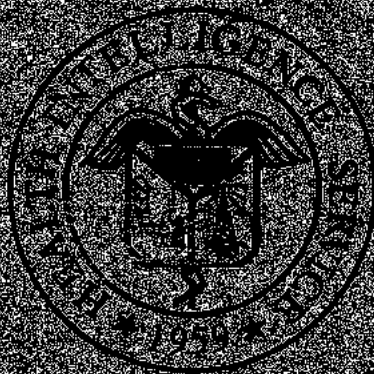
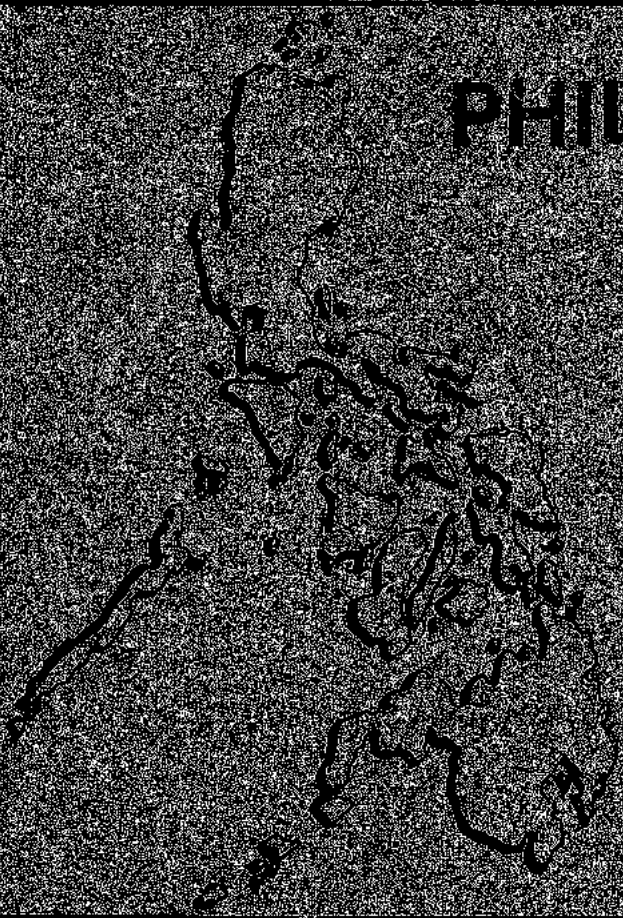


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PHILIPPINE HEALTH STATISTICS 1987



HEALTH INTELLIGENCE SERVICE
DEPARTMENT OF HEALTH
MANILA

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Department of Health
Health Intelligence Service
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F O R E W O R D

The Department of Health, through the Health Intelligence Service, is pleased to present the 1987 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 1987. 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 1987 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 acknowledgements 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. BENGZON, M.D.
Secretary of Health

October 27, 1989

Republic of the Philippines
Department of Health
HEALTH INTELLIGENCE SERVICE
M a n i l a

PHILIPPINE
HEALTH STATISTICS
1987

TABLE OF CONTENT

I. INTRODUCTION

	<u>PAGE</u>
A.Sources of Data - - - - -	1
Livebirth, Death and Fetal Death Statistics- - -	1
Notifiable Diseases Statistics - - - - -	1
Population Statistics - - - - -	1
B.Classification of Data - - - - -	2
C.Analysis and Interpretation of Data - - - - -	3

II. GENERAL TABLES

A. TABLES

1.Estimated Population By Sex,Philippines, 1937 - 1987 - - - - -	6
2.Estimated Population By Health Region, Province and City, Philippines, 1987 - - - - -	8
3.Estimated Population, No. & Percent Distribution By Age & Sex, Philippines, 1987 - - - - -	10
4.Livebirths, Total Deaths, Deaths Under 1 Year, Maternal Deaths and Fetal Deaths, Philippines, 1937-1987 - - - - -	12
5.Livebirths, Total Deaths: Infant, Fetal and Maternal Deaths, By Health Region, Province and City, No. & Rate, Philippines, 1987 - - - - -	15
6.Livebirths, Total Deaths, Infant & Maternal Deaths By Month of Occurrence, No. & Percent Distribution, Philippines, 1987 - - - - -	19
7.Total Livebirths, Female Population (15-49 Years) and Fertility Rates, By Health Region, Philippines, 1987 - - - - -	21

B. FIGURES

1.Philippine Health Picture, 1937-1987 - - - - -	5
2.Estimated Population, Philippines 1937-1987 - - - - -	7
3.Estimated Population By Age and Sex, Philippines, 1987 - - - - -	11

4. Crude Birth and Death Rates, Philippines, 1937 - 1987 - - - - -	13
5. Infant and Maternal Death Rates, Philippines, 1937 - 1987 - - - - -	14

III. NATALITY STATISTICS

A. Tables

8. Live Births By Sex and Health Region, Province and City, Philippines, 1987- - - - -	26
9. Frequency Distribution of Live Births By Attendance, Health Region, Province and City, Philippines, 1987 - - - - -	31
✓ 10. Percentage Distribution of Live Births By Attendance, Health Region, Province and City, Philippines, 1987 - - - - -	35
11. Live Births By Age of Mother and Sex, Philippines, 1987 - - - - -	39
12. Live Births By Age of Mother and Number of Living Issues, Philippines, 1987 - - - - -	41

B. Figures

6. Health Indices By Month of Occurrence, Percent Distribution, Philippines, 1987- - - - -	20
7. Fertility Rate By Health Region, Philippines, 1987 - - - - -	22
8. Births By Attendance, Philippines, 1987 - - - - -	30
9. Live Births, By Age of Mother and Sex, No. & Percentage Distribution, Philippines, 1987 - - - - -	40
✓ 10. Morbidity: Leading Causes, Rate/100,000 Population, Philippines, 5-Year Average (1982-1986) & 1987- - - - -	46

IV. NOTIFIABLE DISEASES

A. Tables

13. Morbidity: Ten (10) Leading Causes, No. & Rate /100,000 Population, Philippines, 5-Year Average (1982-1986) and 1987 - - - - -	45
14. Morbidity: Ten (10) Leading Causes, By Health Region, No. & Rate/100,000 Pop. Philippines, 1987- - - - -	47
15. Notifiable Diseases: Reported Cases & Deaths By Age & Sex, No. & Rate/100,000 Population, Philippines, 1987 - - - - -	51
16. Notifiable Diseases: Reported Cases & Deaths By Health Region, Province & City, No. & Rate/100,000 Pop., Philippines, 1987- - - - -	74

17.	Notifiable Diseases: Reported Cases and Expected (Quartile) Limits of Occurrence, By Week, Philippines, 1987 - - - - -	122
18.	Notifiable, Diseases: Reported Cases and Deaths, No. & Rate/100,000 Population, Philippines, 1937 - 1987 - - - - -	132

V. MORTALITY STATISTICS

A. Tables

19.	Mortality: All Causes By Age & Sex, No. & Rate/100,000 Population & Percentage Distribution, Philippines, 1987- - - - -	159
20.	Mortality: All Causes By Sex & Health Region, No. & Rate/1,000 Population and Percentage Distribution, Philippines, 1987 - - -	161
21.	Mortality: All Causes By Age & Sex and Health Region, No. & Rate & Percentage Distribution, Philippines, 1987- - - - -	163
22.	Mortality: Ten (10) Leading Causes, No. & Rate/100,000 Population, Philippines, 5-Year Average (1982-1986) and 1987- - - - -	170
23.	Mortality: Leading Causes By Attendance, No. & Percent Distribution, Philippines, 1987 - - - - -	173
24.	Mortality: By Attendance, Health Region, Province & City, No. & Percentage Distribution, Philippines, 1987- - - - -	175
25.	Mortality: 150 Cause-Groups By Age & Sex, No. & Rate/100,000 Population, Philippines, 1987 - - - - -	179
26.	Mortality: 17 Cause-Groups, No. & Rate/100,000 Population & Percent Distribution, Philippines, 1987- - - - -	229
27.	Mortality: Communicable Diseases, Malignant Neoplasms and Diseases of the Heart, No. & Rate/100,000 Population, Philippines, 1987 - - -	230
28.	Mortality: Ten (10) Leading Causes, No. & Rate/100,000 Population, Philippines, 1967, 1977 and 1987- - - - -	232
29.	Infant Mortality: By Smaller Age Group, No. & Rate/1,000 l.b. and Percentage Distribution, Philippines, 5-Year Average (1982-1986) and 1987 - - - - -	234
30.	Infant Mortality: Ten (10) Leading Causes, No. & Rate/1,000 l.b. and Percentage Distribution, Philippines, 5-Year Average (1982-1986) and 1987 - - - - -	237

31. Maternal Mortality: By Main Cause, No. & Rate/1,000 l.b. and Percentage Distribution, Philippines, 1987 - - - - -	239
32. Maternal Deaths: By Age of Mother and Health Region, No. & Rate/1,000 l.b. and Percentage Distribution, Philippines, 1987 - - - - -	241
33. Fetal Mortality: By Cause & Attendance, No. & Percentage Distribution, Philippines, 1987- - - - -	246
34. Fetal Deaths: By Cause and Birth Weight, No. & Percentage Distribution, Philippines, 1987- - - - -	249
35. Late Fetal Deaths, By Age of Mother and Birth Order, Philippines, 1987- - - - -	253
36. Fetal Deaths: No. & Percentage Distribution, By Cause and Period of Gestation, Philippines, 1987- - - - -	254
37. Fetal Deaths: By Age of Mother and Birth Order, No. & Rate/1,000 l.b., Philippines, 1987- - - - -	257
38. Fetal Deaths By Cause, No. & Percentage Distribution, Philippines, 1987 - - - - -	260

B. Figures

11. Typhoid and Paratyphoid Fever and Other Salmonella Infections: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987- - - - -	143
12. Diarrheas and Tuberculosis, All Forms: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987 - - - - -	144
13. Leprosy and Diphtheria: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987- - - - -	145
14. Whooping Cough and Tetanus: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987 - - - - -	146
15. Acute Poliomyelitis and Varicella: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987 - - - - -	147
16. Measles and H-Fever: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987- - - - -	148
17. Infectious Hepatitis and Malaria: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987 - - - - -	149
18. Gonococcal Infection and Syphilis: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987 - - - - -	150
19. Schistosomiasis and Filariasis: Morbidity and Mortality Trends, Rate/100,000 Population, 1967-1987 - - - - -	151

20.	Malignant Neoplasms and Bronchitis: Morbidity and Mortality Trends, Rate/100,000 Population, 1967 - 1987 - - - - -	152
21.	Pneumonias and Influenza: Morbidity and Mortality Trends, Rate/100,000 Population, 1967 - 1987 - - - - -	153
22.	Total Mortality: All Causes By Age, Rate/ 1,000 Population, Philippines, 1987 - - - - -	160
23.	Mortality: All Causes By Health Region, Percent Distribution, Philippines, 1987 - - - - -	162
24.	Total Mortality: Leading Causes, Rate/ 100,000 Population, Philippines, 5-Year Average (1982-1986) and 1987 - - - - -	171
25.	Total Mortality: Leading Causes, Percentage Distribution, Philippines, 1987 - - - - -	172
26.	Mortality: Leading Causes By Attendance, Percent Distribution, Philippines, 1987 - - - - -	174
27.	Mortality Trend: Communicable Diseases, Malignant Neoplasms and Diseases of the Heart, Rate/100,000 Population, Philippines, 1937 - 1987 - - - - -	231
28.	Mortality: Leading Causes, Rate/100,000 Population, Philippines, 1967, 1977 and 1987 - - - - -	233
29.	Infant Deaths: By Smaller Age-Group, Percentage Distribution, Philippines, 1987 - - - - -	235
30.	Infant Mortality: Neonatal and Post- Neonatal Death Rates, Philippines, 1987 - - - - -	236
31.	Infant Mortality: Leading Causes, Rate/1,000 l.b., Philippines, 5-Year Average (1982-1986) and 1987 - - - - -	238
32.	Maternal Deaths: By Main Cause, Percent Distribution, Philippines, 1987 - - - - -	240
33.	Fetal Mortality: By Attendance, Percentage Distribution, Philippines, 1987 - - - - -	248
34.	Fetal Deaths: By Period of Gestation, Per- centage Distribution, Philippines, 1987 - - - - -	256
35.	Fetal Mortality: By Age of Mother, Rate/ 1,000 l.b., Philippines, 1987 - - - - -	259

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 thirteen (13) 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 data 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 1937-1987








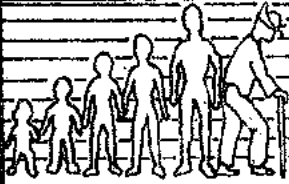
	<p>POPULATION INCREASED FROM 15,444,500 TO 57,356,042 271.4 % INCREASE</p>
	<p>CRUDE BIRTH RATE DECLINED FROM 33.3 TO 27.6 17.1 % DECREASE</p>
	<p>CRUDE DEATH RATE DECLINED FROM 16.5 TO 5.8 64.8 % DECREASE</p>
	<p>INFANT DEATH RATE DECLINED FROM 137.3 TO 32.1 76.6 % DECREASE</p>
	<p>MATERNAL DEATH RATE DECLINED FROM 6.5 TO 1.0 84.6 % DECREASE</p>
	<p>NEONATAL DEATH RATE* DECLINED FROM 42.0 TO 13.5 67.9 % DECREASE</p>
	<p>TUBERCULOSIS DEATH RATE DECLINED FROM 227.2 TO 50.0 78.0 % DECREASE</p>
	<p>LIFE EXPECTANCY AT BIRTH MALE-62.2 YRS. FEMALE-65.9 YRS. BOTH SEXES-64.1 YRS.</p>
<p>* Since 1950</p>	

Fig. 1

1989
198860,843,024
58,721,304

TABLE 1

ESTIMATED POPULATION BY SEX
PHILIPPINES, 1937 - 1987

6

Y E A R	Both Sexes	M a l e	F e m a l e
1987.....	57,356,042	28,795,983	28,560,059
1986.....	56,004,130	28,112,404	27,891,726
1985.....	54,668,332	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	19,434,400	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
1938.....	15,813,600	7,968,800	7,844,800
1937.....	15,444,500	7,778,600	7,665,900

**ESTIMATED POPULATION
PHILIPPINES 1937-1987**

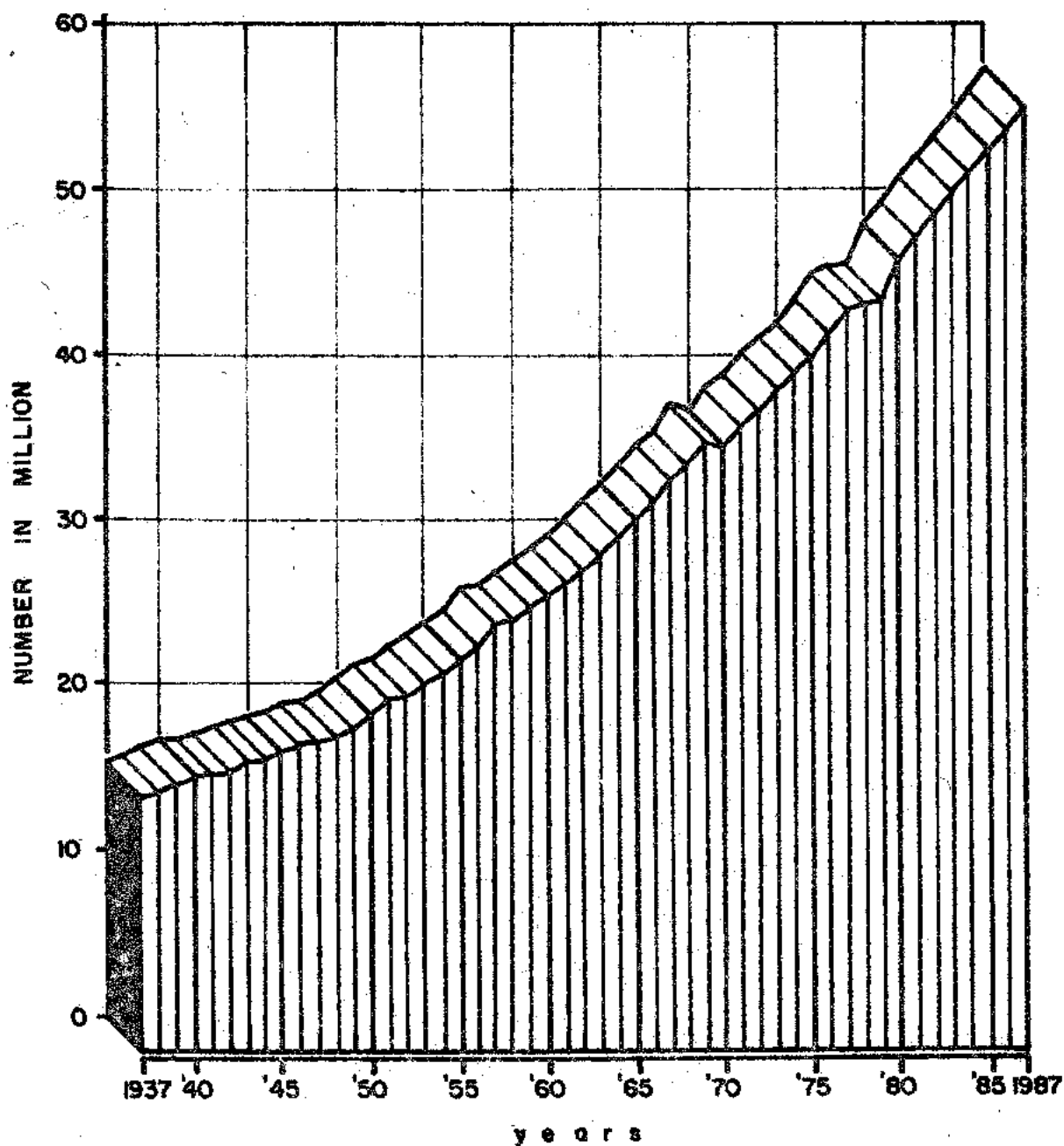


Fig. 2

TABLE 2

ESTIMATED POPULATION
BY HEALTH REGION, PROVINCE AND CITY
PHILIPPINES
1987

8

A R E A	Population	A R E A	Population
<u>PHILIPPINES</u>	<u>57,356,042</u>	<u>PALAYAN CITY</u>	19,630
<u>NAT. CAP. REGION</u>	7,354,187	<u>SAN JOSE CITY</u>	72,692
1ST DIST. MANILA.....	1,813,063	<u>REGION 4</u>	<u>7,488,362</u>
2ND DIST. MUN.....	1,033,788	AURORA.....	130,174
QUEZON CITY.....	1,462,326	BATANGAS.....	1,041,140
3RD DIST. MUN.....	713,160	CAVITE.....	855,031
CALOOCAN CITY.....	572,762	LAGUNA.....	1,061,909
4TH DIST. MUN.....	1,410,165	MARINDUQUE.....	199,133
PASAY CITY.....	348,923	MINDORO OCC.....	269,305
<u>REGION 1</u>	<u>4,012,030</u>	MINDORO OR.....	546,107
ABRA.....	183,757	PALAWAN.....	386,812
BENGUET.....	278,394	QUEZON.....	1,261,179
ILOCOS NORTE.....	363,138	RIZAL.....	719,413
ILOCOS SUR.....	501,274	ROMBLON.....	214,491
LA UNION.....	526,110	BATANGAS CITY.....	168,891
MT. PROVINCE.....	115,850	CAVITE CITY.....	97,529
PANGASINAN.....	1,601,563	LIPA CITY.....	142,016
BAGUIO CITY.....	143,866	LUCENA CITY.....	135,769
DAGUPAN CITY.....	109,198	PUERTO PRINCESA CITY.....	78,005
LAOAG CITY.....	74,949	SAN PABLO CITY.....	150,118
SAN CARLOS CITY.....	113,931	TAGAYTAY CITY.....	20,761
<u>REGION 2</u>	<u>2,652,079</u>	TRECE MARTIRES.....	10,579
BATANES.....	14,987	<u>REGION 5</u>	<u>4,115,334</u>
CAGAYAN.....	829,709	ALBAY.....	830,535
IFUGAO.....	127,323	CAMARINES NORTE.....	370,364
ISABELA.....	1,055,332	CAMARINES SUR.....	1,134,862
KALINGA-APAYAO.....	221,849	CATANDUANES.....	200,277
NUEVA VIZCAYA.....	295,246	MASBATE.....	685,483
QUIRINO.....	107,633	SORSOGON.....	594,239
<u>REGION 3</u>	<u>5,751,369</u>	IRIGA CITY.....	71,656
BATAAN.....	416,812	LEGASPI CITY.....	128,713
BULACAN.....	1,311,597	NAGA CITY.....	99,205
NUEVA ECLJA.....	1,028,882	<u>REGION 6</u>	<u>5,322,784</u>
PAMPANGA.....	1,169,451	AKLAN.....	379,063
TARLAC.....	787,172	ANTIQUE.....	405,994
ZAMBALES.....	346,460	CAPIZ.....	488,808
ANGELES CITY.....	240,038	ILOILO.....	1,384,316
CABANATUAN CITY.....	169,324	NEGROS OCC.....	1,447,681
OLONGAPO CITY.....	189,311	BACOLOD CITY.....	306,090

