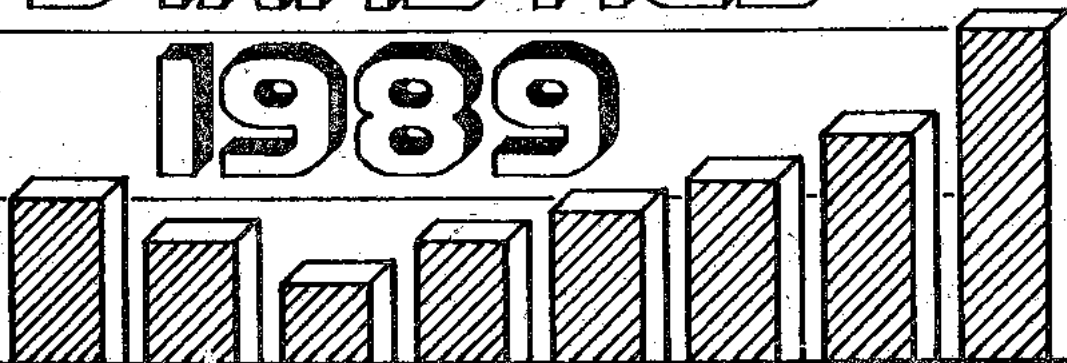




PHILIPPINE HEALTH STATISTICS 1989



HEALTH INTELLIGENCE SERVICE
DEPARTMENT OF HEALTH



Republic of the Philippines
Department of Health

OFFICE OF THE SECRETARY

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FOREWORD

The Department of Health, through the Health Intelligence Service, is pleased to present the 1989 edition of the PHILIPPINE HEALTH STATISTICS. This report is one of the regular reports on Health Statistics that are used for official research and academic use.

This report presents the definitive collection of statistical data on Births, Deaths, Fetal Deaths and Notifiable Diseases registered and reported during the year 1989. The data in this report come from essentially two sources. Since 1973, data on births and deaths including fetal deaths as well as population estimates were provided by the Office of the Civil Registrar General and the National Census and Statistics Office (now called the National Statistics Office). Data on Notifiable Diseases were collected through field units and offices of the Department of Health. The data from these two sources have been consolidated, summarized, sorted, analyzed and interpreted for ease of use. Tables and graphs were also constructed for easier understanding.

This report is organized and presented as follows:

1. Introduction: Sources, Classification, Analysis and Interpretation of Data.
2. Natality Statistics: Text by subject and related tables, graphs and diagrams.
3. Notifiable Diseases: Text by subject and related tables, trends of cases and deaths
4. Mortality Statistics: Total, infant, maternal and fetal: Text by subject and related tables, graphs and diagrams.

It is hoped that this 1989 Report of Philippine Health Statistics will be useful as a basic statistical reference for the planning, evaluation and review of health policies, programs and activities.

Grateful acknowledgments are due to the National Statistics Office for the collaboration and support extended specifically in the provision of vital statistical data, and to all field health officers throughout the country for their active participation in the collection of mortality and morbidity data on Notifiable Diseases. Likewise, appreciation is extended to the staff and personnel of the Health Intelligence Service in the preparation of this report.


ALFREDO R.A. BENZON, M.D.
Secretary of Health

February 1 , 1992

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PHILIPPINE HEALTH STATISTICS
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INTRODUCTION

A. SOURCES OF DATA

1. Live Birth, Death and Fetal Death Statistics - Effective March, 1973 a collaborative program was drawn with the National Census and Statistics Office (NCSO) now National Statistics Office (NSO) whereby that Office shall provide basic tabulation on births and deaths thereby making it possible for the Health Intelligence Service to discontinue its collection and mechanical processing of such data. Raw data on births, deaths and fetal deaths were taken from the said Office. The basis of the registration of vital events is Act No. 3753 otherwise known as the Civil Registry Law. By virtue of Commonwealth Act 591, the Director of the Bureau of Census and Statistics (now the Administrator of the National Statistics Office) concurrently is the Civil Registrar-General and all local civil registrars are under his supervision. In the cities, the local civil registrars are the officials designated in their respective city charters generally the City Health Officers, while in regular municipalities and municipal districts, the local civil registrars are the municipal treasurers and municipal district treasurers, respectively. Each vital event is registered in the office of the civil registrar of the locality where the event occurred and a copy of each document is sent to the Office of the Civil Registrar-General within the first ten days of the succeeding month.

2. Notifiable Diseases Statistics - Data on Notifiable Diseases based on information gathered by field health personnel. The Law on Reporting of Notifiable Diseases (Act 3573) provides that any cases of Notifiable Diseases shall be reported immediately to the nearest health officer. All field health officers by means of established reporting mechanism (Memorandum Order No. 51-a.s. 1960) submit through the Provincial and City Health Officers, collective morbidity reports (HIS Form No. 3) weekly to the Health Intelligence Service where such data received are then edited, classified, compiled, analyzed and interpreted.

3. Population Statistics - The official population estimates since 1931, as computed by the National Statistics Office, using the geometric method, are presented in this report. This bases for the yearly population figures are the censuses of 1918, 1939, 1948, 1960, 1970, 1975 and 1980. The 1987 population for the Philippines and its region, province and city were estimated from the 1985 census which indicated an annual rate of increases of 2.4%.

B. CLASSIFICATION OF DATA

Classification of health statistics and population statistics must be made according to the similarly defined system and tabulated in comparable groups in order to make use of the principal value of both data. Thus, variables common to both, i.e., geographic area, age and sex have been similarly classified and tabulated in this report.

1. Geographic Classification - Livebirths; deaths from all causes; infant, maternal and fetal deaths; and data on notifiable diseases have been classified by place of occurrence-region, province and city - the first being a geographical division created as a result of the reorganization of the Department of Health and other two being political divisions of the country. There are fourteen (14) regions, seventy five (75) provinces and sixty (60) cities. There is no classification of the place of occurrence as to whether it is rural or urban because of the lack of standard criteria.

2. Age - There is no valid information with regard to the accuracy of age of a reported morbid case. Regarding the registered deaths; the age of deceased is fully determined by the date of birth. However, some of the vital records are filled with the age not recorded or the date of birth not indicated. Thus, misstatement of age on vital records maybe assumed to some degree. The age classification used in this report is consistent with those recommended for international use by the World Health Organization.

3. Diseases and Causes of Deaths - Morbidity and mortality Statistics published by the Department of Health are classified and tabulated in accordance with the International Classification of Diseases, Injuries and Causes of Death, 9th Revision. In this report, the 3-digit classification was used for morbidity as well as for total mortality statistics, while the 2-digit classifications was used for fetal deaths.

4. Sex - Classification by sex is made in relation to other factors such as age, nationality, date and place of occurrence. Thus, some tabulations presented in this report maybe considered as four-fold tables with sex as one of the attributes of classifications.

C. ANALYSIS AND INTERPRETATION OF DATA

Health statistics are very useful for a variety of administrative and research purposes. However, they can not correctly be interpreted unless pertinent qualifying factors, aside from the method of classification, are taken into consideration.

Some of the factors limiting the use of statistical data emanate from discrepancies in the original records or from the impracticability of tabulating these data in very detailed items. While these defects do exist, nevertheless, the value of these data for original purposes is indispensable. The exact evaluation of health statistics or the analysis of small differences necessitates careful study of a variety of related elements. However, the major trends and differences may not be altered materially by finer analysis.

1. Small Frequencies - The number of births and deaths reported for an area or community, or the number of ailments, represents complete counts of such events. Such being the case, they are not subject to sampling errors although they are subject to errors in the registration process or reporting system. When data is used for analytical purposes, as for example, the comparison of rate over a time period or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have risen under the same circumstances. In accordance with certain statistical assumptions, the probable range of values may be estimated from the actual figures.

2. Computation of Statistical Indices - In the computation of statistical indices for the Philippines and each health region, province and city, the standard formula are used. Thus, the crude birth and death rates are per 1,000 population; the infant, neonatal, maternal and fetal death rates are per 1,000 livebirths; and the specific diseases morbidity and mortality rates classified either by age, age and sex are per 100,000 population.

3. Completeness of Registration and Notification - In the Philippines, although the law provides for a compulsory registration of births, deaths and fetal deaths (Act. 3753) and the reporting of Notifiable Diseases (Act 3573) there are deficiencies in the observance of the Law due to a variety of factors.

Tests for completeness of birth and death registration made in 1956 in the province of Nueva Ecija, indicated an under registration of births by more than 30% and deaths by more than 10% for the whole province. A more recent and more extensive survey on the completeness of death registration in all provinces (32) and cities (18) of Health Regions 1, 2, 3, and 4, and one province each in Regions 5 and 6 was conducted in 1961-1962. This revealed that of the randomly selected names of persons buried in cemeteries in more recent years (1959-1962), 27.3% do not appear in the Death Registers of the Local Civil Registrars.

In view of the limited scope of these two studies the percentage of underregistration cannot be made to apply on a nationwide basis. Corrections for underregistration may only be made after the latter survey has been completed for the whole country. At any rate, it is grossly evident that incomplete registration of births, deaths and fetal deaths is still a problem in many areas in the country.

Completeness in the reporting of Notifiable Diseases varies greatly by disease and by area. In general, and from all indications, reporting is apparently incomplete.

4. Population Bases - In order to insure statistical comparability, the vital and health statistical indices presented in this report of the Philippines and each health regions, province and city were computed using the official population estimates of the National Statistics Office, which were based on the latest census enumeration.

5. Allocation of Vital Events - All data in this report were tabulated according to place of occurrence and not by place of residence. Philippine laws provide that all vital events and cases of notifiable diseases must be registered and reported, respectively, by place of occurrence.

PHILIPPINE HEALTH PICTURE 1939-1989



POPULATION
INCREASED FROM 16,152,100 TO 60,096,988
272.1% INCREASE



CRUDE BIRTH RATE
DECLINED FROM 32.3 TO 26.0
19.5% DECREASE



CRUDE DEATH RATE
DECLINED FROM 16.9 TO 5.4
68.0% DECREASE



INFANT DEATH RATE
DECLINED FROM 146.2 TO 27.5
81.2% DECREASE



MATERNAL DEATH RATE *
DECLINED FROM 6.3 TO 1.0
84.1% DECREASE



NEONATAL DEATH RATE **
DECLINED FROM 35.0 TO 12.7
62.9% DECREASE



TUBERCULOSIS DEATH RATE
DECLINED FROM 232.6 TO 43.8
81.2% DECREASE



LIFE EXPECTANCY AT BIRTH
MALE 63.0 YRS. FEMALE 67.0 YRS.
BOTH SEXES 65 YRS.

* SINCE 1940

** SINCE 1960

TABLE 1

ESTIMATED POPULATION BY SEX
PHILIPPINES, 1939 - 1989

Y E A R	BOTH SEXES	M A L E	F E M A L E
1989.....	60,096,988	30,182,591	29,914,397
1988.....	58,721,307	29,486,542	29,234,765
1987.....	57,356,042	28,795,983	28,560,059
1986.....	56,004,130	28,112,404	27,891,726
1985.....	54,668,392	27,437,246	27,231,086
1984.....	53,192,708	26,699,705	26,493,003
1983.....	51,973,651	26,091,773	25,307,792
1982.....	50,783,065	25,475,273	25,881,878
1981.....	49,536,022	24,846,275	24,689,747
1980.....	48,316,503	24,231,626	24,084,877
1979.....	46,580,400	23,150,500	23,429,900
1978.....	45,528,500	22,627,700	22,900,800
1977.....	45,005,300	22,412,700	22,592,600
1976.....	43,751,300	21,744,400	22,006,900
1975.....	42,517,300	21,169,400	21,347,900
1974.....	41,457,100	20,645,600	20,811,500
1973.....	40,219,000	20,030,000	20,189,000
1972.....	39,040,100	19,434,000	19,605,700
1971.....	37,959,000	18,888,000	19,071,000
1970.....	36,849,000	18,318,000	18,531,000
1969.....	37,158,000	18,741,000	18,417,000
1968.....	35,883,000	18,098,000	17,785,000
1967.....	34,656,000	17,480,000	17,176,000
1966.....	33,477,000	16,885,000	16,592,000
1965.....	32,345,000	16,314,000	16,031,000
1964.....	31,270,000	15,772,000	15,498,000
1963.....	30,241,000	15,255,000	14,986,000
1962.....	29,257,000	14,759,000	14,498,000
1961.....	28,313,000	14,282,000	14,031,000
1960.....	27,410,000	13,826,000	13,584,000
1959.....	26,926,400	13,441,700	13,484,700
1958.....	26,096,600	13,032,700	13,063,900
1957.....	25,292,400	12,638,600	12,653,800
1956.....	24,513,000	12,254,100	12,258,900
1955.....	23,757,600	11,881,200	11,876,400
1954.....	23,025,500	11,521,900	11,503,600
1953.....	22,316,000	11,171,400	11,144,600
1952.....	21,628,300	10,831,500	10,796,800
1951.....	20,961,800	10,503,900	10,457,900
1950.....	20,315,800	10,184,300	10,131,500
1949.....	19,689,800	9,874,400	9,815,400
1948.....	19,143,800	9,607,000	9,536,800
1947.....	18,785,700	9,431,700	9,354,000
1946.....	18,434,400	9,259,700	9,174,700
1945.....	18,089,600	9,090,700	8,998,900
1944.....	17,751,200	8,924,800	8,826,400
1943.....	17,419,200	8,762,000	8,657,200
1942.....	17,093,400	8,602,200	8,491,200
1941.....	16,773,700	8,445,200	8,328,500
1940.....	16,459,900	8,291,100	8,168,800
1939.....	16,152,100	8,139,900	8,012,000

ESTIMATED POPULATION PHILIPPINES 1939 - 1989

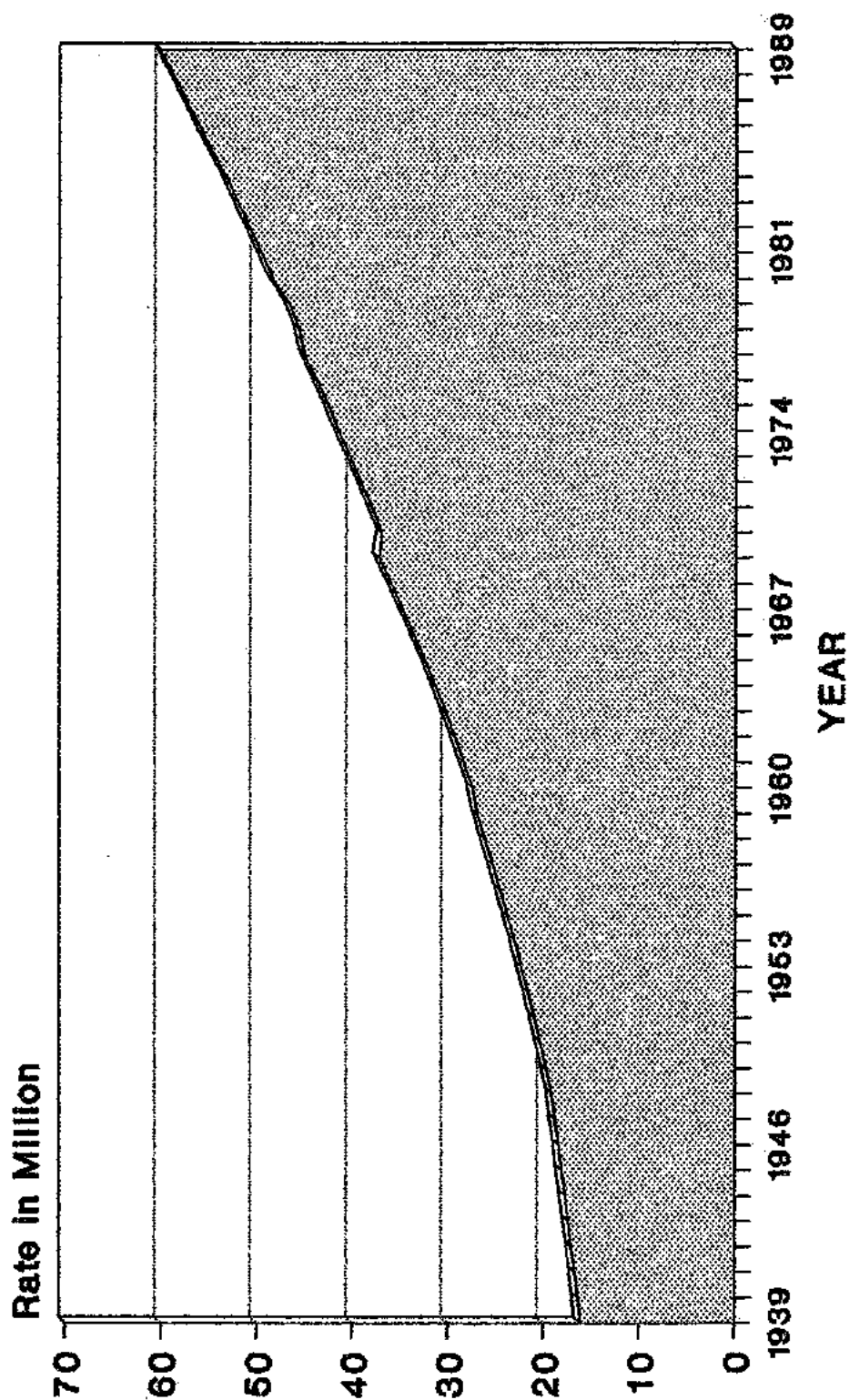


Fig. 2

TABLE 2

ESTIMATED POPULATION
BY HEALTH REGION, PROVINCE AND CITY
PHILIPPINES
1989

8

A R E A	POPULATION	A R E A	POPULATION
PHILIPPINES.....	60,096,988	CABANATUAN CITY.....	170,911
NAT. CAP. REGION.....	7,710,345	OLONGAPO CITY.....	192,568
1ST DIST. MANILA.....	1,856,374	PALAYAN CITY.....	20,948
2ND DIST. MUN.....	1,086,881	SAN JOSE CITY.....	74,569
QUEZON CITY.....	1,546,019	REGION 4	7,897,310
3RD DIST. MUN.....	750,093	AURORA.....	140,959
CALOOCAN CITY.....	601,659	BATANGAS.....	1,108,996
4TH DIST. MUN.....	1,503,738	CAVITE.....	949,774
PASAY CITY.....	365,581	LAGUNA.....	1,134,266
C.A.R	1,146,969	MARINDUQUE.....	208,935
ABRA.....	219,083	MINDORO OCC.....	282,991
BENGUET.....	290,962	MINDORO OR.....	574,506
IFUGAO.....	132,873	PALAWAN.....	402,799
KALINGA APAYAO.....	292,913	QUEZON.....	1,279,316
MT. PROVINCE.....	118,945	RIZAL.....	747,519
BAGUIO CITY.....	152,199	ROMBLON.....	236,779
REGION 1	3,431,938	BATANGAS CITY.....	175,533
ILOCOS NORTE.....	392,763	CAVITE CITY.....	99,620
ILOCOS SUR.....	592,226	LIPA CITY.....	147,457
LA UNION.....	562,620	LUCENA CITY.....	143,285
PANGASINAN.....	163,008	PUERTO PRINCESA CITY	83,047
DAGUPAN CITY.....	111,716	SAN PABLO CITY.....	154,446
LAOAG CITY.....	76,090	TAGAYTAY CITY.....	21,976
SAN CARLOS CITY.....	116,975	TRECE MARTIRES CITY.	11,106
REGION 2	2,412,595	REGION 5	4,292,575
BATANES.....	17,826	ALBAY.....	849,566
CAGAYAN.....	860,709	CAMARINES NORTE.....	389,261
ISABELA.....	1,107,253	CAMARINES SUR.....	1,199,569
INUEVA VIZCAYA.....	311,539	CATANDUANES.....	208,013
QUIRINO.....	115,268	MASBATE.....	714,977
REGION 3	5,956,821	SORSOGON.....	622,748
BATAAN.....	429,460	IRIGA CITY.....	73,056
BULACAN.....	1,360,484	LEGASPI CITY.....	134,174
NUEVA ECIJA.....	1,041,172	NAGA CITY.....	101,191
PAMPANGA.....	1,240,547	REGION 6	5,555,580
TARLAC.....	813,510	AKLAN.....	405,995
ZAMBALES.....	366,756	ANTIQUE.....	428,002
ANGELES CITY.....	245,896	CAPIZ.....	507,283
		ILOILO.....	1,439,949
		NEGROS OCC.....	1,510,597
		BAKOLOD CITY.....	317,685

TABLE 2

ESTIMATED POPULATION
BY HEALTH REGION, PROVINCE AND CITY
PHILIPPINES
1989

A R E A	POPULATION	A R E A	POPULATION
BAGO CITY.....	126,436	DAPITAN CITY.....	64,656
CADIZ CITY.....	146,278	DIPOLONG CITY.....	78,168
ILOILO CITY.....	284,646	PAGADIAN CITY.....	102,256
LA CARLOTA CITY.....	58,124	ZAMBOANGA CITY.....	422,752
ROXAS CITY.....	101,468		
SAN CARLOS CITY.....	97,766	REGION 10	3,526,096
SILAY CITY.....	131,351		
REGION 7	4,531,179	AGUSAN DEL NORTE.....	245,174
		AGUSAN DEL SUR.....	349,379
BOHOL.....	877,432	BUKIDNON.....	801,735
CEBU.....	1,417,591	CAMIGUIN.....	68,923
NEGROS OR.....	830,966	MISAMIS OCC.....	272,307
SIQUIJOR.....	80,976	MISAMIS OR.....	474,435
		SURIGAO DEL NORTE....	366,428
BAIS CITY.....	57,010	BUTUAN CITY.....	220,231
CANLON CITY.....	31,940	CAGAYAN DE ORO.....	330,629
CEBU CITY.....	623,593	GINGONG CITY.....	100,757
ORANAO CITY.....	67,072	OROQUIETA CITY.....	58,110
DUMAGUETE CITY.....	78,782	OZAMIS CITY.....	93,697
LAPU-LAPU CITY.....	127,037	SURIGAO CITY.....	99,027
MANDAWE CITY.....	173,764	TANGUB CITY.....	45,270
TAGBILARAN CITY.....	50,660		
TOLEDO CITY.....	114,956	REGION 11	4,335,479
REGION 8	3,301,254		
		COTABATO SOUTH.....	764,483
LEYTE DEL NORTE.....	1,249,783	DAVAO ORIENTAL.....	426,298
LEYTE DEL SUR.....	368,617	DAVAO DEL NORTE.....	953,952
EASTERN SAMAR.....	391,058	DAVAO DEL SUR.....	647,565
NORTHERN SAMAR.....	475,622	SURIGAO DEL SUR.....	498,113
WESTERN SAMAR.....	428,053		
CALBAYOG CITY.....	122,670	DAVAO CITY.....	817,400
ORMOC CITY.....	129,947	GEN. SANTOS CITY.....	227,668
TACLOBAN CITY.....	135,504		
REGION 9	3,127,667	REGION 12	2,871,780
BASILAN.....	252,784	LANAO DEL NORTE.....	391,083
SULU.....	437,397	LANAO DEL SUR.....	424,086
TAWI-TAWI.....	230,438	MAGUINDANAO.....	555,977
ZAMB. DEL NORTE.....	573,069	NORTH COTABATO.....	731,079
ZAMB. DEL SUR.....	958,207	SULTAN KUDARAT.....	407,312
		COTABATO CITY.....	104,172
		ILIGAN CITY.....	197,126
		MARAWI CITY.....	61,045

TABLE 3

ESTIMATED POPULATION
No. & Percentage Distribution, By Age & Sex
PHILIPPINES
1989

10

A R E A	P O P U L A T I O N			P E R C E N T A G E D I S T R I B U T I O N		
	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES
ALL AGES.....	30,182,591	29,914,397	60,096,988	50.2	49.8	100.0
Under 1 yr.....	891,187	847,936	1,739,123	1.5	1.4	2.9
1 - 4 yrs.....	3,401,387	3,250,270	6,651,657	5.6	5.5	11.1
5 - 9 yrs.....	3,949,299	3,801,129	7,750,428	6.6	6.3	12.9
10 - 14 yrs.....	3,754,190	3,550,802	7,304,992	6.2	6.0	12.2
15 - 19 yrs.....	3,285,982	3,114,968	6,400,950	5.5	5.2	10.7
20 - 24 yrs.....	2,905,089	2,837,217	5,742,300	4.8	4.7	9.5
25 - 29 yrs.....	2,433,019	2,594,955	5,027,974	4.0	4.4	8.4
30 - 34 yrs.....	2,100,129	2,252,836	4,352,965	3.5	3.7	7.2
35 - 39 yrs.....	1,792,791	1,795,453	3,588,244	3.0	3.0	6.0
40 - 44 yrs.....	1,398,735	1,362,739	2,761,474	2.3	2.3	4.6
45 - 49 yrs.....	1,126,903	1,108,567	2,235,470	1.9	1.8	3.7
50 - 54 yrs.....	833,107	1,392,418	1,753,000	1.4	1.5	2.9
55 - 59 yrs.....	712,913	679,505	1,392,418	1.2	1.1	2.3
60 - 64 yrs.....	532,622	619,408	1,152,030	0.9	1.0	1.9
65 - 69 yrs.....	412,428	499,214	911,642	0.7	0.8	1.5
70 yrs. & Over.....	652,816	679,505	1,332,321	1.1	1.1	2.2

ESTIMATED POPULATION BY AGE & SEX PHILIPPINES, 1989

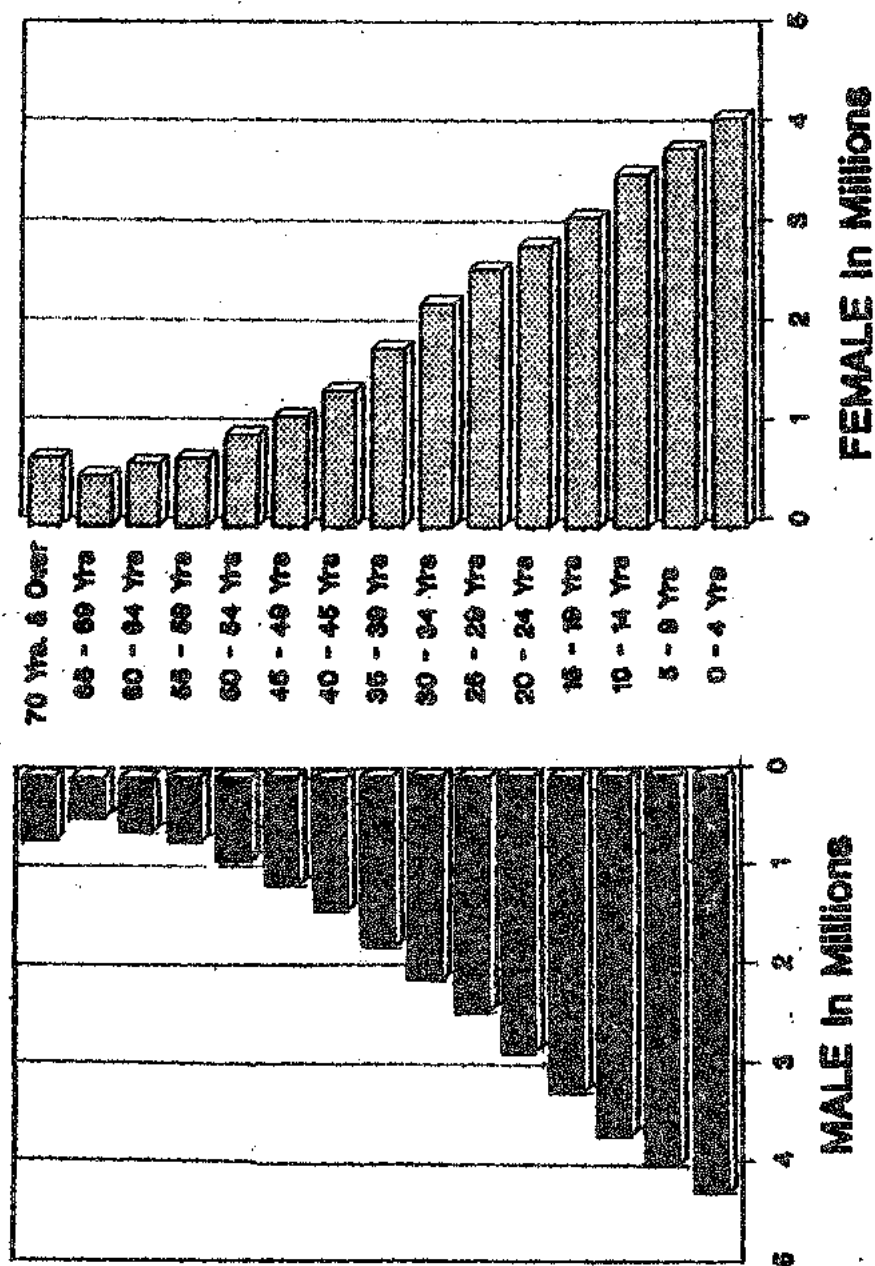


Fig. 3

TABLE 4

LIVEBIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR
MATERNAL DEATHS & FETAL DEATHS
No. & Rate
PHILIPPINES, 1939 - 1989

12

Y E A R	BIRTHS		DEATHS		DEATHS UNDER 1 YR.		MATERNAL DEATHS		FETAL DEATHS	
	No.	Rate*	No.	Rate*	No.	Rate**	No.	Rate**	No.	Rate**
1989.....	1565254	26.0	325621	5.4	43026	27.5	1579	1.0	11423	7.3
1988.....	1563972	26.7	325098	5.5	47187	30.1	1745	1.1	10641	6.8
1987.....	1582469	27.6	335254	5.8	50803	32.1	1611	1.0	10515	6.6
1986.....	1493995	26.7	326749	5.8	52269	35.0	1573	1.1	8400	5.6
1985.....	1437154	26.3	334663	6.1	54613	38.0	1489	1.0	8948	6.2
1984.....	1478205	27.8	313359	5.9	56897	38.5	1379	0.9	11884	8.0
1983.....	1506356	29.0	327260	6.3	64267	42.7	1502	1.0	14780	9.8
1982.....	1474491	29.0	308758	6.1	61665	41.8	1425	1.0	13465	9.1
1981.....	1461204	29.5	301117	6.1	64415	44.1	1542	1.1	13943	9.1
1980.....	1456860	30.2	298006	6.2	65700	45.1	1607	1.1	13965	9.6
1979.....	1429814	30.7	206427	6.6	71772	50.2	1635	1.1	14586	10.2
1978.....	1387588	30.5	297034	6.5	73640	53.1	1734	1.2	14365	10.4
1977.....	1344836	29.9	308904	6.9	76330	56.8	1909	1.4	14589	10.8
1976.....	1314860	30.1	299861	6.9	74792	56.9	1862	1.4	14865	11.3
1975.....	1223837	28.8	271136	6.4	65263	53.3	1753	1.4	13764	11.2
1974.....	1081073	26.1	263975	6.8	63491	58.7	1690	1.6	13451	12.4
1973.....	1049290	26.1	263475	7.0	67881	64.7	1488	1.4	10808	10.3
1972.....	968385	24.8	265761	7.3	65719	67.9	1379	1.4	13577	14.0
1971.....	963749	25.4	250139	6.6	59730	62.0	1261	1.3	12969	13.5
1970.....	1008504	27.4	248251	6.7	59774	59.3	1950	1.9	7984	7.3
1969.....	1015784	27.3	255785	6.9	65142	64.1	2047	2.0	7290	7.2
1968.....	961646	26.8	253841	7.1	62994	65.5	1979	2.1	6855	7.1
1967.....	911872	26.3	241548	7.0	59448	65.2	1822	2.0	7468	8.2
1966.....	908826	27.1	240863	7.2	59810	65.8	1829	2.0	6166	6.8
1965.....	871715	27.0	241305	7.5	59733	68.5	1757	2.0	6143	7.0
1964.....	880871	28.2	214904	6.9	54174	61.5	1031	2.1	6696	7.6
1963.....	851459	28.2	215749	7.1	56700	66.6	1783	2.1	7026	8.2
1962.....	832204	28.4	213439	7.3	56365	67.7	1944	2.3	7424	8.9
1961.....	782957	27.6	213587	7.5	56663	72.4	2023	2.6	8800	11.2
1960.....	810904	29.6	212688	6.6	59301	73.1	1981	2.4	10262	12.7
1959.....	809086	30.0	197423	7.3	58610	72.4	2114	2.6	10167	12.6
1958.....	766562	29.4	218186	8.4	61335	80.0	2235	2.9	9012	11.8
1957.....	748331	29.6	241469	9.5	69592	93.0	1963	2.6	8967	12.0
1956.....	757794	30.9	219719	9.0	63583	83.9	2241	3.0	***	-
1955.....	734761	30.9	219798	9.0	61958	84.3	2339	3.2	***	-
1954.....	702662	30.5	217650	9.5	66175	94.2	2214	3.2	***	-
1953.....	661939	29.7	239988	10.8	69729	105.3	2397	3.6	***	-
1952.....	648725	30.0	241020	11.1	65883	101.6	2511	3.6	***	-
1951.....	637264	30.4	237937	11.4	67209	105.5	2645	4.2	***	-
1950.....	642472	31.6	226505	11.1	65273	101.6	2406	3.7	***	-
1949.....	609138	30.9	231151	11.8	66114	108.5	1818	3.0	***	-
1948.....	602415	31.5	234467	12.7	68897	114.4	2468	4.1	***	-
1947.....	572226	30.5	238527	12.7	63809	111.5	2425	4.2	***	-
1946.....	533283	28.9	278546	15.1	66902	125.5	***	-	***	-
1945-1941.	***	-	***	-	***	-	***	-	***	-
1940.....	535117	32.5	273480	16.6	72647	135.8	3397	6.3	***	-
1939.....	522432	32.3	273141	16.9	76377	146.2	***	-	***	-

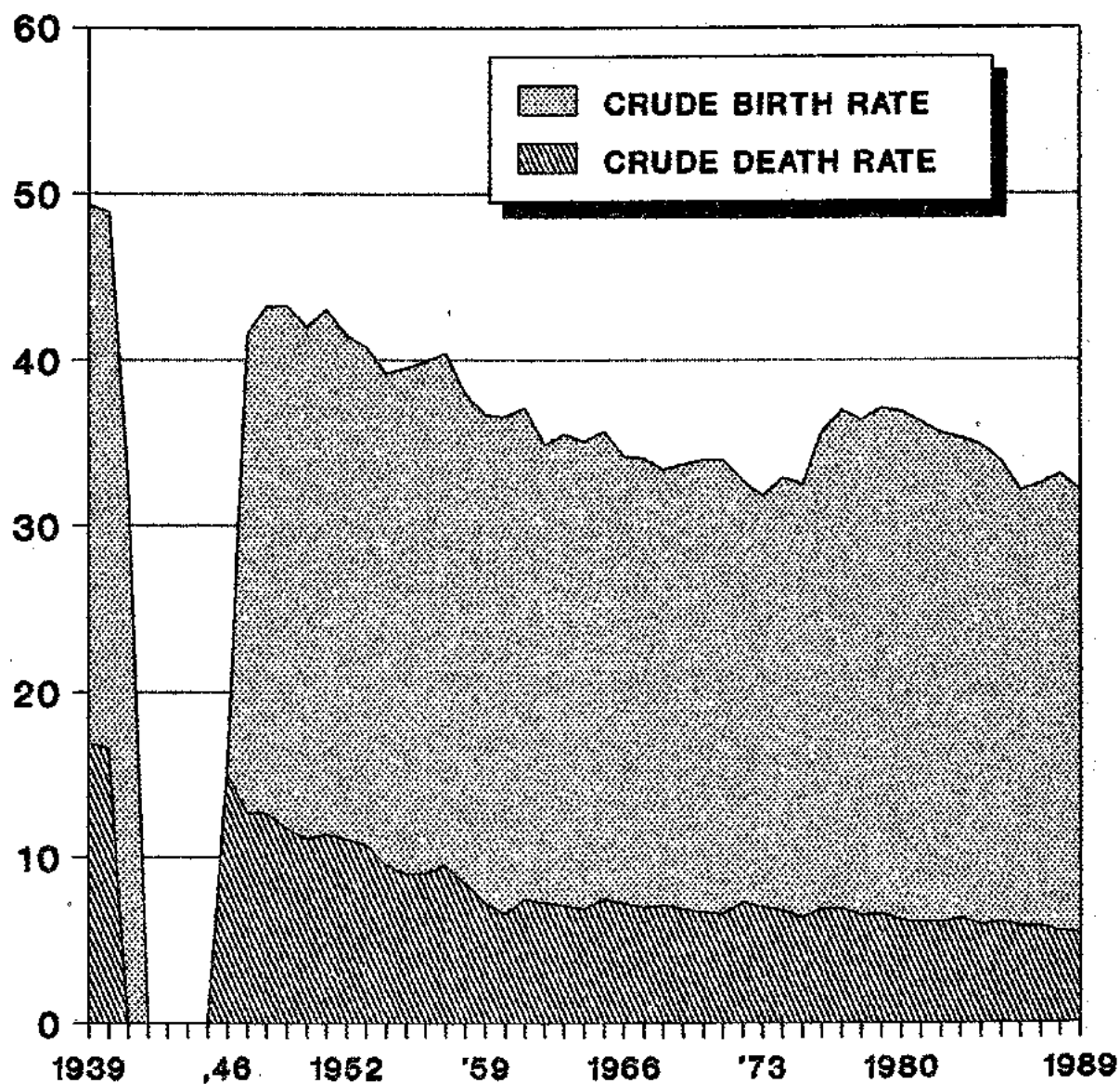
*Per 1,000 Population

**Per 1,000 Livebirths.

***No data available.

CRUDE BIRTH AND DEATH RATES

Rate per 1,000 Population
PHILIPPINES, 1939-1989

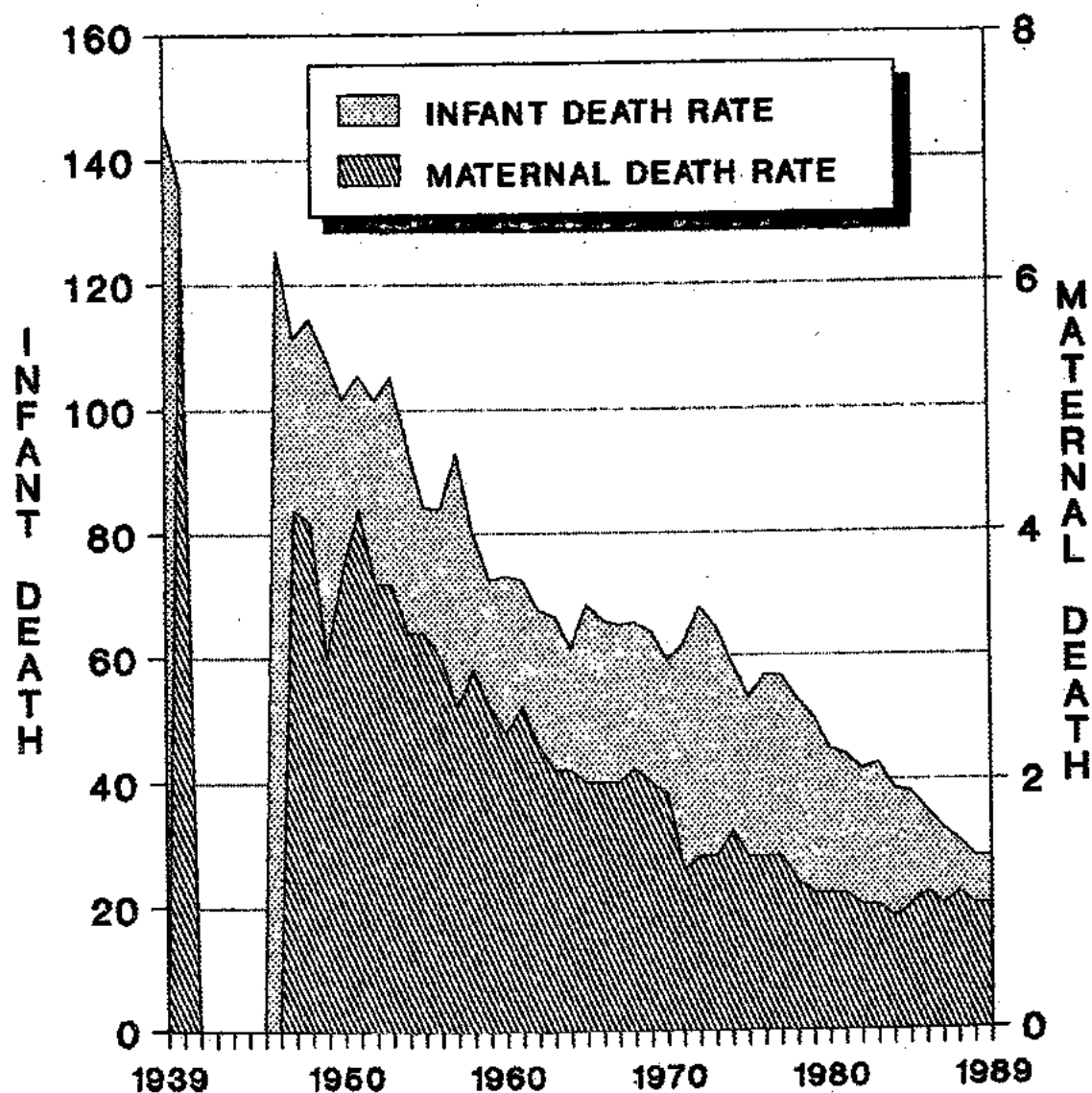


Note: No data available for
years 1941 to 1945

Fig. 4

INFANT AND MATERNAL DEATH RATES

Rate per 1,000 Livebirths
PHILIPPINES, 1939-1989



Note: No data available for years 1941 to 1945 & MDR for 1939

Fig. 5

TABLE 5 LIVEBIRTHS, TOTAL DEATHS AND INFANT, FETAL & MATERNAL DEATHS
BY HEALTH REGION, PROVINCE & CITY

15

No. & Rate
PHILIPPINES
1989

A R E A	BIRTHS		TOTAL DEATHS		DEATHS UNDER 1 YR.		FETAL DEATHS		MATERNAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
PHILIPPINES.....	1565254	26.0	325621	5.4	43026	27.5	11423	7.3	1579	1.0
NAT. CAP. REGION...	263356	34.2	50431	6.5	7956	30.2	2601	9.9	169	0.6
1ST DIST. MANILA...	98812	53.2	17015	9.2	2854	28.9	1192	12.1	34	0.3
2ND DIST. MUN.....	30869	28.4	5964	5.5	972	31.5	400	13.0	24	0.8
QUEZON CITY.....	51395	33.2	12435	8.0	1661	32.3	331	6.4	31	0.6
3RD DIST. MUN.....	17081	22.8	3249	4.3	568	33.3	59	3.5	8	0.5
CALOCAN CITY.....	16562	27.5	3764	6.2	647	39.1	142	8.6	21	1.3
4TH DIST. MUN.....	39812	26.5	6389	4.2	998	25.1	401	10.1	95	0.9
PASAY CITY.....	8835	24.2	1615	4.4	256	29.0	76	8.6	16	1.8
C.A.R.	29119	25.4	4263	3.7	490	16.8	118	4.1	20	0.7
ABRA.....	2991	13.7	832	3.8	90	30.1	3	1.0	3	1.0
BENGUET.....	8966	30.8	862	3.0	118	13.2	55	6.1	6	0.7
IFUGAO.....	2987	22.5	337	2.5	53	17.7	1	0.3	3	1.0
KALINGA-APAYAO...	4390	18.8	577	2.5	65	14.8	3	0.7	2	0.5
MT. PROVINCE.....	2633	22.6	469	3.9	59	21.9	12	4.5	2	0.7
BAGUID CITY.....	7092	46.6	1186	7.8	105	14.8	44	6.2	4	0.6
REGION 1	95002	27.7	25112	7.3	3055	32.2	750	7.9	93	1.0
ILOCOS NORTE.....	8854	22.5	2792	7.1	280	31.6	81	9.1	8	0.9
ILOCOS SUR.....	11873	22.3	3777	7.1	308	25.9	81	6.8	3	0.3
LA UNION.....	14927	26.5	4048	7.2	513	34.4	128	8.6	9	0.6
PANGASINAN.....	46651	28.5	10347	6.7	1406	30.1	283	6.1	50	1.1
DAGUPAN CITY.....	7065	63.2	1938	17.3	392	55.5	136	19.2	16	2.3
LAORAG CITY.....	2006	26.4	732	9.6	57	28.4	26	13.0	2	1.0
SAN CARLOS CITY...	3626	31.0	878	7.5	99	27.3	15	4.1	5	1.4
REGION 2	65417	27.1	13154	5.5	2132	32.6	298	4.6	92	1.4
BATANES.....	951	19.7	76	4.3	11	31.3	3	8.5	0	-
CAGAYAN.....	23431	27.2	5531	6.4	862	36.8	123	5.2	32	1.4
ISABELA.....	30917	27.9	5711	5.2	956	30.9	142	4.6	46	1.5
NUEVA VIZCAYA.....	7692	24.7	1361	4.4	187	24.3	25	3.3	10	1.3
QUIRINO.....	3026	26.3	475	4.1	116	38.3	5	1.7	4	1.3
REGION 3	168631	28.3	31730	5.3	3854	22.8	1188	7.0	150	0.9
BATAAN.....	11824	27.5	2267	5.3	336	28.4	159	13.4	12	1.0
BULACAN.....	39364	28.9	8431	6.2	1060	26.9	423	10.7	50	1.3
NUEVA ECIJA.....	23164	22.2	4616	4.4	620	26.8	103	4.4	19	0.8
PAMPANGA.....	36006	29.0	5443	4.4	494	13.7	59	1.6	35	1.0
TARLAC.....	24105	29.6	4911	6.0	584	24.2	120	5.0	14	0.6
ZAMBALES.....	9815	26.8	2023	5.5	222	22.6	88	9.0	8	0.8

TABLE 5

LIVEBIRTHS, TOTAL DEATHS AND INFANT, FETAL & MATERNAL DEATHS
BY HEALTH REGION, PROVINCE & CITYNo. & Rate
PHILIPPINES
1989

A R E A	BIRTHS		TOTAL DEATHS		DEATHS UNDER 1 YR.		FETAL DEATHS		MATERNAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
ANGELES CITY.....	8291	33.5	1286	5.2	152	18.5	99	12.0	6	0.7
CABANATUAN CITY....	6548	38.9	1341	7.8	136	20.8	2	0.3	3	0.5
OLONGAPO CITY.....	6619	34.3	755	3.9	124	18.7	94	14.2	1	0.1
PALAYAN CITY.....	472	22.5	57	2.7	2	4.2	0	-	0	-
SAN JOSE CITY.....	2483	33.3	600	8.0	124	49.9	41	16.5	3	1.2
REGION 4	212863	27.0	47058	6.0	6249	29.4	2221	10.4	225	1.1
AURORA.....	4502	31.9	670	4.7	122	27.1	31	6.9	4	0.9
BATANGAS.....	28686	25.9	5992	5.4	643	22.4	219	7.6	13	0.5
CAVITE.....	17936	19.0	4784	5.1	552	30.8	293	13.0	14	0.8
LAGUNA.....	29970	26.4	6725	5.9	77	25.7	312	10.4	26	0.9
MARINUQUE.....	5477	26.2	1286	6.2	195	35.6	98	17.9	5	0.9
MINDORO OCC.....	6654	23.5	1112	3.9	149	22.4	29	4.4	9	1.4
MINDORO OR.....	15760	27.4	3269	5.7	557	35.9	218	13.8	28	1.8
PALAWAN.....	8412	20.9	1090	2.7	114	13.5	30	3.6	9	1.1
QUEZON.....	34596	27.0	9003	7.0	1279	37.0	355	10.3	70	2.0
RIZAL.....	23936	32.0	4473	6.0	660	27.6	276	11.5	14	0.6
ROMBLON.....	6099	25.8	1450	6.1	216	35.4	56	9.2	5	0.8
BATANGAS CITY.....	6780	38.6	1401	9.0	170	25.1	61	9.0	1	0.1
CAVITE CITY.....	2677	26.9	761	7.6	109	40.7	39	14.6	7	2.6
LIPA CITY.....	5072	34.4	1098	7.4	174	34.3	36	7.1	4	0.8
LUCENA CITY.....	6341	44.3	1612	11.2	256	40.3	96	15.1	6	0.9
PUERTO PRINCESA....	3017	36.3	409	4.9	74	24.5	30	9.9	0	-
SAN PABLO CITY.....	5426	35.1	1350	8.7	131	24.1	74	13.6	5	0.9
TAGAYTAY CITY.....	440	20.0	77	3.5	4	9.1	2	4.5	0	-
TRECE MARTIRES....	1082	19.4	496	44.7	73	67.5	26	24.0	5	4.6
REGION 5	106306	24.8	25639	6.0	3330	31.9	744	7.0	187	1.8
ALBAY.....	23947	28.2	4983	5.9	564	23.6	200	9.4	39	1.6
CAMARINES NORTE....	11964	30.7	3689	9.5	651	54.4	141	11.8	26	2.2
CAMARINES SUR.....	32131	26.8	6548	5.5	924	28.8	188	5.9	44	1.4
CATANDUANES.....	5521	26.5	1588	7.6	235	42.6	64	11.6	17	9.1
MASBATE.....	7196	10.1	2109	2.9	267	37.1	18	2.5	15	2.1
SORSOGON.....	13227	21.2	3806	6.1	412	31.1	81	6.1	29	2.2
IRIGA CITY.....	2428	33.2	577	8.0	64	26.4	2	0.8	2	0.8
LEGASPI CITY.....	3560	26.5	1136	8.5	109	30.6	27	7.6	6	1.7
IMAGA CITY.....	6332	62.6	1203	11.9	104	16.4	23	3.6	9	1.4
REGION 6	108686	19.7	32866	5.9	3716	34.2	645	5.9	130	1.2
AKLAN.....	8737	21.5	2648	6.5	270	30.9	53	6.1	8	0.9
ANTIQUE.....	8470	19.8	3077	7.2	416	49.1	59	7.0	14	1.7
CAPIZ.....	8633	17.0	2452	4.8	364	42.2	45	5.2	12	1.4
ILOILO.....	28348	19.7	7665	5.9	860	30.3	160	5.6	28	1.0
NEGROS OCC.....	25692	17.0	7024	4.6	913	35.5	117	4.6	30	1.2

TABLE 5 LIVEBIRTHS, TOTAL DEATHS AND INFANT, FETAL & MATERNAL DEATHS
BY HEALTH REGION, PROVINCE & CITY

17

No. & Rate
PHILIPPINES
1989

A R E A	BIRTHS		TOTAL DEATHS		DEATHS UNDER 1 YR.		FETAL DEATHS		MATERNAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
BACOLOD CITY.....	5619	17.7	3361	10.6	257	145.7	80	14.2	8	1.4
BAGO CITY.....	1923	15.3	566	4.5	69	135.9	9	4.7	9	4.7
CADIZ CITY.....	2120	14.5	501	3.4	34	116.0	7	3.3	1	0.5
ILOILO CITY.....	8968	31.5	2927	10.3	241	126.9	54	6.0	8	0.9
LA CARLOTA CITY....	1039	17.9	347	6.0	41	139.5	14	13.5	1	1.0
LOMAS CITY.....	3437	133.9	964	9.5	103	130.0	0	-	4	1.2
SAN CARLOS CITY....	2785	28.5	639	6.5	65	123.3	22	7.9	3	1.1
SILAY CITY.....	2917	22.2	695	5.3	83	128.5	25	8.6	4	1.4
REGION 7	133910	29.6	27380	6.0	3566	126.6	918	6.9	109	0.8
BOMOL.....	23976	27.3	5476	6.2	750	131.3	141	5.9	19	0.8
CEBU.....	41103	29.0	9423	5.9	1154	128.1	283	6.9	26	0.6
NEGROS OR.....	16408	19.7	2384	2.9	258	115.7	25	1.5	17	1.0
SIGUIJOR.....	1918	23.7	594	7.3	48	125.0	2	1.0	0	-
BAIS CITY.....	1506	26.4	181	3.2	16	110.6	2	1.3	1	0.7
CANLARAN CITY.....	1032	32.9	336	10.7	90	187.2	3	2.9	3	2.9
CEBU CITY.....	26752	42.9	5617	9.0	687	125.7	293	11.0	24	0.9
DANAO CITY.....	2978	35.5	538	8.0	76	132.0	14	5.9	1	0.4
DUMAGUETE CITY....	3697	46.8	1087	13.8	124	133.6	45	12.2	6	1.6
LAPU-LAPU CITY....	4611	36.3	794	6.3	132	128.6	37	8.0	1	0.2
MANDAWE CITY.....	3943	22.7	808	4.6	119	130.2	46	11.7	5	1.3
TAGBILARAN CITY....	2742	54.1	587	11.6	36	113.1	8	2.9	3	1.1
TOLEDO CITY.....	3854	133.5	555	4.8	76	119.7	19	4.9	3	0.8
REGION 8	55563	16.8	17747	5.4	1938	134.9	262	4.7	102	1.8
LEYTE DEL NORTE...	26744	21.4	8006	6.4	930	134.8	131	4.9	41	1.5
LEYTE DEL SUR.....	9446	22.9	2272	6.2	314	137.2	58	6.9	13	1.5
EASTERN SAMAR.....	3861	9.9	887	2.3	44	111.4	1	0.3	3	0.8
NORTHERN SAMAR....	4411	9.3	1955	4.1	219	149.6	11	2.5	17	3.9
WESTERN SAMAR.....	3016	7.0	1251	2.9	79	126.2	5	1.7	15	5.0
CALBAYOG CITY.....	1297	10.6	888	7.2	94	172.5	10	7.7	3	2.3
ORMOC CITY.....	4221	32.5	802	6.2	76	118.0	16	3.8	3	0.7
TACLOBAN CITY.....	3567	26.3	1686	12.4	182	151.0	30	8.4	7	2.0
REGION 9	60823	19.4	9998	3.2	1493	124.5	316	5.2	66	1.1
BAasilan.....	1963	7.8	550	2.2	53	127.0	12	6.1	4	2.0
SULU.....	1595	3.6	592	1.4	119	174.6	37	23.2	8	5.0
TAWI-TAWI.....	382	1.6	87	0.4	10	126.2	0	-	2	5.2
ZAMB. DEL NORTE...	13438	21.7	1682	2.9	230	118.5	14	1.1	11	0.9
ZAMB. DEL SUR.....	26293	27.4	2442	2.5	327	112.4	61	2.3	25	1.0

TABLE 5

LIVEBIRTHS, TOTAL DEATHS AND INFANT, FETAL & MATERNAL DEATHS
BY HEALTH REGION, PROVINCE & CITYNo. & Rate
PHILIPPINES
1989

A R E A	BIRTHS		TOTAL DEATHS		DEATHS UNDER 1 YR.		FETAL DEATHS		MATERNAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
DAPITAN CITY.....	1927	29.8	394	16.1	77	40.0	14	7.3	9	1.6
DIPOLOG CITY.....	2462	31.5	557	17.1	95	38.6	1	0.4	3	1.2
PASADIAN CITY.....	3193	31.2	875	18.6	158	49.5	32	10.0	2	0.6
ZAMBOANGA CITY.....	10570	25.0	2819	16.7	424	40.1	145	13.7	8	0.8
REGION 10	98324	27.9	15620	14.4	2227	22.6	586	6.0	85	0.9
LAGUSAN DEL NORTE...	6538	26.7	958	13.9	128	19.6	36	5.5	8	1.2
LAGUSAN DEL SUR.....	10658	30.5	1010	12.9	123	11.5	21	2.0	5	0.5
BUKIDNON.....	25271	31.5	2296	12.9	363	14.4	132	5.2	36	1.4
CARIGUIN.....	1745	25.3	421	16.1	48	27.5	7	4.0	2	1.1
MISAMIS OCC.....	5983	22.0	1174	14.3	147	24.6	19	3.2	2	0.3
MISAMIS OR.....	12267	25.9	2019	14.3	328	26.7	86	7.0	6	0.5
SURIGAO DEL NORTE...	6420	17.5	1283	13.5	158	24.6	14	2.2	8	1.2
IBUTUAN CITY.....	670	30.5	1561	17.1	260	38.8	58	8.6	8	1.2
CAGAYAN DE ORO.....	11719	35.4	2111	16.4	284	24.2	112	9.6	4	0.3
GINGOGG CITY.....	2400	23.8	566	15.6	102	42.5	30	12.5	1	0.4
OROQUIETA CITY.....	1588	27.3	442	17.6	42	26.4	16	10.1	1	0.6
IOZAMIS CITY.....	2975	31.8	765	18.2	121	40.7	39	13.1	1	0.3
SURIGAO CITY.....	2922	29.5	739	17.5	80	27.4	15	5.1	3	1.0
TANUBUS CITY.....	1131	25.0	275	16.1	43	38.0	1	0.9	0	-
REGION 11	119633	27.6	17613	14.1	2098	17.5	571	4.8	98	0.8
COTABATO SOUTH.....	19544	25.5	2639	13.4	290	14.8	62	3.2	14	0.7
DAVAO ORIENTAL.....	8396	19.7	1166	12.7	146	17.4	28	3.3	16	1.9
DAVAO DEL NORTE....	32267	33.8	3913	14.1	547	17.0	187	5.8	23	0.7
DAVAO DEL SUR.....	14563	22.5	2130	13.3	197	18.5	72	4.9	12	0.8
SURIGAO DEL SUR....	12053	24.2	2323	14.7	354	29.4	50	4.1	8	0.7
DAVAO CITY.....	24501	30.0	3975	14.9	295	12.0	107	4.4	18	0.7
GEN. SANTOS CITY...	8309	36.5	1467	16.4	269	32.4	65	7.8	7	0.8
REGION 12	47621	16.6	7010	12.4	922	19.4	205	4.3	53	1.1
NORTH COTABATO.....	14232	19.5	1810	14.6	143	10.0	14	1.0	17	1.2
LANAO DEL NORTE....	9039	23.1	973	12.3	113	12.5	24	2.7	7	0.8
LANAO DEL SUR.....	1039	2.4	123	10.2	4	3.8	0	-	1	1.0
MAGUINDANAO.....	2397	4.3	340	10.5	20	8.3	0	-	2	0.8
SULTAN MUHAMMAD.....	9387	23.0	1147	12.8	122	13.0	22	2.3	6	0.6
COTABATO CITY.....	3121	30.0	982	19.4	239	26.6	43	13.8	14	14.5
ILIGAN CITY.....	7894	40.0	1492	17.6	259	32.8	102	12.9	3	10.4
MARAWI CITY.....	512	8.4	143	12.3	22	43.0	0	-	3	15.9

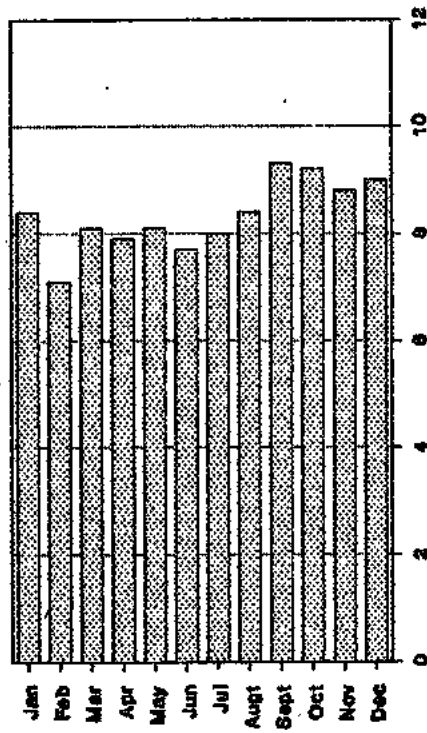
TABLE 6

LIVEBIRTHS, DEATHS, INFANT, MATERNAL & FETAL DEATHS
BY MONTH OF OCCURRENCE
No. & Percent Distribution
PHILIPPINES
1989

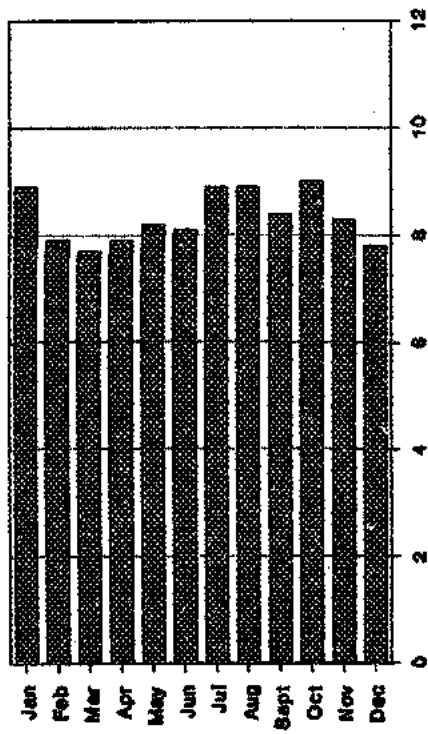
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MONTH	BIRTHS		DEATHS		INFANT DEATHS		MATERNAL DEATHS		FETAL DEATHS	
	No.	%	No.	%	No.	%	No.	%	No.	%
JANUARY.....	132259	8.4	28247	8.7	3840	8.9	169	10.7	973	8.5
FEBRUARY.....	111866	7.1	26128	8.0	3410	7.9	110	7.0	842	7.4
MARCH.....	126413	8.1	26470	8.1	3312	7.7	118	7.5	878	7.7
APRIL.....	123391	7.9	26389	8.1	3383	7.9	137	8.7	873	7.6
MAY.....	126787	8.1	27159	8.3	3523	8.2	136	8.6	967	8.5
JUNE.....	119841	7.7	27152	8.3	3501	8.1	131	8.3	938	8.2
JULY.....	125375	8.0	29120	9.0	3848	8.9	131	8.3	970	8.5
AUGUST.....	131699	8.4	27955	8.6	3834	8.9	122	7.7	998	8.7
SEPTEMBER.....	145698	9.3	26228	8.1	3601	8.4	132	8.4	994	8.7
OCTOBER.....	143444	9.2	27309	8.4	3870	9.0	132	8.4	1130	9.9
NOVEMBER.....	137561	8.8	25840	7.9	3569	8.3	140	8.7	1012	8.9
DECEMBER.....	140920	9.0	27624	8.5	3335	7.8	121	7.7	848	7.4
T O T A L	1565254	100.0	325624	100.0	43026	100.0	1579	100.0	11423	100.0

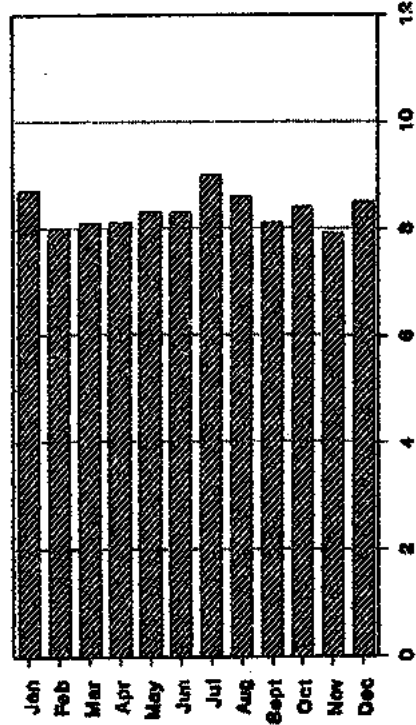
LIVEBIRTHS BY MONTH OF OCCURRENCE
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989



INFANT DEATHS BY MONTH OF OCCURRENCE
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989



DEATHS BY MONTH OF OCCURRENCE
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989



MATERNAL DEATHS BY MONTH OF OCCURRENCE
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989

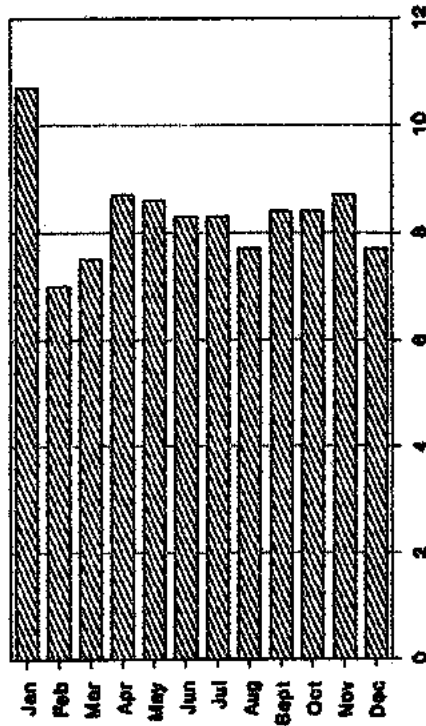


Fig. 6

TABLE 7

TOTAL LIVEBIRTHS, FEMALE POPULATION (15-49 Years)
& FERTILITY RATE BY HEALTH REGION
PHILIPPINES
1989

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A R E A	TOTAL LIVEBIRTHS	FEMALE POPULATION (15 - 49 Years)	FERTILITY RATE
PHILIPPINES.....	1,565,254	15,066,735	103.9
NAT. CAP. REGION....	263,956	2,330,979	113.0
REGION 1.....	116,744	1,012,691	115.3
REGION 2.....	72,794	668,205	108.9
REGION 3.....	168,631	1,510,190	111.7
REGION 4.....	212,863	1,948,174	109.3
REGION 5.....	106,306	959,227	110.8
REGION 6.....	108,686	1,330,637	81.7
REGION 7.....	133,910	1,128,192	118.7
REGION 8.....	55,563	771,485	72.0
REGION 9.....	60,823	800,247	76.0
REGION 10.....	98,324	860,107	114.3
REGION 11.....	119,633	1,050,466	113.9
REGION 12.....	47,621	696,136	68.4

FERTILITY RATE BY REGION PHILIPPINES 1989

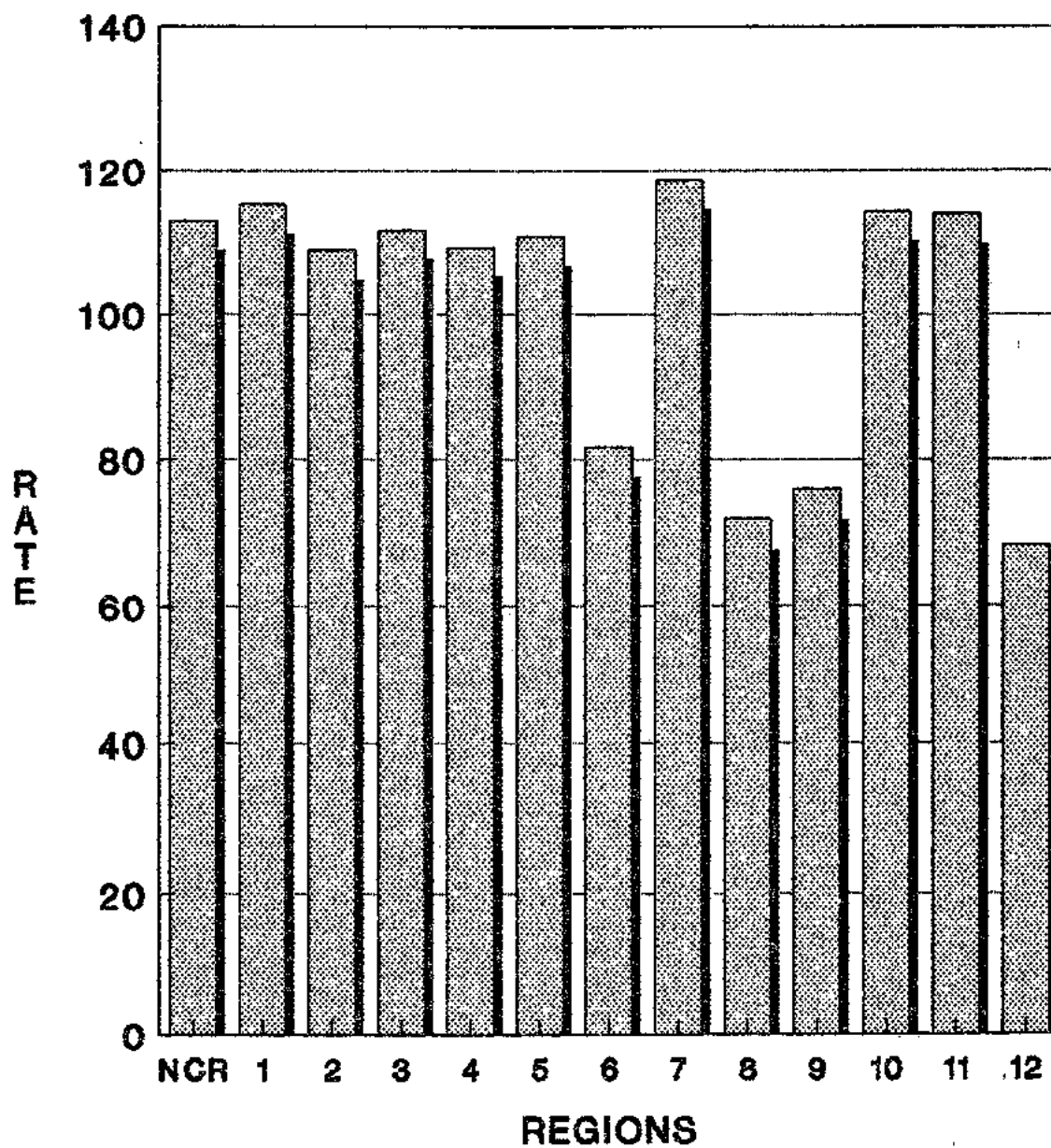


Fig. 7

NATALITY STATISTICS

All birth statistics tabulated and presented in the reports are based on information received by the Office of the Civil Registrar General from all Local Civil Registrars throughout the Philippines.

In 1988, a total 1,565,254 births were registered. This number represents a slight decrease of 118 or 0.01% than that of the 1988 figure.

The crude birth rate of 26.0 in 1989 is slightly lower than that of the 1988 which is 26.7. The average birth rate for the past ten years (1979-1988) is 28.4 per 1,000 population. While the population has increase by 272.1% since 1939; improvement in birth registration during this period was not consistent with the tremendous population increase.

The figure of 1,565,254 represents the total number of livebirths registered in 1989. This does not represent the actual total number of babies born alive in the year but since there is no measure of registration of birth which is valid for the whole country, no correction was made for such.

Trend of Crude Birth - The number of livebirths registered and the corresponding birth rate from 1939 to 1989 is presented in Table 4. During these period, the crude birth rate showed a general declining trend and changes were rather slow and irregular during the later years. For the year 1939, the rate was 32.3 per 1,000 population. Slight changes were observed for the following years (1939-1940). There were no available data during the war years (1941-1945). After World War II (1946) the crude birth rate went down to 28.9 only to rise again the next year and remained stable till 1952. An average of 30 births per 1,000 population prevailed from 1952 to 1959. From then on a declining pattern of the crude birth rate could be observed. However, in the year 1969 and 1970 it went up again to 27.3 and 27.4 respectively. It declined to 25.4 in 1971 and 24.8 in 1972, the lowest ever recorded. The 1972 figure soared to 26.1 in 1973 and went up to 28.8 in 1975 and up again to 30.1 in 1976. A drop to 29.9 was registered for 1977 followed by an increase to 30.5 and 30.7 in 1978 and 1979 respectively. The rates for the decade (1980-1989) showed a declining trend which started in 1981 with 29.5 per 100,000 population and went down to 26.3 in 1985. The average rate for this years 1980-1988 was 28.1 per 100,000 population.

Birth By Sex - Of the total 1,565,254 registered births in 1989, 813,925 are males and 751,329 are females representing 52.2% and 47.8% of the total births respectively. The ratio of male birth to female birth is still a male for every 1.1 female birth.

Birth By Attendant - Of the total births registered for 1989 (1,565,254), 894,698 (57.2%) had the benefit of medical attendance (Table 9 and 10). This figure showed an increase of 22,206 or 2.5% over that of the previous year. It could be observed that a total of 670,556 births or 42.8% were not medically attended. Of these with medical attendance 407,370 or 26.0% were delivered by physicians, 19,396 or 1.2% by nurses and 467,932 or 29.9% by midwives. The National Capital Region registered the highest medically attended deliveries (89.3%) while Region 5 had the lowest 32.9%.

Crude Birth Rate By Area - Table 5 shows that of all the provinces, Davao del Norte registered the highest birth rate of 33.8 per 1,000 population, while Tawi-Tawi had the lowest rate of 1.6. Of the cities, Trece Martires recorded the highest rate of 97.4 while Marawi City had the lowest, 8.4. Of the 13 health regions, National Capital Region topped the group with a birth rate of 34.2 per 1,000 population, while Region 12 registered the lowest rate of 16.6 per 1,000 population. Variations in the crude birth rate in different places all over the country depend largely on the extent of the completeness of birth registrations and do not necessarily depict the fertility of the people in these areas.

Births By Month of Occurrence - Table 6 and Figure 6 show the distribution of births by month of occurrence. It is clearly noted that the month of September had the highest percentage of birth delivered with 9.3% followed by October and December with percentages of 9.2% and 9.0% respectively. The lowest was seen in February with 7.1%.

Birth By Age of Mother and By Sex - Table 11 and figure 9 show the number of births by age of mother and by sex. More than one-half or 58% of all births reported occurred to women in the age group 20-29 years, 7.6% to women below 20 years and 1.2% to women 45 years and over. Male births were more than the female births in almost all age group.

Births By Age of Mother and Number of Living Issues - Living issues refer to the children born alive and are still living at the time of the last delivery of the mother. Excluded from this category were children born alive but died before the delivery of the latest child. Table 12 shows the number of living issues relative to the age of the mother. Generally the number of living issues increase as the age group of mother increases.

General Fertility Rate - The fertility rate of a country is measured in terms of total number of livebirths per 1,000 female population of child bearing age (15-49 years).

In 1989, the female population of such group numbered 15,066,735, while the total livebirths registered was 1,565,254. The fertility rate is 103.9 which is lower by 2.9 or 2.7% than that of the previous year 1988 (106.8).