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TABLE 2

ESTIMATED POPULATION
BY HEALTH REGION, PROVINCE AND CITY
PHILIPPINES
1987

A R E A	Population	A R E A	Population
BAGO CITY.....	120,620	DAPITAN CITY.....	62,531
CADIZ CITY.....	138,384	DIPOLOG CITY.....	74,562
ILOILO CITY.....	276,451	PAGADIAN CITY.....	97,455
LA CARLOTA CITY.....	54,319	ZAMBOANGA CITY.....	405,264
ROXAS CITY.....	97,130		
SAN CARLOS CITY.....	96,731		
SILAY CITY.....	127,197		
<u>REGION 7</u>	<u>4,364,762</u>	<u>REGION 10</u>	<u>3,350,016</u>
BOHOL.....	852,923	AGUSAN DEL NORTE.....	232,458
CEBU.....	1,375,493	AGUSAN DEL SUR.....	329,572
NEGROS OR.....	796,921	BUKIDNON.....	766,149
SIQULJOR.....	78,377	CAMIGUIN.....	61,904
		MISAMIS OCC.....	260,905
BAIS CITY.....	54,796	MISAMIS OR.....	444,359
CANLAON CITY.....	31,854	SURIGAO DEL NORTE....	347,480
CEBU CITY.....	595,791		
DANAO CITY.....	65,131	BUTUAN CITY.....	209,855
DUMAGUETE CITY.....	75,638	CACAYAN DE ORO.....	315,166
LAPU-LAPU CITY.....	121,076	GINGOOG CITY.....	96,234
MANDAWE CITY.....	158,795	OROQUIETA CITY.....	55,869
TAGBILARAN CITY.....	47,809	OZAMIS CITY.....	90,458
TOLEDO CITY.....	110,158	SURIGAO CITY.....	95,238
		TANGUB CITY.....	44,369
<u>REGION 8</u>	<u>3,185,293</u>	<u>REGION 11</u>	<u>4,032,441</u>
LEYTE DEL NORTE.....	1,226,216	COTABATO SOUTH.....	715,383
LEYTE DEL SUR.....	350,971	DAVAO DEL NORTHE.....	853,452
EASTERN SAMAR.....	373,825	DAVAO DEL SUR.....	603,482
NORTHERN SAMAR.....	451,989	DAVAO DEL SUR.....	406,202
WESTERN SAMAR.....	410,267	SURIGAO DEL SUR.....	458,167
CALBAYOG CITY.....	119,288		
ORMOC CITY.....	124,594	DAVAO CITY.....	785,251
TACLOBAN CITY.....	128,143	GEN. SANTOS CITY.....	210,504
	2,345,387		2,796,379
<u>REGION 9</u>	<u>2,994,373</u>	<u>REGION 12</u>	<u>2,733,012</u>
BASILAN.....	241,370	LANAO DEL NORTE.....	368,059
SULU.....	421,073	LANAO DEL SUR.....	405,469
TAWI-TAWI.....	227,913	MAGUINDANAO.....	531,169
ZAMB. DEL NORTE.....	550,913	NORTH COTABATO.....	693,716
ZAMB. DEL SUR.....	913,292	SULTAN KUDARAT.....	383,217
		COTABATO CITY.....	100,132
		ILIGAN CITY.....	191,333
		MARAWI CITY.....	59,917

34

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TABLE 3

ESTIMATED POPULATION
No. & Percentage Distribution, By Age & Sex
PHILIPPINES
1987

10

A G E	P o p u l a t i o n			Percentage Distribution		
	M a l e	F e m a l e	Both Sexes	M a l e	F e m a l e	Both Sexes
<u>ALL AGES.....</u>	<u>28,795,983</u>	<u>28,560,059</u>	<u>57,336,042</u>	<u>50.2</u>	<u>49.8</u>	<u>100.0</u>
Under 1 yr.....	875,750	833,382	1,709,132	1.4	1.5	2.9
1 - 4 yrs.....	3,309,583	3,214,006	6,523,589	5.8	5.6	11.4
5 - 9 yrs.....	3,913,119	3,755,898	7,669,017	6.8	6.5	13.3
10 - 14 yrs.....	3,559,088	3,357,220	6,916,308	6.2	6.0	12.2
15 - 19 yrs.....	3,159,887	3,000,702	6,160,589	5.5	5.2	10.7
20 - 24 yrs.....	2,720,580	2,757,801	5,478,381	4.7	4.8	9.5
25 - 29 yrs.....	2,299,942	2,487,250	4,787,192	4.0	4.3	8.3
30 - 34 yrs.....	2,004,007	2,090,580	4,094,587	3.5	3.6	7.1
35 - 39 yrs.....	1,642,247	1,616,900	3,259,147	2.9	2.8	5.7
40 - 44 yrs.....	1,287,122	1,253,507	2,540,629	2.2	2.2	4.4
45 - 49 yrs.....	1,070,840	1,058,342	2,129,182	1.9	1.8	3.7
50 - 54 yrs.....	797,998	836,132	1,634,130	1.4	1.5	2.9
55 - 59 yrs.....	662,209	671,669	1,333,878	1.2	1.1	2.3
60 - 64 yrs.....	506,588	548,170	1,054,758	0.9	1.0	1.9
65 - 69 yrs.....	383,971	432,268	816,239	0.7	0.8	1.5
70 yrs. and Over.....	603,052	646,232	1,249,284	1.1	1.1	2.2

ESTIMATED POPULATION BY AGE & SEX PHILIPPINES, 1987

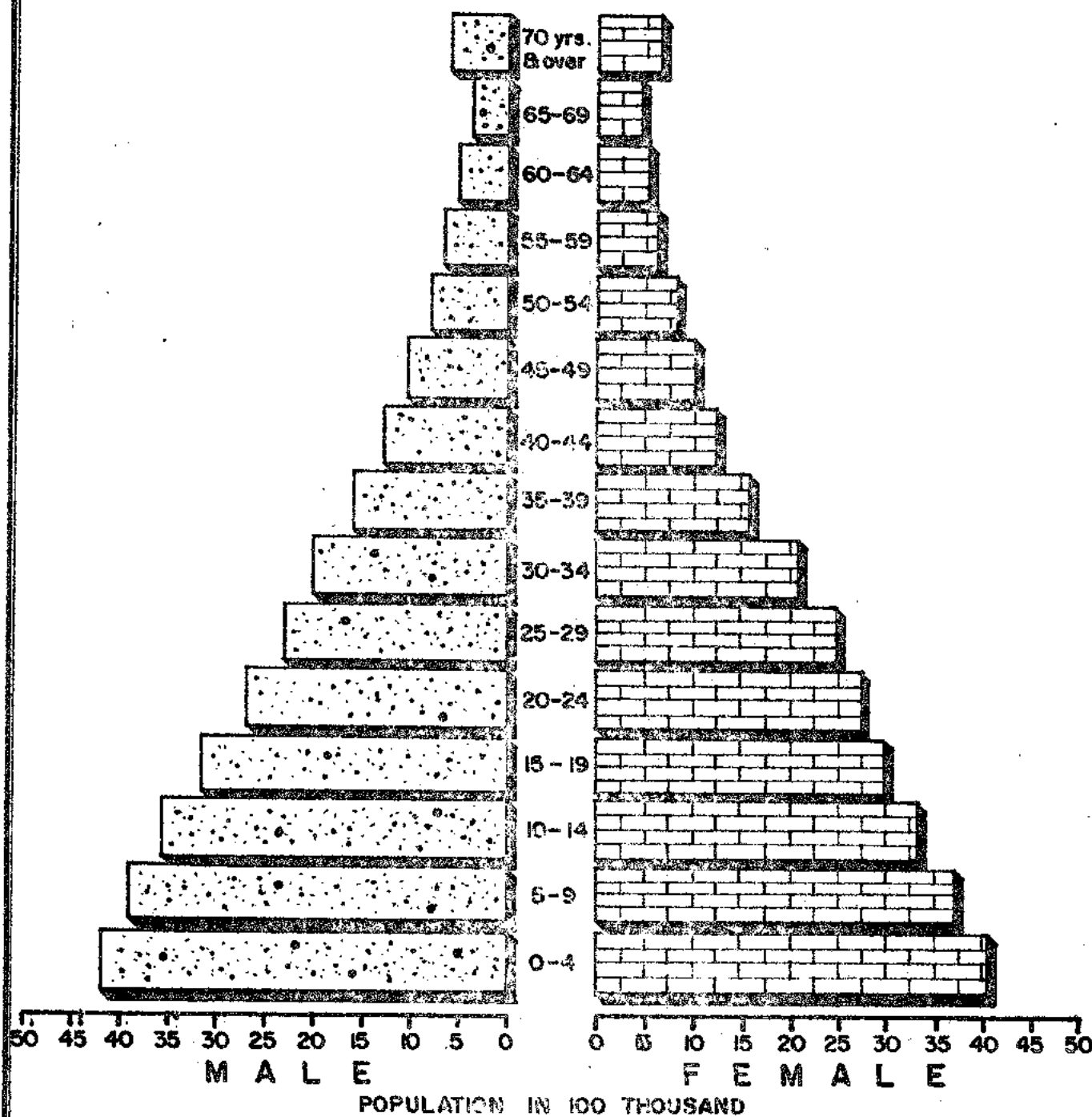


Fig. 3

LIVEBIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR
MATERNAL DEATHS & FETAL DEATHS
No. & Rate
PHILIPPINES, 1937-1987

Y E A R	BIRTHS		DEATHS		DEATHS UNDER 1 YR.		MATERNAL DEATHS		FETAL DEATHS	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate**	Number	Rate**
1987.....	1582469	27.6	335254	5.8	50803	32.1	1611	1.0	10515	6.6
1986.....	1493995	26.7	326749	5.8	52263	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	13343	9.1
1980.....	1456860	30.2	298006	6.2	65700	45.1	1607	1.1	13965	9.6
1979.....	1429814	30.7	306427	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	283975	6.8	63491	58.7	1690	1.6	13451	12.4
1973.....	1049290	26.1	283475	7.0	67881	64.7	1488	1.4	10808	10.3
1972.....	968385	24.8	285761	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	7384	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	240865	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	215743	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.....	782857	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	***	-	-	-
1938.....	512389	32.4	261848	16.6	71239	139.0	3449	6.7	-	-
1937.....	513760	33.3	254740	16.5	70515	137.3	3347	6.5	-	-

* Per 1,000 Population.

**Per 1,000 livebirths.

*** No data available.

CRUDE BIRTH AND DEATH RATES

Rate per 1,000 population
PHILIPPINES
1937-1987

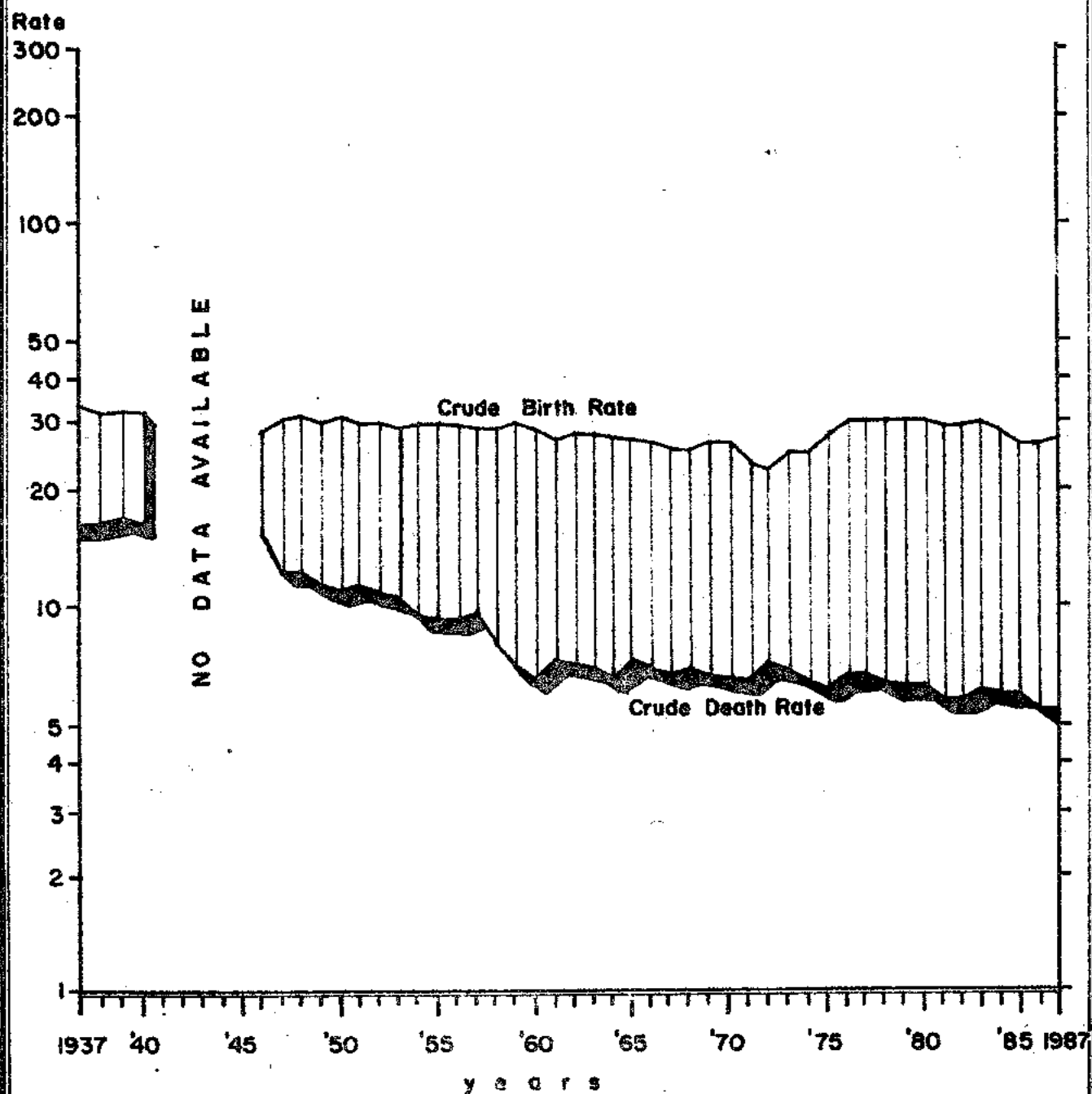


Fig. 4

INFANT AND MATERNAL DEATH RATES

Rate per 1,000 live births

PHILIPPINES

1937-1987

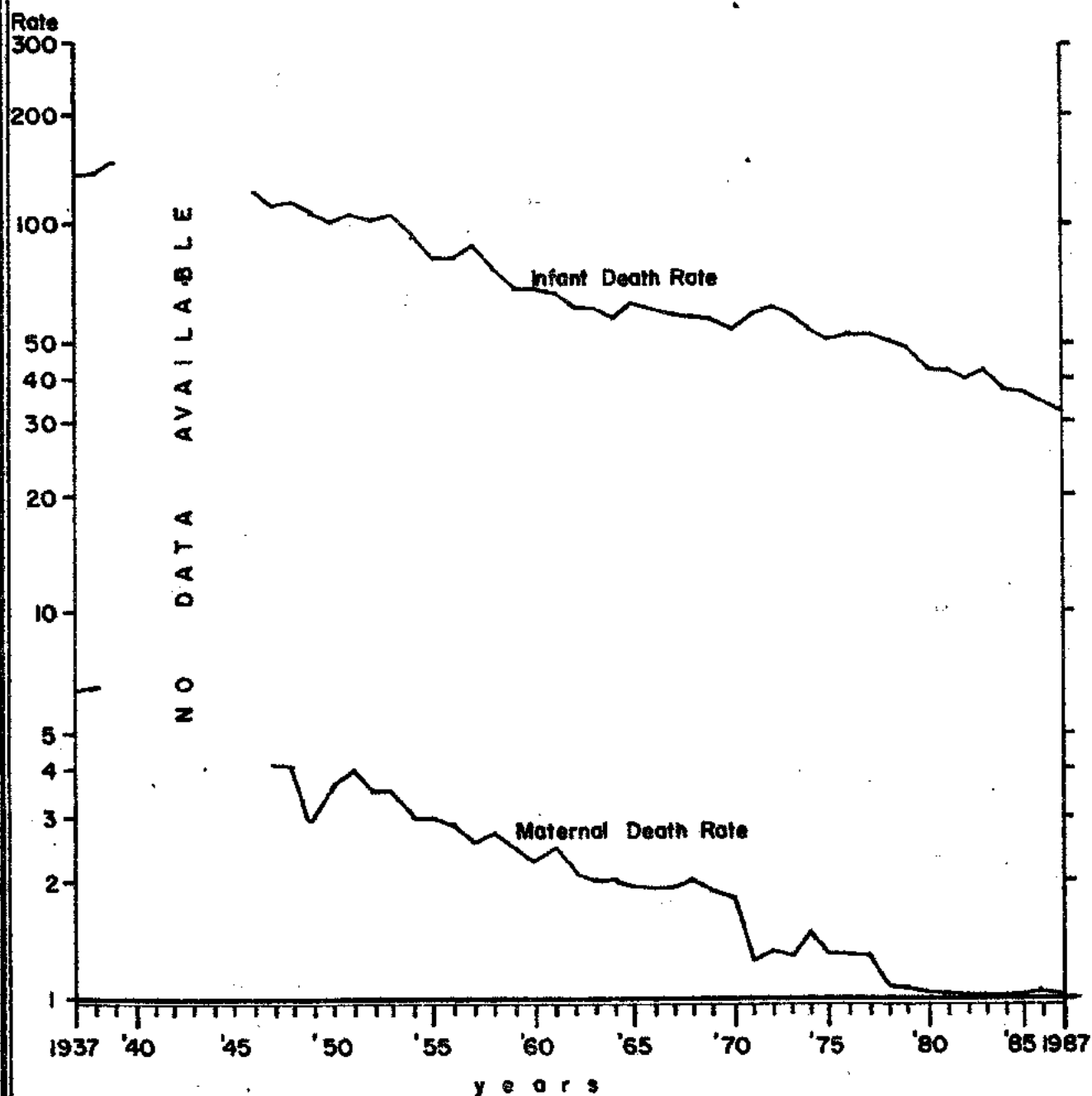


Fig. 5

TABLE 5

LIVEBIRTHS, TOTAL DEATHS AND INFANT, FETAL & MATERNAL DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate
PHILIPPINES
1987

15

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
<u>PHILIPPINES.....</u>	<u>1582469</u>	<u>27.6</u>	<u>335254</u>	<u>5.8</u>	<u>50803</u>	<u>32.1</u>	<u>10515</u>	<u>6.6</u>	<u>1611</u>	<u>1.0</u>
<u>NAT. CAP. REG....</u>	<u>242905</u>	<u>33.0</u>	<u>51606</u>	<u>7.0</u>	<u>8394</u>	<u>34.6</u>	<u>2493</u>	<u>10.3</u>	<u>125</u>	<u>0.5</u>
1ST DIST.....										
MANILA.....	90424	49.9	17673	9.7	3274	36.2	1197	13.2	35	0.4
2ND DIST. MUN....	29353	28.4	6150	5.9	1025	34.9	362	12.3	17	0.6
QUEZON CITY.....	47209	32.3	11949	8.2	1525	32.3	288	6.1	32	0.7
3RD DIST. MUN....	16838	23.6	3507	4.9	611	36.3	93	5.5	10	0.6
CALOOCAN CITY..	14183	24.8	3514	6.1	563	39.7	100	7.1	11	0.8
4TH DIST. MUN....	36179	25.7	6955	4.9	1102	30.5	343	9.5	16	0.4
PASAY CITY.....	8719	25.0	1858	5.3	294	33.7	110	12.6	4	0.5
<u>REGION 1</u>	<u>120972</u>	<u>30.2</u>	<u>28393</u>	<u>7.1</u>	<u>3955</u>	<u>32.7</u>	<u>793</u>	<u>6.6</u>	<u>116</u>	<u>1.0</u>
ABRA.....	4188	22.8	914	5.0	115	27.5	3	0.7	2	0.5
BENGUET.....	9008	32.4	1147	4.1	187	20.8	33	3.7	10	1.1
ILOCOS NORIE.....	9379	25.8	2719	7.5	317	33.8	71	7.6	6	0.6
ILOCOS SUR.....	12548	25.0	3672	7.3	397	31.6	51	4.1	17	1.4
LA UNION.....	15737	29.9	4095	7.8	543	34.5	118	7.5	17	1.1
MT. PROVINCE.....	2707	23.4	508	4.4	64	23.6	27	10.0	2	0.7
PANCASINAN.....	48808	30.5	11058	6.9	1695	34.7	243	5.0	36	0.7
BAGUIO CITY.....	6029	41.9	976	6.8	107	17.7	69	11.4	7	1.2
DAGUPAN CITY.....	6747	61.8	1780	16.3	360	53.4	138	20.5	12	1.8
LAOAG CITY.....	2112	28.2	774	10.3	79	37.4	28	13.3	1	0.5
SAN CARLOS CITY..	3709	32.6	750	6.6	91	24.5	12	3.2	6	1.6
<u>REGION 2</u>	<u>72957</u>	<u>27.5</u>	<u>15274</u>	<u>5.8</u>	<u>2739</u>	<u>37.5</u>	<u>193</u>	<u>2.6</u>	<u>101</u>	<u>1.4</u>
BATANES.....	362	24.2	101	6.7	8	22.1	2	5.5	0	-
CAGAYAN.....	24219	29.2	6375	7.7	1212	50.0	73	3.0	37	1.5
IFUGAO.....	2839	22.3	470	3.7	76	26.8	1	0.4	3	1.1
ISABELA.....	30376	28.8	5835	5.5	1055	34.7	102	3.4	42	1.4
KALINGA-APAYAO...	4426	20.0	563	2.5	61	13.8	1	0.2	2	0.5
NUEVA VIZCAYA....	7759	26.3	1387	4.7	218	28.1	12	1.5	13	1.7
QUIRINO.....	2976	27.6	543	5.0	109	36.6	2	0.7	4	1.3
<u>REGION 3</u>	<u>167576</u>	<u>29.1</u>	<u>31675</u>	<u>5.5</u>	<u>4472</u>	<u>26.7</u>	<u>1059</u>	<u>6.3</u>	<u>147</u>	<u>0.9</u>
BATAAN.....	12197	29.3	2277	5.5	342	28.0	116	9.5	6	0.5
BULACAN.....	38841	29.6	8142	6.2	1189	30.6	390	10.0	34	0.9
NUEVA ECIJA.....	23659	23.0	4728	4.6	831	35.1	121	5.1	19	0.8
PAMPANGA.....	34495	29.5	5096	4.4	527	15.3	57	1.7	17	0.5
TARLAC.....	24120	30.6	4834	6.1	623	25.8	163	6.8	19	0.8
ZAMBALES.....	10200	29.4	1824	5.3	225	22.1	54	5.3	25	2.5
ANGELES CITY.....	8342	34.8	1474	6.1	233	27.9	83	9.9	2	0.2
CABANATUAN CITY..	6258	37.0	1511	8.9	165	26.4	16	2.6	7	1.1

TABLE 5

LIVEBIRTHS, TOTAL DEATHS AND INFANT, FETAL & MATERNAL DEATHS
BY HEALTH REGION, PROVINCE & CITYNo. & Rate
PHILIPPINES
1987

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
OLONGAPO CITY....	6613	34.9	1201	6.3	239	36.1	6	0.9	12	1.8
PALAYAN CITY.....	427	21.8	35	1.8	4	9.4	0	-	0	-
SAN JOSE CITY.....	2424	33.3	553	7.6	94	38.8	53	21.9	6	2.5
<u>REGION 4</u>	<u>221017</u>	<u>29.5</u>	<u>47334</u>	<u>6.3</u>	<u>7594</u>	<u>34.4</u>	<u>2059</u>	<u>9.3</u>	<u>248</u>	<u>1.1</u>
AURORA.....	4440	34.1	900	6.9	180	40.5	15	3.4	12	2.7
BATANGAS.....	30673	29.5	5865	5.6	813	26.5	192	6.3	11	0.4
CAVITE.....	19871	23.2	4614	5.4	672	33.8	227	11.4	17	0.9
LAGUNA.....	30000	28.3	6194	5.8	802	26.7	261	8.7	49	1.6
MARINDUQUE.....	6101	30.6	1584	8.0	256	42.0	103	16.9	5	0.8
MINDORO OCC.....	7330	27.2	1232	4.6	210	28.6	54	7.4	9	1.2
MINDORO OR.....	17092	31.3	3286	6.0	677	39.6	210	12.3	22	1.3
PALAWAN.....	3579	22.2	1261	3.3	210	24.5	21	2.4	13	1.5
QUEZON.....	36837	29.2	9445	7.5	1638	44.5	333	9.0	46	1.2
RIZAL.....	22485	31.3	3997	5.6	636	28.3	288	12.8	11	0.5
ROMBLON.....	6733	31.4	1794	8.4	338	50.2	51	7.6	15	2.2
BATANGAS CITY....	6933	41.1	1283	7.6	237	34.2	59	8.5	2	0.3
CAVITE CITY.....	2712	27.8	717	7.4	109	40.2	41	15.1	7	2.6
LIPA CITY.....	4827	34.0	1101	7.8	188	38.9	36	7.5	3	0.6
LUCENA CITY.....	6147	45.3	1648	12.1	263	42.8	0	-	8	1.3
PUERTO PRINCESA..	2950	37.8	507	6.5	79	26.8	33	11.2	6	2.0
SAN PABLO CITY...	5391	35.9	1464	9.8	195	36.2	82	15.2	8	1.5
TAGAYTAY CITY....	515	24.8	80	3.9	10	19.4	2	3.9	1	1.9
TRECE MARTIRES...	1401	132.4	362	34.2	81	57.8	51	36.4	3	2.1
<u>REGION 5</u>	<u>117683</u>	<u>28.6</u>	<u>29820</u>	<u>7.2</u>	<u>4718</u>	<u>40.1</u>	<u>601</u>	<u>5.1</u>	<u>185</u>	<u>1.6</u>
ALBAY.....	26403	31.8	6011	7.2	836	31.7	157	5.9	23	0.9
CAMARINES NORTE..	12073	32.6	3769	10.2	717	59.4	107	8.9	26	2.2
CAMARINES SUR....	35993	31.7	7643	6.7	1362	37.8	156	4.3	60	1.7
CATANDUANES.....	6148	30.7	1736	8.7	298	48.5	47	7.6	4	0.7
MASBATE.....	7237	10.6	2613	3.8	451	62.3	4	0.6	16	2.2
SORSOGON.....	15736	26.5	4860	8.2	622	39.5	65	4.1	38	2.4
IRIGA CITY.....	2652	37.0	662	9.2	76	28.7	29	10.9	4	1.5
LEGASPI CITY.....	5136	39.9	1352	10.5	206	40.1	36	7.0	6	1.2
NAGA CITY.....	6305	63.6	1174	11.8	150	23.8	0	-	8	1.3
<u>REGION 6</u>	<u>114823</u>	<u>21.6</u>	<u>32959</u>	<u>6.2</u>	<u>4496</u>	<u>39.2</u>	<u>618</u>	<u>5.4</u>	<u>137</u>	<u>1.2</u>
AKLAN.....	9223	24.3	2637	7.0	423	45.9	52	5.6	7	0.8
ANTIQUE.....	9982	24.6	3374	8.3	537	53.8	68	6.8	19	1.9
CAPIZ.....	9016	18.4	2717	5.6	464	51.5	22	2.4	10	1.1
ILOILO.....	30214	21.8	8193	5.9	1127	37.3	132	4.4	22	0.7
NEGROS OCC.....	25492	17.6	6328	4.4	904	35.5	121	4.7	39	1.5

TABLE 5

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

17

No. & Rate
PHILIPPINES
1987

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.....	7086	23.2	2931	9.6	225	31.8	74	10.4	17	2.4
BAGO CITY.....	1744	14.5	577	4.8	87	49.9	17	9.7	3	1.7
CADIZ CITY.....	1988	14.4	490	3.5	42	21.1	6	3.0	1	0.5
ILOILO CITY.....	9429	34.1	2902	10.5	317	33.6	57	6.0	8	0.8
LA CARLOTA CITY...	1325	24.4	336	6.2	27	20.4	10	7.5	1	0.2
ROXAS CITY.....	3415	35.2	1072	11.0	164	48.0	0	-	1	0.3
SAN CARLOS CITY...	2886	29.8	713	7.4	105	36.4	25	8.7	1	0.3
SILAY CITY.....	3023	23.8	689	5.4	74	24.5	34	11.2	8	2.6
<u>REGION 7</u>	<u>127899</u>	<u>29.3</u>	<u>28538</u>	<u>6.5</u>	<u>4034</u>	<u>31.5</u>	<u>924</u>	<u>7.2</u>	<u>114</u>	<u>0.9</u>
BOHOL.....	23352	27.4	5715	6.7	885	37.9	188	8.1	20	0.9
CEBU.....	40132	29.2	8887	6.5	1345	33.5	288	7.2	31	0.8
NEGROS OR.....	16660	20.9	2605	3.3	301	18.1	34	2.0	13	0.8
SIQULJOR.....	1949	24.9	622	7.9	59	30.3	14	7.2	2	1.0
BAIS CITY.....	1500	27.4	215	3.9	26	17.3	3	2.0	1	0.7
CANLAON CITY.....	963	30.2	373	11.7	68	70.6	23	23.9	5	5.2
CEBU CITY.....	24284	40.8	5666	9.5	721	29.7	241	9.9	20	0.8
DANAO CITY.....	2200	33.8	474	7.3	78	35.5	5	2.3	1	0.5
DUMAGUETE CITY....	3357	44.4	1077	14.2	106	31.6	46	13.7	4	1.2
LAPU-LAPU CITY....	3903	32.2	939	7.8	193	49.4	28	7.2	2	0.5
MANDAWE CITY.....	3643	22.9	758	4.8	117	32.1	44	12.1	4	1.1
TAGBILARAN CITY...	2436	51.0	606	12.7	54	22.2	10	4.1	8	3.3
TOLEDO CITY.....	3520	32.0	601	5.5	81	23.0	0	-	3	0.9
<u>REGION 8</u>	<u>60236</u>	<u>18.9</u>	<u>18460</u>	<u>5.8</u>	<u>2380</u>	<u>39.5</u>	<u>274</u>	<u>4.5</u>	<u>105</u>	<u>1.7</u>
LEYTE DEL NORTE...	28216	23.0	8510	6.9	1220	43.2	148	5.2	50	1.8
LEYTE DEL SUR.....	8915	25.4	2159	6.2	301	33.8	50	5.6	10	1.1
EASTERN SAMAR.....	3878	10.4	1138	3.0	84	21.7	4	1.0	3	0.8
NORTHERN SAMAR....	5715	12.6	2478	5.5	323	56.5	27	4.7	19	3.3
WESTERN SAMAR.....	4227	10.3	1284	3.1	106	25.1	2	0.5	2	0.5
CALBAYOG CITY.....	1535	12.9	693	5.8	84	54.7	3	2.0	5	3.3
ORMOC CITY.....	3996	32.1	658	5.3	72	18.0	10	2.5	5	1.3
TACLOBAN CITY.....	3754	29.3	1540	12.0	190	50.6	30	8.0	11	2.9
<u>REGION 9</u>	<u>58637</u>	<u>19.6</u>	<u>9786</u>	<u>3.3</u>	<u>1647</u>	<u>28.1</u>	<u>267</u>	<u>4.5</u>	<u>61</u>	<u>1.0</u>
BASILAN.....	1992	8.3	480	2.0	60	30.1	14	7.0	4	2.0
SULU.....	1821	4.3	780	1.9	150	82.4	42	23.1	4	2.2
TAWI-TAWI.....	304	1.3	55	0.2	2	6.6	0	-	0	-
ZAMB. DEL NORTE...	11361	20.6	1668	3.0	229	19.7	11	1.0	17	1.5
ZAMB. DEL SUR.....	24374	26.7	2472	2.7	404	16.6	41	1.7	24	1.0

TABLE 5

LIVEBIRTHS, TOTAL DEATHS AND INFANT, FETAL & MATERNAL DEATHS
BY HEALTH REGION, PROVINCE & CITYNo. & Rate
PHILIPPINES
1987

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.....	1644	26.3	338	5.4	39	23.7	12	7.3	1	0.6
DIPOLOG CITY.....	2396	32.1	662	8.9	122	50.9	0	-	4	1.7
PAGADIAN CITY.....	3146	32.3	739	7.6	154	49.0	0	-	0	-
ZAMBOANGA CITY....	11649	28.7	2592	6.4	487	41.8	147	12.6	7	0.6
<u>REGION 10</u>	<u>101569</u>	<u>30.3</u>	<u>16287</u>	<u>4.9</u>	<u>2665</u>	<u>26.2</u>	<u>565</u>	<u>5.6</u>	<u>128</u>	<u>1.3</u>
AGUSAN DEL NORTE..	6859	29.5	1144	4.9	216	31.5	41	6.0	3	0.4
AGUSAN DEL SUR....	11828	35.9	1043	3.2	183	15.5	18	1.5	10	0.8
BUKIDNON.....	25656	33.5	2122	2.8	367	14.3	116	4.5	26	1.0
CAMIGUIN.....	1768	28.6	441	7.1	54	30.5	19	10.7	6	3.4
MISAMIS OCC.....	6179	23.7	1346	5.2	171	27.7	13	2.1	8	1.3
MISAMIS OR.....	12356	27.3	2166	4.9	399	32.3	65	5.3	9	0.7
SURIGAO DEL NORTE	6741	19.4	1429	4.1	230	34.1	2	0.3	11	1.6
BUTUAN CITY.....	7342	34.9	1541	7.3	291	39.6	78	10.6	17	2.3
CAGAYAN DE ORO....	11633	36.9	2030	6.4	315	27.1	114	9.8	12	1.0
GINGOOG CITY.....	2653	27.6	678	7.0	113	42.6	31	11.7	4	1.5
OROQUIEPA CITY....	1422	25.5	420	7.2	36	25.3	17	12.0	2	1.4
OZAMIS CITY.....	2927	32.4	799	8.8	143	48.9	38	13.0	8	2.7
SURIGAO CITY.....	3050	32.0	794	8.3	108	35.4	13	4.3	10	3.3
TANGUB CITY.....	1155	26.0	334	7.5	39	33.8	0	-	2	1.7
<u>REGION 11</u>	<u>127160</u>	<u>31.5</u>	<u>17754</u>	<u>4.4</u>	<u>2533</u>	<u>19.9</u>	<u>470</u>	<u>3.7</u>	<u>101</u>	<u>0.8</u>
COTABATO SOUTH....	19589	27.4	2775	3.9	405	20.7	55	2.8	19	1.0
DAVAO DEL NORTE..	35146	41.2	3847	4.5	593	16.9	149	4.2	19	0.5
DAVAO ORIENTAL....	9733	24.0	1367	3.4	200	20.5	26	2.7	7	0.7
DAVAO DEL SUR....	15961	26.4	1965	3.3	235	14.7	71	4.4	16	1.0
SURIGAO DEL SUR..	12936	28.2	2295	5.0	424	32.8	27	2.1	16	1.2
DAVAO CITY.....	25713	32.7	4209	5.4	448	17.4	65	2.5	16	0.6
GEN. SANTOS CITY..	8082	38.4	1296	6.2	228	28.2	77	9.5	8	1.0
<u>REGION 12</u>	<u>48985</u>	<u>17.9</u>	<u>7368</u>	<u>2.7</u>	<u>1176</u>	<u>24.0</u>	<u>199</u>	<u>4.1</u>	<u>43</u>	<u>0.9</u>
COTABATO NORTH....	16340	23.6	1795	2.6	181	11.1	11	0.7	10	0.6
LANAO DEL NORTE..	8682	23.6	1170	3.2	174	20.0	27	3.1	9	1.0
LANAO DEL SUR....	1035	2.6	127	0.3	4	3.9	0	-	0	-
MAGUINDANAO.....	2435	4.6	221	0.4	20	8.2	0	-	2	0.8
SULTAN KUDARAT...	9300	24.3	1181	3.1	178	19.1	28	3.0	7	0.8
COTABATO CITY....	3075	30.7	1109	11.1	297	96.6	6	2.0	6	2.0
ILIGAN CITY.....	7563	39.5	1582	8.3	288	38.1	119	15.7	7	0.9
MARAWI CITY.....	555	9.3	183	3.1	34	61.3	8	14.4	2	3.6

TABLE 6

LIVEBIRTHS, DEATHS, INFANT, MATERNAL & FETAL DEATHS
BY MONTH OF OCCURRENCE
No. & Percent Distribution
PHILIPPINES
1987

19

MONTH	BIRTHS		DEATHS		INFANT DEATHS		MATERNAL DEATHS		FETAL DEATHS	
	No.	%	No.	%	No.	%	No.	%	No.	%
JANUARY.....	132758	8.4	29858	8.9	4469	8.8	139	8.6	896	8.5
FEBRUARY.....	111560	7.0	27511	8.2	4004	7.9	136	8.4	828	7.9
MARCH.....	124843	7.9	29519	8.8	4448	8.8	115	7.2	929	8.8
APRIL.....	127406	8.1	27539	8.2	4108	8.1	134	8.3	796	7.6
MAY.....	133753	8.5	28973	8.6	4148	8.2	133	8.3	889	8.5
JUNE.....	126266	8.0	26910	8.0	4100	8.1	117	7.3	829	7.9
JULY.....	127924	8.0	28170	8.4	4539	8.9	120	7.4	908	8.6
AUGUST.....	126284	8.0	29750	8.9	4577	9.0	136	8.4	926	8.8
SEPTEMBER.....	139324	8.8	27133	8.1	4183	8.2	148	9.2	897	8.5
OCTOBER.....	144846	9.2	27117	8.1	4189	8.2	145	9.0	962	9.1
NOVEMBER.....	143544	9.0	26315	7.8	4077	8.0	140	8.7	911	8.7
DECEMBER.....	143961	9.0	26459	8.0	3961	7.8	148	9.2	744	7.1
T O T A L	1582469	100.0	335254	100.0	50803	100.0	1611	100.0	10515	100.0