TABLE 8

LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

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A R E A	BOTH SEXES	M A L E	F E M A L E
PHILIPPINES.....	1,565,254	819,925	751,929
NAT. CAP. REGION....	263,356	137,919	125,497
1ST DIST. MANILA.....	98,812	51,769	47,043
2ND DIST. MUN.....	30,869	16,377	14,492
QUEZON CITY.....	51,985	26,756	24,629
3RD DIST. MUN.....	17,081	8,997	8,084
CALOCAN CITY.....	16,562	8,672	7,890
4TH DIST. MUN.....	39,812	20,347	18,965
PASAY CITY.....	8,835	4,501	4,334
C.A.R.	29,119	15,019	14,100
ABRA.....	2,991	1,496	1,495
BENGUET.....	8,966	4,714	4,252
IFUGAO.....	2,987	1,557	1,430
KALINGA-APAYAO.....	4,390	2,196	2,194
MT. PROVINCE.....	2,693	1,400	1,293
BAGUIO CITY.....	7,092	3,656	3,436
REGION 1	95,002	49,741	45,261
ILOCOS NORTE.....	8,854	4,636	4,218
ILOCOS SUR.....	11,873	6,347	5,526
LA UNION.....	14,927	7,629	7,298
PANGASINAN.....	46,651	24,552	22,099
DAVUPAN CITY.....	7,065	3,643	3,422
LAOAG CITY.....	2,006	1,036	970
SAN CARLOS CITY.....	3,626	1,898	1,728
REGION 2	65,417	34,460	30,937
BATANES.....	351	174	177
CAGAYAN.....	23,431	12,409	11,022
ISABELA.....	30,917	16,406	14,511
NUEVA VIZCAYA.....	7,692	3,912	3,780
QUIRINO.....	3,026	1,579	1,447
REGION 3	169,631	87,891	80,740
BATAAN.....	11,824	6,068	5,756
BULACAN.....	39,364	20,389	18,975
NUEVA ECIJA.....	23,164	12,017	11,147
PAMPANGA.....	36,006	19,008	16,998
TARLAC.....	24,105	12,576	11,529
ZAMBALES.....	9,815	5,159	4,656

TABLE 8

LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	BOTH SEXES	M A L E	F E M A L E
ANGELES CITY.....	8,291	4,318	3,913
CABANATUAN CITY.....	6,548	3,411	3,137
OLONGAPO CITY.....	6,619	3,458	3,161
PALAYAN CITY.....	472	256	216
SAN JOSE CITY.....	2,483	1,291	1,252
REGION 4	212,863	110,276	102,587
AURORA.....	4,502	2,372	2,130
BATANGAS.....	28,686	14,868	13,818
CAVITE.....	17,936	9,276	8,660
LAGUNA.....	29,970	15,567	14,403
MARINDUQUE.....	5,477	2,792	2,685
MINDORO OCC.....	6,654	3,442	3,212
MINDORO OR.....	15,760	8,257	7,503
PALAWAN.....	8,412	4,296	4,116
QUEZON.....	34,596	17,948	16,648
RIZAL.....	29,936	12,375	11,561
ROMBLON.....	6,099	3,119	2,980
BATANGAS CITY.....	6,780	3,465	3,315
CAVITE CITY.....	2,677	1,388	1,289
LIPA CITY.....	5,072	2,636	2,436
LUCENA CITY.....	6,341	3,291	3,050
PUERTO PRINCESA CITY	3,017	1,560	1,457
SAN PABLO CITY.....	5,426	2,775	2,651
ITAGAYTAY CITY.....	440	297	203
TRECE MARTIRES CITY.	1,082	612	470
REGION 5	106,906	54,681	51,625
ALBAY.....	23,947	12,530	11,417
CAMARINES NORTE.....	11,964	6,137	5,827
CAMARINES SUR.....	32,131	16,453	15,678
CATANDUANES.....	5,521	2,773	2,748
MASBATE.....	7,196	3,657	3,539
SORSOGON.....	13,227	6,728	6,499
IRIGA CITY.....	2,428	1,275	1,153
LEGASPI CITY.....	3,560	1,855	1,705
NAGA CITY.....	6,332	3,273	3,059
REGION 6	108,686	56,546	52,140
AKLAN.....	8,737	4,550	4,187
ANTIQUE.....	8,470	4,457	4,013
CAPIZ.....	8,633	4,530	4,103
ILOILO.....	28,348	14,607	13,741
NEGROS OCC.....	25,692	13,363	12,329

TABLE 8

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LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

AREA	BOTH SEXES	MALE	FEMALE
IBACOLOD CITY.....	5,619	2,877	2,742
IBAGO CITY.....	1,923	1,010	913
ICADIZ CITY.....	2,120	1,079	1,041
ILOILO CITY.....	8,966	4,712	4,254
ILA CARLOTA CITY.....	1,039	549	496
IROXAS CITY.....	3,437	1,804	1,633
ISAN CARLOS CITY.....	2,765	1,451	1,394
ISILAY CITY.....	2,917	1,563	1,354
REGION 7	133,910	69,533	64,377
IBOHOL.....	23,976	12,576	11,400
ICEBU.....	41,103	21,215	19,888
INEGROS OR.....	16,408	8,504	7,904
ISQUIJOR.....	1,918	999	919
IBAIS CITY.....	1,506	780	726
ICANLAON CITY.....	1,032	534	498
ICEBU CITY.....	26,752	13,881	12,871
IDANAO CITY.....	2,378	1,274	1,104
IDUMAGUETE CITY.....	3,687	1,917	1,770
ILAPU-LAPU CITY.....	4,611	2,436	2,175
IMANDAWA CITY.....	3,943	1,968	1,975
ITAGBILARAN CITY.....	2,742	1,461	1,281
ITOLEDO CITY.....	3,854	1,988	1,866
REGION 8	55,563	28,712	26,851
ILEYTE DEL NORTE.....	26,744	13,907	12,837
ILEYTE DEL SUR.....	8,446	4,342	4,104
IEASTERN SAMAR.....	3,861	1,928	1,933
INORTHERN SAMAR.....	4,411	2,269	2,142
IWESTERN SAMAR.....	3,016	1,539	1,477
ICALBAYOG CITY.....	1,297	678	619
IFORMOC CITY.....	4,221	2,175	2,046
ITACLOBAN CITY.....	3,567	1,874	1,693
REGION 9	60,823	31,344	29,479
IBASILAN.....	1,963	1,008	955
ISULU.....	1,595	837	758
ITAWI-TAWI.....	382	191	191
IZAMB. DEL NORTE.....	12,438	6,359	6,079
IZAMB. DEL SUR.....	26,293	13,601	12,692

TABLE 8

LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	BOTH SEXES	M A L E	F E M A L E
DAPITAN CITY.....	1,927	1,012	915
DIPOLOG CITY.....	2,462	1,267	1,195
PAGADIAN CITY.....	3,193	1,630	1,563
ZAMBOANGA CITY.....	10,570	5,439	5,131
REGION 10	98,324	51,175	47,149
AGUSAN DEL NORTE....	6,598	3,411	3,127
AGUSAN DEL SUR.....	10,658	5,512	5,146
BUKIDNON.....	25,271	13,210	12,061
CAMIGUIN.....	1,743	918	827
MISAMIS OCC.....	5,983	3,050	2,925
MISAMIS OR.....	12,267	6,426	5,841
SURIGAO DEL NORTE...	6,420	3,257	3,163
BUTUAN CITY.....	6,707	3,501	3,206
CAGAYAN DE ORO.....	11,719	6,155	5,564
GINGOGS CITY.....	2,400	1,244	1,156
OROQUIETA CITY.....	1,588	859	729
IOZAMIS CITY.....	2,975	1,579	1,396
SURIGAO CITY.....	2,922	1,491	1,431
TANGUB CITY.....	1,131	554	577
REGION 11	119,633	61,993	57,640
COTABATO SOUTH.....	19,544	10,058	9,486
DAVAO ORIENTAL.....	8,396	4,386	4,010
DAVAO DEL NORTE.....	32,267	16,804	15,463
DAVAO DEL SUR.....	14,563	7,479	7,084
SURIGAO DEL SUR.....	12,053	6,178	5,875
DAVAO CITY.....	24,501	12,688	11,813
GEN. SANDS CITY.....	8,309	4,400	3,909
REGION 12	47,621	24,615	23,006
NORTH COTABATO.....	14,232	7,477	6,755
ILANAO DEL NORTE.....	9,039	4,658	4,381
ILANAO DEL SUR.....	1,039	546	493
MAGUINDANAO.....	2,397	1,161	1,236
SULTAN KUDARAT.....	9,387	4,771	4,616
COTABATO CITY.....	9,121	1,606	1,515
ILIGAN CITY.....	7,894	4,122	3,772
MARAWI CITY.....	512	274	238

TABLE 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.O.	Nurse	Midwife	Trad. Midwife	Others
PHILIPPINES.....	1565254	407370	19396	467932	647810	22746
NAT. CAP. REGION..	263356	153360	3360	78559	26109	1948
1ST DIST. MANILA..	98812	80270	157	16915	898	632
2ND DIST. MUN.....	30869	17269	424	10412	2606	158
QUEZON CITY.....	51385	29822	225	14005	6778	555
3RD DIST. MUN.....	17081	2970	462	10307	3138	204
CALOCAN CITY....	16562	497	194	6259	4965	167
4TH DIST. MUN.....	39812	13360	624	19032	6630	166
PASAY CITY.....	8895	4692	1294	1629	1154	66
C.A.R.	29119	10600	688	6058	4230	7549
ABRA.....	2991	479	43	792	1624	53
BENGUET.....	8966	2350	409	2244	447	3516
IFUGAO.....	2987	436	92	618	335	1506
KALINGA APAYAO....	4390	397	88	1369	1636	900
MT. PROVINCE.....	2693	651	30	746	103	1163
BAGUIO CITY.....	7092	6287	26	289	85	405
REGION 1	95002	15170	1365	43972	33403	1092
ILOCOS NORTE.....	8854	1274	163	5363	1645	409
ILOCOS SUR.....	11873	1273	179	5138	4873	410
ILA UNION.....	14927	3798	149	6712	4234	34
PANGASINAN.....	46651	2400	801	23975	19283	192
DAGUPAN CITY.....	7065	4665	10	1029	1359	8
LAOAG CITY.....	2006	541	43	944	448	30
SAN CARLOS CITY...	3626	1219	20	817	1561	9
REGION 2	65417	4440	767	21984	35945	2281
BATANES.....	351	62	24	252	13	0
CAGAYAN.....	23431	1175	242	7216	14471	327
ISABELA.....	30917	2063	419	10804	16804	827
NUEVA VIZCAYA....	7692	990	36	2957	2731	978
QUIRINO.....	3026	150	46	755	1926	149
REGION 3	168631	56516	1893	69346	39706	1170
BATAAN.....	11824	3909	78	6466	1951	20
BULACAN.....	39364	12712	318	18573	7181	580
NUEVA ECIJA.....	23164	1374	404	12498	8833	55
PAMPANGA.....	36006	16452	109	12849	6326	270
TARLAC.....	24105	6851	540	9087	7488	139
ZAMBALES.....	9815	2143	148	4020	3460	44

TABLE 9 FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.O.	Nurse	Midwife	Trad. Midwife	Others
ANGELES CITY.....	8231	4018	106	2574	1505	28
CABANATUAN CITY....	6548	4946	22	562	1004	14
OLONGAPO CITY.....	6619	3660	80	1546	1324	9
PALAYAN CITY.....	472	15	13	92	352	0
SAN JOSE CITY.....	2483	436	75	1079	882	11
REGION 4	212863	36775	2846	64455	105066	1721
AURORA.....	4502	354	27	408	3667	46
BATANGAS.....	28686	2677	400	12902	12605	102
CAVITE.....	17936	2883	479	8815	5712	47
LAGUNA.....	29970	6700	364	12525	10110	271
MARINOUQUE.....	5477	387	59	883	4145	3
MINDORO OCC.....	6654	448	78	1094	4891	143
MINDORO OR.....	15760	771	138	1062	13751	38
PALAWAN.....	8412	285	145	1549	6372	61
QUEZON.....	34596	2901	514	7747	22859	575
RIZAL.....	23936	4862	268	11882	6564	360
ROMBLON.....	6099	854	74	1179	3966	32
BATANGAS CITY.....	6780	3262	8	1725	1773	12
CAVITE CITY.....	2677	2025	11	281	359	1
LIPA CITY.....	5072	1560	7	916	2573	16
LUCENA CITY.....	6341	4235	17	106	1977	6
PUERTO PRINCESA....	3017	581	213	414	1806	3
SAN PABLO CITY.....	5426	3063	39	698	1624	2
ITAGAYTAY CITY.....	440	40	5	204	190	1
TRECE MARTIRES.....	1082	887	0	71	122	2
REGION 5	106306	11347	1224	22339	70840	556
ALBAY.....	23947	1354	157	5007	17150	279
CAMARINES NORTE....	11964	760	588	3149	7442	25
CAMARINES SUR.....	32131	548	211	6832	24429	111
CATANDUANES.....	5521	895	75	1180	3364	7
MASBATE.....	7196	932	51	1474	4706	33
SORSOGON.....	13227	1555	41	2607	8992	32
IRIGA CITY.....	2428	143	17	716	1546	6
ILEGASPI CITY.....	3560	1305	30	631	1566	28
INAGA CITY.....	6332	3855	54	743	1645	35
REGION 6	108686	23684	831	22691	60188	1292
AKLAN.....	8797	1236	88	2255	4876	282
ANTIQUE.....	8470	969	75	1944	5436	46
CAPIZ.....	8639	562	45	1430	6580	16
ILOILO.....	28348	4263	119	7288	16246	432
NEGROS OCC.....	25692	2523	284	5987	16714	184

TABLE 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
BACOLOD CITY.....	5619	4478	25	189	930	3
BAGO CITY.....	1929	19	10	734	1119	47
CADIZ CITY.....	2120	59	33	610	1366	52
ILOILO CITY.....	8966	6070	72	752	1851	221
LA CARLOTA CITY....	1039	242	8	244	540	5
LOKAS CITY.....	9437	917	6	795	1776	3
SAN CARLOS CITY....	2785	199	63	458	2064	1
SILAY CITY.....	2917	2147	9	71	696	0
REGION 7	133910	31970	1486	46007	53425	1022
BOMOL.....	23976	972	149	11426	11305	124
CEBU.....	41103	2856	257	19667	18121	202
NEGROS OR.....	16408	762	58	5016	10511	61
SIQUIJOR.....	1918	267	12	1492	145	2
BAIS CITY.....	1506	228	11	249	1022	2
CANLON CITY.....	1032	13	1	135	881	2
CEBU CITY.....	26752	18567	451	3361	4172	201
DANAO CITY.....	2378	562	3	684	759	370
DUMAGUETE CITY....	3687	3113	10	116	444	4
LAPU-LAPU CITY....	4611	789	67	1449	2286	20
MANDAWE CITY.....	3943	280	313	1530	1793	27
TAGBILARAN CITY...	2742	2028	68	629	14	4
TOLEDO CITY.....	3854	1593	86	260	1972	3
REGION 8	55563	10011	725	12181	31754	892
LEYTE DEL NORTE...	26744	2647	388	5903	17286	520
LEYTE DEL SUR.....	8446	1377	129	2338	4389	213
EASTERN SAMAR.....	3861	498	79	1201	2045	38
NORTHERN SAMAR....	4411	590	36	935	2806	44
WESTERN SAMAR.....	3016	318	71	999	1592	36
CALBAYOG CITY.....	1297	468	2	139	666	22
ORMOC CITY.....	4221	1151	11	450	2594	15
TACLOBAN CITY.....	3567	2962	9	216	376	4
REGION 9	60823	8411	1743	20111	30204	354
BASILAN.....	1963	239	63	465	1180	16
SULU.....	1595	425	44	717	403	6
TAWI-TAWI.....	382	71	39	158	100	20
ZAMB. DEL NORTE...	12438	368	76	4598	7973	23
ZAMB. DEL SUR.....	26293	748	865	8675	15789	222

TABLE 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
DAPITAN CITY.....	1927	932	0	264	730	1
DIPOLOG CITY.....	2462	990	6	891	624	11
PASADIAN CITY.....	3193	668	1	1428	1094	2
ZAMBOANGA CITY....	10570	4030	655	2915	2917	59
REGION 10	98324	15173	951	21448	59205	1547
AGUSAN DEL NORTE..	6538	432	116	2154	3798	38
AGUSAN DEL SUR....	10658	472	102	2379	7616	89
BUKIDNON.....	25271	2750	225	4747	16653	896
CAMIGUIN.....	1745	240	17	862	629	3
MISAMIS OCC.....	5983	223	69	2167	3442	82
MISAMIS OR.....	12267	412	66	4305	7404	80
SURIGAO DEL NORTE..	6420	333	56	935	5074	22
BUTUAN CITY.....	6707	2004	9	666	4023	5
CAGAYAN DE ORO....	11719	4824	248	1488	4892	277
GINGOODS CITY.....	2400	362	4	613	1384	37
OROQUIETA CITY....	1588	627	3	517	441	0
OSAMIS CITY.....	2975	996	11	235	1720	13
SURIGAO CITY.....	2922	1327	20	109	1465	1
TAGUB CITY.....	1131	171	5	271	680	4
REGION 11	119633	20948	982	22790	74135	778
COTABATO SOUTH....	19544	1298	162	5215	12802	67
DAVAO ORIENTAL....	8396	660	26	1579	6126	5
DAVAO DEL NORTE...	32267	3691	330	5804	22094	348
DAVAO DEL SUR.....	14563	1756	68	2175	10485	79
SURIGAO DEL SUR...	12053	1683	56	2429	7735	150
DAVAO CITY.....	24501	10317	92	3937	10080	75
GEN. SANTOS CITY..	8309	1543	248	1651	4813	54
REGION 12	47621	6965	515	15991	23600	550
NORTH COTABATO....	14232	675	104	2770	10522	161
ILANAO DEL NORTE...	9039	694	77	5607	2519	142
ILANAO DEL SUR.....	1039	25	39	442	496	37
MAGUINDANAO.....	2397	57	23	896	1415	5
SULTAN KUORAT....	9387	491	54	3569	5196	87
COTABATO CITY.....	3121	1546	62	679	813	21
ILIGAN CITY.....	7894	3175	146	1919	2557	97
IMARAWI CITY.....	512	302	10	109	91	0

TABLE 10

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

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A R E A	TOTAL BIRTHS	PERCENT OF BIRTHS ATTENDED BY:				
		M.O.	Nurse	Midwife	Trad. Midwife	Others
PHILIPPINES.....	1565254	26.0	1.2	29.9	41.4	1.5
INAT. CAP. REGION..	263356	58.2	1.2	29.9	10.0	0.7
1ST DIST. MANILA..	98812	81.2	0.1	17.1	1.0	0.6
2ND DIST. MUN.....	90869	56.0	1.4	33.7	8.4	0.5
QUEZON CITY.....	51385	58.0	0.4	27.3	13.2	1.1
3RD DIST. MUN.....	17081	17.4	2.7	60.3	18.4	1.2
CALOCAN CITY....	16562	30.0	1.2	37.8	30.0	1.0
4TH DIST. MUN.....	39812	33.6	1.6	47.8	16.6	0.4
PASAY CITY.....	9835	53.1	14.7	18.4	13.1	0.7
C.A.R.	29119	36.4	2.3	20.8	14.5	26.0
ABRA.....	2991	16.0	1.4	26.5	54.3	1.8
BENGUET.....	8966	26.2	4.6	25.0	5.0	39.2
IFUGAO.....	2987	14.6	3.1	20.7	11.2	50.4
KALINGA-APAYAO....	4390	9.0	2.0	31.2	37.3	20.5
MT. PROVINCE.....	2693	24.2	1.1	27.7	3.8	43.2
BAGUIO CITY.....	7092	88.6	0.4	4.1	1.2	5.7
REGION 1	95002	16.0	1.4	46.3	35.2	1.1
ILOCOS NORTE.....	8854	14.4	1.8	60.6	18.6	4.6
ILOCOS SUR.....	11873	10.7	1.5	43.3	41.0	3.5
ILA UNION.....	14927	25.4	1.0	45.0	28.4	0.2
PANGASINAN.....	46651	5.2	1.7	51.4	41.3	0.4
DAGUPAN CITY.....	7085	66.0	0.1	14.5	19.3	0.1
LAOAG CITY.....	2006	27.0	2.1	47.1	22.3	1.5
SAN CARLOS CITY....	3626	33.6	0.6	22.5	43.1	0.2
REGION 2	65417	6.8	1.2	33.6	55.0	3.4
BATANES.....	351	17.7	6.8	71.8	3.7	-
CAGAYAN.....	23431	5.0	1.0	30.8	61.8	1.4
ISABELA.....	30917	6.7	1.4	35.0	54.3	2.6
NEUVA VIZCAYA.....	7692	12.9	0.5	38.4	35.5	12.7
QUIRINO.....	3026	5.0	1.5	25.0	63.6	4.9
REGION 3	168631	33.5	1.1	41.1	23.6	0.7
BATAAN.....	11824	33.1	0.7	54.7	11.4	0.1
BULACAN.....	39364	32.3	0.8	47.2	18.2	1.5
NUOVA ECIJA.....	23164	6.0	1.7	54.0	38.1	0.2
PAMPANGA.....	36006	45.7	0.3	35.7	17.6	0.7
TARLAC.....	24105	28.4	2.2	37.7	31.1	0.6
ZAMBALES.....	9815	21.8	1.5	41.0	35.3	0.4

TABLE 10

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	TOTAL BIRTHS	PERCENT OF BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
ANGELES CITY.....	8231	48.8	1.3	31.3	18.3	0.3
CABANATUAN CITY.....	6548	75.5	0.3	8.6	15.3	0.3
OLONGAPO CITY.....	6619	55.3	1.2	23.4	20.0	0.1
PALAYAN CITY.....	472	3.2	2.7	19.5	74.6	-
SAN JOSE CITY.....	2483	17.6	3.0	43.5	35.5	0.4
REGION 4	212863	18.2	1.3	30.3	49.4	0.8
AURORA.....	4502	7.8	0.6	9.1	81.5	1.0
BATANGAS.....	28686	9.3	1.4	45.0	44.0	0.3
CAVITE.....	17936	16.1	2.7	49.1	31.8	0.3
LAGUNA.....	29970	22.4	1.2	41.8	33.7	0.9
MARINDUQUE.....	5477	7.0	1.1	16.1	75.7	0.1
MINDORO OR.....	6654	6.7	1.2	16.4	73.5	2.2
MINDORO OR.....	15760	5.0	0.9	6.7	87.2	0.2
PALAWAN.....	8412	3.4	1.7	18.4	75.8	0.7
QUEZON.....	34596	8.4	1.5	22.4	66.0	1.7
RIZAL.....	23936	20.3	1.1	49.7	27.4	1.5
ROMBLON.....	6099	14.0	1.3	19.2	65.0	0.5
BATANGAS CITY.....	6780	48.1	0.1	25.4	26.2	0.2
CAVITE CITY.....	2677	75.6	0.4	10.5	13.5	-
ILIPA CITY.....	5072	30.8	0.1	18.1	50.7	0.3
LUCENA CITY.....	6341	66.7	0.3	1.7	31.2	0.1
PUERTO PRINCESA.....	3017	19.3	7.1	13.7	59.8	0.1
SAN PABLO CITY.....	5426	56.5	0.7	12.9	29.9	-
TAGAYTAY CITY.....	440	9.1	1.1	46.4	43.2	0.2
TRECE MARTIRES.....	1082	81.9	-	6.6	11.3	0.2
REGION 5	106306	10.7	1.2	21.0	66.6	0.5
ALBAY.....	29947	5.7	0.7	20.9	71.6	1.1
CAMARINES NORTE.....	11964	6.3	5.0	26.3	62.2	0.2
CAMARINES SUR.....	32131	1.7	0.7	21.3	76.0	0.3
CATANDUANES.....	5521	16.2	1.3	21.4	61.0	0.1
MASBATE.....	7196	13.0	0.7	20.5	65.4	0.4
SORSOGON.....	13227	11.8	0.3	19.7	68.0	0.2
IRIGA CITY.....	2428	5.9	0.7	29.5	63.7	0.2
LEGASPI CITY.....	3560	36.7	0.8	17.7	44.0	0.8
NAGA CITY.....	6332	60.9	0.8	11.7	26.0	0.6
REGION 6	108686	21.8	0.8	20.9	55.4	1.1
AKLAN.....	8737	14.2	1.0	25.8	55.8	3.2
ANTIQUE.....	8470	11.4	0.9	23.0	64.2	0.5
CAPIZ.....	8633	6.5	0.5	16.6	76.2	0.2
ILILO.....	28348	15.1	0.4	25.7	57.3	1.5
NEGROS OCC.....	25692	9.8	1.1	23.3	65.1	0.7

TABLE 10

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	TOTAL BIRTHS	PERCENT OF BIRTHS ATTENDED BY:				
		N.D.	Nurse	Midwife	Trad. Midwife	Others
BACOLOD CITY.....	5619	79.7	0.4	3.9	16.5	0.1
BAGO CITY.....	1923	1.0	0.5	38.2	57.9	2.4
CADIZ CITY.....	2120	2.8	1.6	28.8	64.4	2.4
ILOILO CITY.....	8966	67.7	0.8	8.4	20.6	2.5
LA CARLOTA CITY...	1039	23.3	0.8	23.5	52.0	0.4
LOKAS CITY.....	3437	26.7	0.2	21.4	51.7	0.08
SAN CARLOS CITY...	2785	7.1	2.3	16.4	74.1	0.1
SILAY CITY.....	2917	73.6	0.1	2.4	23.9	-
REGION 7	133910	23.9	1.1	34.4	39.9	0.7
BOHOL.....	23976	4.1	0.6	47.7	47.2	0.4
CEBU.....	41109	7.0	0.6	47.8	44.1	0.5
NEGROS OR.....	16408	4.6	0.4	30.6	64.1	0.3
SIGUIJOR.....	1918	13.9	0.6	77.8	7.6	0.1
BAIS CITY.....	1506	15.2	0.7	16.1	67.9	0.1
CANLADON CITY.....	1092	1.2	0.1	13.1	85.4	0.2
CEBU CITY.....	26752	69.4	0.7	12.6	15.6	0.7
DANAO CITY.....	2378	23.6	0.1	28.8	31.9	15.6
DUMAGUETE CITY....	3687	84.4	0.3	3.2	12.0	0.1
LAPU-LAPU CITY....	4611	17.1	1.5	31.4	49.6	0.4
MANDAWA CITY.....	3943	7.1	7.9	38.8	45.5	0.7
TAGBILARAN CITY...	2742	74.0	2.5	22.9	0.5	0.1
TOLEDO CITY.....	3854	39.8	2.2	6.7	51.2	0.1
REGION 8	55563	18.0	1.3	21.9	57.2	1.6
LEYTE DEL NORTE...	26744	9.9	1.5	22.1	64.6	1.9
LEYTE DEL SUR.....	3446	16.3	1.5	27.7	52.0	2.5
EASTERN SAMAR.....	3861	12.9	2.0	31.1	53.0	1.0
NORTHERN SAMAR....	4411	13.4	0.8	21.2	63.6	1.0
WESTERN SAMAR.....	3016	10.5	2.4	33.1	52.8	1.2
CALBAYOG CITY.....	1297	36.1	0.2	10.7	51.3	1.7
ORMOC CITY.....	4221	27.3	0.3	10.7	61.4	0.3
TACLOBAN CITY.....	3567	83.0	0.3	6.1	10.5	0.1
REGION 9	60823	13.8	2.9	33.1	49.7	0.5
BASILAN.....	1963	12.2	3.2	23.7	60.1	0.8
SULU.....	1595	26.6	2.8	45.0	25.2	0.4
TAWI-TAWI.....	382	18.6	8.6	41.4	26.2	5.2
IZAMB. DEL NORTE...	12438	3.0	0.6	37.0	59.3	0.1
IZAMB. DEL SUR.....	26293	2.9	3.3	33.0	60.0	0.8

TABLE 10

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1989

A R E A	TOTAL BIRTHS	PERCENT OF BIRTHS ATTENDED BY:				
		M.O.	Nurse	Midwife	Trad. Midwife	Others
DAPITAN CITY.....	1927	48.4	-	13.7	37.9	-
DIPOLOG CITY.....	2462	37.8	0.2	36.2	25.3	0.5
PAGADIAN CITY.....	3193	21.0	-	44.7	34.3	-
ZAMBOANGA CITY.....	10570	38.1	6.2	27.6	27.6	0.5
REGION 10	98324	15.4	1.0	21.8	60.2	1.6
AGUSAN DEL NORTE...	6538	6.6	1.7	33.0	58.1	0.6
AGUSAN DEL SUR....	10658	4.4	1.0	22.3	71.5	0.8
BUKIDNON.....	25271	10.9	0.9	18.8	65.9	3.5
CAMIGUIN.....	1745	13.8	1.0	49.4	35.7	0.1
MISAMIS OCC.....	5983	3.7	1.2	36.2	57.5	1.4
MISAMIS OR.....	12267	9.4	0.5	35.1	60.4	0.6
SURIGAO DEL NORTE..	6420	5.2	0.9	14.6	79.0	0.3
BUTUAN CITY.....	6707	29.9	0.1	9.9	60.0	0.1
CAGAYAN DE ORD....	11719	41.2	2.1	12.7	41.6	2.4
GINGOOD CITY.....	2400	15.1	0.2	25.5	57.7	1.5
OROCUETA CITY.....	1588	39.5	0.2	32.5	27.8	-
IOZAMIS CITY.....	2975	33.3	0.4	7.9	57.8	0.4
SURIGAO CITY.....	2922	45.4	0.7	3.7	50.1	0.1
TANGUB CITY.....	1131	15.1	0.4	24.0	60.1	0.4
REGION 11	119633	17.5	0.8	19.0	62.0	0.7
COTABATO SOUTH....	19544	6.6	0.8	26.7	65.5	0.4
DAVAO DEL NORTE....	8396	7.9	0.3	18.8	73.0	0.05
DAVAO ORIENTAL....	32267	11.4	1.0	18.0	68.5	1.1
DAVAO DEL SUR.....	14563	12.1	0.5	14.9	72.0	0.5
SURIGAO DEL SUR....	12053	14.0	0.5	20.1	64.2	1.2
DAVAO CITY.....	24501	42.1	3.4	16.1	41.1	0.3
GEN. SANTOS CITY..	8309	18.6	3.0	19.9	57.9	0.6
REGION 12	47621	14.6	1.1	33.6	49.6	1.2
NORTH COTABATO....	14232	4.8	0.7	19.5	73.9	1.1
LANAO DEL NORTE....	9039	7.7	0.9	62.0	27.9	1.5
LANAO DEL SUR.....	1039	2.4	3.8	42.5	47.7	3.6
MAGUINDANAO.....	2997	2.4	0.9	37.4	59.1	0.2
SULTAN KUDARAT....	9387	5.2	0.6	38.0	55.3	0.9
COTABATO CITY.....	3121	49.5	2.0	21.8	26.0	0.7
ILIGAN CITY.....	7894	40.2	1.9	24.3	32.4	1.2
MARAWI CITY.....	512	59.0	1.9	21.3	17.8	-

BIRTHS BY ATTENDANCE PHILIPPINES 1989

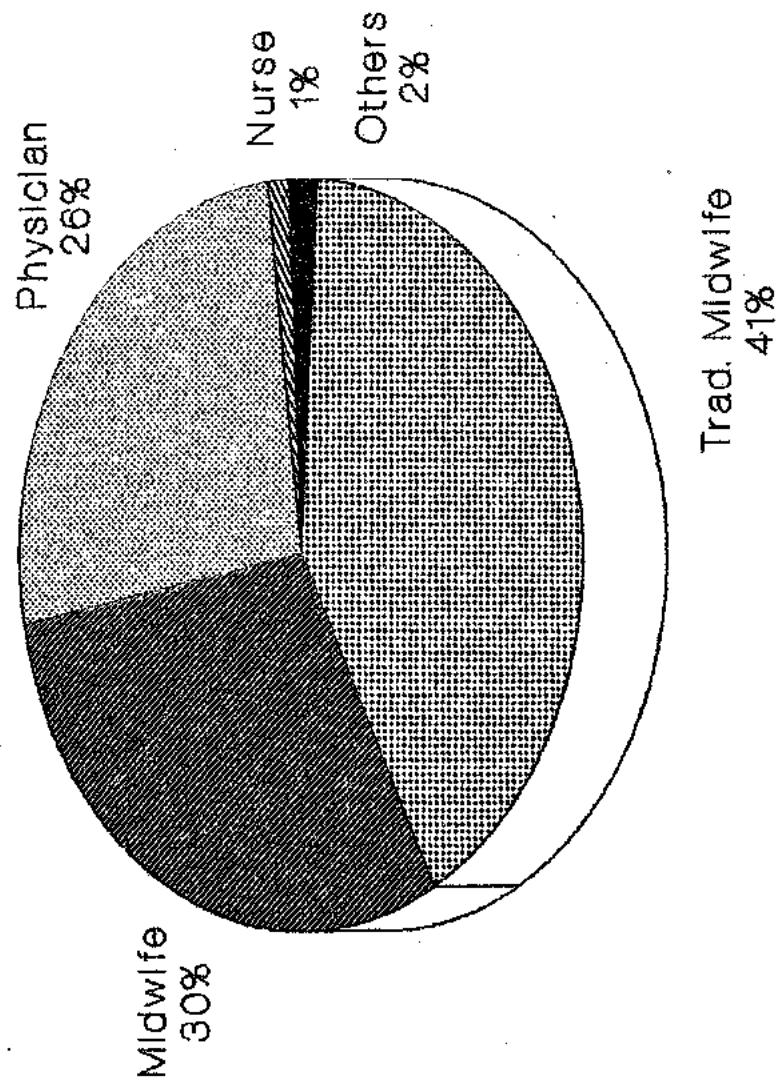


Fig. 8

TABLE 11

LIVEBIRTHS BY AGE OF MOTHER & BY SEX
PHILIPPINES
1989

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AGE OF MOTHER	BOTH SEXES	PERCENTAGE DISTRIBUTION	MALE	FEMALE
	NUMBER		NUMBER	NUMBER
ALL AGES.....	1,565,254	100.0	813,925	751,329
Under 15 years.....	307	0.02	211	96
15 - 19 years.....	119,130	7.6	68,370	50,760
20 - 24 years.....	449,473	28.7	239,214	210,259
25 - 29 years.....	460,591	29.4	234,410	226,181
30 - 34 years.....	296,298	19.0	148,084	148,214
35 - 39 years.....	166,389	10.6	81,312	85,077
40 - 44 years.....	53,396	3.4	28,487	24,909
45- 49 years.....	8,457	0.5	4,887	3,573
50 years & Over.....	1,130	0.1	814	316
Not Stated.....	10,083	0.6	8,139	1,944

LIVEBIRTHS BY AGE OF MOTHER & BY SEX PHILIPPINES 1989

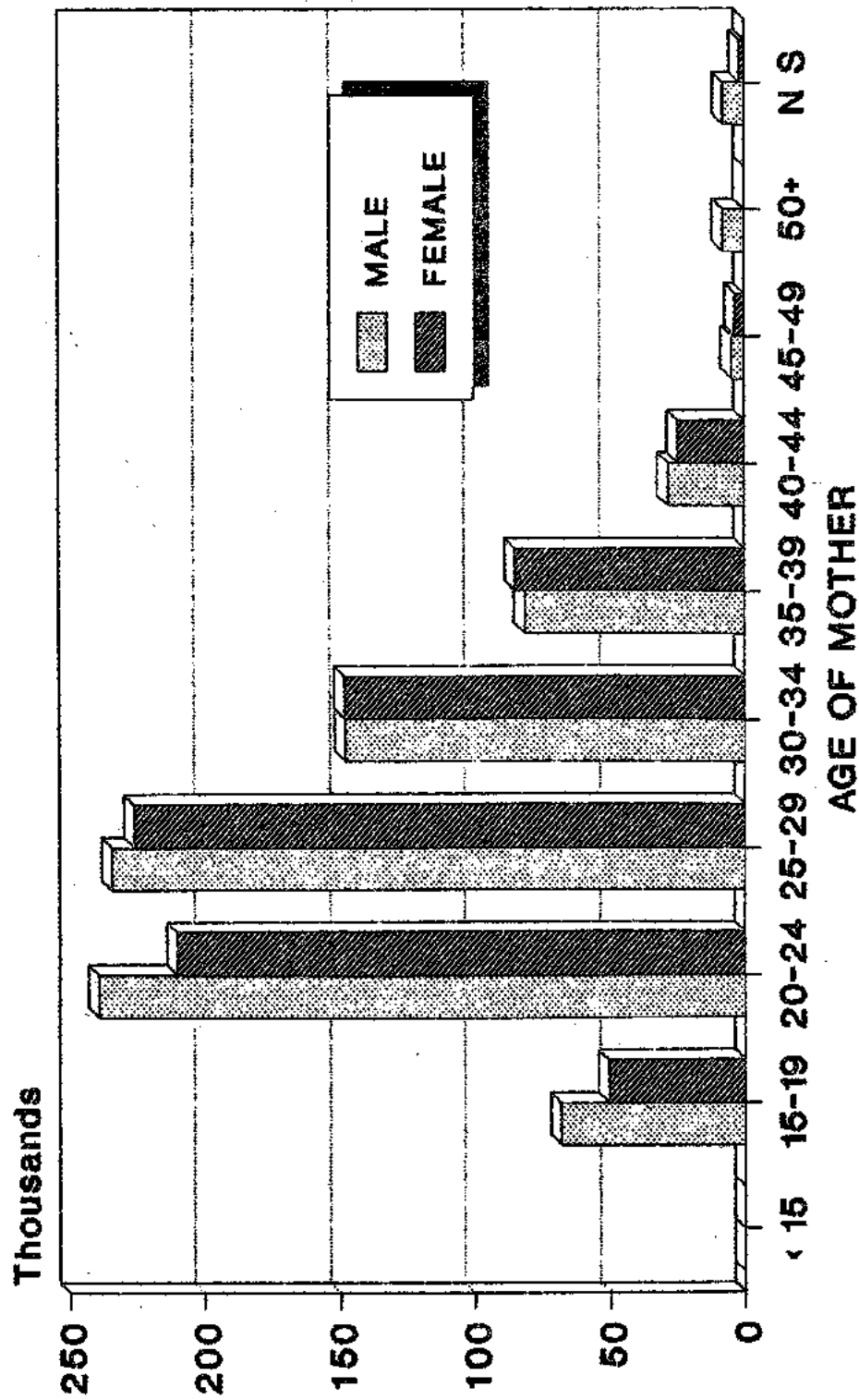


Fig. 9

TABLE 12

LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING ISSUES
PHILIPPINES
1989

AGE OF MOTHER (In Years)	TOTAL	NUMBER OF LIVING ISSUES				
		1	2	3	4	5
ALL AGES.....	1565254	436517	356047	267774	181648	118252
Under 15 years.....	307	307	-	-	-	-
15 - 19 years.....	119130	90243	23863	2969	350	83
20 - 24 years.....	449473	196514	151640	72812	21431	4684
25 - 29 years.....	460591	100563	116986	109736	74741	36897
30 - 34 years.....	296298	32420	45164	56517	54623	45326
35 - 39 years.....	166389	10707	13846	20344	24088	24074
40 - 44 years.....	53396	2555	2453	3642	4920	5768
45- 49 years.....	8457	542	389	418	586	750
50 years & Over.....	1130	102	80	71	93	134
Not Stated.....	10083	2564	1626	1265	815	536

LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING ISSUES
PHILIPPINES
1988

AGE OF MOTHER (In Years)	NUMBER OF LIVING ISSUES					
	6	7	8	9	10 & OVER	NOT STATED
ALL AGES.....	76846	49193	30365	18290	7734	22589
Under 15 years.....	-	-	-	-	-	-
15 - 19 years.....	1	2	1	0	0	1618
20 - 24 years.....	1202	409	128	65	65	524
25 - 29 years.....	13724	3847	1000	106	106	2716
30 - 34 years.....	31254	17196	7770	767	767	2540
35 - 39 years.....	22829	19564	13928	3372	3372	5024
40 - 44 years.....	6455	6847	6382	2775	2775	6074
45- 49 years.....	848	975	919	560	560	1558
50 years & Over.....	137	115	84	50	50	175
Not Stated.....	396	238	153	39	39	2360

NOTIFIABLE DISEASES STATISTICS

Statistics on notifiable diseases presented and analyzed in this report were collected from the Morbidity Reports (HIS Form No. 3), received weekly from all provincial and city health offices throughout the country.

In accordance with Act. 3573 (Law on Reporting of Notifiable Diseases), the Department of Health issued the following list of notifiable diseases in 1984: Cholera, Plague, Smallpox, Yellow Fever, Accidents, AIDS, Bronchitis, Dengue Hemorrhagic Fever, Diarrheas, Diphtheria, Diseases of the Heart, Accidents, Filariasis, Gonococcal Infections, Hepatitis Viral, Influenza, Leprosy, Malaria, Malignant Neoplasms, Measles, Pneumonias, Poliomyelitis, Schistosomiasis, Syphilis, Tetanus, T.B. Meningitis, T.B. Other Forms, Typhoid and Paratyphoid Fever and Other Salmonella Infections and Whooping Cough. The first four (4) diseases are quarantinable.

All notifiable diseases in the Philippines are communicable except Malignant Neoplasms, Diseases of the Heart and Accidents.

Trend of Notifiable Diseases - The morbidity and mortality from notifiable diseases for the past 20 years are shown in Table 18. It may be noted that deaths from notifiable diseases showed a continued declining trend except Malignant Neoplasms and Measles which increased in 1987. The incidence of Schistosomiasis, Typhoid and Paratyphoid Fever and Other Salmonella Infections, Infectious Hepatitis, Malaria, Diarrheas and Leprosy showed a generally increasing trend during the 20-year period (1969-1989). Improved method of reporting and notification were mainly responsible for the increase in number of reported cases. On the other hand, the incidence of Gonococcal Infection, Diphtheria, Acute Poliomyelitis, Whooping Cough and Tetanus had generally decreased from 1969-1989. Measles and Influenza present irregular trends on account of outbreaks at almost yearly intervals, while Malignant Neoplasms had consistently increased in incidence and mortality.

Figure 27 presents the trend from 1939 to 1989 of the death rate from communicable diseases as a group, in comparison with that of Malignant Neoplasms and Diseases of the Heart. It may be noted that while the mortality rate of communicable diseases presented a generally decreasing pattern, those of the Diseases of the Heart and Malignant Neoplasms showed distinctive increasing trends.

Leading Causes of Morbidity - The ten (10) leading causes of Morbidity in 1989 and for the past 5 years (1984-1988) are shown in Table 13 and Figure 10. Of these diseases, three (3) Respiratory Diseases, namely: Bronchitis, Pneumonias and Tuberculosis which occupied first, fourth and fifth positions with a total of 1,335,878 or 2222.8 per 100,000 population. One (1) is Gastro-intestinal namely: Diarrheal Diseases which ranked third with a total of 741,733 cases or 1234.2 per 100,000 population. Two (2) are Viral Diseases - Influenza and Measles which occupied second and ninth places respectively. The former had total of 773,802 cases or 1287.5 per 100,000 population and the latter had a total of 68,496. One is parasitic - Malaria which is in seventh position with a total of 125,114 cases or 208.2 per 100,000 population. The last three (3) diseases are non-communicable - Accidents with 250.0 per 100,000 population, Diseases of the Heart with 164.4 per 100,000 population and Malignant Neoplasms with 56.2 per 100,000 population.

Seasonal Variations - The seasonal variations and expected limits of weekly incidence of selected notifiable diseases are shown in Table 17. Diarrheas, Measles, Influenza, Diphtheria and Varicella showed variation of seasonal incidence.

The expected limits of the weekly number of cases are computed as follows: From the number of cases reported for each morbidity calendar week for the past 5 years, three central figures are selected by eliminating the highest and lowest figures. The average of the middle-most figure (median) and the highest of the three central figures is taken as the upper limit representing the maximum limit for the expected weekly number of cases. The lower limit is the average of the middle-most figure and the lowest of the three central figures.

Age - The age distribution of the cases of notifiable diseases is shown in Table 15. Each diseases has its particular distribution as to age. Some of them were mostly confined in the younger age group such as Diphtheria, Measles, Whooping Cough, Varicella, Poliomyelitis, Diarrhea and H-Fever. A few of them such as Tuberculosis, All Forms, Leprosy, Malignant Neoplasms, Diseases of the Heart and Accidents were confined to the older age groups. The rest of the notifiable diseases were almost evenly distributed among the different age group.

S e x - The sex classification of the reported cases of notifiable diseases is shown in Table 15. It is noted that there was no significant sex difference among the cases, while in some age groups, the number of cases for the either sex may be slightly higher than the other, yet sex did not seem to play an important role in the incidence of these diseases.

Geographical Distribution - The notifiable diseases were almost evenly distributed throughout the country with a few exception. Schistosomiasis for instance was highly endemic in Health Regions 8, 10, 11 and 12, while Filariasis was prevalent in Health Regions 1, 3, and 11. Malaria affected mostly the hinterlands and newly opened settlement areas. As shown in Table 16, practically the same disease problems were present in all thirteen (13) Health Regions in the country.

TABLE 13

45

MORBIDITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
5-YEAR AVERAGE (1984-1988) & 1989

C A U S E	5-Year Average (1984-1988)		1 9 8 9	
	NUMBER	RATE	NUMBER	RATE
1. BRONCHITIS.....(466)	639729	1142.6	893550	1486.8
2. INFLUENZA.....(487)	474151	846.8	773802	1287.5
3. DIARRHEAL DISEASES.....(002-009)	574854	1026.7	741733	1234.2
4. PNEUMONIAS.....(480-486)	194847	348.0	232056	386.1
5. TUBERCULOSIS, ALL FORMS....(010-018;137)	161482	288.4	210272	349.9
6. ACCIDENTS*.....(800-999;E800-E949)	102491	183.0	150257	250.0
7. MALARIA.....(084)	117878	210.5	125114	208.2
8. DISEASES OF THE HEART*.....(390-398;402-404;410-429)	78957	141.0	98813	164.4
9. MEASLES.....(055)	70064	125.1	68496	114.0
10. MALIGNANT NEOPLASMS.....(140-239)	26316	47.0	33777	56.2

* DECLARED NOTIFIABLE DISEASES IN 1984.

MORBIDITY: TEN (10) LEADING CAUSES

Rate per 100,000 Population
Phils., 5 Yr. Ave.(1984-1988) & 1989

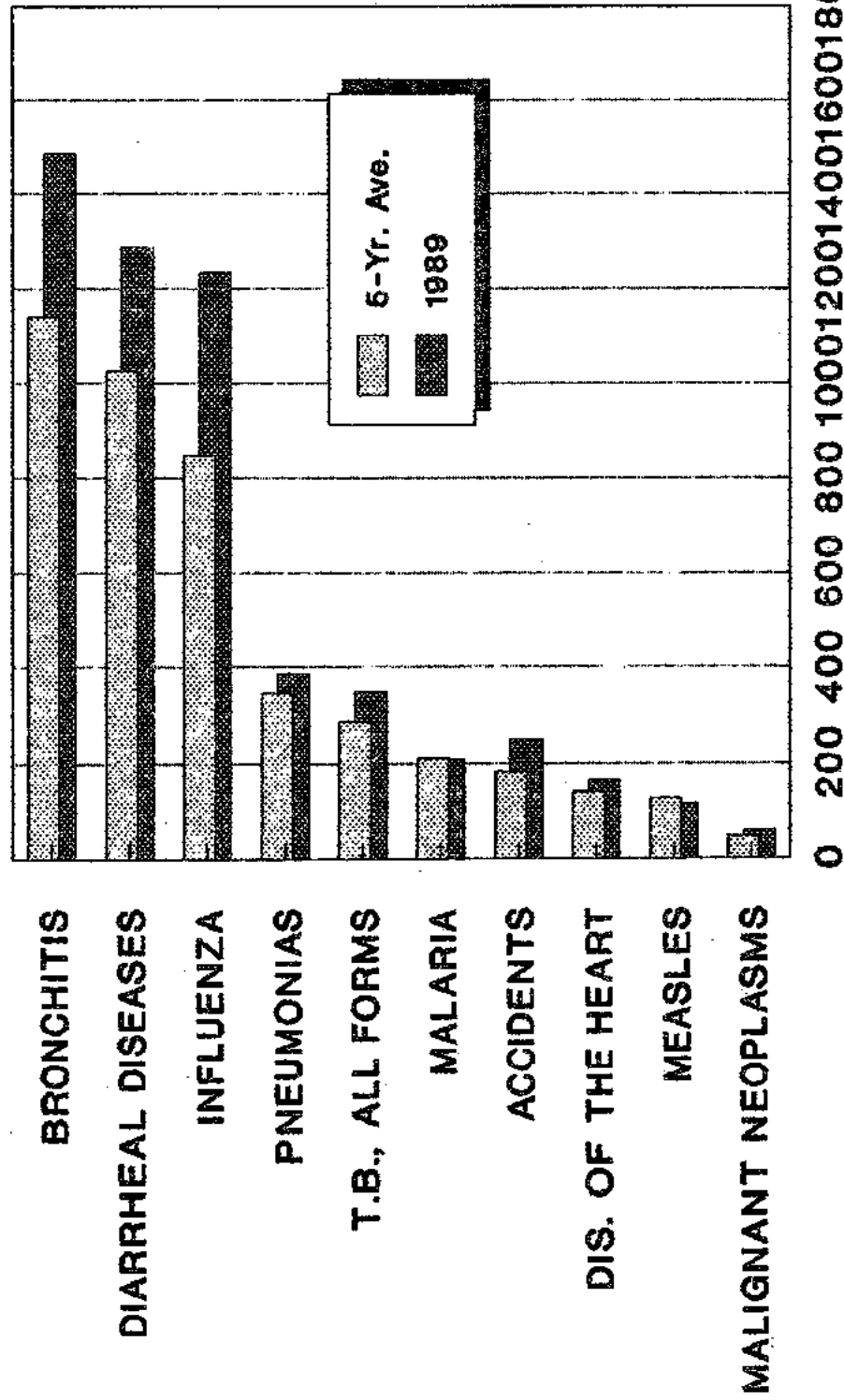


Fig. 10

TABLE 14

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MORBIDITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Population
PHILIPPINES
1989

CAUSES	NATIONAL CAPITAL REGION	
	NUMBER	RATE
1. BRONCHITIS.....	43,811	568.2
2. DIARRHEAS.....	33,858	439.1
3. PNEUMONIAS.....	17,022	220.8
4. DISEASES OF THE HEART.....	13,892	180.2
5. T.B. ALL FORMS.....	12,268	159.1
6. INFLUENZA.....	12,096	156.9
7. MEASLES.....	9,113	118.2
8. MALIGNANT NEOPLASMS.....	7,721	100.1
9. ACCIDENTS.....	5,202	67.5
10. VARICELLA.....	1,657	21.5

MORBIDITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Population
PHILIPPINES
1989

CAUSES	CORDILLERA AUTONOMOUS REGION	
	NUMBER	RATE
1. DIARRHEAS.....	26,079	2273.7
4. INFLUENZA.....	20,141	1756.0
3. MALARIA.....	15,386	1341.4
4. BRONCHITIS.....	15,161	1321.8
5. ACCIDENTS.....	8,938	779.3
6. PNEUMONIAS.....	6,526	569.0
7. MEASLES.....	3,450	301.5
8. DISEASES OF THE HEART.....	1,988	173.3
9. T.B. ALL FORMS.....	1,618	141.1
10. MALIGNANT NEOPLASMS.....	960	83.7

TABLE 14

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

REGION 1			REGION 2		
CAUSE	NUMBER	RATE	CAUSE	NUMBER	RATE
Diarrheas.....	33379	972.8	Influenza.....	52915	2189.1
Bronchitis.....	30733	895.7	Diarrheas.....	41603	1724.4
Influenza.....	19105	556.8	Bronchitis.....	41166	1706.3
TB All Forms.....	10652	310.4	Malaria.....	22903	949.3
Pneumonias.....	9764	284.6	TB All Forms.....	12026	498.5
Diseases of the Heart.....	6178	180.0	Accidents.....	10717	444.2
Accidents.....	4720	137.6	Pneumonias.....	10020	415.3
Measles.....	2564	77.6	Diseases of the Heart.....	6280	260.3
Malignant Neoplasms....	2606	75.9	Measles.....	2616	108.4
Infectious Hepatitis..	736	21.4	Malignant Neoplasms....	1150	47.7

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

[illegible]

TABLE 13

45

MORBIDITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
5-YEAR AVERAGE (1984-1988) & 1989

C A U S E	5-Year Average (1984-1988)		1 9 8 9	
	NUMBER	RATE	NUMBER	RATE
1. BRONCHITIS.....(466)	639729	1142.6	893550	1486.8
2. INFLUENZA.....(487)	474151	846.8	773802	1287.5
3. DIARRHEAL DISEASES.....(002-009)	574854	1026.7	741733	1234.2
4. PNEUMONIAS.....(480-486)	194847	348.0	232056	386.1
5. TUBERCULOSIS, ALL FORMS....(010-018; 137)	161482	298.4	210272	349.9
6. ACCIDENTS*.....(800-999; E800-E949)	102491	183.0	150257	250.0
7. MALARIA.....(084)	117878	210.5	125114	208.2
8. DISEASES OF THE HEART*.....(390-398; 402-404; 410-429)	78957	141.0	98813	164.4
9. MEASLES.....(055)	70064	125.1	68496	114.0
10. MALIGNANT NEOPLASMS.....(140-239)	26316	47.0	33777	56.2

* DECLARED NOTIFIABLE DISEASES IN 1984.

MORBIDITY: TEN (10) LEADING CA

Rate per 100,000 Population

Phils., 5 Yr. Ave.(1984-1988) & 1989

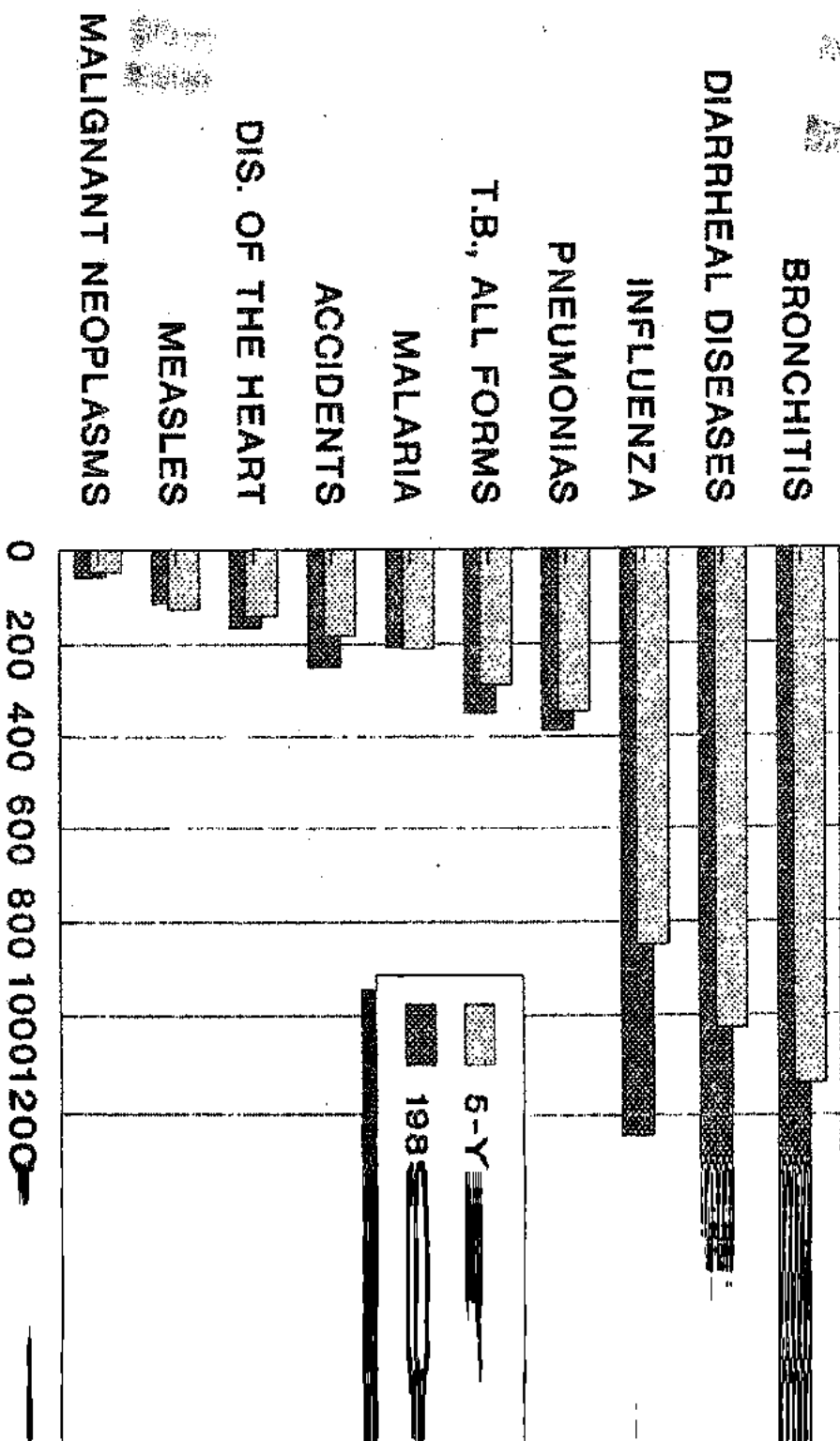


Fig. 10

MORBIDITY: TEN (10) LEADING CAUSES

Rate per 100,000 Population
Phils., 5 Yr. Ave.(1984-1988) & 1989

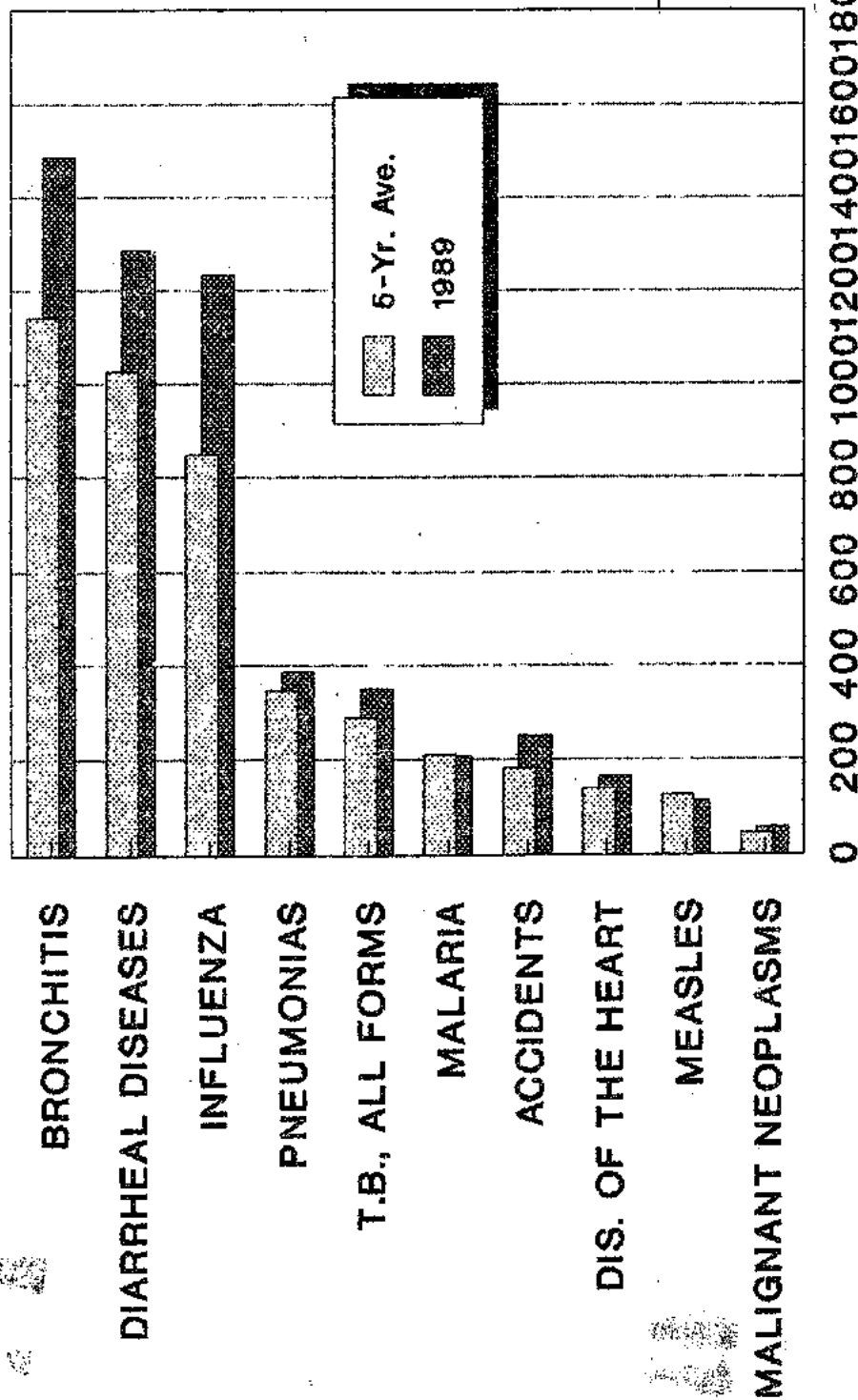


Fig. 10

TABLE 14

47

MORBIDITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Population
PHILIPPINES
1989

CAUSES	NATIONAL CAPITAL REGION	
	NUMBER	RATE
1. BRONCHITIS.....	43,811	568.2
2. DIARRHEAS.....	93,858	439.1
3. PNEUMONIAS.....	17,022	220.8
4. DISEASES OF THE HEART.....	13,892	180.2
5. T.B. ALL FORMS.....	12,268	159.1
6. INFLUENZA.....	12,096	156.9
7. MEASLES.....	9,113	118.2
8. MALIGNANT NEOPLASMS.....	7,721	100.1
9. ACCIDENTS.....	5,202	67.5
10. VARICELLA.....	1,657	21.5

MORBIDITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Population
PHILIPPINES
1989

CAUSES	CORDILLERA AUTONOMOUS REGION	
	NUMBER	RATE
1. DIARRHEAS.....	26,079	2273.7
2. INFLUENZA.....	20,141	1756.0
3. MALARIA.....	15,386	1341.4
4. BRONCHITIS.....	15,161	1321.8
5. ACCIDENTS.....	8,938	779.3
6. PNEUMONIAS.....	6,526	569.0
7. MEASLES.....	3,458	301.5
8. DISEASES OF THE HEART.....	1,988	173.3
9. T.B. ALL FORMS.....	1,618	141.1
10. MALIGNANT NEOPLASMS.....	960	83.7

TABLE 14

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

REGION 1			REGION 2		
CAUSE	NUMBER	RATE	CAUSE	NUMBER	RATE
Diarrheas.....	33979	972.8	Influenza.....	52815	2189.1
Bronchitis.....	30739	895.7	Diarrheas.....	41603	1724.4
Influenza.....	19105	556.8	Bronchitis.....	41166	1706.3
TB All Forms.....	10652	310.4	Malaria.....	22903	949.3
Pneumonias.....	9764	284.6	TB All Forms.....	12026	498.5
Diseases of the Heart..	6178	180.0	Accidents.....	10717	444.2
Accidents.....	4720	137.6	Pneumonias.....	10020	415.3
Measles.....	2664	77.6	Diseases of the Heart..	6280	260.3
Malignant Neoplasms...	2606	75.9	Measles.....	2616	108.4
Infectious Hepatitis...	736	21.4	Malignant Neoplasms...	1150	47.7

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

REGION 3			REGION 4		
CAUSE	NUMBER	RATE	CAUSE	NUMBER	RATE
Diarrheas.....	87479	1460.6	Diarrheas.....	99136	1255.3
Bronchitis.....	69580	1168.1	Influenza.....	62952	797.1
Influenza.....	43466	729.7	Bronchitis.....	43189	546.9
TB All Forms.....	18917	317.6	Malaria.....	29558	374.3
Pneumonias.....	14961	251.2	TB All Forms.....	28347	358.9
Diseases of the Heart..	10825	181.7	Diseases of the Heart..	16142	204.4
Accidents.....	10758	180.6	Pneumonias.....	14327	181.4
Malaria.....	5641	94.7	Accidents.....	11585	146.7
Measles.....	4891	82.1	Measles.....	6187	78.3
Malignant Neoplasms...	4034	67.7	Malignant Neoplasms...	4060	51.4

TABLE 14

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MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

REGION 5			REGION 6		
CAUSE	NUMBER	RATE	CAUSE	NUMBER	RATE
Bronchitis.....	123420	2875.2	Bronchitis.....	61983	1115.7
Diarrheas.....	59909	1395.6	Diarrheas.....	59123	1064.2
Influenza.....	50833	1184.2	Influenza.....	53546	963.8
TB All Forms.....	28870	672.6	TB All Forms.....	25068	451.2
Pneumonias.....	26645	620.7	Pneumonias.....	13679	246.2
Diseases of the Heart..	6822	158.9	Accidents.....	13388	241.0
Accidents.....	6651	154.9	Diseases of the Heart..	8184	147.3
Measles.....	6235	145.3	Measles.....	4915	88.5
Malaria.....	3887	90.6	Malignant Neoplasms...	3069	55.2
Malignant Neoplasms...	1539	35.9	Infectious Hepatitis...	1756	31.6

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

REGION 7			REGION 8		
CAUSE	NUMBER	RATE	CAUSE	NUMBER	RATE
Diarrheas.....	73914	1631.2	Bronchitis.....	63815	1933.1
Influenza.....	64762	1429.3	Diarrheas.....	47420	1436.4
Bronchitis.....	28320	625.0	Influenza.....	26137	791.7
Pneumonias.....	16559	365.4	Pneumonias.....	20793	629.9
TB All Forms.....	16244	358.5	TB All Forms.....	9199	278.5
Accidents.....	12696	280.2	Accidents.....	7277	220.4
Diseases of the Heart..	9080	200.4	Schistosomiasis.....	7042	213.3
Measles.....	5897	130.1	Measles.....	4938	149.6
Malignant Neoplasms...	3337	73.6	Diseases of the Heart..	4642	140.6
Whooping Cough.....	2277	50.3	Malignant Neoplasms...	1195	36.2

TABLE 14

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

REGION 9			REGION 10		
CAUSE	NUMBER	RATE	CAUSE	NUMBER	RATE
Influenza.....	153403	4904.7	Bronchitis.....	85137	2414.5
Bronchitis.....	90650	2898.3	Influenza.....	69762	1978.4
Accidents.....	21316	681.5	Diarrheas.....	55510	1574.9
Pneumonias.....	18767	600.0	Pneumonias.....	23133	656.1
Malaria.....	18094	578.5	Accidents.....	11971	339.5
Diarrheas.....	17832	570.1	TB All Forms.....	11782	334.1
TB All Forms.....	14009	447.9	Malaria.....	9601	272.3
Measles.....	3685	117.8	Diseases of the Heart.....	5846	165.8
Diseases of the Heart.....	2478	79.2	Measles.....	5260	149.2
Schistosomiasis.....	2309	73.8	Schistosomiasis.....	3165	89.8

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Population
PHILIPPINES
1989

REGION 11			REGION 12		
CAUSE	NUMBER	RATE	CAUSE	NUMBER	RATE
Bronchitis.....	132351	3052.7	Diarrheas.....	68099	2371.3
Influenza.....	89627	2067.3	Bronchitis.....	64234	2236.7
Diarrheas.....	62856	1449.8	Pneumonias.....	16784	584.4
Accidents.....	55157	1272.2	Influenza.....	16448	572.7
Pneumonias.....	23133	533.6	TB All Forms.....	11131	387.6
Malaria.....	13177	303.9	Accidents.....	8590	299.1
Schistosomiasis.....	11104	256.1	Malaria.....	5686	198.0
TB All Forms.....	10141	233.9	Diseases of the Heart.....	4648	161.9
Measles.....	4573	105.5	Measles.....	4064	141.5
Diseases of the Heart.....	3915	90.3	Varicella.....	2735	95.2