HEALTH INDICES BY MONTH OF OCCURRENCE PERCENT DISTRIBUTION PHILIPPINES 1987

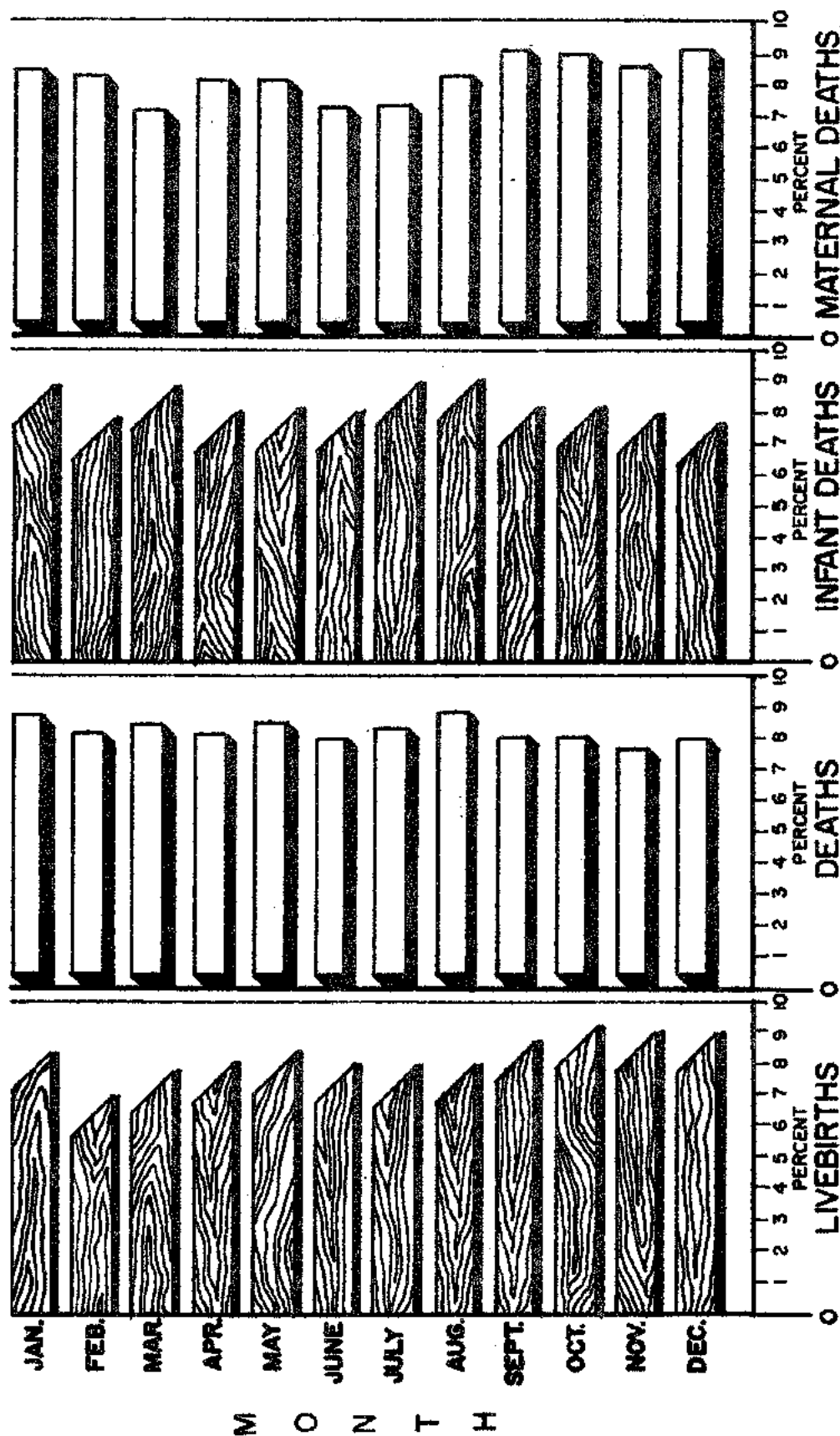


Fig. 6

TABLE 7

TOTAL LIVEBIRTHS, FEMALE POPULATION (15-49 YRS.)
& FERTILITY RATE BY HEALTH REGION
PHILIPPINES
1987

21

A R E A	T o t a l Live Births	Female Population (15 - 49 Years)	Fertility Rate
<u>PHILIPPINES.....</u>	<u>1,582,469</u>	<u>14,265,082</u>	<u>110.9</u>
<u>NAT. CAP. REG.....</u>	<u>242,905</u>	<u>2,168,292</u>	<u>112.0</u>
REGION 1.....	120,972	970,026	124.7
REGION 2.....	72,957	641,929	113.7
REGION 3.....	167,576	1,440,773	116.3
REGION 4.....	221,017	1,811,665	122.0
REGION 5.....	117,683	912,965	128.9
REGION 6.....	114,823	1,255,327	91.5
REGION 7.....	127,899	1,084,146	118.0
REGION 8.....	60,236	741,784	81.2
REGION 9.....	58,687	756,049	77.6
REGION 10.....	101,569	827,375	122.8
REGION 11.....	127,160	998,566	127.3
REGION 12.....	48,985	656,195	74.7

FERTILITY RATE BY HEALTH REGION PHILIPPINES 1987

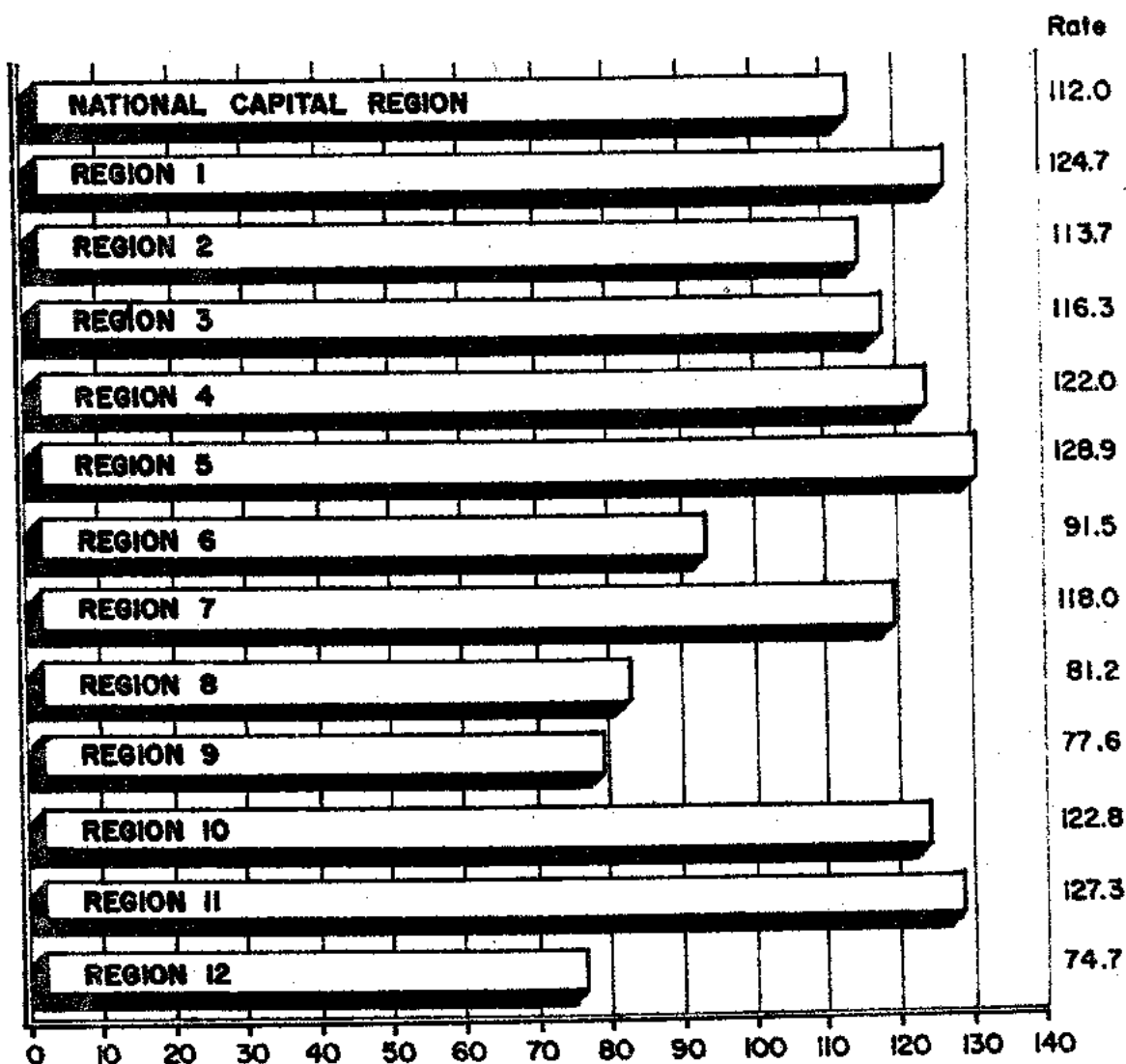


Fig.7

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 1987, a total 1,582,469 births were registered. This number represents an increase of 88,474 or 5.9% than that of the 1988 figure.

The crude birth rate of 27.6 in 1987 is slightly higher than that of the 1986 which is 26.7. The average birth rate for the past ten years (1977-1986) is 29.0 per 1,000 population. While the population has increase by 271.4% since 1937; improvement in birth registration during this period was not consistent with the tremendous population increase.

The figure of 1,582,469 represents the total number of livebirths registered in 1987. 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 1937 to 1987 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 1937, the rate was 33.3 per 1,000 population. Slight changes were observed for the following years (1936-1940). 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 rate decreased to 30.2 in 1980, 27.8 in 1984 and 26.3 and 26.7 in 1985 and 1986 respectively.

Birth By Sex - Of the total 1,582,469 registered births in 1987, 825,528 are males and 756,941 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 ever 1.1 female birth.

Birth By Attendant - Of the total births registered for 1987 (1,582,469), 868,028 (54.5%) had the benefit of medical attendance (Table 9). This figure showed an increase of 54,249 or 67% over that of the previous year. It could be observed that a total of 714,441 births or 45.1% were not medically attended. Of these with medical attendance 370,703 or 23.4% were delivered by physicians, 22,714 or 1.4% by nurses and 474,611 or 30% by midwives. The National Capital Region registered the highest medically attended deliveries 90.3% while Region 5 had the lowest 47.1%.

Crude Birth Rate By Area - Table 5 shows that of all the provinces, Davao del Norte registered the highest birth rate of 41.2 per 1,000 population, while Tawi-Tawi had the lowest rate of 1.3. Of the cities, Trece Martires recorded the highest rate of 132.4 while Marawi City had the lowest, 9.3. Of the 13 health regions, National Capital Region topped the group with a birth rate of 33.0 per 1,000 population, while Region 12 registered the lowest rate of 17.9 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 months of October and December has the highest percentage with an average of 9.1% and 9.2% followed by September with 8.8% while January and May recorded a percentage of 8.5% and 8.4% respectively, and the lowest was February with 7.0%.

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, 8.6% to women below 20 years and less than a percent 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 1987, the female population of such group numbered 14,266,082, while the total livebirths registered was 1,582,469. The fertility rate is 110.9 which is lower by 1.8 or 16% than that of the previous year 1986 (112.7).

TABLE 8

LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

26

A R E A	Both Sexes	M a l e	F e m a l e
<u>PHILIPPINES</u>	<u>1582469</u>	<u>825528</u>	<u>756941</u>
<u>NAT. CAP. REGION</u>	<u>242905</u>	<u>127529</u>	<u>115376</u>
1ST DIST. MANILA.....	90424	47744	42680
2ND DIST. MUN.....	29353	15566	13787
QUEZON CITY.....	47209	24744	22465
3RD DIST. MUN.....	16838	8770	8068
CALOOCAN CITY.....	14183	7387	6796
4TH DIST. MUN.....	36179	18848	17331
PASAY CITY.....	8719	4470	4249
<u>REGION 1</u>	<u>120972</u>	<u>63283</u>	<u>57689</u>
ABRA.....	4188	2188	2000
BENGUET.....	9008	4675	4333
ILOCOS NORTE.....	9379	4892	4487
ILOCOS SUR.....	12548	6624	5924
LA UNION.....	15737	8178	7559
MT. PROVINCE.....	2707	1391	1316
PANGASINAN.....	48808	25604	23204
BAGUIO CITY.....	6029	3120	2909
DAGUPAN CITY.....	6747	3515	3232
LAOAG CITY.....	2112	1145	967
SAN CARLOS CITY.....	3709	1951	1758
<u>REGION 2</u>	<u>72957</u>	<u>38493</u>	<u>34464</u>
BATANES.....	362	201	161
CACAYAN.....	24219	12742	11477
IFUGAO.....	2839	1493	1346
ISABELA.....	30376	16013	14363
KALINGA-APAYAO.....	4426	2381	2045
NUEVA VIZCAYA.....	7759	4054	3705
QUIRINO.....	2976	1609	1367
<u>REGION 3</u>	<u>167576</u>	<u>87539</u>	<u>80037</u>
BATAAN.....	12197	6311	5886
BULACAN.....	38841	20208	18633
NUEVA ECLJA.....	23659	12394	11265
PAMPANGA.....	34495	18020	16475
TARLAC.....	24120	12471	11649
ZAMBALES.....	10200	5431	4769
ANGELES CITY.....	8342	4330	4012
CABANATUAN CITY.....	6258	3424	2834

TABLE 8

LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

A R E A	Both Sexes	M a l e	F e m a l e
OLONGAPO CITY.....	6613	3477	3136
PALAYAN CITY.....	427	240	187
SAN JOSE CITY.....	2424	1233	1191
<u>REGION 4</u>	<u>221017</u>	<u>115347</u>	<u>105670</u>
AURORA.....	4440	2360	2080
BATANGAS.....	30673	15958	14715
CAVITE.....	19871	10239	9632
LAGUNA.....	30000	15808	14192
MARINDUQUE.....	6101	3157	2944
MINDORO OCC.....	7330	3815	3515
MINDORO OR.....	17092	9043	8049
PALAWAN.....	8579	4375	4204
QUEZON.....	36837	18905	17932
RIZAL.....	22485	11979	10506
ROMBLON.....	6733	3468	3265
BATANGAS CITY.....	6933	3733	3200
CAVITE CITY.....	2712	1433	1279
LIPA CITY.....	4827	2494	2333
LUCENA CITY.....	6147	3274	2873
PUERTO PRINCESA.....	2950	1500	1450
SAN PABLO CITY.....	5391	2809	2582
TAGAYTAY CITY.....	515	259	256
TRECE MARTIRES.....	1401	738	663
<u>REGION 5</u>	<u>117683</u>	<u>61283</u>	<u>56400</u>
ALBAY.....	26403	13690	12713
CAMARINES NORTE.....	12073	6340	5733
CAMARINES SUR.....	35993	18676	17317
CATANDUANES.....	6148	3231	2917
MASBATE.....	7237	3720	3517
SORSOGON.....	15736	8240	7496
IRIGA CITY.....	2652	1383	1269
LEGASPI CITY.....	5136	2697	2439
NAGA CITY.....	6305	3306	2999
<u>REGION 6</u>	<u>114823</u>	<u>59859</u>	<u>54964</u>
AKLAN.....	9223	4795	4428
ANTIQUE.....	9982	5180	4802
CAPIZ.....	9016	4705	4311
ILOILO.....	30214	15684	14530
NEGROS OCC.....	25492	13345	12147

TABLE 8

LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

28

A R E A	Both Sexes	M a l e	F e m a l e
BACOLOD CITY.....	7086	3715	3371
BAGO CITY.....	1744	934	810
CADIZ CITY.....	1988	1038	950
ILOILO CITY.....	9429	4934	4495
LA CARLOTA CITY.....	1325	693	632
ROXAS CITY.....	3415	1688	1727
SAN CARLOS CITY.....	2886	1562	1324
SILAY CITY.....	3023	1586	1437
<u>REGION 7</u>	<u>127899</u>	<u>66437</u>	<u>61462</u>
BOHOL.....	23352	11979	11373
CEBU.....	40132	20728	19404
NEGROS OR.....	16660	8680	7980
SIQUJOR.....	1949	972	977
BAIS CITY.....	1500	749	751
CANLON CITY.....	963	484	479
CEBU CITY.....	24284	12899	11385
DANAO CITY.....	2200	1154	1046
DUMAGUETE CITY.....	3357	1827	1530
LAPU-LAPU CITY.....	3903	1981	1922
MANDAWE CITY.....	3643	1872	1771
TAGBILARAN CITY.....	2436	1312	1124
TOLEDO CITY.....	3520	1800	1720
<u>REGION 8</u>	<u>60236</u>	<u>31363</u>	<u>28873</u>
LEYTE DEL NORTE.....	28216	14657	13559
LEYTE DEL SUR.....	8915	4761	4154
EASTERN SAMAR.....	3878	1919	1959
NORTHERN SAMAR.....	5715	2968	2747
WESTERN SAMAR.....	4227	2178	2049
CALBAYOG CITY.....	1535	824	711
ORMOC CITY.....	3996	2128	1868
TACLOBAN CITY.....	3754	1928	1826
<u>REGION 9</u>	<u>58687</u>	<u>30091</u>	<u>28596</u>
BASILAN.....	1992	1033	959
SULU.....	1821	900	921
TAWI-TAWI.....	304	152	152
ZAMBOANGA DEL NORTE.....	11361	5773	5588
ZAMBOANGA DEL SUR.....	24374	12523	11851

LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

A R E A	Both Sexes	M a l e	F e m a l e
DAPITAN CITY.....	1644	819	825
DIPOLOG CITY.....	2396	1274	1122
PAGADIAN CITY.....	3146	1616	1530
ZAMBOANGA CITY.....	11649	6001	5648
<u>REGION 10</u>	<u>101569</u>	<u>52766</u>	<u>48803</u>
AGUSAN DEL NORTE.....	6859	3609	3250
AGUSAN DEL SUR.....	11828	6191	5637
BUKIDNOW.....	25656	13452	12204
CAMIGUIN.....	1768	917	851
MISAMIS OCC.....	6179	3158	3021
MISAMIS OR.....	12356	6386	5970
SURIGAO DEL NORTE.....	6741	3472	3269
BUTUAN CITY.....	7342	3719	3623
CAGAYAN DEL ORO.....	11633	6044	5589
GINGOOG CITY.....	2653	1375	1278
OROQUIETA CITY.....	1422	740	682
OZAMIS CITY.....	2927	1505	1422
SURIGAO CITY.....	3050	1619	1431
TAGBILAR CITY.....	1155	579	576
<u>REGION 11</u>	<u>127160</u>	<u>66066</u>	<u>61094</u>
COTABATO SOUTH.....	19589	10222	9367
DAVAO DEL NORTE.....	35146	18119	17027
DAVAO ORIENTAL.....	9733	5063	4670
DAVAO DEL SUR.....	15961	8375	7586
SURIGAO DEL SUR.....	12936	6764	6172
DAVAO CITY.....	25713	13438	12275
GEN. SANTOS CITY.....	8082	4085	3997
<u>REGION 12</u>	<u>48985</u>	<u>25472</u>	<u>23513</u>
COTABATO NORTH.....	16340	8606	7734
LANAO DEL NORTE.....	8682	4464	4218
LANAO DEL SUR.....	1035	533	502
MAGUINDANAO.....	2435	1243	1192
SULTAN KUDARAT.....	9300	4785	4515
COTABATO CITY.....	3075	1624	1451
ILIGAN CITY.....	7563	3928	3635
MARAWI CITY.....	555	289	266

TABLE 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

30

A R E A	TOTAL BIRTHS	B I R T H S A T T E N D E D B Y :				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
PHILIPPINES.....	1582469	370703	22714	474611	687862	26579
Nat. Cap. REGION...	242905	139073	2456	78025	21854	1497
1ST DIST.....						
MANILA.....	90424	71921	159	17599	486	259
2ND DIST. MUN.....	29353	15729	377	10388	2769	90
QUEZON CITY.....	47209	27018	275	13478	5907	531
3RD DIST. MUN.....	16838	2672	503	10530	2914	219
CALOOCAN CITY....	14183	4212	242	6217	3347	165
4TH DIST. MUN.....	36179	11949	787	17973	5324	146
PASAY CITY.....	8719	5572	113	1840	1107	87
REGION 1	120972	22073	2887	49052	40271	6689
ABRA.....	4188	688	57	1118	2055	270
BENGUET.....	9008	2322	600	2036	672	3378
ILOCOS NORTE.....	9379	1005	278	5815	1933	348
ILOCOS SUR.....	12548	1017	377	5546	5103	505
LA UNION.....	15737	3192	250	7291	4314	84
MT. PROVINCE.....	2707	466	54	680	72	1435
PANGASINAN.....	48808	2104	1121	23606	21728	249
BAGUIO CITY.....	6029	5304	41	226	74	384
DAGUPAN CITY.....	6747	4431	25	977	1303	11
LAOAG CITY.....	2112	536	61	887	607	21
SAN CARLOS CITY....	3709	1008	17	870	1810	4
REGION 2	72957	4586	1030	22883	38870	5588
BATANES.....	362	60	22	264	13	3
CAGAYAN.....	24219	964	276	6666	15442	871
IFUGAO.....	2839	398	78	645	319	1399
ISABELA.....	30376	1863	391	10564	16223	1335
KALINGA=APAYAO....	4426	398	123	1370	1755	780
NUEVA VIZCAYA.....	7759	777	93	2845	3067	977
QUIRINO.....	2976	126	47	529	2051	223
REGION 3	167576	49169	2596	71065	42952	1794
BATAAN.....	12197	3109	115	7062	1876	35
BULACAN.....	38841	10717	565	19405	7749	405
NUEVA ECIJA.....	23659	962	670	12633	9215	179
PAMPANGA.....	34495	13526	223	13573	6763	410
TARLAC.....	24120	6220	632	8603	8352	313
ZAMBALES.....	10200	1855	176	4079	4053	37
ANGELES CITY.....	8342	3865	106	2440	1554	377
CABANATUAN CITY...	6258	4725	22	576	923	12

TABLE 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

A R E A	TOTAL BIRTHS	B I R T H S A T T E N D E D B Y :				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
OLONGAPO CITY....	6613	3848	46	1523	1186	10
PALAYAN CITY.....	427	21	14	87	299	6
SAN JOSE CITY....	2424	321	27	1084	982	10
<u>REGION 4</u>	<u>221017</u>	<u>34266</u>	<u>3342</u>	<u>66628</u>	<u>114513</u>	<u>2268</u>
AURORA.....	4440	267	32	350	3754	37
BATANGAS.....	30673	2148	594	13131	14626	174
CAVITE.....	19871	2309	620	9388	7465	89
LAGUNA.....	30000	5559	438	12744	11006	253
MARINDUQUE.....	6101	343	80	969	4704	5
MINDORO OCC.....	7330	502	96	1283	5232	217
MINDORO OR.....	17092	788	115	1180	14968	41
PALAWAN.....	8579	245	185	1528	6453	168
QUEZON.....	36837	2687	497	7915	24719	1019
RIZAL.....	22485	4056	400	11828	6054	147
ROMBLON.....	6733	724	63	1415	4503	28
BATANGAS CITY....	6933	3027	23	1904	1965	14
CAVITE CITY.....	2712	1956	4	423	327	2
LIPA CITY.....	4827	1244	21	854	2647	61
LUCENA CITY.....	6147	4012	30	209	1894	2
PUERTO PRINCESA..	2950	424	90	422	2008	6
SAN PABLO CITY...	5391	2802	49	766	1772	2
TAGAYTAY CITY....	515	13	5	207	287	3
TRECE MARTIRES...	1401	1160	0	112	129	0
<u>REGION 5</u>	<u>117683</u>	<u>11268</u>	<u>1248</u>	<u>24133</u>	<u>80196</u>	<u>838</u>
ALBAY.....	26403	860	220	5568	19366	389
CAMARINES NORTE...	12073	623	503	3391	7538	18
CAMARINES SUR....	35993	458	243	7689	27388	215
CATANDUANES.....	6148	879	88	1303	3824	54
MASBATE.....	7237	742	42	1415	5009	29
SORSOGON.....	15736	1629	65	2378	11578	86
IRIGA CITY.....	2652	146	13	824	1657	12
LEGASPI CITY.....	5136	2437	37	682	1975	5
NAGA CITY.....	6305	3494	37	883	1861	30
<u>REGION 6</u>	<u>114823</u>	<u>24233</u>	<u>1211</u>	<u>22980</u>	<u>64589</u>	<u>1810</u>
AKLAN.....	9223	1157	148	2214	5463	241
ANTIQUE.....	9982	957	119	2229	6480	197
CAPIZ.....	9016	536	51	1579	6799	51
ILOILO.....	30214	3919	164	6956	18266	909
NEGROS OCC.....	25492	2321	305	5832	16811	223

TABLE 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

32

A R E A	TOTAL BIRTHS	B I R T H S A T T E N D E D B Y :				
		- M.D.	Nurse	Midwife	Trad. Midwife	Others
BACOLOD CITY.....	7086	5950	41	193	899	3
BAGO CITY.....	1744	19	20	697	969	39
CADIZ CITY.....	1988	80	42	627	1201	38
ILOILO CITY.....	9429	5970	156	803	242	88
LA CARLOTA CITY....	1325	257	6	523	537	2
ROXAS CITY.....	3415	825	6	835	1740	9
SAN CARLOS CITY....	2886	144	140	411	2181	10
SILAY CITY.....	3023	2098	13	81	831	0
<u>REGION 7</u>	<u>127899</u>	<u>27726</u>	<u>1994</u>	<u>43970</u>	<u>52661</u>	<u>1548</u>
BOHOL	23352	801	186	11921	10286	158
CEBU.....	40132	2088	581	18007	18827	629
NEGROS OR.....	16660	809	95	4935	10719	102
SIQUIJOR.....	1949	219	32	1546	142	10
BAIS CITY.....	1500	194	20	232	1053	1
CANLAON CITY.....	963	4	13	98	813	35
CEBU CITY.....	24284	16233	603	2801	4125	522
DANAO CITY.....	2200	454	7	567	1120	52
DUMAGUETE CITY.....	3357	2803	4	76	473	1
LAPU-LAPU CITY.....	3903	755	11	1028	2086	23
MANDAWE CITY.....	3643	315	326	1727	1261	14
TAGBILARAN CITY....	2436	1782	62	577	14	1
TOLEDO CITY.....	3520	1269	54	455	1742	0
<u>REGION 8</u>	<u>60236</u>	<u>10111</u>	<u>1002</u>	<u>12532</u>	<u>35572</u>	<u>1019</u>
LEYTE DEL NORTE....	28216	2447	556	5325	19226	662
LEYTE DEL SUR.....	8915	1396	208	2535	4724	52
EASTER SAMAR.....	3878	486	71	1202	2058	61
NORTHERN SAMAR.....	5715	653	58	948	3980	76
WESTERN SAMAR.....	4227	392	84	1639	1965	147
CALBAYOG CITY.....	1535	468	5	134	927	1
ORMOC CITY.....	3996	1161	7	471	2345	12
TACLOBAN CITY.....	3754	3108	13	278	347	8
<u>REGION 9</u>	<u>58687</u>	<u>8044</u>	<u>2142</u>	<u>18439</u>	<u>29570</u>	<u>492</u>
BASILAN.....	1992	245	91	407	1208	41
SULU.....	1821	501	57	655	592	16
TAWI-TAWI.....	304	21	41	130	107	5
ZAMB. DEL NORTE....	11361	248	84	3861	7111	57
ZAMB. DEL SUR.....	24374	724	822	6763	15780	285

TABLE 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

A R E A	TOTAL BIRTHS	B I R T H S A T T E N D E D B Y :				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
DAPITAN CITY.....	1644	701	1	327	614	1
DIPOLOG CITY.....	2396	970	2	931	488	5
PAGADIAN CITY.....	3146	656	29	1946	515	0
ZAMBOANGA CITY.....	11649	3978	1015	3419	3155	82
<u>REGION 10</u>	<u>101569</u>	<u>14029</u>	<u>1290</u>	<u>23552</u>	<u>61092</u>	<u>1606</u>
AGUSAN DEL NORTE....	6859	420	118	1835	4429	57
AGUSAN DEL SUR.....	11828	477	165	2933	8124	129
BUKIDNON.....	25656	2603	433	5378	16393	849
CAMIGUIN.....	1768	203	51	802	711	1
MISAMIS OCC.....	6179	250	69	2341	3484	35
MISAMIS OR.....	12356	305	138	4845	6946	122
SURIGAO DEL NORTE...	6741	325	79	1370	4914	53
BUTUAN CITY.....	7342	2021	8	727	4581	5
CAGAYAN DE ORO.....	11633	4313	162	1405	5425	328
GINGOOG CITY.....	2653	384	7	682	1574	6
OROQUIETA CITY.....	1422	492	4	457	468	1
OZAMIS CITY.....	2927	935	37	316	1630	9
SURIGAO CITY.....	3050	1153	15	154	1719	9
TANGUB CITY.....	1155	148	4	307	694	2
<u>REGION 11</u>	<u>127160</u>	<u>19935</u>	<u>1005</u>	<u>24960</u>	<u>80438</u>	<u>822</u>
COTABATO SOUTH.....	19589	1192	199	5265	12866	67
DAVAO DEL NORTE.....	35146	3413	303	6488	24419	523
DAVAO ORIENTAL.....	9733	560	53	2074	7023	23
DAVAO DEL SUR.....	15961	1865	62	2441	11530	63
SURIGAO DEL SUR.....	12936	1573	91	3116	8088	68
DAVAO CITY.....	25713	10237	80	3995	11353	48
GEN. SANTOS CITY....	8082	1095	217	1581	5159	30
<u>REGION 12</u>	<u>48985</u>	<u>6190</u>	<u>511</u>	<u>16392</u>	<u>25284</u>	<u>608</u>
COTABATO NORTH.....	16340	643	105	3696	11560	336
LANAO DEL NORTE.....	8682	538	88	5035	2848	173
LANAO DEL SUR.....	1035	24	55	444	488	24
MAGUINDANAO.....	2435	49	20	997	1361	8
SULTAN KUDARAT.....	9300	382	95	3266	5526	31
COTABATO CITY.....	3075	1614	45	599	812	5
ILIGAN CITY.....	7563	2611	99	2222	2602	29
MARAWI CITY.....	555	329	4	133	87	2

TABLE 10

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

34

A R E A	Total Births	Percent of Births Attended By :				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
PHILIPPINES.....	1582469	23.4	1.4	30.0	43.5	1.7
NAT. CAP. REGION.....	242905	57.3	1.0	32.1	9.0	0.6
1ST DIST.....						
MANILA.....	90424	79.5	0.2	19.5	0.5	0.3
2ND DIST. MUN.....	29353	53.6	1.3	35.4	9.4	0.3
QUEZON.....	47209	57.2	0.6	28.6	12.5	1.1
3RD DIST. MUN.....	16838	15.9	3.0	62.5	17.3	1.3
CALOOCAN CITY.....	14183	29.7	1.7	43.8	23.6	1.2
4TH DIST. MUN.....	36179	33.0	2.2	49.7	14.7	0.4
PASAY CITY.....	8719	63.9	1.3	21.1	12.7	1.0
<u>REGION 1</u>	<u>120972</u>	<u>18.3</u>	<u>2.4</u>	<u>40.5</u>	<u>33.3</u>	<u>5.5</u>
ABRA.....	4188	16.4	1.4	26.7	49.1	6.4
BENGUET.....	9008	25.8	6.7	22.6	7.5	37.4
ILOCOS NORTE.....	9379	10.7	3.0	62.0	20.6	3.7
ILOCOS SUR.....	12548	8.1	3.0	44.2	40.7	4.0
LA UNION.....	15737	20.3	1.6	46.3	31.3	0.5
MT. PROVINCE.....	2707	17.2	2.0	25.1	2.7	53.0
PANGASINAN.....	48808	4.3	2.3	48.4	44.5	0.5
BAGUIO CITY.....	6029	88.0	0.7	3.7	1.2	6.4
DAGUPAN CITY.....	6747	65.6	0.4	14.5	19.3	0.2
LAOAG CITY.....	2112	25.4	2.9	42.0	28.7	1.0
SAN CARLOS CITY.....	3709	27.2	0.5	23.4	48.8	0.1
<u>REGION 2</u>	<u>72957</u>	<u>6.3</u>	<u>1.4</u>	<u>31.4</u>	<u>53.3</u>	<u>7.6</u>
BATANES.....	362	16.6	6.1	72.9	3.6	0.8
CAGAYAN.....	24219	4.0	1.1	27.5	63.8	3.6
IFUGAO.....	2839	14.0	2.8	22.7	11.2	49.3
ISABELA.....	30376	6.1	1.3	34.8	53.4	4.4
KALINGA-APAYAO.....	4426	9.0	2.8	31.0	39.6	17.6
NUEVA VIZCAYA.....	7759	10.0	1.2	36.7	39.5	12.6
QUIRINO.....	2976	4.2	1.6	17.8	68.9	7.5
<u>REGION 3</u>	<u>167576</u>	<u>29.3</u>	<u>1.6</u>	<u>42.4</u>	<u>25.6</u>	<u>1.1</u>
BATAAN.....	12197	25.5	0.9	57.9	15.4	0.3
BULACAN.....	38841	27.6	1.5	50.0	20.0	0.9
NUEVA ECIJA.....	23659	4.1	2.8	53.4	38.9	0.8
PAMPANGA.....	34495	39.2	0.7	39.3	19.6	1.2
TARLAC.....	24120	25.8	2.6	35.7	34.6	1.3
ZAMBALES.....	10200	18.2	1.7	40.0	39.7	0.4
ANGELES CITY.....	8342	46.3	1.3	29.3	18.6	4.5
CABANATUAN CITY.....	6258	75.5	0.4	9.2	14.7	0.2

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

A R E A	TOTAL BIRTHS	Percent of Births Attended By:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
OLONGAPO CITY.....	6613	58.2	0.7	23.0	17.9	0.2
PALAYAN CITY.....	427	4.9	3.3	20.4	70.0	1.4
SAN JOSE CITY.....	2424	13.3	1.1	44.7	40.5	0.4
<u>REGION 4</u>	<u>221017</u>	<u>15.5</u>	<u>1.5</u>	<u>30.2</u>	<u>51.8</u>	<u>1.0</u>
AURORA.....	4440	6.0	0.7	7.9	84.5	0.8
BATANGAS	30673	7.0	1.9	42.8	47.7	0.6
CAVITE.....	19871	11.6	3.1	47.2	37.6	0.5
LAGUNA.....	30000	18.5	1.5	42.5	36.7	0.8
MARINDUQUE.....	6101	5.6	1.3	15.9	77.1	0.1
MINDORO OCC.....	7330	6.8	1.3	17.5	71.4	3.0
MINDORO OR.....	17092	4.6	0.7	6.9	87.6	0.2
PALAWAN.....	8579	2.9	2.2	17.8	75.2	1.9
QUEZON.....	36837	7.3	1.3	21.5	67.1	2.8
RIZAL.....	22485	18.0	1.8	52.6	26.9	0.7
ROMBLON.....	6733	10.8	0.9	21.0	66.9	0.4
BATANGAS CITY.....	6933	43.7	0.3	27.5	28.3	0.2
CAVITE CITY.....	2712	72.1	0.1	15.6	12.1	0.1
LIPA CITY.....	4827	25.8	0.4	17.7	54.8	1.3
LUCENA CITY.....	6147	65.3	0.5	3.4	30.8	0.03
PUERTO PRINCESA.....	2950	14.4	3.0	14.3	68.1	0.2
SAN PABLO CITY.....	5391	52.0	0.9	14.2	32.9	0.04
TAGAYTAY CITY.....	515	2.5	1.0	40.2	55.7	0.6
TRECE MARTIRES.....	1401	82.8	-	8.0	9.2	-
<u>REGION 5</u>	<u>117683</u>	<u>9.6</u>	<u>1.1</u>	<u>20.5</u>	<u>68.1</u>	<u>0.7</u>
ALBAY.....	26403	3.3	0.8	21.1	73.3	1.5
CAMARINES NORTE.....	12073	5.2	4.2	28.1	62.4	0.1
CAMARINES SUR.....	35993	1.3	0.7	21.4	76.0	0.6
CATANDUANES.....	6148	14.3	1.4	21.2	62.2	0.9
MASBATE.....	7237	10.2	0.6	19.6	69.2	0.4
SORSOGON.....	15736	10.4	0.4	15.1	73.6	0.5
IRIGA CITY.....	2652	5.5	0.5	31.1	62.5	0.4
LEGASPI CITY.....	5136	47.4	0.7	13.3	38.5	0.1
NAGA CITY.....	6305	55.4	0.6	14.0	29.5	0.5
<u>REGION 6</u>	<u>114823</u>	<u>21.1</u>	<u>1.0</u>	<u>20.0</u>	<u>56.3</u>	<u>1.6</u>
AKLAN.....	9223	12.6	1.6	24.0	59.2	2.6
ANTIQUE.....	9982	9.6	1.2	22.3	64.9	2.0
CAPIZ.....	9016	5.9	0.6	17.5	75.4	0.6
ILOILO.....	30214	13.0	0.5	23.0	60.5	3.0
NEGROS OCC.....	25492	9.1	1.2	22.9	65.9	0.9

TABLE 10

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

36

A R E A	TOTAL BIRTHS	P e r c e n t o f B i r t h s A t t e n d e d B y :				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
BACOLOD CITY.....	7086	84.0	0.6	2.7	12.7	0.04
BAGO CITY.....	1744	1.1	1.1	40.0	55.6	2.2
CADIZ CITY.....	1988	4.0	2.1	31.5	60.5	1.9
ILOILO CITY.....	9429	63.3	1.7	8.5	25.6	0.9
LA CARLOTA CITY....	7325	19.4	0.5	39.5	40.5	0.1
ROXAS CITY.....	3415	24.2	0.2	24.4	51.0	0.2
SAN CARLOS CITY....	2886	5.0	4.9	14.2	75.6	0.3
SILAY CITY.....	3023	69.4	0.4	2.7	27.5	-
<u>REGION 7</u>	<u>127899</u>	<u>21.7</u>	<u>1.5</u>	<u>34.4</u>	<u>41.2</u>	<u>1.2</u>
BOHOL.....	23352	3.4	0.8	51.1	44.0	0.7
CEBU.....	40132	5.2	1.4	44.9	46.9	1.6
NEGROS OR.....	16660	4.9	0.6	29.6	64.3	0.6
SIQUIJOR.....	1949	11.2	1.7	79.3	7.3	0.5
BAIS CITY.....	1500	12.9	1.3	15.5	70.2	0.1
CANLAON CITY.....	963	0.4	1.4	10.2	84.4	3.6
CEBU CITY.....	24284	66.8	2.5	11.5	17.0	2.2
DANAO CITY.....	2200	20.6	0.3	25.8	50.9	2.4
DUMAGUETE CITY....	3357	83.5	0.1	2.3	14.1	0.03
LAPU-LAPU CITY....	3903	19.3	0.3	26.3	53.5	0.6
MANDAWE CITY.....	3643	8.6	9.0	47.4	34.6	0.4
TAGBILARAN CITY...	2436	73.2	2.5	23.7	0.6	0.04
TOLEDO CITY.....	3520	36.1	1.5	12.9	49.5	-
<u>REGION 8</u>	<u>60236</u>	<u>16.8</u>	<u>1.7</u>	<u>20.8</u>	<u>59.1</u>	<u>1.6</u>
LEYTE DEL NORTE...	28216	8.7	2.0	18.9	68.1	2.3
LEYTE DEL SUR.....	8915	15.7	2.3	28.4	53.0	0.6
EASTER SAMAR.....	3878	12.5	1.8	31.0	53.1	1.6
NORTHERN SAMAR....	5715	11.4	1.0	16.6	69.7	1.3
WESTERN SAMAR.....	4227	9.3	2.0	38.8	46.4	3.5
CALBAYOG CITY.....	1535	30.5	0.3	8.7	60.4	0.1
ORMOC CITY.....	3996	29.0	0.2	11.8	58.7	0.3
TACLOBAN CITY,....	3754	82.8	0.3	7.4	9.3	0.2
<u>REGION 9</u>	<u>58687</u>	<u>13.7</u>	<u>3.7</u>	<u>31.4</u>	<u>50.4</u>	<u>0.8</u>
BASILAN.....	1992	12.3	4.6	20.4	60.6	2.1
SULU.....	1821	27.5	3.1	36.0	32.5	0.9
TAWI-TAWI.....	304	6.9	13.5	42.8	35.2	1.6
ZAMB. DEL NORTE..	11361	2.2	0.7	34.0	62.6	0.5
ZAMB. DEL SUR....	24374	3.0	3.4	27.7	64.7	1.2