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

51

AGE & SEX	TYPHOID & PARATYPHOID FEVER & OTHER SALMONELLA INF. (002-003)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	10676	7118	17794	29.6	735	498	1233	2.0
Under 1 yr.....	171	199	370	21.3	17	11	28	1.6
1 - 4 yrs.....	512	377	889	13.4	44	47	91	1.4
5 - 9 yrs.....	920	440	1376	17.7	48	25	73	0.9
10 - 14 yrs.....	833	676	1509	20.6	50	40	90	1.2
15 - 19 yrs.....	1313	747	2060	32.2	94	63	157	2.4
20 - 24 yrs.....	1196	1224	2420	42.1	77	58	135	2.4
25 - 29 yrs.....	1100	783	1883	37.4	70	40	110	2.2
30 - 34 yrs.....	1014	512	1526	35.0	71	41	112	2.6
35 - 39 yrs.....	769	441	1210	33.7	47	35	82	2.3
40 - 44 yrs.....	875	406	1281	46.4	32	19	51	1.8
45 - 49 yrs.....	502	221	723	32.3	37	16	53	2.4
50 - 54 yrs.....	299	214	513	29.3	18	22	40	2.3
55 - 59 yrs.....	374	320	694	49.8	29	18	47	3.4
60 - 64 yrs.....	352	220	580	50.3	25	14	39	3.4
65 - 69 yrs.....	288	178	466	51.1	28	16	44	4.8
70 yrs. & Over.....	149	142	291	21.8	47	33	80	6
Not Stated.....	1	2	3	-	1	0	1	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	DIARRHEAS (004-009)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	438364	303369	741733	1234.2	3954	2939	6893	11.5
Under 1 yr.....	85919	84337	170256	9789.8	1226	896	2122	122.0
1 - 4 yrs.....	115728	125898	241626	3632.6	1346	1007	2353	35.4
5 - 9 yrs.....	67508	18202	85710	1105.8	351	258	609	7.8
10 - 14 yrs.....	41206	7988	49094	672.1	91	64	155	2.1
15 - 19 yrs.....	21918	12438	34356	536.7	51	37	88	1.4
20 - 24 yrs.....	23672	13955	37627	655.3	40	38	78	1.4
25 - 29 yrs.....	20603	12135	32738	651.1	69	32	101	2
30 - 34 yrs.....	10959	6674	17633	405.1	44	37	81	1.9
35 - 39 yrs.....	13151	4551	17702	493.3	55	42	97	2.7
40 - 44 yrs.....	8767	4247	13014	471.3	50	35	85	3.1
45 - 49 yrs.....	5699	3034	8733	390.7	57	28	85	3.8
50 - 54 yrs.....	4822	1820	6642	378.9	63	33	96	5.5
55 - 59 yrs.....	3507	1517	5024	360.8	60	33	93	6.7
60 - 64 yrs.....	4384	3944	8328	722.9	73	60	133	11.5
65 - 69 yrs.....	6137	910	7047	773.0	84	52	136	14.9
70 yrs. & Over.....	3945	1456	5401	405.4	294	287	581	43.6
Not Stated.....	439	363	802	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	TUBERCULOSIS, ALL FORMS (010-018;137)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	109449	97059	206508	343.6	16769	9531	26300	49.8
Under 1 yr.....	1313	1941	3254	187.1	21	22	43	2.5
1 - 4 yrs.....	3502	3300	6802	102.3	61	49	110	1.7
5 - 9 yrs.....	3393	3203	6596	85.1	42	33	75	1.0
10 - 14 yrs.....	3721	3009	6730	92.1	32	20	52	0.7
15 - 19 yrs.....	4925	4368	9293	145.2	393	290	683	10.7
20 - 24 yrs.....	5144	4853	9997	174.1	413	261	674	11.7
25 - 29 yrs.....	6348	6018	12366	245.9	610	426	1036	20.6
30 - 34 yrs.....	7224	6600	13824	317.6	707	443	1150	26.4
35 - 39 yrs.....	8209	7765	15974	445.2	975	539	1514	42.2
40 - 44 yrs.....	9413	8929	18342	664.2	987	479	1466	53.1
45 - 49 yrs.....	8646	9026	17672	790.5	1294	572	1866	83.5
50 - 54 yrs.....	10288	8638	18926	1079.6	1670	723	2393	136.5
55 - 59 yrs.....	9194	7571	16765	1204.0	1742	764	2506	180.0
60 - 64 yrs.....	8099	6988	15087	1309.6	1952	916	2868	249.0
65 - 69 yrs.....	7880	6114	13994	1535.0	1843	1077	2920	320.3
70 yrs. & Over.....	11929	8541	20470	1536.4	4025	2916	6941	521.0
Not Stated.....	221	195	416	-	2	1	3	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	LEPROSY (030)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	2549	1679	4228	7.0	62	33	95	0.2
Under 1 yr.....	20	25	45	2.6	3	0	3	0.2
1 - 4 yrs.....	115	59	174	2.6	0	0	0	-
5 - 9 yrs.....	125	123	248	3.2	1	0	1	0.01
10 - 14 yrs.....	107	124	231	3.2	0	0	0	-
15 - 19 yrs.....	140	280	428	6.7	2	1	3	0.05
20 - 24 yrs.....	257	132	389	6.8	0	0	0	-
25 - 29 yrs.....	265	134	399	7.9	2	3	5	0.1
30 - 34 yrs.....	273	117	390	9.0	4	1	5	0.1
35 - 39 yrs.....	250	148	398	11.1	6	1	7	0.2
40 - 44 yrs.....	191	107	298	10.8	2	2	4	0.1
45 - 49 yrs.....	173	158	331	14.8	5	4	9	0.4
50 - 54 yrs.....	124	76	200	11.4	6	1	7	0.4
55 - 59 yrs.....	158	37	195	14.0	7	1	8	0.6
60 - 64 yrs.....	94	60	154	13.4	6	2	8	0.7
65 - 69 yrs.....	122	45	167	18.3	5	2	7	0.8
70 yrs. & Over.....	135	46	181	13.6	13	15	28	2.1
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	DIPHTHERIA (032)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	739	558	1297	2.2	49	68	117	0.2
Under 1 yr.....	185	136	321	18.4	13	10	23	1.3
1 - 4 yrs.....	389	331	720	10.8	25	34	59	0.9
5 - 9 yrs.....	114	53	167	2.2	6	16	22	0.2
10 - 14 yrs.....	17	18	35	0.5	1	2	3	0.04
15 - 19 yrs.....	14	9	23	0.4	1	2	3	0.05
20 - 24 yrs.....	7	3	10	0.2	1	1	2	0.03
25 - 29 yrs.....	4	2	6	0.1	0	1	1	0.02
30 - 34 yrs.....	2	3	5	0.1	0	0	0	-
35 - 39 yrs.....	2	1	3	0.1	0	1	1	0.03
40 - 44 yrs.....	0	0	0	-	0	0	0	-
45 - 49 yrs.....	0	0	0	-	0	0	0	-
50 - 54 yrs.....	2	1	3	0.2	1	1	2	0.1
55 - 59 yrs.....	0	0	0	-	0	0	0	-
60 - 64 yrs.....	0	0	0	-	0	0	0	-
65 - 69 yrs.....	0	0	0	-	0	0	0	-
70 yrs. & Over.....	3	1	4	0.3	1	0	1	0.08
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	WHOOPING COUGH (039)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	4922	4544	9466	15.8	5	7	12	0.02
Under 1 yr.....	1580	1445	3025	173.9	4	5	9	0.5
1 - 4 yrs.....	2638	2476	5114	76.9	1	0	1	0.02
5 - 9 yrs.....	473	498	971	12.5	0	2	2	0.03
10 - 14 yrs.....	94	70	164	2.2	0	0	0	-
15 - 19 yrs.....	69	27	96	1.5	0	0	0	-
20 - 24 yrs.....	38	15	53	0.9	0	0	0	-
25 - 29 yrs.....	30	13	43	0.8	0	0	0	-
30 - 34 yrs.....	0	0	0	-	0	0	0	-
35 - 39 yrs.....	0	0	0	-	0	0	0	-
40 - 44 yrs.....	0	0	0	-	0	0	0	-
45 - 49 yrs.....	0	0	0	-	0	0	0	-
50 - 54 yrs.....	0	0	0	-	0	0	0	-
55 - 59 yrs.....	0	0	0	-	0	0	0	-
60 - 64 yrs.....	0	0	0	-	0	0	0	-
65 - 69 yrs.....	0	0	0	-	0	0	0	-
70 yrs. & Over.....	0	0	0	-	0	0	0	-
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	TETANUS (037)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	1830	1272	3102	5.2	704	336	1040	1.7
Under 1 yr.....	778	303	1081	62.2	99	82	181	10.4
1 - 4 yrs.....	170	218	388	5.8	34	19	53	0.8
5 - 9 yrs.....	168	155	323	4.2	88	39	127	1.6
10 - 14 yrs....	153	75	228	3.1	96	26	122	1.7
15 - 19 yrs....	64	62	126	2.0	48	9	57	0.9
20 - 24 yrs....	49	67	116	2.0	47	12	59	1.0
25 - 29 yrs....	53	55	108	2.1	51	18	69	1.4
30 - 34 yrs....	51	43	94	2.2	24	9	33	0.8
35 - 39 yrs....	44	45	89	2.5	27	5	32	0.9
40 - 44 yrs....	51	48	99	3.9	29	14	43	1.6
45 - 49 yrs....	33	34	67	3.0	30	10	40	1.8
50 - 54 yrs....	40	28	68	3.9	28	10	38	2.2
55 - 59 yrs....	40	37	77	5.5	18	22	40	2.9
60 - 64 yrs....	31	29	60	5.2	21	14	35	3.0
65 - 69 yrs....	43	27	70	7.7	18	9	27	3.0
70 yrs. & Over.....	62	46	108	8.1	46	38	84	6.3
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	ACUTE POLIOMYELITIS (045;138)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	212	123	335	0.6	15	17	32	0.05
Under 1 yr.....	18	9	27	1.6	1	1	2	0.1
1 - 4 yrs.....	96	46	142	2.1	1	4	5	0.08
5 - 9 yrs.....	55	39	94	1.2	3	4	7	0.09
10 - 14 yrs.....	12	10	22	0.3	5	0	5	0.07
15 - 19 yrs.....	15	6	21	0.3	1	4	5	0.08
20 - 24 yrs.....	5	4	9	0.2	1	3	4	0.07
25 - 29 yrs.....	7	3	10	0.2	1	0	1	0.02
30 - 34 yrs.....	2	5	7	0.2	1	1	2	0.05
35 - 39 yrs.....	1	1	2	0.05	0	0	0	-
40 - 44 yrs.....	1	0	1	0.03	1	0	1	0.04
45 - 49 yrs.....	0	0	0	-	0	0	0	-
50 - 54 yrs.....	0	0	0	-	0	0	0	-
55 - 59 yrs.....	0	0	0	-	0	0	0	-
60 - 64 yrs.....	0	0	0	-	0	0	0	-
65 - 69 yrs.....	0	0	0	-	0	0	0	-
70 yrs. and Over.....	0	0	0	-	0	0	0	-
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	VARICELLA (052)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	10480	6451	16931	28.2	0	23	23	0.04
Under 1 yr.....	901	335	1236	71.1	0	3	3	0.2
1 - 4 yrs.....	2589	1103	3692	55.5	0	9	9	0.1
5 - 9 yrs.....	2494	1200	3694	47.7	0	3	3	0.04
10 - 14 yrs.....	1981	929	2910	39.8	0	2	2	0.03
15 - 19 yrs.....	838	471	1309	20.4	0	3	3	0.05
20 - 24 yrs.....	482	845	1327	23.1	0	0	0	-
25 - 29 yrs.....	241	439	680	13.5	0	1	1	0.02
30 - 34 yrs.....	199	290	489	11.2	0	1	1	0.02
35 - 39 yrs.....	210	142	352	9.8	0	0	0	-
40 - 44 yrs.....	262	284	546	19.8	0	0	0	-
45 - 49 yrs.....	73	110	183	8.2	0	1	1	0.04
50 - 54 yrs.....	94	101	195	11.1	0	0	0	-
55 - 59 yrs.....	42	129	171	12.3	0	0	0	-
60 - 64 yrs.....	52	39	91	7.9	0	0	0	-
65 - 69 yrs.....	12	10	22	2.4	0	0	0	-
70 yrs. & Over.....	10	24	34	2.6	0	0	0	-
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	MEASLES (OSB)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	40413	28083	68496	114.0	3521	3213	6734	11.2
Under 1 yr.....	7961	4409	12370	711.3	682	574	1256	72.2
1 - 4 yrs.....	19924	11065	30989	465.9	2210	2029	4239	63.7
5 - 9 yrs.....	7234	6094	13328	172.0	501	486	987	12.7
10 - 14 yrs.....	2869	1516	4385	60.0	72	80	152	2.1
15 - 19 yrs.....	768	1320	2088	32.6	10	14	24	0.4
20 - 24 yrs.....	485	982	1467	25.5	13	14	27	0.5
25 - 29 yrs.....	283	871	1154	23.0	4	4	8	0.2
30 - 34 yrs.....	121	477	598	13.7	1	1	2	0.05
35 - 39 yrs.....	202	253	455	12.7	2	0	2	0.06
40 - 44 yrs.....	81	393	474	17.2	3	0	3	0.1
45 - 49 yrs.....	162	309	471	21.1	4	0	4	0.2
50 - 54 yrs.....	88	140	228	13.0	2	0	2	0.1
55 - 59 yrs.....	41	56	97	7.0	1	0	1	0.07
60 - 64 yrs.....	68	28	96	8.3	3	0	3	0.3
65 - 69 yrs.....	30	58	88	9.7	2	3	5	0.5
70 yrs. & Over.....	76	102	178	13.4	11	8	19	1.4
Not Stated.....	20	10	30	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	H - FEVER (061;065)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	1335	905	2240	3.7	104	95	199	0.3
Under 1 yr.....	215	208	423	24.3	15	12	27	1.6
1 - 4 yrs.....	295	100	395	5.9	23	30	53	0.9
5 - 9 yrs.....	347	287	634	8.2	27	32	59	0.8
10 - 14 yrs.....	170	112	282	3.9	11	5	16	0.2
15 - 19 yrs.....	134	88	222	3.5	2	3	5	0.09
20 - 24 yrs.....	77	44	121	2.1	5	1	6	0.1
25 - 29 yrs.....	49	35	84	1.7	1	3	4	0.08
30 - 34 yrs.....	20	7	27	0.6	3	1	4	0.09
35 - 39 yrs.....	5	4	9	0.2	2	0	2	0.06
40 - 44 yrs.....	0	5	13	0.5	1	1	2	0.07
45 - 49 yrs.....	4	3	7	0.3	2	1	3	0.1
50 - 54 yrs.....	3	4	12	0.7	4	1	5	0.3
55 - 59 yrs.....	1	3	4	0.3	1	2	3	0.2
60 - 64 yrs.....	1	3	4	0.3	1	2	3	0.3
65 - 69 yrs.....	1	2	3	0.3	1	1	2	0.2
70 yrs. & Over.....	0	0	0	-	0	0	0	-
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	INFECTIOUS HEPATITIS (070)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	9299	5462	14761	24.6	552	298	850	1.4
Under 1 yr.....	214	120	334	19.2	57	29	86	4.9
1 - 4 yrs.....	1134	470	1604	24.1	26	11	37	0.6
5 - 9 yrs.....	1162	814	1976	25.5	17	12	29	0.4
10 - 14 yrs.....	1144	541	1685	23.1	10	12	22	0.3
15 - 19 yrs.....	1051	606	1657	25.9	19	16	35	0.5
20 - 24 yrs.....	846	486	1332	23.2	41	23	64	1.1
25 - 29 yrs.....	484	377	861	17.1	32	22	54	1.1
30 - 34 yrs.....	567	470	1037	23.8	48	22	70	1.6
35 - 39 yrs.....	688	333	1021	28.4	50	15	65	1.8
40 - 44 yrs.....	623	317	940	34.0	43	18	61	2.2
45 - 49 yrs.....	381	257	638	28.5	37	6	43	1.9
50 - 54 yrs.....	446	246	692	39.5	43	16	59	3.4
55 - 59 yrs.....	307	213	520	37.3	36	18	54	3.9
60 - 64 yrs.....	102	60	162	14.1	25	20	45	3.9
65 - 69 yrs.....	84	76	160	17.6	31	17	48	5.3
70 yrs. & Over.....	66	76	142	10.6	37	41	78	5.9
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX.	MALARIA (084)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	66310	58804	125114	208.2	614	375	989	1.6
Under 1 yr.....	1857	1882	3739	215.0	20	18	38	2.2
1 - 4 yrs.....	3912	3646	7558	113.6	37	52	89	1.3
5 - 9 yrs.....	6034	5234	11268	145.4	41	29	70	0.9
10 - 14 yrs.....	6631	5880	12511	171.3	29	22	51	0.7
15 - 19 yrs.....	8024	5351	13375	209.0	37	25	62	1.0
20 - 24 yrs.....	7626	6351	13977	243.4	51	36	87	1.5
25 - 29 yrs.....	7029	8056	15085	300.0	46	29	75	1.5
30 - 34 yrs.....	5238	5998	11236	258.1	60	30	90	2.1
35 - 39 yrs.....	4642	4057	8699	242.4	52	25	77	2.1
40 - 44 yrs.....	3316	2940	6256	226.5	51	10	61	2.2
45 - 49 yrs.....	2453	1294	3747	167.6	37	15	52	2.3
50 - 54 yrs.....	2188	1823	4011	228.8	39	15	54	3.1
55 - 59 yrs.....	1326	1117	2443	175.4	37	13	50	3.6
60 - 64 yrs.....	1923	1999	3922	340.4	23	15	38	3.3
65 - 69 yrs.....	1260	1294	2554	280.2	22	15	37	4.1
70 yrs. & Over.....	2188	1411	3599	270.1	31	26	57	4.3
Not Stated.....	663	471	1134	-	1	0	1	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	SYPHILIS (090-097)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	46	53	99	0.2	4	5	9	0.01
Under 1 yr.....	0	0	0	-	0	0	0	-
1 - 4 yrs.....	0	0	0	-	0	0	0	-
5 - 9 yrs.....	0	0	0	-	0	0	0	-
10 - 14 yrs....	3	7	10	-	0	0	0	-
15 - 19 yrs....	4	10	14	0.2	0	0	0	-
20 - 24 yrs....	5	11	16	0.3	1	0	1	0.02
25 - 29 yrs....	3	6	9	0.2	0	1	1	0.02
30 - 34 yrs....	6	3	9	0.2	0	0	0	-
35 - 39 yrs....	2	2	4	0.1	0	0	0	-
40 - 44 yrs....	3	1	4	0.1	0	0	0	-
45 - 49 yrs....	3	2	5	0.2	1	0	1	0.04
50 - 54 yrs....	2	3	5	0.3	0	1	1	0.06
55 - 59 yrs....	4	2	6	0.4	0	1	1	0.07
60 - 64 yrs....	1	1	2	0.2	0	0	0	-
65 - 69 yrs....	7	1	8	0.9	1	0	1	0.1
70 yrs. & Over.....	3	4	7	0.5	1	2	3	0.2
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	GONOCOCCAL INFECTION (098)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	1641	6994	8635	14.4	0	0	0	-
Under 1 yr.....	0	0	0	-	0	0	0	-
1 - 4 yrs.....	0	0	0	-	0	0	0	-
5 - 9 yrs.....	0	0	0	-	0	0	0	-
10 - 14 yrs.....	10	27	37	0.5	0	0	0	-
15 - 19 yrs.....	409	1497	1906	29.8	0	0	0	-
20 - 24 yrs.....	563	3532	4095	71.3	0	0	0	-
25 - 29 yrs.....	361	1381	1742	34.6	0	0	0	-
30 - 34 yrs.....	123	294	417	9.6	0	0	0	-
35 - 39 yrs.....	85	182	267	7.4	0	0	0	-
40 - 44 yrs.....	38	46	84	3.0	0	0	0	-
45 - 49 yrs.....	28	17	45	2.0	0	0	0	-
50 - 54 yrs.....	7	5	12	0.7	0	0	0	-
55 - 59 yrs.....	5	3	8	0.6	0	0	0	-
60 - 64 yrs.....	9	4	13	1.1	0	0	0	-
65 - 69 yrs.....	3	6	9	0.8	0	0	0	-
70 yrs. & Over.....	0	0	0	-	0	0	0	-
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	SCHISTOSOMIASIS (120)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	15933	9766	25699	42.8	196	77	273	0.5
Under 1 yr.....	16	29	45	2.6	2	5	7	0.4
1 - 4 yrs.....	319	225	544	8.2	5	2	7	0.1
5 - 9 yrs.....	1896	1494	3390	43.7	4	1	5	0.06
10 - 14 yrs.....	3665	1973	5638	77.2	8	3	11	0.2
15 - 19 yrs.....	2868	1240	4108	64.2	8	3	11	0.2
20 - 24 yrs.....	1418	654	2072	36.1	15	6	21	0.4
25 - 29 yrs.....	1243	752	1995	39.7	8	4	12	0.2
30 - 34 yrs.....	1131	840	1971	45.3	13	3	16	0.4
35 - 39 yrs.....	621	391	1012	28.2	22	5	27	0.8
40 - 44 yrs.....	653	313	966	35.0	9	5	14	0.5
45 - 49 yrs.....	478	508	986	44.1	20	11	31	1.4
50 - 54 yrs.....	382	449	831	47.4	21	7	28	1.6
55 - 59 yrs.....	271	283	554	39.8	13	4	17	1.0
60 - 64 yrs.....	239	166	405	35.2	20	8	28	2.4
65 - 69 yrs.....	223	176	399	43.8	9	4	13	1.4
70 yrs. & Over.....	335	146	481	36.1	19	6	25	1.9
Not Stated.....	175	127	302	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	FILARIASIS (125)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	118	70	188	0.3	0	1	1	0.002
Under 1 yr.....	5	3	8	0.5	0	0	0	-
1 - 4 yrs.....	17	8	25	0.4	0	0	0	-
5 - 9 yrs.....	12	15	27	0.3	0	0	0	-
10 - 14 yrs.....	9	3	12	0.2	0	0	0	-
15 - 19 yrs.....	4	2	6	0.1	0	0	0	-
20 - 24 yrs.....	6	1	7	0.1	0	0	0	-
25 - 29 yrs.....	4	4	8	0.2	0	0	0	-
30 - 34 yrs.....	8	5	13	0.3	0	0	0	-
35 - 39 yrs.....	6	3	9	0.2	0	0	0	-
40 - 44 yrs.....	5	2	7	0.2	0	0	0	-
45 - 49 yrs.....	3	9	12	0.5	0	1	1	0.04
50 - 54 yrs.....	11	3	14	0.8	0	0	0	-
55 - 59 yrs.....	8	2	10	0.7	0	0	0	-
60 - 64 yrs.....	5	2	7	0.6	0	0	0	-
65 - 69 yrs.....	3	3	6	0.6	0	0	0	-
70 yrs. & Over.....	7	1	8	0.6	0	0	0	-
Not Stated.....	5	4	9	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	MALIGNANT NEOPLASMS (140-239)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	17902	15875	33777	56.2	11853	10080	21933	36.5
Under 1 yr.....	125	206	331	19.0	55	47	102	5.7
1 - 4 yrs.....	340	238	578	8.7	116	111	227	3.4
5 - 9 yrs.....	269	413	682	8.6	142	121	263	3.4
10 - 14 yrs.....	304	349	653	8.9	157	124	281	3.8
15 - 19 yrs.....	412	365	777	12.1	195	203	398	6.2
20 - 24 yrs.....	360	445	805	14.0	238	216	454	7.9
25 - 29 yrs.....	501	413	914	18.2	306	290	596	11.8
30 - 34 yrs.....	698	619	1317	30.2	409	416	825	19.0
35 - 39 yrs.....	931	841	1772	49.4	596	529	1125	31.4
40 - 44 yrs.....	1450	937	2387	86.4	721	700	1421	51.4
45 - 49 yrs.....	1343	1254	2597	116.2	922	926	1848	82.7
50 - 54 yrs.....	1951	1572	3523	201.0	1284	1037	2321	132.4
55 - 59 yrs.....	1772	1492	3264	234.4	1286	1026	2312	166.04
60 - 64 yrs.....	2345	1667	4012	348.2	1409	1019	2428	210.8
65 - 69 yrs.....	1933	1746	3679	409.6	1366	1018	2384	261.5
70 yrs. & Over.....	3151	3308	6459	484.8	2651	2297	4948	371.4
Not Stated.....	17	10	27	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	DISEASES OF THE HEART (390-392; 393-398; 402; 404; 410-429)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	55335	43478	98813	164.4	25358	19498	44856	74.6
Under 1 yr.....	1549	783	2332	134.1	414	273	687	39.5
1 - 4 yrs.....	1328	913	2241	33.7	285	234	519	7.8
5 - 9 yrs.....	775	762	1537	19.8	191	161	352	4.5
10 - 14 yrs.....	1051	739	1790	24.5	283	242	525	7.2
15 - 19 yrs.....	1383	1141	2524	39.4	462	358	820	12.8
20 - 24 yrs.....	1494	1001	2495	43.4	617	449	1066	18.6
25 - 29 yrs.....	1605	1130	2735	54.4	690	551	1241	24.7
30 - 34 yrs.....	1937	1609	3546	81.5	836	583	1419	32.6
35 - 39 yrs.....	2047	1826	3873	107.9	1011	623	1634	45.5
40 - 44 yrs.....	2601	1522	4123	140.2	1142	604	1746	63.2
45 - 49 yrs.....	3043	2304	5347	239.2	1396	709	2105	94.2
50 - 54 yrs.....	3597	1801	5398	307.9	1678	860	2538	144.8
55 - 59 yrs.....	5035	1934	6969	500.5	2009	1013	3022	217.0
60 - 64 yrs.....	4371	3522	7893	685.1	2237	1410	3647	316.6
65 - 69 yrs.....	4648	2394	7042	772.4	2362	1675	4037	442.8
70 yrs. & Over.....	18814	20043	38857	2916.5	9744	9752	19496	1463.3
Not Stated.....	57	54	111	-	1	1	2	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	BRONCHITIS (466)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	455711	437839	893550	1486.8	599	506	1105	1.8
Under 1 yr.....	114383	101141	215524	12392.6	247	202	449	25.8
1 - 4 yrs.....	169980	138357	308337	4635.5	213	190	403	6.1
5 - 9 yrs.....	63800	52103	115903	1495.4	45	28	73	0.9
10 - 14 yrs.....	29241	21454	44695	611.8	11	9	20	0.3
15 - 19 yrs.....	17773	9195	26968	421.3	9	5	14	0.2
20 - 24 yrs.....	14583	24081	38664	673.3	4	2	6	0.1
25 - 29 yrs.....	13671	17514	31185	620.2	5	3	8	0.2
30 - 34 yrs.....	9114	14011	23125	531.2	2	3	5	0.1
35 - 39 yrs.....	5469	9632	15101	420.8	4	1	5	0.2
40 - 44 yrs.....	5013	13135	18148	657.2	4	2	6	0.2
45 - 49 yrs.....	3646	8757	12403	554.8	1	2	3	0.1
50 - 54 yrs.....	4557	6130	10687	609.6	6	3	9	0.5
55 - 59 yrs.....	2734	7005	9739	699.4	2	2	4	0.2
60 - 64 yrs.....	3190	5692	8882	771.0	6	4	10	0.9
65 - 69 yrs.....	1823	4378	6201	680.2	6	4	10	1.1
70 yrs. & Over.....	2279	4616	7095	532.52	34	46	80	6.0
Not Stated.....	455	438	893	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	PNEUMONIAS (480-486)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	118349	113707	232056	386.1	25019	21249	46268	77.0
Under 1 yr.....	33493	36159	69652	4005.0	6339	4834	11173	642.5
1 - 4 yrs.....	39647	43209	82856	1245.6	7127	6449	13576	204.1
5 - 9 yrs.....	14320	14441	28761	371.1	1569	1493	3062	39.5
10 - 14 yrs.....	4616	2047	6663	91.2	480	415	895	12.3
15 - 19 yrs.....	3432	1478	4910	76.7	336	252	588	9.2
20 - 24 yrs.....	2959	1592	4551	79.3	352	261	613	10.7
25 - 29 yrs.....	2367	1364	3731	74.2	334	239	573	11.4
30 - 34 yrs.....	1894	1251	3145	72.2	315	228	543	12.5
35 - 39 yrs.....	1420	1137	2557	71.9	314	224	538	15.0
40 - 44 yrs.....	1183	910	2093	75.8	297	189	486	17.6
45 - 49 yrs.....	947	682	1629	72.9	422	221	643	28.8
50 - 54 yrs.....	1065	569	1634	93.2	488	265	753	43.0
55 - 59 yrs.....	1302	538	1840	132.1	582	332	914	52.1
60 - 64 yrs.....	1657	712	2369	205.6	690	527	1217	105.6
65 - 69 yrs.....	1775	1015	2790	306.0	832	612	1444	158.4
70 yrs. & Over.....	5799	6465	12264	920.5	4541	4708	9249	634.2
Not Stated.....	473	138	611	-	1	0	1	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

AGE & SEX	INFLUENZA (487)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	363687	410115	773802	1287.6	420	350	770	1.3
Under 1 yr.....	46916	29118	76034	4372.0	44	37	81	4.7
1 - 4 yrs.....	54189	53315	107504	1616.2	43	47	90	1.4
5 - 9 yrs.....	49461	51264	100725	1299.6	24	13	37	0.5
10 - 14 yrs.....	37823	48804	86627	1185.9	15	14	29	0.4
15 - 19 yrs.....	33823	36500	70323	1098.6	12	12	24	0.4
20 - 24 yrs.....	21094	35270	56364	981.5	19	11	30	0.5
25 - 29 yrs.....	23640	31169	54809	1090.1	14	11	25	0.5
30 - 34 yrs.....	21084	26657	47741	1096.7	11	5	16	0.4
35 - 39 yrs.....	18184	24607	42791	1192.5	13	7	20	0.6
40 - 44 yrs.....	10911	16815	27726	1004.0	20	5	25	0.9
45 - 49 yrs.....	10183	12303	22486	1005.9	16	8	24	1.1
50 - 54 yrs.....	10810	15584	26394	1505.6	19	10	29	1.7
55 - 59 yrs.....	5556	7792	13348	958.6	17	12	29	1.7
60 - 64 yrs.....	6910	8202	15112	1311.8	22	10	32	2.8
65 - 69 yrs.....	4720	4511	9239	1013.4	28	24	52	5.7
70 yrs. & Over.....	5092	6562	11654	874.7	103	124	227	17.0
Not Stated.....	3283	1642	4925	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Population
PHILIPPINES
1989

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AGE & SEX	ACCIDENTS (800-999;E800-E949)							
	C A S E S				D E A T H S			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
ALL AGES.....	83393	66864	150257	250.0	8576	3177	11753	19.6
Under 1 yr.....	1918	1672	3590	206.4	141	104	245	14.1
1 - 4 yrs.....	7839	6887	14726	221.4	590	422	1012	15.2
5 - 9 yrs.....	6338	4814	11152	143.9	813	411	1224	15.8
10 - 14 yrs.....	4503	5951	10454	143.1	585	280	869	11.9
15 - 19 yrs.....	6171	4480	10651	166.4	700	197	897	14.0
20 - 24 yrs.....	9507	6151	15658	272.7	866	205	1071	18.7
25 - 29 yrs.....	7172	4680	11852	235.7	918	158	1076	21.4
30 - 34 yrs.....	6588	4346	10934	251.2	701	140	841	19.3
35 - 39 yrs.....	5254	4079	9333	260.1	630	150	780	21.7
40 - 44 yrs.....	4670	3477	8147	295.0	509	131	640	23.2
45 - 49 yrs.....	3919	3009	6928	309.9	432	114	546	24.4
50 - 54 yrs.....	3336	2675	6011	342.9	369	133	502	28.6
55 - 59 yrs.....	2252	1805	4057	291.4	315	106	421	30.2
60 - 64 yrs.....	3169	2541	5710	495.6	256	117	373	32.4
65 - 69 yrs.....	2085	1939	4024	441.4	212	110	322	35.3
70 yrs. & Over.....	8256	7823	16079	1206.8	534	399	933	70.0
Not Stated.....	416	535	951	-	1	0	1	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	TYPHOID & PARATYPHOID FEVER & OTHER SALMONELLA INF. (002-003)				DIARRHEAS (004-009)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	17794	29.6	1233	2.1	741739	1234.2	6093	11.5
NAT. CAP. REGION..	741	9.6	134	1.7	26447	349.0	718	9.3
1ST DIST. MANILA...	387	20.8	55	3.0	5211	280.7	120	6.5
2ND DIST. MUN.....	74	6.8	35	3.2	2015	185.4	82	7.5
QUEZON CITY.....	146	9.4	19	1.2	5592	361.7	172	11.1
3RD DIST. MUN.....	24	3.2	2	0.3	5183	691.0	70	9.3
CALOCAN CITY....	20	1.3	7	0.5	2418	156.4	106	6.9
4TH DIST. MUN.....	85	5.7	16	1.1	2570	170.9	148	9.8
PASAY CITY.....	5	1.4	0	-	3458	945.9	20	5.5
C.A.R.	685	59.7	9	0.8	25394	2214.0	102	8.9
ABRA.....	31	14.1	1	0.5	7512	3428.8	18	8.2
BENGUET.....	198	68.1	2	0.7	3119	1072.0	37	12.7
IFUGAO.....	6	4.5	2	1.5	4761	3583.1	7	5.3
KALINGA-APAYAO....	41	17.6	1	0.4	3851	1653.4	13	5.6
MT. PROVINCE.....	49	41.2	1	0.8	3409	2866.0	15	12.6
BAGUIO CITY.....	360	236.5	2	1.3	2742	1801.7	12	7.9
REGION 1	1849	53.9	142	4.1	31530	918.9	391	11.4
ILOCOS NORTE.....	287	73.1	16	4.1	8070	2054.7	35	8.9
ILOCOS SUR.....	362	68.0	25	4.7	5047	948.3	30	5.6
LA UNION.....	500	88.9	30	5.3	5076	902.2	67	11.9
PANGASINAN.....	384	23.4	47	2.9	11110	677.8	163	9.9
DAVUPAN CITY.....	266	238.1	15	13.4	791	708.0	65	58.2
LAOAG CITY.....	21	27.6	8	10.5	266	349.9	8	10.5
SAN CARLOS CITY....	29	25.0	1	0.9	1170	1000.2	23	19.7
REGION 2	147	6.1	22	0.9	41456	1718.3	238	9.9
BATANES.....	0	-	0	-	761	4269.0	0	-
CAGAYAN.....	40	4.6	4	0.5	9601	1115.5	72	8.4
ISABELA.....	16	1.4	7	0.6	15715	1419.2	142	12.8
NEUVA VIZCAYA.....	23	7.4	11	3.5	13109	4207.8	20	6.4
QUIRINO.....	68	59.9	0	-	2270	1969.3	4	3.5
REGION 3	1141	19.2	64	1.1	06336	1449.4	422	7.1
BATAAN.....	275	64.0	2	0.5	15582	3628.3	33	7.7
BULACAN.....	358	26.3	24	1.8	23609	1735.3	126	9.3
NUEVA ECIJA.....	70	6.7	8	0.8	6890	661.8	65	6.2
PAMPANGA.....	43	3.9	12	1.0	15332	1235.9	63	5.1
TARLAC.....	32	3.9	7	0.9	12692	1560.2	41	5.0
ZAMBALES.....	56	15.3	2	0.5	4381	1194.5	35	9.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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AREA	TYPHOID & PARATYPHOID FEVER & OTHER SALMONELLA INF. (002-003)				DIARRHEAS (004-009)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
MANILA CITY.....	36	14.6	1	0.4	3609	1467.7	14	5.7
MACABATUAN CITY....	16	9.4	2	1.2	1088	636.6	10	5.9
MOLOGAPO CITY.....	246	127.7	5	2.6	1676	870.3	23	11.9
IPALAYAN CITY.....	0	-	0	-	217	1035.9	1	4.8
SAN JOSE CITY.....	3	4.0	1	1.3	1262	1692.4	11	14.8
REGION 4	623	7.9	123	1.6	98513	1247.4	1146	14.5
BAUORA.....	0	-	0	-	850	603.0	21	14.9
BATANGAS.....	67	6.0	14	1.3	11330	1021.6	78	7.0
CAVITE.....	44	4.7	9	1.0	9256	980.7	112	11.9
LAGUNA.....	30	2.6	13	1.1	4706	414.9	148	13.0
MARINQUE.....	17	8.1	3	1.4	2317	1109.0	37	17.7
MINDORO OCC.....	14	4.9	2	0.7	5804	2050.9	31	11.0
MINDORO OR.....	18	3.1	6	1.0	5667	966.4	102	17.8
PALAWAN.....	30	7.4	1	0.2	4700	1166.8	33	8.2
QUEZON.....	165	12.9	23	1.8	22844	1785.6	257	20.1
RIZAL.....	75	10.0	19	2.5	21784	2914.2	135	18.1
ROMBLON.....	40	16.9	6	2.5	1930	815.1	40	16.9
BATANGAS CITY.....	13	7.4	1	0.6	263	149.8	10	5.7
CAVITE CITY.....	28	28.1	3	3.0	1020	1023.9	34	34.1
LIPA CITY.....	15	10.2	2	1.4	132	89.5	14	9.5
LUCENA CITY.....	21	14.7	12	8.4	2396	1672.2	51	35.6
PUERTO PRINCESA.....	25	30.1	5	6.0	1129	1359.5	14	16.9
SAN PABLO CITY.....	16	10.4	3	1.9	1576	1020.4	12	7.8
TAGAYTAY CITY.....	0	-	0	-	649	2925.9	2	9.1
TRECE MARTIRES.....	5	45.0	1	9.0	166	1494.7	15	135.1
REGION 5	1678	39.1	62	1.4	58231	1956.5	647	15.1
ALBAY.....	188	22.1	13	1.5	9570	1126.5	76	8.9
CAMARINES NORTE....	29	5.9	4	1.0	5061	1300.2	163	41.9
CAMARINES SUR.....	89	7.4	5	0.4	17248	1497.8	168	14.0
CATANDUANES.....	575	276.4	2	1.0	3544	1709.7	42	20.2
MASATE.....	729	102.0	18	2.5	10501	1468.7	82	11.5
SORSOGON.....	31	5.0	2	0.3	9933	1595.0	77	12.4
IRIGA CITY.....	0	-	0	-	222	303.9	11	15.1
ILEGASPI CITY.....	18	13.4	7	5.2	751	559.7	13	9.7
INAGA CITY.....	25	24.7	11	10.9	1401	1384.5	15	14.8
REGION 6	2602	46.8	228	4.1	56521	1017.4	678	12.1
AKLAN.....	248	61.1	13	3.2	9040	2226.6	54	13.3
ANTIQUE.....	634	140.1	34	7.9	10741	2509.6	64	15.0
CAPIZ.....	149	29.4	4	0.8	3630	715.6	47	9.3
ILOILO.....	245	17.0	30	2.1	11404	792.0	96	6.7
NEGROS OCC.....	549	36.3	62	4.1	14287	945.8	201	19.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	TYPHOID & PARATYPHOID FEVER & OTHER SALMONELLA INF. (002-009)				DIARRHEAS (004-009)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BARCELON CITY.....	148	46.6	23	7.2	674	212.2	66	20.8
BAGUIO CITY.....	16	12.7	3	2.4	39	26.1	15	11.9
CADIZ CITY.....	13	6.1	3	2.1	594	406.1	12	8.2
DAVO CITY.....	357	125.4	30	10.5	1218	427.9	47	16.5
LA CARLOTA CITY....	10	17.2	1	1.7	1024	1761.8	6	10.3
ROXAS CITY.....	13	12.8	9	8.9	1687	1662.6	17	16.8
SAN CARLOS CITY....	211	215.8	11	11.3	2028	2074.3	37	37.8
SILAY CITY.....	9	0.08	5	3.8	161	122.6	11	8.4
REGION 7	1392	30.7	114	2.5	72522	1600.5	453	10.0
BOHOL.....	394	44.9	32	3.6	24816	2828.9	119	13.6
CEBU.....	88	6.2	30	2.1	16846	1189.4	107	7.5
INEGROS OR.....	449	53.3	10	1.2	16601	1997.8	51	6.1
SIQUIJOR.....	23	28.4	3	3.7	875	1080.6	7	8.6
BAIS CITY.....	54	94.7	0	-	236	414.0	2	3.5
CANLON CITY.....	3	9.6	0	-	1328	4297.4	24	76.6
CEBU CITY.....	96	15.4	18	2.9	8415	1349.4	75	12.0
DANAO CITY.....	21	31.3	3	4.5	540	805.1	7	10.4
DUAGUETE CITY....	30	38.1	9	11.4	403	511.5	22	27.9
LAPU-LAPU CITY....	6	4.7	0	-	141	111.0	6	4.7
MANDAWA CITY.....	0	-	0	-	43	24.7	21	12.1
TAGBILARAN CITY....	14	27.6	6	11.8	1724	3403.1	9	17.8
TOLEDO CITY.....	220	191.4	3	2.6	554	481.9	3	2.6
REGION 8	610	19.5	73	2.3	46810	1496.6	457	14.6
LEYTE DEL NORTE....	57	4.6	13	1.0	16626	1390.3	176	14.1
LEYTE DEL SUR.....	47	12.8	4	1.1	4601	1248.2	51	13.8
EASTERN SAMAR.....	15	3.8	6	1.5	6437	1646.0	21	5.4
NORTHERN SAMAR.....	110	23.1	23	4.8	11965	2515.7	69	14.5
WESTERN SAMAR.....	212	49.5	9	2.1	5992	1399.8	41	9.6
CALBAYOG CITY.....	123	100.9	9	7.3	656	534.8	54	44.0
ORMOC CITY.....	22	16.9	4	9.1	409	314.7	19	14.6
TACLOBAN CITY.....	24	17.7	5	3.7	124	91.5	26	19.2
REGION 9	503	15.2	62	1.9	17329	524.9	340	10.3
ASILAN.....	20	7.9	5	2.0	2580	1020.6	8	3.2
SULU.....	13	3.0	5	1.1	5652	1292.4	16	3.7
TAWI-TAWI.....	0	-	0	-	1436	602.3	0	-
ZAMB. DEL NORTE....	87	15.2	14	2.4	1635	285.3	73	12.7
ZAMB. DEL SUR.....	197	20.6	20	2.1	920	33.4	102	10.6

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
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AREA	TYPHOID & PARATYPHOID FEVER & OTHER SALMONELLA INF. (002-003)				DIARRHEAS (004-009)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAVITA CITY.....	18	27.8	3	4.6	1285	1987.4	5	7.7
DIPOLONG CITY.....	51	65.2	5	6.4	1158	1481.4	15	19.2
PAGADIAN CITY.....	19	18.6	4	3.9	1369	1338.8	42	41.1
ZAMBOANGA CITY.....	98	29.2	6	1.4	1894	448.0	79	18.7
REGION 10	1692	46.0	51	1.4	53818	1526.3	445	12.6
AGUSAN DEL NORTE..	59	25.7	1	0.4	5746	2506.6	27	11.8
AGUSAN DEL SUR....	12	9.4	5	1.4	2420	692.7	44	12.6
BUKIDNON.....	111	13.8	10	1.2	7046	878.8	68	8.5
CAMIGUIN.....	2	2.9	0	-	1600	2321.4	1	1.5
MISAMIS OCC.....	30	11.0	2	0.7	4375	1606.6	13	4.8
MISAMIS OR.....	238	50.2	3	0.6	7710	1625.1	83	17.5
SURIGAO DEL NORTE..	371	101.2	8	2.2	9248	2523.8	30	8.2
DUTUAN CITY.....	163	74.0	7	3.2	3992	1812.6	58	26.3
CAGAYAN DE ORO....	596	180.3	7	2.1	2543	769.1	42	12.7
GINGOOD CITY.....	4	4.0	1	1.0	3433	3407.2	27	26.8
OROQUIETA CITY....	50	86.0	0	-	1495	2572.7	5	8.6
OZAMIS CITY.....	43	45.9	1	1.1	2331	2487.8	18	19.2
SURIGAO CITY.....	11	11.1	5	5.0	867	875.5	25	25.2
TANGUB CITY.....	2	4.4	1	2.2	1012	2235.5	4	6.8
REGION 11	1230	28.4	97	2.2	61626	1421.4	480	11.1
COTABATO SOUTH....	124	16.2	13	1.7	11669	1526.4	55	7.2
DAVAO DEL NORTE....	95	10.0	30	3.1	13578	1423.3	99	10.4
DAVAO ORIENTAL....	130	30.5	2	0.5	5557	1303.5	41	9.6
DAVAO DEL SUR.....	168	4.0	6	0.9	14806	2286.4	28	4.3
SURIGAO DEL SUR....	167	33.5	12	2.4	8877	1782.1	107	21.5
DAVAO CITY.....	471	57.6	20	2.4	5147	629.7	69	8.4
GEN. SANTOS CITY..	75	32.9	14	6.1	1992	875.0	81	95.6
REGION 12	2901	101.0	52	1.8	65198	2270.3	381	13.3
COTABATO NORTH....	877	120.0	5	0.7	15061	2060.1	63	8.6
LANAO DEL NORTE....	529	135.3	10	2.6	11924	3049.0	43	11.0
LANAO DEL SUR.....	627	147.8	1	0.2	12760	3008.8	20	4.7
MASQUINDANAO.....	304	54.7	2	0.4	11866	2134.6	44	7.9
SULTAN KUORPAT....	116	28.5	9	2.2	9111	2336.9	56	13.7
COTABATO CITY.....	249	239.0	14	13.4	1571	1306.1	79	75.8
ILIGAN CITY.....	169	85.7	9	4.6	1826	926.3	59	29.9
MARAWI CITY.....	30	49.1	2	3.3	1079	1767.5	17	27.8

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	TUBERCULOSIS, OTHER FORMS (010-012; 014-018; 197)				T. B. MENINGITIS (013)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	206508	343.6	25869	43.0	3764	6.3	432	0.7
NAT. CAP. REGION..	11930	154.7	4105	53.2	338	4.4	154	2.0
1ST DIST. MANILA..	4060	218.7	1117	60.2	131	7.1	77	4.1
2ND DIST. MUN.....	1110	102.2	454	41.8	60	5.5	16	1.5
QUEZON CITY.....	1970	127.4	1339	86.6	63	4.1	33	2.1
3RD DIST. MUN.....	1980	184.0	305	40.7	18	2.4	6	0.8
CALOCAN CITY....	1120	72.4	965	23.6	21	1.4	9	0.6
4TH DIST. MUN.....	1730	115.0	419	27.9	30	2.0	9	0.6
PASAY CITY.....	560	153.2	106	29.0	15	4.1	4	1.1
C.A.R.	1491	130.0	196	17.1	127	11.1	1	0.09
ABRA.....	92	42.0	52	23.7	2	0.9	0	-
BENGUET.....	202	69.4	32	11.0	89	30.6	0	-
IFUGAO.....	407	306.3	22	16.6	0	-	0	-
KALINGA-APAYAO....	334	143.4	24	10.3	2	0.9	1	0.4
MT. PROVINCE.....	268	225.3	17	14.3	32	26.9	0	-
BAGUIO CITY.....	188	123.5	49	32.2	2	1.3	0	-
REGION 1	10496	305.9	1698	49.5	156	4.5	10	0.3
ILOCOS NORTE.....	1131	288.0	181	46.1	5	1.3	2	0.5
ILOCOS SUR.....	1379	259.1	233	43.8	1	0.2	0	-
ILA UNION.....	1473	261.8	235	41.8	60	10.7	3	0.5
PANGASINAN.....	5506	335.9	820	50.0	61	9.7	2	0.1
DAVUPAN CITY.....	266	238.1	105	94.0	10	9.0	3	2.7
LAOAG CITY.....	132	173.6	34	44.7	0	-	0	-
SAN CARLOS CITY....	609	520.6	90	76.9	19	16.2	0	-
REGION 2	11996	497.2	846	35.1	30	1.2	2	0.08
BATANES.....	40	224.4	6	33.7	0	-	0	-
CAGAYAN.....	2590	300.9	394	45.8	4	0.5	1	0.1
ISABELA.....	3175	286.7	376	34.0	9	0.6	1	0.09
NEIVA VIZCAYA.....	5931	1903.8	58	18.6	1	0.3	0	-
QUIRINO.....	260	225.6	12	10.4	16	13.9	0	-
REGION 3	18565	311.7	2736	45.9	352	5.9	37	0.6
BATAAN.....	3901	908.4	223	51.9	121	28.2	0	-
BULACAN.....	3938	289.5	707	52.0	58	4.3	14	1.0
NUEVA ECIJA.....	1225	117.7	396	38.0	25	2.4	4	0.4
PAMPANGA.....	1625	131.1	484	39.0	68	5.5	5	0.4
TARLAC.....	4511	554.5	396	48.7	19	2.3	9	1.1
ZAMBALES.....	914	249.2	190	51.8	12	3.3	1	0.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
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PHILIPPINES
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A R E A	TUBERCULOSIS, OTHER FORMS (010-012; 014-018; 197)				T. B. MENINGITIS (019)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	834	339.2	118	48.0	6	2.4	1	0.4
CABANATUAN CITY...	374	218.8	111	64.9	1	0.6	1	0.6
LOLONGAPO CITY.....	1044	542.1	70	36.4	39	20.3	1	0.5
PALAYAN CITY.....	20	95.5	2	9.5	0	-	0	-
SAN JOSE CITY.....	179	240.0	39	52.3	3	4.0	1	1.3
REGION 4	28100	355.8	3811	48.3	247	9.1	56	0.7
AURORA.....	588	417.1	60	42.6	9	6.4	0	-
BATANGAS.....	3563	321.3	364	32.8	15	1.4	3	0.3
CAVITE.....	2036	215.7	350	37.1	11	1.2	4	0.4
LAGUNA.....	1580	139.3	709	62.5	22	1.9	12	1.1
MARINDUQUE.....	1329	636.1	130	62.2	10	4.8	2	1.0
MINDORO OCC.....	708	250.2	92	32.5	9	1.1	1	0.4
MINDORO OR.....	6325	1100.9	253	44.0	8	1.4	2	0.3
PALAWAN.....	1746	433.5	82	20.4	0	-	0	-
QUEZON.....	4866	380.4	773	60.4	83	6.5	14	1.1
RIZAL.....	3506	469.0	410	54.8	45	6.0	4	0.5
ROMBLON.....	387	163.4	159	67.2	18	7.6	3	1.3
BATANGAS CITY.....	120	68.4	113	64.4	10	5.7	3	1.7
CAVITE CITY.....	155	155.6	47	47.2	1	1.0	0	-
LIPA CITY.....	492	333.7	61	41.4	0	-	0	-
LUCENA CITY.....	159	111.0	82	57.2	9	6.3	7	4.9
PUERTO PRINCESA...	195	234.8	23	27.7	0	-	0	-
SAN PABLO CITY.....	157	101.7	44	28.5	1	0.6	0	-
TAGAYTAY CITY.....	128	582.5	3	13.7	0	-	0	-
TRECE MARTIRES....	60	540.2	56	504.2	2	18.0	1	9.0
REGION 5	28525	664.5	2520	58.7	345	8.0	52	1.2
ALBAY.....	3693	434.7	502	59.1	51	6.0	7	0.8
CAMARINES NORTE...	2137	549.0	306	78.6	89	22.9	4	1.0
CAMARINES SUR.....	4415	368.0	745	62.1	112	9.3	7	0.6
CATANDUANES.....	1333	640.8	186	89.4	13	6.2	7	3.4
MASBATE.....	9905	1385.4	187	26.2	12	1.7	1	0.1
SORSOGON.....	4341	697.1	316	50.7	29	4.7	6	1.0
IRIGA CITY.....	106	145.1	56	76.7	0	-	0	-
LEGASPI CITY.....	605	450.9	90	67.1	12	8.9	7	5.2
NAGA CITY.....	1990	1943.4	132	130.4	27	26.7	13	12.8
REGION 6	24221	436.0	3390	61.0	847	15.2	35	0.6
AKLAN.....	1550	381.8	247	60.8	11	2.7	3	0.7
ANTIQUE.....	5559	1298.8	372	86.9	15	3.5	1	0.2
CAPIZ.....	1080	212.9	159	31.3	5	1.0	1	0.2
ILOILO.....	3302	229.3	788	54.7	60	4.2	6	0.4
NEGROS OCC.....	4890	323.7	769	50.9	39	2.6	4	0.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
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A R E A	TUBERCULOSIS, OTHER FORMS (010-012;014-018;197)				T. B. MENINGITIS (019)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BACOLOD CITY.....	2208	695.0	395	124.3	24	7.6	13	4.1
BAGO CITY.....	101	79.9	76	60.1	0	-	0	-
CADIZ CITY.....	423	289.2	66	45.1	0	-	0	-
ILOILO CITY.....	1010	354.8	227	79.7	11	3.9	4	1.4
LA CARLOTA CITY...	1551	2668.4	55	94.6	0	-	0	-
ROXAS CITY.....	75	73.9	67	66.0	669	659.3	2	2.0
SAN CARLOS CITY...	1822	1863.6	63	64.4	1	1.0	0	-
SILAY CITY.....	650	494.9	106	80.7	12	9.1	1	0.8
REGION 7	16137	356.1	1586	35.0	107	2.4	21	0.5
BOHOL.....	6731	767.1	426	48.6	5	0.6	1	0.1
CEBU.....	2514	177.3	339	23.9	20	1.4	1	0.07
NEGROS OR.....	2395	288.2	152	18.3	25	3.0	1	0.1
SIQUIJOR.....	316	390.2	61	75.3	0	-	0	-
BAIS CITY.....	237	415.7	16	28.1	0	-	0	-
CANLON CITY.....	617	1968.7	26	89.0	0	-	0	-
CEBU CITY.....	1670	267.8	346	55.5	36	5.8	13	2.1
DANAO CITY.....	60	89.5	16	23.9	0	-	0	-
DUMAGUETE CITY...	134	170.1	59	74.9	3	3.8	2	2.5
LAPU-LAPU CITY...	1306	1028.0	43	33.8	0	-	0	-
MANDAWE CITY.....	53	30.5	40	23.0	7	4.0	2	1.2
TAGBILARAN CITY...	59	116.5	42	82.9	2	3.9	1	2.0
TOLEDO CITY.....	45	39.1	20	17.4	9	7.8	0	-
REGION 8	9088	290.6	1510	48.3	111	3.5	14	0.4
LEYTE DEL NORTE...	4720	377.7	690	55.2	67	5.4	4	0.3
LEYTE DEL SUR.....	961	260.7	231	62.7	6	1.6	0	-
EASTERN SAMAR.....	832	212.8	75	19.2	2	0.5	1	0.3
NORTHERN SAMAR....	1456	306.1	133	28.0	3	0.6	0	-
WESTERN SAMAR.....	610	142.5	99	23.1	10	2.3	1	0.2
CALBAYOG CITY.....	103	84.0	80	65.2	3	2.4	1	0.8
ORMOC CITY.....	182	140.1	106	81.6	15	11.5	3	2.3
TACLOBAN CITY.....	224	165.3	96	70.8	5	3.7	4	3.0
REGION 9	13927	421.9	762	23.1	82	2.5	7	0.2
BASILAN.....	190	75.2	42	16.6	2	0.8	0	-
SULU.....	1616	369.5	29	6.6	1	0.2	0	-
TANI-TAWI.....	274	114.9	6	2.5	0	-	0	-
ZAMBA. DEL NORTE...	2317	404.3	98	17.1	5	0.9	1	0.2
ZAMBA. DEL SUR.....	8272	863.3	208	21.7	58	6.0	1	0.1

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NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY.
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A R E A	TUBERCULOSIS, OTHER FORMS (010-012; 014-016; 197)				T. B. MENINGITIS (013)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	95	146.9	20	30.9	4	6.2	0	-
DIPLOLOG CITY.....	78	99.8	36	46.1	3	3.8	0	-
PAGADIAN CITY.....	220	215.1	70	68.5	0	-	0	-
ZAMBOANGA CITY.....	865	204.6	253	59.8	9	2.1	5	1.2
REGION 10	11254	319.2	938	26.6	528	15.0	10	0.3
AGUSAN DEL NORTE...	975	425.3	58	25.3	22	9.6	1	0.4
AGUSAN DEL SUR.....	108	30.9	59	16.9	3	0.9	0	-
BUKIDNON.....	2370	295.6	114	14.2	37	4.6	1	0.1
CAMIGUIN.....	633	918.4	20	29.0	1	1.5	0	-
MISAMIS OCC.....	600	220.3	62	22.8	35	12.9	2	0.7
MISAMIS OR.....	1085	226.7	127	26.8	4	0.8	0	-
SURIGAO DEL NORTE...	1688	460.7	112	30.6	86	23.5	1	0.3
BUTUAN CITY.....	271	123.1	66	30.0	91	41.3	1	0.5
CAGAYAN DE ORO.....	1491	451.0	119	36.9	244	73.9	3	0.9
SINGOOD CITY.....	1141	1132.4	38	37.7	1	1.0	0	-
OROQUIETA CITY.....	295	507.7	22	37.9	0	-	0	-
DAVAO CITY.....	464	495.2	60	64.0	0	-	0	-
SURIGAO CITY.....	105	106.0	64	64.6	4	4.0	1	1.0
TAGBILAR CITY.....	28	61.9	17	37.6	0	-	0	-
REGION 11	9795	226.0	1219	28.1	346	8.0	23	0.5
COTABATO SOUTH.....	1549	202.6	170	22.2	19	2.5	2	0.3
DAVAO DEL NORTE.....	912	95.6	247	25.9	16	1.7	6	0.6
DAVAO ORIENTAL.....	1138	266.9	59	13.8	27	6.3	1	0.2
DAVAO DEL SUR.....	824	127.2	174	26.9	21	3.2	3	0.5
SURIGAO DEL SUR.....	2488	499.5	129	25.9	32	6.4	4	0.8
DAVAO CITY.....	2436	298.0	307	37.6	60	7.3	7	0.9
GEN. SANTOS CITY...	448	196.8	139	58.4	171	75.1	0	-
REGION 12	10983	382.4	551	19.2	148	5.2	10	0.3
COTABATO NORTH.....	2122	290.3	157	21.5	66	9.0	2	0.3
LANAO DEL NORTE.....	1310	335.0	91	23.3	29	5.9	1	0.3
LANAO DEL SUR.....	965	227.5	16	3.8	9	2.1	0	-
MAGUINDANAO.....	2339	420.8	18	3.2	10	1.8	0	-
SULTAN KUDARAT.....	3470	851.9	81	19.9	16	3.9	2	0.5
COTABATO CITY.....	505	484.8	69	66.2	15	14.4	4	3.8
ILIGAN CITY.....	142	72.0	108	54.8	7	3.6	1	0.5
IMARAWI CITY.....	130	213.0	11	18.0	2	3.3	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

AREA	LEPROSY (030)				DIPHTHERIA (032)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	4228	7.0	95	0.2	1297	2.2	117	0.2
NAT. CAP. REGION..	29	0.2	10	0.1	347	4.5	27	0.4
1ST DIST. MANILA..	0	-	0	-	260	14.0	21	1.1
2ND DIST. MUN.....	4	0.4	0	-	10	0.9	2	0.2
QUEZON CITY.....	0	-	0	-	70	4.5	1	0.06
3RD DIST. MUN.....	0	-	0	-	4	0.5	1	0.1
CALOCAN CITY....	15	1.0	9	0.6	0	-	0	-
4TH DIST. MUN.....	2	0.1	0	-	3	0.2	2	0.1
PASAY CITY.....	2	0.5	1	0.3	0	-	0	-
C.A.R.	49	4.3	2	0.2	297	25.9	1	0.09
ABRA.....	9	4.1	2	0.9	5	2.3	0	-
BENGUET.....	10	3.4	0	-	289	99.3	0	-
IFUGAO.....	6	4.5	0	-	0	-	0	-
KALINGA-APAYAO...	14	6.0	0	-	0	-	0	-
MT. PROVINCE.....	5	4.2	0	-	0	-	0	-
BAGUIO CITY.....	5	3.3	0	-	3	2.0	1	0.7
REGION 1	386	11.2	14	0.4	39	1.1	12	0.3
ILOCOS NORTE.....	27	6.9	6	1.5	4	1.0	3	0.8
ILOCOS SUR.....	122	22.9	2	0.4	5	0.9	1	0.2
ILA UNION.....	22	3.9	2	0.4	5	0.9	1	0.2
PANGASINAN.....	199	12.1	4	0.2	15	0.9	3	0.2
DAGUPAN CITY.....	0	-	0	-	3	2.7	3	2.7
LAOAG CITY.....	0	-	0	-	3	3.9	0	-
SAN CARLOS CITY...	16	13.7	0	-	4	3.4	1	0.9
REGION 2	537	22.3	4	0.2	91	1.3	3	0.1
BATANES.....	7	39.3	0	-	0	-	0	-
CAGAYAN.....	327	38.0	2	0.2	6	0.7	2	0.2
ISABELA.....	87	7.9	2	0.2	7	0.6	1	0.09
INEUA VIZCAYA....	96	30.8	0	-	3	1.0	0	-
QUIRINO.....	20	17.4	0	-	15	13.0	0	-
REGION 3	393	6.6	12	0.2	79	1.3	3	0.05
BATAAN.....	42	9.8	0	-	5	1.2	0	-
BULACAN.....	6	0.4	1	0.07	8	0.6	1	0.07
INEUA ECIJA.....	178	17.1	5	0.5	18	1.7	0	-
PAMPANGA.....	20	1.6	2	0.2	12	1.0	0	-
TARLAC.....	22	2.7	2	0.2	5	0.6	2	0.2
ZAMBALES.....	25	6.8	1	0.3	6	1.6	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1969

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AREA	LEPROSY (030)				DIPHTHERIA (092)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	59	24.0	1	0.4	21	8.5	0	-
CABANATUAN CITY....	40	23.4	0	-	2	1.2	0	-
OLONGAPO CITY.....	0	-	0	-	2	1.0	0	-
PALAYAN CITY.....	1	4.8	0	-	0	-	0	-
SAN JOSE CITY.....	0	-	0	-	0	-	0	-
REGION 4	308	9.9	11	0.1	111	1.4	12	0.2
AURORA.....	26	18.4	0	-	2	1.4	0	-
BATANGAS.....	5	0.5	3	0.3	5	0.5	1	0.09
CAVITE.....	0	-	0	-	10	1.1	0	-
LAGUNA.....	98	9.4	3	0.3	3	0.3	1	0.09
MARINDUQUE.....	16	7.7	0	-	0	-	0	-
MINDORO OCC.....	0	-	0	-	0	-	0	-
MINDORO OR.....	10	1.7	1	0.2	42	7.3	3	0.5
PALAWAN.....	83	20.6	0	-	21	5.2	0	-
QUEZON.....	35	2.7	0	-	7	0.5	1	0.08
RIZAL.....	48	6.4	4	0.5	4	0.5	1	0.1
ROMBLON.....	0	-	0	-	0	-	0	-
BATANGAS CITY.....	4	2.3	0	-	4	2.3	0	-
CAVITE CITY.....	1	1.0	0	-	0	-	0	-
LIPA CITY.....	2	1.4	0	-	0	-	0	-
LUCENA CITY.....	27	18.8	0	-	8	5.6	4	2.8
PUERTO PRINCESA....	0	-	0	-	2	2.4	0	-
SAN PABLO CITY.....	13	8.4	0	-	0	-	0	-
TAGAYTAY CITY.....	0	-	0	-	0	-	0	-
TRECE MARTIRES.....	0	-	0	-	3	27.0	1	9.0
REGION 5	84	2.0	4	0.09	47	1.1	6	0.2
ALBAY.....	4	0.5	0	-	12	1.4	0	-
CAMARINES NORTE....	11	2.8	0	-	2	0.5	1	0.3
CAMARINES SUR.....	10	0.8	3	0.3	6	0.5	2	0.2
CATANDUANES.....	7	3.4	0	-	10	4.8	1	0.5
MASBATE.....	12	1.7	0	-	0	-	0	-
SORSOGON.....	35	5.6	1	0.2	9	0.5	0	-
IRIGA CITY.....	5	6.8	0	-	0	-	0	-
LEGASPI CITY.....	0	-	0	-	3	2.2	1	0.7
NAGA CITY.....	0	-	0	-	11	10.9	3	3.0
REGION 6	106	1.9	11	0.2	73	1.3	16	0.3
AKLAN.....	3	0.7	0	-	6	2.0	2	0.5
ANTIQUE.....	25	5.8	2	0.5	14	3.3	2	0.5
CAPIZ.....	1	0.2	1	0.2	14	2.8	1	0.2
ILOILO.....	17	1.2	8	0.6	9	0.6	1	0.07
INEGROS OCC.....	2	0.1	0	-	13	0.9	3	0.2

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	LEPROSY (030)				DIPHTHERIA (032)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BAKOLOD CITY.....	23	7.2	0	-	9	2.8	4	1.3
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	11	7.5	0	-	0	-	0	-
ILOILO CITY.....	0	-	0	-	3	1.1	1	0.4
LA CARLOTA CITY...	1	1.7	0	-	0	-	0	-
ROMAS CITY.....	17	16.8	0	-	3	3.0	2	2.0
SAN CARLOS CITY...	1	1.0	0	-	0	-	0	-
SILAY CITY.....	5	9.8	0	-	0	-	0	-
REGION 7	699	15.4	12	0.3	18	0.4	5	0.1
BOHOL.....	63	7.2	2	0.2	0	-	0	-
CEBU.....	24	1.7	2	0.1	2	0.1	0	-
NEGROS OR.....	267	32.1	0	-	2	0.2	1	0.1
SIGUIJOR.....	0	-	0	-	0	-	0	-
BAIS CITY.....	4	7.0	0	-	0	-	0	-
CANLAON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	210	33.7	3	0.5	7	1.1	2	0.3
DANAO CITY.....	2	9.0	0	-	0	-	0	-
DUMAGUETE CITY....	76	96.5	0	-	0	-	0	-
LAPU-LAPU CITY....	35	27.6	0	-	2	1.6	1	0.8
MANDAWE CITY.....	12	6.9	5	2.9	0	-	0	-
TAGBILARAN CITY...	0	-	0	-	0	-	0	-
TOLEDO CITY.....	6	5.2	0	-	5	4.3	1	0.9
REGION 8	225	7.2	2	0.06	9	0.3	2	0.06
LEYTE DEL NORTE...	76	6.1	1	0.08	1	0.08	0	-
LEYTE DEL SUR.....	4	1.1	0	-	4	1.1	2	0.5
EASTERN SAMAR.....	4	1.0	0	-	2	0.5	0	-
NORTHERN SAMAR....	196	28.6	1	0.2	2	0.4	0	-
WESTERN SAMAR.....	5	1.2	0	-	0	-	0	-
CALBAYOG CITY.....	0	-	0	-	0	-	0	-
ORMOC CITY.....	0	-	0	-	0	-	0	-
TACLOBAN CITY.....	0	-	0	-	0	-	0	-
REGION 9	327	9.9	7	0.2	39	1.2	1	0.03
BASILAN.....	30	11.9	0	-	32	12.7	0	-
SULU.....	29	6.6	0	-	0	-	0	-
TAWI-TAWI.....	0	-	0	-	0	-	0	-
ZAMB. DEL NORTE...	73	12.7	1	0.2	0	-	0	-
ZAMB. DEL SUR.....	180	18.8	1	0.1	3	0.3	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	LEPROSY (030)				DIPHTHERIA (092)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAKITAN CITY.....	0	-	0	-	0	-	0	-
DIPOLOG CITY.....	0	-	0	-	0	-	0	-
PAGADIAN CITY.....	4	3.9	0	-	0	-	0	-
ZAMBOANGA CITY....	11	2.6	5	1.2	4	0.9	1	0.2
REGION 10	252	7.1	1	0.09	110	9.1	9	0.09
AGUSAN DEL NORTE..	95	41.4	0	-	2	0.9	0	-
AGUSAN DEL SUR....	3	0.9	0	-	3	0.9	1	0.9
BUKIDNON.....	15	1.9	1	0.1	4	0.5	0	-
CAMIGUIN.....	65	94.3	0	-	0	-	0	-
MISAMIS OCC.....	2	0.7	0	-	1	0.4	0	-
MISAMIS OR.....	20	4.2	0	-	0	-	0	-
SURIGAO DEL NORTE.	8	2.2	0	-	71	19.4	0	-
BUTUAN CITY.....	1	0.5	0	-	2	0.9	1	0.5
CAGAYAN DE ORO....	9	0.9	0	-	24	7.9	0	-
GINGOGG CITY.....	32	31.8	0	-	0	-	0	-
OROGUETA CITY....	0	-	0	-	0	-	0	-
IOZAMIS CITY.....	3	3.2	0	-	9	9.2	1	1.1
SURIGAO CITY.....	0	-	0	-	0	-	0	-
TANGUB CITY.....	5	11.0	0	-	0	-	0	-
REGION 11	642	14.8	1	0.02	56	1.3	16	0.4
COTABATO SOUTH....	164	21.5	0	-	12	1.6	3	0.4
DAVAO DEL NORTE...	293	30.7	0	-	9	0.3	1	0.1
DAVAO ORIENTAL....	5	1.2	0	-	5	1.2	2	0.5
DAVAO DEL SUR.....	23	3.6	0	-	2	0.3	1	0.2
SURIGAO DEL SUR...	64	12.8	1	0.2	10	2.0	1	0.2
DAVAO CITY.....	13	1.6	0	-	18	2.2	6	0.7
GEN. SANTOS CITY..	80	35.1	0	-	6	2.6	2	0.9
REGION 12	197	6.9	4	0.1	41	1.4	8	0.3
COTABATO NORTH....	76	10.4	0	-	6	0.9	0	-
LANAO DEL NORTE...	25	6.4	0	-	1	0.3	0	-
LANAO DEL SUR.....	19	4.5	0	-	2	0.5	0	-
MAGUINDANAO.....	15	2.7	2	0.4	4	0.7	0	-
SULTAN KUDARAT....	60	14.7	2	0.5	9	2.2	1	0.2
COTABATO CITY.....	0	-	0	-	9	8.6	5	4.8
ILIGAN CITY.....	0	-	0	-	5	2.5	2	1.0
MARAWI CITY.....	2	3.3	0	-	5	9.2	0	-

TABLE 16

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989**

A R E A	WHOOPIING COUGH (033)				TETANUS (037)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	9466	15.8	12	0.02	3102	5.2	1040	1.7
NAT. CAP. REGION..	297	3.3	0	-	327	4.2	123	1.6
1ST DIST. MANILA..	140	7.5	0	-	200	10.8	102	5.5
2ND DIST. MUN.....	25	2.3	0	-	20	1.8	1	0.09
QUEZON CITY.....	14	0.9	0	-	75	4.3	9	0.6
3RD DIST. MUN.....	45	6.0	0	-	8	1.1	3	0.4
CALOCAN CITY....	5	0.3	0	-	10	0.6	2	0.1
4TH DIST. MUN.....	58	3.9	0	-	11	0.7	6	0.4
PASAY CITY.....	10	2.7	0	-	3	0.8	0	-
C.A.R.	34	3.0	0	-	57	5.0	18	1.6
ABRA.....	2	0.9	0	-	10	4.6	4	1.8
BENGUET.....	0	-	0	-	8	2.7	1	0.3
IFUGAO.....	13	9.8	0	-	12	9.0	5	3.8
KALINGA-APAYAO...	15	6.4	0	-	16	6.9	5	2.1
MT. PROVINCE.....	4	3.4	0	-	7	5.9	1	0.8
BAGUIO CITY.....	0	-	0	-	4	2.6	2	1.3
REGION 1	69	2.0	0	-	179	5.2	91	2.7
ILOCOS NORTE.....	0	-	0	-	20	5.1	12	3.1
ILOCOS SUR.....	17	3.2	0	-	14	2.6	11	2.1
LA UNION.....	20	3.6	0	-	23	4.1	7	1.2
PANGASINAN.....	22	1.3	0	-	55	3.4	32	2.0
ORAGUPAN CITY.....	9	8.1	0	-	47	42.1	22	19.7
ILADAG CITY.....	0	-	0	-	6	7.9	3	9.9
SAN CARLOS CITY...	1	0.9	0	-	14	12.0	4	3.4
REGION 2	268	11.1	1	0.04	165	6.8	65	2.7
BATANES.....	0	-	0	-	0	-	0	-
CABAYAN.....	22	2.6	0	-	95	11.0	19	2.2
ISABELA.....	98	8.9	1	0.09	35	3.2	28	2.5
INEUVA VIZCAYA...	41	13.2	0	-	5	1.6	2	0.6
QUIRINO.....	107	32.9	0	-	30	26.0	16	13.9
REGION 3	366	6.1	1	0.02	161	2.7	52	0.9
BATAAN.....	19	4.4	0	-	12	2.8	5	1.2
BULACAN.....	76	5.6	0	-	16	1.2	7	0.5
INEUVA ECIJA.....	13	1.2	1	0.1	26	2.5	10	1.0
PAMPANGA.....	107	8.6	0	-	21	1.7	5	0.4
TARLAC.....	57	7.0	0	-	20	2.5	12	1.5
ZAMBALES.....	44	12.0	0	-	28	7.6	5	1.4

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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AREA	WHOOPIING COUGH (033)				TETANUS (037)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	44	17.9	0	-	11	4.5	2	0.8
CABANATUAN CITY....	0	-	0	-	12	7.0	3	1.8
OLONGAPO CITY.....	6	9.1	0	-	4	2.1	1	0.5
PALAYAN CITY.....	0	-	0	-	1	4.8	0	-
SAN JOSE CITY.....	0	-	0	-	10	13.4	2	2.7
REGION 4	1841	23.3	1	0.01	213	2.7	93	1.2
AURORA.....	257	182.3	0	-	13	11.4	7	5.0
BATANGAS.....	50	4.5	0	-	14	1.3	7	0.6
CAVITE.....	24	2.5	0	-	13	1.4	7	0.7
LAGUNA.....	759	66.9	0	-	39	9.4	6	0.7
MARINDUQUE.....	20	9.6	0	-	1	0.5	1	0.5
MINDORO OCC.....	26	9.2	0	-	10	3.5	2	0.7
MINDORO OR.....	85	14.8	0	-	15	2.6	11	1.9
PALAWAN.....	460	114.2	0	-	12	3.0	6	1.5
QUEZON.....	30	2.3	1	0.09	16	1.3	11	0.9
RIZAL.....	45	6.0	0	-	15	2.0	7	0.9
ROMBLON.....	2	0.8	0	-	7	3.0	3	1.3
BATANGAS CITY.....	1	0.7	0	-	9	5.1	5	2.8
CAVITE CITY.....	3	3.0	0	-	3	3.0	1	1.0
LILIPA CITY.....	0	-	0	-	2	1.4	1	0.7
LUCENA CITY.....	61	42.6	0	-	18	12.6	4	2.8
PUERTO PRINCESA....	2	2.4	0	-	5	6.0	3	3.6
SAN PABLO CITY.....	13	8.4	0	-	9	5.8	6	3.9
TAGAYTAY CITY.....	2	9.1	0	-	6	27.3	2	9.1
TRECE MARTIRES.....	1	9.0	0	-	3	27.0	1	9.0
REGION 5	780	18.2	2	0.05	302	7.0	56	1.3
ALBAY.....	114	13.4	0	-	24	2.8	11	1.3
CAMARINES NORTE....	14	3.6	0	-	54	13.9	6	1.5
CAMARINES SUR.....	418	34.8	1	0.08	102	8.5	12	1.0
CATANDUANES.....	20	9.6	0	-	35	16.8	2	1.0
MASBATE.....	202	28.3	0	-	43	6.0	5	0.7
SORSOGON.....	10	1.6	1	0.2	17	2.7	13	2.1
IRIGA CITY.....	1	1.4	0	-	8	11.0	3	4.1
LEGASPI CITY.....	0	-	0	-	10	7.5	3	2.2
NAGA CITY.....	1	1.0	0	-	9	6.9	1	1.0
REGION 6	728	13.1	2	0.04	316	5.7	102	1.8
AKLAN.....	17	4.2	1	0.2	18	4.4	9	2.2
ANTIQUE.....	98	22.9	1	0.2	22	5.1	9	2.1
CAPIZ.....	20	3.9	0	-	30	5.9	5	1.0
ILOILO.....	10	0.7	0	-	38	2.6	18	1.9
INEGROS OCC.....	520	34.4	0	-	65	4.3	20	1.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

AREA	WHOPPING COUGH (033)				TETANUS (097)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BACOLOD CITY.....	7	2.2	0	-	20	6.3	15	4.7
BAGO CITY.....	0	-	0	-	3	2.4	1	0.8
CADIZ CITY.....	2	1.4	0	-	4	2.7	1	0.7
ILOILO CITY.....	21	7.4	0	-	22	7.7	15	5.3
LA CARLOTA CITY....	0	-	0	-	2	3.4	2	3.4
LOKAS CITY.....	20	19.7	0	-	72	71.0	3	9.0
SAN CARLOS CITY....	8	8.2	0	-	11	11.3	3	9.1
SILAY CITY.....	5	3.8	0	-	9	6.9	1	0.8
REGION 7	2277	50.3	1	0.02	166	3.7	84	1.9
BOHOL.....	1813	206.6	0	-	26	9.0	12	1.4
CEBU.....	89	6.3	0	-	29	2.0	23	1.6
NEGROS OR.....	166	20.0	1	0.1	15	1.8	5	0.6
SIGUIJOR.....	2	2.5	0	-	5	6.2	1	1.2
BAIS CITY.....	2	3.5	0	-	11	19.3	2	3.5
CANLARAN CITY.....	1	3.2	0	-	2	6.4	0	-
CEBU CITY.....	69	11.1	0	-	45	7.2	29	4.7
DANAO CITY.....	70	104.4	0	-	3	4.5	1	1.5
DUMAGUETE CITY....	5	6.3	0	-	11	14.0	4	5.1
LAPU-LAPU CITY....	56	44.1	0	-	13	10.2	3	2.4
MANDAWE CITY.....	0	-	0	-	0	-	0	-
TAGBILARAN CITY....	0	-	0	-	3	5.9	2	3.9
TOLEDO CITY.....	4	3.5	0	-	3	2.6	2	1.7
REGION 8	430	13.7	1	0.03	127	4.1	53	1.7
LEYTE DEL NORTE...	92	7.4	0	-	57	4.6	20	1.6
LEYTE DEL SUR.....	10	2.7	0	-	15	4.1	8	2.2
EASTERN SAMAR.....	77	19.7	0	-	2	0.5	2	0.5
NORTHERN SAMAR.....	118	24.8	0	-	9	1.9	6	1.3
WESTERN SAMAR.....	77	18.0	0	-	12	2.8	4	0.9
CALBAYOG CITY.....	30	24.5	1	0.8	9	7.3	5	4.1
ORMOC CITY.....	26	20.0	0	-	10	7.7	2	1.5
TACLOBAN CITY.....	0	-	0	-	13	9.6	6	4.4
REGION 9	518	15.7	0	-	235	7.1	80	2.4
BAKILAN.....	20	7.9	0	-	4	1.6	4	1.6
SULU.....	195	44.6	0	-	15	3.4	15	3.4
TAWI-TAWI.....	0	-	0	-	1	0.4	1	0.4
ZAMB. DEL NORTE...	26	4.5	0	-	10	1.7	7	1.2
ZAMB. DEL SUR.....	260	27.1	0	-	132	13.8	19	2.0

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	WHOOPING COUGH (033)				TETANUS (037)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	0	-	0	-	7	10.8	4	6.2
DIPOLOG CITY.....	3	3.8	0	-	10	12.8	4	5.1
PAGADIAN CITY.....	5	4.9	0	-	15	14.7	12	11.7
ZAMBOANGA CITY.....	9	2.1	0	-	41	9.7	14	9.9
REGION 10	363	10.3	0	-	318	9.0	58	1.6
AGUSAN DEL NORTE...	20	8.7	0	-	26	11.3	3	1.6
AGUSAN DEL SUR....	30	8.6	0	-	10	2.9	2	0.6
BUKIDNON.....	51	6.4	0	-	40	5.0	14	1.7
CAMIGUIN.....	0	-	0	-	4	5.8	1	1.5
MISAMIS OCC.....	10	3.7	0	-	11	4.0	2	0.7
MISAMIS OR.....	60	12.6	0	-	12	2.5	7	1.5
SURIGAO DEL NORTE..	54	14.7	0	-	13	3.3	2	0.5
BUTUAN CITY.....	88	40.0	0	-	35	15.9	13	5.9
CAGAYAN DE ORO....	2	0.6	0	-	87	26.3	6	1.8
GINGOOD CITY.....	26	25.8	0	-	56	55.6	2	2.0
OROQUIETA CITY....	10	17.2	0	-	5	8.6	0	-
IOZAMIS CITY.....	0	-	0	-	12	12.8	3	3.2
SURIGAO CITY.....	12	12.1	0	-	4	4.0	2	2.0
TANGUB CITY.....	0	-	0	-	3	6.6	1	2.2
REGION 11	416	9.6	2	0.05	281	6.5	103	2.4
COTABATO SOUTH....	101	13.2	1	0.1	38	5.0	3	0.4
DAVAO DEL NORTE...	85	8.9	0	-	12	1.3	4	0.4
DAVAO ORIENTAL....	63	15.2	0	-	59	13.8	31	7.3
DAVAO DEL SUR.....	35	5.4	0	-	18	2.8	13	2.0
SURIGAO DEL SUR...	37	7.4	0	-	28	5.6	15	3.0
DAVAO CITY.....	60	7.3	0	-	115	14.1	28	3.4
GEN. SANTOS CITY..	33	14.5	1	0.4	11	4.8	9	4.0
REGION 12	1079	37.6	1	0.03	255	8.9	62	2.2
COTABATO NORTH....	322	44.0	0	-	66	9.0	15	2.1
LANAO DEL NORTE...	12	9.1	0	-	11	2.8	5	1.3
LANAO DEL SUR.....	62	14.6	0	-	41	9.7	0	-
MAGUINDANAO.....	150	27.0	0	-	15	2.7	1	0.2
SULTAN KUORAT....	495	121.5	0	-	14	3.4	7	1.7
COTABATO CITY.....	0	-	0	-	70	67.2	25	24.0
ILIGAN CITY.....	5	2.5	1	0.5	15	7.6	1	0.5
MAPAWI CITY.....	33	54.1	0	-	23	37.7	8	19.1

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	ACUTE POLIOMYELITIS (045-138)				VARICELLA (052)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	935	0.6	32	0.05	16931	28.2	23	0.04
NAT. CAP. REGION..	53	0.7	5	0.06	1657	21.5	4	0.05
1ST DIST. MANILA..	35	1.9	2	0.1	410	22.1	2	0.1
2ND DIST. MUN.....	5	0.5	1	0.09	225	20.7	0	-
QUEZON CITY.....	7	0.5	1	0.06	460	29.8	1	0.06
3RD DIST. MUN.....	4	0.5	0	-	130	17.3	0	-
CALOCAN CITY....	2	0.1	1	0.06	82	5.3	0	-
4TH DIST. MUN.....	0	-	0	-	90	6.0	1	0.07
PASAY CITY.....	0	-	0	-	260	71.1	0	-
C.A.R.	21	1.8	1	0.09	801	69.8	1	0.09
ABRA.....	3	1.4	0	-	20	9.1	0	-
BENGUET.....	2	0.7	0	-	105	36.1	1	0.3
IFUGAO.....	4	3.0	0	-	224	168.6	0	-
KALINGA-APAYAO...	0	-	0	-	178	76.4	0	-
MT. PROVINCE.....	2	1.7	0	-	67	56.3	0	-
BAGUIO CITY.....	10	6.6	1	0.7	207	136.0	0	-
REGION 1	56	1.6	1	0.03	626	18.2	0	-
ILOCOS NORTE.....	0	-	0	-	44	11.2	0	-
ILOCOS SUR.....	1	0.2	0	-	236	44.3	0	-
ILA UNION.....	10	1.9	0	-	98	17.4	0	-
PANGASINAN.....	10	0.6	0	-	195	11.9	0	-
DAGUPAN CITY.....	29	26.0	0	-	35	31.3	0	-
LAOAG CITY.....	0	-	0	-	5	6.5	0	-
SAN CARLOS CITY...	6	5.1	1	0.9	13	11.1	0	-
REGION 2	10	0.4	4	0.2	655	27.1	0	-
BATANES.....	0	-	0	-	115	645.1	0	-
CAGAYAN.....	4	0.5	2	0.2	219	25.4	0	-
ISABELA.....	3	0.3	2	0.2	171	15.4	0	-
NEUVA VIZCAYA....	2	0.6	0	-	74	29.8	0	-
QUIRINO.....	1	0.9	0	-	76	65.9	0	-
REGION 3	37	0.6	6	0.1	1808	30.4	2	0.03
BATAAN.....	7	1.6	0	-	358	89.4	0	-
BULACAN.....	6	0.4	1	0.07	147	10.8	0	-
NUEVA ECIJA.....	10	1.0	1	0.1	111	10.7	1	0.1
PAMPANGA.....	3	0.2	1	0.08	318	25.6	0	-
TARLAC.....	2	0.2	1	0.1	413	50.8	0	-
ZAMBALES.....	4	1.1	0	-	71	19.4	1	0.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	ACUTE POLIOMYELITIS (045-138)				VARICELLA (052)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	0	-	0	-	315	128.1	0	-
CABANATUAN CITY....	1	0.6	0	-	0	-	0	-
OLONGAPO CITY.....	4	2.1	2	1.0	58	30.1	0	-
PALAYAN CITY.....	0	-	0	-	6	29.6	0	-
SAN JOSE CITY.....	0	-	0	-	11	14.8	0	-
REGION 4	36	0.5	5	0.06	1659	21.0	2	0.03
AURORA.....	0	-	0	-	12	8.5	0	-
BATANGAS.....	2	0.2	0	-	90	8.1	0	-
CAVITE.....	5	0.5	0	-	100	10.6	0	-
LAGUNA.....	3	0.3	2	0.2	50	4.4	0	-
MARINOUQUE.....	4	1.9	1	0.5	202	96.7	0	-
MINDORO OCC.....	1	0.4	0	-	0	-	0	-
MINDORO OR.....	5	0.9	1	0.2	55	9.6	0	-
PALAWAN.....	0	-	0	-	45	11.2	0	-
QUEZON.....	4	0.4	0	-	377	29.5	0	-
RIZAL.....	0	-	0	-	555	74.2	0	-
ROMBLON.....	0	-	0	-	10	4.2	0	-
BATANGAS CITY.....	6	3.4	1	0.6	3	1.7	1	0.6
CAVITE CITY.....	4	4.0	0	-	71	71.3	0	-
LIPA CITY.....	0	-	0	-	0	-	0	-
LUCENA CITY.....	2	1.4	0	-	15	10.5	1	0.7
PUERTO PRINCESA....	0	-	0	-	13	15.7	0	-
SAN PABLO CITY.....	0	-	0	-	59	38.2	0	-
TAGAYTAY CITY.....	0	-	0	-	2	9.1	0	-
TRECE MARTIRES.....	0	-	0	-	0	-	0	-
REGION 5	24	0.6	3	0.07	1012	23.6	2	0.05
ALBAY.....	3	0.4	0	-	149	17.5	0	-
CAMARINES NORTE....	0	-	0	-	65	16.7	0	-
CAMARINES SUR.....	4	0.3	1	0.08	130	10.8	1	0.08
CATANDUANES.....	0	-	0	-	22	10.6	0	-
MASBATE.....	0	-	0	-	162	22.7	1	0.1
SORSOGON.....	15	2.4	1	0.2	451	72.4	0	-
IRIGA CITY.....	0	-	0	-	3	4.1	0	-
LEGASPI CITY.....	2	1.5	1	0.7	30	22.4	0	-
NAGA CITY.....	0	-	0	-	0	-	0	-
REGION 6	11	0.2	2	0.04	673	12.1	1	0.02
AKLAN.....	2	0.5	0	-	45	11.1	0	-
ANTIQUE.....	2	0.5	1	0.2	229	53.5	0	-
CAPIZ.....	0	-	0	-	15	3.0	0	-
ILOILO.....	1	0.07	0	-	5	0.3	0	-
NEGROS OCC.....	9	1.2	1	0.07	64	4.2	1	0.07

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	ACUTE POLIOMYELITIS (045-138)				VARICELLA (052)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BACOLOD CITY.....	2	0.6	0	-	56	17.6	0	-
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	0	-	0	-	0	-	0	-
ILOILO CITY.....	1	0.4	0	-	91	32.0	0	-
LA CARLOTA CITY....	0	-	0	-	10	17.2	0	-
LOKAS CITY.....	0	-	0	-	74	72.9	0	-
SAN CARLOS CITY....	0	-	0	-	74	75.7	0	-
SILAY CITY.....	0	-	0	-	10	7.6	0	-
REGION 7	33	0.7	1	0.02	1261	27.8	9	0.07
BOHOL.....	0	-	0	-	188	21.4	1	0.1
CEBU.....	4	0.3	0	-	42	3.0	0	-
NEGROS OR.....	0	-	0	-	790	95.1	0	-
SIGUIJOR.....	0	-	0	-	9	11.1	0	-
BAIS CITY.....	2	3.5	0	-	14	24.6	0	-
CANLON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	15	2.4	1	0.2	135	21.6	2	0.3
DANAO CITY.....	0	-	0	-	2	3.0	0	-
DUMAGUETE CITY....	9	11.4	0	-	35	44.4	0	-
LAPU-LAPU CITY....	0	-	0	-	40	31.5	0	-
MANDAWA CITY.....	0	-	0	-	2	1.2	0	-
TAGBILARAN CITY....	3	5.9	0	-	0	-	0	-
TOLEDO CITY.....	0	-	0	-	4	3.5	0	-
REGION 8	8	0.3	1	0.03	330	10.6	0	-
ILEYTE DEL NORTE...	2	0.2	0	-	167	13.4	0	-
ILEYTE DEL SUR.....	0	-	0	-	18	4.9	0	-
EASTERN SAMAR.....	0	-	0	-	22	5.6	0	-
NORTHERN SAMAR.....	0	-	0	-	106	22.3	0	-
WESTERN SAMAR.....	3	0.7	0	-	12	2.8	0	-
CALBAYOG CITY.....	3	2.4	1	0.8	2	1.6	0	-
ORMOC CITY.....	0	-	0	-	3	2.3	0	-
TACLOBAN CITY.....	0	-	0	-	0	-	0	-
REGION 9	2	0.06	1	0.03	1008	30.5	0	-
BASILAN.....	0	-	0	-	10	4.0	0	-
SULU.....	0	-	0	-	24	5.5	0	-
TAWI-TAWI.....	0	-	0	-	0	-	0	-
ZAMB. DEL NORTE....	1	0.2	0	-	359	62.6	0	-
ZAMB. DEL SUR.....	1	0.1	1	0.1	559	58.9	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
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AREA	ACUTE POLIOMYELITIS (045-139)				VARICELLA (052)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	0	-	0	-	5	7.7	0	-
DIPOLOG CITY.....	0	-	0	-	3	9.8	0	-
PAGADIAN CITY.....	0	-	0	-	10	9.8	0	-
ZAMBOANGA CITY.....	0	-	0	-	38	9.0	0	-
REGION 10	19	0.5	1	0.03	633	23.6	2	0.06
AGUSAN DEL NORTE..	0	-	0	-	129	56.3	0	-
AGUSAN DEL SUR....	0	-	0	-	15	4.3	0	-
BUKIDNON.....	5	0.6	0	-	63	7.9	0	-
CAMIGUIN.....	0	-	0	-	2	2.9	0	-
MISAMIS OCC.....	0	-	0	-	10	3.7	0	-
MISAMIS OR.....	0	-	0	-	215	45.9	0	-
SURIGAO DEL NORTE..	4	1.1	0	-	89	24.3	0	-
BUTUAN CITY.....	7	3.2	0	-	50	22.7	1	0.5
CAGAYAN DE ORG....	1	0.3	0	-	117	35.3	0	-
GINGOGG CITY.....	0	-	0	-	26	25.8	0	-
OROQUIETA CITY....	0	-	0	-	15	25.8	0	-
OZAMIS CITY.....	0	-	0	-	66	70.4	1	1.1
SURIGAO CITY.....	2	2.0	1	1.0	36	36.4	0	-
TANGUB CITY.....	0	-	0	-	0	-	0	-
REGION 11	8	0.2	1	0.02	1873	49.2	4	0.09
COTABATO SOUTH....	0	-	0	-	652	85.3	0	-
DAVAO DEL NORTE....	0	-	0	-	652	68.3	2	-
DAVAO ORIENTAL....	5	1.2	0	-	44	10.3	0	-
DAVAO DEL SUR.....	2	0.3	0	-	61	9.4	0	-
SURIGAO DEL SUR....	0	-	0	-	240	48.2	0	-
DAVAO CITY.....	1	0.1	1	0.1	170	20.8	1	0.1
GEN. SANTOS CITY..	0	-	0	-	54	23.7	1	0.4
REGION 12	17	0.6	0	-	2735	95.2	2	0.07
COTABATO NORTH....	6	0.8	0	-	1506	206.0	0	-
LANAO DEL NORTE....	0	-	0	-	419	107.1	0	-
LANAO DEL SUR.....	0	-	0	-	395	93.1	0	-
MAGUINDANAO.....	5	0.9	0	-	206	97.1	0	-
SULTAN KUDARAT....	0	-	0	-	201	49.3	1	0.2
COTABATO CITY.....	0	-	0	-	9	2.9	0	-
ILIGAN CITY.....	0	-	0	-	5	2.5	1	0.5
MARAWI CITY.....	6	9.8	0	-	0	-	0	-