PERCENTAGE DISTRIBUTION OF LIVEBIRTHS, BY ATTENDANCE
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1987

A R E A	TOTAL BIRTHS	P e r c e n t o f B i r t h s A t t e n d e d B y :				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
DAPITAN CITY.....	1644	42.6	0.1	19.9	37.3	0.1
DIPOLOG CITY.....	2396	40.5	0.1	38.8	20.4	0.2
PAGADIAN CITY.....	3146	20.9	0.9	61.8	16.4	-
ZAMBOANGA CITY.....	11649	34.1	8.7	29.4	27.1	0.7
REGION 10	101569	13.8	1.3	23.2	60.1	1.6
AGUSAN DEL NORTE...	6859	6.1	1.7	26.8	64.6	0.8
AGUSAN DEL SUR.....	11828	4.0	1.4	24.8	68.7	1.1
BUKIDNON.....	25656	10.1	1.7	21.0	63.9	3.3
CAMIGUIN.....	1768	11.5	2.9	45.4	40.2	0.05
MISAMIS OCC.....	6179	4.0	1.1	37.9	56.4	0.6
MISAMIS OR.....	12356	2.5	1.1	39.2	56.2	1.0
SURIGAO DEL NORTE..	6741	4.8	1.2	20.3	72.9	0.8
BUTUAN CITY.....	7342	27.5	0.1	9.9	62.4	0.1
CAGAYAN DE ORO.....	11633	37.1	1.4	12.1	46.6	2.8
GINGOOG CITY.....	2653	14.5	0.3	25.7	59.3	0.2
OROQUIETA CITY.....	1422	34.6	0.3	32.1	32.9	0.1
OZAMIS CITY.....	2927	31.9	1.3	10.8	55.7	0.3
SURIGAO CITY.....	3050	37.8	0.5	5.0	56.4	0.3
TANGUB CITY.....	1155	12.8	0.3	26.6	60.1	0.2
REGION 11	127160	15.7	0.8	19.6	63.3	0.6
COTABATO SOUTH.....	19589	6.1	1.0	26.9	65.7	0.3
DAVAO DEL NORTE.....	35146	9.7	0.8	18.5	69.5	1.5
DAVAO ORIENTAL.....	9733	5.8	0.5	21.3	72.2	0.2
DAVAO DEL SUR.....	15961	11.7	0.4	15.3	72.2	0.4
SURIGAO DEL SUR.....	12936	12.2	0.7	24.1	62.5	0.5
DAVAO CITY.....	25713	39.8	0.3	15.5	44.2	0.2
GEN. SANTOS CITY...	8082	13.5	2.7	19.6	63.8	0.4
REGION 12	48985	12.6	1.0	33.5	51.6	1.3
COTABATO NORTH.....	16340	4.0	0.6	22.6	70.7	2.1
LANAO DEL NORTE.....	8682	6.2	1.0	58.0	32.8	2.0
LANAO DEL SUR.....	1035	2.3	5.3	42.9	47.2	2.3
MAGUINDANAO.....	2435	2.0	0.8	41.9	55.9	0.3
SULTAN KUDARAT.....	9300	4.1	1.0	35.2	59.4	0.3
COTABATO CITY.....	3075	52.5	1.5	19.5	26.4	0.1
ILIGAN CITY.....	7563	34.5	1.3	29.4	34.4	0.4
MARAWI CITY.....	555	59.3	0.7	24.0	15.7	0.3

BIRTHS BY ATTENDANCE PHILIPPINES 1987

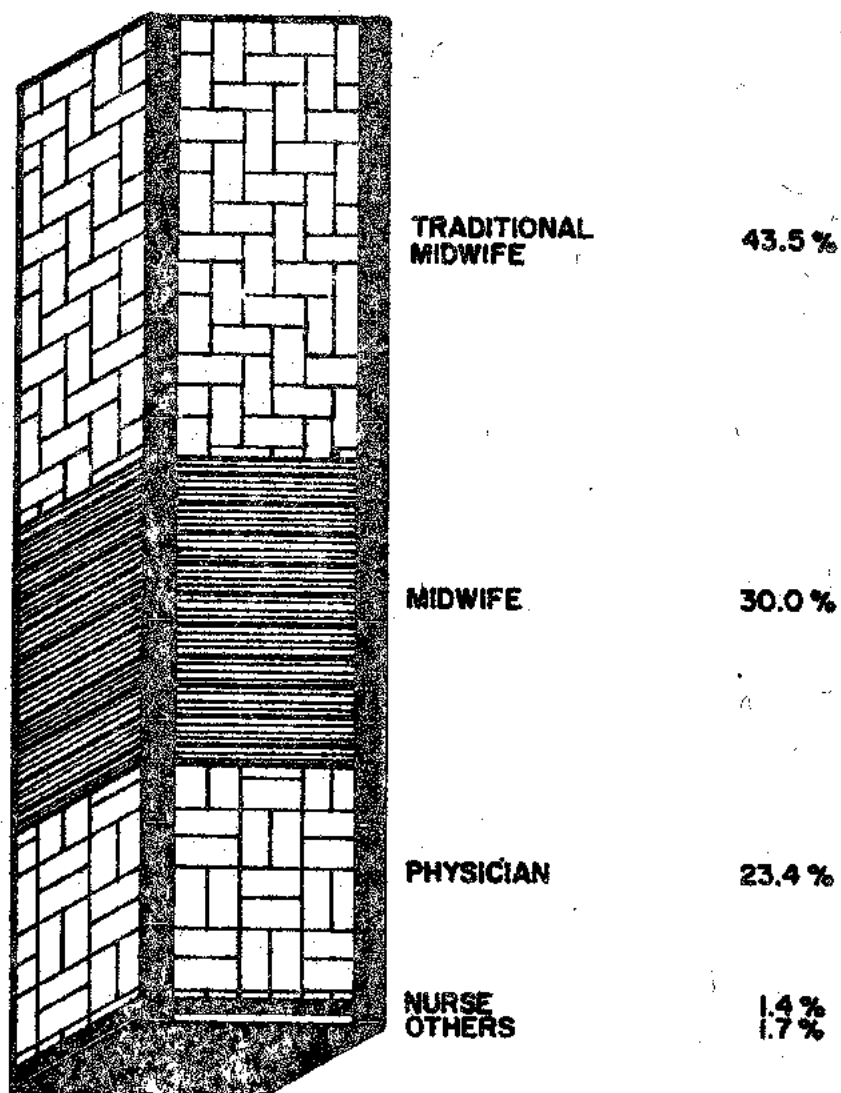


Fig. 8

TABLE 11

LIVEBIRTHS BY AGE OF MOTHER & BY SEX
PHILIPPINES
1987

39

AGE OF MOTHER	BOTH SEXES	Percentage Distribution	Male	Female
	Number		Number	Number
<u>ALL AGES.....</u>	<u>1582469</u>	<u>100.0</u>	<u>825528</u>	<u>756941</u>
Under 15 years.....	524	0.03	377	147
15 - 19 years.....	134899	8.52	69203	65696
20 - 24 years.....	461652	29.17	242367	219285
25 - 29 years.....	456675	28.86	237928	218747
30 - 34 years.....	293091	18.53	150649	142442
35 - 39 years.....	161241	10.19	82717	78524
40 - 44 years.....	50769	3.21	28634	22135
45 - 49 years.....	8741	0.55	4974	3767
50 years & over.....	1747	0.11	1170	577
NOT STATED.....	13130	0.83	7509	5621

LIVEBIRTHS BY AGE OF MOTHER & BY SEX PHILIPPINES, 1987

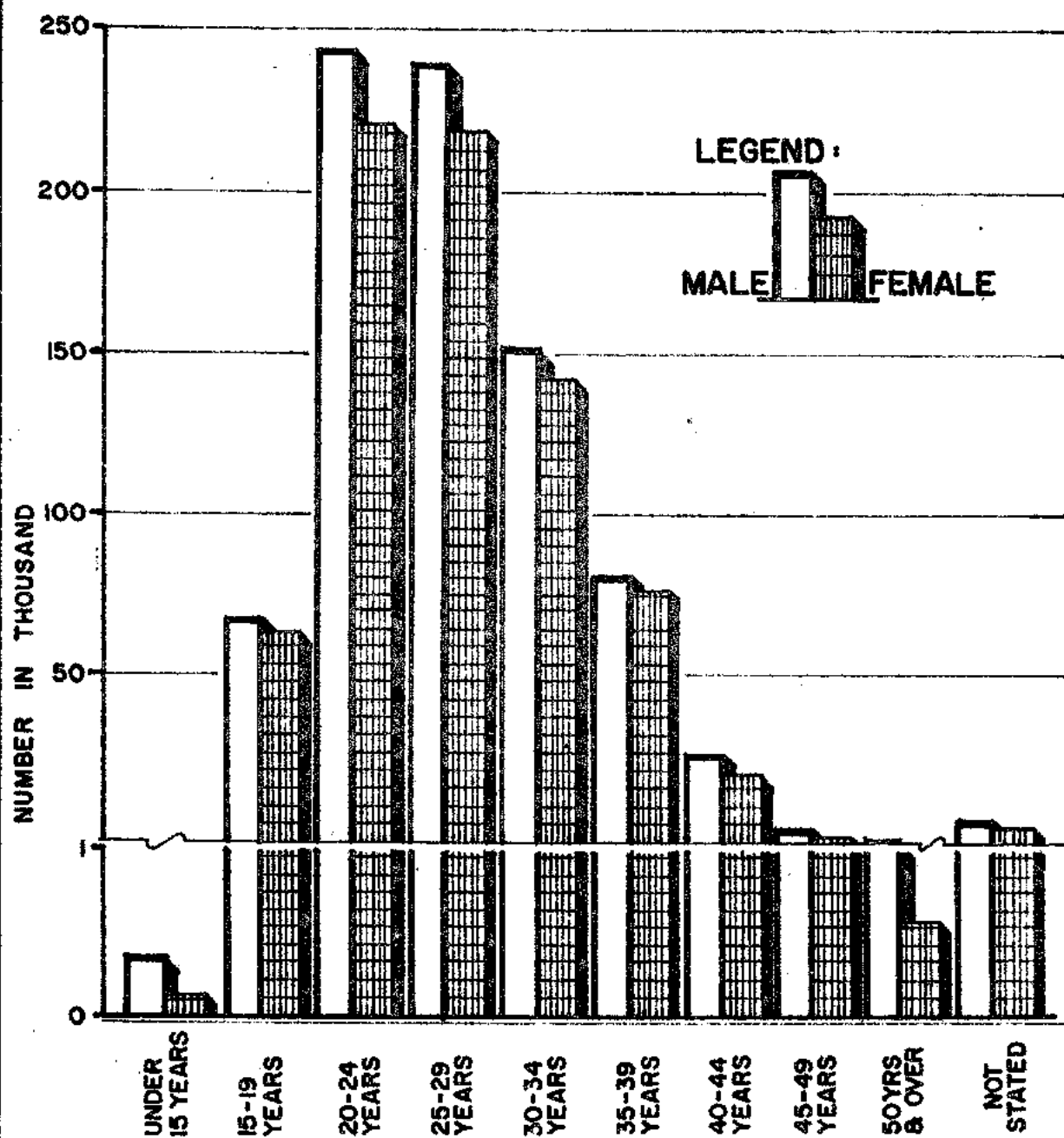


Fig. 9

TABLE 12

LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING ISSUES
PHILIPPINES
1987

41

AGE OF MOTHER (In Years)	TOTAL	NUMBER OF LIVING ISSUES				
		1	2	3	4	5
All ages.....	1582469	450397	351144	262842	184284	119971
Under 15 years..	524	524	0	0	0	0
15 - 19 years...	134899	103567	25371	2959	416	113
20 - 24 years...	461652	203100	153796	73454	23060	5273
25 - 29 years...	456675	96457	112542	108072	77567	38586
30 - 34 years...	293091	30399	42186	54647	54852	45598
35 - 39 years...	161241	9963	12317	18471	22305	23584
40 - 44 years...	50769	2316	2278	3056	4285	5280
45 - 49 years...	8741	542	379	438	589	721
50 yrs. & Over..	1747	221	107	107	108	116
Not Stated.....	13130	3308	2168	1638	1102	700

LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING ISSUES
PHILIPPINES
1987

AGE OF MOTHER (In Years)	NUMBER OF LIVING ISSUES					
	6	7	8	9	10 & Over	Not Stated
All Ages.....	78380	50433	31275	18640	7692	27411
Under 15 years....	0	0	0	0	0	0
15 - 19 years.....	1	1	4	0	0	2467
20 - 24 years.....	1331	512	157	92	57	820
25 - 29 years.....	14277	4152	1082	328	109	3503
30 - 34 years.....	32444	13104	7993	2883	800	3185
35 - 39 years.....	22933	19774	14390	8648	3261	5595
40 - 44 years.....	6000	6516	6333	5323	2800	6582
45 - 49 years.....	797	954	1025	1004	543	1749
50 yrs. & Over....	132	156	114	161	79	446
Not Stated.....	465	264	177	201	43	3064

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 incidence 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 Measles, Malignant Neoplasms and Infectious Hepatitis which increased in 1967. The incidence of Diarrheas and Leprosy showed a generally increasing trend during the 20-year period (1967-1987). Improved method of reporting and notification were mainly responsible for the increase in number of reported cases. On the other hand, the incidence of Varicella, Acute Poliomyelitis, Whooping Cough and Tetanus had generally decreased from 1967-1987. 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 1937 to 1987 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 1987 and for the past 5 years (1982-1986) 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 989,660 or 1725.5 per 100,000 population. One (1) is Gastro-intestinal namely: Diarrheal Diseases which ranked second with a total of 807,148 cases or 1058.5 per 100,000 population. It may be noted that the total number of cases for Diarrheal Diseases continuously increasing by 9.9% over that of previous year. Two (2) are Viral Diseases - Influenza and Measles which occupied third and eighth places respectively. The former had total of 495,161 cases or 863.3 per 100,000 population and the latter had a total of 81,896. One is parasitic - Malaria which is in sixth position with a total of 121,097 cases or 211.1 per 100,000 population. The last three (3) diseases are non-communicable - Accidents with 199.5 per 100,000 population, Diseases of the Heart with 138.1 per 100,000 population and Malignant Neoplasms with 47.4 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 4, 9, 11 and 12. 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

MORBIDITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
5-YEAR AVERAGE (1982-1986) & 1987

C A U S E	5-YEAR AVERAGE (1982-1986)		1 9 8 7	
	Number	Rate	Number	Rate
1. BRONCHITIS.....(466)	485807	911.0	642777	1120.6
2. DIARRHEAL DISEASES...(004-009)	465159	872.3	607148	1058.5
3. INFLUENZA.....(487)	356212	668.0	495161	863.3
4. PNEUMONIAS.....(480-486)	163834	307.2	183143	319.3
5. TUBERCULOSIS, ALL FORMS.....(010-018;137)	134314	251.9	163740	285.5
6. MALARIA.....(084)	89826	168.5	121097	211.1
7. ACCIDENTS*.(800-999;E800-E949)	75574	141.7	114445	199.5
8. MEASLES.....(055)	55459	104.0	81896	142.8
9. DISEASES OF THE HEART*.....(390-398;402-404;410-429)	72442	135.9	79214	138.1
10. MALIGNANT NEOPLASMS..(140-239)	25630	48.1	27195	47.4

* DECLARED NOTIFIABLE DISEASES IN 1984.

MORBIDITY LEADING CAUSES

Rate per 100,000 population

PHILIPPINES

5 Yr. Ave. (1982-1986) & 1987

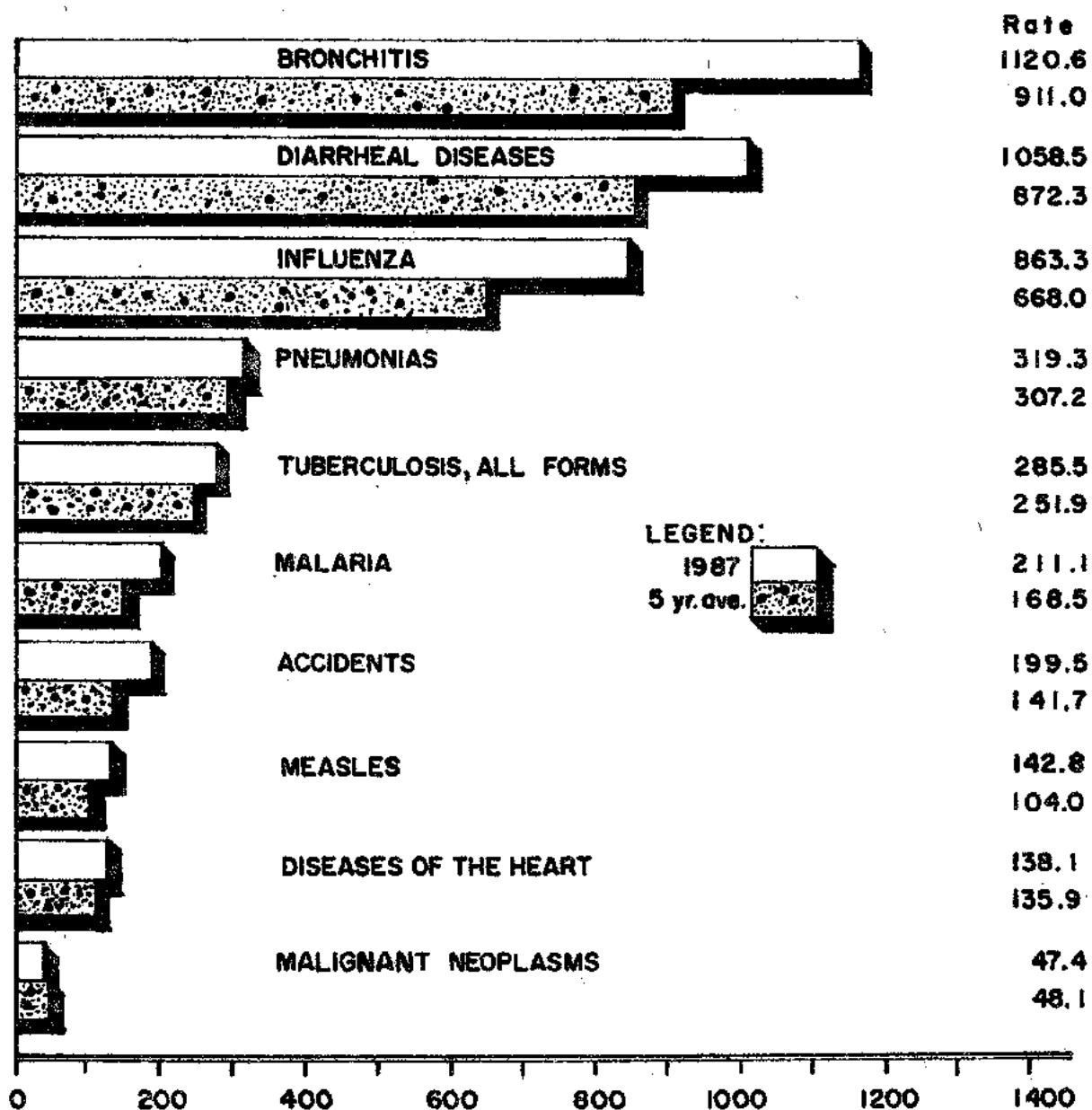


Fig. 10

TABLE 14

MORBIDITY: TEN (10) LEADING CAUSES
 NATIONAL CAPITAL REGION (METRO-MANILA)
 No. & Rate/100,000 Pop.
 PHILIPPINES
 1987

N A T I O N A L C A P I T A L R E G I O N		
C a u s e s	N u m b e r	R a t e
1. BRONCHITIS.....	44110	599.8
2. DIARRHEAL DISEASES.....	25692	349.3
3. PNEUMONIAS.....	16675	226.7
4. TUBERCULOSIS, ALL FORMS.....	12913	175.6
5. DISEASES OF THE HEART.....	12681	172.4
6. INFLUENZA.....	12200	165.9
7. MEASLES.....	10067	136.9
8. MALIGNANT NEOPLASMS.....	7245	98.5
9. ACCIDENTS.....	5779	78.6
10. VARICELLA.....	1840	25.0

TABLE 14 MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Pop.
PHILIPPINES
1987

REGION 1			REGION 2		
Cause	Number	Rate	Cause	Number	Rate
Bronchitis.....	41705	1039.5	Bronchitis.....	43629	1645.1
Diarrheal Diseases...	40278	1003.9	Influenza.....	36085	1360.6
Influenza.....	21562	537.4	Malaria.....	30873	1164.1
Pneumonias.....	13661	340.6	Diarrheal Diseases...	27967	1054.5
T.B., All Forms.....	10944	272.8	Pneumonias.....	8854	333.9
Accidents.....	8680	216.3	T.B., All Forms.....	4992	188.2
Measles.....	8091	201.7	Measles.....	4039	152.3
Diseases of the Heart	6389	159.2	Accidents.....	3660	138.0
Malignant Neoplasms..	2445	60.9	Diseases of the Heart	1914	72.2
Malaria.....	2146	53.5	Malignant Neoplasms..	1116	42.1