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TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	MEASLES (055)				H - FEVER (061-065)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	68496	114.0	6794	11.2	2240	9.7	199	0.3
NAT. CAP. REGION..	9113	118.2	1310	17.0	439	5.7	60	0.8
1ST DIST. MANILA..	3282	176.8	262	14.1	224	12.1	19	1.0
2ND DIST. MUN.....	500	46.0	156	14.4	32	2.9	10	0.9
QUEZON CITY.....	3050	197.3	227	14.7	114	7.4	17	1.1
3RD DIST. MUN.....	510	68.9	178	23.7	20	2.7	1	0.1
CALOCAN CITY....	390	21.3	168	10.9	17	1.1	5	0.3
4TH DIST. MUN.....	1002	66.6	277	18.4	15	1.0	4	0.3
PASAY CITY.....	499	120.1	42	11.5	17	4.7	4	1.1
C.A.R.	3458	301.5	60	5.2	14	1.2	2	0.2
ABRA.....	902	366.1	11	5.0	2	0.9	0	-
BENGUET.....	1545	531.0	10	3.4	3	1.0	1	0.3
IFUGAO.....	403	303.3	14	10.5	3	2.6	1	0.8
KALINGA-APAYAO....	389	167.0	18	7.7	6	2.6	0	-
MT. PROVINCE.....	191	160.6	3	2.5	0	-	0	-
BAGUIO CITY.....	128	84.1	4	2.6	0	-	0	-
REGION 1	2664	77.6	261	7.6	143	4.2	6	0.2
ILOCOS NORTE.....	677	172.4	13	3.3	5	1.3	0	-
ILOCOS SUR.....	810	152.2	31	5.8	0	-	0	-
LA UNION.....	381	67.7	34	6.0	6	1.1	1	0.2
PANGASINAN.....	516	31.5	123	7.5	10	0.6	2	0.1
DAGUPAN CITY.....	124	111.0	36	32.2	119	106.5	2	1.8
LAOAG CITY.....	68	89.4	5	6.6	3	3.9	1	1.3
SAN CARLOS CITY...	88	75.2	19	16.2	0	-	0	-
REGION 2	2616	108.4	232	9.6	72	9.0	3	0.1
BATANES.....	25	140.2	0	-	10	56.1	1	5.6
CAGAYAN.....	715	83.1	105	12.2	19	2.2	1	0.1
ISABELA.....	1155	104.3	110	9.9	15	1.4	1	0.09
NEUVA VIZCAYA....	228	73.2	5	1.6	0	-	0	-
QUIRINO.....	493	427.7	12	10.4	28	24.3	0	-
REGION 3	4891	82.1	427	7.2	175	2.9	12	0.2
BATAAN.....	522	121.5	21	4.9	9	2.1	1	0.2
BULACAN.....	1487	109.3	139	10.2	22	1.6	3	0.2
NUEVA ECIJA.....	406	39.9	42	4.0	1	0.1	1	0.1
PAMPANGA.....	645	52.0	81	6.5	51	4.1	4	0.3
TARLAC.....	552	67.9	53	6.5	16	2.0	0	-
ZAMBALES.....	481	131.1	45	12.3	12	3.3	1	0.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	MEASLES (055)				H - FEVER (061-065)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	329	139.8	7	2.8	45	18.3	2	0.8
CABANATUAN CITY....	168	98.9	21	12.3	0	-	0	-
OLONGAPO CITY.....	267	138.7	12	6.2	9	4.7	0	-
PALAYAN CITY.....	2	9.5	0	-	0	-	0	-
SAN JOSE CITY.....	32	42.9	6	8.0	10	13.4	0	-
REGION 4	6187	78.3	992	12.6	223	2.8	32	0.4
AURORA.....	350	248.3	29	20.6	0	-	1	0.7
BATANGAS.....	1372	123.7	45	4.1	17	1.5	5	0.5
CAVITE.....	750	79.5	83	8.8	45	4.8	5	0.5
LAGUNA.....	442	39.0	169	14.9	117	10.3	6	0.5
MARINDUQUE.....	310	148.4	20	9.6	0	-	0	-
MINDORO OCC.....	242	8.6	16	5.7	0	-	0	-
MINDORO OR.....	484	84.2	79	13.8	10	1.7	5	0.9
PALAWAN.....	622	154.4	46	11.4	5	1.2	1	0.2
QUEZON.....	569	44.5	269	21.0	2	0.2	1	0.08
RIZAL.....	527	70.5	101	19.5	2	0.3	2	0.3
ROMBLON.....	162	68.4	18	7.6	8	3.4	1	0.4
BATANGAS CITY.....	15	8.5	9	5.1	0	-	0	-
CAVITE CITY.....	76	76.3	8	8.0	8	8.0	2	2.0
LIPA CITY.....	18	12.2	5	3.4	2	1.4	1	0.7
LUCENA CITY.....	118	82.4	55	38.4	0	-	0	-
PUERTO PRINCESA....	35	42.1	14	16.9	3	3.6	1	1.2
SAN PABLO CITY.....	50	32.4	12	7.8	4	2.6	1	0.6
TAGAYTAY CITY.....	25	113.8	0	-	0	-	0	-
TRECE MARTIRES.....	20	180.1	14	126.1	0	-	0	-
REGION 5	6235	145.3	723	16.8	61	1.4	13	0.3
ALBAY.....	699	82.3	107	12.6	14	1.6	4	0.5
CAMARINES NORTE....	555	142.6	95	24.4	0	-	0	-
CAMARINES SUR.....	1780	148.4	163	13.6	11	0.9	5	0.4
CATANDUANES.....	198	95.2	88	42.3	27	13.0	3	1.4
MASBATE.....	1369	191.5	45	6.3	9	1.3	1	0.1
SORSOGON.....	1405	225.6	128	20.6	0	-	0	-
IRIGA CITY.....	33	45.2	2	2.7	0	-	0	-
LEGASPI CITY.....	112	83.5	57	42.5	0	-	0	-
NAGA CITY.....	84	83.0	38	37.6	0	-	0	-
REGION 6	4915	88.5	711	12.8	55	1.0	8	0.1
AKLAN.....	349	86.0	24	5.9	2	0.5	1	0.2
ANTIQUE.....	1041	243.2	21	4.9	12	2.8	0	-
CAPIZ.....	104	20.5	12	2.4	0	-	0	-
ILOILO.....	1575	109.4	64	4.4	10	0.7	2	0.2
NEGROS OCC.....	1001	66.3	395	26.1	8	0.5	2	0.1

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	MEASLES (055)				H - FEVER (061-065)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BARCELON CITY.....	183	57.6	77	24.2	16	5.0	0	-
BAGO CITY.....	64	50.6	28	22.1	0	-	0	-
CAOIZ CITY.....	13	8.9	5	3.4	0	-	0	-
ILOILO CITY.....	182	63.9	29	10.2	5	1.8	3	1.1
LA CARLOTA CITY....	77	132.5	3	5.2	0	-	0	-
RONAS CITY.....	113	111.4	26	25.6	0	-	0	-
SAN CARLOS CITY....	186	190.3	12	12.3	2	2.0	0	-
SILAY CITY.....	27	20.6	15	11.4	0	-	0	-
REGION 7	5897	130.1	550	12.1	295	6.5	7	0.2
BOHOL.....	1274	145.2	125	14.2	103	11.7	1	0.1
CEBU.....	2342	165.2	98	6.9	54	3.8	1	0.07
NEGROS OR.....	794	95.6	39	4.7	22	2.6	1	0.1
SIQUIJOR.....	7	8.6	3	3.7	0	-	0	-
BAIS CITY.....	49	85.9	2	3.5	0	-	0	-
CANLON CITY.....	112	357.4	14	44.7	0	-	0	-
CEBU CITY.....	717	115.0	145	23.3	54	8.7	3	0.5
DANAO CITY.....	83	123.7	2	3.0	3	4.5	0	-
DUMAGUETE CITY....	50	63.5	16	20.3	5	6.3	0	-
LAPU-LAPU CITY....	36	28.3	23	18.1	3	2.4	0	-
MANDAWAY CITY.....	52	29.9	45	25.9	0	-	0	-
TAGBILARAN CITY....	19	37.5	2	3.9	10	19.7	0	-
TOLEDO CITY.....	362	314.9	36	31.3	41	35.7	1	0.9
REGION 8	4938	157.9	426	13.6	31	1.0	8	0.3
ILEYTE DEL NORTE...	1270	4230.0	165	13.2	7	0.6	3	0.2
ILEYTE DEL SUR.....	145	39.3	36	9.8	6	1.6	2	0.5
EASTERN SAMAR.....	467	119.4	3	0.8	0	-	0	-
NORTHERN SAMAR.....	2076	436.5	57	12.0	2	0.4	1	0.2
WESTERN SAMAR.....	663	154.9	34	7.9	4	0.9	0	-
CALBAYOG CITY.....	150	122.3	92	75.0	0	-	0	-
ORMOC CITY.....	67	51.6	13	10.0	1	0.8	1	0.8
TACLOBAN CITY.....	100	54.5	26	19.2	11	8.1	1	0.7
REGION 9	3685	111.6	186	5.6	32	1.0	6	0.2
BASILAN.....	130	51.4	0	-	10	4.0	0	-
SULU.....	704	161.0	12	2.7	5	1.1	3	0.7
TAWI-TAWI.....	15	6.3	1	0.4	3	1.3	1	0.4
ZAMB. DEL NORTE....	382	66.7	14	2.4	1	0.2	0	-
ZAMB. DEL SUR.....	1637	170.8	33	3.4	4	0.4	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	MEASLES (055)				H - FEVER (061-065)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	120	185.6	0	-	2	9.1	1	1.5
DIPOLOG CITY.....	35	44.8	6	7.7	2	2.6	0	-
PAGADIAN CITY.....	85	83.1	45	44.0	4	3.9	1	1.0
ZAMBOANGA CITY.....	577	136.5	75	17.7	1	0.2	0	-
REGION 10	5260	149.2	156	4.4	276	7.8	12	0.9
AGUSAN DEL NORTE...	418	182.3	15	6.5	4	1.7	2	0.9
AGUSAN DEL SUR....	468	134.0	14	4.0	2	0.6	0	-
BUKIDNON.....	1127	140.6	40	5.0	7	39	2	0.2
CAMIGUIN.....	26	37.7	1	1.5	0	-	0	-
MISAMIS OCC.....	280	102.8	3	1.1	3	1.1	1	0.4
MISAMIS OR.....	749	157.9	29	6.1	4	0.8	3	0.6
SURIGAO DEL NORTE..	561	153.1	11	3.0	155	42.3	0	-
BUTUAN CITY.....	193	87.6	11	5.0	4	1.8	2	0.9
CAGAYAN DE ORO....	637	192.7	13	3.9	77	29.3	0	-
GINGOOD CITY.....	310	307.7	2	2.0	1	1.0	0	-
OROQUIETA CITY....	24	41.3	0	-	16	27.5	0	-
IOZAMIS CITY.....	419	447.2	7	7.5	2	2.1	1	1.1
SURIGAO CITY.....	43	43.4	7	7.1	1	1.0	1	1.0
TANGUB CITY.....	5	11.0	3	6.6	0	-	0	-
REGION 11	4573	105.5	455	10.5	166	3.8	16	0.4
COTABATO SOUTH....	1106	144.7	65	8.5	12	1.6	1	0.1
DAVAO DEL NORTE...	437	45.8	55	5.8	8	0.8	5	0.5
DAVAO ORIENTAL....	490	100.9	42	9.9	9	2.1	2	0.5
DAVAO DEL SUR.....	841	129.9	43	6.6	49	7.6	3	0.3
SURIGAO DEL SUR...	1026	206.0	101	20.3	6	1.2	0	-
DAVAO CITY.....	498	60.9	66	8.1	74	9.1	3	0.4
GEN. SANTOS CITY..	235	103.2	83	36.5	8	3.5	2	0.9
REGION 12	4064	141.5	245	8.5	258	9.0	14	0.5
COTABATO NORTH....	1421	194.4	46	6.3	45	6.2	3	0.4
LANAO DEL NORTE...	479	122.5	17	4.3	1	0.3	0	-
LANAO DEL SUR.....	540	127.3	1	0.2	0	-	0	-
MAGUINDANAO.....	570	102.5	6	1.1	20	3.6	0	-
SULTAN KUDARAT....	475	116.6	24	5.9	6	1.5	3	0.7
COTABATO CITY.....	230	220.8	77	73.9	75	72.0	5	4.8
ILIGAN CITY.....	295	149.7	64	32.5	110	55.8	3	1.5
MARAWI CITY.....	54	88.3	10	16.4	1	1.6	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1969

A R E A	INFECTIOUS HEPATITIS (070)				MALARIA (084)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	14761	24.6	850	1.4	125114	208.2	989	1.6
NAT. CAP. REGION..	1422	18.4	146	1.9	162	2.1	27	0.4
1ST DIST. MANILA..	418	22.5	51	2.7	90	4.8	19	1.0
2ND DIST. MUN.....	95	8.7	14	1.3	11	1.0	3	0.3
QUEZON CITY.....	350	22.6	26	1.7	45	2.9	3	0.2
3RD DIST. MUN.....	75	10.0	15	2.0	2	0.3	0	-
CALOCAN CITY....	120	7.8	16	1.0	8	0.5	1	0.06
4TH DIST. MUN.....	234	15.6	16	1.1	4	0.3	1	0.07
PASAY CITY.....	130	35.6	8	2.2	2	0.5	0	-
C.A.R.R.	357	31.1	9	0.8	15386	1341.4	35	3.1
ABRA.....	31	14.1	1	0.5	256	116.9	2	0.9
BENGUET.....	53	18.2	2	0.7	44	15.1	1	0.3
IFUGAO.....	13	9.8	2	1.5	9740	7330.3	6	4.5
KALINGA-APAYAO...	46	19.7	2	0.9	4922	2113.2	26	11.2
MT. PROVINCE.....	41	34.5	1	0.8	410	344.7	0	-
BAGUIO CITY.....	173	113.7	1	0.7	14	9.2	0	-
REGION 1	736	21.4	56	1.6	511	14.9	8	0.2
ILOCOS NORTE.....	164	41.8	3	0.8	106	27.0	0	-
ILOCOS SUR.....	146	27.4	6	1.1	92	17.9	3	0.6
LA UNION.....	197	35.0	16	2.8	18	3.2	0	-
PANGASINAN.....	209	12.8	21	1.3	281	17.1	4	0.2
DAGUPAN CITY.....	9	8.1	6	5.4	10	9.0	1	0.9
LAORAG CITY.....	1	1.3	1	1.3	0	-	0	-
SAN CARLOS CITY...	10	8.5	3	2.6	4	3.4	0	-
REGION 2	439	18.2	34	1.4	22903	949.3	253	10.5
BATANES.....	10	56.1	0	-	51	286.1	1	5.6
CAGAYAN.....	239	27.8	11	1.3	5815	675.6	79	9.2
ISABELA.....	151	13.6	18	1.6	11546	1042.8	133	12.0
NEIVA VIZCAYA.....	2	0.6	4	1.3	1583	508.1	23	7.4
QUIRINO.....	37	32.1	1	0.9	3908	3390.4	17	14.7
REGION 3	1611	27.0	78	1.3	5641	94.7	48	0.8
BATAAN.....	108	43.8	1	0.2	1192	277.6	8	1.9
BULACAN.....	264	19.4	27	2.0	899	61.7	7	0.5
NUEVA ECIJA.....	108	10.4	16	1.5	1781	171.1	4	0.4
PAMPANGA.....	125	10.1	8	0.6	48	3.9	1	0.08
TARLAC.....	98	12.0	12	1.5	514	63.2	0	-
ZAMBALES.....	107	29.2	10	2.7	855	233.1	12	3.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	INFECTIOUS HEPATITIS (070)				MALARIA (084)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	601	244.4	2	0.8	2	0.8	0	-
CABANATUAN CITY....	4	2.3	1	0.6	12	7.0	9	5.3
COLONGAPO CITY.....	80	41.5	1	0.5	331	171.9	7	3.6
PALAYAN CITY.....	4	19.1	0	-	55	262.6	0	-
SAN JOSE CITY.....	32	42.9	0	-	12	16.1	0	-
REGION 4	1937	24.5	118	1.5	29558	374.3	259	3.3
AURORA.....	7	5.0	1	0.7	1230	872.6	16	11.4
BATANGAS.....	214	19.3	11	1.0	35	3.2	4	0.4
CAVITE.....	150	17.0	11	1.2	59	6.3	1	0.1
LAGUNA.....	89	7.8	19	1.7	239	21.1	10	0.9
MARINDUQUE.....	125	59.9	10	4.8	347	166.1	2	1.0
MINDORO OCC.....	124	43.8	1	0.4	4250	1501.8	34	12.0
MINDORO OR.....	200	34.8	10	1.7	1004	174.8	12	2.1
PALAWAN.....	280	69.5	2	0.5	12908	3204.6	111	27.6
QUEZON.....	216	16.9	26	2.0	3100	242.3	90	2.3
RIZAL.....	76	10.2	11	1.5	2148	287.4	9	1.2
ROMBLON.....	147	62.1	2	0.8	14	5.9	3	1.3
BATANGAS CITY.....	16	9.1	3	1.7	0	-	0	-
CAVITE CITY.....	11	11.0	3	3.0	0	-	0	-
LIPA CITY.....	3	2.0	1	0.7	0	-	0	-
LUCENA CITY.....	12	8.4	3	2.1	12	8.4	1	0.7
PUERTO PRINCESA...	227	279.3	0	-	4207	5065.8	25	30.1
SAN PABLO CITY.....	26	16.8	2	1.3	5	3.2	1	0.6
TAGAYTAY CITY.....	0	-	0	-	0	-	0	-
TRECE MARTIRES.....	4	36.0	2	18.0	0	-	0	-
REGION 5	828	19.3	52	1.2	3887	90.6	6	0.1
ALBAY.....	127	14.9	6	0.7	14	1.6	0	-
CAMARINES NORTE...	110	28.3	15	3.9	2136	548.7	9	0.8
CAMARINES SUR.....	144	12.0	9	0.8	1707	142.3	9	0.9
CATANDUANES.....	53	25.5	1	0.5	1	0.5	0	-
MASBATE.....	271	37.9	5	0.7	14	2.0	0	-
SORSOGON.....	118	18.9	11	1.8	13	2.1	0	-
IRIGA CITY.....	0	-	0	-	0	-	0	-
LEGASPI CITY.....	3	2.2	1	0.7	0	-	0	-
INABA CITY.....	2	2.0	4	3.9	2	2.0	0	-
REGION 6	1756	31.6	84	1.5	186	3.3	4	0.07
AKLAN.....	177	49.6	10	2.5	4	1.0	1	0.2
ANTIQUE.....	341	79.7	9	2.1	169	39.5	1	0.2
CAPIZ.....	62	12.2	4	0.8	1	0.2	0	-
LOILO.....	441	30.6	17	1.2	2	0.1	1	0.07
NEGROS OCC.....	379	25.1	25	1.7	8	0.5	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	INFECTIOUS HEPATITIS (070)				MALARIA (084)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BACOLOD CITY.....	100	31.5	6	1.9	2	0.6	1	0.3
BAGO CITY.....	5	4.0	2	1.6	0	-	0	-
CADIZ CITY.....	3	2.1	0	-	0	-	0	-
ILOILO CITY.....	179	62.9	6	2.1	0	-	0	-
LA CARLOTA CITY...	21	36.1	0	-	0	-	0	-
LOKAS CITY.....	10	9.9	3	3.0	0	-	0	-
SAN CARLOS CITY...	26	26.6	2	2.0	0	-	0	-
SILAY CITY.....	12	9.1	0	-	0	-	0	-
REGION 7	598	13.2	35	0.8	108	2.4	4	0.09
BOHOL.....	77	8.8	9	1.0	7	0.8	1	0.1
CEBU.....	246	17.4	3	0.2	9	0.6	2	0.1
NEGROS OR.....	25	3.0	3	0.4	86	10.9	0	-
SIGUIJOR.....	43	59.1	0	-	0	-	0	-
BAIS CITY.....	24	42.1	3	5.3	0	-	0	-
CANLON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	114	18.3	10	1.6	0	-	0	-
DANAO CITY.....	9	13.4	1	1.5	0	-	0	-
DUMAGUETE CITY....	26	35.0	2	2.5	6	7.6	1	1.3
LAPU-LAPU CITY....	10	7.9	0	-	0	-	0	-
MANDAWE CITY.....	3	1.8	1	0.6	0	-	0	-
TAGBILARAN CITY...	8	15.8	2	3.9	0	-	0	-
TOLEDO CITY.....	13	11.3	1	0.9	0	-	0	-
REGION 8	735	23.5	48	1.5	214	6.8	3	0.1
ILEYTE DEL NORTE...	427	34.2	17	1.4	4	0.3	2	0.2
ILEYTE DEL SUR.....	50	13.6	7	1.9	8	2.2	1	0.3
EASTERN SAMAR.....	68	17.4	7	1.8	159	43.2	0	-
NORTHERN SAMAR....	123	25.9	5	1.1	6	1.3	0	-
WESTERN SAMAR.....	41	9.6	4	0.9	27	6.3	0	-
CALBAYOG CITY.....	10	8.2	2	1.6	0	-	0	-
ORMOC CITY.....	8	6.2	2	1.5	0	-	0	-
TACLOBAN CITY.....	8	5.9	4	3.0	0	-	0	-
REGION 9	540	16.4	36	1.1	18094	548.1	98	3.0
BASILAN.....	9	3.6	3	1.2	127	50.2	23	9.1
SULU.....	25	5.7	0	-	5415	1298.2	32	7.3
TAWI-TAWI.....	5	2.1	0	-	2030	851.4	3	1.3
ZAMB. DEL NORTE...	55	9.6	4	0.7	1552	270.8	8	1.4
ZAMB. DEL SUR.....	300	31.3	12	1.3	7487	781.4	19	2.0

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	INFECTIOUS HEPATITIS (070)				MALARIA (084)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	40	61.9	1	1.5	150	232.0	0	-
DIPOLOG CITY.....	11	14.1	4	5.1	49	62.7	0	-
PAGADIAN CITY.....	10	9.8	0	-	2	2.0	0	-
ZAMBOANGA CITY.....	85	20.1	12	2.8	1262	303.3	13	3.1
REGION 10	1306	37.0	57	1.6	9601	272.3	106	3.0
AGUSAN DEL NORTE..	123	53.7	1	0.4	2924	1275.5	18	7.9
AGUSAN DEL SUR....	80	22.9	6	1.7	1271	363.8	14	4.0
BUKIDNON.....	290	36.2	14	1.7	1243	155.0	10	1.2
CAMIGUIN.....	27	39.2	2	2.9	27	99.2	1	1.5
MISAMIS OCC.....	79	29.0	3	1.1	257	94.4	0	-
MISAMIS OR.....	128	27.0	5	1.1	154	32.5	10	2.1
SURIGAO DEL NORTE.	158	43.1	2	0.5	536	146.3	7	1.9
BUTUAN CITY.....	28	12.7	7	3.2	175	79.5	17	7.7
CAGAYAN DE ORO....	248	75.0	7	2.1	300	90.7	5	1.5
GINGOGG CITY.....	54	53.6	1	1.0	2684	2663.9	20	19.8
ORQUIETA CITY.....	54	92.9	1	1.7	11	18.9	0	-
OZAMIS CITY.....	16	17.0	3	3.2	1	1.1	1	1.1
SURIGAO CITY.....	21	21.2	5	5.0	18	18.2	3	3.0
TANGUB CITY.....	0	-	0	-	0	-	0	-
REGION 11	1506	34.7	76	1.8	13177	303.9	114	2.6
COTABATO SOUTH....	411	53.8	13	1.7	745	97.5	2	0.3
DAVAO DEL NORTE...	215	22.5	16	1.7	3549	372.0	31	3.2
DAVAO ORIENTAL....	151	35.4	9	2.1	4602	1079.5	7	1.6
DAVAO DEL SUR.....	103	15.9	7	1.1	792	122.3	3	0.5
SURIGAO DEL SUR...	381	76.5	9	1.8	3916	665.7	45	9.0
DAVAO CITY.....	168	20.5	20	2.4	161	19.7	16	2.0
GEN. SANTOS CITY..	77	33.8	2	0.9	12	5.3	10	4.4
REGION 12	990	34.5	21	0.7	5686	198.0	24	0.8
COTABATO NORTH....	247	33.8	6	0.8	1807	247.2	1	0.1
LANAO DEL NORTE...	181	46.3	4	1.0	453	115.8	0	-
LANAO DEL SUR.....	155	36.5	0	-	2072	488.6	1	0.2
MAGUINDANAO.....	98	17.6	0	-	502	90.3	0	-
SULTAN KUDARAT....	201	49.3	4	1.0	695	170.6	8	2.0
COTABATO CITY.....	45	43.2	2	1.9	86	82.6	10	9.6
ILIGAN CITY.....	50	25.4	2	1.0	69	34.5	4	2.0
IMARAWI CITY.....	13	21.3	3	4.3	3	4.9	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	SYPHILIS (090-097)				GONOCOCCAL INFECTION (098)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	99	0.2	9	0.01	8635	14.4	0	-
NAT. CAP. REGION..	7	0.09	1	0.01	1006	19.0	0	-
1ST DIST. MANILA..	0	-	0	-	690	37.2	0	-
2ND DIST. MUN.....	3	0.3	1	0.09	16	1.5	0	-
QUEZON CITY.....	4	0.3	0	-	135	8.7	0	-
3RD DIST. MUN.....	0	-	0	-	15	2.0	0	-
CALOOCAN CITY....	0	-	0	-	0	-	0	-
4TH DIST. MUN.....	0	-	0	-	34	2.3	0	-
PASAY CITY.....	0	-	0	-	116	31.7	0	-
C.A.R.	11	1.0	0	-	174	15.2	0	-
ABRA.....	0	-	0	-	0	-	0	-
BENGUET.....	0	-	0	-	53	18.2	0	-
IFUGAO.....	0	-	0	-	1	0.8	0	-
KALINGA-APAYAO....	0	-	0	-	0	-	0	-
MT. PROVINCE.....	0	-	0	-	0	-	0	-
BAGUIO CITY.....	11	7.2	0	-	120	78.8	0	-
REGION 1	3	0.09	1	0.03	78	2.3	0	-
ILOCOS NORTE.....	0	-	0	-	6	1.5	0	-
ILOCOS SUR.....	1	0.2	0	-	5	0.9	0	-
LA UNION.....	0	-	0	-	7	1.2	0	-
PANGASINAN.....	2	0.1	1	0.06	60	3.7	0	-
DAGUPAN CITY.....	0	-	0	-	0	-	0	-
LAOAG CITY.....	0	-	0	-	0	-	0	-
SAN CARLOS CITY...	0	-	0	-	0	-	0	-
REGION 2	6	0.2	3	0.1	26	1.1	0	-
BATANES.....	0	-	0	-	0	-	0	-
CAGAYAN.....	1	0.1	1	0.1	24	2.8	0	-
ISABELA.....	3	0.3	2	0.2	1	0.09	0	-
NEUVA VIZCAYA....	0	-	0	-	1	0.3	0	-
QUIRINO.....	2	1.7	0	-	0	-	0	-
REGION 3	10	0.2	2	0.03	3575	60.0	0	-
BATAAN.....	1	0.2	0	-	11	2.6	0	-
BULACAN.....	0	-	0	-	1	0.07	0	-
NUOVA ECIJA.....	6	0.6	0	-	16	1.5	0	-
PAMPANGA.....	1	0.08	1	0.08	28	2.3	0	-
TARLAC.....	0	-	0	-	34	4.2	0	-
ZAMBALES.....	2	0.5	1	0.3	450	122.7	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	SYPHILIS (090-097)				GONOCOCCAL INFECTION (098)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	0	-	0	-	615	250.1	0	-
CABANATUAN CITY....	0	-	0	-	636	372.1	0	-
OLONGAPO CITY.....	0	-	0	-	1784	926.4	0	-
PALAYAN CITY.....	0	-	0	-	0	-	0	-
SAN JOSE CITY.....	0	-	0	-	0	-	0	-
REGION 4	5	0.06	0	-	129	1.6	0	-
AURORA.....	0	-	0	-	3	2.1	0	-
BATANGAS.....	0	-	0	-	7	0.6	0	-
CAVITE.....	0	-	0	-	8	0.8	0	-
LAGUNA.....	0	-	0	-	0	-	0	-
MARINOUQUE.....	0	-	0	-	0	-	0	-
MINDORO OCC.....	0	-	0	-	0	-	0	-
MINDORO OR.....	0	-	0	-	1	0.2	0	-
PALAWAN.....	0	-	0	-	35	8.7	0	-
QUEZON.....	0	-	0	-	5	0.4	0	-
RIZAL.....	0	-	0	-	28	9.7	0	-
ROMBLON.....	0	-	0	-	2	0.8	0	-
BATANGAS CITY.....	0	-	0	-	0	-	0	-
CAVITE CITY.....	0	-	0	-	20	20.1	0	-
LIPA CITY.....	0	-	0	-	0	-	0	-
LUCENA CITY.....	5	3.5	0	-	6	4.2	0	-
PUERTO PRINCESA...	0	-	0	-	14	16.9	0	-
SAN PABLO CITY....	0	-	0	-	0	-	0	-
TAGAYTAY CITY.....	0	-	0	-	0	-	0	-
TRECE MARTIRES....	0	-	0	-	0	-	0	-
REGION 5	1	0.02	1	0.02	23	0.5	0	-
ALBAY.....	0	-	0	-	3	0.4	0	-
CAMARINES NORTE...	0	-	0	-	0	-	0	-
CAMARINES SUR.....	1	0.08	1	0.08	9	0.8	0	-
CATANDUANES.....	0	-	0	-	1	0.5	0	-
MASBATE.....	0	-	0	-	7	1.0	0	-
SORSOGON.....	0	-	0	-	0	-	0	-
IRIGA CITY.....	0	-	0	-	3	4.1	0	-
LEGASPI CITY.....	0	-	0	-	0	-	0	-
NAGA CITY.....	0	-	0	-	0	-	0	-
REGION 6	6	0.1	0	-	600	10.8	0	-
AKLAN.....	0	-	0	-	5	1.2	0	-
ANTIQUE.....	0	-	0	-	24	5.6	0	-
CAPIZ.....	0	-	0	-	0	-	0	-
ILOILO.....	0	-	0	-	0	-	0	-
NEGROS OCC.....	0	-	0	-	0	-	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	SYPHILIS (090-097)				GONOCOCCAL INFECTION (098)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BACOLOD CITY.....	0	-	0	-	175	55.1	0	-
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	0	-	0	-	29	19.8	0	-
ILDIL CITY.....	0	-	0	-	65	22.8	0	-
LA CARLOTA CITY...	0	-	0	-	0	-	0	-
LOMAS CITY.....	6	5.9	0	-	301	296.6	0	-
SAN CARLOS CITY...	0	-	0	-	0	-	0	-
SILAY CITY.....	0	-	0	-	1	0.8	0	-
REGION 7	32	0.7	0	-	247	5.5	0	-
BOHOL.....	0	-	0	-	0	-	0	-
CEBU.....	0	-	0	-	8	0.6	0	-
INEGROS OR.....	0	-	0	-	4	0.5	0	-
SIQUIJOR.....	0	-	0	-	0	-	0	-
BAIS CITY.....	0	-	0	-	0	-	0	-
CANLON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	32	5.1	0	-	226	36.2	0	-
DANAO CITY.....	0	-	0	-	5	7.5	0	-
DUMAGUETE CITY...	0	-	0	-	3	9.8	0	-
LAPU-LAPU CITY...	0	-	0	-	1	0.8	0	-
MANDAWA CITY.....	0	-	0	-	0	-	0	-
TAGBILARAN CITY...	0	-	0	-	0	-	0	-
TOLEDO CITY.....	0	-	0	-	0	-	0	-
REGION 8	0	-	0	-	39	1.2	0	-
LEYTE DEL NORTE...	0	-	0	-	32	2.6	0	-
LEYTE DEL SUR.....	0	-	0	-	0	-	0	-
EASTERN SAMAR.....	0	-	0	-	0	-	0	-
NORTHERN SAMAR.....	0	-	0	-	0	-	0	-
WESTERN SAMAR.....	0	-	0	-	7	1.6	0	-
CALBAYOG CITY.....	0	-	0	-	0	-	0	-
ORMOC CITY.....	0	-	0	-	0	-	0	-
TACLOBAN CITY.....	0	-	0	-	0	-	0	-
REGION 9	2	0.06	1	0.03	837	25.4	0	-
BASILAN.....	2	0.8	1	0.4	0	-	0	-
SULU.....	0	-	0	-	0	-	0	-
TAWI-TAWI.....	0	-	0	-	0	-	0	-
ZAMB. DEL NORTE...	0	-	0	-	5	0.9	0	-
ZAMB. DEL SUR.....	0	-	0	-	3	0.3	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	SYPHILIS (090-097)				GONOCOCCAL INFECTION (098)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	0	-	0	-	0	-	0	-
DIPOLOG CITY.....	0	-	0	-	55	70.4	0	-
PAGADIAN CITY.....	0	-	0	-	461	450.8	0	-
ZAMBOANGA CITY.....	0	-	0	-	319	74.0	0	-
REGION 10	12	0.3	0	-	319	9.0	0	-
AGUSAN DEL NORTE..	10	4.4	0	-	6	2.6	0	-
AGUSAN DEL SUR....	0	-	0	-	0	-	0	-
BUKIDNON.....	0	-	0	-	3	0.4	0	-
CAMIGUIN.....	0	-	0	-	0	-	0	-
MISAMIS OCC.....	0	-	0	-	0	-	0	-
MISAMIS OR.....	0	-	0	-	4	0.8	0	-
SURIGAO DEL NORTE..	0	-	0	-	0	-	0	-
BUTUAN CITY.....	0	-	0	-	43	19.5	0	-
CAGAYAN DE ORO....	2	0.6	0	-	228	69.0	0	-
GINGOOG CITY.....	0	-	0	-	4	4.0	0	-
ORDOQUIETA CITY....	0	-	0	-	0	-	0	-
IOZAMIS CITY.....	0	-	0	-	26	27.7	0	-
SURIGAO CITY.....	0	-	0	-	5	5.0	0	-
TANGUB CITY.....	0	-	0	-	0	-	0	-
REGION 11	4	0.09	0	-	1569	36.2	0	-
COTABATO SOUTH....	0	-	0	-	29	3.8	0	-
DAVAO DEL NORTE....	1	0.1	0	-	415	49.5	0	-
DAVAO ORIENTAL....	0	-	0	-	6	1.4	0	-
DAVAO DEL SUR.....	0	-	0	-	121	18.7	0	-
SURIGAO DEL SUR....	0	-	0	-	281	56.4	0	-
DAVAO CITY.....	1	0.1	0	-	656	80.3	0	-
GEN. SANTOS CITY..	2	0.9	0	-	61	26.8	0	-
REGION 12	0	-	0	-	13	0.5	0	-
COTABATO NORTH....	0	-	0	-	12	1.6	0	-
ILANAO DEL NORTE...	0	-	0	-	0	-	0	-
ILANAO DEL SUR.....	0	-	0	-	0	-	0	-
MAGUINDANAO.....	0	-	0	-	0	-	0	-
SULTAN KUDARAT....	0	-	0	-	1	0.2	0	-
COTABATO CITY.....	0	-	0	-	0	-	0	-
ILIGAN CITY.....	0	-	0	-	0	-	0	-
IMARAWI CITY.....	0	-	0	-	0	-	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

AREA	SCHISTOSOMIASIS (120)				FILARIASIS (125)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	25699	42.8	273	0.5	189	0.3	1	0.002
NAT. CAP. REGION..	59	0.8	11	0.1	0	-	0	-
1ST DIST. MANILA..	13	0.7	6	0.3	0	-	0	-
2ND DIST. MUN.....	10	0.9	3	0.3	0	-	0	-
QUEZON CITY.....	13	0.8	2	0.1	0	-	0	-
3RD DIST. MUN.....	12	1.6	0	-	0	-	0	-
CALOCAN CITY....	4	0.3	0	-	0	-	0	-
4TH DIST. MUN.....	7	0.5	0	-	0	-	0	-
PASAY CITY.....	0	-	0	-	0	-	0	-
C.A.R.	0	-	0	-	0	-	0	-
ABRA.....	0	-	0	-	0	-	0	-
BENGUET.....	0	-	0	-	0	-	0	-
IFUGAO.....	0	-	0	-	0	-	0	-
KALINGA-APAYAO....	0	-	0	-	0	-	0	-
MT. PROVINCE.....	0	-	0	-	0	-	0	-
BAGUIO CITY.....	0	-	0	-	0	-	0	-
REGION 1	9	0.3	2	0.06	40	1.2	0	-
ILOCOS NORTE.....	0	-	0	-	0	-	0	-
ILOCOS SUR.....	0	-	0	-	0	-	0	-
LA UNION.....	0	-	0	-	0	-	0	-
PANGASINAN.....	4	0.2	1	0.06	2	0.1	0	-
DAVUPAN CITY.....	5	4.5	1	0.9	38	34.0	0	-
LAOAG CITY.....	0	-	0	-	0	-	0	-
SAN CARLOS CITY....	0	-	0	-	0	-	0	-
REGION 2	1	0.04	1	0.04	0	-	0	-
BATANES.....	0	-	0	-	0	-	0	-
CAGAYAN.....	0	-	0	-	0	-	0	-
ISABELA.....	1	0.09	1	0.09	0	-	0	-
NEUVA VIZCAYA.....	0	-	0	-	0	-	0	-
QUIRINO.....	0	-	0	-	0	-	0	-
REGION 3	6	0.1	4	0.07	22	0.4	1	0.02
BATAAN.....	0	-	0	-	0	-	0	-
BULACAN.....	0	-	0	-	0	-	0	-
NUOVA ECIJA.....	0	-	0	-	1	0.1	0	-
PAMPANGA.....	6	0.5	4	0.3	0	-	0	-
TARLAC.....	0	-	0	-	1	0.1	1	0.1
ZAMBALES.....	0	-	0	-	3	0.8	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	SCHISTOSOMIASIS (120)				FILARIASIS (125)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	0	-	0	-	14	5.7	0	-
CABANATUAN CITY....	0	-	0	-	0	-	0	-
OLONGAPO CITY.....	0	-	0	-	3	1.6	0	-
PALAYAN CITY.....	0	-	0	-	0	-	0	-
SAN JOSE CITY.....	0	-	0	-	0	-	0	-
REGION 4	607	7.7	15	0.2	15	0.2	0	-
AURORA.....	0	-	0	-	0	-	0	-
BATANGAS.....	0	-	0	-	0	-	0	-
CAVITE.....	5	0.5	2	0.2	0	-	0	-
LAGUNA.....	31	2.7	1	0.09	0	-	0	-
MARINDUQUE.....	0	-	0	-	0	-	0	-
MINDORO OCC.....	3	1.1	1	0.4	0	-	0	-
MINDORO OR.....	560	97.5	8	1.4	15	2.6	0	-
PALAWAN.....	0	-	0	-	0	-	0	-
QUEZON.....	2	0.2	1	0.08	0	-	0	-
RIZAL.....	4	0.5	1	0.1	0	-	0	-
ROMBLON.....	0	-	0	-	0	-	0	-
BATANGAS CITY.....	0	-	0	-	0	-	0	-
CAVITE CITY.....	0	-	0	-	0	-	0	-
ILIPA CITY.....	0	-	0	-	0	-	0	-
ILICENA CITY.....	0	-	0	-	0	-	0	-
PUERTO PRINCESA...	0	-	0	-	0	-	0	-
SAN PABLO CITY.....	0	-	0	-	0	-	0	-
ITAGAYTAY CITY.....	0	-	0	-	0	-	0	-
TRECE MARTIRES.....	2	18.0	1	9.0	0	-	0	-
REGION 5	12	0.3	7	0.2	8	0.2	0	-
ALBAY.....	2	0.2	0	-	0	-	0	-
CAMARINES NORTE...	0	-	0	-	0	-	0	-
CAMARINES SUR.....	0	-	0	-	0	-	0	-
CATANDUANES.....	0	-	0	-	0	-	0	-
MASBATE.....	1	0.1	1	0.1	0	-	0	-
SORSOGON.....	8	1.3	5	0.8	8	1.3	0	-
IRIGA CITY.....	0	-	0	-	0	-	0	-
LEGASPI CITY.....	1	0.7	1	0.7	0	-	0	-
NAGA CITY.....	0	-	0	-	0	-	0	-
REGION 6	7	0.1	4	0.07	3	0.05	0	-
AKLAN.....	3	0.7	1	0.2	0	-	0	-
ANTIQUE.....	0	-	0	-	0	-	0	-
CAPIZ.....	3	0.6	3	0.6	0	-	0	-
ILOILO.....	0	-	0	-	0	-	0	-
NEGROS OCC.....	0	-	0	-	0	-	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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No. & Rate/100,000 Pop.
PHILIPPINES
1989

AREA	SCHISTOSOMIASIS (120)				FILARIASIS (125)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BARCELON CITY.....	0	-	0	-	3	0.9	0	-
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	0	-	0	-	0	-	0	-
DAVO CITY.....	1	0.4	0	-	0	-	0	-
LA CARLOTA CITY....	0	-	0	-	0	-	0	-
ROXAS CITY.....	0	-	0	-	0	-	0	-
SAN CARLOS CITY....	0	-	0	-	0	-	0	-
SILAY CITY.....	0	-	0	-	0	-	0	-
REGION 7	30	0.7	8	0.2	2	0.04	0	-
BOHOL.....	10	1.1	1	0.1	0	-	0	-
CEBU.....	9	0.6	4	0.9	2	0.1	0	-
INEBROS OR.....	0	-	0	-	0	-	0	-
SIQUIJOR.....	0	-	0	-	0	-	0	-
IBAIS CITY.....	0	-	0	-	0	-	0	-
CANLON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	8	1.3	2	0.3	0	-	0	-
DANAO CITY.....	0	-	0	-	0	-	0	-
DUMAGUETE CITY....	3	3.8	1	1.3	0	-	0	-
LAPU-LAPU CITY....	0	-	0	-	0	-	0	-
MANDAW CITY.....	0	-	0	-	0	-	0	-
TAGBILARAN CITY....	0	-	0	-	0	-	0	-
TOLEDO CITY.....	0	-	0	-	0	-	0	-
REGION 8	7042	225.2	110	9.3	40	1.2	0	-
LEYTE DEL NORTE....	3891	311.3	70	5.6	35	2.8	0	-
LEYTE DEL SUR.....	2	1.4	0	-	4	1.1	0	-
EASTERN SAMAR.....	411	105.1	5	1.3	0	-	0	-
NORTHERN SAMAR....	2581	542.7	21	4.4	0	-	0	-
WESTERN SAMAR.....	138	32.2	5	1.2	0	-	0	-
CALBAYOG CITY.....	7	5.7	4	3.3	1	0.8	0	-
ORMOC CITY.....	0	-	0	-	0	-	0	-
TACLOBAN CITY.....	12	8.9	5	3.7	0	-	0	-
REGION 9	2309	69.9	12	0.4	1	0.03	0	-
BASILAN.....	0	-	0	-	0	-	0	-
SULU.....	0	-	0	-	0	-	0	-
TAWI-TAWI.....	0	-	0	-	0	-	0	-
ZAMB. DEL NORTE....	46	8.0	0	-	0	-	0	-
ZAMB. DEL SUR.....	2260	235.9	10	1.0	0	-	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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A R E A	SCHISTOSOMIASIS (120)				FILARIASIS (125)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	0	-	0	-	0	-	0	-
DIPOLOG CITY.....	2	2.6	1	1.3	0	-	0	-
PAGADIAN CITY.....	1	1.0	1	1.0	1	1.0	0	-
ZAMBOANGA CITY....	0	-	0	-	0	-	0	-
REGION 10	3165	89.8	49	1.4	1	0.03	0	-
AGUSAN DEL NORTE..	2168	945.8	6	2.6	0	-	0	-
AGUSAN DEL SUR....	198	56.7	11	3.1	0	-	0	-
BUKIDNON.....	130	16.2	7	0.9	0	-	0	-
CAMIGUIN.....	0	-	0	-	0	-	0	-
MISAMIS OCC.....	80	29.4	1	0.4	0	-	0	-
MISAMIS OR.....	48	10.1	1	0.2	0	-	0	-
SURIGAO DEL NORTE.	504	137.5	10	2.7	0	-	0	-
BUTUAN CITY.....	21	9.5	7	3.2	1	0.5	0	-
CAGAYAN DE ORO....	2	0.6	1	0.3	0	-	0	-
GINGOOG CITY.....	3	9.0	1	1.0	0	-	0	-
OROQUIETA CITY....	0	-	0	-	0	-	0	-
IOZAMIS CITY.....	9	3.2	2	2.1	0	-	0	-
SURIGAO CITY.....	6	6.1	1	1.0	0	-	0	-
TANGUB CITY.....	2	4.4	1	2.2	0	-	0	-
REGION 11	11104	256.1	36	0.8	53	1.2	0	-
COTABATO SOUTH....	771	100.9	0	-	38	5.0	0	-
DAVAO DEL NORTE...	7646	801.5	19	2.0	4	0.4	0	-
DAVAO ORIENTAL....	2462	577.5	1	0.2	1	0.2	0	-
DAVAO DEL SUR.....	21	3.2	2	0.3	0	-	0	-
SURIGAO DEL SUR...	40	8.0	3	0.6	8	1.6	0	-
DAVAO CITY.....	164	20.1	11	1.3	0	-	0	-
GEN. SANTOS CITY..	0	-	0	-	2	0.9	0	-
REGION 12	1348	46.9	14	0.5	3	0.1	0	-
COTABATO NORTH....	155	21.2	1	0.1	2	0.3	0	-
ILANAO DEL NORTE...	740	189.2	9	2.3	1	0.3	0	-
ILANAO DEL SUR.....	248	58.5	0	-	0	-	0	-
IMAGUINDANAO.....	35	6.3	0	-	0	-	0	-
SULTAN KUDARAT....	169	41.5	4	1.0	0	-	0	-
COTABATO CITY.....	0	-	0	-	0	-	0	-
ILIGAN CITY.....	1	0.5	0	-	0	-	0	-
IMARAWI CITY.....	0	-	0	-	0	-	0	-

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
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PHILIPPINES
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A R E A	MALIGNANT NEOPLASMS (140-239)				DISEASES OF THE HEART (393-398; 402; 404; 429)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	33777	56.2	21939	36.5	98813	164.4	44856	74.6
NAT. CAP. REGION..	7721	100.1	4428	57.4	19892	180.2	8086	104.9
1ST DIST. MANILA..	2580	199.0	1455	78.4	4410	237.6	2346	126.4
2ND DIST. MUN.....	992	91.3	507	46.6	2437	224.2	939	86.4
QUEZON CITY.....	2029	131.2	1249	80.4	2898	187.4	2029	131.2
3RD DIST. MUN.....	739	98.5	259	34.4	889	118.5	623	89.1
CALOCAN CITY....	261	16.9	206	13.3	965	62.4	665	49.0
4TH DIST. MUN.....	820	54.5	611	40.6	1690	112.4	1219	81.1
PASAY CITY.....	300	82.1	148	40.5	603	164.9	265	72.5
C.A.R.	960	83.7	253	22.1	1988	173.9	502	43.8
ABRA.....	42	19.2	39	15.1	620	283	100	45.6
BENGUET.....	689	236.8	48	16.5	343	117.9	81	27.8
IFUGAO.....	16	12.0	11	8.9	68	51.2	22	16.6
KALINGA-APAYAO....	30	12.9	10	4.3	126	54.1	43	18.5
MT. PROVINCE.....	39	32.8	26	21.9	318	267.4	45	37.8
BAGUIO CITY.....	144	94.6	125	82.1	513	337.1	211	138.6
REGION 1	2606	75.9	1524	44.4	6178	180.0	3754	109.4
ILOCOS NORTE.....	407	103.6	189	46.6	1485	378.1	510	129.8
ILOCOS SUR.....	329	61.8	247	46.4	869	163.3	488	91.7
ILA UNION.....	383	68.1	200	35.5	805	143.1	756	134.4
PANGASINAN.....	1156	70.5	725	44.2	2303	140.5	1454	88.7
DAGUPAN CITY.....	201	180.0	93	83.2	286	256.0	230	205.9
LAOAG CITY.....	79	103.9	49	64.4	220	289.4	205	269.6
SAN CARLOS CITY...	51	43.6	27	23.1	210	179.5	111	94.9
REGION 2	1150	47.7	614	25.4	6280	260.3	1458	60.4
BATANES.....	20	112.2	5	38.0	40	224.4	12	67.3
CAGAYAN.....	528	61.3	229	26.6	1267	147.2	642	74.6
ISABELA.....	455	41.1	270	24.4	4081	368.6	579	52.3
INEUA VIZCAYA....	107	34.3	86	27.6	209	67.1	173	55.5
QUIRINO.....	40	34.7	24	20.8	683	592.5	52	45.1
REGION 3	4034	67.7	2704	45.4	10825	181.7	5434	91.2
BATAAN.....	236	55.0	180	41.9	920	214.2	359	83.6
BULACAN.....	860	63.2	652	47.9	2505	184.1	1641	120.6
INEUA ECIJA.....	657	63.1	417	40.1	1610	154.6	779	74.8
PAMPANGA.....	865	69.7	598	49.2	1829	147.4	992	80.0
TARLAC.....	575	70.7	422	51.9	1953	166.3	822	101.0
ZAMBALES.....	273	174.4	154	42.0	508	138.5	275	75.0

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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A R E A	MALIGNANT NEOPLASMS (140-239)				DISEASES OF THE HEART (393-398; 402; 404; 429)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	282	114.7	111	45.1	1177	478.7	145	59.0
CABANATUAN CITY...	174	101.8	80	46.8	415	242.8	228	133.4
OLONGAPO CITY.....	54	28.0	49	25.4	274	142.3	116	60.2
PALAYAN CITY.....	10	47.7	7	33.4	24	114.6	17	81.2
SAN JOSE CITY.....	48	64.4	34	45.6	210	281.6	60	80.5
REGION 4	4060	51.4	3047	38.6	16142	204.4	6744	85.4
AURORA.....	38	27.0	27	19.2	169	119.9	62	44.0
BATANGAS.....	779	70.2	522	47.1	1870	168.6	1170	165.5
CAVITE.....	522	55.3	404	42.8	1661	176.0	747	79.2
LAGUNA.....	643	56.7	471	41.5	1447	127.6	989	87.2
MARINOUQUE.....	133	63.7	101	48.3	1445	691.6	145	69.4
MINDORO OCC.....	83	29.3	64	22.6	962	339.9	112	39.6
MINDORO OR.....	183	31.3	171	29.8	2338	407.0	325	56.6
PALAWAN.....	112	27.8	35	8.7	490	121.6	72	17.9
QUEZON.....	524	41.0	406	31.7	3311	258.8	1227	95.9
RIZAL.....	334	44.7	305	40.8	720	96.3	696	93.1
ROMBLON.....	106	44.8	96	40.5	179	75.6	154	65.0
BATANGAS CITY.....	165	94.0	109	62.1	228	129.9	164	93.4
CAVITE CITY.....	75	75.3	56	56.2	164	164.6	136	136.5
LIPA CITY.....	83	56.3	76	51.5	261	177.0	200	135.6
LUCENA CITY.....	115	80.3	80	55.8	245	171.0	182	127.0
PUERTO PRINCESA...	53	63.8	30	36.1	143	172.2	68	81.9
SAN PABLO CITY.....	78	50.5	72	46.6	270	174.8	203	131.4
TAGAYTAY CITY.....	10	45.5	5	22.8	157	714.4	27	122.9
TRECE MARTIRES....	24	216.1	17	153.1	82	738.3	65	585.3
REGION 5	1539	35.9	1000	23.3	6822	158.9	3346	77.9
ALBAY.....	294	34.6	180	21.2	1825	214.8	753	88.9
CAMARINES NORTE...	159	40.8	122	31.3	1109	284.9	462	118.7
CAMARINES SUR.....	418	34.8	227	18.9	1312	109.4	743	61.9
CATANDUANES.....	84	40.4	55	26.4	201	96.6	118	56.7
MASBATE.....	148	20.7	126	17.6	354	49.5	263	36.8
SORSOGON.....	244	39.2	147	23.6	1048	168.3	504	80.9
IRIGA CITY.....	25	34.2	19	26.0	131	179.3	83	113.6
LEGASPI CITY.....	77	57.4	53	39.5	468	348.8	175	130.4
NAGA CITY.....	90	88.9	71	70.2	374	369.6	243	240.1
REGION 6	3069	55.2	2107	37.9	8184	147.3	3808	68.5
AKLAN.....	471	116.0	180	44.3	1053	259.4	320	78.8
ANTIQUE.....	144	33.6	129	30.1	736	172.0	302	70.6
CAPIZ.....	283	55.8	141	27.3	539	106.3	321	63.3
ILOILO.....	806	56.0	506	35.1	1174	81.5	922	64.0
NEGROS OCC.....	407	26.9	398	26.3	1945	128.3	721	47.7

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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A R E A	MALIGNANT NEOPLASMS (140-239)				DISEASES OF THE HEART (399-398; 402; 404; 429)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BAKOLOD CITY.....	314	98.8	251	79.0	674	212.2	432	136.0
BAGO CITY.....	58	45.9	37	29.3	75	59.3	51	40.3
CADIZ CITY.....	46	31.4	30	20.5	107	73.1	88	60.2
ILOILO CITY.....	291	102.2	245	86.1	852	299.3	353	124.0
LA CARLOTA CITY...	22	37.9	17	29.2	43	74.0	23	39.6
LOKAS CITY.....	105	103.5	80	78.8	234	25.0	128	126.1
SAN CARLOS CITY...	58	59.3	47	48.1	582	595.3	63	64.4
SILAY CITY.....	64	48.7	46	35.0	150	114.2	84	64.0
REGION 7	3337	73.6	2362	52.1	9080	200.4	3954	87.3
BOHOL.....	423	48.2	359	40.9	1156	131.7	752	85.7
CEBU.....	1116	78.7	723	51.0	2695	189.4	1335	94.2
INEGROS OR.....	412	49.6	218	26.2	2720	327.3	292	35.1
SIGUIJOR.....	78	96.3	61	75.3	211	260.6	153	188.9
BAIS CITY.....	28	49.1	18	31.6	33	145.6	45	78.9
CANLON CITY.....	14	44.7	8	25.5	18	57.4	9	28.7
CEBU CITY.....	630	104.2	598	95.9	921	147.7	704	112.9
DANAO CITY.....	55	82.0	38	56.7	181	269.9	79	116.3
LOMAGUETE CITY...	153	194.2	111	140.9	206	261.5	176	228.4
LAPU-LAPU CITY...	158	124.4	73	57.5	391	307.8	102	80.3
MANDAWE CITY.....	90	51.8	73	42.0	115	66.2	76	43.7
TAGBILARAN CITY...	84	165.8	41	80.9	129	254.6	100	197.4
TOLEDO CITY.....	76	66.1	41	35.7	264	229.7	132	114.9
REGION 8	1195	38.2	731	25.0	4642	148.4	2232	71.4
ILEYTE DEL NORTE...	580	46.4	363	29.2	2519	201.6	883	70.7
ILEYTE DEL SUR.....	211	57.2	148	40.2	301	81.7	260	70.5
EASTERN SAMAR.....	45	11.3	31	7.9	136	34.8	109	27.9
NORTHERN SAMAR.....	98	20.6	68	14.3	687	144.4	261	54.9
WESTERN SAMAR.....	75	17.5	46	10.7	257	60.0	112	26.2
CALBAYOG CITY.....	25	20.4	13	10.6	83	67.7	50	40.8
ORMOC CITY.....	59	45.4	43	34.6	109	83.9	83	63.9
TACLOBAN CITY.....	102	75.3	65	48.0	550	405.9	474	349.8
REGION 9	688	20.8	507	15.4	2478	75.1	1061	32.2
BASILAN.....	40	15.8	25	9.9	143	56.6	96	38.0
SULU.....	30	6.9	18	4.1	59	13.5	46	10.5
TAMI-TAMI.....	15	6.3	1	0.4	32	13.4	9	3.8
ZAMB. DEL NORTE...	100	17.4	89	15.5	487	85.0	197	23.9
ZAMB. DEL SUR.....	151	15.8	99	10.3	750	78.3	241	25.2

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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A R E A	MALIGNANT NEOPLASMS (140-239)				DISEASES OF THE HEART (393-398;402;404;429)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAVITA CITY.....	55	95.1	36	55.7	66	102.1	49	75.8
DIPLOD CITY.....	48	61.4	34	49.5	130	166.3	95	121.5
PAGADIAN CITY.....	60	58.7	48	46.9	401	392.2	65	63.6
ZAMBOANGA CITY.....	189	44.7	157	37.1	410	97.0	323	76.4
REGION 10	1368	38.8	988	28.0	5846	165.8	1842	52.2
AGUSAN DEL NORTE...	86	35.1	66	28.8	1347	587.6	111	48.4
AGUSAN DEL SUR.....	48	13.7	33	9.4	141	40.4	62	17.7
BUKIDNON.....	139	17.3	110	13.7	528	65.9	204	25.4
CAMIGUIN.....	40	58.0	28	40.6	120	174.1	107	155.2
MISAMIS OCC.....	195	71.6	79	29.0	261	95.8	186	68.3
MISAMIS OR.....	224	47.2	160	33.7	325	68.5	222	46.8
SURIGAO DEL NORTE...	116	31.7	73	19.9	384	104.8	160	43.7
BLITUAN CITY.....	105	47.7	95	43.1	530	240.7	180	81.7
CAGAYAN DE ORO.....	184	55.7	177	53.5	860	260.1	276	89.5
BINGOOD CITY.....	40	39.7	28	27.8	939	931.9	59	58.6
ORQUIETA CITY.....	30	86.0	39	67.1	80	137.7	59	101.5
OSAMIS CITY.....	60	64.0	40	42.7	95	101.4	91	97.1
SURIGAO CITY.....	51	51.5	41	41.4	206	208.0	108	109.0
TANSUB CITY.....	30	66.3	19	42.0	30	66.3	17	37.6
REGION 11	1706	39.3	1243	28.7	3915	90.3	1971	45.5
COTABATO SOUTH.....	289	37.8	192	25.1	1137	148.7	297	38.8
DAVAO DEL NORTE.....	260	27.3	222	23.3	944	99.0	392	41.1
DAVAO ORIENTAL.....	100	23.5	92	21.6	249	58.4	154	36.1
DAVAO DEL SUR.....	243	37.5	151	23.3	305	47.1	282	43.5
SURIGAO DEL SUR...	168	33.7	97	19.5	309	62.0	189	37.9
DAVAO CITY.....	531	65.0	403	49.3	801	98.0	536	65.6
GEN. SANTOS CITY...	115	50.5	86	37.8	170	74.7	121	53.1
REGION 12	644	22.4	375	13.1	4648	161.9	664	23.1
COTABATO NORTH.....	129	17.6	106	14.5	1006	137.6	178	24.3
LANAO DEL NORTE...	161	41.2	61	15.6	711	181.8	106	27.1
LANAO DEL SUR.....	16	3.8	2	0.5	1560	367.8	7	1.7
MAGUINDANAO.....	67	12.1	13	2.3	405	72.9	39	7.0
SULTAN KUDARAT.....	108	26.5	79	19.4	620	152.2	119	29.2
COTABATO CITY.....	58	55.7	33	37.4	33	89.3	65	62.4
ILIGAN CITY.....	85	43.1	73	37.0	183	914.6	148	75.1
MARAWI CITY.....	20	32.8	2	3.3	70	114.7	2	3.3

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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A R E A	BRONCHITIS (460-466)				PNEUMONIAS (480-486)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	993550	1486.8	1105	1.8	232056	386.1	46268	77.0
NAT. CAP. REGION..	43811	568.2	52	0.7	17022	220.8	6840	88.7
1ST DIST. MANILA..	5201	280.2	9	0.5	6800	366.3	2166	116.7
2ND DIST. MUN.....	4210	387.3	8	0.7	2110	194.1	787	72.4
QUEZON CITY.....	9070	586.7	13	0.8	3680	238.0	1428	92.4
3RD DIST. MUN.....	4890	651.9	5	0.7	743	99.1	566	75.5
CALOCAN CITY....	5400	349.3	8	0.5	1686	109.1	802	51.9
4TH DIST. MUN.....	5560	369.7	8	0.5	1098	73.0	847	56.3
PASAY CITY.....	9480	2593.1	1	0.3	905	247.6	244	66.7
C.A.R.R.	15161	1321.8	20	1.7	6526	569.0	498	43.4
ABRA.....	4443	2028.0	3	1.4	917	418.6	168	76.7
BENGUET.....	499	171.5	1	0.3	1407	489.6	81	27.8
IFUGAO.....	2801	2108.0	0	-	1269	955.0	39	29.4
KALINGA-APAYAO....	2253	967.3	10	4.3	495	212.5	56	24.0
MT. PROVINCE.....	3886	3267.1	5	4.2	1129	949.2	67	56.3
BAGUIO CITY.....	1279	840.4	1	0.7	1309	860.1	87	57.2
REGION 1	30733	895.7	75	2.2	9764	284.6	3795	110.6
ILOCOS NORTE.....	5037	1282.5	8	2.0	1388	353.4	211	53.7
ILOCOS SUR.....	5937	1115.5	9	1.7	1730	325.0	384	72.1
ILA UNION.....	8206	1458.5	23	4.1	2171	385.9	588	104.5
PANGASINAN.....	10410	635.1	32	2.0	3215	196.2	2139	130.5
DAGUPAN CITY.....	320	286.4	0	-	527	471.7	310	277.5
LAOAG CITY.....	163	214.4	0	-	147	199.3	49	64.4
SAN CARLOS CITY....	660	564.2	3	2.6	586	501.0	114	97.4
REGION 2	41166	1706.3	115	4.8	10020	415.3	2113	87.6
BATANES.....	852	4779.5	0	-	419	2350.5	8	44.9
CAGAYAN.....	10548	1225.5	51	5.9	3296	382.9	822	95.5
ISABELA.....	25796	2329.7	57	5.1	3578	323.1	1042	94.1
NEUVA VIZCAYA.....	1093	350.8	4	1.3	2407	772.6	163	52.3
QUIRINO.....	2877	2495.9	3	2.6	320	277.6	78	67.7
REGION 3	69580	1168.1	97	1.6	14961	251.2	3316	55.7
BATAAN.....	10573	2461.9	2	0.5	2540	591.4	205	47.7
BULACAN.....	16437	1208.2	10	0.7	2760	202.9	891	64.8
NUEVA ECIJA.....	8347	801.7	12	1.2	1486	142.7	537	51.6
PAMPANGA.....	8767	706.7	22	1.8	2412	194.4	331	26.7
TARLAC.....	15338	1959.2	6	0.7	3337	410.2	606	74.5
ZAMBALES.....	3904	1064.5	0	-	808	220.3	254	69.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
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AREA	BRONCHITIS (460-466)				PNEUMONIAS (480-486)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	2537	1031.7	1	0.4	667	271.3	148	60.2
CABANATUAN CITY....	273	159.7	0	-	218	127.6	182	106.5
OLONGAPO CITY.....	1514	786.2	0	-	472	245.1	75	38.9
PALAYAN CITY.....	27	128.9	0	-	87	415.3	14	66.8
SAN JOSE CITY.....	1263	1693.7	44	59.0	174	233.3	83	111.3
REGION 4	43189	546.9	168	2.1	14327	181.4	5557	70.4
AURORA.....	735	521.4	0	-	222	157.5	74	52.5
BATANGAS.....	4333	390.7	11	1.0	2381	214.7	585	52.8
CAVITE.....	3667	388.5	10	1.1	1814	192.2	606	64.2
LAGUNA.....	2333	205.7	9	0.4	837	73.8	699	61.6
MARINDUQUE.....	901	431.2	3	1.4	629	301.0	124	59.3
MINDORO OCC.....	1808	638.9	9	3.2	370	130.7	124	43.8
MINDORO OR.....	9500	1653.6	33	5.8	1356	236.0	396	68.9
PALAWAN.....	2667	662.1	4	1.0	1331	330.4	118	29.3
QUEZON.....	7667	59.9	49	3.8	2041	159.5	1361	106.4
RIZAL.....	1361	182.1	3	0.4	1665	222.7	699	93.5
ROMBLON.....	2167	915.2	13	5.5	600	253.4	168	71.0
BATANGAS CITY.....	74	42.2	2	1.1	141	60.3	104	59.2
CAVITE CITY.....	1703	1709.5	0	-	305	306.2	64	64.2
LIPA CITY.....	202	137.0	0	-	138	93.6	118	80.0
LUCENA CITY.....	2316	1616.4	15	10.5	160	111.7	133	92.8
PUERTO PRINCESA...	624	751.4	1	1.2	90	108.4	51	61.4
SAN PABLO CITY.....	926	599.6	9	5.8	156	101.0	83	53.7
TAGAYTAY CITY.....	28	127.4	0	-	12	54.6	1	4.6
TRECE MARTIRES....	177	1593.7	1	9.0	79	711.3	49	441.2
REGION 5	123420	2675.2	142	3.3	26645	620.7	4701	109.5
ALBAY.....	30487	3588.5	28	3.3	8018	949.8	925	108.9
CAMARINES NORTE...	9280	2384.0	8	2.1	1738	446.5	882	226.6
CAMARINES SUR.....	20709	1725.8	23	1.9	5143	428.7	1404	117.0
CATANDUANES.....	3326	1598.9	19	9.1	750	360.6	255	122.6
MASBATE.....	31892	4460.6	19	2.7	3879	542.5	333	46.6
SORSOGON.....	20242	3250.4	23	3.7	2247	360.8	640	102.8
IRIGA CITY.....	156	213.5	22	30.1	78	106.8	49	67.1
LEGASPI CITY.....	7172	5345.9	0	-	4544	3386.6	108	80.5
NAGA CITY.....	162	160.1	0	-	248	245.1	105	103.8
REGION 6	61983	1115.7	125	2.2	13679	246.2	4861	87.5
AKLAN.....	8642	2128.6	25	6.2	1680	413.8	302	74.4
ANTIQUE.....	13076	3055.1	3	0.7	2448	572.0	625	146.0
CAPIZ.....	4697	925.9	1	0.2	967	190.6	514	101.3
ILOILO.....	10191	707.8	30	2.1	2510	174.3	1205	83.7
NEBROS OCC.....	16093	1065.3	34	2.3	1925	127.4	1145	75.8

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	BRONCHITIS (460-466)				PNEUMONIAS (480-486)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BAKOLOD CITY.....	2047	644.3	3	0.9	774	249.6	281	88.4
BAGO CITY.....	4	3.2	2	1.6	118	93.3	87	68.8
CADIZ CITY.....	355	242.7	0	-	216	147.7	71	48.5
ILOILO CITY.....	3198	1129.5	4	1.4	1506	529.1	268	94.2
LA CARLOTA CITY...	398	684.7	1	1.7	526	905.0	74	127.3
ROXAS CITY.....	1368	1348.2	6	5.9	581	572.6	101	99.5
SAN CARLOS CITY...	1044	1067.9	15	15.3	219	229.1	88	90.0
SILAY CITY.....	870	662.9	1	0.8	209	159.1	100	76.1
REGION 7	28920	625.0	44	1.0	16559	365.4	4180	92.2
BOHOL.....	8022	914.3	13	1.5	2499	284.8	891	101.5
CEBU.....	4714	332.5	19	1.3	5408	381.5	1535	108.3
NEGROS OR.....	5284	635.9	1	0.1	3586	431.5	456	54.9
SIQUIJOR.....	180	197.6	0	-	101	124.7	88	108.7
BAYS CITY.....	480	842.0	0	-	240	421.0	15	26.3
CANLON CITY.....	129	392.5	0	-	119	379.7	93	296.7
CEBU CITY.....	7579	1215.4	9	1.4	2036	326.5	572	91.7
DANAO CITY.....	190	289.3	0	-	148	220.7	77	114.8
DUMAGUETE CITY...	388	492.5	0	-	158	200.6	97	123.1
LAPU-LAPU CITY...	1125	885.8	0	-	1724	1357.1	140	110.2
MANDAWE CITY.....	57	32.8	2	1.2	106	61.0	86	49.5
TAGBILARAN CITY...	55	108.6	0	-	132	260.6	36	71.1
TOLEDO CITY.....	123	107.0	0	-	302	262.7	94	81.7
REGION 8	69815	2040.3	143	4.6	20793	664.8	3504	112.0
LEYTE DEL NORTE...	33388	2671.5	80	6.4	13945	1115.8	1833	146.7
LEYTE DEL SUR.....	4064	1102.5	18	4.9	944	256.1	341	92.5
EASTERN SAMAR.....	9879	2526.2	3	0.8	1884	481.8	121	30.9
NORTHERN SAMAR....	12547	2638.0	12	2.5	1799	378.2	436	91.7
WESTERN SAMAR.....	3634	849.0	9	2.1	1414	330.3	152	35.5
CALBAYOG CITY.....	143	116.6	20	16.3	170	138.6	106	86.4
ORMOC CITY.....	62	47.7	0	-	203	156.2	173	133.1
TACLOBAN CITY.....	98	72.3	1	0.7	434	320.3	342	252.4
REGION 9	90650	2745.9	27	0.8	18767	568.5	1357	41.1
BASILAN.....	2050	811.0	0	-	120	47.5	40	15.8
SULU.....	951	217.5	3	0.7	397	90.8	116	26.5
TAWI-TAWI.....	925	387.9	0	-	67	28.1	7	2.9
ZAMB. DEL NORTE....	25566	4461.2	13	2.3	4275	746.0	302	52.7
ZAMB. DEL SUR.....	49033	5117.2	4	0.4	11804	1231.9	328	34.2

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
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A R E A	BRONCHITIS (460-4666)				PNEUMONIAS (480-486)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAPITAN CITY.....	250	386.7	1	1.5	165	255.2	63	97.4
DIPOLOG CITY.....	210	268.7	0	-	310	396.6	65	83.2
PAGADIAN CITY.....	11267	11018.4	3	2.9	444	434.2	115	112.5
ZAMBOANGA CITY.....	398	94.1	3	0.7	1185	280.3	321	75.9
REGION 10	85197	2414.5	59	1.7	23193	656.1	2480	70.3
AGUSAN DEL NORTE...	7390	3223.8	2	0.9	2103	917.4	157	68.5
AGUSAN DEL SUR.....	2771	793.1	4	1.1	402	115.1	129	36.6
BUKIDNON.....	20431	2548.3	12	1.5	5630	702.2	392	48.9
CAMIGUIN.....	4858	7048.4	1	1.5	328	475.9	57	82.7
MISAMIS OCC.....	10470	3844.9	3	1.1	935	343.4	203	74.5
MISAMIS OR.....	11349	2391.1	5	1.1	1312	276.5	362	76.3
SURIGAO DEL NORTE..	9168	2502.0	5	1.4	4327	1180.9	188	51.3
BUTUAN CITY.....	2379	1080.2	6	2.7	1123	509.9	286	129.9
CAGAYAN DE ORO.....	2111	638.5	1	0.3	3513	1064.0	357	108.0
GINGOGG CITY.....	1955	1940.3	1	1.0	799	793.0	90	89.3
OROQUIETA CITY.....	7787	13400.4	2	3.4	1164	2003.1	27	46.5
OZAMIS CITY.....	2043	2180.4	13	13.9	1064	1135.6	80	85.4
SURIGAO CITY.....	2415	2438.7	4	4.0	341	344.4	94	94.9
TANGUB CITY.....	10	22.1	0	-	87	192.2	59	130.3
REGION 11	132351	3052.7	29	0.7	23076	532.3	2314	53.4
COTABATO SOUTH....	15297	20010.0	4	0.5	1516	198.3	421	55.1
DAVAO DEL NORTE....	16636	1743.9	4	0.4	3583	375.6	460	48.2
DAVAO ORIENTAL.....	14472	3394.8	3	0.7	4245	995.8	207	48.6
DAVAO DEL SUR.....	60101	9281.1	4	0.6	7283	1124.7	340	52.5
SURIGAO DEL SUR....	20673	4150.3	11	2.2	2461	494.1	348	69.9
DAVAO CITY.....	3977	486.5	3	0.4	3385	414.1	315	38.5
GEN. SANTOS CITY...	1195	524.9	0	-	603	264.9	223	97.9
REGION 12	64234	77.9	9	0.3	16784	584.4	752	26.2
COTABATO NORTH....	11344	1551.7	3	0.4	3995	546.5	131	17.9
LANAO DEL NORTE....	15852	4053.4	1	0.3	1235	315.8	118	30.2
LANAO DEL SUR.....	9853	2323.3	0	-	2320	547.1	14	3.3
MAGUINDANAO.....	12341	2220.1	0	-	4013	721.9	16	2.9
SULTAN KUDARAT....	13249	3252.8	0	-	3285	806.5	128	31.4
COTABATO CITY.....	519	498.2	3	2.9	1056	1013.7	92	88.3
ILIGAN CITY.....	980	497.1	2	1.0	390	197.8	231	117.2
MARAWI CITY.....	96	157.3	0	-	100	163.8	22	36.0

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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No. & Rate/100,000 Pop.
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A R E A	INFLUENZA (487)				ACCIDENTS (800-999; E800-E949)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
PHILIPPINES.....	773802	1287.6	770	1.3	150267	250.0	11753	19.6
NAT. CAP. REGION..	12096	156.9	33	0.4	5202	67.5	1000	13.0
1ST DIST. MANILA..	950	51.2	5	0.3	2195	118.2	401	21.6
2ND DIST. MUN.....	1924	177.0	6	0.6	350	32.2	146	13.4
QUEZON CITY.....	1657	107.2	2	0.1	310	20.1	274	17.7
3RD DIST. MUN.....	2850	380.0	4	0.5	1415	188.6	33	4.4
CALOOCAN CITY....	1200	77.6	2	0.1	168	10.9	48	2.8
4TH DIST. MUN.....	1590	105.7	13	0.9	275	18.3	93	6.2
PASAY CITY.....	1925	526.6	1	0.3	489	133.8	10	2.7
C.A.R.	20141	1756.0	10	0.9	8938	779.3	267	23.3
ABRA.....	13567	6192.6	2	0.9	367	167.5	22	10.0
BENGUET.....	1462	502.5	2	0.7	6983	2402.0	111	38.1
IFUGAO.....	533	401.1	4	3.0	1002	754.1	11	8.3
KALINGA-APAYAO....	2310	991.8	0	-	78	33.5	41	17.6
MT. PROVINCE.....	2004	1684.8	2	1.7	49	41.2	25	21.0
BAGUIO CITY.....	265	174.1	0	-	453	297.6	57	37.5
REGION 1	19105	556.8	124	3.6	4720	137.6	924	26.9
ILOCOS NORTE.....	5139	1308.4	8	2.0	3124	618.3	94	23.9
ILOCOS SUR.....	4600	864.3	8	1.5	248	46.6	152	28.6
LA UNION.....	2384	423.7	9	1.6	250	44.4	195	34.7
PANGASINAN.....	6183	377.2	76	4.6	587	35.8	358	21.8
DAGUPAN CITY.....	252	225.6	1	0.9	189	169.2	78	69.8
LAOAG CITY.....	170	223.6	3	3.9	192	252.5	26	34.2
SAN CARLOS CITY...	377	322.3	19	16.2	40	34.2	21	17.9
REGION 2	52815	2189.1	36	1.5	10717	444.2	731	30.3
BATANES.....	713	3999.8	0	-	12	67.3	2	11.2
CAGAYAN.....	9860	1145.6	29	3.4	1486	172.6	304	35.3
ISABELA.....	27188	2455.4	5	0.5	4810	434.4	317	28.6
NUOVA VIZCAYA.....	13244	4251.2	0	-	4266	1369.3	87	27.9
QUIRINO.....	1810	1570.3	2	1.7	143	124.1	21	18.2
REGION 3	43466	729.7	25	0.4	10758	180.6	1241	20.8
BATAAN.....	1853	481.5	1	0.2	3708	863.4	135	31.4
BULACAN.....	8587	631.2	3	0.2	3207	235.7	300	22.1
INEUVA ECIJA.....	4529	435.0	6	0.6	936	80.3	181	17.4
PAMPANGA.....	10833	332.9	1	0.08	1206	97.2	202	16.3
TARLAC.....	9705	1193.0	4	0.5	352	43.3	178	21.9
ZAMBALES.....	4039	1101.3	9	2.5	662	180.5	102	27.8