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Pop.
PHILIPPINES
1987

REGION 3			REGION 4		
Cause	Number	Rate	Cause	Number	Rate
Diarrheal Diseases...	62728	1090.7	Diarrheal Diseases...	49822	665.3
Bronchitis.....	52993	921.4	Bronchitis.....	40569	541.8
Influenza.....	33883	589.1	Influenza.....	33067	441.6
T.B., All Forms.....	15070	262.0	Malaria.....	21357	285.2
Pneumonias.....	14892	258.9	T.B., All Forms.....	16706	223.1
Diseases of the Heart	12938	225.0	Pneumonias.....	14094	188.2
Accidents.....	10808	187.9	Diseases of the Heart	10585	141.4
Measles.....	6737	117.1	Accidents.....	7597	101.5
Malaria.....	6102	106.1	Measles.....	6987	93.3
Gonococcal Infections	5513	95.9	Malignant Neoplasms..	3310	44.2

TABLE 14 MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Pop.
PHILIPPINES
1987

REGION 5			REGION 6		
Cause	Number	Rate	Cause	Number	Rate
Bronchitis.....	50899	1236.8	Bronchitis.....	45235	849.8
Diarrheal Diseases...	42993	1044.7	Influenza.....	42332	795.3
Influenza.....	42880	1042.0	Diarrheal Diseases...	40613	763.0
T.B., All Forms.....	17865	434.1	T.B., All Forms.....	19344	363.4
Pneumonias.....	16853	409.5	Accidents.....	13954	262.2
Measles.....	8480	206.1	Pneumonias.....	11360	213.4
Diseases of the Heart	6876	167.1	Measles.....	6250	117.4
Accidents.....	5750	139.7	Diseases of the Heart	5265	98.9
Malaria.....	2873	69.8	Malignant Neoplasms..	2076	39.0
Whooping Cough.....	2089	50.8	Infectious Hepatitis..	1471	27.6

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Pop.
PHILIPPINES
1987

REGION 7			REGION 8		
Cause	Number	Rate	Cause	Number	Rate
Diarrheal Diseases...	71328	1634.2	Bronchitis.....	41818	1312.8
Bronchitis.....	37937	869.2	Diarrheal Diseases...	36718	1152.7
Influenza.....	13217	302.8	Influenza.....	19642	616.6
Pneumonias.....	11076	253.8	Pneumonias.....	12831	402.8
Accidents.....	10152	232.6	T.B., All Forms.....	11169	350.6
T.B., All Forms.....	8739	200.2	Measles.....	9021	283.2
Diseases of the Heart	4641	106.3	Accidents.....	7031	220.7
Measles.....	3319	82.9	Schistosomiasis.....	5338	167.6
Malignant Neoplasms..	2572	58.9	Diseases of the Heart	3384	106.2
Infectious Hepatitis..	919	21.7	Whooping Cough.....	1080	33.9

TABLE 14 MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Pop.
PHILIPPINES
1987

REGION 9			REGION 10		
Cause	Number	Rate	Cause	Number	Rate
Influenza.....	88487	2955.1	Bronchitis.....	61250	1828.3
Diarrheal Diseases...	62811	2097.6	Diarrheal Diseases...	40766	1216.9
Bronchitis.....	52383	1749.3	Influenza.....	32938	983.2
Malaria.....	29584	988.0	Pneumonias.....	16624	496.2
Pneumonias.....	12895	430.7	Malaria.....	9657	288.3
Accidents.....	12707	424.4	T.B., All Forms.....	9532	284.5
T.B., All Forms.....	12373	413.2	Accidents.....	6396	190.9
Measles.....	3989	133.2	Measles.....	4558	136.1
Diseases of the Heart	3494	116.7	Diseases of the Heart	3578	106.8
Gonococcal Infections	1644	54.9	Schistosomiasis.....	2963	88.4

MORBIDITY: TEN LEADING CAUSES BY HEALTH REGION
No. & Rate/100,000 Pop.
PHILIPPINES
1987

REGION 11			REGION 12		
Cause	Number	Rate	Cause	Number	Rate
Bronchitis.....	87053	2158.8	Influenza.....	49132	1797.7
Influenza.....	69736	1729.4	Diarrheal Diseases...	48466	1773.4
Diarrheal Diseases...	56966	1412.7	Bronchitis.....	43196	1580.5
Pneumonias.....	20176	500.3	Pneumonias.....	13151	481.2
Malaria.....	13410	332.6	T.B., All Forms.....	12479	456.6
Accidents.....	11797	292.6	Accidents.....	10134	370.8
T.B., All Forms.....	11614	288.0	Measles.....	4960	181.5
Measles.....	5100	126.5	Diseases of the Heart	4309	157.7
Diseases of the Heart	3160	78.4	Malaria.....	2994	109.5
Schistosomiasis.....	2432	60.3	Schistosomiasis.....	1897	69.4

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

51

AGE & SEX	TYPHOID & PARATYPHOID FEVER & OTHER SALMONELLA INF. (002-003)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
<u>ALL AGES.....</u>	<u>9159</u>	<u>6131</u>	<u>15290</u>	<u>26.7</u>	<u>633</u>	<u>488</u>	<u>1121</u>	<u>2.0</u>
Under 1 yr....	128	178	306	17.9	16	7	23	1.3
1 - 4 yrs...	440	324	764	11.7	42	38	80	1.2
5 - 9 yrs...	788	389	1177	15.3	46	36	82	1.1
10 - 14 yrs...	714	586	1300	18.8	37	53	90	1.3
15 - 19 yrs...	1136	638	1774	28.8	71	59	130	2.1
20 - 24 yrs...	1017	1062	2079	37.9	83	50	133	2.4
25 - 29 yrs....	953	668	1621	33.9	57	46	103	2.2
30 - 34 yrs...	879	436	1315	32.1	50	35	85	2.1
35 - 39 yrs...	650	390	1040	31.9	51	41	92	2.8
40 - 44 yrs...	751	350	1101	43.3	30	18	48	1.9
45 - 49 yrs...	430	182	612	28.7	28	14	42	2.0
50 - 54 yrs...	266	177	443	27.1	23	16	39	2.4
55 - 59 yrs...	321	275	596	44.7	30	15	45	3.4
60 - 64 yrs...	302	202	504	47.8	28	9	37	3.5
65 - 69 yrs...	256	157	413	50.6	12	16	28	3.4
70 yrs. and Over.....	128	117	245	19.6	29	35	64	5.1
Not Stated....	0	0	0	-	0	0	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A G E & S E X	DIARRHEAS (004-009)							
	C A S E S				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	349646	242212	591858	1031.9	5538	3930	9468	16.5
Under 1 yr....	68442	67685	136127	7964.7	1864	1345	3209	187.8
1 - 4 yrs...	92188	100758	192946	2957.7	1766	1323	3089	47.4
5 - 9 yrs...	54125	13939	68064	887.5	595	365	960	12.5
10 - 14 yrs...	33174	6480	39654	573.3	153	65	218	3.2
15 - 19 yrs...	17460	9765	27225	441.9	75	54	129	2.1
20 - 24 yrs...	19206	10979	30185	551.0	83	39	122	2.2
25 - 29 yrs...	16761	8689	25450	531.6	67	45	112	2.3
30 - 34 yrs...	8730	5475	14205	346.9	68	36	104	2.5
35 - 39 yrs...	9079	3942	13021	399.5	57	54	111	3.4
40 - 44 yrs...	7333	3320	10653	419.3	55	27	82	3.2
45 - 49 yrs...	4889	1621	6510	305.8	76	30	106	5.0
50 - 54 yrs...	4190	1137	5327	326.0	81	46	127	7.8
55 - 59 yrs...	3143	1000	4143	310.6	73	49	122	9.1
60 - 64 yrs...	3841	3261	7102	673.3	90	55	145	13.7
65 - 69 yrs...	3942	1385	5327	652.6	90	70	160	19.6
70 yrs. and Over.....	2794	2533	5327	426.4	344	326	670	53.6
Not Stated....	349	243	592	-	1	1	2	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

53

A G E & S E X	TUBERCULOSIS, ALL FORMS (010-018;137)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
<u>ALL AGES.....</u>	<u>86782</u>	<u>76958</u>	<u>163740</u>	<u>285.5</u>	<u>17924</u>	<u>10773</u>	<u>28697</u>	<u>50.0</u>
Under 1 yr....	1041	1415	2456	143.7	22	31	53	3.1
1 - 4 yrs...	2777	2626	5403	82.8	77	84	161	2.5
5 - 9 yrs...	2690	2550	5240	68.3	44	28	72	0.9
10 - 14 yrs...	2864	2212	5076	73.4	28	27	55	0.8
15 - 19 yrs...	3905	3463	7368	119.6	442	360	802	13.0
20 - 24 yrs...	4166	3694	7860	143.5	469	341	810	14.8
25 - 29 yrs...	5120	4704	9824	205.2	728	493	1221	25.5
30 - 34 yrs...	5728	5242	10970	267.9	821	567	1388	33.9
35 - 39 yrs...	6595	6177	12772	391.9	1035	588	1623	49.8
40 - 44 yrs...	7550	7023	14573	573.6	1162	632	1794	70.6
45 - 49 yrs...	6856	7226	14082	661.4	1518	713	2231	104.8
50 - 54 yrs...	8158	6906	15064	921.8	1767	881	2648	162.0
55 - 59 yrs...	7290	6137	13427	1006.6	1910	904	2814	211.0
60 - 64 yrs...	6335	5618	11953	1133.2	1898	986	2884	273.4
65 - 69 yrs...	6075	4896	10971	1344.1	1863	1088	2951	361.5
70 yrs. and Over.....	9459	6915	16374	1310.7	4140	3050	7190	575.5
Not Stated....	173	154	327	-	0	0	0	-

54
TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

AGE & SEX	LEPROSY (030)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	1058	708	1766	3.1	42	21	63	0.1
Under 1 yr....	9	10	19	1.1	0	1	1	0.06
1 - 4 yrs....	48	24	72	1.1	0	0	0	-
5 - 9 yrs....	55	49	104	1.4	0	1	1	0.01
10 - 14 yrs...	45	52	97	1.4	0	0	0	-
15 - 19 yrs...	59	119	178	2.9	0	0	0	-
20 - 24 yrs...	108	54	162	2.9	1	1	2	0.03
25 - 29 yrs...	111	57	168	3.5	2	2	4	0.08
30 - 34 yrs...	115	49	164	4.0	4	0	4	0.1
35 - 39 yrs...	104	62	166	5.1	4	1	5	0.2
40 - 44 yrs...	79	46	125	4.9	3	1	4	0.2
45 - 49 yrs...	73	65	138	6.5	4	1	5	0.2
50 - 54 yrs...	51	32	83	5.1	6	3	9	0.6
55 - 59 yrs...	55	24	79	5.9	5	1	6	0.4
60 - 64 yrs...	39	26	65	6.2	7	3	10	0.9
65 - 69 yrs...	51	21	72	8.8	0	3	3	0.4
70 yrs. and Over.....	56	18	74	5.9	6	3	9	0.7
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 Pop.
PHILIPPINES
1967

55

A G E & S E X	DIPHTHERIA (032)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	823	620	1443	2.5	130	115	245	0.4
Under 1 yr....	207	151	358	20.9	27	20	47	2.7
1 - 4 yrs...	433	370	803	12.3	88	79	167	2.6
5 - 9 yrs...	126	57	183	2.4	10	15	25	0.3
10 - 14 yrs...	19	14	33	0.5	2	1	3	0.04
15 - 19 yrs...	12	10	22	0.4	1	0	1	0.02
20 - 24 yrs...	6	4	10	0.2	0	0	0	-
25 - 29 yrs...	5	2	7	0.1	1	0	1	0.02
30 - 34 yrs...	3	3	6	0.1	1	0	1	0.02
35 - 39 yrs...	2	1	3	0.1	0	0	0	-
40 - 44 yrs...	1	0	1	0.03	0	0	0	-
45 - 49 yrs...	2	1	3	0.1	0	0	0	-
50 - 54 yrs...	0	1	1	0.1	0	0	0	-
55 - 59 yrs...	2	2	4	0.3	0	0	0	-
60 - 64 yrs...	1	2	3	0.3	0	0	0	-
65 - 69 yrs...	2	0	2	0.2	0	0	0	-
70 yrs. and Over.....	2	2	4	0.3	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 Pop.
PHILIPPINES
1987

A G E & S E X	WHOOPIING COUGH (033)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	4605	4251	8856	15.4	13	13	26	0.05
Under 1 yr....	1478	1347	2825	165.3	6	8	14	0.8
1 - 4 yrs....	2461	2324	4785	73.3	5	3	8	0.1
5 - 9 yrs....	447	439	886	11.6	2	2	4	0.05
10 - 14 yrs....	92	76	168	2.4	0	0	0	-
15 - 19 yrs....	64	25	89	1.4	0	0	0	-
20 - 24 yrs....	32	21	53	1.0	0	0	0	-
25 - 29 yrs....	28	16	44	0.9	0	0	0	-
30 - 34 yrs....	1	1	2	0.04	0	0	0	-
35 - 39 yrs....	1	1	2	0.1	0	0	0	-
40 - 44 yrs....	1	1	2	0.1	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. 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 & BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1937

57

A G E & S E X	TETANUS (037)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	1746	1164	2910	5.1	694	332	1026	1.8
Under 1 yr....	758	284	1042	61.0	88	62	150	8.8
1 - 4 yrs...	124	179	303	4.6	51	43	94	1.4
5 - 9 yrs...	157	146	303	3.9	95	43	138	1.8
10 - 14 yrs...	148	70	218	3.2	97	28	125	1.8
15 - 19 yrs...	79	58	137	2.2	58	10	68	1.1
20 - 24 yrs...	47	58	105	1.9	37	13	50	0.9
25 - 29 yrs...	49	50	99	2.1	39	18	57	1.2
30 - 34 yrs...	47	40	87	2.1	24	12	36	0.9
35 - 39 yrs...	42	42	84	2.6	32	12	44	1.4
40 - 44 yrs...	49	44	93	3.7	39	10	49	1.9
45 - 49 yrs...	33	31	64	3.0	26	6	32	1.5
50 - 54 yrs...	54	42	96	5.9	28	6	34	2.1
55 - 59 yrs...	38	35	73	5.5	20	14	34	2.5
60 - 64 yrs...	30	25	55	5.2	11	9	20	1.9
65 - 69 yrs...	42	25	67	8.2	15	13	28	3.4
70 yrs. and Over.....	49	35	84	6.7	34	33	67	5.4
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 Pop.
PHILIPPINES
1987

A G E & S E X	ACUTE POLIOMYELITIS (045;130)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	208	119	327	0.6	27	16	43	0.07
Under 1 yr....	12	8	20	1.2	0	1	1	0.05
1 - 4 yrs....	93	42	135	2.1	5	4	9	0.1
5 - 9 yrs....	54	38	92	1.2	5	5	10	0.1
10 - 14 yrs...	12	10	22	0.3	3	1	4	0.05
15 - 19 yrs...	15	9	24	0.4	5	1	6	0.1
20 - 24 yrs...	5	5	10	0.2	4	1	5	0.09
25 - 29 yrs...	7	2	9	0.2	0	0	0	-
30 - 34 yrs...	2	1	3	0.1	1	1	2	0.04
35 - 39 yrs...	2	1	3	0.1	0	0	0	-
40 - 44 yrs...	1	1	2	0.1	1	1	2	0.07
45 - 49 yrs...	1	1	2	0.1	1	1	2	0.09
50 - 54 yrs...	1	1	2	0.1	1	0	1	0.06
55 - 59 yrs...	1	0	1	0.1	1	0	1	0.07
60 - 64 yrs...	1	0	1	0.1	0	0	0	-
65 - 69 yrs...	1	0	1	0.1	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 Pop.
PHILIPPINES
1987

59

AGE & SEX	VARICELLA (052)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	3897	2439	6336	11.0	0	15	15	0.02
Under 1 yr....	335	128	463	27.1	0	2	2	0.1
1 - 4 yrs...	970	411	1381	21.2	0	4	4	0.06
5 - 9 yrs...	938	450	1388	18.1	0	3	3	0.03
10 - 14 yrs...	740	350	1090	15.8	0	3	3	0.04
15 - 19 yrs...	335	178	513	8.3	0	2	2	0.03
20 - 24 yrs...	179	315	494	9.0	0	0	0	-
25 - 29 yrs...	90	163	253	5.3	0	0	0	-
30 - 34 yrs...	70	107	177	4.3	0	0	0	-
35 - 39 yrs...	55	72	127	3.9	0	0	0	-
40 - 44 yrs...	94	109	203	8.0	0	1	1	0.03
45 - 49 yrs...	23	41	64	3.0	0	0	0	-
50 - 54 yrs...	31	45	76	4.7	0	0	0	-
55 - 59 yrs...	16	47	63	4.7	0	0	0	-
60 - 64 yrs...	16	16	32	3.0	0	0	0	-
65 - 69 yrs...	4	2	6	0.7	0	0	0	-
70 yrs. and Over.....	1	5	6	0.5	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 Pop.
PHILIPPINES
1987

AGE & SEX	MEASLES (055)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	48811	33085	81896	142.8	6341	6090	12431	21.7
Under 1 yr....	9616	5207	14823	867.3	1254	1101	2355	137.8
1 - 4 yrs....	23966	13133	37099	568.7	4190	4026	8216	125.9
5 - 9 yrs....	8688	7282	15970	208.2	721	762	1483	19.3
10 - 14 yrs....	3368	1873	5241	75.8	96	109	205	3.0
15 - 19 yrs....	927	1448	2375	38.6	13	23	36	0.6
20 - 24 yrs....	586	1134	1720	31.4	17	11	28	0.5
25 - 29 yrs....	341	1133	1474	30.8	8	11	19	0.4
30 - 34 yrs....	204	533	737	18.0	1	2	3	0.07
35 - 39 yrs....	293	198	491	15.1	2	1	3	0.09
40 - 44 yrs....	195	378	573	22.6	4	5	9	0.4
45 - 49 yrs....	195	296	491	23.1	1	2	3	0.1
50 - 54 yrs....	146	182	328	20.1	1	2	3	0.2
55 - 59 yrs....	98	66	164	12.3	2	0	2	0.1
60 - 64 yrs....	49	33	82	7.8	5	2	7	0.7
65 - 69 yrs....	40	42	82	10.0	1	2	3	0.4
70 yrs. and Over.....	40	124	164	13.1	25	31	56	4.5
Not Stated....	59	23	82	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

61

AGE & SEX	H - FEVER (061;065)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	918	778	1696	2.9	127	116	243	0.4
Under 1 yr....	163	158	321	18.8	31	26	57	3.3
1 - 4 yrs....	104	176	280	4.3	40	23	63	1.0
5 - 9 yrs....	261	219	480	6.3	29	39	68	0.9
10 - 14 yrs....	127	73	200	2.9	12	14	26	0.4
15 - 19 yrs....	104	64	168	2.7	5	6	11	0.2
20 - 24 yrs....	59	31	90	1.6	5	2	7	0.1
25 - 29 yrs....	38	26	64	1.3	1	1	2	0.04
30 - 34 yrs....	16	4	20	0.5	1	3	4	0.09
35 - 39 yrs....	5	3	8	0.2	1	1	2	0.06
40 - 44 yrs....	6	4	10	0.4	0	0	0	-
45 - 49 yrs....	4	3	7	0.3	0	0	0	-
50 - 54 yrs....	3	2	5	0.3	0	0	0	-
55 - 59 yrs....	5	2	7	0.5	0	0	0	-
60 - 64 yrs....	3	2	5	0.5	1	1	2	0.2
65 - 69 yrs....	4	3	7	0.9	0	0	0	-
70 yrs. and Over.....	3	4	7	0.6	1	0	1	0.08
Not Stated....	13	4	17	-	0	0	0	-

62
TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

AGE & SEX	INFECTIOUS HEPATITIS (070)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	10310	5774	16084	28.0	534	283	817	1.4
Under 1 yr....	247	123	370	21.6	48	32	80	4.7
1 - 4 yrs....	1258	495	1753	26.9	29	20	49	0.8
5 - 9 yrs....	1289	866	2155	28.1	29	17	46	0.6
10 - 14 yrs....	1258	576	1834	26.5	15	11	26	0.4
15 - 19 yrs....	1155	646	1801	29.2	17	9	26	0.4
20 - 24 yrs....	938	510	1448	26.4	22	23	45	0.8
25 - 29 yrs....	536	397	933	19.5	32	17	49	1.0
30 - 34 yrs....	629	497	1126	27.5	39	17	56	1.4
35 - 39 yrs....	763	347	1110	34.1	40	17	57	1.7
40 - 44 yrs....	691	338	1029	40.5	34	15	49	1.9
45 - 49 yrs....	423	269	692	32.5	44	14	58	2.7
50 - 54 yrs....	495	261	756	46.3	40	11	51	3.1
55 - 59 yrs....	330	233	563	42.2	35	13	48	3.6
60 - 64 yrs....	113	64	177	16.8	34	19	53	5.0
65 - 69 yrs....	103	73	176	21.6	20	10	30	3.7
70 yrs. and Over.....	82	79	161	12.9	56	38	94	7.5
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 Pop.
PHILIPPINES
1987