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
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No. & Rate/100,000 Pop.
PHILIPPINES
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A R E A	INFLUENZA (487)				ACCIDENTS (800-999; E800-E949)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ANGELES CITY.....	2555	1039.1	0	-	330	134.2	29	11.8
CABANATUAN CITY...	458	268.0	0	-	120	70.2	68	99.8
LOLONGAPO CITY.....	1217	632.0	0	-	282	146.4	25	13.0
PALAYAN CITY.....	2	9.5	0	-	10	47.7	1	4.8
SAN JOSE CITY.....	188	252.1	1	1.3	45	60.3	20	26.8
REGION 4	62952	797.1	77	1.0	11585	146.7	1744	22.1
AURORA.....	4818	3418.0	1	0.7	233	165.3	40	28.4
BATANGAS.....	5250	473.4	10	0.9	2970	267.8	211	19.0
CAVITE.....	3667	388.5	9	0.8	1029	109.0	148	15.7
LAGUNA.....	2184	192.5	2	0.2	1286	113.4	241	21.2
MARINDUQUE.....	1658	793.5	3	1.4	125	59.8	47	22.5
MINDORO OCC.....	9340	3300.5	4	1.4	807	285.2	40	14.1
MINDORO OR.....	10875	1892.9	9	1.6	232	40.4	140	24.4
PALAWAN.....	6613	1641.8	4	1.0	617	153.2	49	12.2
QUEZON.....	6300	492.5	19	1.4	1289	100.8	358	28.0
RIZAL.....	7910	1058.2	2	0.3	2400	321.1	132	17.7
ROMBLON.....	1284	542.3	8	1.3	81	34.2	73	30.8
BATANGAS CITY.....	300	170.9	3	1.7	67	38.2	53	30.2
CAVITE CITY.....	286	287.1	2	2.0	95	95.4	16	16.1
ILIPA CITY.....	90	61.0	0	-	41	27.8	33	22.4
ILUCENA CITY.....	156	108.9	2	1.4	71	49.6	62	43.3
PUERTO PRINCESA...	756	910.3	0	-	92	38.5	25	30.1
SAN PABLO CITY.....	1369	886.4	0	-	182	117.8	63	40.8
ITAGAYTAY CITY.....	20	91.0	1	4.6	11	50.1	2	9.1
TRECE MARTIRES...	76	684.3	0	-	17	153.1	11	99.0
REGION 5	50833	1184.2	88	2.1	6651	154.9	910	21.2
ALBAY.....	14220	1673.8	18	2.1	1612	189.7	156	18.4
CAMARINES NORTE...	2978	765.0	1	0.3	2236	574.2	120	30.8
CAMARINES SUR.....	18250	1521.3	3	0.7	560	46.7	201	16.8
CATANDUANES.....	2838	1364.3	21	10.1	151	72.6	64	30.8
MASSATE.....	9541	1334.4	6	0.8	1240	173.4	124	17.3
SORSOGON.....	2632	422.6	26	4.2	692	111.1	142	22.8
IRIGA CITY.....	138	188.9	5	6.8	38	52.0	12	16.4
ILEGASPI CITY.....	63	46.9	1	0.7	68	50.7	43	32.0
INAGA CITY.....	173	171.0	2	2.0	55	54.4	48	47.4
REGION 6	53546	963.8	188	3.4	13388	241.0	1047	18.8
AKLAN.....	4725	1169.8	10	2.5	2090	514.8	106	26.1
ANTIQUE.....	8120	1897.2	9	2.1	2161	504.9	73	17.1
CAPIZ.....	6581	1297.9	5	1.0	1018	200.7	83	16.4
ILIGILO.....	5140	357.0	40	2.8	3317	230.4	192	13.3
INEGROS OCC.....	26189	1732.4	79	5.0	3822	253.0	208	13.4

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TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

A R E A	INFLUENZA (487)				ACCIDENTS (800-999;E800-E949)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
BACOLOD CITY.....	902	283.91	14	4.4	348	109.51	129	40.9
BAGO CITY.....	12	9.51	4	3.2	55	43.51	13	10.3
CADIZ CITY.....	84	57.41	0	-	62	42.41	36	24.6
ILOILO CITY.....	800	281.11	17	6.0	329	115.61	134	47.1
LA CARLOTA CITY...	78	134.21	0	-	40	68.81	5	8.6
ROXAS CITY.....	160	157.71	4	3.9	69	68.01	42	41.4
SAN CARLOS CITY...	295	301.71	5	5.1	46	47.11	14	14.3
SILAY CITY.....	480	365.41	5	3.8	31	23.61	18	13.7
REGION 7	64762	1429.31	28	0.6	12696	280.21	872	19.2
BOHOL.....	34243	3902.61	8	0.9	959	109.31	148	16.9
CEBU.....	1778	125.41	13	0.9	4188	295.41	235	16.6
NEGROS OR.....	27030	3252.81	4	0.5	5509	663.01	95	11.4
SIGUIJOR.....	83	102.51	0	-	415	512.51	17	21.0
BAIS CITY.....	64	112.31	0	-	42	73.71	9	15.8
CANLARA CITY.....	24	76.61	0	-	15	47.91	2	6.4
CEBU CITY.....	1050	169.41	1	0.2	1180	189.21	168	26.9
DANAO CITY.....	4	6.01	0	-	48	71.61	43	64.1
DUMAGUETE CITY....	147	186.61	0	-	96	121.91	48	60.9
LAPU-LAPU CITY....	189	148.81	1	0.8	79	62.21	25	19.7
MANDAWE CITY.....	3	1.71	1	0.6	98	56.41	42	24.2
TAGBILARAN CITY...	68	134.21	0	-	25	49.31	17	33.6
TOLEDO CITY.....	79	68.71	0	-	42	96.51	23	20.0
REGION 8	26137	835.71	96	3.1	7277	232.71	578	18.5
LEYTE DEL NORTE...	10232	818.71	64	5.1	3712	297.01	216	17.3
LEYTE DEL SUR.....	2537	688.21	2	0.5	1193	323.61	51	13.8
EASTERN SAMAR.....	4576	1170.21	14	3.6	689	176.21	51	13.0
NORTHERN SAMAR....	6200	1305.21	7	1.5	645	135.61	77	16.2
WESTERN SAMAR.....	2443	570.71	6	1.4	810	189.21	67	15.7
CALBAYOG CITY.....	62	50.51	3	2.4	47	38.91	25	20.4
ORMOC CITY.....	16	12.31	0	-	70	53.91	28	21.5
TACLOBAN CITY.....	63	46.51	0	-	111	81.91	69	46.5
REGION 9	153403	4646.81	12	0.4	21316	645.71	417	12.6
BASILAN.....	1350	534.11	0	-	100	40.01	11	4.4
SULU.....	5617	1284.41	0	-	5911	1351.61	19	4.3
TAWI-TAWI.....	2480	1040.11	0	-	200	83.91	10	4.2
ZAMB. DEL NORTE...	38589	6733.71	3	0.5	5085	887.31	62	10.8
ZAMB. DEL SUR.....	83129	8675.51	2	0.2	9590	1000.81	133	13.9

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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A R E A	INFLUENZA (487)				ACCIDENTS (800-999; E800-E949)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
DAVITA CITY.....	194	300.0	9	4.6	70	108.3	13	20.1
DIPOLLO CITY.....	470	601.3	4	5.1	50	64.0	22	28.1
PAGADIAN CITY.....	13837	13531.7	0	-	110	107.6	99	98.1
ZAMBOANGA CITY.....	770	182.1	0	-	200	47.3	108	25.5
REGION 10	69762	1978.4	19	0.5	11971	339.5	747	21.2
LAGUSAN DEL NORTE..	5748	2507.4	0	-	3115	1358.9	51	22.2
LAGUSAN DEL SUR....	890	254.7	0	-	240	68.7	101	28.9
BUKIDNON.....	28338	3534.6	0	-	1375	171.5	125	15.6
CAMIGUIN.....	2960	4294.6	1	1.5	1132	1642.4	25	36.3
MISAMIS OCC.....	6044	2219.6	0	-	920	117.5	40	14.7
MISAMIS OR.....	10824	2281.5	2	0.4	352	74.2	75	15.8
SURIGAO DEL NORTE..	6062	1654.3	7	1.9	1004	274.0	49	13.4
LEITUAN CITY.....	326	148.0	1	0.5	611	277.4	95	43.1
CAGAYAN DE ORO.....	572	173.0	6	1.8	3436	1039.2	98	29.6
GINGOOG CITY.....	2835	2813.7	1	1.0	219	217.4	18	17.9
OROQUIETA CITY.....	3910	6728.6	0	-	38	65.4	15	25.8
IOZAMIS CITY.....	1129	1204.9	0	-	53	56.6	27	28.8
SURIGAO CITY.....	114	115.1	0	-	46	46.5	24	24.2
TANGUB CITY.....	10	22.1	1	2.2	30	66.3	4	8.8
REGION 11	89627	2067.3	30	0.7	16448	379.4	919	21.2
COTABATO SOUTH....	10542	1379.0	2	0.3	5590	731.2	162	21.2
DAVAO DEL NORTE....	8923	935.4	0	-	760	79.7	212	22.2
DAVAO ORIENTAL.....	10834	2541.4	0	-	3862	905.9	58	13.6
DAVAO DEL SUR.....	48904	7552.0	1	0.2	1762	272.1	106	16.4
SURIGAO DEL SUR....	8384	1683.2	27	5.4	2566	515.1	95	19.1
DAVAO CITY.....	1272	155.6	0	-	1079	132.0	225	27.5
GEN. SANTOS CITY..	768	337.3	0	-	829	364.1	61	26.8
REGION 12	55157	1920.7	4	0.1	8590	299.1	356	12.4
COTABATO NORTH....	7287	996.7	2	0.3	1117	152.8	109	14.9
LANAO DEL NORTE....	20782	5314.0	1	0.3	2182	557.9	64	16.4
LANAO DEL SUR.....	9842	2320.9	0	-	1260	297.1	6	1.4
MAGUINDANAO.....	2013	362.1	0	-	1258	226.3	28	5.0
SULTAN KUDARAT....	13816	3392.0	1	0.2	1173	288.0	51	12.5
COTABATO CITY.....	635	667.2	0	-	46	44.2	40	38.4
ILIGAN CITY.....	602	305.4	0	-	1498	759.9	51	25.9
MARAWI CITY.....	120	196.6	0	-	56	91.7	7	11.5

TABLE 17 NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

W E E K	TYPHOID AND PARATYPHOID FEVER & OTHER SALMONELLA INFECTION (002;003)			DIARRHEAS (004-009)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
1.....	305	291	335	12068	10945	17169
2.....	324	307	345	11185	10435	16898
3.....	310	256	397	12115	10724	15656
4.....	367	278	306	11724	11474	15347
5.....	322	280	358	12325	10921	15941
6.....	331	295	412	11344	10630	15764
7.....	335	263	330	12004	11197	15637
8.....	278	263	303	10817	10478	16298
9.....	329	275	390	10193	9791	14308
10.....	325	263	376	11338	10454	14048
11.....	307	286	356	10817	10394	13730
12.....	298	261	346	10990	10395	13023
13.....	265	248	350	9425	9230	13174
14.....	258	241	298	10522	9861	14022
15.....	286	271	348	11257	10603	14685
16.....	267	248	310	10380	9584	14411
17.....	249	229	295	10091	9774	13256
18.....	272	243	328	10021	9232	13293
19.....	327	288	360	11662	10677	14285
20.....	320	285	361	12321	11521	13835
21.....	287	281	329	11419	11322	14138
22.....	298	236	358	12227	11614	12911
23.....	320	275	344	12658	12406	13450
24.....	286	261	355	12319	11776	13566
25.....	292	276	296	12574	11746	13415
26.....	271	258	337	11908	10548	13170

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NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

W E E K	TYPHOID AND PARATYPHOID FEVER & OTHER SALMONELLA INFECTION (002;003)			DIARRHEAS (004-009)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
27.....	284	241	347	13111	11008	13692
28.....	299	272	384	13495	12706	15468
29.....	286	264	354	12737	12387	14536
30.....	279	245	375	12830	12365	13528
31.....	310	245	446	12268	11342	15508
32.....	299	248	385	12659	12421	14978
33.....	315	250	414	11068	10455	14089
34.....	300	251	425	11695	11190	14685
35.....	284	232	377	10291	9880	14112
36.....	271	226	364	10861	9421	14145
37.....	302	271	430	10853	10717	14858
38.....	319	311	402	11139	10499	14501
39.....	324	280	390	11011	10799	13791
40.....	327	283	426	9810	8537	15764
41.....	268	234	399	11168	10352	14315
42.....	278	259	327	10703	10120	14864
43.....	276	252	360	10511	9689	14111
44.....	250	227	387	10076	9563	13476
45.....	317	295	324	11515	10551	14425
46.....	316	260	283	11985	11685	13893
47.....	311	271	269	11955	11070	14580
48.....	280	206	223	10187	8906	12886
49.....	239	180	243	10494	8993	12815
50.....	256	183	220	9792	8970	12763
51.....	205	173	221	9012	8757	12498
52.....	183	177	216	8394	7582	12022

TABLE 17 NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

WEEK	DIPHTHERIA (032)			WHOOPING COUGH (033)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
1.....	58	42	28	377	305	197
2.....	37	34	35	266	236	204
3.....	36	34	30	293	284	196
4.....	41	37	22	325	211	215
5.....	37	34	34	312	253	189
6.....	60	49	25	413	273	203
7.....	44	31	24	369	300	168
8.....	60	54	48	337	242	203
9.....	55	40	49	336	248	174
10.....	31	23	23	377	360	178
11.....	33	23	47	380	328	186
12.....	45	38	21	331	302	173
13.....	26	21	20	400	240	191
14.....	41	32	26	308	295	170
15.....	34	30	24	375	240	186
16.....	25	22	22	352	247	174
17.....	23	20	31	347	237	174
18.....	24	21	18	238	168	202
19.....	28	24	26	413	279	170
20.....	31	27	23	327	237	180
21.....	27	25	19	431	284	165
22.....	38	35	22	375	237	162
23.....	25	18	17	391	213	175
24.....	21	15	20	301	192	168
25.....	20	15	23	298	215	177
26.....	32	25	19	375	182	179

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

WEEK	DIPHTHERIA (032)			WHOOPIING COUGH (033)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
27.....	37	24	22	346	167	174
28.....	29	26	31	343	228	174
29.....	27	25	21	371	214	151
30.....	29	26	24	358	218	161
31.....	27	24	26	330	240	181
32.....	32	28	23	365	198	177
33.....	27	21	29	338	256	161
34.....	30	30	25	283	198	157
35.....	31	26	20	276	187	157
36.....	22	19	25	280	187	193
37.....	23	15	22	308	238	202
38.....	24	21	19	282	220	182
39.....	24	22	16	265	246	173
40.....	23	21	28	310	217	162
41.....	29	26	16	267	245	227
42.....	21	16	19	230	199	208
43.....	25	23	18	281	225	161
44.....	18	13	27	251	203	186
45.....	21	19	64	227	198	176
46.....	27	14	18	299	225	232
47.....	15	13	19	313	216	192
48.....	17	12	17	321	200	193
49.....	21	13	18	258	183	184
50.....	23	17	19	259	192	182
51.....	27	12	17	216	149	180
52.....	14	10	18	192	132	181

TABLE 17 NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

WEEK	TETANUS (037)			POLIOMYELITIS (045;139)			VARICELLA (052)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
1.....	90	82	77	6	6	5	94	67	288
2.....	69	59	62	18	13	9	78	55	362
3.....	63	57	66	7	6	5	82	69	587
4.....	71	62	54	5	4	6	114	83	333
5.....	80	70	83	6	4	7	147	97	447
6.....	63	59	63	8	7	8	118	97	516
7.....	69	62	61	7	5	6	140	101	516
8.....	65	59	75	21	12	20	136	115	469
9.....	74	64	70	6	4	5	112	105	518
10.....	62	58	55	9	7	5	167	133	560
11.....	71	64	60	11	9	5	130	112	483
12.....	70	65	54	8	7	5	167	147	483
13.....	74	73	64	12	10	5	120	108	470
14.....	70	67	45	6	5	5	158	131	495
15.....	75	64	58	8	7	5	163	105	493
16.....	81	71	51	5	4	5	121	110	526
17.....	62	59	62	7	7	5	118	85	748
18.....	72	64	56	7	5	13	93	68	380
19.....	78	73	60	6	5	6	135	126	320
20.....	69	65	61	8	7	7	87	54	314
21.....	70	65	54	7	5	6	80	58	327
22.....	71	68	48	6	5	8	87	64	280
23.....	66	60	49	11	7	5	88	72	229
24.....	62	53	47	10	8	7	95	67	212
25.....	65	60	52	9	6	5	81	59	224
26.....	61	57	59	9	7	7	85	48	199

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

WEEK	TETANUS (037)			POLIOMYELITIS (045;198)			VARICELLA (052)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
27.....	80	66	61	6	4	5	103	91	183
28.....	74	67	56	11	6	5	92	58	271
29.....	60	59	53	9	5	6	75	40	271
30.....	64	58	94	14	9	6	94	60	184
31.....	66	63	61	9	8	13	76	57	297
32.....	60	54	67	11	10	5	71	22	218
33.....	63	57	64	8	4	7	85	30	211
34.....	61	55	66	9	4	6	95	70	220
35.....	61	53	102	7	6	6	47	30	350
36.....	65	52	65	7	5	7	53	37	314
37.....	59	57	60	4	4	5	72	31	267
38.....	57	55	59	12	7	6	67	46	257
39.....	64	61	44	5	4	11	64	39	197
40.....	59	55	62	4	3	8	65	64	243
41.....	59	52	78	9	7	7	113	65	273
42.....	54	49	58	9	4	7	113	79	244
43.....	58	52	57	6	4	5	88	47	246
44.....	60	53	51	7	6	7	112	62	266
45.....	52	44	52	7	5	5	83	54	277
46.....	69	66	54	9	6	5	75	55	190
47.....	57	46	46	8	6	5	59	43	192
48.....	58	49	55	6	5	4	59	37	202
49.....	55	48	50	6	6	4	49	31	293
50.....	59	48	47	6	4	5	72	47	149
51.....	62	55	49	5	5	5	50	41	173
52.....	39	29	45	3	2	5	44	23	164

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 TABLE 17 NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
 LIMITS OF OCCURRENCE BY WEEK
 PHILIPPINES
 1989

WEEK	MEASLES (055)			H - FEVER (061;065)			INFECTIOUS HEPATITIS (070)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
1.....	1260	1204	1927	59	46	47	338	181	334
2.....	1247	1200	1393	42	34	39	365	309	303
3.....	1280	1202	1410	43	38	43	304	260	293
4.....	1294	1279	1450	32	21	42	296	283	238
5.....	1531	1387	1561	99	32	81	334	304	340
6.....	1659	1540	1633	117	52	49	343	298	358
7.....	1612	1502	1520	87	47	39	315	306	312
8.....	1645	1610	1601	71	53	36	324	302	262
9.....	1743	1672	1580	104	68	35	311	299	288
10.....	1874	1661	1345	52	49	35	330	304	259
11.....	1950	1798	1483	46	42	38	324	317	272
12.....	1898	1802	1430	31	29	38	325	321	290
13.....	1764	1729	1444	46	32	37	300	278	273
14.....	1808	1719	1566	27	22	37	326	310	291
15.....	2000	1827	1487	42	38	46	320	306	270
16.....	2061	1713	1443	31	20	32	306	288	246
17.....	1766	1695	1410	66	43	34	250	239	250
18.....	1490	1458	1278	19	17	34	261	253	268
19.....	1498	1290	981	29	24	35	329	297	264
20.....	1711	1470	1355	24	22	35	314	291	282
21.....	1611	1517	1344	24	20	37	336	320	282
22.....	1554	1445	1268	31	17	38	375	336	261
23.....	1594	1530	1175	28	23	61	324	293	259
24.....	1456	1379	1197	29	25	46	294	274	229
25.....	1315	1147	1163	42	30	43	275	261	240
26.....	1343	1173	1163	31	25	39	339	283	291

TABLE 17

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NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

W E E K	MEASLES (055)			H - FEVER (061;065)			INFECTIOUS HEPATITIS (070)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
27.....	1289	1013	1132	39	29	45	337	280	259
28.....	1391	1139	1361	82	58	43	345	322	296
29.....	1258	1202	1349	42	35	46	304	303	394
30.....	1119	1080	1379	38	31	50	305	286	348
31.....	1176	1094	1380	42	30	51	346	313	320
32.....	1206	1145	1419	56	24	43	318	283	306
33.....	1239	1147	1260	44	34	41	351	332	338
34.....	1227	1197	1191	48	38	41	332	326	313
35.....	1143	1076	1280	30	27	42	286	261	260
36.....	1177	948	1239	43	30	55	305	272	311
37.....	1150	1123	1315	35	33	64	335	310	291
38.....	1196	1156	1309	25	25	46	350	321	319
39.....	1175	1079	1199	33	26	54	292	261	240
40.....	1246	1165	1254	36	28	57	301	287	252
41.....	1215	1186	1375	41	27	38	281	258	258
42.....	1173	1062	1179	27	24	37	304	236	371
43.....	1141	1048	1209	24	21	35	304	236	261
44.....	1202	1190	1686	44	28	35	257	208	356
45.....	1275	1192	1139	23	17	36	326	291	289
46.....	1248	1224	1147	29	26	57	310	293	277
47.....	1129	1083	1290	30	21	41	324	306	319
48.....	1010	845	1119	30	25	37	249	217	231
49.....	1095	944	1126	36	24	47	261	192	256
50.....	953	863	1109	27	18	40	233	194	242
51.....	973	854	1019	25	17	43	209	207	254
52.....	840	762	1024	33	20	40	209	204	245

TABLE 17 NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

WEEK	BRONCHITIS (466)			PNEUMONIAS (480;486)			INFLUENZA (487)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
1.....	14907	14855	16943	4234	4152	4776	9665	8256	15964
2.....	14675	14431	17052	3947	3738	4811	9973	8522	15429
3.....	14318	13994	16273	3991	3711	4483	10021	9258	15377
4.....	13920	13390	15393	3993	3728	4335	9683	8912	14148
5.....	14682	14537	18583	4299	4046	4721	9996	9483	16142
6.....	14173	12976	19026	4391	3981	4885	9504	8847	17341
7.....	14225	14488	18332	4447	4007	4900	10011	9069	16806
8.....	13989	13284	18840	4044	3895	3827	8958	8691	17415
9.....	13515	11681	17055	4093	3718	4335	8430	7394	14836
10.....	15147	13507	18574	4325	4153	4442	10629	9560	15429
11.....	14317	13462	18025	4115	3882	4357	9819	8515	14352
12.....	14085	12559	16348	4187	4039	4163	10170	8717	14259
13.....	11703	11041	15098	3792	3447	4412	8241	7383	12996
14.....	12201	11051	16012	3885	3691	4237	10224	9047	13042
15.....	12795	11441	16370	4090	3447	4190	9095	7999	13594
16.....	11400	10885	16708	3808	3698	4602	8769	7557	13698
17.....	11049	9704	14862	3906	3358	4193	7704	7337	12322
18.....	10361	8730	15880	3525	3042	4479	8006	7014	15104
19.....	13357	11431	15752	3865	3479	4266	9805	9301	14234
20.....	12998	11252	15951	3910	3597	4180	9905	9271	14604
21.....	12982	11196	16097	3696	3294	3969	9990	9734	14058
22.....	11873	11048	14867	3784	3471	3841	9968	8962	13443
23.....	13157	11459	15678	3783	3411	3825	10606	10388	14766
24.....	12189	10503	15031	3385	3335	3981	10107	9744	14677
25.....	11569	9368	15531	3469	3265	3859	10344	9359	14810
26.....	10361	7918	14211	3233	2779	3702	9866	8138	14014

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1989

WEEK	BRONCHITIS (466)			PNEUMONIAS (480; 486)			INFLUENZA (487)		
	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989	UPPER LIMIT	LOWER LIMIT	1989
27.....	11576	10141	17096	2913	2598	4798	10552	8167	17163
28.....	12942	11560	19731	4207	3830	5323	11095	10013	18279
29.....	12387	11580	19362	4077	3682	4806	10567	9876	18233
30.....	11958	10645	17476	4038	3518	4653	10496	10003	15820
31.....	13589	11743	18031	4452	4001	4649	10771	10017	15173
32.....	14697	13370	17959	4826	4353	4711	11585	10781	14248
33.....	12183	11333	17942	4378	3623	4502	9777	9513	13812
34.....	12107	11252	17650	4362	3621	4569	9322	9137	14686
35.....	11076	10613	17937	4027	3315	4827	8049	7762	15087
36.....	12085	10288	17610	4290	3374	4434	8292	7441	14185
37.....	13497	13025	18130	4069	4007	4522	10868	8655	15277
38.....	13472	12567	19127	4479	4219	5118	9911	7930	15250
39.....	12725	11385	16574	4082	4062	4635	9337	8115	15254
40.....	12060	10979	21539	4386	3709	5623	8971	8199	16196
41.....	12416	10204	21985	3959	3581	6008	9567	8143	16393
42.....	13023	9572	20833	3988	3608	5296	9859	7350	16425
43.....	12137	10945	20358	3948	3621	4761	8319	7686	14315
44.....	12551	10020	19127	3725	3345	4776	8579	6534	16157
45.....	12846	10827	20998	4107	3879	4738	9523	7565	17134
46.....	15287	13305	18573	4292	3892	4644	10946	9256	16024
47.....	14919	13087	17821	4289	3813	4133	10401	8608	16091
48.....	12973	12470	16056	3437	3090	3780	8594	7305	12905
49.....	14881	12769	14549	3829	3441	3780	9149	7163	12128
50.....	12338	11325	14016	3176	2909	3803	7764	6776	11899
51.....	10906	10483	12957	3322	3130	3508	7469	6752	11902
52.....	9431	8755	11561	2890	2739	3888	6311	6029	10912

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	TYPHOID AND PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS (002 - 003)			
	C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE
1989.....	17794	29.6	1233	2.1
1988.....	15830	27.0	1356	2.3
1987.....	15290	26.7	1121	2.0
1986.....	13764	24.6	1024	1.8
1985.....	15706	28.7	1071	2.0
1984.....	10073	18.9	831	1.6
1983.....	5420	10.4	697	1.3
1982.....	5282	10.4	596	1.2
1981.....	4300	8.7	676	1.4
1980.....	3222	6.6	629	1.3
1979.....	3525	7.6	656	1.4
1978.....	3542	7.8	792	1.7
1977.....	4333	9.6	768	1.7
1976.....	3448	7.9	688	1.6
1975.....	3101	7.3	596	1.4
1974.....	3767	9.1	572	1.4
1973.....	4878	12.1	587	1.5
1972.....	4495	11.5	542	1.4
1971.....	1417	3.7	371	1.0
1970.....	2466	6.7	409	1.1
1969.....	1508	4.1	391	1.1

TABLE 19

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NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	DIARRHEAS (004-009)				TUBERCULOSIS, ALL FORMS (010-018; 137)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	741733	1234.2	6893	0.01	206509	343.6	26300	43.8
1988.....	624355	1063.3	9155	15.6	183113	311.8	27020	46.0
1987.....	591858	1031.8	9468	16.5	163740	285.5	28697	50.0
1986.....	538849	962.2	9815	17.2	153129	273.4	30604	54.6
1985.....	522762	956.2	11516	21.1	151028	276.3	31650	57.9
1984.....	551560	1036.9	11553	21.7	151867	285.5	27320	51.4
1983.....	275068	529.2	15090	29.0	106300	204.5	28580	55.0
1982.....	221191	435.6	12735	25.1	104715	206.2	28309	55.7
1981.....	239117	482.7	16196	32.7	116182	235.8	27317	55.1
1980.....	199574	413.0	13492	27.9	112307	232.4	28798	59.6
1979.....	217155	466.2	16683	35.8	108813	233.6	28221	60.6
1978.....	210608	462.6	15717	34.5	118587	260.5	28398	62.4
1977.....	209040	464.5	18041	40.1	107108	238.0	31805	70.7
1976.....	299579	524.7	15529	35.5	148057	338.4	31386	71.7
1975.....	202472	476.2	11818	27.8	133537	314.1	29436	69.8
1974.....	245813	592.9	15182	36.6	142250	343.1	31031	74.9
1973.....	277108	689.0	18106	45.0	137106	340.9	26011	64.7
1972.....	258282	661.6	17167	44.0	137038	351.0	29784	76.3
1971.....	135127	356.0	12237	32.2	127942	337.1	26021	68.6
1970.....	210379	570.9	12886	35.0	136035	369.2	29503	80.1
1969.....	245918	661.8	15200	40.9	160854	432.9	28914	77.8

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	LEPROSY (030)				DIPHTHERIA (032)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	4228	7.0	95	0.2	1297	2.2	117	0.2
1988.....	1661	2.8	86	0.1	1202	2.0	186	0.3
1987.....	1766	3.1	63	0.1	1443	2.5	245	0.4
1986.....	1815	3.2	81	0.1	1630	2.9	261	0.5
1985.....	2090	3.8	124	0.2	1669	3.1	316	0.6
1984.....	1798	3.4	68	0.1	1968	3.7	337	0.6
1983.....	1153	2.2	89	0.2	1812	3.5	491	0.9
1982.....	997	2.0	107	0.2	2140	4.2	524	1.0
1981.....	958	1.9	123	0.2	819	1.7	504	1.0
1980.....	886	1.6	137	0.3	1910	4.0	414	0.9
1979.....	690	1.5	131	0.3	1044	2.2	546	1.2
1978.....	489	1.1	137	0.3	1389	3.1	455	1.0
1977.....	504	1.1	137	0.3	2888	6.4	562	1.2
1976.....	614	1.4	122	0.3	3371	7.7	641	1.5
1975.....	504	1.2	97	0.2	1770	4.2	601	1.4
1974.....	624	1.5	97	0.2	2884	7.0	519	1.3
1973.....	484	1.2	65	0.2	3379	8.4	661	1.6
1972.....	616	1.6	97	0.2	3342	8.6	616	1.6
1971.....	691	1.8	74	0.2	1877	4.9	505	1.3
1970.....	218	0.6	70	0.2	1770	4.8	602	1.6
1969.....	464	1.2	93	0.3	1626	4.4	701	1.8

TABLE 18

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NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969 - 1989

Y E A R	WHOOPIING COUGH (033)				TETANUS (037)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	9466	15.8	12	0.02	3102	5.1	1040	1.7
1988.....	7814	13.3	14	0.02	3199	5.4	1069	1.8
1987.....	8856	15.4	26	0.05	2910	5.1	1026	1.8
1986.....	16139	28.8	31	0.06	3381	6.0	1034	1.8
1985.....	19628	35.9	45	0.08	3474	6.4	1033	1.9
1984.....	21479	40.4	51	0.1	3353	6.3	924	1.7
1983.....	17380	33.4	68	0.1	2912	5.6	941	1.8
1982.....	15879	31.3	80	0.2	2441	4.8	967	1.9
1981.....	19178	38.7	57	0.1	2242	4.5	919	1.8
1980.....	19844	41.1	98	0.2	3080	6.4	1004	2.1
1979.....	21254	45.6	157	0.3	2905	6.2	1226	2.6
1978.....	15243	33.5	80	0.2	4236	9.3	3471	7.6
1977.....	21403	47.6	111	0.2	5539	12.3	3791	8.4
1976.....	27442	62.7	117	0.3	4745	10.8	4114	9.4
1975.....	28231	66.4	81	0.2	4575	10.8	4244	10.0
1974.....	22042	53.2	58	0.1	4516	10.9	3794	9.2
1973.....	20210	50.2	46	0.1	4486	11.2	3614	9.0
1972.....	26311	67.4	62	0.2	4679	12.0	3640	9.3
1971.....	24269	63.9	52	0.1	3945	10.4	3183	8.4
1970.....	19946	54.1	64	0.2	4206	11.4	3717	10.1
1969.....	25542	68.7	98	0.3	4249	11.4	3782	10.2

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969 - 1989

Y E A R	ACUTE POLIOMYELITIS (045-138)				VARICELLA (052)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	335	0.6	32	0.05	16931	28.2	23	0.04
1988.....	344	0.6	40	0.07	6767	11.5	12	0.02
1987.....	327	0.6	43	0.07	6336	11.0	15	0.03
1986.....	375	0.7	45	0.08	3121	5.6	4	0.007
1985.....	557	1.0	61	0.1	3844	7.0	10	0.02
1984.....	428	0.8	66	0.1	3409	6.4	11	0.02
1983.....	355	0.7	94	0.2	1850	3.6	15	0.03
1982.....	440	0.9	101	0.2	1506	3.0	22	0.04
1981.....	292	0.6	118	0.2	1176	2.4	20	0.04
1980.....	432	0.9	201	0.4	1112	2.3	23	0.04
1979.....	1054	2.3	353	0.8	1028	2.2	34	0.07
1978.....	835	1.8	185	0.4	1261	2.8	38	0.08
1977.....	1454	3.2	357	0.8	1171	2.6	45	0.1
1976.....	805	1.8	196	0.4	2226	5.1	52	0.1
1975.....	793	1.9	165	0.4	1408	3.3	33	0.08
1974.....	916	2.2	195	0.5	1977	4.8	37	0.09
1973.....	854	2.1	254	0.6	2309	5.7	36	0.09
1972.....	914	2.3	169	0.4	1878	4.8	35	0.09
1971.....	883	2.3	170	0.4	2061	5.4	40	0.1
1970.....	581	1.6	227	0.6	1975	5.4	25	0.07
1969.....	665	1.8	252	0.7	3455	9.3	38	0.1

TABLE 18

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NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	MEASLES (055)				H - FEVER (061-065)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	68496	114.0	6734	11.2	2240	3.7	199	0.3
1988.....	70801	120.6	7775	13.5	2821	4.8	300	0.5
1987.....	81896	142.8	12431	21.7	1696	3.0	243	0.4
1986.....	59375	106.0	6249	11.2	1623	2.9	191	0.3
1985.....	62959	115.2	8043	14.7	2096	3.8	210	0.4
1984.....	75290	141.5	7987	15.0	2514	4.7	103	0.2
1983.....	43684	84.1	9286	17.9	1684	3.2	305	0.6
1982.....	35989	70.9	7136	14.1	816	1.6	192	0.4
1981.....	27031	54.6	6951	14.0	324	0.7	112	0.2
1980.....	26765	55.4	5191	10.7	627	1.3	103	0.2
1979.....	29230	62.8	5607	12.0	438	0.9	18	0.4
1978.....	27842	61.2	5605	12.3	358	0.8	213	0.5
1977.....	27694	61.5	5293	11.8	729	1.6	224	0.5
1976.....	29901	68.3	5060	11.5	575	1.3	174	0.4
1975.....	28198	66.3	3632	8.5	716	1.7	170	0.4
1974.....	22993	55.5	3533	8.5	665	1.6	153	0.4
1973.....	28568	71.0	4866	12.1	710	1.9	214	0.5
1972.....	15451	39.6	2078	5.3	1570	4.0	83	0.2
1971.....	26492	69.8	3264	8.6	438	1.2	34	0.09
1970.....	20446	55.5	1667	4.5	922	2.5	83	0.2
1969.....	25298	68.1	2515	6.8	1336	3.6	103	0.3

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	INFECTIOUS HEPATITIS (070)				MALARIA (084)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	14761	24.6	850	1.4	125114	208.2	989	1.6
1988.....	16125	27.5	825	1.4	114679	195.3	1176	2.0
1987.....	16084	28.0	817	1.4	121097	211.1	1226	2.1
1986.....	14523	25.9	728	1.3	124153	221.7	1156	2.1
1985.....	16022	29.9	607	1.1	121975	223.1	1166	2.1
1984.....	15320	28.8	625	1.2	107485	202.1	923	1.7
1983.....	9549	18.4	653	1.3	55019	105.9	1086	2.1
1982.....	8615	17.0	739	1.5	40496	79.7	985	1.9
1981.....	9943	20.1	660	1.3	44118	89.1	1071	2.2
1980.....	9578	19.8	828	1.7	39678	82.1	1091	2.2
1979.....	8850	19.0	750	1.6	31779	68.2	1142	2.5
1978.....	7172	15.8	813	1.8	35353	77.7	1077	2.4
1977.....	7392	16.4	761	1.7	29955	66.6	974	2.2
1976.....	6815	15.6	772	1.8	35553	81.3	997	2.3
1975.....	4410	10.4	649	1.5	27077	63.7	1018	2.4
1974.....	5977	14.4	635	1.5	27420	66.1	938	2.3
1973.....	6752	16.8	548	1.4	31999	79.6	845	2.1
1972.....	4789	12.3	398	1.0	27090	69.4	656	1.7
1971.....	3568	9.4	304	0.8	25938	66.8	547	1.4
1970.....	3592	9.7	453	1.2	28594	77.6	666	1.8
1969.....	4562	12.3	471	1.3	31756	85.5	860	2.3

TABLE 18

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NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	SYPHILIS (090-097)				GONOCOCCAL INFECTION (098)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	99	0.2	9	0.01	8635	14.4	0	-
1988.....	99	0.2	9	0.02	8342	14.2	0	-
1987.....	62	0.1	9	0.02	11361	19.8	0	-
1986.....	69	0.1	8	0.01	11731	20.9	0	-
1985.....	91	0.02	9	0.02	15329	28.0	0	-
1984.....	201	0.4	42	0.08	13806	26.0	0	-
1983.....	102	0.2	16	0.03	13359	25.7	5	0.01
1982.....	114	0.2	11	0.02	13970	27.5	2	0.004
1981.....	59	0.1	4	0.01	6432	13.0	0	-
1980.....	83	0.2	9	0.01	6786	14.0	0	-
1979.....	94	0.2	26	0.06	9288	19.9	0	-
1978.....	60	0.1	16	0.04	8423	18.5	0	-
1977.....	84	0.2	29	0.06	9879	22.0	1	0.002
1976.....	71	0.2	23	0.05	9174	21.0	2	0.004
1975.....	33	0.08	14	0.03	8165	19.2	1	0.002
1974.....	45	0.1	17	0.04	17147	41.4	0	-
1973.....	49	0.1	25	0.06	12600	31.3	0	-
1972.....	94	0.2	76	0.2	10406	26.7	0	-
1971.....	71	0.2	69	0.2	10815	28.5	10	0.03
1970.....	27	0.07	16	0.04	11514	31.2	17	0.05
1969.....	33	0.09	16	0.04	11743	31.6	3	0.008

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	SCHISTOSOMIASIS (120)				FILARIASIS (125)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	25699	42.0	273	0.5	188	0.31	1	0.002
1988.....	12273	20.9	301	0.5	290	0.5	0	-
1987.....	13892	24.2	288	0.5	354	0.6	0	-
1986.....	11074	19.8	281	1.0	300	0.5	1	0.002
1985.....	9764	17.9	416	0.8	259	0.5	2	0.004
1984.....	4388	8.2	416	0.8	493	0.9	2	0.004
1983.....	3454	6.6	452	0.9	74	0.1	5	0.01
1982.....	3801	7.5	426	0.8	77	0.2	4	0.01
1981.....	3009	6.1	398	0.8	28	0.06	4	0.01
1980.....	2686	5.6	426	0.9	30	0.06	4	0.01
1979.....	2923	6.3	452	1.0	6	0.01	3	0.006
1978.....	4216	9.3	496	1.1	6	0.01	4	0.009
1977.....	3802	8.4	588	1.3	9	0.02	0	-
1976.....	5094	11.6	642	1.5	62	0.1	5	0.01
1975.....	2643	6.2	523	1.2	30	0.07	4	0.009
1974.....	3482	8.4	535	1.3	226	0.5	0	-
1973.....	3094	7.7	494	1.2	70	0.2	2	0.05
1972.....	2816	7.2	472	1.2	21	0.05	4	0.01
1971.....	4005	10.6	395	1.0	308	0.8	3	0.008
1970.....	3276	8.6	558	1.5	69	0.2	6	0.02
1969.....	2746	7.4	444	1.2	29	0.08	2	0.005

TABLE 18

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NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	MALIGNANT NEOPLASMS (140-239)				BRONCHITIS (466)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	33777	56.2	21933	36.5	893550	1486.8	1105	1.8
1988.....	28940	49.3	21184	36.1	759511	1293.4	1438	2.4
1987.....	27195	47.4	20367	35.5	642777	1120.6	1814	3.2
1986.....	26985	48.2	18395	32.8	602851	1076.4	1985	3.5
1985.....	24270	44.4	18143	33.2	586427	1072.7	2078	3.8
1984.....	24191	45.5	17700	33.3	606880	1140.9	1764	3.3
1983.....	25838	49.7	17997	34.6	352447	678.1	2052	3.9
1982.....	26867	52.9	16832	33.1	280431	552.2	2250	4.4
1981.....	24777	50.0	16059	32.4	220698	445.5	1476	3.0
1980.....	28905	59.8	16019	33.1	206469	427.3	2756	5.7
1979.....	20213	43.4	15449	33.2	219527	471.3	3219	6.9
1978.....	19865	43.6	14182	31.1	207426	455.6	5929	13.0
1977.....	20730	46.1	13977	31.1	180259	400.5	6347	14.1
1976.....	13439	30.7	13173	30.1	199034	454.9	7142	16.3
1975.....	12531	29.5	12498	29.4	*	*	*	*
1974.....	12757	30.8	12469	30.1	*	*	*	*
1973.....	11556	28.7	11490	28.6	338062	840.6	8782	21.8
1972.....	10490	26.9	10268	26.3	335439	859.2	9250	23.7
1971.....	9606	25.3	9480	25.0	317651	836.8	8199	21.6
1970.....	9660	26.2	9485	25.0	323266	877.3	10263	27.8
1969.....	9310	25.1	9256	25.0	354997	955.4	11700	31.5

*Bronchitis was not included among the Reported Notifiable diseases as per Department Order No.200 s. 1974.

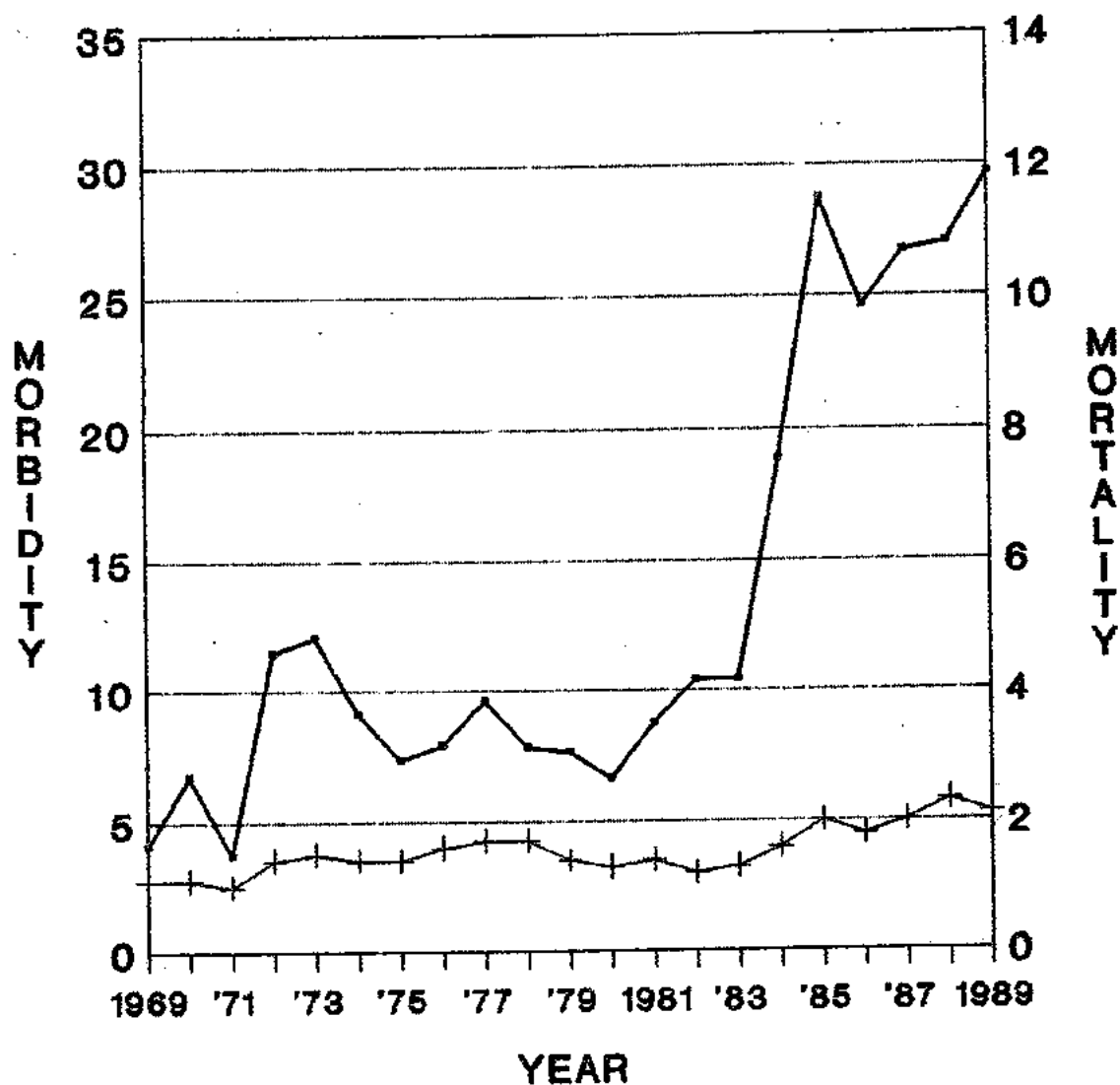
NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1969-1989

Y E A R	PNEUMONIAS (480-486)				INFLUENZA (487)			
	C A S E S		D E A T H S		C A S E S		D E A T H S	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	232056	386.1	46268	77.0	773802	1287.6	770	1.3
1988.....	201902	343.8	47444	80.8	576404	981.6	791	1.3
1987.....	183143	319.3	52700	91.9	495161	863.3	1151	2.0
1986.....	190208	339.6	50621	90.4	397715	710.2	1221	2.2
1985.....	205387	375.7	52888	96.7	447550	818.7	1400	2.6
1984.....	193594	363.9	45971	86.4	453926	853.4	1150	2.2
1983.....	123420	237.5	48650	93.6	256534	493.6	1215	2.3
1982.....	106563	209.8	45373	89.3	226237	445.5	1297	2.6
1981.....	123154	248.6	43164	87.1	251200	507.1	2715	5.5
1980.....	117270	242.7	45209	93.6	202884	419.9	1913	4.0
1979.....	126797	272.2	49019	105.2	189126	406.0	1803	3.9
1978.....	113257	248.8	45667	100.3	222064	487.7	1898	4.2
1977.....	104074	231.2	47302	105.1	276399	614.1	2859	6.4
1976.....	111767	255.5	47105	107.7	263118	601.4	2781	6.4
1975.....	96961	228.1	43349	102.0	246057	578.7	2172	5.1
1974.....	93050	224.4	45910	110.7	297474	717.5	2945	7.1
1973.....	93569	232.6	48058	119.5	319955	795.5	2361	5.9
1972.....	95717	245.2	48831	125.1	395185	1012.3	3266	8.4
1971.....	87953	231.7	40526	106.8	193910	510.8	1814	4.8
1970.....	86040	233.5	43573	118.2	388769	1055.0	2639	7.2
1969.....	80109	215.6	44689	120.3	213952	575.8	1586	4.3

TYPHOID & PARATYPHOID & OTHER SAL. INF.

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



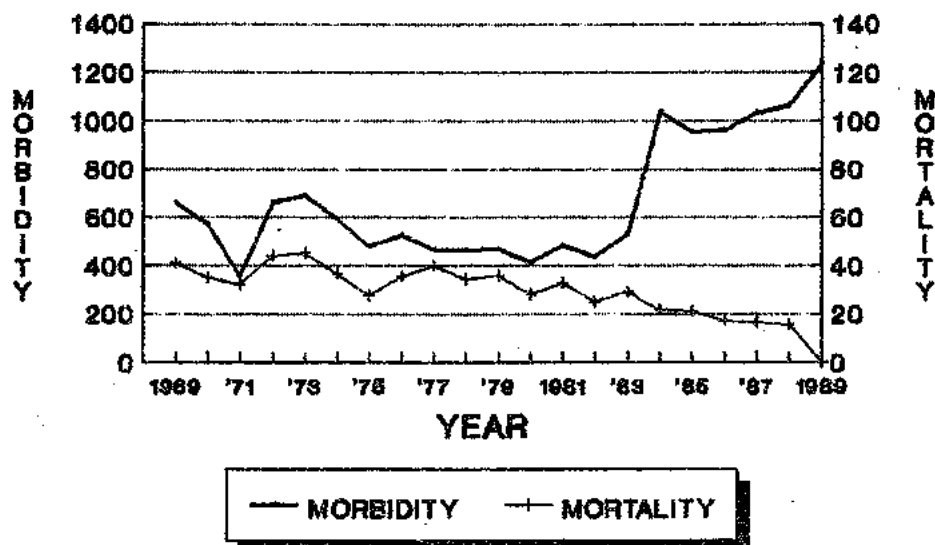
— MORBIDITY + MORTALITY

Fig.11

DIARRHEAS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils, 1969-1989



TUBERCULOSIS, ALL FORMS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

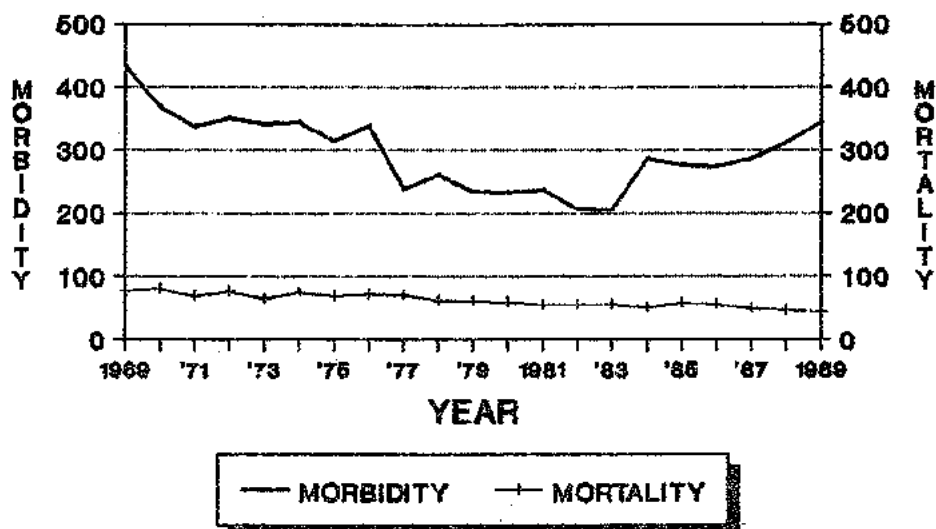
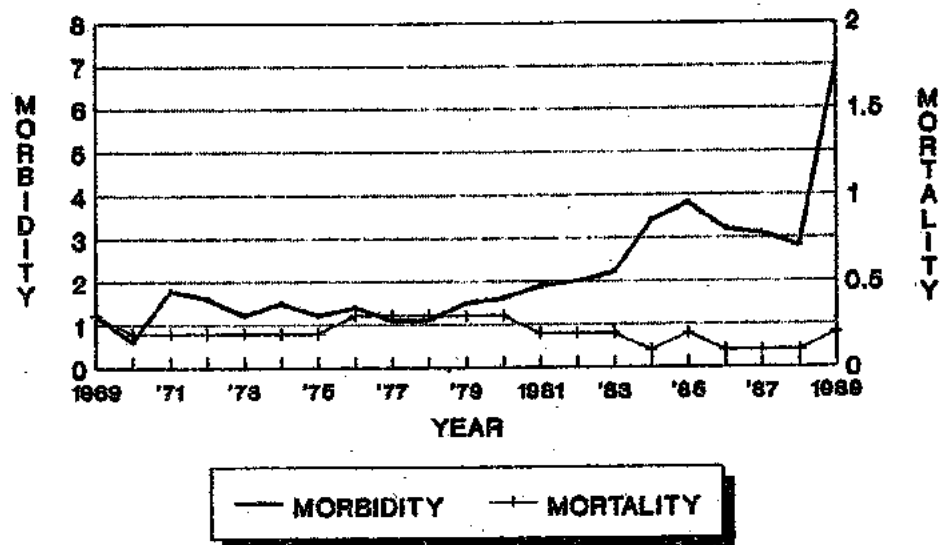


Fig. 12

LEPROSY

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



DIPHTHERIA

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

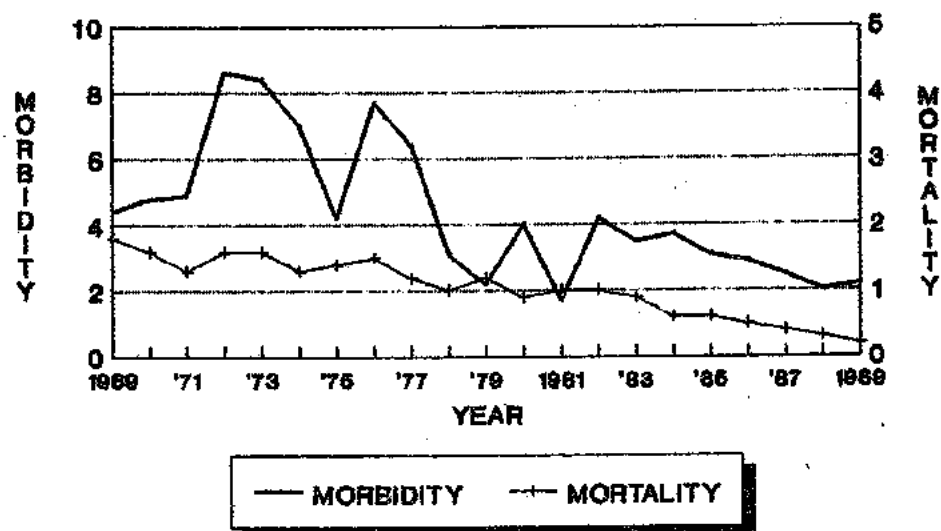
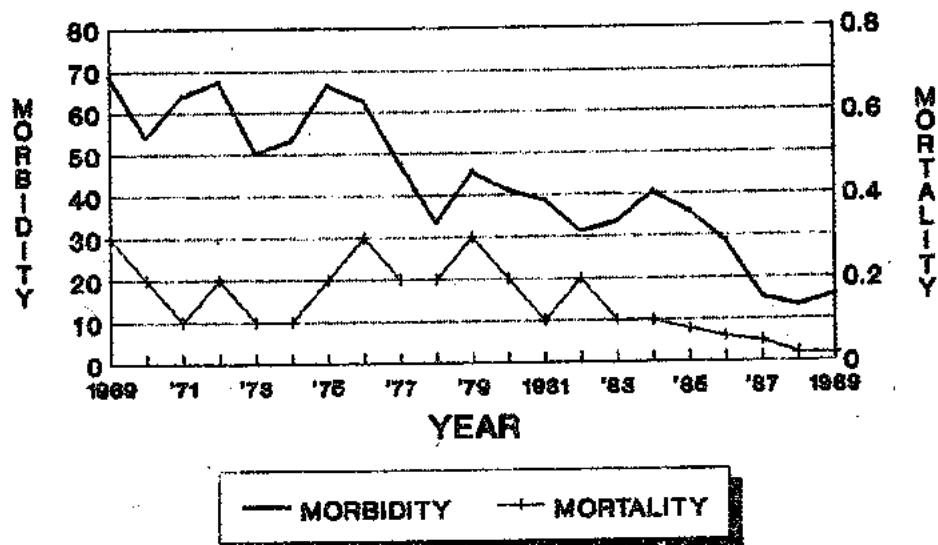


Fig. 13

WHOOPING COUGH

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



TETANUS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

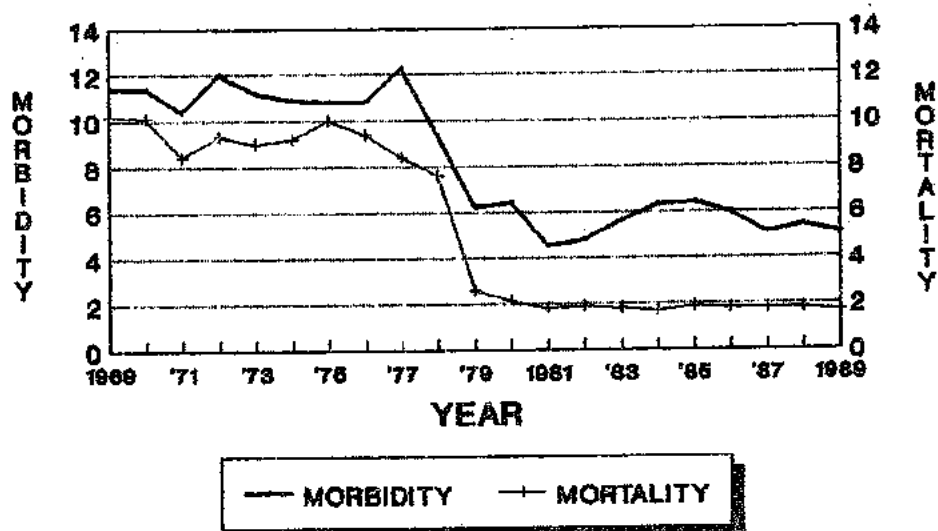
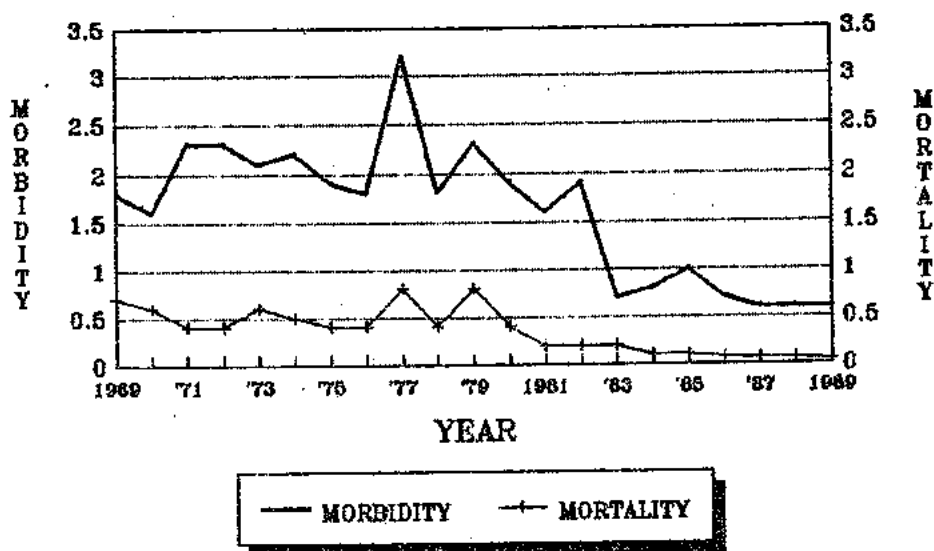


Fig. 14

ACUTE POLIOMYELITIS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



VARICELLA

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

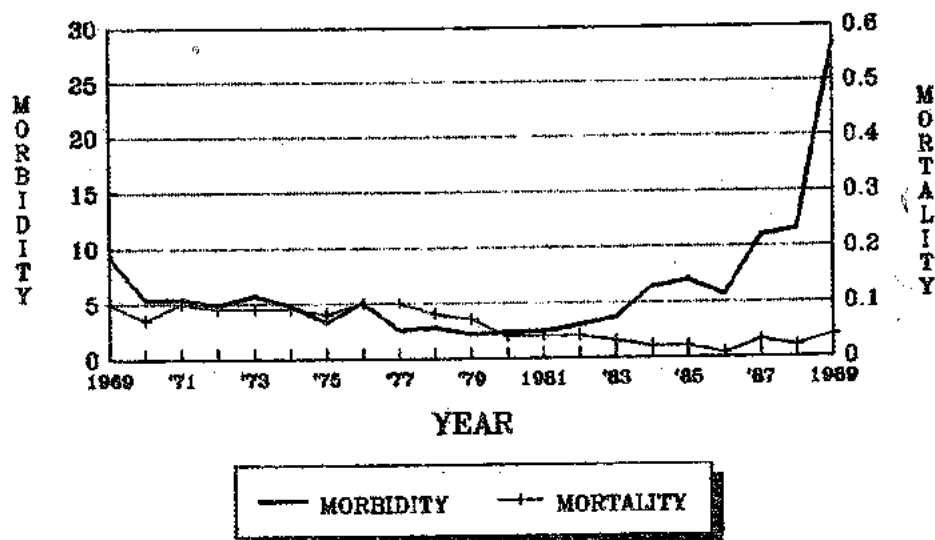
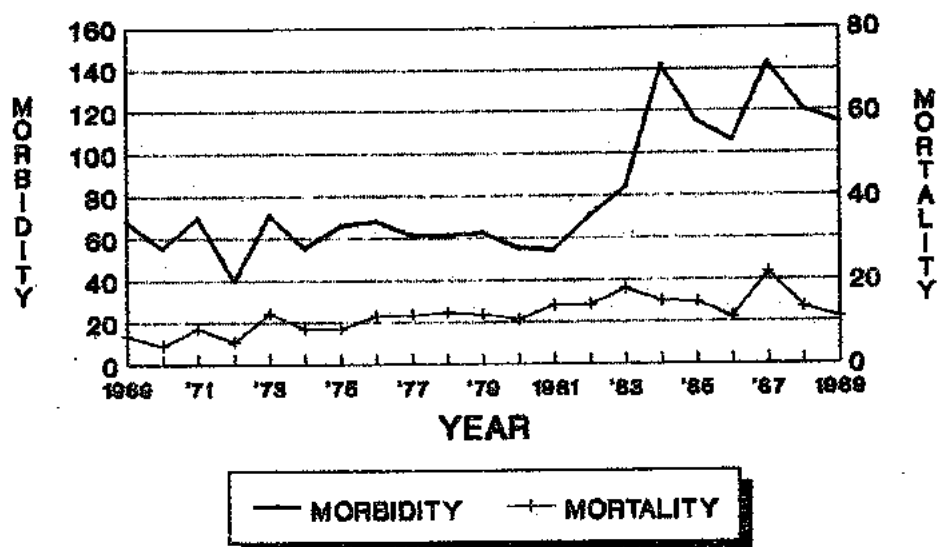


Fig. 15

MEASLES

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



H-FEVER

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

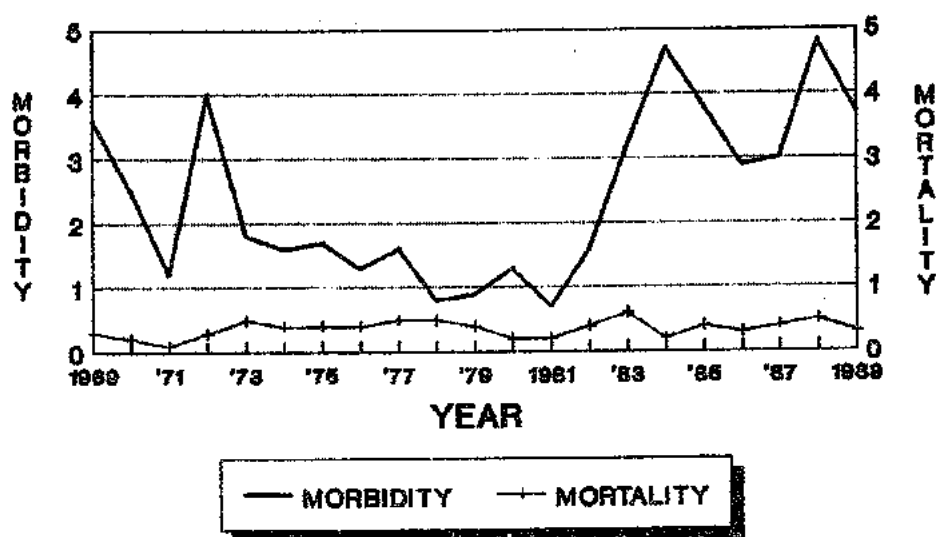
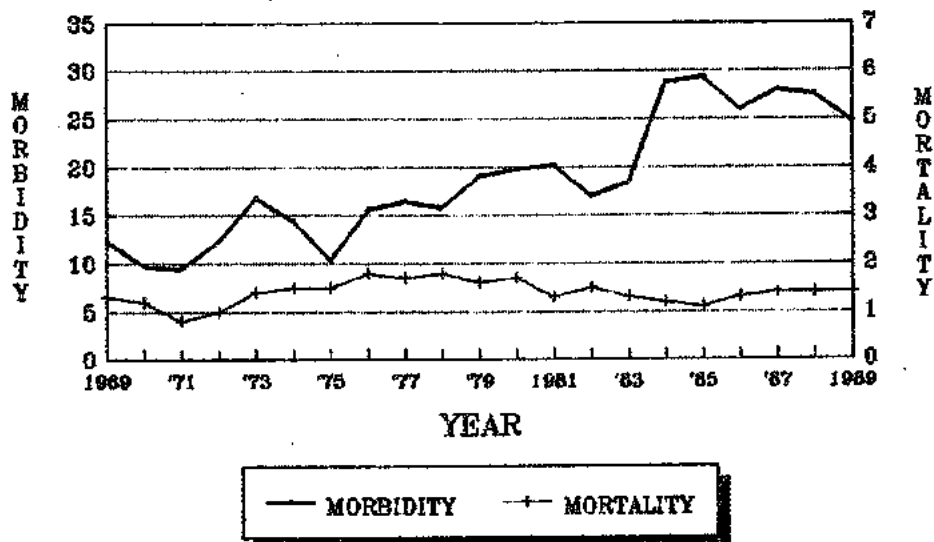


Fig. 16

INFECTIOUS HEPATITIS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



MALARIA

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

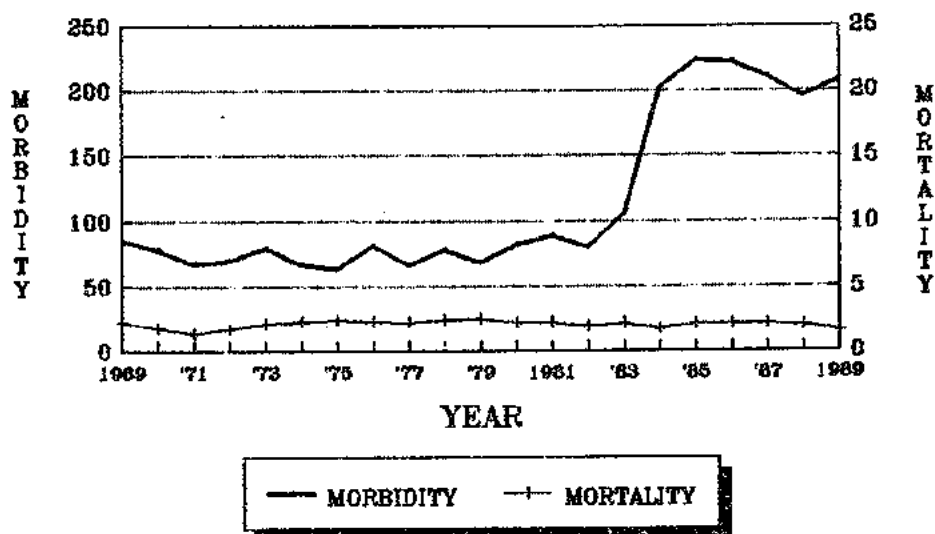
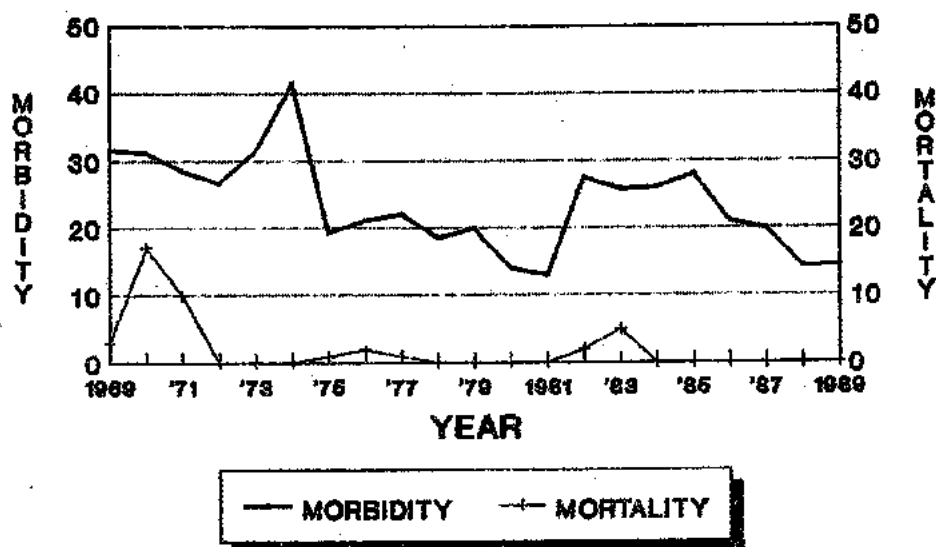


Fig. 17

GONOCOCCAL INFECTION

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



SYPHILIS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

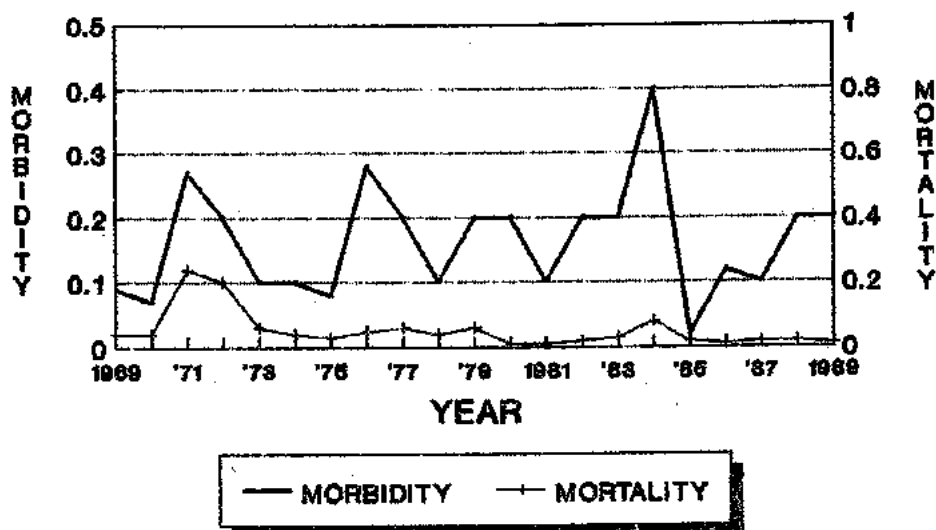
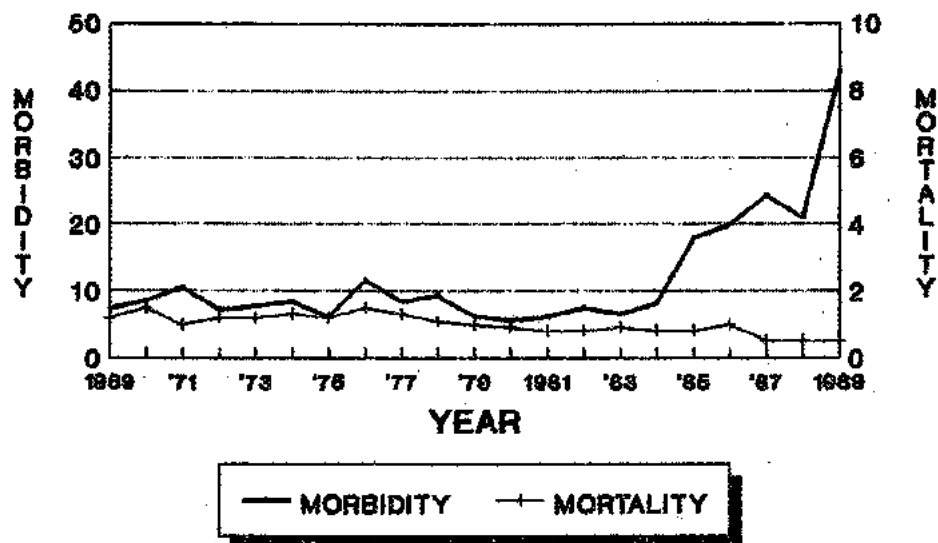


Fig. 18

SCHISTOSOMIASIS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



FILARIASIS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

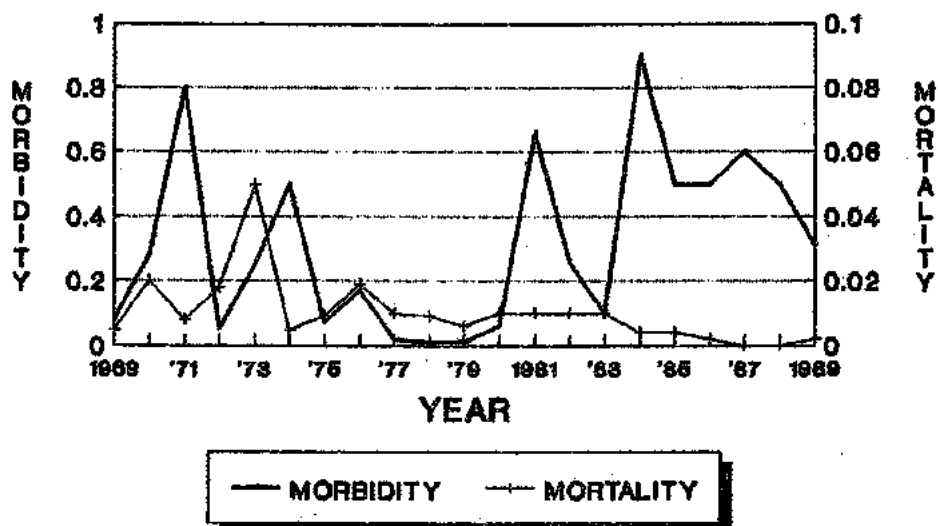
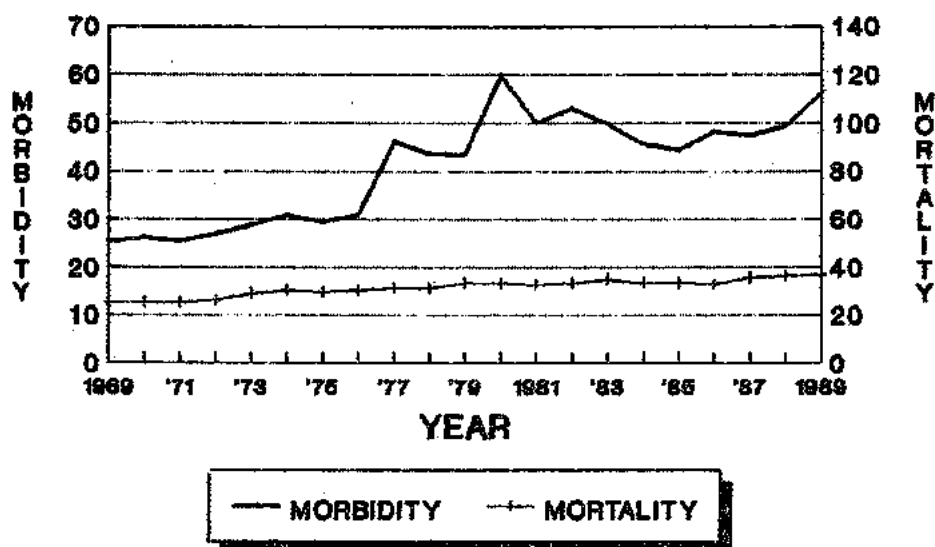


Fig. 19

MALIGNANT NEOPLASMS **MORBIDITY & MORTALITY TRENDS** Rate per 100,000 Pop., Phils., 1969-1989



BRONCHITIS **MORBIDITY & MORTALITY TRENDS** Rate per 100,000 Pop., Phils., 1968-1989

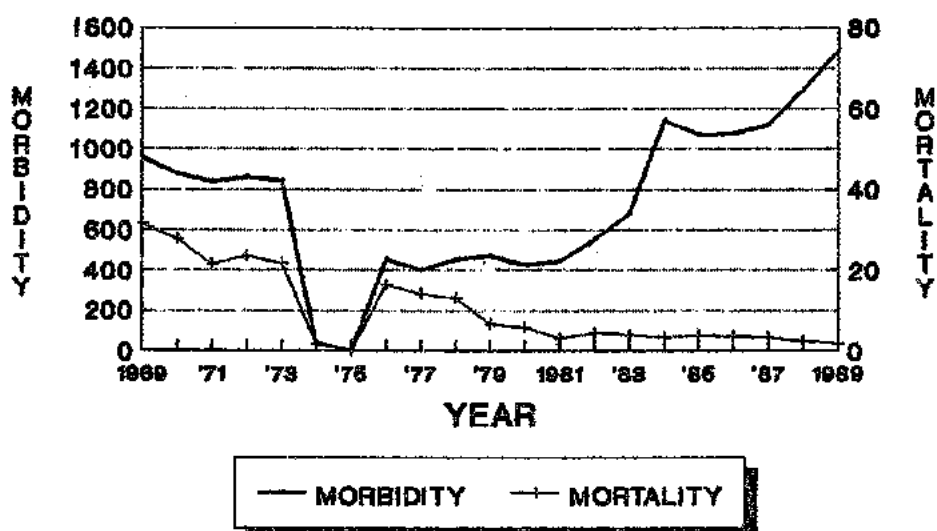
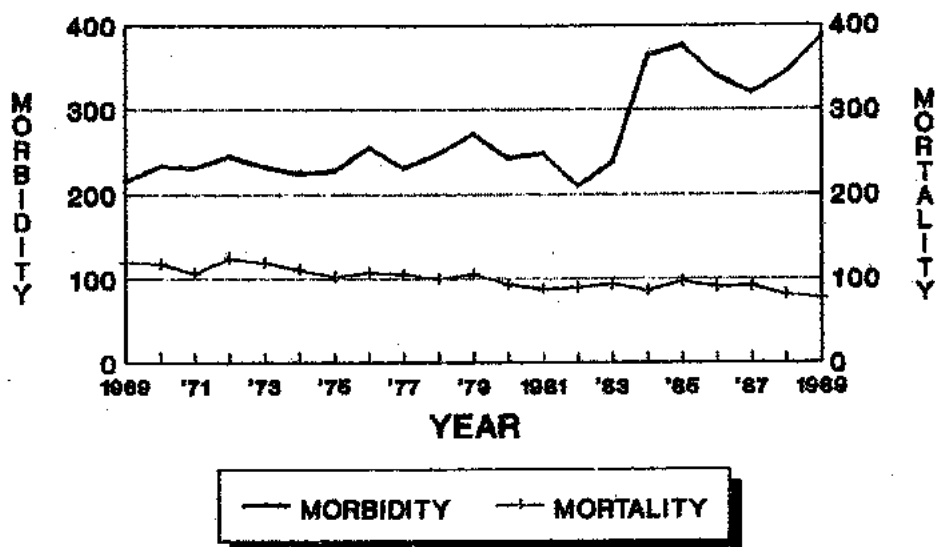


Fig. 20

PNEUMONIAS

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989



INFLUENZA

MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1969-1989

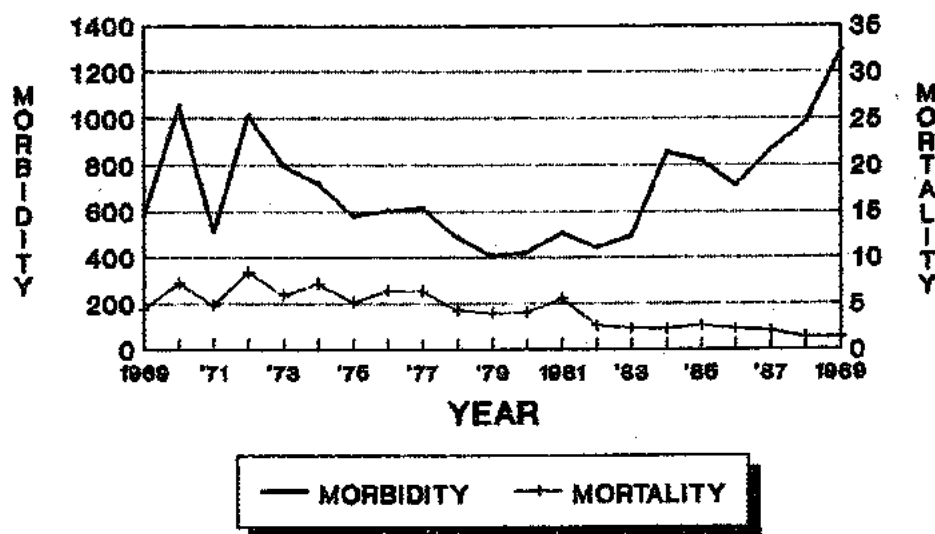


Fig. 21

MORTALITY STATISTICS

This represents statistical information based on data compiled from the death certificates submitted by the Local Civil Registrars throughout the Philippines to the office of the Civil Registrar General.

A total of 325,621 deaths were registered in 1989. This figure represents a crude death rate of 5.4 per 1,000 population which is lower than that of the previous year 1988 by 0.1 or 1.8%.

Causes of Deaths, 1979 and 1989 - The ten leading causes of deaths, in the 1989 are presented in Table 22. Collectively, they accounted for 209,726 deaths representing 64.4% of deaths from all causes. This group consists of four (4) Communicable Diseases: Pneumonias, Tuberculosis, Diarrheal Diseases and Measles; six (6) non-communicable diseases - Diseases of the Heart, Diseases of the Vascular System, Malignant Neoplasms, Accidents and Nephritis, Nephrotic Syndrome and Nephrosis and Septicemia. The first three (3) leading causes are: - Pneumonias with a rate of 77.0 per 100,000 population representing 14.2% of deaths from all causes, Diseases of the Heart with a rate of 74.6 per 100,000 population representing 13.8% of deaths from all causes and Diseases of the Vascular System with a rate of 56.1 per 100,000 population representing 10.3% of deaths from all causes. Tuberculosis, All Forms and Malignant Neoplasms ranked fourth and fifth with the rate of 43.8 and 36.5 per 100,000 population respectively, while Accidents and Diarrheal Diseases occupied the sixth and seventh positions with the rate of 19.6 and 13.5 per 100,000 population respectively. The last (3) leading causes of mortality in the group are: Measles 11.2, Nephritis, Nephrotic Syndrome and Nephrosis 8.5 and Septicemia 8.2 per 100,000 population.

The leading causes of deaths in 1979 are shown in Table 28 and Figure 28. During this year, Pneumonias was the top leading causes of death with the rate of 105.2 per 100,000 population and Diseases of the Heart ranked second with a rate of 63.3 per 100,000 population while Tuberculosis, All Forms and Diseases of the Vascular System ranked third and fourth position with rates 60.6 and 43.8 per 100,000 population respectively. The fifth, sixth and seventh positions were occupied by Diarrheas with the rate of 35.8, Malignant Neoplasms (33.2) and Accidents (24.4) per 100,000 population. The last three (3) leading causes of mortality were Avitaminoses and Other Nutritional Deficiency, Measles and Nephritis, Nephrotic Syndrome and Nephrosis representing a rate of 17.6, 12.0 and 9.9 per 100,000 population, respectively.

It is clearly noted that during the ten year period 1979 to 1989, deaths from communicable diseases particularly some of those among the leading causes showed a marked decline. Tuberculosis, All Forms death rate decreased by 16.8 per 100,000 population or 27.7%, Diarrheas dropped by 22.3 per 100,000 population or 62.3% and Pneumonias declined by 28.2 per 100,000 population or 26.8%. On the other hand, the non-communicable diseases have increased considerably. Death rate from Diseases of the Heart increased by 11.3 per 100,000 population or 17.9%; Diseases of the Vascular System and Malignant Neoplasms increased by 12.3 and 3.3 per 100,000 population or 28.1% and 9.9% respectively, while Accidents decreased by 4.8 per 100,000 population or 19.7%.

General Mortality Trend - Table 4 and Figure 4 show the trend of crude death rate for the country from 1939 to 1989. A marked decline in this rate from 16.9 per 1,000 population in 1939 to 5.4 per 1,000 population in 1989 is observed. This represents a mark declined in crude death rate of 11.5 or 68.0% over a period of 50 years. A slow and irregular decline in the rate started in 1930 and continued until the outbreak of the last world war. Data on health statistics were not available during the war years. It continued to decrease during the post war years up to the present. An all time low death rate of 5.8 was attained in 1986 followed by a slight increase to 5.9 in 1984. The crude death rate in the country for the fast five decades is characterized by the general downward trend with slight troughs from 1938 to 1940 and 1950 to 1953.

Crude Death Rate By Area - Of the thirteen health regions in the country, Region 1 registered the highest crude death rate (7.3 per 1,000 population), while Region 12 had the lowest 2.4. The highest rate among the cities was recorded in Trece Martires City (44.7) and the lowest were recorded in Marawi City (2.3). Camarines Norte topped all the provinces with the rate of 9.5 while Lanao del Sur got the lowest rate of 0.2 which is due to inadequate registration of deaths.

Mortality By Age - Table 19 shows the death from all causes by age, sex and percentage distribution. The highest percentage of death was recorded for those under 1 year 43.026 or 13.2% of all deaths while those among age group 10-14 years represented the lowest percentage (1.6%). The age specific death rate for age group 70 years and over is the highest 67.6 per 1,000 population followed by death rate for under 1 year (24.7). After a very high death rate in infancy, it decreased continuously as age increase until the minimum level of 0.8 was reached in the age group 10-14 years. After this age, the rate increased again for each successive age group until the peak was reached in the age group 70 years and over.

Mortality By Sex - In 1989, there were 192,077 male deaths and 133,544 female deaths. These figures represent 59.0% and 41.0% of all deaths respectively. The mortality rate for males was 6.4 per 1,000 male population while that of female was 4.5. The death sex ratio is 1.4 male death to 1 female death or there were 14 female deaths for every 10 male deaths.

INFANT MORTALITY

There were 43,026 deaths under 1 year of age registered in 1989. This figure represents 13.2% of all deaths. The infant mortality rate is 27.5 per 1,000 livebirths which is lower by 2.6 from that of the previous years 32.1 per 1,000 livebirths or 8.6%. The infant mortality rate has receded to an all time low for the country in 1988 (30.1).

Infant Mortality By Cause - The ten leading causes of death under 1 year are shown in Table 30. These diseases caused 27,733 infant deaths representing 64.4% of the total infant mortality and 8.5% of the total deaths. Pneumonias, as in the past years, caused the most number of deaths 11,173 represents a rate of 7.1 per 1,000 livebirths and 26.0% of all infant deaths. Respiratory Condition of Fetus and Newborn occupied the second position which caused 6,278 deaths with a rate of 4.0, which represents 14.6% of all infant deaths, while Diarrheal Diseases ranked third with a rate of 1.4 per 1,000 livebirths. The fourth and fifth leading causes were Congenital Anomalies and Avitaminoses and Other Nutritional Deficiency with a rate of 1.3 and 0.9 respectively. Measles and Birth Injury and Difficult Labor occupied the sixth and seventh positions with a rate of 0.8. The last three (3) leading causes were Septicemia (0.8), Meningitis (0.4) and Acute Bronchitis and Bronchiolitis (0.3).

Trend of Infant Mortality - The number and rate of infant deaths from 1939 to 1989 are shown in Table 4. The infant mortality rate in 1939 which was 146.2 per 1,000 livebirths dropped to 27.5 in 1989. This represents a marked decline of 118.7 or 81.2% over a period of 50 years. There were generally a slight yearly decrease in the rates from 1939 to 1989 interrupted by slight increase in 1939 which explains the irregular curve with a marked declining trend. No data were available for the war years (1941-1945) however, the lowest pre-war rate recorded was in 1936, reaching its all time low in 1988 (30.1) and in 1989 (27.5).

Infant Mortality By Area - Infant mortality rates for different health regions, provinces and cities all over the country are presented in Table 5. Region 8 had the highest rate of 34.9 per 1,000 livebirths while C.A.R. had the lowest (16.8). Of the provinces, Sulu registered the highest infant death rate of 74.6 while Lanao del Sur reported the lowest rate of 3.8 per 1,000 livebirths which maybe due to incomplete registration. Of the

cities, Cotabato City topped the group with a rate of 76.6 per 1,000 livebirths while Palayan City had the lowest rate (12.8) per 1,000 livebirths.

Infant Mortality By Age - Of the total 43,026 infant deaths registered in 1989, 19,848 deaths were under 28 days (neonatal deaths) with a rate of 12.7 per 1,000 livebirths and 23,178 were 28 days to under 1 year (post-neonatal deaths) with a rate of 14.8 per 1,000 livebirths. These represents 46.1% and 53.9% of the total infant deaths respectively. Deaths in the age group 0-6 days (Early Neonatal) totalled 15,047 representing 75.8% of all neonatal deaths while in the age 21-27 days recorded the least 901 deaths representing 4.5% of all neonatal deaths.

Of the post-neonatal deaths, those of age 28-59 days comprised the highest percentage 9.2% of the total infant deaths and 1.2% of the total mortality. The lowest percentage was recorded in the age 10 months with 3.5% of the total infant deaths.

Infant Death By Sex - There were more male deaths under 1 year of age than females. The rate for male was 28.0 per 1,000 population while that of the female was 21.3. The infant death sex ratio was 1.3 male death for every 1 female death or 10 male deaths for every 13 female deaths.

C. MATERNAL MORTALITY

In 1989, there were 1,579 maternal deaths registered with a rate of 1.0 per 1,000 livebirths. This represents 0.5% of the deaths from all causes. This rate is slightly lower than that of the previous year (1.1).

Maternal Mortality By Cause - Hemorrhages consisting of Post-partum Hemorrhage and Hemorrhages related to pregnancy is the major causes of maternal deaths with the combined rates of 0.4 per 1,000 livebirths representing 33.7% of all maternal deaths. Normal Delivery and other complication related to pregnancy occurring in the cause of labor delivery and puerperium registered a rate of 0.3 per 1,000 livebirths and caused 25.4% of all maternal deaths.

Trend of Maternal Mortality - A significant decline in the maternal mortality rate from 1939 to 1989 is shown in Table 4. The 1939 rate was not available at that time. In 1940 the rate was 6.3 per 1,000 livebirths and went down as low as 4.2 in 1947. The declining trend continued after the war up to 1986 interrupted only by slight increases. The lowest so far recorded was in 1984 (0.9).

Maternal Mortality By Region - Table 5 presents the data on maternal mortality by health region and their corresponding rates (per 1,000 livebirths). Region 5 and Region 8 registered the highest maternal mortality rate of 1.8 while the lowest was recorded in National Capital Region (0.6). Of the provinces, Tawi-Tawi caused the highest rate of 5.2 while Ilocos Sur and Misamis Occidental had the lowest rate of 0.3 per 1,000 livebirths.

D. FETAL DEATHS

There were 11,423 deaths registered in 1989, representing a fetal death rate of 7.3 per 1,000 livebirths. This figure represents an increase of 7.4% over that of 1988.

Different causes of fetal deaths in the country are shown in Table 33. The first three leading causes are the following: Fetus affected by complications of placenta, cord and membranes (1.6) per 1,000 livebirths; Disorders relating to short gestation and unspecified low birth weight (0.9) per 1,000 livebirths and Intrauterine hypoxia had birth asphyxia (0.5) per 1,000 livebirths.

National Capital Region had the highest number of registered fetal deaths, 2,601 or 22.8% of all fetal mortality while C.A.R. reported the least (118 or 1.0%). The highest regional fetal death rate recorded was in Region 4 (10.4) per 1,000 livebirths and the lowest were those of Region 12 with a rate of 4.1.

Fetal deaths that were medically attended totalled 6,614 (57.9%) broken down as follows: by physicians 5,791 or 50.7%, by nurse 104 or 0.9% and by midwife 719 or 6.3% of the total fetal deaths. A total of 4,809 or 42.1% deaths was not given medical attendance.

Table 37 shows that the highest fetal death rate was observed in the age group 45 years and over, (135.0) per 1,000 livebirths followed by age-group below 15 years with a rate of 39.1 per 1,000 livebirths. Age group 25-29 years had the lowest fetal death rate of 5.7 per 1,000 livebirths. A high fetal death risk was recorded in the first birth order category - 2,169 or 19.0% of the total fetal mortality as shown in Table 37. Majority of those deaths were among fetusses with low birth weight as shown in Table 34 (2,000 grams and below) which comprised a total of 2,038 deaths or 17.8%.

TABLE 19

MORTALITY: ALL CAUSES BY AGE & SEX
No. & Rate/1,000 Pop. & Percentage Distribution
PHILIPPINES
1989

AGE	MALE		FEMALE		TOTAL		
	Number	Rate	Number	Rate	Number	Rate	%
ALL AGES.....	192077	6.4	133544	4.5	325621	5.4	100.0
Under 1 year.....	24952	28.0	18074	21.3	43026	24.7	13.2
1 - 4 yrs.....	16071	4.7	14002	4.3	30073	4.5	9.2
5 - 9 yrs.....	5562	1.4	4418	1.2	9980	1.3	3.1
10 - 14 yrs.....	3114	0.8	2382	0.7	5496	0.8	1.6
15 - 19 yrs.....	4752	1.4	2591	0.8	7343	1.1	2.3
20 - 24 yrs.....	7257	2.5	3060	1.1	10317	1.8	3.2
25 - 29 yrs.....	7961	3.3	3300	1.3	11261	2.2	3.5
30 - 34 yrs.....	7509	3.6	3390	1.5	10899	2.5	3.3
35 - 39 yrs.....	8073	4.5	3764	2.1	11837	3.3	3.6
40 - 44 yrs.....	7737	5.5	3554	2.6	11291	4.1	3.5
45 - 49 yrs.....	8728	7.7	4229	3.8	12957	5.8	4.0
50 - 54 yrs.....	10191	12.2	5367	5.8	15558	8.9	4.8
55 - 59 yrs.....	10654	14.9	5555	8.2	16209	11.6	5.0
60 - 64 yrs.....	11882	22.3	6962	11.2	18844	16.4	5.8
65 - 69 yrs.....	12165	29.5	8281	16.6	20446	22.4	6.3
70 yrs. & Over.....	45453	69.6	44611	65.7	90064	67.6	27.6
Not Stated.....	16	-	4	-	20	-	0.006

MORTALITY: ALL CAUSES BY AGE

Rate per 1,000 Population

PHILIPPINES, 1989

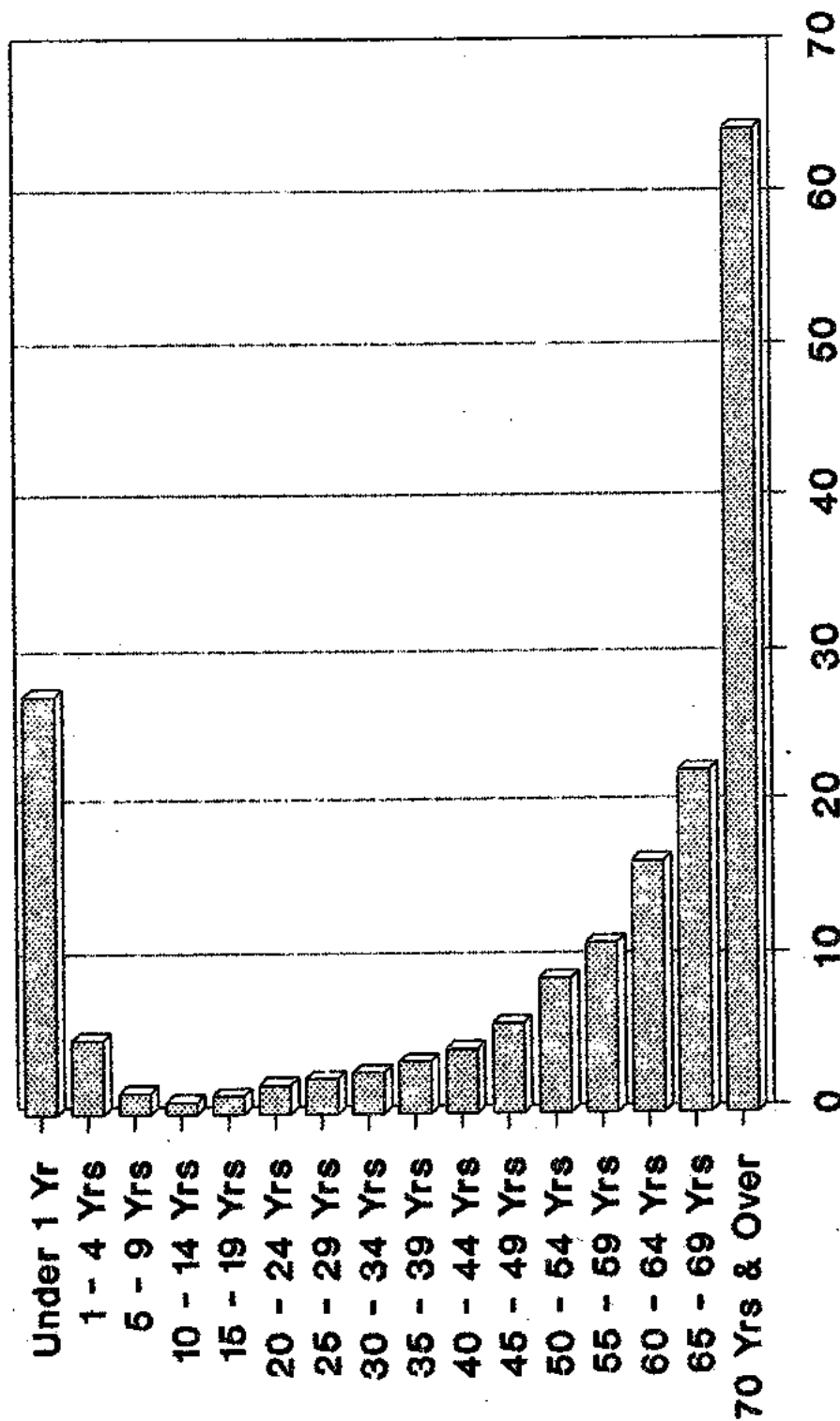


Fig. 22

TABLE 20

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MORTALITY: ALL CAUSES BY SEX & HEALTH REGION
No. & Rate/1,000 Pop. & Percentage Distribution
PHILIPPINES
1989

A R E A	NUMBER OF DEATHS			Rate	% OF TOTAL DEATHS
	MALE	FEMALE	BOTH SEXES		
PHILIPPINES.....	192077	133544	325621	5.4	100.0
NAT. CAP. REGION.....	29954	20477	50431	6.5	15.5
C.A.R.....	2594	1669	4263	3.7	1.3
REGION 1.....	14024	11088	25112	7.3	7.7
REGION 2.....	7878	5276	13154	5.5	4.0
REGION 3.....	18351	19379	31730	5.3	9.7
REGION 4.....	27688	19370	47058	6.0	14.5
REGION 5.....	14759	10880	25639	6.0	7.9
REGION 6.....	19803	13063	32866	5.9	10.1
REGION 7.....	15477	11903	27380	6.0	8.4
REGION 8.....	10327	7420	17747	5.4	5.5
REGION 9.....	6276	3722	9998	3.2	3.1
REGION 10.....	9553	6067	15620	4.4	4.8
REGION 11.....	10951	6662	17613	4.1	5.4
REGION 12.....	4442	2568	7010	2.4	2.1

MORTALITY: ALL CAUSES BY HEALTH REGION PERCENTAGE DISTRIBUTION PHILIPPINES, 1989

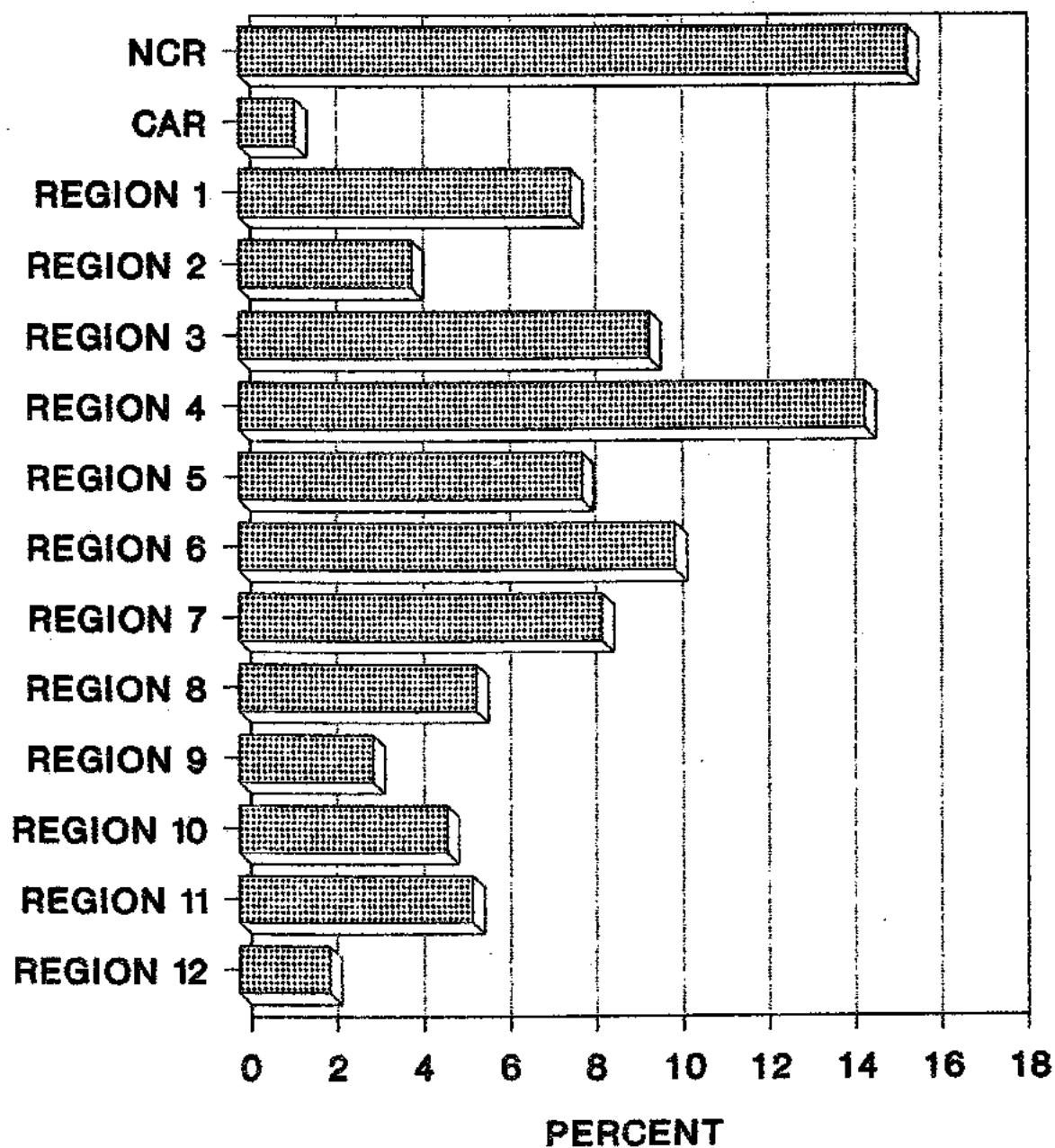


Fig. 23

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1989

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A G E GROUP	NATIONAL CAPITAL REGION (METRO MANILA)			
	M A L E	FEMALE	BOTH SEXES	PERCENT
ALL AGES.....	29954	20477	50431	100.0
Under 1 year.....	4629	3327	7956	15.8
1 - 4 yrs.....	2229	2035	4264	8.5
5 - 9 yrs.....	621	517	1138	2.3
10 - 14 yrs.....	353	273	626	1.2
15 - 19 yrs.....	645	374	1019	2.0
20 - 24 yrs.....	1298	530	1828	3.6
25 - 29 yrs.....	1419	584	2003	4.0
30 - 34 yrs.....	1241	591	1832	3.6
35 - 39 yrs.....	1361	604	1965	3.9
40 - 44 yrs.....	1317	632	1949	3.9
45 - 49 yrs.....	1381	767	2148	4.3
50 - 54 yrs.....	1742	903	2645	5.2
55 - 59 yrs.....	1873	957	2830	5.6
60 - 64 yrs.....	1989	1165	3154	6.3
65 - 69 yrs.....	1949	1359	3308	6.5
70 yrs. & Over.....	5907	5859	11766	23.3
Not Stated.....	0	0	0	-

A G E GROUP	CORDILLERA AUTONOMOUS REGION (C.A.R.)			
	M A L E	FEMALE	BOTH SEXES	PERCENT
ALL AGES.....	2594	1669	4263	100.0
Under 1 year.....	270	220	490	11.5
1 - 4 yrs.....	142	149	289	6.7
5 - 9 yrs.....	64	40	104	2.4
10 - 14 yrs.....	39	26	65	1.5
15 - 19 yrs.....	75	46	121	2.8
20 - 24 yrs.....	171	42	213	5.0
25 - 29 yrs.....	150	47	197	4.6
30 - 34 yrs.....	131	42	173	4.1
35 - 39 yrs.....	114	42	156	3.7
40 - 44 yrs.....	116	47	163	3.8
45 - 49 yrs.....	126	53	179	4.2
50 - 54 yrs.....	141	63	204	4.8
55 - 59 yrs.....	153	88	241	5.7
60 - 64 yrs.....	189	98	287	6.7
65 - 69 yrs.....	169	124	293	6.9
70 yrs. & Over.....	544	548	1092	25.6
Not Stated.....	0	0	0	-

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1989

AGE GROUP	REGION 1 ILOCOS NORTE				REGION 2 CAGAYAN VALLEY			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES.....	14024	11088	25112	100.0	7878	5276	13154	100.0
Under 1 year.....	1768	1287	3055	12.2	1252	880	2132	16.2
1 - 4 yrs.....	883	778	1661	6.6	634	548	1182	9.0
5 - 9 yrs.....	313	251	564	2.2	232	146	378	2.9
10 - 14 yrs.....	216	153	369	1.5	146	108	254	1.9
15 - 19 yrs.....	278	166	444	1.8	202	123	325	2.5
20 - 24 yrs.....	392	194	586	2.3	276	137	413	3.1
25 - 29 yrs.....	413	182	595	2.4	318	131	449	3.4
30 - 34 yrs.....	427	208	635	2.5	295	128	423	3.2
35 - 39 yrs.....	522	256	778	3.1	358	146	504	3.8
40 - 44 yrs.....	569	256	825	3.3	316	132	448	3.4
45 - 49 yrs.....	586	273	859	3.4	341	152	493	3.7
50 - 54 yrs.....	630	381	1011	4.0	425	228	653	5.0
55 - 59 yrs.....	697	383	1080	4.3	391	238	629	4.8
60 - 64 yrs.....	862	489	1351	5.4	487	237	724	5.6
65 - 69 yrs.....	1058	653	1711	6.8	475	295	770	5.9
70 yrs. & Over..	4409	5178	9587	38.2	1727	1647	3374	25.6
Not Stated.....	1	0	1	0.04	3	0	3	0.02

TABLE 21

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MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1989

A G E GROUP	REGION 3 CENTRAL LUZON				REGION 4 SOUTHERN TAGALOG			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES.....	18351	13379	31730	100.0	27688	19370	47058	100.0
Under 1 year....	2218	1636	3854	12.1	3586	2663	6249	13.3
1 - 4 yrs.....	1126	958	2084	6.6	2586	2248	4834	10.3
5 - 9 yrs.....	449	366	815	2.6	855	692	1547	3.3
10 - 14 yrs.....	258	212	470	1.5	449	343	792	1.7
15 - 19 yrs.....	434	213	647	2.0	612	408	1020	2.2
20 - 24 yrs.....	646	281	927	2.9	996	425	1421	3.0
25 - 29 yrs.....	673	353	1026	3.3	1090	453	1543	3.2
30 - 34 yrs.....	693	332	1025	3.2	1091	511	1602	3.4
35 - 39 yrs.....	748	374	1122	3.5	1165	557	1722	3.6
40 - 44 yrs.....	715	373	1088	3.4	1123	516	1639	3.5
45 - 49 yrs.....	832	489	1321	4.2	1244	538	1782	3.8
50 - 54 yrs.....	988	596	1584	5.0	1468	712	2180	4.6
55 - 59 yrs.....	1123	598	1721	5.4	1553	753	2306	4.9
60 - 64 yrs.....	1219	738	1957	6.2	1712	888	2600	5.5
65 - 69 yrs.....	1266	876	2142	6.8	1745	1197	2942	6.3
70 yrs. & Over..	4962	4983	9945	31.3	6412	6466	12878	27.4
Not Stated.....	1	1	2	0.006	1	0	1	0.002

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1989

A G E GROUP	REGION 5 BICOL REGION				REGION 6 WESTERN VISAYAS			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES.....	14759	10880	25639	100.0	19803	13063	32866	100.0
Under 1 year.....	1913	1417	3330	13.0	2195	1521	3716	11.3
1 - 4 yrs.....	1946	1829	3769	14.7	1513	1191	2704	8.2
5 - 9 yrs.....	589	501	1090	4.3	577	459	1036	3.2
10 - 14 yrs.....	288	240	528	2.0	295	213	508	1.5
15 - 19 yrs.....	372	249	620	2.4	511	199	710	2.2
20 - 24 yrs.....	467	241	708	2.8	736	244	980	3.0
25 - 29 yrs.....	469	284	753	2.9	784	271	1055	3.2
30 - 34 yrs.....	435	259	694	2.7	838	307	1145	3.5
35 - 39 yrs.....	461	271	732	2.9	848	374	1222	3.7
40 - 44 yrs.....	501	231	732	2.9	794	311	1105	3.4
45 - 49 yrs.....	596	287	883	3.4	989	419	1408	4.3
50 - 54 yrs.....	685	352	1037	4.0	1095	532	1627	5.0
55 - 59 yrs.....	671	339	1010	3.9	1069	588	1657	5.0
60 - 64 yrs.....	872	461	1333	5.2	1134	687	1821	5.5
65 - 69 yrs.....	886	514	1400	5.5	1246	989	2135	6.5
70 yrs. & Over....	3605	3410	7015	27.4	5174	4858	10032	30.5
Not Stated.....	3	2	5	0.02	5	0	5	0.02

TABLE 21

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MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1989

A G E GROUP	REGION 7 CENTRAL VISAYAS				REGION 8 EASTERN VISAYAS			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES.....	15477	11903	27380	100.0	10327	7420	17747	100.0
Under 1 year.....	2072	1494	3566	13.0	1139	799	1938	10.9
1 - 4 yrs.....	1382	1151	2533	9.3	1075	922	1997	11.3
5 - 9 yrs.....	429	345	774	2.8	430	357	787	4.4
10 - 14 yrs.....	238	183	421	1.5	206	156	362	2.0
15 - 19 yrs.....	373	210	583	2.1	271	136	407	2.3
20 - 24 yrs.....	470	216	686	2.5	321	173	494	2.8
25 - 29 yrs.....	505	245	750	2.7	424	169	593	3.3
30 - 34 yrs.....	516	267	783	2.9	366	164	530	3.0
35 - 39 yrs.....	557	300	857	3.1	382	194	576	3.2
40 - 44 yrs.....	531	336	867	3.2	371	174	545	3.1
45 - 49 yrs.....	674	338	1012	3.7	463	228	691	3.9
50 - 54 yrs.....	744	485	1229	4.5	514	288	802	4.5
55 - 59 yrs.....	827	520	1347	4.9	529	285	814	4.6
60 - 64 yrs.....	939	667	1606	5.9	632	454	1086	6.2
65 - 69 yrs.....	956	757	1713	6.3	680	497	1177	6.6
70 yrs. & Over..	4264	4389	8653	31.6	2523	2424	4947	27.9
Not Stated.....	0	0	0	-	1	0	1	0.006

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1989

A G E G R O U P	REGION 9 WESTERN MINDANAO				REGION 10 NORTHERN MINDANAO			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES.....	6276	3722	9998	100.0	9553	6067	15620	100.0
Under 1 year.....	846	647	1493	14.9	1325	902	2227	14.3
1 - 4 yrs.....	507	490	997	10.0	696	586	1282	8.2
5 - 9 yrs.....	176	153	329	3.3	339	246	585	3.7
10 - 14 yrs.....	131	101	232	2.3	191	136	327	2.1
15 - 19 yrs.....	191	96	287	2.9	322	137	459	3.0
20 - 24 yrs.....	320	99	419	4.2	434	194	628	4.0
25 - 29 yrs.....	376	117	493	4.9	486	181	667	4.3
30 - 34 yrs.....	339	108	447	4.5	366	172	538	3.4
35 - 39 yrs.....	350	129	479	4.8	439	184	623	4.0
40 - 44 yrs.....	281	113	394	3.9	381	149	530	3.4
45 - 49 yrs.....	309	131	440	4.4	402	209	611	3.9
50 - 54 yrs.....	328	135	463	4.6	529	290	819	5.2
55 - 59 yrs.....	362	158	520	5.2	542	261	803	5.1
60 - 64 yrs.....	350	189	539	5.4	576	352	928	6.0
65 - 69 yrs.....	330	191	521	5.2	543	374	917	5.9
70 yrs. & Over....	1080	865	1945	19.5	1981	1693	3674	23.5
Not Stated.....	0	0	0	-	1	1	2	0.01

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1989

AGE GROUP	REGION 11 SOUTHERN MINDANAO				REGION 12 CENTRAL MINDANAO			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES.....	10951	6662	17613	100.0	4442	2568	7010	100.0
Under 1 year.....	1217	881	2098	11.9	522	400	922	13.2
1 - 4 yrs.....	944	783	1727	9.8	408	346	754	10.8
5 - 9 yrs.....	350	247	597	3.4	138	98	236	3.4
10 - 14 yrs.....	223	175	398	2.3	81	63	144	2.1
15 - 19 yrs.....	332	173	505	2.9	134	62	196	2.8
20 - 24 yrs.....	502	210	712	4.0	228	74	302	4.3
25 - 29 yrs.....	609	203	812	4.6	245	80	325	4.6
30 - 34 yrs.....	514	215	729	4.1	257	86	343	4.9
35 - 39 yrs.....	511	256	767	4.4	257	77	334	4.8
40 - 44 yrs.....	494	220	714	4.0	228	64	292	4.2
45 - 49 yrs.....	552	254	806	4.6	233	91	324	4.5
50 - 54 yrs.....	646	300	946	5.4	256	102	358	5.1
55 - 59 yrs.....	638	278	916	5.2	226	109	335	4.8
60 - 64 yrs.....	649	384	1033	5.9	272	153	425	6.0
65 - 69 yrs.....	620	405	1025	5.8	242	150	392	5.6
70 yrs. & Over....	2150	1678	3828	21.7	715	613	1328	18.9
Not Stated.....	0	0	0	-	0	0	0	-

TABLE 22

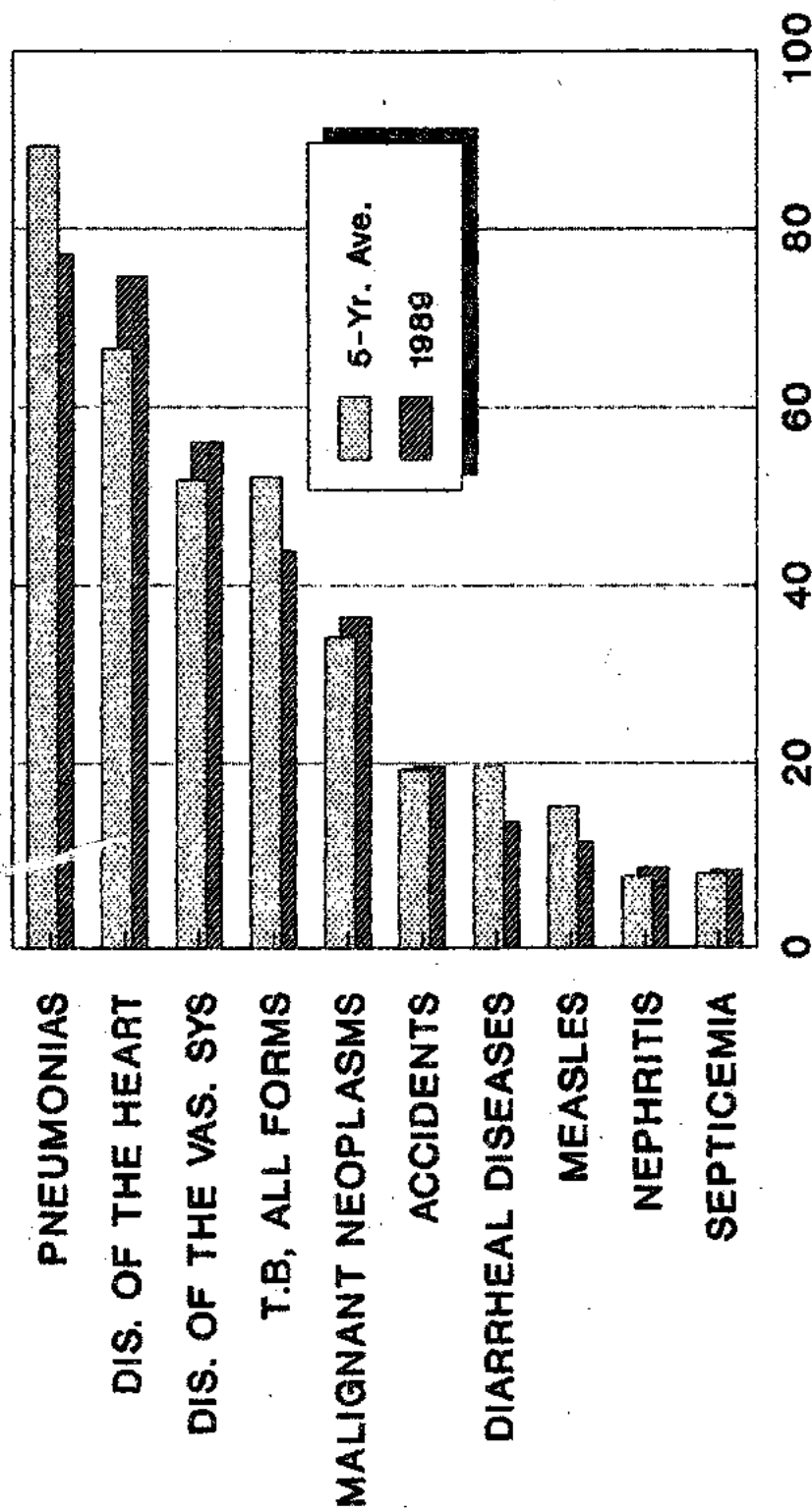
170

MORTALITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
5-YEAR AVERAGE (1984-1988) & 1989

C A U S E	5-Year Average (1984-1988)			1 9 8 9		
	NUMBER	RATE	% OF TOTAL DEATHS	NUMBER	RATE	% OF TOTAL DEATHS
1. PNEUMONIAS.....(480-486)	49925	89.2	15.3	46268	77.0	14.2
2. DISEASES OF THE HEART.... 390-398; 402-404; 410-429)	37232	66.5	11.4	44856	74.6	13.8
3. DISEASES OF THE VASCULAR SYSTEM.....(401; 403; 405; 430-438; 440-448; 451-459)	29020	51.8	8.9	33694	56.1	10.3
4. TUBERCULOSIS, ALL FORMS...(010-018; 137)	29194	52.1	8.9	26300	43.8	8.1
5. MALIGNANT NEOPLASMS.....(140-239)	19158	34.2	5.9	21933	36.5	6.7
6. ACCIDENTS.....(800-999; E800-E949)	10790	19.3	3.3	11753	19.6	3.6
7. DIARRHEAL DISEASES.....(001-009)	11002	19.7	3.4	8126	13.5	2.5
8. MEASLES.....(055)	8497	15.2	2.6	6734	11.2	2.1
9. NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS...(580-589)	4260	7.6	1.3	5110	8.5	1.6
10. SEPTICEMIA.....(038)	4402	7.9	1.3	4952	8.2	1.5

MORTALITY: TEN (10) LEADING CAUSES

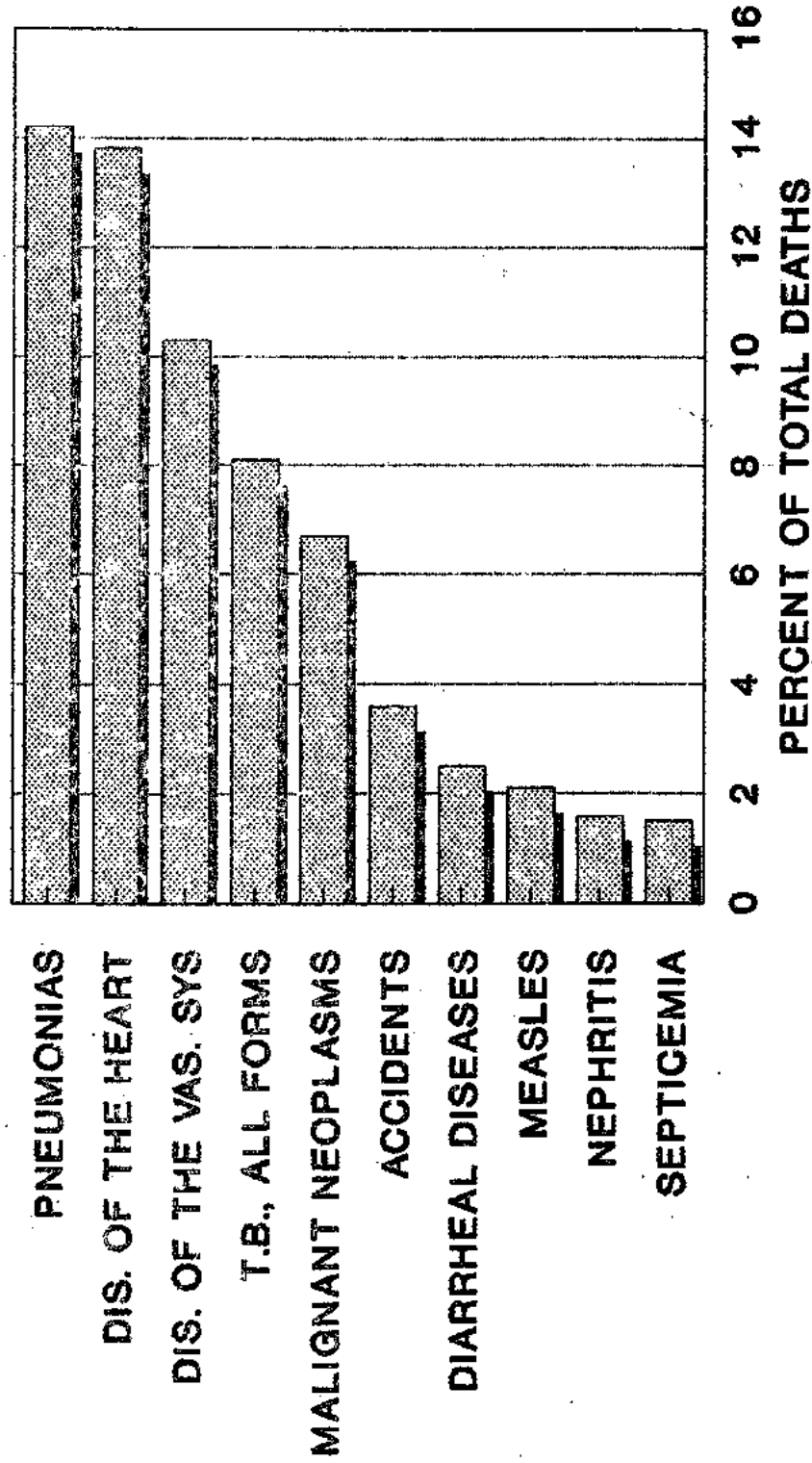
Rate per 100,000 Population
Phils., 5-Yr. Ave.(1984-1988) & 1989



Nephritis includes Nephrotic
Syndrome and Nephrosis

Fig. 24

TOTAL MORTALITY: TEN (10) LEADING CAUSES PERCENTAGE DISTRIBUTION PHILIPPINES, 1989



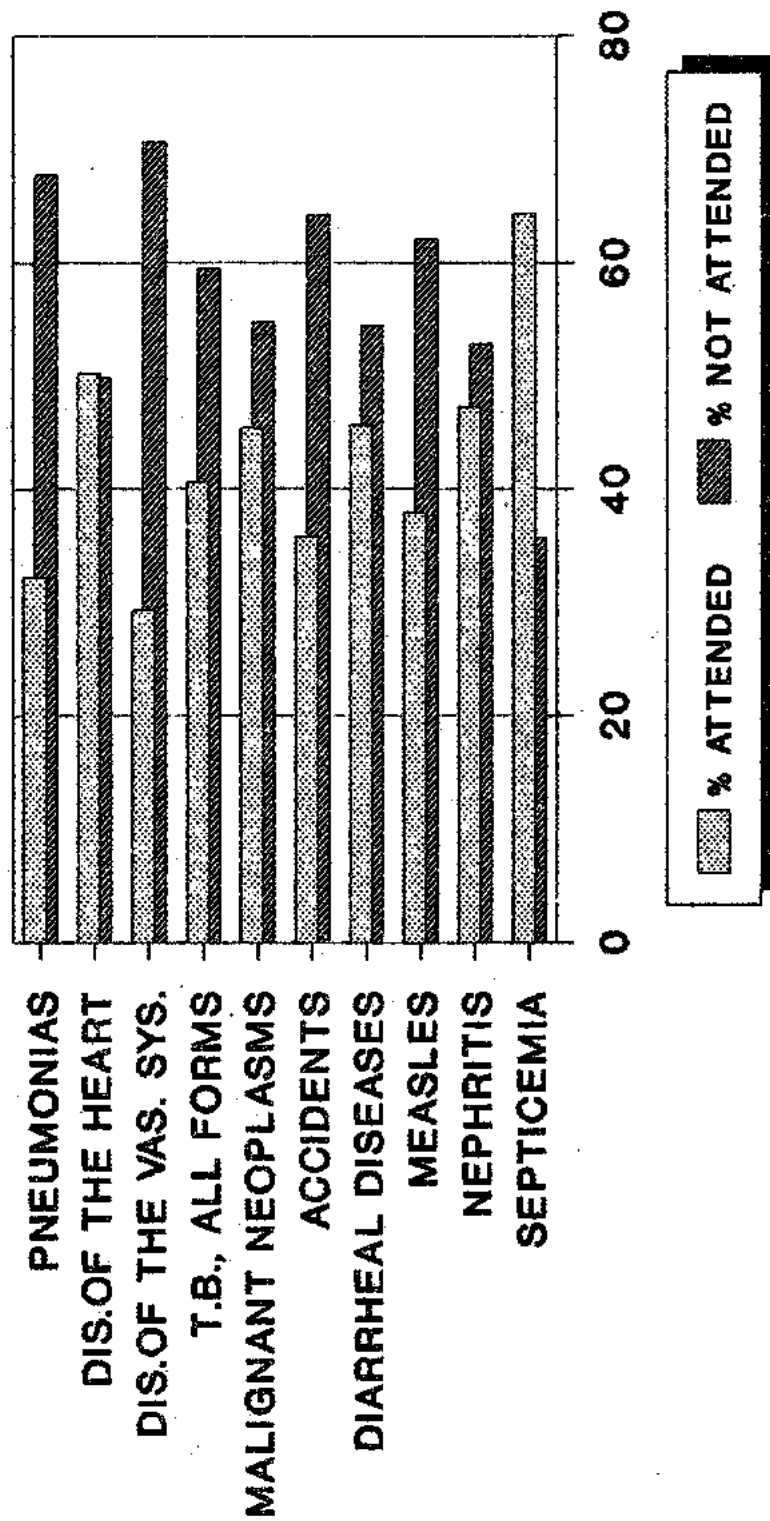
Nephritis includes Nephrotic Syndrome and Nephrosis

Fig. 26

MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE
No. & Percentage Distribution
PHILIPPINES
1989

C A U S E	TOTAL DEATHS		ATTENDANCE			
			ATTENDED		NOT ATTENDED	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
1. PNEUMONIAS.....	46268	100.0	14893	32.2	31375	67.8
2. DISEASES OF THE HEART.....	44856	100.0	22532	50.2	22324	49.8
3. DISEASES OF THE VASCULAR SYSTEM....	33694	100.0	9887	29.3	23807	70.7
4. TUBERCULOSIS, ALL FORMS.....	26300	100.0	10678	40.6	15622	59.4
5. MALIGNANT NEOPLASMS	21933	100.0	9945	45.3	11988	54.7
6. ACCIDENTS.....	11753	100.0	4203	35.8	7550	64.2
7. DIARRHEAL DISEASES.	8126	100.0	3707	45.6	4419	54.4
8. MEASLES.....	6734	100.0	2549	37.9	4185	62.1
9. NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS.....	5110	100.0	2410	47.2	2700	52.8
10. SEPTICEMIA.....	4952	100.0	3182	64.3	1770	35.7

MORTALITY: LEADING CAUSES BY ATTENDANCE PERCENT DISTRIBUTION PHILIPPINES, 1989



Nephritis includes Nephrotic Syndrome and Nephrosis

Fig. 26

TABLE 24 MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY
No. & Percentage Distribution
PHILIPPINES
1989

A R E A	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
PHILIPPINES.....	325,621	191,278	40.3	194,343	59.7
NAT. CAP. REGION.....	50,431	31,649	62.8	18,782	37.2
1ST DIST. MANILA.....	17,015	10,681	62.8	6,334	37.2
2ND DIST. MUN.....	5,964	3,746	62.8	2,218	37.2
QUEZON CITY.....	12,435	9,319	74.9	3,116	25.1
3RD DIST. MUN.....	3,249	1,404	45.7	1,765	54.3
CALOCAN CITY.....	3,764	2,008	53.9	1,756	46.7
4TH DIST. MUN.....	6,389	3,453	54.0	2,936	46.0
PASAY CITY.....	1,615	958	59.3	657	40.7
C.A.R.	4,263	1,816	42.6	2,447	57.4
ABRA.....	832	245	29.4	587	70.6
BENGUET.....	862	388	45.0	474	55.0
IFUGAO.....	337	92	27.3	245	72.7
KALINGA-APAYAO.....	577	142	24.6	435	75.4
MT. PROVINCE.....	469	235	50.1	234	49.9
BAGUIO CITY.....	1,186	714	60.2	472	39.8
REGION 1	25,112	8,478	33.8	16,634	66.2
ILOCOS NORTE.....	2,792	1,037	37.1	1,755	62.9
ILOCOS SUR.....	3,777	1,277	33.8	2,500	66.2
LA UNION.....	4,048	1,424	35.2	2,624	64.8
PANGASINAN.....	10,947	2,818	25.7	8,129	74.3
DAVUPAN CITY.....	1,938	1,174	60.6	764	39.4
LAOAG CITY.....	732	409	55.9	323	44.1
SAN CARLOS CITY.....	878	359	38.6	519	61.4
REGION 2	13,154	3,963	30.1	9,191	69.9
BATANES.....	76	45	59.2	31	40.8
CAGAYAN.....	5,531	1,682	30.4	3,849	69.6
ISABELA.....	5,711	1,661	29.1	4,050	70.9
NUEVA VIZCAYA.....	1,361	465	34.2	896	65.8
QUIRINO.....	475	110	23.2	365	76.8
REGION 3	31,730	14,453	45.5	17,277	54.5
BATAAN.....	2,267	1,077	47.5	1,190	52.5
BULACAN.....	8,431	4,336	51.4	4,095	48.6
NUEVA ECIJA.....	4,616	1,842	39.9	2,774	60.1
PAMPANGA.....	5,443	2,472	45.4	2,971	54.6
TARLAC.....	4,911	1,605	32.7	3,306	67.3
ZAMBALES.....	2,023	1,124	55.6	899	44.4

TABLE 24

MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY
No. & Percentage Distribution
PHILIPPINES
1989

A R E A	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
ANGELES CITY.....	1,286	655	50.9	631	49.1
CABANATUAN CITY.....	1,941	681	35.0	660	49.2
LOLONGAPO CITY.....	755	406	53.8	349	46.2
PALAYAN CITY.....	57	9	5.3	54	94.7
SAN JOSE CITY.....	600	252	42.0	348	58.0
REGION 4	47,058	20,028	42.6	27,030	57.4
AURORA.....	670	179	25.8	497	74.2
BATANGAS.....	5,992	2,151	35.9	3,841	64.1
CAVITE.....	4,784	2,161	45.2	2,623	54.8
LAGUNA.....	6,725	2,929	43.6	3,796	56.4
MARINUQUE.....	1,286	474	36.9	812	63.1
MINDORO OCC.....	1,112	436	39.2	676	60.8
MINDORO OR.....	3,269	1,190	36.4	2,079	63.6
PALAWAN.....	1,090	463	42.5	627	57.5
QUEZON.....	9,009	3,216	35.7	5,787	64.3
RIZAL.....	4,473	2,589	57.9	1,884	42.1
ROMBLON.....	1,450	638	44.0	812	56.0
BATANGAS CITY.....	1,401	567	40.5	834	59.5
CAVITE CITY.....	761	562	73.9	199	26.1
ILIPA CITY.....	1,098	366	33.3	732	66.7
ILUCENA CITY.....	1,612	871	54.0	741	46.0
PUERTO PRINCESA CITY.....	496	254	51.2	242	48.8
SAN PABLO CITY.....	1,350	621	46.0	729	54.0
TAGAYTAY CITY.....	77	23	29.9	54	70.1
TRECE MARTIRES CITY.....	409	344	84.1	65	15.9
REGION 5	25,639	6,844	26.7	18,795	73.3
ALBAY.....	4,983	940	18.9	4,043	81.1
CAMARINES NORTE.....	3,689	869	23.6	2,820	76.4
CAMARINES SUR.....	6,548	1,115	17.0	5,433	83.0
CATANDUANES.....	1,588	510	32.1	1,078	67.9
MASBATE.....	2,109	673	31.9	1,436	68.1
SORSOGON.....	3,806	1,295	34.0	2,511	66.0
IRIGA CITY.....	577	172	29.8	405	70.2
LEGASPI CITY.....	1,136	599	52.2	543	47.8
NAGA CITY.....	1,209	677	56.3	526	43.7
REGION 6	32,866	12,129	36.9	20,737	63.1
AKLAN.....	2,648	755	28.5	1,893	71.5
ANTIQUE.....	3,077	894	29.1	2,183	70.9
CAPIZ.....	2,452	461	18.8	1,991	81.2
ILOILO.....	7,665	2,609	34.0	5,056	66.0
NEGROS OCC.....	7,024	1,856	26.4	5,168	73.6

TABLE 24

MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY
No. & Percentage Distribution
PHILIPPINES
1983

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A R E A	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
BACOLOD CITY.....	3,361	2,072	61.6	1,289	38.4
BAGO CITY.....	566	104	18.4	462	81.6
CADIZ CITY.....	501	58	11.6	443	88.4
ILOILO CITY.....	2,927	1,961	67.0	966	33.0
LA CARLOTA CITY.....	347	131	37.8	216	62.2
LOKAS CITY.....	964	537	55.7	427	44.3
SAN CARLOS CITY.....	639	584	60.1	255	39.9
SILAY CITY.....	695	307	44.2	388	55.8
REGION 7	27,380	8,061	29.4	19,319	70.6
BOHOL.....	5,476	913	16.7	4,563	83.3
CEBU.....	8,429	1,337	15.9	7,086	84.1
NEGROS OR.....	2,384	559	23.4	1,825	76.6
SIQUIJOR.....	594	108	18.1	486	81.9
BAIS CITY.....	181	77	42.5	104	57.5
CANLARAN CITY.....	336	4	1.2	332	98.8
CEBU CITY.....	5,617	3,297	58.7	3,320	41.3
DANAO CITY.....	538	147	27.3	391	72.7
DUMAGUETE CITY.....	1,087	853	78.5	234	21.5
LAPU-LAPU CITY.....	794	94	11.8	700	88.2
MANDAWE CITY.....	808	204	25.2	604	74.8
TAGBILARAN CITY.....	587	380	64.7	207	35.3
TOLEDO CITY.....	555	88	15.9	467	84.1
REGION 8	17,747	4,638	26.1	13,109	73.9
LEYTE DEL NORTE.....	8,006	1,590	19.9	6,416	80.1
LEYTE DEL SUR.....	2,272	665	29.3	1,607	70.7
EASTERN SAMAR.....	887	315	35.5	572	64.5
NORTHERN SAMAR.....	1,955	523	26.8	1,432	73.2
WESTERN SAMAR.....	1,251	333	26.6	918	73.4
CALBAYOG CITY.....	888	203	45.9	685	77.1
ORMOG CITY.....	802	260	32.4	542	67.6
TACLOBAN CITY.....	1,686	749	44.4	937	55.6
REGION 9	9,998	4,421	44.2	5,577	55.8
BASILAN.....	550	270	49.1	280	50.9
SULU.....	592	536	90.5	56	9.5
TAWI-TAWI.....	87	49	56.3	38	43.7
ZAMB. DEL NORTE.....	1,683	480	29.5	1,202	71.5
ZAMB. DEL SUR.....	2,442	964	39.5	1,478	60.5

MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY
No. & Percentage Distribution
PHILIPPINES
1969

A R E A	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
DAPITAN CITY.....	394	184	46.7	210	53.3
DIPOLOG CITY.....	557	262	47.0	295	53.0
IPAGADIAN CITY.....	875	499	56.9	382	43.7
ZAMBOANGA CITY.....	2,819	1,183	42.0	1,636	58.0
REGION 10	15,620	4,969	31.8	10,651	68.2
LAGUSAN DEL NORTE.....	958	164	17.1	794	82.9
LAGUSAN DEL SUR.....	1,010	299	29.6	711	70.4
BUKIDNON.....	2,296	949	41.3	1,347	58.7
CAMIGUIN.....	421	137	32.5	284	67.5
MISAMIS OCC.....	1,174	126	10.7	1,048	89.3
MISAMIS OR.....	2,019	334	16.5	1,685	83.5
SURIGAO DEL NORTE.....	1,203	223	17.4	1,060	82.6
BUTUAN CITY.....	1,561	626	40.1	935	59.9
CAGAYAN DE ORO.....	2,111	968	45.9	1,143	54.1
GINGOG CITY.....	566	199	35.2	367	64.8
OROQUIETA CITY.....	442	251	56.8	191	43.2
IOZAMIS CITY.....	765	285	37.3	480	62.7
SURIGAO CITY.....	739	342	46.3	397	53.7
TANGUB CITY.....	275	66	24.0	209	76.0
REGION 11	17,613	6,707	38.1	10,906	61.9
COTABATO SOUTH.....	2,639	1,420	53.8	1,219	46.2
DAVAO ORIENTAL.....	1,166	399	34.2	767	65.8
DAVAO DEL NORTE.....	3,913	1,451	37.1	2,462	62.9
DAVAO DEL SUR.....	2,130	614	28.8	1,516	71.2
SURIGAO DEL SUR.....	2,823	801	28.4	2,022	71.6
DAVAO CITY.....	3,975	1,416	35.6	2,559	64.4
GEN. SANTOS CITY.....	1,467	606	41.3	861	58.7
REGION 12	7,010	3,122	44.5	3,888	55.5
LANAO DEL NORTE.....	973	389	40.0	584	60.0
LANAO DEL SUR.....	123	23	18.7	100	81.3
IMPAGUINDANAO.....	340	136	40.0	204	60.0
NORTH COTABATO.....	1,610	673	41.8	937	58.2
SULTAN KUDARAT.....	1,147	416	36.3	731	63.7
COTABATO CITY.....	982	742	75.6	240	24.4
ILIGAN CITY.....	1,492	620	41.6	872	58.4
MARAWI CITY.....	143	115	80.4	28	19.6

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Typhoid & Paratyphoid fevers.....(002)	730	492	1222	2.0
Other salmonella infections.....(003)	5	6	11	0.02
Shigellosis and amoebiasis (Dysentery, All Forms).....(004;006)	403	280	683	1.1
Other food poisoning (Bacterial).....(005)	109	62	171	0.3
Other intestinal infectious diseases..... (007;008)	9	12	21	0.03
Diarrheas.....(009)	3433	2585	6018	10.0
Tuberculosis of the respiratory system.....(010-012)	16397	9252	25649	42.7
Tuberculosis of meninges & CNS.....(013)	240	192	432	0.7
Other tuberculosis, including late effects.....(014-018;137)	132	87	219	0.4
Plague.....(020)	0	0	0	-
Leprosy.....(030)	62	33	95	0.2
Diphtheria.....(032)	49	68	117	0.2
Whooping cough.....(033)	5	7	12	0.02
Streptococcal sore throat.....(034)	5	0	5	0.008
Meningococcal infection.....(036)	92	74	166	0.3
Tetanus.....(037)	704	336	1040	1.7
Septicemia.....(038)	2737	2215	4952	8.2
All other diseases caused by bacteria..... (021-027;031;035;039-041)	88	80	168	0.3
Acute poliomyelitis including late effects.....(045;138)	15	17	32	0.05
Smallpox.....(050)	0	0	0	-
Chickenpox.....(052)	0	23	23	0.04
Measles.....(055)	3521	3213	6734	11.2
Yellow Fever.....(060)	0	0	0	-
Dengue-hemorrhagic fever.....(061;065)	104	95	199	0.3
Arthropod-borne viral encephalitis including late effects.....(062-064;139)	27	20	47	0.08
Viral hepatitis.....(070)	552	298	850	1.4
Rabies.....(071)	273	151	424	0.7
Other viral diseases..... (046-049;051-054;056;057;058;072-079)	155	98	253	0.4
Malaria.....(084)	614	375	989	1.6
Other arthropod-borne diseases.....(080-083;085-088)	27	11	38	0.06
Syphilis.....(090-097)	4	5	9	0.01
Gonococcal Infections.....(098)	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Typhoid & Paratyphoid fevers...	16	11	27	1.6	44	46	90	1.4
Other salmonella infections...	1	0	1	0.06	0	1	1	0.02
Shigellosis and amoebiasis (Dysentery, All Forms).....	99	76	175	10.1	126	82	208	3.1
Other food poisoning (Bacterial).....	6	2	8	0.5	20	18	38	0.6
Other intestinal infectious diseases.....	0	0	0	-	2	3	5	0.08
Diarrheas.....	1121	818	1939	111.5	1198	904	2102	31.6
Tuberculosis of the respiratory system.....	0	0	0	-	0	1	1	0.02
Tuberculosis of meninges & CNS.	17	20	37	2.1	58	46	104	1.6
Other tuberculosis, including late effects.....	4	2	6	0.3	3	2	5	0.08
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	3	0	3	0.2	0	0	0	-
Diphtheria.....	13	10	23	1.3	25	34	59	0.9
Whooping cough.....	4	5	9	0.5	1	0	1	0.02
Streptococcal sore throat.....	2	0	2	0.1	0	0	0	-
Meningococcal infection.....	17	11	28	1.6	23	22	45	0.7
Tetanus.....	99	82	181	10.4	34	19	53	0.8
Septicemia.....	704	489	1193	68.6	338	288	626	9.4
All other diseases caused by bacteria.....	28	29	57	3.3	15	16	31	0.5
Acute poliomyelitis including late effects.....	1	1	2	0.1	1	4	5	0.08
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	3	3	0.2	0	9	9	0.1
Measles.....	682	574	1256	72.2	2210	2029	4239	63.7
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	15	12	27	1.6	28	30	58	0.9
Arthropod-borne viral encephalitis including late effects.....	5	3	8	0.5	8	5	13	0.2
Viral hepatitis.....	57	29	86	4.9	28	11	37	0.6
Rabies.....	3	2	5	0.3	20	17	37	0.6
Other viral diseases.....	31	19	50	2.9	37	26	63	0.9
Malaria.....	20	18	38	2.2	37	52	89	1.3
Other arthropod-borne diseases.	9	1	10	0.6	9	4	13	0.2
Syphilis.....	0	0	0	-	0	0	0	-
Gonococcal Infections.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FE-	BOTH	RATE	MALE	FE-	BOTH	RATE
		MALE	SEXES			MALE	SEXES	
Typhoid & Paratyphoid fevers....	47	24	71	0.9	50	39	89	1.2
Other salmonella infections....	1	1	2	0.03	0	1	1	0.01
Shigellosis and amoebiasis (Dysentery, All Forms).....	39	25	64	0.8	9	4	13	0.2
Other food poisoning (Bacterial).....	20	15	35	0.5	3	2	5	0.07
Other intestinal infectious diseases.....	1	3	4	0.05	1	1	2	0.03
Diarrheas.....	291	215	506	6.5	78	57	135	1.8
Tuberculosis of the respiratory system.....	0	0	0	-	1	0	1	0.01
Tuberculosis of meninges & CNS.	39	28	67	0.9	20	18	38	0.5
Other tuberculosis, including late effects.....	3	5	8	0.1	11	2	13	0.2
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	1	0	1	0.01	0	0	0	-
Diphtheria.....	6	16	22	0.3	1	2	3	0.04
Whooping cough.....	0	2	2	0.03	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	0	0	0	-
Meningococcal infection.....	15	13	28	0.4	5	2	7	0.1
Tetanus.....	88	39	127	1.6	96	26	122	1.7
Septicemia.....	130	91	221	2.9	92	58	150	2.1
All other diseases caused by bacteria.....	6	3	9	0.1	2	2	4	0.05
Acute poliomyelitis including late effects.....	3	4	7	0.09	5	0	5	0.07
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	3	3	0.04	0	2	2	0.03
Measles.....	501	486	987	12.7	72	80	152	2.1
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	27	32	59	0.8	11	5	16	0.2
Arthropod-borne viral encephalitis including late effects.....	0	5	5	0.06	0	1	1	0.01
Viral hepatitis.....	17	12	29	0.4	10	12	22	0.3
Rabies.....	40	22	62	0.8	38	14	52	0.7
Other viral diseases.....	9	11	20	0.3	7	9	16	0.2
Malaria.....	41	29	70	0.9	29	22	51	0.7
Other arthropod-borne diseases.	1	1	2	0.03	0	0	0	-
Syphilis.....	0	0	0	-	0	0	0	-
Gonococcal Infections.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Typhoid & Paratyphoid fevers...	94	63	157	2.5	76	57	133	2.3
Other salmonella infections....	0	0	0	-	1	1	2	0.03
Shigellosis and amoebiasis (Dysentery, All Forms).....	4	5	9	0.1	1	4	5	0.09
Other food poisoning (Bacterial).....	7	0	7	0.1	2	1	3	0.05
Other intestinal infectious diseases.....	1	2	3	0.05	0	0	0	-
Diarrheas.....	39	30	69	1.1	37	33	70	1.2
Tuberculosis of the respiratory system.....	369	262	631	9.9	394	249	643	11.2
Tuberculosis of meninges & CNS.	19	18	37	0.6	16	10	26	0.5
Other tuberculosis, including late effects.....	5	10	15	0.2	3	2	5	0.09
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	2	1	3	0.05	0	0	0	-
Diphtheria.....	1	2	3	0.05	1	1	2	0.03
Whooping cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	1	0	1	0.02	0	0	0	-
Meningococcal infection.....	4	1	5	0.08	3	5	8	0.1
Tetanus.....	48	9	57	0.9	47	12	59	1.0
Septicemia.....	83	75	158	2.5	105	127	232	4.0
All other diseases caused by bacteria.....	1	0	1	0.02	5	1	6	0.1
Acute poliomyelitis including late effects.....	1	4	5	0.08	1	3	4	0.07
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	3	3	0.05	0	0	0	-
Measles.....	10	14	24	0.4	13	14	27	0.5
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	2	3	5	0.09	5	1	6	0.1
Arthropod-borne viral encephalitis including late effects.....	3	1	4	0.06	3	2	5	0.09
Viral hepatitis.....	19	16	35	0.5	41	23	64	1.1
Rabies.....	20	9	29	0.5	11	11	22	0.4
Other viral diseases.....	5	4	9	0.1	8	3	11	0.2
Malaria.....	37	25	62	1.0	51	36	87	1.5
Other arthropod-borne diseases.	0	1	1	0.02	0	0	0	-
Syphilis.....	0	0	0	-	1	0	1	0.02
Gonococcal infections.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1999

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C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Typhoid & Paratyphoid fevers....	70	40	110	2.2	71	40	111	2.5
Other salmonella infections....	0	0	0	-	0	1	1	0.02
Shigellosis and amoebiasis (Dysentery, All Forms).....	12	3	15	0.3	4	8	12	0.3
Other food poisoning (Bacterial).....	7	3	10	0.2	6	3	9	0.2
Other intestinal infectious diseases.....	0	0	0	-	0	0	0	-
Diarrheas.....	50	26	76	1.5	34	26	60	1.4
Tuberculosis of the respiratory system.....	593	415	1008	20.0	692	430	1122	25.8
Tuberculosis of meninges & CNS.	12	11	23	0.5	11	11	22	0.5
Other tuberculosis, including late effects.....	5	0	5	0.1	4	2	6	0.1
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	2	3	5	0.1	4	1	5	0.1
Diphtheria.....	0	1	1	0.02	0	0	0	-
Whooping cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	0	0	0	-
Meningococcal infection.....	3	4	7	0.1	3	3	6	0.1
Tetanus.....	51	18	69	1.4	24	9	33	0.8
Septicemia.....	97	119	216	4.3	68	84	152	3.0
All other diseases caused by bacteria.....	2	1	3	0.04	3	2	5	0.1
Acute poliomyelitis including late effects.....	1	0	1	0.02	1	1	2	0.05
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	1	1	0.02	0	1	1	0.02
Measles.....	4	4	8	0.2	1	1	2	0.05
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	1	3	4	-	3	1	4	0.09
Arthropod-borne viral encephalitis including late effects.....	1	1	2	0.04	1	1	2	0.05
Viral hepatitis.....	32	22	54	1.1	48	22	70	1.6
Rabies.....	18	5	23	0.5	15	7	22	0.5
Other viral diseases.....	6	3	9	0.2	6	2	8	0.2
Malaria.....	46	29	75	1.5	60	30	90	2.1
Other arthropod-borne diseases.	0	0	0	-	0	0	0	-
Syphilis.....	0	1	1	0.02	0	0	0	-
Gonococcal Infections.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FE-	BOTH	RATE	MALE	FE-	BOTH	RATE
	MALE	MALE	SEXES		MALE	MALE	SEXES	
Typhoid & Paratyphoid fevers...	47	35	82	2.3	32	19	51	1.8
Other salmonella infections...	0	0	0	-	0	0	0	-
Shigellosis and amoebiasis (Dysentery, All Forms).....	8	8	16	0.4	8	3	11	0.4
Other food poisoning (Bacterial).....	0	4	4	0.1	3	3	6	0.2
Other intestinal infectious diseases.....	0	0	0	-	0	0	0	-
Diarrheas.....	47	30	77	2.1	39	29	68	2.5
Tuberculosis of the respiratory system.....	956	521	1477	41.2	974	469	1443	52.3
Tuberculosis of meninges & CNS.	10	7	17	0.5	8	4	12	0.4
Other tuberculosis, including late effects.....	9	11	20	0.6	5	6	11	0.4
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	6	1	7	0.2	2	2	4	0.1
Diphtheria.....	0	1	1	0.03	0	0	0	-
Whooping cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	0	0	0	-
Meningococcal infection.....	5	1	6	0.2	2	1	3	0.1
Tetanus.....	27	5	32	0.9	29	14	43	1.6
Septicemia.....	87	107	194	5.4	98	65	163	5.9
All other diseases caused by bacteria.....	3	2	5	0.1	3	1	4	0.1
Acute poliomyelitis including late effects.....	0	0	0	-	1	0	1	0.04
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	0	0	-	0	0	0	-
Measles.....	2	0	2	0.06	3	0	3	0.1
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	2	0	2	0.06	1	1	2	0.07
Arthropod-borne viral encephalitis including late effects.....	2	0	2	0.06	2	0	2	0.07
Viral hepatitis.....	50	15	65	1.8	43	18	61	2.2
Rabies.....	21	7	28	0.8	14	5	19	0.7
Other viral diseases.....	5	0	5	0.1	3	1	4	0.1
Malaria.....	52	25	77	2.1	51	10	61	2.2
Other arthropod-borne diseases.	2	0	2	0.06	1	0	1	0.04
Syphilis.....	0	0	0	-	0	0	0	-
Gonococcal Infections.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1969

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C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Typhoid & Paratyphoid fevers....	37	16	53	2.4	18	22	40	2.3
Other salmonella infections....	0	0	0	-	0	0	0	-
Shigellosis and amoebiasis (Dysentery, All Forms).....	7	3	10	0.4	12	4	16	0.9
Other food poisoning (Bacterial).....	8	2	10	0.4	5	1	6	0.3
Other intestinal infectious diseases.....	0	0	0	-	2	0	2	0.1
Diarrheas.....	42	23	65	2.9	44	28	72	4.1
Tuberculosis of the respiratory system.....	1270	558	1828	81.8	1660	716	2376	135.5
Tuberculosis of meninges & CNS.	10	5	15	0.7	2	2	4	0.2
Other tuberculosis, including late effects.....	14	9	23	1.0	8	5	13	0.7
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	5	4	9	0.4	6	1	7	0.4
Diphtheria.....	0	0	0	-	1	1	2	0.1
Whooping cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	1	0	1	0.04	0	0	0	-
Meningococcal infection.....	0	1	1	0.3	1	2	3	0.2
Tetanus.....	30	10	40	1.8	28	10	38	2.2
Septicemia.....	109	56	165	7.4	100	57	157	9.0
All other diseases caused by bacteria.....	2	2	4	0.2	2	2	4	0.2
Acute poliomyelitis including late effects.....	0	0	0	-	0	0	0	-
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	1	1	0.04	0	0	0	-
Measles.....	4	0	4	0.2	2	0	2	0.1
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	2	1	3	0.1	4	1	5	0.3
Arthropod-borne viral encephalitis including late effects.....	0	0	0	-	1	0	1	0.06
Viral hepatitis.....	37	6	43	1.9	43	16	59	3.4
Rabies.....	17	10	27	1.2	10	10	20	1.1
Other viral diseases.....	10	2	12	0.5	7	2	9	0.5
Malaria.....	37	15	52	2.3	39	15	54	3.1
Other arthropod-borne diseases.	0	1	1	0.04	1	1	2	0.1
Syphilis.....	1	0	1	0.04	0	1	1	0.06
Gonococcal Infections.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Typhoid & Paratyphoid fevers...	29	17	46	3.3	24	14	38	3.3
Other salmonella infections....	0	1	1	0.07	1	0	1	0.09
Shigellosis and amoebiasis (Dysentery, All Forms).....	11	2	13	0.9	10	6	16	1.4
Other food poisoning (Bacterial).....	6	1	7	0.5	4	2	6	0.5
Other intestinal infectious diseases.....	1	0	1	0.07	0	1	1	0.09
Diarrheas.....	42	30	72	5.2	59	51	110	9.5
Tuberculosis of the respiratory system.....	1729	756	2485	178.5	1936	906	2842	246.7
Tuberculosis of meninges & CNS.	2	3	5	0.4	5	5	10	0.9
Other tuberculosis, including late effects.....	11	5	16	1.1	11	5	16	1.4
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	7	1	8	0.6	6	2	8	0.7
Diphtheria.....	0	0	0	-	0	0	0	-
Whooping cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	0	0	0	-
Meningococcal infection.....	3	2	5	0.4	0	0	0	-
Tetanus.....	18	22	40	2.9	21	14	35	3.0
Septicemia.....	96	63	159	11.4	96	82	178	15.5
All other diseases caused by bacteria.....	3	2	5	0.4	9	9	18	1.6
Acute poliomyelitis including late effects.....	0	0	0	-	0	0	0	-
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	0	0	-	0	0	0	-
Measles.....	1	0	1	0.07	3	0	3	0.3
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	1	2	3	0.2	1	2	3	0.3
Arthropod-borne viral encephalitis including late effects.....	0	0	0	-	0	1	1	0.09
Viral hepatitis.....	36	18	54	3.9	25	20	45	3.9
Rabies.....	10	6	16	1.1	11	7	18	1.6
Other viral diseases.....	6	2	8	0.6	4	0	4	0.3
Malaria.....	37	13	50	3.6	23	15	38	3.3
Other arthropod-borne diseases.	0	1	1	0.07	0	0	0	-
Syphilis.....	0	1	1	0.07	0	0	0	-
Gonococcal Infections.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	MALE	FE-	BOTH	RATE	MALE	FE-	BOTH	RATE
	MALE	MALE	SEXES		MALE	MALE	SEXES	
Typhoid & Paratyphoid fevers....	27	16	43	4.7	47	33	80	6.0
Other salmonella infections....	1	0	1	0.1	0	0	0	-
Shigellosis and amoebiasis (Dysentery, All Forms).....	14	7	21	2.3	39	40	79	5.9
Other food poisoning (Bacterial).....	4	1	5	0.5	8	4	12	0.9
Other intestinal infectious diseases.....	1	1	2	0.2	0	1	1	0.08
Diarrheas.....	65	43	108	11.8	247	242	489	36.7
Tuberculosis of the respiratory system.....	1830	1072	2902	318.3	3991	2897	6888	517.0
Tuberculosis of meninges & CNS.	1	0	1	0.1	10	3	13	1.0
Other tuberculosis, including late effects.....	12	5	17	1.9	24	16	40	3.0
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	5	2	7	0.8	13	15	28	2.1
Diphtheria.....	0	0	0	-	1	0	1	0.08
Whooping cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	1	0	1	0.08
Meningococcal infection.....	6	3	9	1.0	2	3	5	0.4
Tetanus.....	10	9	27	3.0	46	38	84	6.3
Septicemia.....	114	74	188	20.6	420	360	800	60.0
All other diseases caused by bacteria.....	1	1	2	0.2	3	7	10	0.8
Acute poliomyelitis including late effects.....	0	0	0	-	0	0	0	-
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	0	0	-	0	0	0	-
Measles.....	2	3	5	0.5	11	8	19	1.4
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	1	1	2	0.2	0	0	0	-
Arthropod-borne viral encephalitis including late effects.....	1	0	1	0.1	0	0	0	-
Viral hepatitis.....	31	17	48	5.3	37	41	78	5.9
Rabies.....	1	6	13	1.4	18	13	31	2.3
Other viral diseases.....	0	4	4	0.4	11	10	21	1.6
Malaria.....	22	15	37	4.1	31	26	57	4.3
Other arthropod-borne diseases.	3	1	4	0.4	1	0	1	0.08
Syphilis.....	1	0	1	0.1	1	2	3	0.2
Gonococcal Infections.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUP BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Typhoid & Paratyphoid fevers.....	1	0	1	-
Other salmonella infections.....	0	0	0	-
Shigellosis and amoebiasis (Dysentery, All Forms).....	0	0	0	-
Other food poisoning (Bacterial).....	0	0	0	-
Other intestinal infectious diseases.....	0	0	0	-
Diarrheas.....	0	0	0	-
Tuberculosis of the respiratory system.....	2	0	2	-
Tuberculosis of meninges & CNS.....	0	1	1	-
Other tuberculosis, including late effects.....	0	0	0	-
Plague.....	0	0	0	-
Leprosy.....	0	0	0	-
Diphtheria.....	0	0	0	-
Whooping cough.....	0	0	0	-
Streptococcal sore throat.....	0	0	0	-
Meningococcal infection.....	0	0	0	-
Tetanus.....	0	0	0	-
Septicemia.....	0	0	0	-
All other diseases caused by bacteria.....	0	0	0	-
Acute poliomyelitis including late effects.....	0	0	0	-
Smallpox.....	0	0	0	-
Chickenpox.....	0	0	0	-
Measles.....	0	0	0	-
Yellow Fever.....	0	0	0	-
Dengue-hemorrhagic fever.....	0	0	0	-
Arthropod-borne viral encephalitis including late effects.....	0	0	0	-
Viral hepatitis.....	0	0	0	-
Rabies.....	0	0	0	-
Other viral diseases.....	0	0	0	-
Malaria.....	1	0	1	-
Other arthropod-borne diseases.....	0	0	0	-
Syphilis.....	0	0	0	-
Gonococcal Infections.....	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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C A U S E	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis.....(120)	196	77	273	0.5
Filariasis.....(125)	0	1	1	0.002
Other helminthiasis.....(121-124;126-129)	115	89	204	0.3
Other infectious and parasitic diseases...(099;100-104;110-118;130-136)	121	80	201	0.3
Malignant neoplasms of:				
lip, oral cavity and pharynx...(140-149)	796	538	1334	2.2
esophagus.....(150)	162	109	265	0.4
stomach.....(151)	845	626	1471	2.4
small intestine including duodenum.(152)	34	33	67	0.1
colon.....(153)	136	109	245	0.4
rectum, rectosigmoid junction and anus.....(154)	317	277	594	1.0
larynx.....(161)	111	45	156	0.3
trachea, bronchus, lung and pleura.....(162;163)	2410	899	3309	5.5
bone and articular cartilage.....(170)	597	389	986	1.6
skin.....(172;173)	46	53	99	0.2
female breast.....(174)	0	1548	1548	2.6
cervix uteri.....(180)	0	387	387	0.6
uterus.....(179;181-182)	0	969	969	1.6
other female genital organs.....(183-184)	0	328	328	0.5
prostate.....(185)	361	0	361	0.6
other and unspecified sites.....(155-160;164;165;171;175;186-199)	4925	2711	7636	12.7
lymphatic tissue.....(200-203)	268	188	456	0.8
Leukemia.....(204-208)	779	816	1595	2.7
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior and of unspecified nature.....(210-239)	66	61	127	0.2
Diabetes mellitus.....(250)	1573	1766	3339	5.6
Kwashiorkor.....(260)	84	71	155	0.3
Nutritional marasmus.....(261)	93	81	174	0.3
Other protein calorie malnutrition.....(262)	381	349	730	1.2
Other nutritional deficiencies...(263-269)	1840	1518	3358	5.6
Goiter, thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders.....(240-246;251-259;270-279)	1842	1530	3372	5.6
Anemias.....(280-285)	1226	1240	2466	4.1
Other diseases of blood-forming organs.....(286-289)	222	239	461	0.8

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	2	5	7	0.4	5	2	7	0.1
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	8	11	19	1.1	57	42	99	1.5
Other infectious and parasitic diseases.....	10	4	14	0.8	24	26	50	0.8
Malignant neoplasms of:								
lip, oral cavity and pharynx....	1	0	1	0.06	1	2	3	0.05
esophagus.....	1	0	1	0.06	0	0	0	-
stomach.....	1	1	2	0.1	1	1	2	0.03
small intestine including duodenum.....	0	0	0	-	0	1	1	0.02
colon.....	0	1	1	0.06	0	0	0	-
rectum, rectosigmoid junction and anus.....	2	0	2	0.1	0	1	1	0.02
larynx.....	0	1	1	0.06	0	0	0	-
trachea, bronchus, lung & pleura	4	2	6	0.3	0	2	2	0.03
bone and articular cartilage....	1	0	1	0.06	6	2	8	0.1
skin.....	1	0	1	0.06	1	1	2	0.03
female breast.....	0	0	0	-	0	0	0	-
cervix uteri.....	0	0	0	-	0	0	0	-
uterus.....	0	0	0	-	0	0	0	-
other female genital organs.....	0	0	0	-	0	0	0	-
prostate.....	0	0	0	-	0	0	0	-
other and unspecified sites.....	29	27	50	2.9	29	32	61	0.9
lymphatic tissue.....	1	2	3	0.2	5	5	10	0.2
Leukemia.....	18	12	30	1.7	71	63	134	2.0
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature.....	2	1	3	0.2	2	1	3	0.05
Diabetes mellitus.....	5	1	6	0.3	1	3	4	0.06
Kwashiorkor.....	21	18	39	2.2	46	32	78	1.2
Nutritional marasmus.....	24	16	40	2.3	35	32	67	1.0
Other protein calorie malnutrition	91	79	164	9.4	136	136	272	4.1
Other nutritional deficiencies....	651	452	1103	63.4	458	367	825	12.4
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders.....	524	387	911	52.4	483	412	895	13.5
Anemias.....	75	50	125	7.2	76	76	152	2.3
Other diseases of blood-forming organs.....	66	65	131	7.5	23	21	44	0.7

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	4	1	5	0.06	8	3	11	0.2
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	23	19	42	0.5	7	3	10	0.1
Other infectious and parasitic diseases.....	13	9	22	0.3	7	2	9	0.1
Malignant neoplasms of:								
lip, oral cavity and pharynx....	1	4	5	0.06	3	1	4	0.05
esophagus.....	1	0	1	0.01	0	0	0	-
stomach.....	0	1	1	0.01	1	1	2	0.03
small intestine including duodenum.....	1	0	1	0.01	0	0	0	-
colon.....	0	0	0	-	0	0	0	-
rectum, rectosigmoid junction and anus.....	1	1	2	0.03	1	2	3	0.04
larynx.....	0	0	0	-	0	0	0	-
trachea, bronchus, lung & pleura	4	0	4	0.05	1	2	3	0.04
bone and articular cartilage....	8	4	12	0.2	16	14	30	0.4
skin.....	0	0	0	-	0	2	2	0.03
female breast.....	0	0	0	-	0	0	0	-
cervix uteri.....	0	0	0	-	0	2	2	0.03
uterus.....	0	0	0	-	0	4	4	0.05
other female genital organs.....	0	0	0	-	0	1	1	0.01
prostate.....	0	0	0	-	8	0	8	0.1
other and unspecified sites.....	38	37	75	1.0	47	24	71	1.0
lymphatic tissue.....	2	6	8	0.1	5	5	10	0.1
Leukemia.....	86	63	149	1.9	71	64	135	1.9
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature.....	0	5	5	0.06	4	2	6	0.08
Diabetes mellitus.....	1	1	2	0.03	6	6	12	0.2
Kwashiorkor.....	4	4	8	0.1	2	2	4	0.05
Nutritional marasmus.....	9	9	18	0.2	5	4	9	0.1
Other protein calorie malnutrition	33	23	56	0.7	1	8	9	0.1
Other nutritional deficiencies.....	105	80	185	2.4	16	20	36	0.5
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders.....	119	91	210	2.7	39	35	74	1.0
Anemias.....	56	55	111	1.4	57	36	93	1.3
Other diseases of blood-forming organs.....	14	10	24	0.3	16	10	26	0.4

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	8	3	11	0.2	15	6	21	0.4
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	5	1	6	0.09	2	1	3	0.05
Other infectious and parasitic diseases.....	2	1	3	0.05	1	0	1	0.02
Malignant neoplasms of:								
lip, oral cavity and pharynx....	9	4	13	0.2	10	4	14	0.2
esophagus.....	0	1	1	0.02	0	1	1	0.02
stomach.....	3	3	6	0.09	9	7	16	0.3
small intestine including duodenum.....	0	0	0	-	2	1	3	0.05
colon.....	0	0	0	-	2	2	4	0.07
rectum, rectosigmoid junction and anus.....	2	1	3	0.05	2	4	6	0.1
larynx.....	2	0	2	0.03	1	2	3	0.05
trachea, bronchus, lung & pleura	9	7	16	0.2	13	11	24	0.4
bone and articular cartilage....	27	17	44	0.7	23	8	31	0.5
skin.....	1	0	1	0.02	1	1	2	0.03
female breast.....	0	4	4	0.06	0	10	10	0.2
cervix uteri.....	0	1	1	0.02	0	1	1	0.02
uterus.....	0	7	7	0.1	0	25	25	0.4
other female genital organs....	0	6	6	0.09	0	8	8	0.1
prostate.....	0	0	0	-	1	0	1	0.02
other and unspecified sites....	59	56	115	1.8	102	55	157	2.7
lymphatic tissue.....	9	3	12	0.2	14	7	21	0.4
Leukemia.....	71	90	161	2.5	54	68	122	2.1
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature.....	3	3	6	0.09	4	1	5	0.09
Diabetes mellitus.....	4	12	16	0.2	12	10	22	0.4
Kwashiorkor.....	0	0	0	-	1	1	2	0.03
Nutritional marasmus.....	0	1	1	0.02	0	0	0	-
Other protein calorie malnutrition	3	6	9	0.1	8	5	13	0.2
Other nutritional deficiencies....	16	8	24	0.4	15	21	36	0.6
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders.....	27	21	48	0.7	34	33	67	1.2
Anemias.....	43	46	89	1.4	44	58	102	1.8
Other diseases of blood-forming organs.....	23	18	41	0.6	9	16	25	0.4

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	8	4	12	0.2	13	3	16	0.4
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	0	0	0	-	1	1	2	0.05
Other infectious and parasitic diseases.....	7	3	10	0.2	7	2	9	0.2
Malignant neoplasms of:								
lip, oral cavity and pharynx....	12	8	20	0.4	15	11	26	0.6
esophagus.....	2	2	4	0.08	4	1	5	0.1
stomach.....	9	9	18	0.4	12	26	38	0.9
small intestine including duodenum.....	1	0	1	0.02	2	0	2	0.05
colon.....	2	1	3	0.06	4	1	5	0.1
rectum, rectosigmoid junction and anus.....	4	9	13	0.3	8	9	17	0.4
larynx.....	0	1	1	0.02	4	1	5	0.1
trachea, bronchus, lung & pleura.....	20	13	33	0.7	36	27	63	1.4
bone and articular cartilage....	25	14	39	0.8	19	21	40	0.9
skin.....	3	3	6	0.1	1	2	3	0.07
female breast.....	0	29	29	0.6	0	80	80	1.8
cervix uteri.....	0	10	10	0.2	0	24	24	0.6
uterus.....	0	32	32	0.6	0	57	57	1.3
other female genital organs.....	0	15	15	0.3	0	8	8	0.2
prostate.....	2	0	2	0.04	0	0	0	-
other and unspecified sites.....	155	80	235	4.7	249	85	334	7.7
lymphatic tissue.....	15	7	22	0.4	10	5	15	0.3
Leukemia.....	53	53	106	2.1	41	55	96	2.2
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature.....	3	4	7	0.1	4	3	7	0.2
Diabetes mellitus.....	15	8	23	0.5	16	10	26	0.6
Kwashiorkor.....	0	0	0	-	0	0	0	-
Nutritional marasmus.....	0	0	0	-	0	0	0	-
Other protein calorie malnutrition.....	2	4	6	0.1	5	4	9	0.2
Other nutritional deficiencies.....	11	14	25	0.5	17	9	26	0.6
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders.....	36	25	61	1.2	28	33	61	1.4
Anemias.....	47	78	125	2.5	44	59	103	2.4
Other diseases of blood-forming organs.....	14	11	25	0.5	3	11	14	0.3

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
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C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	22	5	27	0.8	9	5	14	0.5
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	1	2	3	0.08	1	1	2	0.07
Other infectious and parasitic diseases.....	4	0	4	0.1	3	3	6	0.2
Malignant neoplasms of:								
lip, oral cavity and pharynx....	30	12	42	1.2	52	15	67	2.4
esophagus.....	5	3	8	0.2	4	4	8	0.3
stomach.....	28	21	49	1.4	39	30	69	2.5
small intestine including duodenum.....	1	0	1	0.03	3	2	5	0.2
colon.....	9	6	15	0.4	4	5	9	0.3
rectum, rectosigmoid junction and anus.....	11	8	19	0.5	22	17	39	1.4
larynx.....	2	1	3	0.08	2	0	2	0.07
trachea, bronchus, lung & pleura	74	34	108	3.0	129	54	183	6.6
bone and articular cartilage....	26	17	43	1.2	45	13	58	2.1
skin.....	2	1	3	0.08	4	4	8	0.3
female breast.....	0	116	116	3.2	0	178	178	6.4
cervix uteri.....	0	35	35	1.0	0	44	44	1.6
uterus.....	0	70	70	2.0	0	89	89	3.2
other female genital organs.....	0	18	18	0.5	0	24	24	0.9
prostate.....	5	0	5	0.1	3	0	3	0.1
other and unspecified sites.....	350	132	482	13.4	367	157	524	19.0
lymphatic tissue.....	9	4	13	0.3	15	10	25	0.9
Leukemia.....	40	46	86	2.4	26	47	73	2.6
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature.....	4	5	9	0.3	6	7	13	0.5
Diabetes mellitus.....	39	21	60	1.7	59	40	99	3.6
Kwashiorkor.....	0	0	0	-	1	0	1	0.04
Nutritional marasmus.....	1	0	1	0.03	0	0	0	-
Other protein calorie malnutrition	2	1	3	0.08	3	3	6	0.2
Other nutritional deficiencies....	18	16	34	0.9	19	8	27	1.0
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders.....	39	25	64	1.8	37	28	65	2.4
Anemias.....	36	64	100	2.8	44	53	97	3.5
Other diseases of blood-forming organs.....	4	15	19	0.5	6	7	13	0.5

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
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C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	20	11	31	1.4	21	7	28	1.6
Filariasis.....	0	1	1	0.04	0	0	0	-
Other helminthiasis.....	1	0	1	0.04	2	0	2	0.1
Other infectious and parasitic diseases.....	6	1	7	0.3	7	2	9	0.5
Malignant neoplasms of:								
lip, oral cavity and pharynx....	54	29	83	3.7	78	34	112	6.4
esophagus.....	12	5	17	0.8	20	10	30	1.7
stomach.....	72	48	120	5.4	90	54	144	8.2
small intestine including								
duodenum.....	0	7	7	0.3	4	2	6	0.3
colon.....	10	4	14	0.6	13	12	25	1.4
rectum, rectosigmoid junction								
and anus.....	23	12	35	1.6	26	28	54	3.1
larynx.....	8	1	9	0.4	6	5	11	0.6
trachea, bronchus, lung & pleura	205	64	269	12.0	341	94	435	24.8
bone and articular cartilage....	42	34	76	3.4	69	39	108	6.2
skin.....	0	4	4	0.1	9	2	11	0.6
female breast.....	0	214	214	9.6	0	199	199	11.4
cervix uteri.....	0	57	57	2.5	0	46	46	2.6
uterus.....	0	123	123	5.5	0	110	110	6.3
other female genital organs.....	0	42	42	1.9	0	43	43	2.5
prostate.....	4	0	4	0.2	23	0	23	1.4
other and unspecified sites.....	433	226	659	29.5	539	300	839	47.9
lymphatic tissue.....	17	18	35	1.6	25	11	36	2.1
Leukemia.....	39	34	73	3.3	36	44	80	4.6
Benign neoplasms carcinoma in								
situ, neoplasms of uncertain								
behavior & of unspecified								
nature.....	3	4	7	0.3	5	4	9	0.5
Diabetes mellitus.....	92	53	145	6.5	137	124	261	14.9
Kwashiorkor.....	0	0	0	-	1	0	1	0.06
Nutritional marasmus.....	0	0	0	-	2	0	2	0.1
Other protein calorie malnutrition	9	2	11	0.5	6	4	10	0.6
Other nutritional deficiencies....	27	18	45	2.0	29	22	51	2.9
Goiter, thyrotoxicosis, hypo-								
thyroidism & other endocrine								
& metabolic disorders.....	34	24	58	2.6	35	32	67	3.8
Anemias.....	49	54	103	4.6	69	58	127	7.2
Other diseases of blood-forming								
organs.....	5	9	14	0.6	7	8	15	0.9

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
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C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	13	4	17	1.0	20	8	28	2.4
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	0	0	0	-	1	1	2	0.2
Other infectious and parasitic diseases.....	9	6	15	0.9	5	2	7	0.6
Malignant neoplasms of:								
lip, oral cavity and pharynx....	95	58	153	8.7	110	70	180	15.6
esophagus.....	19	4	23	1.3	14	13	27	2.3
stomach.....	95	63	158	9.0	111	63	174	15.1
small intestine including duodenum.....	3	4	7	0.4	2	7	9	0.8
colon.....	18	6	24	1.4	11	11	22	1.9
rectum, rectosigmoid junction and anus.....	35	33	68	3.9	31	26	57	4.9
larynx.....	15	2	17	1.0	22	7	29	2.5
trachea, bronchus, lung & pleura	343	116	459	26.2	362	106	468	40.6
bone and articular cartilage....	59	45	104	5.9	79	40	119	10.3
skin.....	5	4	9	0.5	2	5	7	0.6
female breast.....	0	222	222	12.7	0	159	159	13.8
cervix uteri.....	0	39	39	2.2	0	34	34	3.0
uterus.....	0	100	100	5.7	0	93	93	8.1
other female genital organs.....	0	38	38	2.2	0	30	30	2.6
prostate.....	11	0	11	0.6	30	0	30	2.6
other and unspecified sites.....	522	225	747	42.6	556	293	851	73.9
lymphatic tissue.....	21	21	42	2.4	34	24	58	5.0
Leukemia.....	40	42	82	4.7	38	37	75	6.5
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature.....	5	4	9	0.5	5	1	6	0.5
Diabetes mellitus.....	178	182	360	20.5	234	241	475	41.2
Kwashiorkor.....	0	1	1	0.06	0	2	2	0.2
Nutritional marasmus.....	2	1	3	0.2	2	1	3	0.3
Other protein calorie malnutrition	3	6	9	0.5	10	8	18	1.6
Other nutritional deficiencies....	36	16	52	3.0	44	20	64	5.6
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	43	32	75	4.3	56	29	85	7.4
Anemias.....	55	49	104	5.9	75	59	134	11.6
Other diseases of blood-forming organs.....	4	11	15	0.9	5	5	10	0.9

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
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C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Schistosomiasis.....	9	4	13	1.4	19	6	25	1.9
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	3	0	3	0.3	3	7	10	0.8
Other infectious and parasitic diseases.....	5	5	10	1.1	11	14	25	1.9
Malignant neoplasms of:								
lip, oral cavity and pharynx....	100	83	183	20.1	225	203	428	32.1
esophagus.....	21	22	43	4.7	59	37	96	7.2
stomach.....	130	83	213	23.4	244	215	459	34.4
small intestine including duodenum.....	4	2	6	0.7	11	7	18	1.4
colon.....	15	15	30	3.3	48	45	93	7.0
rectum, rectosigmoid junction and anus.....	45	29	74	8.1	104	97	201	15.1
larynx.....	26	7	33	3.6	23	17	40	3.0
trachea, bronchus, lung & pleura	345	113	458	50.2	524	254	778	58.4
bone and articular cartilage....	44	49	93	10.2	108	72	180	13.5
skin.....	3	5	8	0.9	13	19	32	2.4
female breast.....	0	101	101	11.1	0	236	236	17.7
cervix uteri.....	0	37	37	4.1	0	57	57	4.3
uterus.....	0	85	85	9.3	0	174	174	13.1
other female genital organs....	0	34	34	3.7	0	61	61	4.6
prostate.....	45	0	45	4.9	229	0	229	17.2
other and unspecified sites....	512	300	812	89.1	942	682	1624	121.9
lymphatic tissue.....	34	20	54	5.9	52	40	92	6.9
Leukemia.....	34	29	63	6.9	61	69	130	9.8
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature.....	8	4	12	1.3	8	12	20	1.5
Diabetes mellitus.....	212	263	475	52.1	562	791	1353	101.6
Kwashiorkor.....	0	2	2	0.2	8	9	17	1.3
Nutritional marasmus.....	0	2	2	0.2	13	15	28	2.1
Other protein calorie malnutrition	11	2	13	1.4	58	64	122	9.2
Other nutritional deficiencies....	39	51	90	9.9	339	396	735	55.2
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	45	45	90	9.9	263	278	541	40.6
Anemias.....	81	85	166	18.2	375	360	735	55.2
Other diseases of blood-forming organs.....	5	10	15	1.6	19	12	30	2.3

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C A U S E	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis.....	0	0	0	-
Filariasis.....	0	0	0	-
Other helminthiasis.....	0	0	0	-
Other infectious and parasitic diseases.....	0	0	0	-
Malignant neoplasms of:				
lip, oral cavity and pharynx.....	0	0	0	-
esophagus.....	0	0	0	-
stomach.....	0	0	0	-
small intestine including duodenum.....	0	0	0	-
colon.....	0	0	0	-
rectum, rectosigmoid junction and anus.....	0	0	0	-
larynx.....	0	0	0	-
trachea, bronchus, lung and pleura.....	0	0	0	-
bone and articular cartilage.....	0	0	0	-
skin.....	0	0	0	-
female breast.....	0	0	0	-
cervix uteri.....	0	0	0	-
uterus.....	0	0	0	-
other female genital organs.....	0	0	0	-
prostate.....	0	0	0	-
other and unspecified sites.....	0	0	0	-
lymphatic tissue.....	0	0	0	-
Leukemia.....	0	0	0	-
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior and of unspecified nature.....	0	0	0	-
Diabetes mellitus.....	0	0	0	-
Kwashiorkor.....	0	0	0	-
Nutritional marasmus.....	0	0	0	-
Other protein calorie malnutrition.....	0	0	0	-
Other nutritional deficiencies.....	0	0	0	-
Goiter, thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders.....	0	0	0	-
Anemias.....	0	0	0	-
Other diseases of blood-forming organs.....	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
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C A U S E	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Psychoses.....(290-299)	92	80	172	0.3
Neurotic disorders, personality disorders and other mental disorders.....(300-316)	229	43	272	0.5
Mental retardation.....(317-319)	3	3	6	0.01
Meningitis.....(320-322)	1328	1052	2380	4.0
Epilepsy.....(345)	514	352	866	1.4
Other diseases of nervous system.....(323- 326;330-337;340-344-346-349;350;360-389)	1017	714	1731	2.9
Acute rheumatic fever.....(390-392)	11	16	27	0.04
Chronic rheumatic heart disease..(393-398)	1006	1165	2171	3.6
Hypertension without heart involvement.....(401;403;405)	7395	5362	12757	21.2
Hypertension with heart involvement.....(402;404)	1531	1199	2730	4.5
Acute myocardial infarction.....(410)	8654	4871	13525	22.5
Other forms of ischaemic heart disease.....(411-414)	2419	2304	4803	8.0
Diseases of pulmonary circulation & other forms of heart disease.(415-417;420-429)	11737	9863	21600	35.9
Cerebrovascular disease.....(430-438)	10171	7422	17593	29.3
Atherosclerosis.....(440)	1032	1231	2263	3.8
Other diseases of arteries, arterioles, and capillaries.....(441-448)	207	146	353	0.6
Venous thrombosis and embolism...(451-453)	41	23	64	0.1
Other diseases of circulatory system.....(454-459)	430	234	664	1.1
Acute respiratory infections, except bronchitis and bronchiolitis...(460-465)	59	40	99	0.2
Acute bronchitis and bronchiolitis...(466)	599	506	1105	1.8
Pneumonia.....(480-486)	25019	21249	46268	77.0
Influenza.....(487)	420	350	770	1.3
Chronic obstructive pulmonary disease and allied conditions.....(490-496)	4876	28714	7690	12.8
Other diseases of respiratory system.....(470-473;500-508;510-519)	3546	3364	6910	11.5
Diseases of oral cavity, salivary glands and jaws.....(520-529)	17	23	40	0.07
Gastric, duodenal and peptic ulcer, sites unspecified.....(531-533)	3873	1722	5595	9.4
Appendicitis.....(540-543)	212	113	325	0.5
Hernia of abdominal cavity.....(550-553)	193	32	165	0.3
Chronic liver diseases & cirrhosis...(571)	2173	526	2699	4.5

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C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	0	0	0	-	0	0	0	-
Neurotic disorders, personality disorder & other mental disorders.	0	0	0	-	3	3	6	0.09
Mental retardation.....	0	0	0	-	1	0	1	0.01
Meningitis.....	331	235	566	32.5	340	276	616	9.3
Epilepsy.....	0	0	0	-	35	24	59	0.9
Other diseases of nervous system..	130	93	223	12.8	147	107	254	3.8
Acute rheumatic fever.....	0	0	0	-	0	2	2	0.03
Chronic rheumatic heart disease....	0	0	0	-	40	40	80	1.2
Hypertension without heart involvement.....	0	0	0	-	1	1	2	0.03
Hypertension with heart involvement	0	0	0	-	0	0	0	-
Acute myocardial infarction.....	0	0	0	-	10	2	12	0.2
Other forms of ischaemic heart disease.....	0	0	0	-	2	1	3	0.04
Diseases of pulmonary circulation & other forms of heart disease...	414	273	687	39.5	233	189	422	6.3
Cerebrovascular disease.....	81	69	150	8.6	59	42	101	1.5
Atherosclerosis.....	0	0	0	-	0	0	0	-
Other diseases of arteries, arterioles and capillaries.....	6	3	9	0.5	1	4	5	0.08
Venous thrombosis and embolism.....	0	0	0	-	1	0	1	0.02
Other diseases of circulatory system.....	8	10	18	1.0	10	3	13	0.2
Acute respiratory infections, except bronchitis and bronchilitis.....	9	6	15	0.9	10	9	19	0.3
Acute bronchitis & bronchiolitis...	247	202	449	25.8	213	190	403	6.1
Pneumonia.....	6339	4834	11173	642.5	7127	6449	13576	204.1
Influenza.....	44	37	81	4.7	43	47	90	1.4
Chronic obstructive pulmonary diseases & allied conditions.....	262	195	457	26.3	261	251	512	7.7
Other diseases of respiratory system.....	300	213	513	29.5	157	117	274	4.1
Diseases of oral cavity, salivary glands and jaws.....	0	3	3	0.2	1	1	2	0.03
Gastric, duodenal and peptic ulcer, sites unspecified.....	12	10	22	1.3	9	8	17	0.3
Appendicitis.....	1	4	5	0.3	14	9	23	0.3
Hernia of abdominal cavity.....	14	1	15	0.9	3	0	3	0.05
Chronic liver diseases & cirrhosis.	11	4	15	0.9	5	2	7	0.1

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
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C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	0	1	1	0.01	0	0	0	-
Neurotic disorders, personality disorder & other mental disorders.	1	0	1	0.01	0	0	0	-
Mental retardation.....	0	1	1	0.01	0	1	1	0.01
Meningitis.....	209	148	357	4.6	108	113	221	3.0
Epilepsy.....	18	17	35	0.5	55	39	88	1.2
Other diseases of nervous system..	99	58	157	2.0	64	44	108	1.5
Acute rheumatic fever.....	1	3	4	0.05	3	1	4	0.05
Chronic rheumatic heart disease....	53	47	100	1.3	102	112	214	2.9
Hypertension without heart involvement.....	1	0	1	0.01	24	21	45	0.6
Hypertension with heart involvement	0	0	0	-	7	5	12	0.2
Acute myocardial infarction.....	6	7	13	0.2	9	11	20	0.3
Other forms of ischaemic heart disease.....	5	2	7	0.09	5	1	6	0.08
Diseases of pulmonary circulation & other forms of heart disease...	126	102	228	2.9	157	112	269	3.7
Cerebrovascular disease.....	71	56	127	1.6	66	32	98	1.3
Atherosclerosis.....	0	0	0	-	0	0	0	-
Other diseases of arteries, arterioles and capillaries.....	2	5	7	0.09	5	3	8	0.1
Venous thrombosis and embolism.....	1	0	1	0.01	1	0	1	0.01
Other diseases of circulatory system.....	10	9	19	0.2	11	8	19	0.3
Acute respiratory infections, except bronchitis and bronchilitis.....	2	3	5	0.06	2	2	4	0.05
Acute bronchitis & bronchiolitis...	45	28	73	0.9	11	9	20	0.3
Pneumonia.....	1569	1493	3062	39.5	480	415	895	12.3
Influenza.....	24	13	37	0.5	15	14	29	0.4
Chronic obstructive pulmonary diseases & allied conditions.....	47	54	101	1.3	57	23	80	1.1
Other diseases of respiratory system.....	36	35	71	0.9	32	28	60	0.8
Diseases of oral cavity, salivary glands and jaws.....	1	0	1	0.01	0	1	1	0.01
Gastric, duodenal and peptic ulcer, sites unspecified.....	20	2	22	0.3	18	11	29	0.4
Appendicitis.....	29	13	42	0.5	18	11	29	0.4
Hernia of abdominal cavity.....	2	1	3	0.04	4	1	5	0.07
Chronic liver diseases & cirrhosis.	1	2	3	0.04	4	3	7	0.1

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C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	4	2	6	0.09	2	2	4	0.07
Neurotic disorders, personality disorder & other mental disorders.	3	0	3	0.05	14	1	15	0.3
Mental retardation.....	1	1	2	0.03	0	0	0	-
Meningitis.....	78	66	144	2.2	49	35	84	1.5
Epilepsy.....	71	56	127	2.0	69	52	121	2.1
Other diseases of nervous system..	67	40	107	1.7	56	42	98	1.7
Acute rheumatic fever.....	0	1	1	0.02	2	0	2	0.03
Chronic rheumatic heart disease....	156	128	284	4.4	115	119	234	4.1
Hypertension without heart involvement.....	14	7	21	0.3	45	30	75	1.3
Hypertension with heart involvement	1	3	4	0.06	4	6	10	0.2
Acute myocardial infarction.....	45	40	85	1.3	163	63	226	3.9
Other forms of ischaemic heart disease.....	16	9	25	0.4	19	8	27	0.5
Diseases of pulmonary circulation & other forms of heart disease...	244	177	421	6.6	314	253	567	9.9
Cerebrovascular disease.....	85	45	130	2.0	169	84	253	4.4
Atherosclerosis.....	0	0	0	-	5	8	13	0.2
Other diseases of arteries, arterioles and capillaries.....	7	8	15	0.1	11	7	18	0.3
Venous thrombosis and embolism.....	0	0	0	-	1	1	2	0.03
Other diseases of circulatory system.....	30	7	37	0.6	39	14	53	0.4
Acute respiratory infections, except bronchitis and bronchilitis.....	2	3	5	0.08	6	0	6	0.1
Acute bronchitis & bronchiolitis...	9	5	14	0.2	4	2	6	0.1
Pneumonia.....	336	252	588	9.2	352	261	613	10.7
Influenza.....	12	12	24	0.4	19	11	30	0.5
Chronic obstructive pulmonary diseases & allied conditions.....	50	36	86	1.5	65	51	116	2.0
Other diseases of respiratory system.....	53	29	82	1.3	53	45	98	1.7
Diseases of oral cavity, salivary glands and jaws.....	1	2	3	0.05	0	0	0	-
Gastric, duodenal and peptic ulcer, sites unspecified.....	51	19	70	1.1	104	44	148	2.6
Appendicitis.....	25	13	38	0.6	18	5	24	0.4
Hernia of abdominal cavity.....	1	2	3	0.05	3	0	3	0.05
Chronic liver diseases & cirrhosis.	12	3	15	0.2	29	8	37	0.6

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate\100,000 Pop.
PHILIPPINES
1989

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C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	6	4	10	0.2	8	3	11	0.3
Neurotic disorders, personality disorder & other mental disorders..	20	5	25	0.5	22	1	23	0.5
Mental retardation.....	0	0	0	-	0	0	0	-
Meningitis.....	37	50	87	1.7	27	20	47	1.1
Epilepsy.....	75	40	115	2.3	50	41	91	2.1
Other diseases of nervous system..	52	29	81	1.6	43	24	67	1.5
Acute rheumatic fever.....	0	3	3	0.06	1	0	1	0.02
Chronic rheumatic heart disease....	83	136	219	4.4	62	95	157	3.6
Hypertension without heart involvement.....	94	31	125	2.5	155	71	226	5.2
Hypertension with heart involvement	15	8	23	0.5	27	17	44	1.0
Acute myocardial infarction.....	241	90	331	6.6	353	133	486	11.2
Other forms of ischaemic heart disease.....	29	17	46	0.9	31	23	54	1.2
Diseases of pulmonary circulation & other forms of heart disease...	322	297	619	12.3	362	315	677	15.6
Cerebrovascular disease.....	222	89	311	6.2	263	96	359	8.2
Atherosclerosis.....	3	0	3	0.06	0	1	1	0.02
Other diseases of arteries, arterioles and capillaries.....	14	14	28	0.6	15	6	21	0.5
Venous thrombosis and embolism.....	1	2	3	0.06	0	1	1	0.02
Other diseases of circulatory system.....	48	15	63	1.3	38	23	61	1.4
Acute respiratory infections, except bronchitis and bronchilitis.....	1	1	2	0.04	0	2	2	0.05
Acute bronchitis & bronchiolitis...	5	3	8	0.2	2	3	5	0.2
Pneumonia.....	334	239	573	11.4	315	228	543	12.5
Influenza.....	14	11	25	0.5	11	5	16	0.4
Chronic obstructive pulmonary diseases & allied conditions.....	97	58	155	3.1	106	91	197	4.5
Other diseases of respiratory system.....	56	47	103	2.0	58	34	92	2.1
Diseases of oral cavity, salivary glands and jaws.....	1	2	3	0.06	1	1	2	0.05
Gastric, duodenal and peptic ulcer, sites unspecified.....	94	50	144	2.9	135	52	187	4.3
Appendicitis.....	16	13	29	0.6	15	5	20	0.5
Hernia of abdominal cavity.....	3	1	4	0.08	4	0	4	0.09
Chronic liver diseases & cirrhosis..	61	12	73	1.5	110	14	124	2.8

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate\100,000 Pop.
PHILIPPINES
1989

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	5	1	6	0.2	4	0	4	0.1
Neurotic disorders, personality disorder & other mental disorders.	23	4	27	0.8	28	4	32	1.2
Mental retardation.....	0	0	0	-	1	0	1	0.04
Meningitis.....	26	29	55	1.5	18	18	36	1.3
Epilepsy.....	39	30	69	1.9	19	12	31	1.1
Other diseases of nervous system..	39	29	68	1.9	31	24	55	2.0
Acute rheumatic fever.....	0	0	0	-	0	0	0	-
Chronic rheumatic heart disease....	74	108	182	5.1	48	70	118	4.3
Hypertension without heart involvement.....	231	107	338	9.4	337	144	481	17.4
Hypertension with heart involvement	33	27	60	1.7	58	30	88	3.2
Acute myocardial infarction.....	463	174	637	17.8	545	181	726	26.3
Other forms of ischaemic heart disease.....	45	16	61	1.7	57	24	81	2.9
Diseases of pulmonary circulation & other forms of heart disease....	396	298	694	19.3	434	299	733	26.5
Cerebrovascular disease.....	339	148	487	13.6	445	179	624	22.6
Atherosclerosis.....	5	1	6	0.2	9	4	13	0.5
Other diseases of arteries, arterioles and capillaries.....	9	8	17	0.5	9	7	16	0.6
Venous thrombosis and embolism.....	0	0	0	-	0	0	0	-
Other diseases of circulatory system.....	36	19	55	1.5	40	7	47	1.7
Acute respiratory infections, except bronchitis and bronchilitis.....	1	1	2	0.06	3	0	3	0.1
Acute bronchitis & bronchiolitis....	4	1	5	0.2	4	2	6	0.2
Pneumonia.....	314	224	538	15.0	297	189	486	17.6
Influenza.....	13	7	20	0.6	20	5	25	0.9
Chronic obstructive pulmonary diseases & allied conditions.....	110	77	187	5.2	122	73	195	7.1
Other diseases of respiratory system.....	79	46	125	3.5	79	45	124	4.5
Diseases of oral cavity, salivary glands and jaws.....	1	1	2	0.06	0	1	1	0.04
Gastric, duodenal and peptic ulcer, sites unspecified.....	171	47	218	6.1	225	61	286	10.4
Appendicitis.....	11	2	13	0.4	7	2	9	0.3
Hernia of abdominal cavity.....	6	2	8	0.2	5	1	6	0.2
Chronic liver diseases & cirrhosis.	183	30	213	5.9	246	39	285	10.3

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate\100,000 Pop.
PHILIPPINES
1989

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C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	4	2	6	0.3	3	1	4	0.2
Neurotic disorders, personality disorder & other mental disorders.	27	4	31	1.4	23	5	28	1.6
Mental retardation.....	0	0	0	-	0	0	0	-
Meningitis.....	24	14	38	1.7	13	10	23	1.3
Epilepsy.....	20	9	29	1.3	19	11	30	1.7
Other diseases of nervous system..	31	16	47	2.1	41	20	61	3.5
Acute rheumatic fever.....	1	1	2	0.09	0	1	1	0.06
Chronic rheumatic heart disease....	37	60	97	4.3	33	36	69	3.9
Hypertension without heart involvement.....	482	242	724	32.4	657	359	1016	58.0
Hypertension with heart involvement	87	44	131	5.9	107	76	183	10.4
Acute myocardial infarction.....	647	215	862	38.6	777	290	1067	60.9
Other forms of ischaemic heart disease.....	74	26	100	4.5	90	50	140	8.0
Diseases of pulmonary circulation & other forms of heart disease...	550	363	913	40.8	671	407	1078	61.5
Cerebrovascular disease.....	585	289	874	39.1	809	446	1255	71.6
Atherosclerosis.....	8	5	13	0.6	12	5	17	1.0
Other diseases of arteries, arterioles and capillaries.....	10	6	16	0.7	20	3	23	1.3
Venous thrombosis and embolism.....	1	2	3	0.1	3	2	5	0.3
Other diseases of circulatory system.....	26	12	38	1.7	28	10	38	2.2
Acute respiratory infections, except bronchitis and bronchilitis.....	2	0	2	0.09	3	0	3	0.2
Acute bronchitis & bronchiolitis...	1	2	3	0.1	6	3	9	0.5
Pneumonia.....	422	221	643	28.8	488	265	753	43.0
Influenza.....	16	8	24	1.1	19	10	29	1.7
Chronic obstructive pulmonary diseases & allied conditions.....	195	103	298	13.3	303	115	418	23.8
Other diseases of respiratory system.....	88	53	141	6.3	103	63	166	9.5
Diseases of oral cavity, salivary glands and jaws.....	2	1	3	0.1	2	1	3	0.2
Gastric, duodenal and peptic ulcer, sites unspecified.....	299	82	381	17.0	310	112	422	24.1
Appendicitis.....	10	4	14	0.6	8	4	12	0.7
Hernia of abdominal cavity.....	4	3	7	0.3	12	1	13	0.7
Chronic liver diseases & cirrhosis.	247	36	283	12.7	323	49	372	21.2

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate\100,000 Pop.
PHILIPPINES
1989

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	3	1	4	0.2	3	5	8	0.7
Neurotic disorders, personality disorder & other mental disorders.	26	9	29	1.7	15	1	16	1.4
Mental retardation.....	0	0	0	-	0	0	0	-
Meningitis.....	16	10	26	1.5	11	5	16	1.4
Epilepsy.....	10	9	19	1.1	7	0	7	0.6
Other diseases of nervous system..	35	23	58	3.3	31	16	47	4.1
Acute rheumatic fever.....	0	1	1	0.06	0	0	0	-
Chronic rheumatic heart disease....	24	37	61	3.5	28	41	69	6.0
Hypertension without heart involvement.....	662	388	1050	60.0	852	512	1374	119.3
Hypertension with heart involvement	141	73	214	12.2	183	115	298	25.9
Acute myocardial infarction.....	885	345	1230	70.2	942	442	1384	120.1
Other forms of ischaemic heart disease.....	147	76	223	12.7	167	125	292	25.3
Diseases of pulmonary circulation & other forms of heart disease...	812	481	1293	73.8	917	687	1604	139.2
Cerebrovascular disease.....	926	461	1387	79.1	1086	623	1709	148.3
Atherosclerosis.....	20	14	34	1.9	43	30	73	6.3
Other diseases of arteries, arterioles and capillaries.....	12	10	22	1.3	15	4	19	1.6
Venous thrombosis and embolism.....	4	2	6	0.3	10	2	12	1.0
Other diseases of circulatory system.....	26	9	35	2.0	21	13	34	3.0
Acute respiratory infections, except bronchitis and bronchilitis.....	5	2	7	0.4	4	1	5	0.4
Acute bronchitis & bronchiolitis...	2	2	4	0.2	6	4	10	0.9
Pneumonia.....	582	332	914	52.1	690	527	1217	105.6
Influenza.....	17	12	29	1.7	22	10	32	2.8
Chronic obstructive pulmonary diseases & allied conditions.....	376	143	519	29.6	518	208	726	63.0
Other diseases of respiratory system.....	137	78	215	12.3	222	122	344	29.9
Diseases of oral cavity, salivary glands and jaws.....	2	0	2	0.1	1	2	3	0.3
Gastric, duodenal and peptic ulcer, sites unspecified.....	383	129	512	29.2	457	157	614	53.3
Appendicitis.....	10	7	17	1.0	9	8	17	1.5
Hernia of abdominal cavity.....	9	2	11	0.6	10	5	15	1.3
Chronic liver diseases & cirrhosis.	263	61	324	18.5	206	67	273	23.7

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate\100,000 Pop.
PHILIPPINES
1969

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C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Psychoses.....	10	5	15	1.6	40	53	93	7.0
Neurotic disorders, personality disorder & other mental disorders.	12	3	15	1.6	12	9	21	1.6
Mental retardation.....	0	0	0	-	0	0	0	-
Meningitis.....	10	6	16	1.8	31	17	48	3.6
Epilepsy.....	7	3	10	1.1	20	15	35	2.6
Other diseases of nervous system..	37	40	77	8.4	114	109	223	16.7
Acute rheumatic fever.....	1	0	1	0.1	2	3	5	0.4
Chronic rheumatic heart disease....	31	33	64	7.0	120	103	223	16.7
Hypertension without heart involvement.....	946	708	1654	181.4	2883	2741	5624	422.1
Hypertension with heart involvement	188	151	339	37.2	680	643	1323	99.3
Acute myocardial infarction.....	919	502	1421	155.9	2648	2376	5024	377.1
Other forms of ischaemic heart disease.....	172	163	335	36.7	1560	1843	3403	255.4
Diseases of pulmonary circulation & other forms of heart disease...	1051	826	1877	205.9	4734	4784	9518	714.4
Cerebrovascular disease.....	1112	883	1995	218.8	3853	3879	7732	580.3
Atherosclerosis.....	57	44	101	11.1	864	1118	1982	148.8
Other diseases of arteries, arterioles and capillaries.....	16	11	27	3.0	55	47	102	7.7
Venous thrombosis and embolism.....	3	3	6	0.7	15	8	23	1.7
Other diseases of circulatory system.....	23	16	39	4.3	36	59	95	7.1
Acute respiratory infections, except bronchitis and bronchilitis.....	2	3	5	0.5	7	7	14	1.1
Acute bronchitis & bronchiolitis...	6	4	10	1.1	34	46	80	6.0
Pneumonia.....	832	612	1444	158.4	4541	4708	9249	694.2
Influenza.....	28	24	52	5.7	103	124	227	17.0
Chronic obstructive pulmonary diseases & allied conditions.....	605	266	871	95.5	1701	1060	2761	207.2
Other diseases of respiratory system.....	256	186	442	48.5	1835	2223	4058	304.6
Diseases of oral cavity, salivary glands and jaws.....	0	3	3	0.3	4	4	8	0.6
Gastric, duodenal and peptic ulcer, sites unspecified.....	457	209	666	73.1	1134	772	1906	143.1
Appendicitis.....	5	4	9	1.0	16	8	24	1.8
Hernia of abdominal cavity.....	10	4	14	1.5	43	8	51	3.8
Chronic liver diseases & cirrhosis.	168	62	230	25.2	304	134	438	32.9

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Psychoses.....	0	0	0	-
Neurotic disorders, personality disorders and other mental disorders.....	0	0	0	-
Mental retardation.....	0	0	0	-
Meningitis.....	0	0	0	-
Epilepsy.....	0	0	0	-
Other diseases of nervous system.....	0	0	0	-
Acute rheumatic fever.....	0	0	0	-
Chronic rheumatic heart disease.....	0	0	0	-
Hypertension without heart involvement.....	1	0	1	-
Hypertension with heart involvement.....	0	1	1	-
Acute myocardial infarction.....	1	0	1	-
Other forms of ischaemic heart disease.....	0	0	0	-
Diseases of pulmonary circulation & other forms of heart disease.....	0	0	0	-
Cerebrovascular disease.....	0	1	1	-
Atherosclerosis.....	0	0	0	-
Other diseases of arteries, arterioles, and capillaries.....	0	0	0	-
Venous thrombosis and embolism.....	0	0	0	-
Other diseases of circulatory system.....	0	0	0	-
Acute respiratory infections, except bronchitis and bronchiolitis.....	0	0	0	-
Acute bronchitis and bronchiolitis.....	0	0	0	-
Pneumonia.....	1	0	1	-
Influenza.....	0	0	0	-
Chronic obstructive pulmonary disease and allied conditions.....	1	0	1	-
Other diseases of respiratory system.....	2	0	2	-
Diseases of oral cavity, salivary glands and jaws.....	0	0	0	-
Gastric, duodenal and peptic ulcer, sites unspecified.....	0	0	0	-
Appendicitis.....	0	0	0	-
Hernia of abdominal cavity.....	0	0	0	-
Chronic liver diseases & cirrhosis.....	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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C A U S E	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....(574-576)	96	70	166	0.3
Other diseases of digestive system(530;534-537;555-570;572;573;577-579)	3144	1237	4381	7.3
Nephritis, nephrotic syndrome and nephrosis.....(580-589)	3070	2040	5110	8.5
Infection of kidney.....(590)	210	182	392	0.7
Calculus of kidney, ureter and lower urinary tract.....(592;594)	38	23	61	0.1
Hyperplasia of prostate.....(600)	65	0	65	0.1
Other diseases of genito-urinary system.....(591;593;595-599;601-608;610;611;614-616;617-629)	516	444	960	1.6
Pregnancy with abortive outcome..(630-639)	0	162	162	0.3
Hemorrhages related to pregnancy.(640;641)	0	103	103	0.2
Hypertension complicating pregnancy, childbirth and puerperium.....(642)	0	483	483	0.8
Postpartum hemorrhage.....(666)	0	429	429	0.7
Normal delivery and other complications related to pregnancy, occurring in the course of labor, delivery and puerperium.....(643-648;650-665;667-676)	0	400	400	0.7
Diseases of the skin and subcutaneous tissues.....(680-686;690-698;700-709)	203	177	380	0.6
Arthropathies, dorsopathies and rheumatism.....(710-729)	317	225	542	0.9
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....(730-739)	41	19	60	0.1
Congenital Anomalies.....(740-759)	1569	1191	2760	4.6
Birth trauma.....(767)	27	13	40	0.07
Birth injury and difficult labor.....(768;772)	721	501	1222	2.0
Respiratory conditions of fetus and newborn.....(769-771)	3762	2516	6278	10.4
Hemolytic diseases of fetus and newborn.....(773;774)	59	32	91	0.2
Hematological disorders of fetus and newborn.....(776)	26	12	38	0.06
Other causes of perinatal morbidity and mortality.....(760-763;764-766;775;777-779)	5204	3780	8984	14.9

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	7	9	16	0.9	2	2	4	0.06
Other diseases of digestive system.....	230	128	358	20.6	174	127	301	4.5
Nephritis, nephrotic syndrome and nephrosis.....	33	27	60	3.5	102	88	190	2.9
Infection of kidney.....	2	0	2	0.1	3	3	6	0.09
Calculus of kidney, ureter and lower urinary tract.....	0	0	0	-	0	0	0	-
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito-urinary system.....	14	9	23	1.3	11	14	25	0.4
Pregnancy with abortive outcome....	0	0	0	-	0	0	0	-
Hemorrhages related to pregnancy...	0	0	0	-	0	0	0	-
Hypertension complicating pregnancy childbirth and puerperium.....	0	0	0	-	0	0	0	-
Postpartum hemorrhage.....	0	0	0	-	0	0	0	-
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium...	0	0	0	-	0	0	0	-
Diseases of the skin and subcutaneous tissues.....	29	29	58	3.3	26	11	37	0.6
Arthropathies, dorsopathies and rheumatism.....	9	7	16	0.9	1	2	3	0.05
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	2	4	6	0.3	1	2	3	0.05
Congenital Anomalies.....	1225	875	2100	120.8	156	143	299	4.5
Birth trauma.....	27	13	40	2.3	0	0	0	-
Birth injury and difficult labor.....	721	501	1222	70.3	0	0	0	-
Respiratory conditions of fetus and newborn.....	3762	2516	6278	361.0	0	0	0	-
Hemolytic diseases of fetus and newborn.....	59	32	91	5.2	0	0	0	-
Hematological disorders of fetus and newborn.....	26	12	38	2.2	0	0	0	-
Other causes of perinatal morbidity and mortality.....	5204	3780	8984	516.6	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
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PHILIPPINES
1989

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C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	2	0	2	0.09	3	0	3	0.04
Other diseases of digestive system.....	94	74	168	2.2	48	31	79	1.1
Nephritis, nephrotic syndrome and nephrosis.....	76	55	131	1.7	57	33	90	1.2
Infection of kidney.....	2	1	3	0.04	2	3	5	0.07
Calculus of kidney, ureter and lower urinary tract.....	0	1	1	0.01	1	0	1	0.01
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito-urinary system.....	7	6	13	0.2	7	3	10	0.1
Pregnancy with abortive outcome....	0	0	0	-	0	17	17	0.2
Hemorrhages related to pregnancy....	0	0	0	-	0	11	11	0.2
Hypertension complicating pregnancy childbirth and puerperium.....	0	0	0	-	0	24	24	0.3
Postpartum hemorrhage.....	0	0	0	-	0	3	3	0.04
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium....	0	0	0	-	0	178	178	2.4
Diseases of the skin and subcutaneous tissues.....	6	5	11	0.1	5	8	13	0.2
Arthropathies, dorsopathies and rheumatism.....	3	1	4	0.05	3	3	6	0.08
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	3	0	3	0.04	2	1	3	0.04
Congenital Anomalies.....	42	60	102	1.3	32	24	56	0.8
Birth trauma.....	0	0	0	-	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1969

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	1	0	1	0.02	3	0	3	0.05
Other diseases of digestive system.....	97	31	128	0.4	270	56	236	5.7
Nephritis, nephrotic syndrome and nephrosis.....	79	49	127	2.0	122	59	181	3.2
Infection of kidney.....	5	2	7	0.1	3	8	11	0.2
Calculus of kidney, ureter and lower urinary tract.....	2	1	3	0.05	0	1	1	0.02
Hyperplasia of prostate.....	0	0	0	-	1	0	1	0.02
Other diseases of genito-urinary system.....	11	8	19	0.3	16	17	33	0.6
Pregnancy with abortive outcome....	0	11	11	0.2	0	30	30	0.5
Hemorrhages related to pregnancy...	0	4	4	0.06	0	15	15	0.3
Hypertension complicating pregnancy: childbirth and puerperium.....	0	10	10	0.2	0	38	38	0.7
Postpartum hemorrhage.....	0	26	26	0.4	0	80	80	1.4
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium...	0	8	8	0.1	0	33	33	0.6
Diseases of the skin and subcutaneous tissues.....	6	8	14	0.2	8	6	14	0.2
Arthropathies, dorsopathies and rheumatism.....	3	1	4	0.06	4	1	5	0.09
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	2	0	2	0.03	1	0	1	0.02
Congenital anomalies.....	27	17	44	0.7	17	20	37	0.6
Birth trauma.....	0	0	0	-	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
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C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	4	1	5	0.1	6	1	7	0.2
Other diseases of digestive system.....	309	58	361	7.2	249	54	303	7.0
Nephritis, nephrotic syndrome and nephrosis.....	130	82	212	4.2	110	86	196	4.5
Infection of kidney.....	7	6	13	0.3	5	6	11	0.3
Calculus of kidney, ureter and lower urinary tract.....	1	1	2	0.04	1	2	3	0.07
Hyperplasia of prostate.....	1	0	1	0.02	0	0	0	-
Other diseases of genito-urinary system.....	11	19	30	0.6	18	25	43	1.0
Pregnancy with abortive outcome....	0	32	32	0.6	0	27	27	0.6
Hemorrhages related to pregnancy...	0	13	13	0.3	0	22	22	0.5
Hypertension complicating pregnancy, childbirth and puerperium.....	0	31	31	0.6	0	31	31	0.7
Postpartum hemorrhage.....	0	88	88	1.8	0	95	95	0.2
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium...	0	51	51	1.0	0	35	35	0.8
Diseases of the skin and subcutaneous tissues.....	5	7	12	0.2	11	8	19	0.4
Arthropathies, dorsopathies and rheumatism.....	4	1	5	0.1	6	7	13	0.3
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	3	1	4	0.08	1	0	1	0.02
Congenital Anomalies.....	11	11	22	0.4	4	4	8	0.2
Birth trauma.....	0	0	0	-	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	4	3	7	0.2	3	0	3	0.1
Other diseases of digestive system.....	266	62	328	9.1	198	42	240	8.7
Nephritis, nephrotic syndrome and nephrosis.....	125	84	209	5.8	158	79	237	8.6
Infection of kidney.....	9	6	17	0.5	6	5	11	0.4
Calculus of kidney, ureter & lower urinary tract.....	0	2	2	0.06	1	2	3	0.1
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito-urinary system.....	17	18	35	1.0	25	27	52	1.9
Pregnancy with abortive outcome....	0	29	29	0.8	0	8	8	0.3
Hemorrhages related to pregnancy...	0	22	22	0.6	0	9	9	0.3
Hypertension complicating pregnancy, childbirth and puerperium.....	0	46	46	1.3	0	36	36	1.3
Postpartum hemorrhage.....	0	90	90	2.5	0	35	35	1.3
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium...	0	44	44	1.2	0	26	26	0.9
Diseases of the skin and subcutaneous tissues.....	1	6	7	0.2	3	7	10	0.4
Arthropathies, dorsopathies and rheumatism.....	3	5	8	0.2	4	3	7	0.3
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	2	1	3	0.08	0	0	0	-
Congenital Anomalies.....	4	2	6	0.2	1	3	4	0.1
Birth trauma.....	0	0	0	-	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
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C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	6	4	10	0.4	6	6	12	0.7
Other diseases of digestive system.....	188	60	248	11.1	191	66	257	14.6
Nephritis, nephrotic syndrome and nephrosis.....	162	104	266	11.9	168	115	283	16.1
Infection of kidney.....	14	9	23	1.0	14	10	24	1.4
Calculus of kidney, ureter and lower urinary tract.....	1	2	3	0.1	2	1	3	0.2
Hyperplasia of prostate.....	1	0	1	0.04	2	0	2	0.1
Other diseases of genito-urinary system.....	95	25	60	2.7	36	24	60	3.4
Pregnancy with abortive outcome....	0	4	4	0.2	0	4	4	0.2
Hemorrhages related to pregnancy...	0	1	1	0.04	0	6	6	0.3
Hypertension complicating pregnancy, childbirth and puerperium.....	0	22	22	1.0	0	245	245	14.0
Postpartum hemorrhage.....	0	6	6	0.3	0	6	6	0.3
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium...	0	6	6	0.3	0	19	19	1.1
Diseases of the skin and subcutaneous tissues.....	7	10	17	0.8	8	6	14	0.8
Arthropathies, dorsopathies and rheumatism.....	5	3	8	0.4	8	6	14	0.8
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	2	2	4	0.2	2	0	2	0.1
Congenital Anomalies.....	1	2	3	0.1	7	4	11	0.6
Birth trauma.....	0	0	0	-	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	6	5	11	0.6	4	10	14	1.2
Other diseases of digestive system.....	195	73	268	15.3	159	74	233	20.2
Nephritis, nephrotic syndrome and nephrosis.....	213	118	331	18.9	245	168	413	35.8
Infection of kidney.....	19	11	30	1.7	19	17	36	3.1
Calculus of kidney, ureter and lower urinary tract.....	3	1	4	0.2	5	3	8	0.7
Hyperplasia of prostate.....	2	0	2	0.1	6	0	6	0.5
Other diseases of genito-urinary system.....	42	20	62	3.5	31	38	69	6.0
Pregnancy with abortive outcome....	0	0	0	-	0	0	0	-
Hemorrhages related to pregnancy...	0	0	0	-	0	0	0	-
Hypertension complicating pregnancy, childbirth and puerperium.....	0	0	0	-	0	0	0	-
Postpartum hemorrhage.....	0	0	0	-	0	0	0	-
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium...	0	0	0	-	0	0	0	-
Diseases of the skin and subcutaneous tissues.....	10	9	19	1.1	10	5	15	1.3
Arthropathies, dorsopathies and rheumatism.....	7	4	11	0.6	28	12	40	3.5
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	3	0	3	0.2	4	1	5	0.4
Congenital Anomalies.....	4	1	5	0.3	6	2	8	0.7
Birth trauma.....	0	0	0	-	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
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C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract.....	10	4	14	1.5	29	25	54	4.1
Other diseases of digestive system.....	145	70	215	23.6	337	231	568	42.6
Nephritis, nephrotic syndrome and nephrosis.....	264	159	423	46.4	1026	735	1761	132.2
Infection of kidney.....	21	22	43	4.7	79	71	150	11.3
Calculus of kidney, ureter and lower urinary tract.....	3	2	5	0.5	18	4	22	1.7
Hyperplasia of prostate.....	14	0	14	1.5	38	0	38	2.9
Other diseases of genito-urinary system.....	46	30	76	8.3	189	161	350	26.9
Pregnancy with abortive outcome....	0	0	0	-	0	0	0	-
Hemorrhages related to pregnancy...	0	0	0	-	0	0	0	-
Hypertension complicating pregnancy, childbirth and puerperium.....	0	0	0	-	0	0	0	-
Postpartum hemorrhage.....	0	0	0	-	0	0	0	-
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium...	0	0	0	-	0	0	0	-
Diseases of the skin and subcutaneous tissues.....	19	3	22	2.4	49	49	98	7.4
Arthropathies, dorsopathies and rheumatism.....	46	25	71	7.8	193	144	327	24.5
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	3	2	5	0.5	10	5	15	1.1
Congenital Anomalies.....	5	4	9	1.0	27	19	46	3.5
Birth trauma.....	0	0	0	-	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of of the biliary tract.....	0	0	0	-
Other diseases of digestive system.....	0	0	0	-
Nephritis, nephrotic syndrome and nephrosis.....	0	0	0	-
Infection of kidney.....	0	0	0	-
Calculus of kidney, ureter and lower urinary tract.....	0	0	0	-
Hyperplasia of prostate.....	0	0	0	-
Other diseases of genito-urinary system.....	0	0	0	-
Pregnancy with abortive outcome.....	0	0	0	-
Hemorrhages related to pregnancy.....	0	0	0	-
Hypertension complicating pregnancy, childbirth and puerperium.....	0	0	0	-
Postpartum hemorrhage.....	0	0	0	-
Normal delivery and other complications related to pregnancy, occurring in the course of labor, delivery and puerperium.....	0	0	0	-
Diseases of the skin and subcutaneous tissues.....	0	0	0	-
Arthropathies, dorsopathies and rheumatism.....	0	0	0	-
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....	0	0	0	-
Congenital Anomalies.....	0	0	0	-
Birth trauma.....	0	0	0	-
Birth injury and difficult labor.....	0	0	0	-
Respiratory conditions of fetus and newborn.....	0	0	0	-
Hemolytic diseases of fetus and newborn.....	0	0	0	-
Hematological disorders of fetus and newborn.....	0	0	0	-
Other causes of perinatal morbidity and mortality.....	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
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C A U S E	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Senility without mention of psychoses. (797)	5200	7187	12387	20.6
Symptoms, signs and ill-defined conditions..... (780-796; 798-799)	5242	3322	8564	14.3
Fractures, dislocations, sprains and strains..... (800-848)	686	245	931	1.5
Intracranial injury, excluding those with skull fracture.... (850-854; 950-957)	735	274	1009	1.7
Internal injury of chest, abdomen and pelvis..... (860-869)	158	60	218	0.4
Open wounds..... (870-887; 890-897)	491	86	577	1.0
Burns..... (940-949)	187	155	342	0.6
Poisoning and toxic effects..... (960-989)	141	37	178	0.3
All others, and unspecified effects of external causes. (900-939; 958; 959; 990-999)	703	255	958	1.6
Railway accidents..... (E800-E807)	54	19	73	0.1
Motor vehicle traffic accidents. (E810-E819)	1921	778	2699	4.5
Water and transport accidents... (E830-E839)	5	5	10	0.02
Air & space transport accidents. (E840-E845)	6	0	6	0.01
Other transport accidents..... (E820-E829; E846-E849)	18	6	24	0.04
Accidental poisoning, all kinds. (E850-E869)	114	82	196	0.3
Accidental falls..... (E880-E889)	406	141	547	0.9
Accidents caused by fires and flames..... (E890-E899)	29	26	55	0.09
Accidents due to natural and environmental..... (E900-E909)	416	137	553	0.9
Accidents caused by submersion, suffocation and foreign bodies..... (E910-E915)	1933	758	2691	4.5
All other accidents, including adverse effects in therapeutic use of drugs medicaments and other biological substances, and late effects of accidental injury..... (E870-E876; E878; E879; E916-E949)	573	113	686	1.1
Suicide & self-inflicted injury. (E950-E959)	203	91	294	0.5
Legal intervention..... (E970-E978)	32	9	41	0.07
Homicide and injury purposely inflicted by other persons.... (E960-E969)	119	29	148	0.2
Injury undetermined whether accidentally or purposely inflicted..... (E980-E989)	14819	1537	16356	27.2
Injury resulting from operations of war..... (E990-E999)	30	3	33	0.05

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & rate/100,000 Pop.
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1989

C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses..	0	0	0	-	0	0	0	-
Symptoms, signs and ill-defined conditions.....	729	480	1209	69.5	485	434	919	13.9
Fractures, dislocations, sprains and strains.....	6	5	11	0.6	17	14	31	0.5
Intracranial injury, excluding those with skull fracture.....	15	12	27	1.6	22	13	35	0.5
Internal injury of chest, abdomen and pelvis.....	2	0	2	0.1	5	3	8	0.1
Open wounds.....	3	1	4	0.2	10	4	14	0.2
Burns.....	11	12	23	1.3	29	33	62	0.9
Poisoning and toxic effects.....	5	3	8	0.5	1	6	7	0.1
All others, and unspecified effects of external causes.....	35	23	58	3.3	43	27	70	1.1
Railway accidents.....	3	3	6	0.3	3	3	6	0.09
Motor vehicle traffic accidents.....	10	7	17	1.0	67	54	121	1.9
Water and transport accidents.....	0	0	0	-	1	0	1	0.02
Air & space transport accidents.....	0	0	0	-	0	0	0	-
Other transport accidents.....	0	0	0	-	2	3	5	0.08
Accidental poisoning, all kinds.....	0	0	0	-	24	16	40	0.6
Accidental falls.....	13	10	23	1.3	7	7	14	0.2
Accidents caused by fires & flames.....	2	3	5	0.3	7	7	14	0.2
Accidents due to natural and environmental.....	7	2	9	0.5	18	9	27	0.4
Accidents caused by submersion, suffocation & foreign bodies.....	27	19	46	2.6	325	225	550	9.3
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	2	4	6	0.3	16	5	21	0.3
Suicide and self-inflicted injury.....	0	0	0	-	0	0	0	-
Legal intervention.....	0	0	0	-	0	3	3	0.05
Homicide and injury purposely inflicted by other persons.....	1	0	1	0.06	4	1	5	0.08
Injury undetermined whether accidentally or purposely inflicted.....	32	10	42	2.4	67	44	111	1.7
Injury resulting from operations of war.....	2	0	2	0.1	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & rate/100,000 Pop.
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C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses..	0	0	0	-	0	0	0	-
Symptoms, signs and ill-defined conditions.....	203	147	350	4.5	118	88	206	2.8
Fractures, dislocations, sprains and strains.....	46	26	72	0.9	34	12	46	0.6
Intracranial injury, excluding those with skull fracture.....	55	29	84	1.1	31	21	52	0.7
Internal injury of chest, abdomen and pelvis.....	5	2	7	0.09	14	2	16	0.2
Open wounds.....	17	7	24	0.3	11	7	18	0.2
Burns.....	19	21	40	0.5	13	8	21	0.3
Poisoning and toxic effects.....	2	0	2	0.03	4	2	6	0.08
All others, and unspecified effects of external causes.....	40	15	55	0.7	25	10	35	0.5
Railway accidents.....	1	1	2	0.03	0	0	0	-
Motor vehicle traffic accidents.....	233	129	362	4.7	124	69	193	2.6
Water and transport accidents.....	1	1	2	0.03	0	0	0	-
Air & space transport, accidents.....	0	0	0	-	0	0	0	-
Other transport accidents.....	1	1	2	0.03	1	1	2	0.03
Accidental poisoning, all kinds.....	2	3	5	0.06	3	3	6	0.08
Accidental falls.....	18	14	32	0.4	31	7	38	0.5
Accidents caused by fires & flames.....	2	6	8	0.1	1	1	2	0.03
Accidents due to natural and environmental.....	41	14	55	0.7	51	26	77	1.1
Accidents caused by submersion, suffocation & foreign bodies.....	301	132	433	5.6	198	102	300	4.1
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	29	10	39	0.5	48	9	57	0.8
Suicide and self-inflicted injury.....	0	0	0	-	0	0	0	-
Legal intervention.....	1	1	2	0.03	1	0	1	0.01
Homicide and injury purposely inflicted by other persons.....	7	7	14	0.2	5	5	10	0.1
Injury undetermined whether accidentally or purposely inflicted.....	75	41	116	1.5	121	43	164	2.2
Injury resulting from operations of war.....	0	0	0	-	0	0	0	-

MORTALITY: 150 50 CAUSE-GROUPS BY AGE AND SEX
No. & rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses...	0	0	0	-	0	0	0	-
Symptoms, signs and ill-defined conditions.....	208	112	320	5.0	368	147	515	9.0
Fractures, dislocations, sprains and strains.....	49	6	55	0.9	76	16	92	1.6
Intracranial injury, excluding those with skull fracture.....	53	18	71	1.1	60	7	67	1.2
Internal injury of chest, abdomen and pelvis.....	11	2	13	0.2	17	10	27	0.5
Open wounds.....	21	2	23	0.4	50	3	53	0.9
Burns.....	12	3	15	0.2	19	16	35	0.6
Poisoning and toxic effects.....	7	5	12	0.2	14	3	17	0.3
All others, and unspecified effects of external causes.....	59	15	74	1.2	84	18	102	1.8
Railway accidents.....	2	0	2	0.03	4	0	4	0.07
Motor vehicle traffic accidents....	170	47	217	3.4	191	46	237	4.1
Water and transport accidents.....	1	1	2	0.03	0	2	2	0.03
Air & space transport accidents....	0	0	0	-	2	0	2	0.03
Other transport accidents.....	0	0	0	-	4	0	4	0.07
Accidental poisoning, all kinds....	20	20	40	0.6	24	23	47	0.8
Accidental falls.....	19	3	21	0.3	24	7	31	0.5
Accidents caused by fires & flames.	1	0	1	0.02	3	0	3	0.05
Accidents due to natural and environmental.....	33	9	42	0.7	46	9	55	1.0
Accidents caused by submersion, suffocation & foreign bodies.....	187	57	244	3.8	171	35	206	3.6
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	56	9	65	1.0	77	10	87	1.5
Suicide and self-inflicted injury.....	35	30	65	1.0	40	20	60	1.0
Legal intervention.....	2	0	2	0.03	6	1	7	0.1
Homicide and injury purposely inflicted by other persons.....	5	6	11	0.2	16	4	20	0.3
Injury undetermined whether accidentally or purposely inflicted.....	1093	216	1309	20.5	2570	203	2773	48.3
Injury resulting from operations of war.....	1	1	2	0.03	12	0	12	0.2

TABLE 25

MORTALITY: 150 SO CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

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C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses..	0	0	0	-	0	0	0	-
Symptoms, signs and ill-defined conditions.....	396	154	550	10.9	298	152	450	10.3
Fractures, dislocations, sprains and strains.....	69	13	82	1.6	63	15	78	1.8
Intracranial injury, excluding those with skull fracture.....	80	14	94	1.9	55	11	66	1.5
Internal injury of chest, abdomen and pelvis.....	23	6	29	0.6	13	10	23	0.5
Open wounds.....	76	3	79	1.6	59	4	63	1.4
Burns.....	14	4	18	0.4	12	5	17	0.4
Poisoning and toxic effects.....	23	3	26	0.5	21	0	21	0.5
All others, and unspecified effects of external causes.....	91	15	106	2.1	65	10	75	1.7
Railway accidents.....	2	2	4	0.08	2	1	3	0.07
Motor vehicle traffic accidents.....	213	46	259	5.2	169	41	210	0.2
Water and transport accidents.....	0	1	1	0.02	0	0	0	-
Air & space transport accidents.....	1	0	1	0.02	1	0	1	0.02
Other transport accidents.....	3	0	3	0.06	3	0	3	0.07
Accidental poisoning, all kinds.....	18	8	26	0.5	10	6	16	0.4
Accidental falls.....	20	3	23	0.5	21	0	21	0.5
Accidents caused by fires & flames.....	3	0	3	0.06	2	0	2	0.05
Accidents due to natural and environmental.....	45	6	51	1.0	22	5	27	0.6
Accidents caused by submersion, suffocation & foreign bodies.....	148	24	172	3.4	114	23	137	2.9
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	89	10	99	2.0	69	9	78	1.8
Suicide and self-inflicted injury.....	24	8	32	0.6	15	7	22	0.5
Legal intervention.....	14	1	15	0.3	4	2	6	0.1
Homicide and injury purposely inflicted by other persons.....	25	2	27	0.5	13	0	13	0.3
Injury undetermined whether accidentally or purposely inflicted.....	2696	158	2854	56.8	2244	146	2390	54.9
Injury resulting from operations of war.....	5	0	5	0.1	1	0	1	0.02

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses..	0	0	0	-	0	0	0	-
Symptoms, signs and ill-defined conditions.....	313	147	460	12.8	232	104	336	12.2
Fractures, dislocations, sprains and strains.....	49	10	59	1.6	58	7	65	2.4
Intracranial injury, excluding those with skull fracture.....	54	12	66	1.8	59	14	73	2.6
Internal injury of chest, abdomen and pelvis.....	12	12	24	0.7	18	2	20	0.7
Open wounds.....	64	6	70	2.0	39	5	44	1.6
Burns.....	7	6	13	0.4	11	3	14	0.5
Poisoning and toxic effects.....	9	5	14	0.4	6	0	6	0.2
All others, and unspecified effects of external causes.....	56	8	64	1.8	36	13	49	1.8
Railway accidents.....	2	0	2	0.06	3	0	3	0.1
Motor vehicle traffic accidents.....	158	46	204	5.7	119	45	164	5.9
Water and transport accidents.....	1	0	1	0.03	0	0	0	-
Air & space transport accidents.....	1	0	1	0.03	0	0	0	-
Other transport accidents.....	1	0	1	0.03	1	1	2	0.07
Accidental poisoning, all kinds.....	6	5	11	0.3	3	2	5	0.2
Accidental falls.....	22	5	27	0.8	26	5	31	1.1
Accidents caused by fires & flames.....	3	1	4	0.1	2	1	3	0.1
Accidents due to natural and environmental.....	32	8	40	1.1	30	10	40	1.4
Accidents caused by submersion, suffocation & foreign bodies.....	102	18	120	3.3	59	16	75	2.7
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	51	8	59	1.6	39	7	46	1.7
Suicide and self-inflicted injury.....	23	4	27	0.8	16	4	20	0.7
Legal intervention.....	1	0	1	0.03	0	0	0	-
Homicide and injury purposely inflicted by other persons.....	7	2	9	0.3	10	0	10	0.4
Injury undetermined whether accidentally or purposely inflicted.....	1908	144	2052	57.2	1253	112	1365	49.4
Injury resulting from operations of war.....	1	0	1	0.03	2	1	3	0.1

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
 No. & rate/100,000 Pop.
 PHILIPPINES
 1989

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C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses..	0	0	0	-	0	0	0	-
Symptoms, signs and ill-defined conditions.....	206	97	303	13.6	220	92	312	17.8
Fractures, dislocations, sprains and strains.....	31	9	40	1.8	38	11	49	2.8
Intracranial injury, excluding those with skull fracture.....	42	9	51	2.3	40	12	52	3.0
Internal injury of chest, abdomen and pelvis.....	16	2	18	0.8	2	2	4	0.2
Open wounds.....	31	9	40	1.8	29	4	33	1.9
Burns.....	8	4	12	0.5	7	9	16	0.9
Poisoning and toxic effects.....	14	0	14	0.6	7	4	11	0.6
All others, and unspecified effects of external causes.....	44	13	57	2.5	29	15	44	2.5
Railway accidents.....	3	1	4	0.2	3	2	5	0.3
Motor vehicle traffic accidents.....	92	30	122	5.5	88	34	122	7.0
Water and transport accidents.....	1	0	1	0.04	0	0	0	-
Air & space transport accidents.....	0	0	0	-	1	0	1	0.06
Other transport accidents.....	1	0	1	0.04	2	0	2	0.1
Accidental poisoning, all kinds.....	6	1	7	0.3	6	3	9	0.5
Accidental falls.....	27	3	30	1.3	19	8	27	1.5
Accidents caused by fires & flames.	0	0	0	-	1	1	2	0.1
Accidents due to natural and environmental.....	22	6	28	1.3	15	6	21	1.2
Accidents caused by submersion, suffocation & foreign bodies.....	66	19	85	3.8	53	17	70	4.0
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	28	8	36	1.6	29	5	34	1.9
Suicide and self-inflicted injury.....	8	3	11	0.5	14	3	17	1.0
Legal intervention.....	1	0	1	0.04	1	0	1	0.06
Homicide and injury purposely inflicted by other persons.....	9	0	9	0.4	6	0	6	0.3
Injury undetermined whether accidentally or purposely inflicted.....	942	108	1050	47.0	657	75	732	41.8
Injury resulting from operations of war.....	0	0	0	-	1	0	1	0.06

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1989

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses..	0	0	0	-	0	0	0	-
Symptoms, signs and ill-defined conditions.....	222	129	351	20.0	266	186	452	39.2
Fractures, dislocations, sprains and strains.....	36	13	49	2.8	30	18	48	4.2
Intracranial injury, excluding those with skull fracture.....	45	14	59	3.4	40	14	54	4.7
Internal injury of chest, abdomen and pelvis.....	7	1	8	0.5	5	2	7	0.6
Open wounds.....	22	7	29	1.7	19	5	24	2.1
Burns.....	5	3	8	0.5	5	2	7	0.6
Poisoning and toxic effects.....	8	1	9	0.5	9	0	9	0.8
All others, and unspecified effects of external causes.....	22	7	29	1.7	15	8	23	2.0
Railway accidents.....	2	1	3	0.2	5	1	6	0.5
Motor vehicle traffic accidents....	62	28	90	5.1	49	31	80	6.9
Water and transport accidents.....	0	0	0	-	0	0	0	-
Air & space transport accidents....	0	0	0	-	0	0	0	-
Other transport accidents.....	0	0	0	-	0	0	0	-
Accidental poisoning, all kinds....	3	0	3	0.2	3	3	6	0.5
Accidental falls.....	35	4	39	0.5	23	9	32	2.8
Accidents caused by fires & flames.	2	0	2	0.1	0	1	1	0.09
Accidents due to natural and environmental.....	14	9	23	1.3	13	8	21	1.8
Accidents caused by submersion, suffocation & foreign bodies.....	42	13	55	3.1	30	11	41	3.6
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	10	5	15	0.9	10	4	14	1.2
Suicide and self-inflicted injury.....	5	7	12	0.7	4	1	5	0.4
Legal intervention.....	0	0	0	-	0	1	1	0.09
Homicide and injury purposely inflicted by other persons.....	3	1	4	0.2	3	0	3	0.3
Injury undetermined whether accidentally or purposely inflicted.....	392	77	469	26.8	240	57	297	25.8
Injury resulting from operations of war.....	0	0	0	-	0	1	1	0.09

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE AND SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1969

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C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	MALE	FE- MALE	BOTH SEXES	RATE	MALE	FE- MALE	BOTH SEXES	RATE
Senility w/o mention of psychoses..	101	135	236	25.9	5098	7051	12149	911.9
Symptoms, signs and ill-defined conditions.....	202	136	338	37.1	776	717	1493	112.1
Fractures, dislocations, sprains and strains.....	31	11	42	4.6	53	59	112	8.4
Intracranial injury, excluding those with skull fracture.....	23	11	34	3.7	61	63	124	9.3
Internal injury of chest, abdomen and pelvis.....	1	0	1	0.1	7	4	11	0.8
Open wounds.....	15	3	18	2.0	24	16	40	3.0
Burns.....	5	8	13	1.4	10	18	28	2.1
Poisoning and toxic effects.....	3	1	4	0.4	8	4	12	0.9
All others, and unspecified effects of external causes.....	12	6	18	2.0	47	52	99	7.4
Railway accidents.....	3	0	3	0.3	16	4	20	1.5
Motor vehicle traffic accidents....	51	41	92	10.1	125	84	209	15.7
Water and transport accidents.....	0	0	0	-	0	0	0	-
Air & space transport accidents....	0	0	0	-	0	0	0	-
Other transport accidents.....	1	2	3	0.3	0	1	1	0.08
Accidental poisoning, all kinds....	3	0	3	0.3	5	2	7	0.5
Accidental falls.....	26	10	36	3.9	59	37	96	7.2
Accidents caused by fires & flames.	0	0	0	-	0	5	5	0.4
Accidents due to natural and environmental.....	11	3	14	1.5	16	7	23	1.7
Accidents caused by submersion, suffocation & foreign bodies.....	21	13	34	3.7	89	34	123	9.2
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	6	1	7	0.8	14	9	23	1.7
Suicide and self-inflicted injury.....	6	3	9	1.0	13	1	14	1.1
Legal intervention.....	0	0	0	-	1	0	1	0.08
Homicide and injury purposely inflicted by other persons.....	3	1	4	0.4	2	0	2	0.2
Injury undetermined whether accidentally or purposely inflicted.....	158	33	191	21.0	368	70	438	32.9
Injury resulting from operations of war.....	0	0	0	-	5	0	5	0.4

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
 No. & Rate/100,000 Pop.
 PHILIPPINES
 1989

C A U S E	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Senility without mention of psychoses.....	1	1	2	-
Symptoms, signs and ill-defined conditions.....	1	0	1	-
Fractures, dislocations, sprains and strains.....	0	0	0	-
Intracranial injury, excluding those with skull fracture.....	0	0	0	-
Internal injury of chest, abdomen and pelvis.....	0	0	0	-
Open wounds.....	1	0	1	-
Burns.....	0	0	0	-
Poisoning and toxic effects.....	0	0	0	-
All others, and unspecified effects of external causes.....	0	0	0	-
Railway accidents.....	0	0	0	-
Motor vehicle traffic accidents.....	0	0	0	-
Water and transport accidents.....	0	0	0	-
Air and space transport accidents.....	0	0	0	-
Other transport accidents.....	0	0	0	-
Accidental poisoning, all kinds.....	0	0	0	-
Accidental falls.....	0	0	0	-
Accidents caused by fires and flames.....	0	0	0	-
Accidents due to natural and environmental.....	0	0	0	-
Accidents caused by submersion, suffocation and foreign bodies.....	0	0	0	-
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, and late effects of accidental injury.....	0	0	0	-
Suicide and self-inflicted injury.....	0	0	0	-
Legal intervention.....	0	0	0	-
Homicide and injury purposely inflicted by other persons.....	0	0	0	-
Injury undetermined whether accidentally or purposely inflicted.....	3	0	3	-
Injury resulting from operations of war.....	0	0	0	-

TABLE 26

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MORTALITY: 17 CAUSE GROUPS
No. & Rate/100,000 Pop. & Percent Distribution
PHILIPPINES
1989

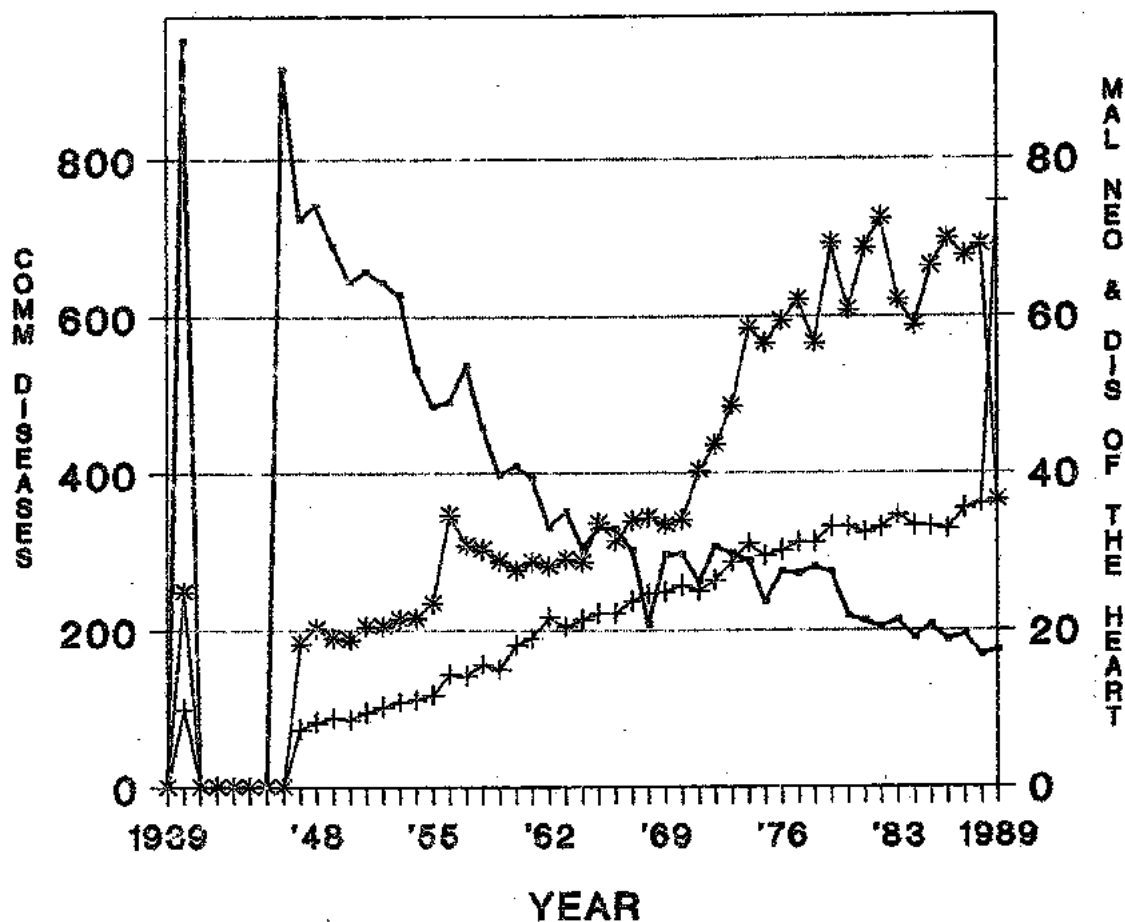
CAUSE GROUP	MALE	FEMALE	BOTH SEXES	RATE	% OF TOTAL DEATHS
TOTAL DEATHS FROM ALL CAUSES.....	192077	133544	325621	541.8	100.0
Infective and parasitic diseases.....(001-136)	30924	20334	51258	85.3	15.8
Neoplasms.....(140-239)	11853	10080	21933	36.5	6.7
Endocrine, Nutritional and Metabolic Diseases.....(250-279)	5813	5315	11128	18.5	3.4
Diseases of Blood and Blood Forming Organs.....(280-289)	1448	1479	2927	4.9	0.9
Mental Disorder.....(290-319)	324	126	450	0.7	0.1
Diseases of the Nervous System and Sense Organs.....(320-389)	2859	2118	4977	8.3	1.5
Diseases of Circulatory System.....(390-459)	44634	33916	78550	130.7	24.2
Diseases of the Respiratory System.....(460-519)	34519	28323	62842	105.6	19.3
Diseases of Digestive System.....(520-579)	9654	3766	13420	22.3	4.1
Diseases of Genito-Urinary System.....(580-629)	3899	2689	6588	11.0	2.0
Complication of pregnancy and the puerperium.....(630-676)	0	1577	1577	2.6	0.5
Diseases of the skin and subcutaneous tissues.....(680-709)	203	177	380	0.6	0.1
Diseases of musculoskeletal system and connective tissue.....(710-739)	358	244	602	1.0	0.2
Congenital Anomalies.....(740-759)	1569	1191	2760	4.6	0.9
Certain causes of perinatal morbidity and mortality... (760-779)	9799	6854	16653	27.7	5.1
Symptoms and ill-defined conditions.....(780-799)	10442	10509	20951	34.9	6.4
Accidents, poisoning and violence (External Causes).....(800-999; E800-E999)	23779	4846	28625	47.6	8.8

TABLE 27

MORTALITY: COMMUNICABLE DISEASES: MALIGNANT NEOPLASMS
AND DISEASES OF THE HEART
No. & Rate/100,000 Pop.
PHILIPPINES
1939-1989

Y E A R	COMMUNICABLE DISEASES		MALIGNANT NEOPLASMS		DISEASES OF THE HEART	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1989.....	104525	173.9	21933	36.5	44856	74.6
1988.....	98997	168.6	21184	36.1	40566	69.1
1987.....	111389	194.2	20367	35.5	38840	67.7
1986.....	104792	187.1	18395	32.8	39163	69.9
1985.....	112998	206.7	18143	33.2	36242	66.3
1984.....	101119	190.1	17700	33.3	31947	58.9
1983.....	110513	212.6	17997	34.6	32320	62.2
1982.....	103668	204.5	16832	33.1	36819	72.5
1981.....	104740	211.4	16059	32.4	34055	68.7
1980.....	105281	217.9	16019	33.2	29355	60.8
1979.....	127453	273.6	15449	33.2	29473	69.3
1978.....	127413	279.9	14158	31.1	25768	56.6
1977.....	122266	271.7	13977	31.1	28006	62.2
1976.....	119738	273.7	13173	30.1	25988	59.4
1975.....	100299	235.9	12493	29.4	24060	56.6
1974.....	119394	288.0	12469	31.0	23522	58.5
1973.....	119737	297.7	11490	28.6	19474	48.4
1972.....	119268	305.5	10268	26.3	16921	43.5
1971.....	93239	261.4	9480	25.0	15277	40.2
1970.....	109103	296.1	9485	25.7	12531	34.0
1969.....	109649	295.1	9256	24.9	12423	33.4
1968.....	110024	206.6	8712	24.7	12347	34.3
1967.....	104149	300.5	8229	23.7	11739	33.9
1966.....	110046	328.7	7382	22.1	10514	31.4
1965.....	107049	330.9	7186	22.2	10854	33.6
1964.....	95308	304.8	6658	21.3	9330	28.6
1963.....	105999	350.5	6198	20.5	8769	29.0
1962.....	96715	330.6	6347	21.7	8209	28.1
1961.....	111273	393.0	5392	19.0	8112	28.6
1960.....	112075	408.9	4982	18.2	7570	27.6
1959.....	106814	396.7	4026	15.0	7758	28.8
1958.....	119451	457.7	4100	15.7	7887	30.2
1957.....	135829	537.0	3582	14.2	7797	30.8
1956.....	120223	490.4	3528	14.4	8423	34.7
1955.....	115284	485.5	2786	11.7	5359	23.4
1954.....	122671	532.8	2550	11.1	4942	21.5
1953.....	140241	628.4	2404	10.8	4769	21.3
1952.....	139308	644.1	2201	10.2	4430	20.5
1951.....	137830	657.5	1985	9.5	4282	20.4
1950.....	130949	644.1	1748	8.6	3808	18.7
1949.....	135863	690.1	1725	8.8	3750	19.0
1948.....	141785	740.6	1583	8.3	3873	20.2
1947.....	136036	724.1	1397	7.4	3440	18.3
1946.....	168452	913.8	*	-	*	-
1945-1941.....	*	-	*	-	*	-
1940.....	156391	950.1	1650	10.0	4096	24.9
1939.....	*	-	*	-	*	-

MORTALITY TREND: COMMUNICABLE DISEASE MAL. NEOPLASMS, DISEASES OF THE HEART RATE/100,000 POP., PHILIPPINES, 1989



Note: No data for years 1939, 1941-45,
1946 for mal. neo. & dis. of the heart

Fig. 27

TABLE 28

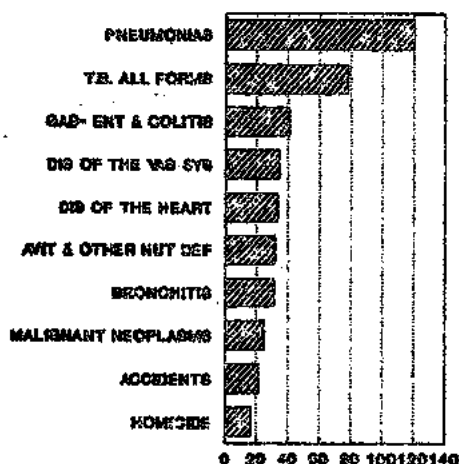
MORTALITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
1969, 1979 and 1989

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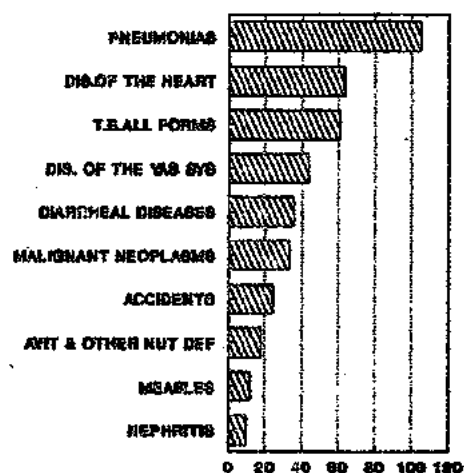
C A U S E	1 9 8 9		C A U S E	1 9 7 9	
	NUMBER	RATE		NUMBER	RATE
Pneumonias.....	46268	77.0	Pneumonias.....	49019	105.2
Diseases of the Heart.....	44856	74.6	Diseases of the Heart.....	29473	63.3
Diseases of the Vascular System.....	33694	56.1	Tuberculosis, All Forms.....	28221	60.6
Tuberculosis, All Forms.....	26300	43.8	Diseases of the Vascular System.....	20393	43.8
Malignant Neoplasms.....	21933	36.5	Diarrheas.....	16683	35.8
Accidents.....	11753	19.6	Malignant Neoplasms.....	15449	33.2
Diarrheal Diseases.....	8126	13.5	Accidents.....	11388	24.4
Measles.....	6734	11.2	Avitaminoses & other Nutritional Deficiency..	8219	17.6
Nephritis, Nephrotic Syndrome and Nephrosis.....	5110	8.5	Measles.....	5607	12.0
Septicemia.....	4952	8.2	Nephritis, Nephrotic Syndrome and Nephrosis.....	4626	9.9

C A U S E	1 9 6 9	
	NUMBER	RATE
Pneumonias.....	44689	120.3
Tuberculosis, All Forms...	28914	77.8
Gastro-enteritis and Colitis.....	15200	40.9
Diseases of the Vascular System.....	12739	34.3
Diseases of the Heart....	12423	33.4
Avitaminosis & other Nutritional Deficiency states.....	11858	31.9
Bronchitis.....	11700	31.5
Malignant Neoplasms.....	9256	24.9
Accidents.....	7979	21.5
Homicide.....	6104	16.4

MORTALITY: LEADING CAUSES
RATE PER 100,000 POPULATION
PHILIPPINES, 1969



MORTALITY: LEADING CAUSES
RATE PER 100,000 POPULATION
PHILIPPINES, 1979



MORTALITY: LEADING CAUSES
RATE PER 100,000 POPULATION
PHILIPPINES, 1989

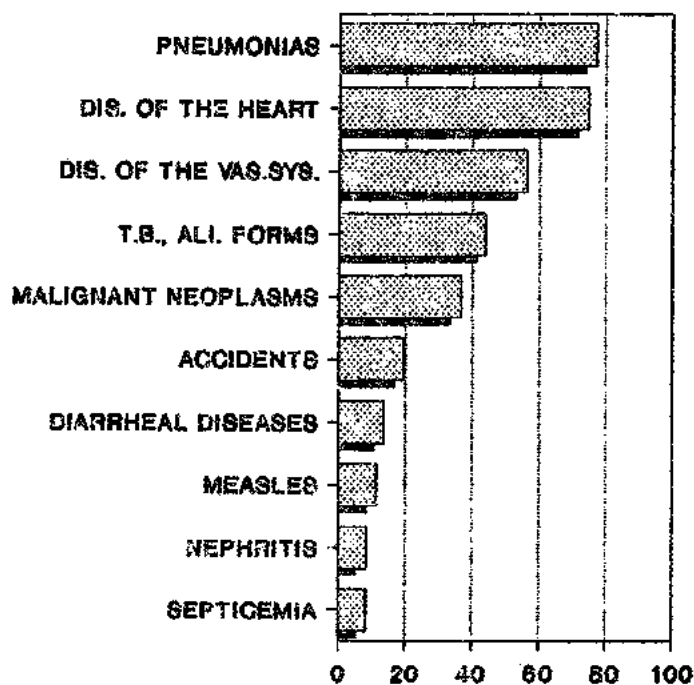


Fig. 28

TABLE 29

INFANT MORTALITY: BY SMALLER AGE GROUPS
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
5-YEAR AVERAGE (1984-1988) & 1989

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A G E	5-YEAR AVERAGE (1984-1988)				1 9 8 9			
	NUMBER	RATE PER 1000 l.b.	% OF NEO- NATAL DEATHS	% OF INFANT DEATHS	NUMBER	RATE PER 1000 l.b.	% OF NEO- NATAL DEATHS	% OF INFANT DEATHS
Under 1 Year.....	52788	34.9		100.0	43026	27.5		100.0
Under 28 Days.....	21916	14.5	100.0	41.5	19848	12.7	100.0	46.1
0 - 6 Days.....	16403	10.9	74.8	31.1	15047	9.6	75.8	35.0
7 - 13 Days.....	3466	2.3	15.8	6.6	2684	1.7	13.5	6.2
14 - 20 Days.....	1155	0.7	5.3	2.2	1216	0.8	6.2	2.8
21 - 27 Days.....	892	0.6	4.1	1.6	901	0.6	4.5	2.1
28 Days to Under 1 year.....	30872	20.4		58.5	23178	14.8		53.9
28 - 59 Days.....	4646	3.1		8.8	3962	2.5		9.2
2 Months.....	2701	1.8		5.1	2359	1.5		5.5
3 Months.....	2574	1.7		4.9	1795	1.1		4.2
4 Months.....	2048	1.4		3.9	1633	1.0		3.8
5 Months.....	2077	1.4		3.9	1580	1.0		3.7
6 Months.....	2398	1.6		4.5	1831	1.2		4.3
7 Months.....	2646	1.7		5.0	1964	1.3		4.6
8 Months.....	2920	1.9		5.5	2045	1.3		4.7
9 Months.....	2673	1.7		5.1	1913	1.2		4.4
10 Months.....	2248	1.5		4.3	1502	1.0		3.5
11 Months.....	3941	2.6		7.5	2594	1.7		6.0

INFANT DEATHS BY SMALLER AGE GROUPS PERCENTAGE DISTRIBUTION PHILIPPINES, 1989

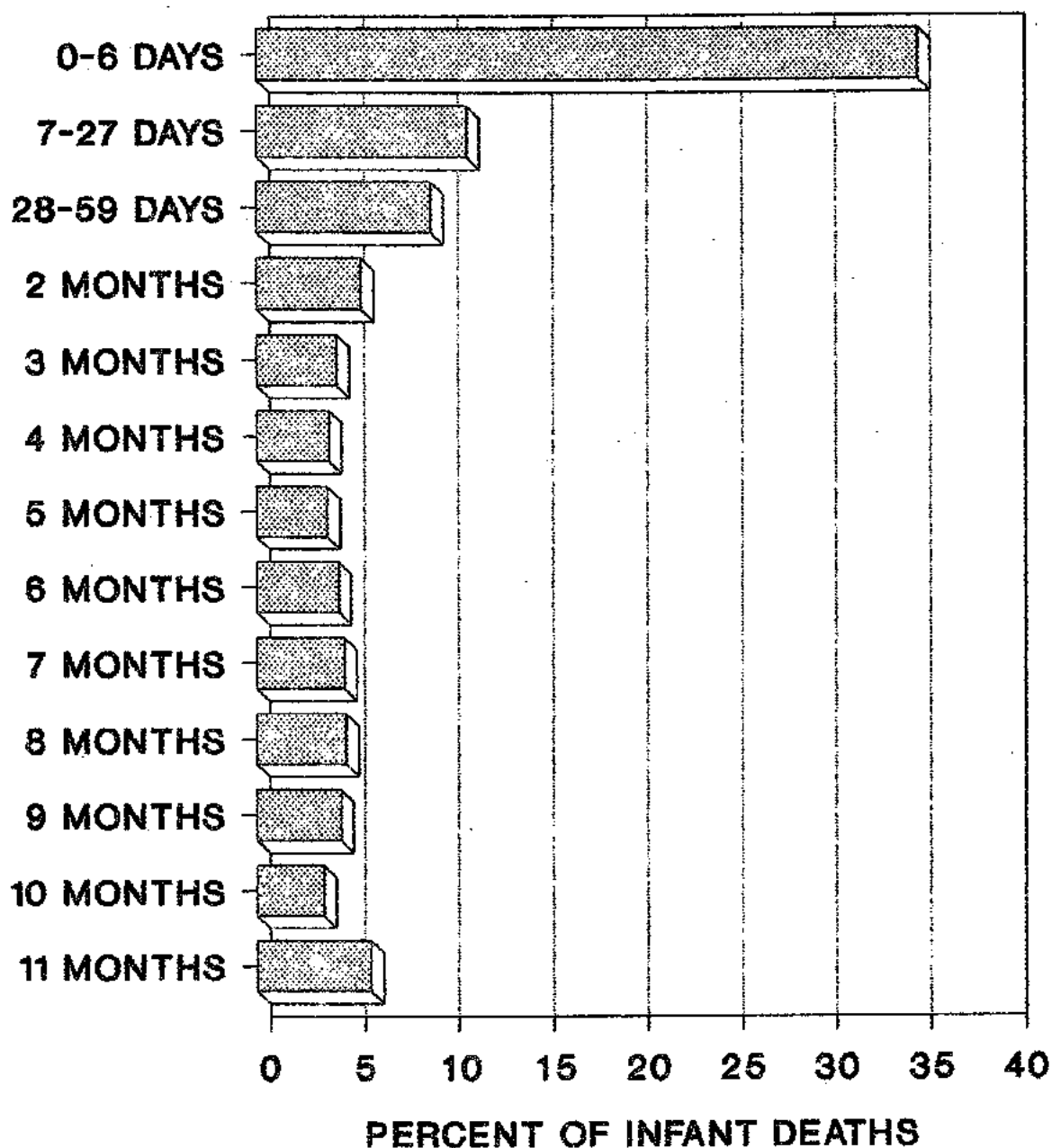


Fig. 29

INFANT MORTALITY

NEONATAL & POST NEONATAL DEATH RATE

RATE/1,000 LIVEBIRTHS, PHILS., 1979-1989

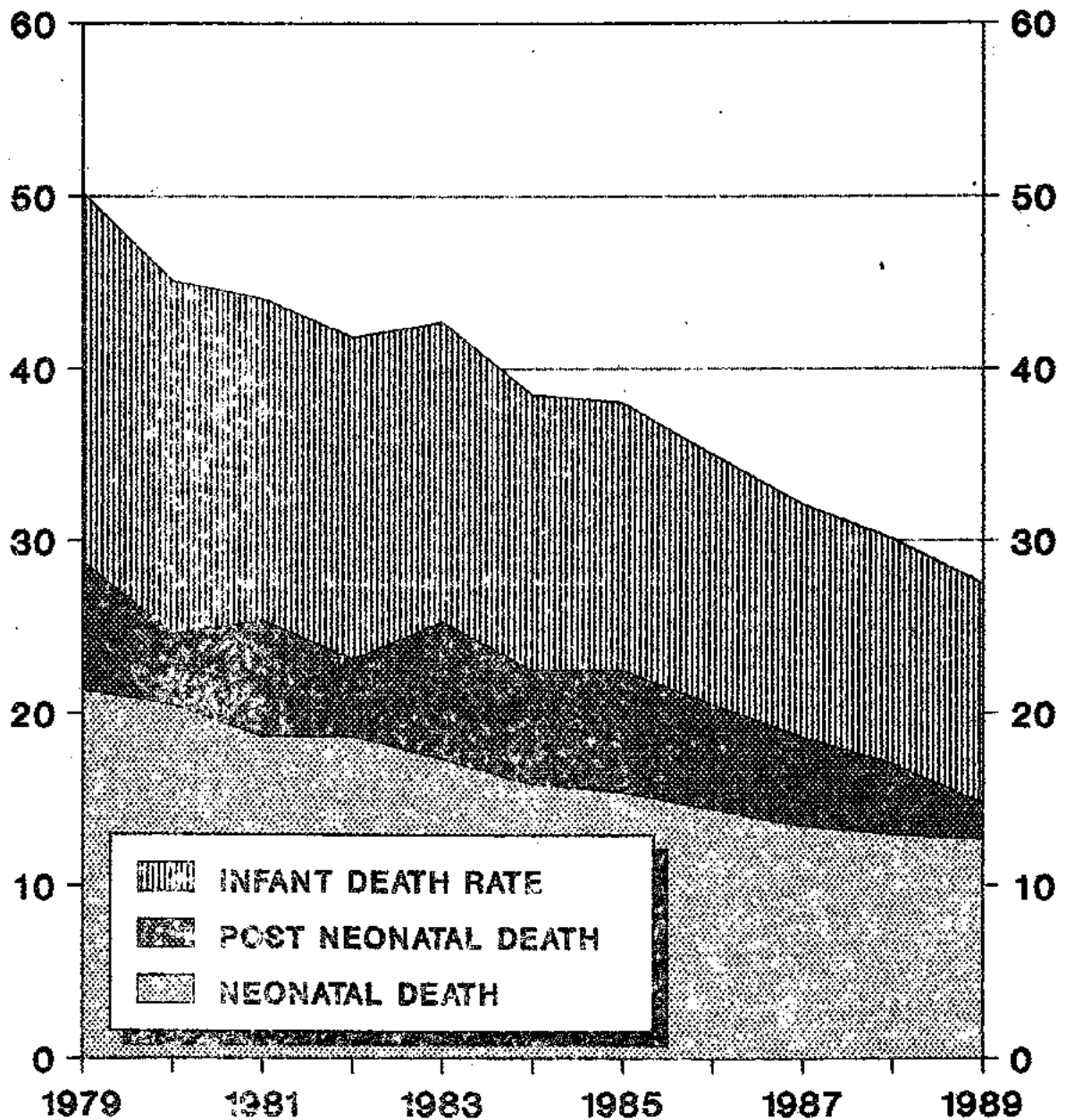


Fig. 30

TABLE 30

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INFANT MORTALITY: TEN (10) LEADING CAUSES
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
5-YEAR AVERAGE (1984-1988) & 1989

C A U S E	5-YEAR AVERAGE (1984-1988)			1 9 8 9		
	NUMBER	RATE PER 1000	% OF INFANT DEATHS	NUMBER	RATE PER 1000	% OF INFANT DEATHS
1. PNEUMONIAS... (480-486)	13898	9.2	26.6	11173	7.1	26.0
2. RESPIRATORY CONDITIONS OF FETUS AND NEWBORN... (769-771)	5731	3.8	10.9	6278	4.0	14.6
3. DIARRHEAL DISEASES.... (001-009)	3569	2.4	6.8	2150	1.4	5.0
4. CONGENITAL ANOMALIES... (740-759)	2304	1.5	4.4	2100	1.3	4.9
5. AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269)	2146	1.4	4.1	1346	0.9	3.1
6. MEASLES..... (055)	1737	1.1	3.3	1256	0.8	2.9
7. BIRTH INJURY AND DIFFICULT LABOR..... (768;772)	1422	0.9	2.7	1222	0.8	2.8
8. SEPTICEMIA..... (038)	1111	0.7	2.1	1193	0.8	2.8
9. MENINGITIS... (320-322)	652	0.4	1.2	566	0.4	1.3
10. ACUTE BRONCHITIS AND BRONCHIOLITIS.... (466)	819	0.5	1.6	449	0.3	1.0

INFANT MORTALITY: LEADING CAUSES RATE PER 1,000 LIVEBIRTHS PHILS., 5 YR. AVE. (1984-1988) & 1989

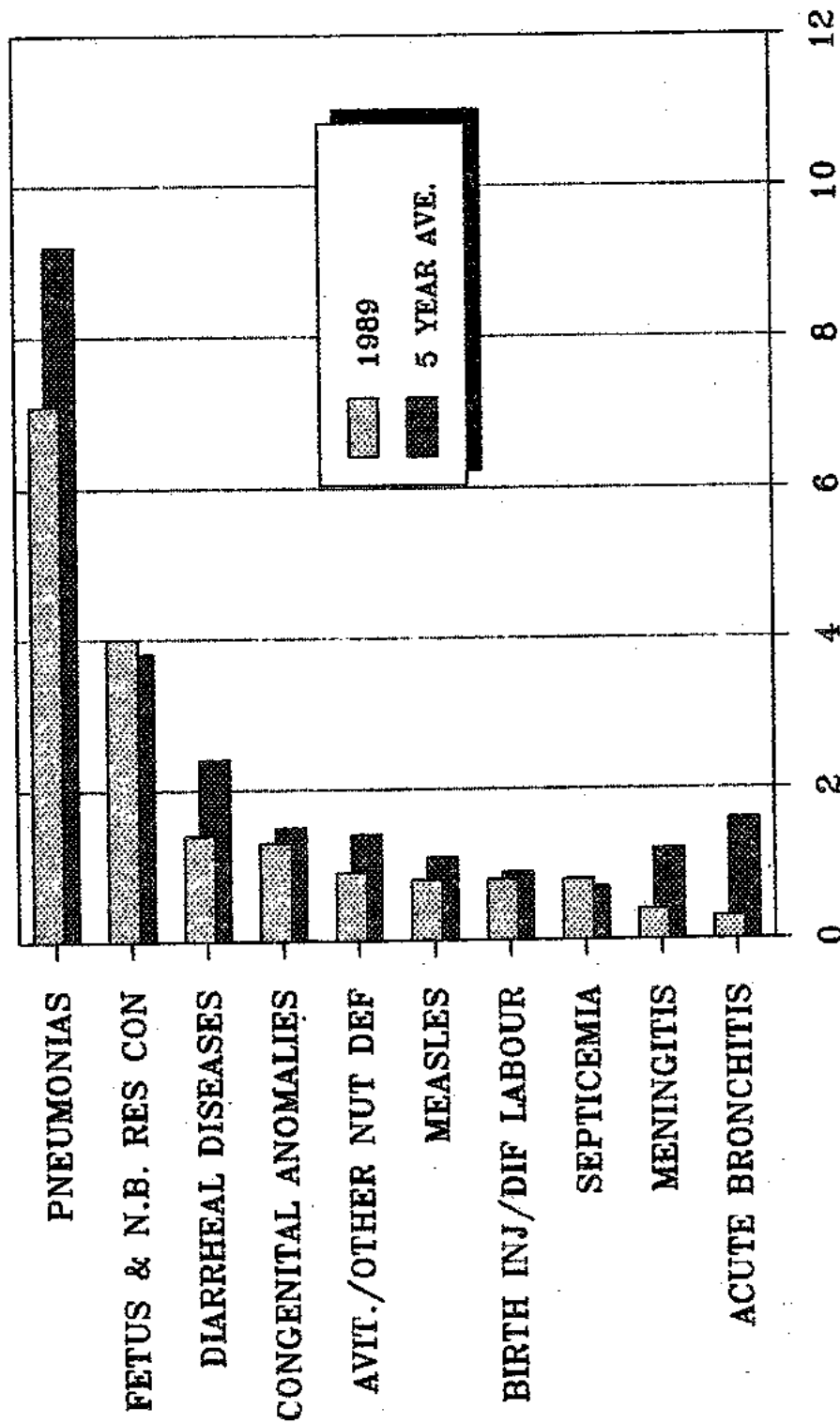


Fig. 31

TABLE 31

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MATERNAL MORTALITY: BY MAIN CAUSE
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1989

C A U S E	1 9 8 9		
	NUMBER	RATE	PERCENT
T O T A L.....	1579	1.0	100.0
Pregnancy with abortive outcome.....(630-639)	162	0.1	10.3
Hemorrhages related to pregnancy.....(640;641)	103	0.07	6.5
Hypertension complicating pregnancy, childbirth and puerperium.....(642)	483	0.3	30.6
Postpartum Hemorrhage.....(666)	429	0.3	27.2
Normal Delivery and Other Complications related to pregnancy occurring in the course of labor, delivery and Puerperium.....(642-648;650-665;667-676)	402	0.3	25.4

MATERNAL DEATHS BY MAIN CAUSE
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989

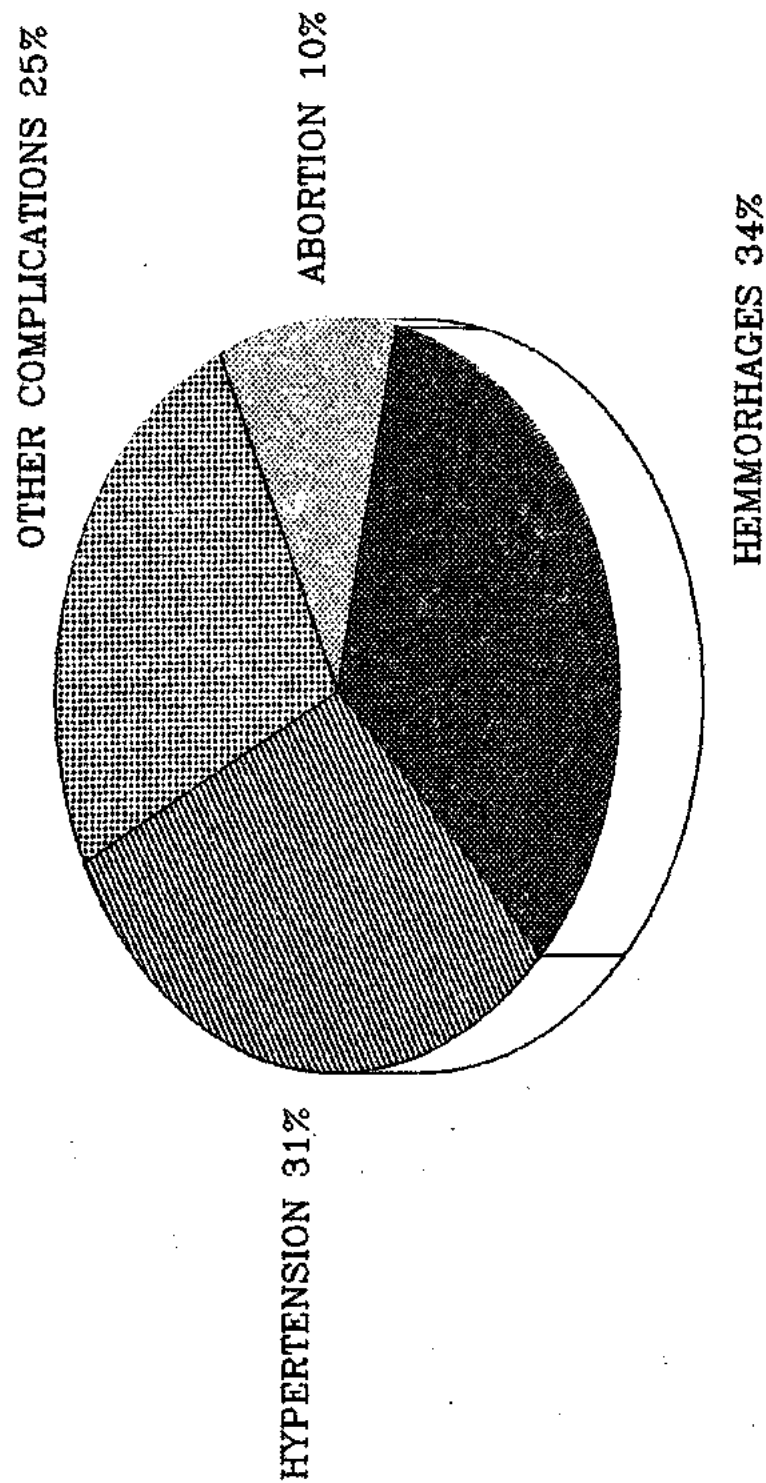


Fig. 32

TABLE 32

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MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1989

R E G I O N	A G E D I S T R I B U T I O N					
	T O T A L			U N D E R 15 Y E A R S		
	N U M B E R	R A T E	P E R C E N T	N U M B E R	R A T E	P E R C E N T
PHILIPPINES.....	1579	1.0	100.0	293	759.0	100.0
NAT. CAP. REGION.....	169	0.6	10.7	23	74.9	9.9
C.A.R.....	20	0.7	1.3	4	13.0	1.7
REGION 1.....	93	1.0	5.9	21	68.4	9.0
REGION 2.....	92	1.4	5.8	19	61.9	8.2
REGION 3.....	150	0.9	9.5	35	114.0	15.0
REGION 4.....	225	1.1	14.2	37	120.5	15.8
REGION 5.....	187	1.8	11.8	15	48.9	6.4
REGION 6.....	130	1.2	8.2	16	52.1	6.8
REGION 7.....	109	0.8	6.9	13	42.3	5.5
REGION 8.....	102	1.8	6.5	6	19.5	2.8
REGION 9.....	66	1.1	4.2	16	52.1	6.8
REGION 10.....	85	0.9	5.4	6	19.5	2.8
REGION 11.....	98	0.8	6.2	13	42.3	5.5
REGION 12.....	53	1.1	3.4	9	29.3	3.8

*Rate According to corresponding Age-Group.

MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1989

R E G I O N	AGE DISTRIBUTION					
	15 - 19 YEARS			20 - 24 YEARS		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
PHILIPPINES.....	59	0.5	100.0	196	0.4	100.0
NAT. CAP. REGION.....	6	0.1	10.2	24	0.05	12.2
C.A.R.....	1	0.0	1.7	3	0.0	1.5
REGION 1.....	4	0.03	6.8	11	0.02	5.6
REGION 2.....	2	0.01	3.4	12	0.02	6.1
REGION 3.....	2	0.01	3.4	16	0.03	8.2
REGION 4.....	10	0.08	16.8	26	0.05	13.3
REGION 5.....	5	0.04	8.5	19	0.04	9.7
REGION 6.....	7	0.05	11.8	10	0.02	5.1
REGION 7.....	4	0.03	6.8	14	0.03	7.1
REGION 8.....	2	0.01	3.4	15	0.03	7.7
REGION 9.....	5	0.04	8.5	10	0.02	5.1
REGION 10.....	6	0.1	10.2	12	0.02	6.1
REGION 11.....	1	0.0	1.7	16	0.03	8.2
REGION 12.....	4	0.03	6.8	8	0.01	4.1

*Rate According to corresponding Age-Group.

TABLE 32

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MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
 No. & Rate/1000 l.b. & Percentage Distribution
 PHILIPPINES
 1989

R E G I O N	AGE DISTRIBUTION					
	25 - 29 YEARS			30 - 34 YEARS		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
PHILIPPINES.....	215	0.5	100.0	210	0.7	100.0
NAT. CAP. REGION.....	20	0.04	9.3	17	0.05	8.1
C.A.R.....	1	0.0	0.5	2	0.0	1.0
REGION 1.....	9	0.01	4.2	11	0.03	5.2
REGION 2.....	12	0.02	5.6	6	0.02	2.9
REGION 3.....	13	0.02	6.0	17	0.05	8.1
REGION 4.....	35	0.07	16.3	28	0.09	13.3
REGION 5.....	22	0.04	10.2	30	0.1	14.3
REGION 6.....	15	0.03	7.0	25	0.08	11.9
REGION 7.....	20	0.04	9.3	11	0.03	5.2
REGION 8.....	15	0.03	7.0	14	0.04	6.7
REGION 9.....	10	0.02	4.6	10	0.03	4.8
REGION 10.....	18	0.3	8.4	11	0.03	5.2
REGION 11.....	16	0.03	7.4	20	0.06	9.5
REGION 12.....	9	0.01	4.2	8	0.02	3.8

*Rate According to corresponding Age-Group.

TABLE 32

MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1989

R E G I O N	AGE DISTRIBUTION					
	35 - 39 YEARS			40 - 44 YEARS		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
PHILIPPINES.....	231	1.4	100.0	114	2.1	100.0
NAT. CAP. REGION.....	19	0.1	8.2	2	0.03	1.8
C.A.R.....	4	0.02	1.7	1	0.01	1.0
REGION 1.....	14	0.08	6.1	6	0.1	5.3
REGION 2.....	11	0.06	4.8	9	0.2	7.9
REGION 3.....	14	0.08	6.1	9	0.2	7.9
REGION 4.....	37	0.2	16.0	18	0.3	15.8
REGION 5.....	32	0.2	13.9	15	0.3	13.1
REGION 6.....	21	0.1	9.1	9	0.2	7.9
REGION 7.....	20	0.1	8.6	8	0.1	7.0
REGION 8.....	21	0.1	9.1	8	0.1	7.0
REGION 9.....	9	0.05	3.9	4	0.07	3.5
REGION 10.....	10	0.06	4.3	11	0.2	9.6
REGION 11.....	12	0.07	5.2	11	0.2	9.6
REGION 12.....	7	0.04	3.0	3	0.05	2.6

*Rate According to corresponding Age-Group.

TABLE 32

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MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1989

R E G I O N	AGE DISTRIBUTION					
	45 - 49 YEARS			50 YEARS & OVER		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
PHILIPPINES.....	39	4.6	100.0	282	249.6	100.0
NAT. CAP. REGION.....	6	0.7	15.4	52	46.0	18.4
C.A.R.....	0	-	-	4	3.5	1.4
REGION 1.....	0	-	-	17	15.0	6.0
REGION 2.....	1	0.1	2.6	20	17.7	7.1
REGION 3.....	6	0.7	15.4	38	33.6	13.5
REGION 4.....	5	0.6	12.8	29	25.7	10.3
REGION 5.....	9	1.1	23.1	40	35.4	14.2
REGION 6.....	2	0.2	5.1	25	22.1	8.9
REGION 7.....	3	0.4	7.7	16	14.2	5.7
REGION 8.....	2	0.2	5.1	19	16.8	6.7
REGION 9.....	0	-	-	2	1.8	0.7
REGION 10.....	2	0.2	5.1	9	8.0	3.2
REGION 11.....	3	0.4	7.7	6	5.3	2.1
REGION 12.....	0	-	-	5	4.4	1.8

*Rate according to corresponding Age-group.

FETAL MORTALITY BY ATTENDANCE & BY CAUSE
PHILIPPINES
1989

C A U S E	Total Fetal Deaths	A T T E N D A N T				
		Physi- cian	Nurse	Mid- wife	Tradition- al Birth Attendant (Hilot)	Others
Fetus affected by maternal conditions which may be unrelated to present pregnancy.....(760)	372	290	0	7	27	48
Fetus affected by maternal complications of pregnancy.....(761)	192	126	2	15	26	23
Fetus affected by complications of placenta, cord and membranes.....(762)	2557	1996	6	82	151	322
Fetus affected by other complications of labour and delivery.....(763)	515	251	4	21	95	144
Slow fetal growth and fetal malnutrition..(764)	0	0	0	0	0	0
Disorders relating to short gestation and unspecified low birth weight.....(765)	1351	529	10	97	286	429
Disorders relating to long gestation and high birth weight.....(766)	87	45	0	5	19	18
Birth trauma.....(767)	0	0	0	0	0	0
Intrauterine hypoxia and birth asphyxia.....(768)	821	366	11	51	159	234
Respiratory distress syndrome.....(769)	325	123	2	28	70	102
Other respiratory conditions of fetus.....(770)	30	11	1	2	4	12

TABLE 33

FETAL MORTALITY BY ATTENDANCE & BY CAUSE
PHILIPPINES
1989

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C A U S E	Total Fetal Deaths	A T T E N D A N T				
		Physi- cian	Nurse	Mid- wife	Traditio- nal Birth Attendant (Hilot)	Others
Infections specific to the perinatal period....(771)	54	25	0	4	4	21
Fetal haemorrhage....(772)	1	1	0	0	0	0
Haemolytic diseases of fetus due to isoimmun- ization.....(773)	4	3	0	0	0	1
Other perinatal jaundice.....(774)	1	1	0	0	0	0
Endocrine and metabolic disturbances specific to the fetus.....(775)	0	0	0	0	0	0
Haematological disorders of fetus.....(776)	0	0	0	0	0	0
Perinatal disorders of digestive system....(777)	0	0	0	0	0	0
Conditions involving the integument and tempe- rature regulations of fetus.....(778)	5	4	0	0	0	1
Other and ill-defined conditions originating in the perinatal period.....(779)	5108	2020	68	407	1121	1492
TOTAL - Number.....	11423	5791	104	719	1962	2847
- Percent.....	100.0	50.7	0.9	6.3	17.2	24.9

**FETAL DEATHS BY MEDICAL ATTENDANCE
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989**

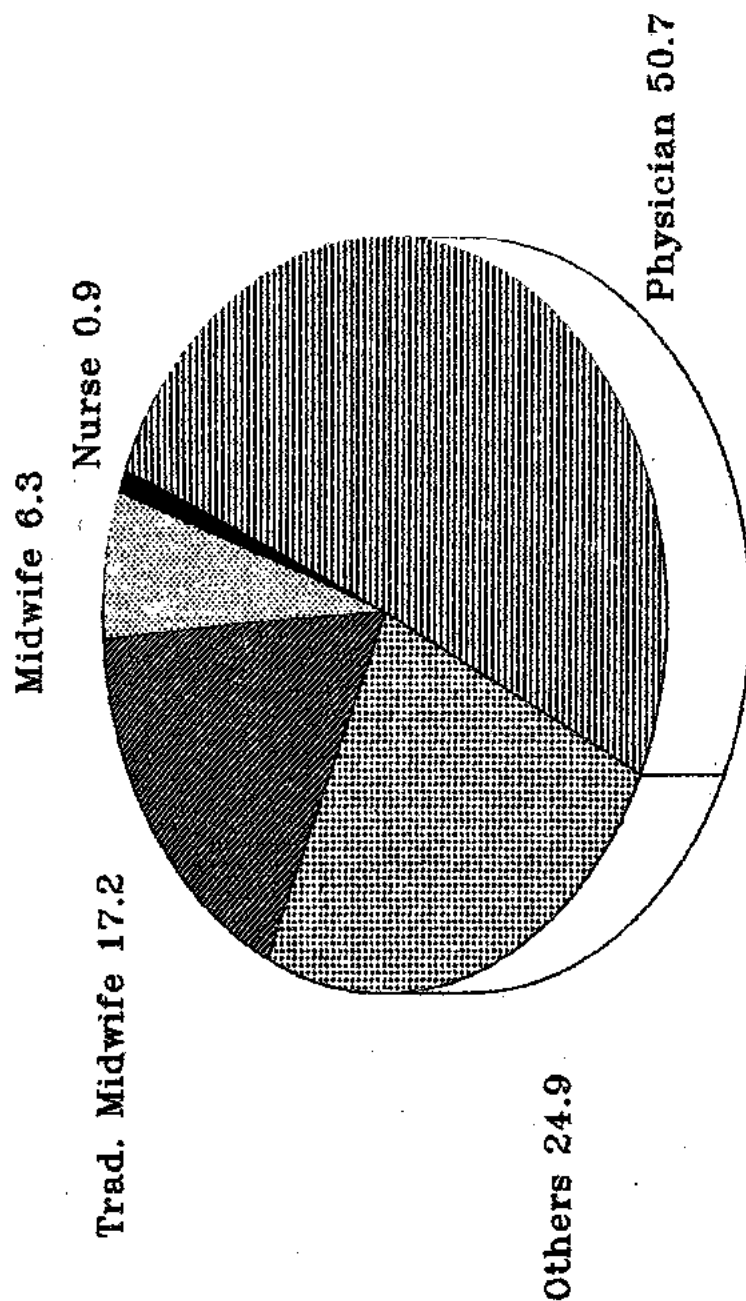


Fig. 33

TABLE 34

FETAL MORTALITY BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1989

249

C A U S E	Total Fetal Deaths	1000 & below grams		1001 to 1500 grams		1501 to 2000 grams		2001 to 2500 grams		2501 to 3000 grams	
		No.	%	No.	%	No.	%	No.	%	No.	%
Fetus affected by maternal conditions which may be unrelated to present pregnancy.....(760)	372	27	3.8	43	6.4	61	9.3	58	6.6	29	3.3
Fetus affected by maternal complications of pregnancy.....(761)	192	12	1.7	10	1.5	10	1.5	18	2.0	24	2.8
Fetus affected by complications of placenta, cord and membranes.....(762)	2557	321	45.3	259	38.3	202	30.9	270	30.6	242	27.8
Fetus affected by other complications of labour and delivery.....(763)	515	3	0.4	20	3.0	14	2.2	41	4.7	82	9.4
Slow fetal growth and fetal malnutrition...(764)	0	0	-	0	-	0	-	0	-	0	-
Disorders relating to short gestation and unspecified low birth weight.....(765)	1351	115	16.2	93	13.8	102	15.6	80	9.1	54	6.3
Disorders relating to long gestation and high birth weight.....(766)	87	0	-	3	0.4	1	0.2	7	0.8	11	1.3
Birth trauma.....(767)	0	0	-	0	-	0	-	0	-	0	-
Intrauterine hypoxia and birth asphyxia.....(768)	921	18	2.5	28	4.2	47	7.2	73	8.3	83	9.5
Respiratory distress syndrome.....(769)	325	4	0.6	13	1.9	6	0.9	17	1.9	15	1.7
Other respiratory conditions of fetus.....(770)	30	2	0.3	4	0.6	0	-	3	0.3	3	0.3

FETAL MORTALITY BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1989

C A U S E	Total Fetal Deaths	1000 & below grams		1001 to 1500 grams		1501 to 2000 grams		2001 to 2500 grams		2501 to 3000 grams	
		No.	%	No.	%	No.	%	No.	%	No.	%
Infections specific to the perinatal period....(771)	54	0	-	3	0.4	1	0.2	2	0.2	1	0.1
Fetal haemorrhage....(772)	1	0	-	0	-	0	-	0	-	1	0.1
Haemolytic diseases of fetus due to isoimmun- ization.....(773)	4	0	-	1	0.1	0	-	1	0.1	1	0.1
Other perinatal jaundice.....(774)	1	0	-	1	0.1	0	-	0	-	0	-
Endocrine and metabolic disturbances specific to the fetus.....(775)	0	0	-	0	-	0	-	0	-	0	-
Haematological disorders of fetus.....(776)	0	0	-	0	-	0	-	0	-	0	-
Perinatal disorders of digestive system....(777)	0	0	-	0	-	0	-	0	-	0	-
Conditions involving the integument and temper- ature regulations of fetus.....(778)	5	0	-	0	-	0	-	0	-	2	0.2
Other and ill-defined conditions originating in the perinatal period.....(779)	5108	207	29.2	198	29.3	209	32.0	312	35.4	323	37.1
T O T A L	11423	709	100.0	676	100.0	653	100.0	882	100.0	871	100.0

TABLE 34

FETAL MORTALITY BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1969

251

C A U S E	3001 to 3500 grams		3501 to 4000 grams		4001 to 4500 grams		4501 to 5000 grams		5001 to above grams		Not Stated	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Fetus affected by maternal conditions which may be unrelated to present pregnancy.....(760)	18	2.9	4	1.3	2	2.2	0	-	1	4.8	129	1.97
Fetus affected by maternal complications of pregnancy.....(761)	18	2.9	15	4.8	1	1.1	1	2.0	1	4.8	82	1.25
Fetus affected by complications of placenta, cord and membranes.....(762)	157	25.6	70	22.6	17	18.6	9	17.6	8	38.1	1002	15.31
Fetus affected by other complications of labour and delivery.....(763)	56	9.1	30	9.7	14	15.4	8	15.7	3	14.3	244	3.73
Slow fetal growth and fetal malnutrition...(764)	0	-	0	-	0	-	0	-	0	-	0	-
Disorders relating to short gestation and unspecified low birth weight.....(765)	27	4.4	11	3.6	4	4.4	0	-	0	-	865	13.21
Disorders relating to long gestation and high birth weight.....(766)	11	1.8	4	1.3	3	3.3	1	2.0	0	-	46	0.70
Birth trauma.....(767)	0	-	0	-	0	-	0	-	0	-	0	-
Intrauterine hypoxia and birth asphyxia.....(768)	63	10.3	35	11.3	13	14.3	7	13.7	2	9.5	452	6.91
Respiratory distress syndrome.....(769)	20	3.3	10	3.2	5	5.5	2	3.9	0	-	293	3.56
Other respiratory conditions of fetus.....(770)	2	0.3	0	-	0	-	0	-	0	-	16	0.25

FETAL MORTALITY BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1989

C A U S E	3001 to 3500 grams		3501 to 4000 grams		4001 to 4500 grams		4501 to 5000 grams		5001 to above grams		Not Stated	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Infections specific to the perinatal period....(771)	6	1.0	0	-	0	-	0	-	0	-	41	0.63
Fetal haemorrhage....(772)	0	-	0	-	0	-	0	-	0	-	0	-
Haemolytic diseases of fetus due to isoimmuni- zation.....(773)	0	-	0	-	0	-	0	-	0	-	1	0.02
Other perinatal jaundice.....(774)	0	-	0	-	0	-	0	-	0	-	0	-
Endocrine and metabolic disturbances specific to the fetus.....(775)	0	-	0	-	0	-	0	-	0	-	0	-
Haematological disorders of fetus.....(776)	0	-	0	-	0	-	0	-	0	-	0	-
Perinatal disorders of digestive system....(777)	0	-	0	-	0	-	0	-	0	-	0	-
Conditions involving the integument and temper- ature regulations of fetus.....(778)	0	-	1	0.3	0	-	0	-	0	-	2	0.03
Other and ill-defined conditions originating in the perinatal period.....(779)	236	38.4	130	41.9	32	35.2	29	45.1	6	28.5	3432	52.43
T O T A L	614	100.0	310	100.0	91	100.0	51	100.0	21	100.0	6545	100.0

TABLE 35

LATE FETAL DEATHS BY AGE OF MOTHER & BIRTH ORDER
PHILIPPINES
1989

253

BIRTH ORDER	TOTAL BIRTH	Late Fetal Deaths		AGE OF MOTHER								
		No.	Rate*	Less than 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Not Stated
First.....	422,781	1,063	2.5	4	180	412	265	117	41	15	15	14
Second.....	344,989	682	2.0	0	61	245	203	104	46	9	14	0
Third.....	261,818	552	2.1	0	22	142	174	129	57	14	14	0
Fourth.....	181,800	442	2.4	0	2	64	144	116	84	20	12	0
Fifth.....	120,771	332	2.7	0	2	29	88	99	81	23	10	0
Sixth.....	81,075	247	3.0	0	0	13	48	89	67	27	3	0
Seventh.....	53,587	166	3.1	0	0	7	27	52	60	16	4	0
Eight.....	35,045	115	3.3	0	0	4	13	30	42	22	4	0
Ninth.....	22,259	83	3.7	0	0	2	3	20	35	18	5	0
Tenth & Over.....	14,313	154	10.8	0	0	0	9	19	66	49	11	0
Not Stated...	26,816	610	22.7	0	63	165	139	112	80	22	29	0
TOTAL.....	1,565,254	4,446	2.8	4	330	1083	1,113	887	659	235	121	14

*Per 1,000 livebirths of their respective birth order.

TABLE 36

FETAL DEATHS: NO & PERCENTAGE DISTRIBUTION
BY CAUSE & PERIOD OF GESTATION
PHILIPPINES
1989

C A U S E	Total Fetal Deaths		Under 20 Weeks	20-27 Weeks	28-36 Weeks	37 Weeks and More	Not Stated
	No.	%					
Fetus affected by maternal conditions which may be unrelated to present pregnancy.....(760)	372	3.26	1	16	141	64	150
Fetus affected by maternal complications of pregnancy.....(761)	192	1.68	1	5	50	55	81
Fetus affected by complications of placenta, cord and membranes.....(762)	2557	22.38	54	293	677	610	923
Fetus affected by other complications of labour and delivery.....(763)	515	4.51	0	8	114	125	268
Slow fetal growth and fetal malnutrition..(764)	0	-	0	0	0	0	0
Disorders relating to short gestation and unspecified low birth weight.....(765)	1351	11.83	11	176	375	52	737
Disorders relating to long gestation and high birth weight.....(766)	87	0.76	0	0	9	22	56
Birth trauma.....(767)	0	-	0	0	0	0	0
Intrauterine hypoxia and birth asphyxia.....(768)	821	7.19	6	24	209	161	422
Respiratory distress syndrome.....(769)	325	2.85	0	12	67	32	214
Other respiratory conditions of fetus.....(770)	30	0.26	0	4	13	2	11

TABLE 36

FETAL DEATHS: NO & PERCENTAGE DISTRIBUTION
BY CAUSE & PERIOD OF GESTATION
PHILIPPINES
1989

255

C A U S E	Total Fetal Deaths		Under 20 Weeks	20-27 Weeks	28-36 Weeks	37 Weeks and More	Not Stated
	No.	%					
Infections specific to the perinatal period....(771)	54	0.46	0	1	11	6	36
Fetal haemorrhage....(772)	1	0.01	0	0	0	0	1
Haemolytic diseases of fetus due to isoimmuni- zation.....(773)	4	0.04	0	1	2	1	0
Other perinatal jaundice.....(774)	1	0.01	0	0	1	0	0
Endocrine and metabolic disturbances specific to the fetus.....(775)	0	-	0	0	0	0	0
Haematological disorders of fetus.....(776)	0	-	0	0	0	0	0
Perinatal disorders of digestive system....(777)	0	-	0	0	0	0	0
Conditions involving the integument and temper- ature regulations of fetus.....(778)	5	0.04	0	1	0	4	0
Other and ill-defined conditions originating in the perinatal period.....(779)	5108	44.72	27	230	1045	598	3208
TOTAL - Number.....	11423	100.0	99	771	2714	1732	6107
- Percent.....	100.0	-	0.9	6.7	23.8	15.2	53.4

FETAL DEATHS BY PERIOD OF GESTATION
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989

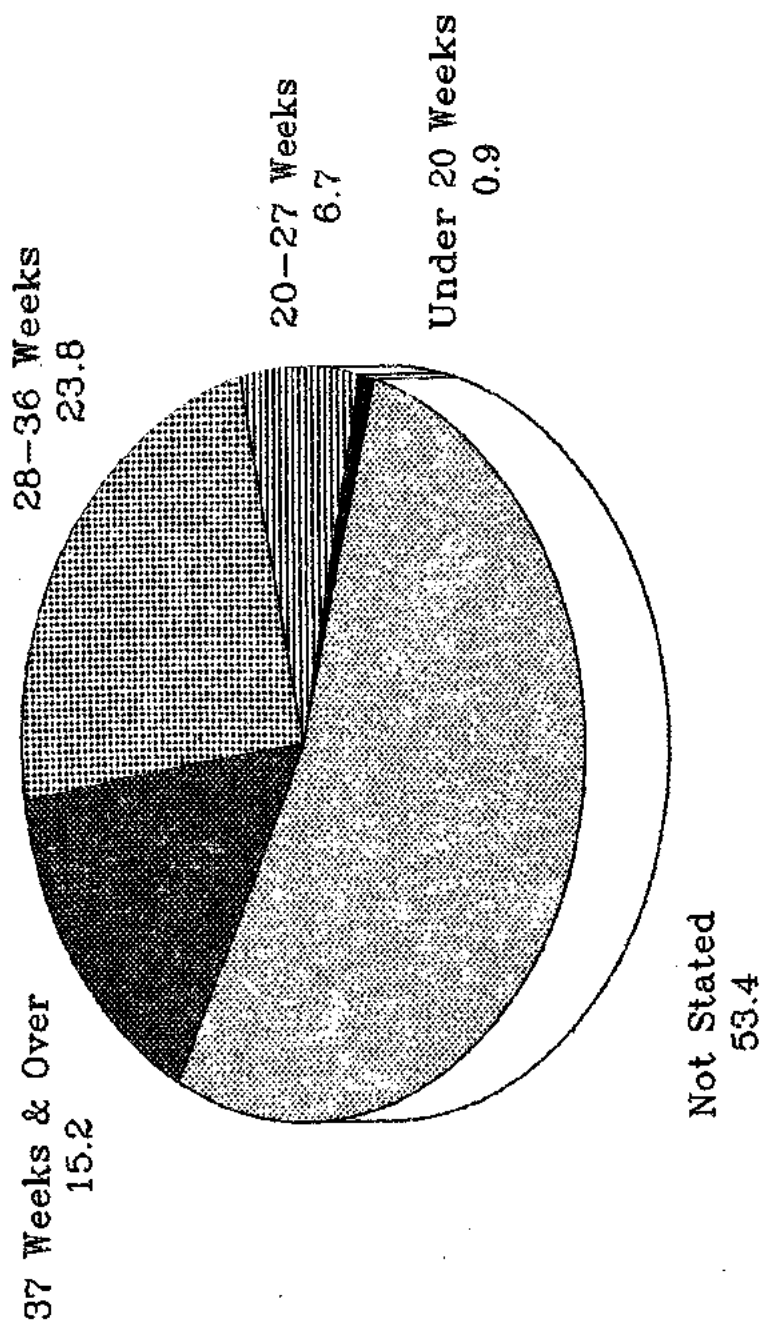


Fig. 34

FETAL DEATHS BY PERIOD OF GESTATION
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989

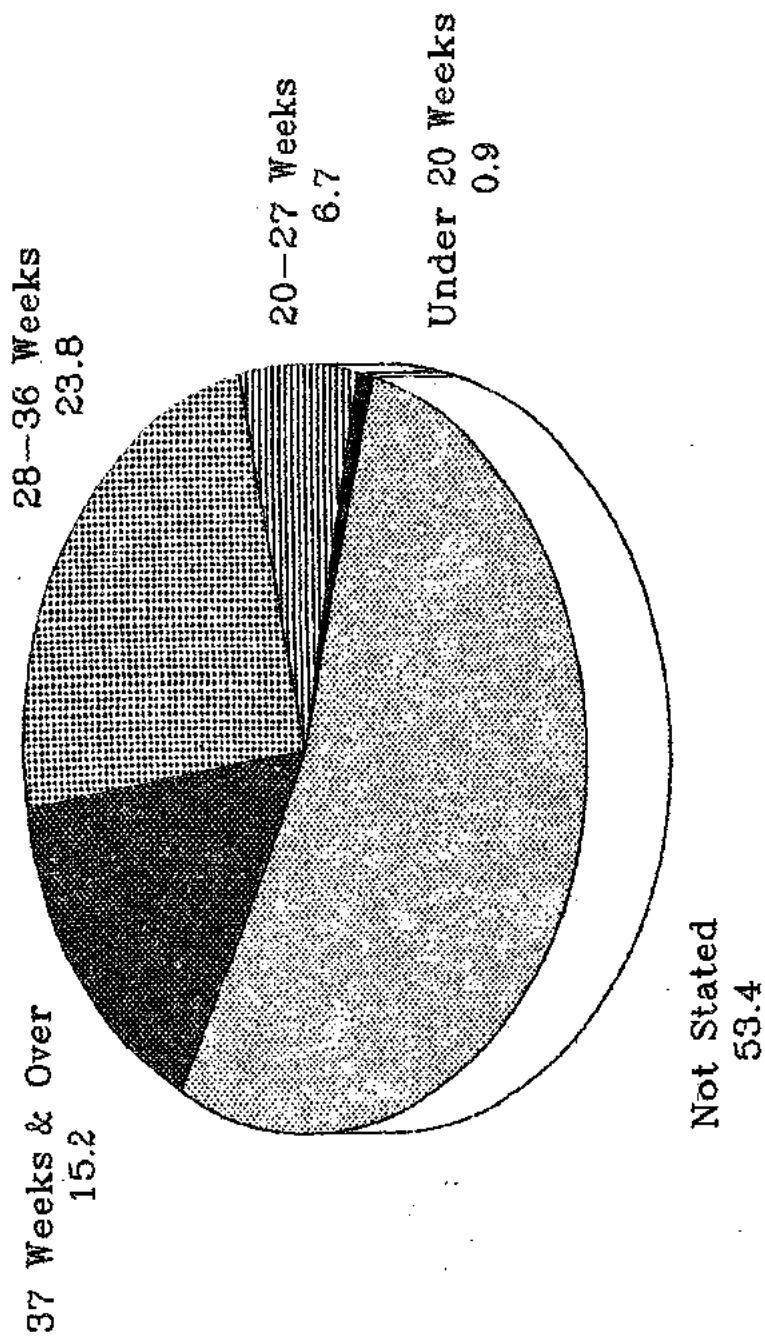


Fig. 34

FETAL DEATHS BY PERIOD OF GESTATION
PERCENTAGE DISTRIBUTION
PHILIPPINES, 1989

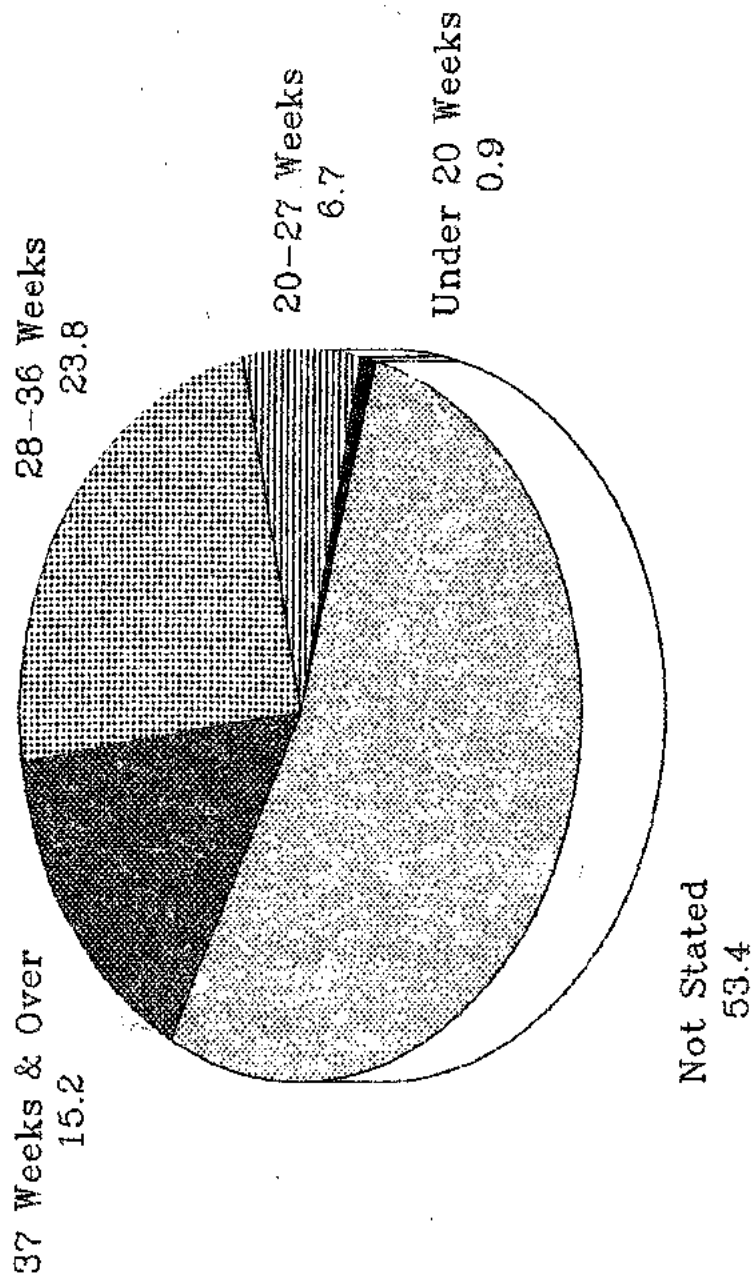


Fig. 34

TABLE 37 FETAL DEATHS BY AGE OF MOTHER & BIRTH ORDER
PHILIPPINES
1989

257

BIRTH ORDER	TOTAL FETAL DEATHS	AGE OF MOTHER (Y E A R S)				
		Less than 15	15-19	20-24	25-29	30-34
First.....	2,169	12	413	861	489	214
Second.....	1,525	0	147	556	461	220
Third.....	1,269	0	57	373	406	244
Fourth.....	1,022	0	11	158	334	274
Fifth.....	746	0	3	65	209	210
Sixth.....	530	0	0	33	126	168
Seventh.....	360	0	0	17	56	116
Eight.....	254	0	0	8	30	72
Ninth.....	211	0	0	5	13	42
Tenth & Over.....	376	0	0	5	24	50
Not Stated.....	2,961	0	212	565	494	359
Total Fetal Death...	11,423	12	843	2646	2642	1969
Percent.....	100.0	0.1	7.4	23.2	23.1	17.3
Rate*.....	7.3	39.1	7.1	5.9	5.7	6.6
Total Livebirths by Age of Mother...	1,565,254	307	119130	449473	460591	296298

*Per 1,000 livebirths of the corresponding age-group of Mother.

FETAL DEATHS BY AGE OF MOTHER & BIRTH ORDER
PHILIPPINES
1989

BIRTH ORDER	AGE OF MOTHER (YEARS)			
	35 - 39	40 - 44	45 & Over	Not Stated
First.....	81	24	47	28
Second.....	84	17	40	0
Third.....	122	23	44	0
Fourth.....	173	35	37	0
Fifth.....	178	50	31	0
Sixth.....	136	55	12	0
Seventh.....	116	39	16	0
Eight.....	87	41	16	0
Ninth.....	93	43	15	0
Tenth & Over.....	150	116	31	0
Not Stated.....	243	83	1005	0
Total Fetal Death..	1463	526	1294	28
Percent.....	12.8	4.6	11.3	0.2
Rate*.....	8.8	9.9	135.0	2.8
Total Livebirths by Age of Mother....	166389	53396	9587	10083

*Per 1,000 livebirths of the corresponding age-group of Mother.

FETAL DEATHS BY AGE OF MOTHER

Rate per 1,000 Livebirths
PHILIPPINES, 1989

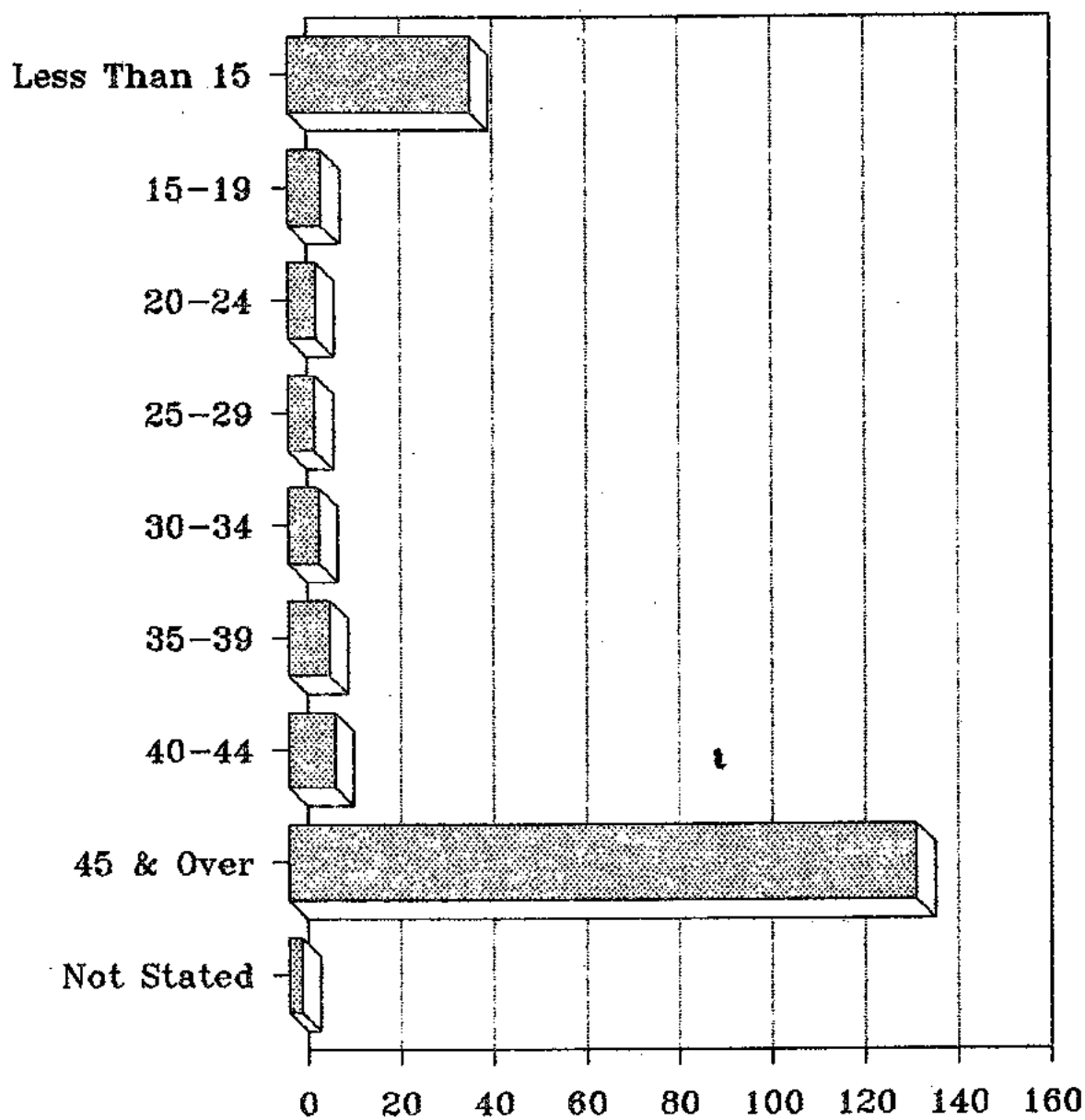


Fig. 35

TABLE 39

FETAL DEATHS BY CAUSE
No. & Percentage Distribution
PHILIPPINES
1989

260

CAUSE	Number	Percent of Fetal Deaths
Fetus affected by maternal conditions which may be unrelated to present pregnancy.....(760)	372	3.26
Fetus affected by maternal complications of pregnancy.....(761)	192	1.68
Fetus affected by complications of placenta, cord and membranes.....(762)	2557	22.38
Fetus affected by other complications of labour and delivery.....(763)	515	4.51
Slow fetal growth and fetal malnutrition.....(764)	0	-
Disorders relating to short gestations and unspecified low birth weight.....(765)	1351	11.89
Disorders relating to long gestations and and high birth weight.....(766)	87	0.76
Birth trauma.....(767)	0	-
Intrauterine hypoxia and asphyxia.....(768)	821	7.19
Respiratory distress syndrome.....(769)	325	2.85
Other respiratory conditions of fetus.....(770)	30	0.26
Infections specific to the perinatal period..(771)	54	0.46
Fetal haemorrhage.....(772)	1	0.01
Haemolytic disease of fetus due to isoimmunization.....(773)	4	0.04
Other perinatal jaundice.....(774)	1	0.01
Endocrine and metabolic disturbances specific to the fetus.....(775)	0	-
Haematological disorders of fetus.....(776)	0	-
Perinatal disorders of digestive system.....(777)	0	-
Conditions involving the integument and temperature regulation of fetus.....(778)	5	0.04
Other and ill-defined conditions originating in the perinatal period.....(779)	5108	44.72
TOTAL	11429	100.0