63

A G E & S E X	MALARIA (084)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
<u>ALL AGES.....</u>	<u>65392</u>	<u>55705</u>	<u>121097</u>	<u>211.1</u>	<u>770</u>	<u>455</u>	<u>1226</u>	<u>2.1</u>
Under 1 yr....	1905	1728	3633	212.6	25	14	39	2.3
1 - 4 yrs....	3924	3342	7266	111.4	64	63	127	1.9
5 - 9 yrs....	5885	5014	10899	142.1	54	44	98	1.3
10 - 14 yrs....	6539	5571	12110	175.1	39	33	72	1.0
15 - 19 yrs....	7847	5110	12957	210.3	61	27	88	1.4
20 - 24 yrs....	7520	6043	13563	247.6	58	41	99	1.8
25 - 29 yrs....	6859	7673	14532	303.6	82	49	131	2.7
30 - 34 yrs....	5231	5667	10898	266.2	45	31	76	1.9
35 - 39 yrs....	4577	3900	8477	260.1	55	32	87	2.7
40 - 44 yrs....	3270	2785	6055	238.3	48	16	64	2.5
45 - 49 yrs....	2420	1213	3633	170.6	53	17	70	3.3
50 - 54 yrs....	2223	1652	3875	237.1	56	20	76	4.7
55 - 59 yrs....	1373	1049	2422	181.6	30	17	47	3.5
60 - 64 yrs....	1896	1737	3633	344.4	31	13	44	4.2
65 - 69 yrs....	1242	1180	2422	296.7	21	11	32	3.9
70 yrs. and Over.....	2027	1605	3632	290.7	48	28	76	6.1
Not Stated....	654	436	1090	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

AGE & SEX	SYPHILIS (090-097)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	27	35	62	0.1	7	2	9	0.01
Under 1 yr....	2	2	4	0.2	0	0	0	-
1 - 4 yrs...	0	2	2	0.03	0	1	1	0.01
5 - 9 yrs...	1	2	3	0.03	0	0	0	-
10 - 14 yrs...	2	2	4	0.1	2	0	2	0.02
15 - 19 yrs...	2	4	6	0.1	0	0	0	-
20 - 24 yrs...	2	5	7	0.1	0	0	0	-
25 - 29 yrs...	2	4	6	0.1	0	0	0	-
30 - 34 yrs...	3	2	5	0.1	0	0	0	-
35 - 39 yrs...	2	2	4	0.1	1	0	1	0.03
40 - 44 yrs...	2	0	2	0.1	1	0	1	0.03
45 - 49 yrs...	1	1	2	0.1	0	0	0	-
50 - 54 yrs...	1	1	2	0.1	0	0	0	-
55 - 59 yrs...	2	2	4	0.3	0	0	0	-
60 - 64 yrs...	1	3	4	0.4	1	0	1	0.09
65 - 69 yrs...	2	2	4	0.5	0	0	0	-
70 yrs. and Over.....	2	1	3	0.2	2	1	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 Pop.
PHILIPPINES
1987

65

A G E & S E X	GONOCOCCAL INFECTION (098)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
<u>ALL AGES.....</u>	<u>1966</u>	<u>9395</u>	<u>11361</u>	<u>19.8</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>-</u>
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...	15	8	23	0.3	0	0	0	-
15 - 19 yrs...	491	2008	2499	40.6	0	0	0	-
20 - 24 yrs...	672	4747	5419	98.9	0	0	0	-
25 - 29 yrs...	429	1843	2272	47.5	0	0	0	-
30 - 34 yrs...	149	448	597	14.6	0	0	0	-
35 - 39 yrs...	102	250	352	10.8	0	0	0	-
40 - 44 yrs...	46	56	102	4.0	0	0	0	-
45 - 49 yrs...	35	9	44	2.1	0	0	0	-
50 - 54 yrs...	8	2	10	0.6	0	0	0	-
55 - 59 yrs...	6	4	10	0.7	0	0	0	-
60 - 64 yrs...	10	14	24	2.3	0	0	0	-
65 - 69 yrs...	3	6	9	1.1	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 Pop.
PHILIPPINES
1987

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.....	9071	4821	13892	24.2	208	80	288	0.5
Under 1 yr.....	18	10	28	1.6	6	2	8	0.5
1 - 4 yrs.....	181	111	292	4.5	10	3	13	0.2
5 - 9 yrs.....	1079	741	1820	23.7	7	1	8	0.1
10 - 14 yrs.....	2077	979	3056	44.2	12	2	14	0.2
15 - 19 yrs.....	1625	612	2237	36.3	3	2	5	0.08
20 - 24 yrs.....	807	318	1125	20.5	16	2	18	0.3
25 - 29 yrs.....	708	376	1084	22.6	15	8	23	0.5
30 - 34 yrs.....	644	412	1056	25.8	14	6	20	0.5
35 - 39 yrs.....	363	193	556	17.1	17	13	30	0.9
40 - 44 yrs.....	331	147	528	20.8	8	4	12	0.5
45 - 49 yrs.....	263	251	514	24.1	18	3	21	1.0
50 - 54 yrs.....	218	227	445	27.2	13	7	20	1.2
55 - 59 yrs.....	154	138	292	21.9	19	8	27	2.0
60 - 64 yrs.....	136	85	221	21.0	15	7	22	2.1
65 - 69 yrs.....	127	81	208	25.5	16	5	21	2.6
70 yrs. and Over.....	190	74	264	21.1	19	7	26	2.1
Not Stated.....	100	66	166	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

67

AGE & SEX	FILARIASIS (125)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	221	133	354	0.6	0	0	0	-
Under 1 yr....	9	6	15	0.9	0	0	0	-
1 - 4 yrs...	33	15	48	0.7	0	0	0	-
5 - 9 yrs...	23	29	52	0.7	0	0	0	-
10 - 14 yrs...	15	8	23	0.3	0	0	0	-
15 - 19 yrs...	7	4	11	0.2	0	0	0	-
20 - 24 yrs...	8	6	14	0.3	0	0	0	-
25 - 29 yrs...	9	7	16	0.3	0	0	0	-
30 - 34 yrs...	15	9	24	0.6	0	0	0	-
35 - 39 yrs...	8	6	14	0.4	0	0	0	-
40 - 44 yrs...	9	6	15	0.6	0	0	0	-
45 - 49 yrs...	6	5	11	0.5	0	0	0	-
50 - 54 yrs...	26	14	40	2.4	0	0	0	-
55 - 59 yrs...	15	4	19	1.4	0	0	0	-
60 - 64 yrs...	10	4	14	1.3	0	0	0	-
65 - 69 yrs...	4	4	8	1.0	0	0	0	-
70 yrs. and Over.....	9	1	10	0.8	0	0	0	-
Not Stated....	15	5	20	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1967

AGE & SEX	MALIGNANT NEOPLASMS (140-239)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	14413	12782	27195	47.4	10970	9397	20367	35.5
Under 1 yr....	144	155	299	17.5	77	66	143	8.4
1 - 4 yrs...	274	216	490	7.5	137	116	253	3.9
5 - 9 yrs...	259	258	517	6.7	145	102	247	3.2
10 - 14 yrs...	274	270	544	7.9	166	136	302	4.4
15 - 19 yrs...	447	206	653	10.6	187	164	351	5.7
20 - 24 yrs...	245	272	517	9.4	210	198	408	7.4
25 - 29 yrs...	418	316	734	15.3	266	289	555	11.6
30 - 34 yrs...	591	388	979	23.9	379	407	786	19.2
35 - 39 yrs...	749	638	1387	42.6	520	546	1066	32.7
40 - 44 yrs...	894	1037	1931	76.0	604	625	1229	48.4
45 - 49 yrs...	1052	1015	2067	97.1	921	831	1752	82.3
50 - 54 yrs...	1312	1244	2556	156.4	1134	943	2077	127.1
55 - 59 yrs...	1441	1279	2720	203.9	1230	952	2182	163.6
60 - 64 yrs...	1830	1406	3236	306.8	1278	996	2274	215.6
65 - 69 yrs...	1614	1377	2991	366.4	1273	933	2206	270.3
70 yrs. and Over.....	2782	2683	5465	437.5	2443	2093	4536	363.1
Not Stated....	87	22	109	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

69

A G E & S E X	DISEASES OF THE HEART (390-392; 393-398; 402; 404; 410-429)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
<u>ALL AGES.....</u>	<u>44756</u>	<u>34458</u>	<u>79214</u>	<u>138.1</u>	<u>22127</u>	<u>16713</u>	<u>38840</u>	<u>67.7</u>
Under 1 yr....	1253	727	1980	115.8	361	279	640	37.4
1 - 4 yrs...	940	723	1663	25.5	264	229	493	7.6
5 - 9 yrs...	671	596	1267	16.5	193	165	358	4.7
10 - 14 yrs...	850	734	1584	22.9	250	234	484	7.0
15 - 19 yrs...	1074	827	1901	30.9	422	332	754	12.2
20 - 24 yrs...	1164	816	1980	36.1	575	424	999	18.2
25 - 29 yrs...	1342	876	2218	46.3	700	482	1182	24.7
30 - 34 yrs...	1611	1241	2852	69.7	730	518	1248	30.5
35 - 39 yrs...	1701	1388	3089	94.8	877	515	1392	42.7
40 - 44 yrs...	2059	1506	3565	140.3	936	555	1491	58.7
45 - 49 yrs...	2417	1544	3961	186.0	1226	603	1829	85.9
50 - 54 yrs...	2909	1448	4357	266.6	1514	758	2272	139.0
55 - 59 yrs...	3178	1496	4674	350.4	1673	872	2545	190.8
60 - 64 yrs...	3580	2757	6337	600.8	1993	1175	3168	300.4
65 - 69 yrs...	3804	1899	5703	698.7	2047	1480	3527	432.1
70 yrs. and Over.....	16157	15845	32002	2561.6	8366	8091	16457	1317.3
Not Stated....	46	35	81	-	0	1	1	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1937

AGE & SEX	BRONCHITIS (466)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	327173	315604	642777	1120.7	907	772	1814	3.2
Under 1 yr....	81793	73116	154909	9063.6	424	371	795	46.5
1 - 4 yrs...	121381	100377	221758	3399.3	353	307	660	10.1
5 - 9 yrs...	45804	37757	83561	1089.6	55	46	101	1.3
10 - 14 yrs...	17013	15126	32139	464.7	19	11	30	0.4
15 - 19 yrs...	13087	6196	19283	313.0	8	6	14	0.2
20 - 24 yrs...	10470	17169	27639	504.5	9	5	14	0.3
25 - 29 yrs...	9815	12682	22497	469.9	5	5	10	0.2
30 - 34 yrs...	6543	10169	16712	408.1	3	2	5	0.1
35 - 39 yrs...	3599	7328	10927	335.3	5	2	7	0.2
40 - 44 yrs...	3272	9584	12856	506.0	3	3	6	0.2
45 - 49 yrs...	2945	6054	8999	422.7	7	2	9	0.4
50 - 54 yrs...	2944	4769	7713	472.0	8	4	12	0.7
55 - 59 yrs...	2291	4780	7071	530.1	4	4	8	0.6
60 - 64 yrs...	2290	4139	6429	609.5	5	7	12	1.1
65 - 69 yrs...	1636	2863	4499	551.2	15	5	20	2.5
70 yrs. and Over.....	1963	3179	5142	411.6	62	49	111	8.9
Not Stated....	327	316	643	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

71

A G E & S E X	PNEUMONIAS (480-486)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
ALL AGES.....	93403	89740	183143	319.3	28406	24294	52700	91.9
Under 1 yr....	26453	28490	54943	3214.7	7580	5800	13380	782.9
1 - 4 yrs...	31383	33999	65382	1002.2	10085	9130	19215	294.5
5 - 9 yrs...	11208	11319	22527	293.7	2041	1815	3856	50.3
10 - 14 yrs...	3736	1575	5311	76.8	460	465	925	13.4
15 - 19 yrs...	2709	1137	3846	62.4	372	283	655	10.6
20 - 24 yrs...	2335	1328	3663	66.9	324	250	574	10.5
25 - 29 yrs...	1868	1062	2930	61.2	251	212	463	9.7
30 - 34 yrs...	1494	1070	2564	62.6	247	215	462	11.3
35 - 39 yrs...	1027	988	2015	61.8	305	207	512	15.7
40 - 44 yrs...	934	714	1648	64.9	290	194	484	19.1
45 - 49 yrs...	747	535	1282	60.2	361	216	577	27.1
50 - 54 yrs...	841	441	1282	78.5	476	250	726	44.4
55 - 59 yrs...	1121	527	1648	123.5	522	286	808	60.6
60 - 64 yrs...	1214	617	1831	173.6	584	423	1007	95.5
65 - 69 yrs...	1308	707	2015	246.9	686	536	1222	149.7
70 yrs. and Over.....	4558	5149	9707	777.0	3022	4011	7833	627.0
Not Stated....	467	82	549	-	0	1	1	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1967

AGE & SEX	INFLUENZA (487)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
<u>ALL AGES.....</u>	<u>230307</u>	<u>264854</u>	<u>495161</u>	<u>863.3</u>	<u>600</u>	<u>551</u>	<u>1151</u>	<u>2.0</u>
Under 1 yr....	29535	18991	48526	2839.2	62	45	107	6.3
1 - 4 yrs...	34150	34677	68827	1055.0	59	71	130	2.0
5 - 9 yrs...	31381	32990	64371	839.4	36	31	67	0.9
10 - 14 yrs...	23997	31461	55458	801.8	23	15	38	0.5
15 - 19 yrs...	21229	23831	45060	731.4	32	15	47	0.8
20 - 24 yrs...	13614	22533	36147	659.0	28	16	44	0.8
25 - 29 yrs...	14998	20158	35156	734.4	13	18	31	0.6
30 - 34 yrs...	13152	17548	30700	749.8	23	20	43	1.1
35 - 39 yrs...	11537	15697	27234	835.6	21	22	43	1.3
40 - 44 yrs...	7153	10673	17826	701.6	30	10	40	1.6
45 - 49 yrs...	6461	7899	14360	674.4	20	17	37	1.7
50 - 54 yrs...	6692	10143	16835	1030.2	24	18	42	2.6
55 - 59 yrs...	3461	4957	8418	631.1	26	13	39	2.9
60 - 64 yrs...	4384	5519	9903	938.9	40	21	61	5.8
65 - 69 yrs...	3230	2712	5942	728.0	28	28	56	6.9
70 yrs. and Over.....	3233	4194	7427	594.5	135	191	326	26.1
Not Stated....	2100	871	2971	-	0	0	0	-

TABLE 15

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY AGE-GROUP AND BY SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

73

A G E & S E X	ACCIDENTS (800-999; E800-E949)							
	C a s e s				D e a t h s			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
<u>ALL AGES.....</u>	<u>63403</u>	<u>51042</u>	<u>114445</u>	<u>199.5</u>	<u>8357</u>	<u>3273</u>	<u>11630</u>	<u>20.3</u>
Under 1 yr....	1458	1289	2747	160.7	195	128	323	18.9
1 - 4 yrs...	5960	5256	11216	171.9	638	413	1051	16.1
5 - 9 yrs...	4755	3714	8469	110.4	736	424	1160	15.1
10 - 14 yrs...	3424	4587	8011	115.8	533	260	793	11.5
15 - 19 yrs...	4692	3434	8126	131.9	720	227	947	15.4
20 - 24 yrs...	7228	4674	11902	217.3	896	226	1122	20.5
25 - 29 yrs...	5453	3588	9041	188.9	810	172	982	20.5
30 - 34 yrs...	5009	3345	8354	204.0	742	183	925	22.6
35 - 39 yrs...	3994	3102	7096	217.7	628	150	778	23.9
40 - 44 yrs...	3551	2629	6180	243.2	439	128	567	22.3
45 - 49 yrs...	2980	2284	5264	247.2	425	134	559	26.3
50 - 54 yrs...	2536	2042	4578	280.1	341	134	475	29.1
55 - 59 yrs...	1712	1378	3090	231.7	293	105	398	29.8
60 - 64 yrs...	2409	2054	4463	423.1	250	124	374	35.5
65 - 69 yrs...	1585	1391	2976	364.6	161	127	288	35.3
70 yrs.and Over.....	6340	5906	12246	980.2	550	338	888	71.1
Not Stated....	317	369	686	-	0	0	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A	Typhoid and Paratyphoid Fever and Other Salmonella Infections (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.....	15290	26.7	1121	2.0	591858	1031.9	9468	16.5
NAT. CAP. REGION..	820	11.2	105	1.4	24872	338.2	780	10.6
1ST DIST.....								
MANILA.....	437	24.1	31	1.7	4747	261.8	192	10.6
2ND DIST. MUN.....	47	4.5	25	2.4	2115	204.6	109	10.5
QUEZON CITY.....	217	14.8	23	1.6	5502	376.2	177	12.1
3RD DIST. MUN.....	7	1.0	0	-	4541	636.7	79	11.1
CALOOCAN CITY...	12	2.1	3	0.5	2212	386.2	54	9.4
4TH DIST. MUN.....	87	6.2	19	1.3	2414	171.2	143	10.1
PASAY CITY.....	13	3.7	4	1.1	3341	957.5	26	7.5
REGION 1	2541	63.3	135	3.4	37737	940.6	569	14.2
ABRA.....	68	37.0	3	1.6	4292	2335.7	40	21.8
BENGUET.....	114	40.9	6	2.2	4604	1653.8	36	12.9
ILOCOS NORTE.....	334	92.0	14	3.9	6484	1785.5	41	11.3
ILOCOS SUR.....	88	17.6	14	2.8	3437	685.7	65	13.0
LA UNION.....	708	134.6	37	7.0	4963	943.3	59	11.2
MT. PROVINCE.....	112	96.7	1	0.9	1262	1089.3	18	15.5
PANGASINAN.....	687	42.9	40	2.5	9094	567.8	206	12.9
BAGUIO CITY.....	327	227.3	3	2.1	1917	1332.5	14	9.7
DAGUPAN CITY.....	89	81.5	12	11.0	924	846.2	60	54.9
LAOAG CITY.....	8	10.7	5	6.7	294	392.3	14	18.7
SAN CARLOS CITY...	6	5.3	0	-	466	409.0	16	14.0
REGION 2	63	2.4	22	0.8	27904	1052.2	464	17.5
BATANES.....	0	-	0	-	1214	8100.4	0	-
CAGAYAN.....	10	1.2	7	0.8	8725	1051.6	164	19.8
IFUGAO.....	0	-	0	-	1340	1052.4	24	18.8
ISABELA.....	4	0.4	3	0.3	9822	930.7	228	21.6
KALINGA-APAYAO....	27	12.2	3	1.4	1352	609.4	9	4.1
NUEVA VIZCAYA.....	13	4.4	8	2.7	3832	1297.9	25	8.5
QUIRINO.....	9	0.4	1	0.9	1619	1504.2	14	13.0
REGION 3	570	9.9	47	0.8	62158	1080.8	583	10.1
BATAAN.....	115	27.6	2	0.5	6638	1592.6	34	8.2
BULACAN.....	159	12.1	20	1.5	17517	1335.5	167	12.7
NUEVA ECIJA.....	52	5.1	3	0.3	4282	416.2	67	6.5
PAMPANGA.....	10	0.9	2	0.2	16181	1383.6	103	8.8
TARLAC.....	9	1.1	5	0.6	7950	1009.9	74	9.4
ZAMBALES.....	30	0.7	2	0.6	4137	1194.1	56	16.2
ANGELES CITY.....	28	11.7	2	0.8	2956	1231.5	23	9.6
CABANATUAN CITY...	5	3.0	2	1.2	564	333.1	16	9.4

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

75

A R E A	Typhoid and Paratyphoid Fever and Other Salmonella Infections (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
OLONGAPO CITY.....	154	81.3	6	3.2	1479	781.3	31	16.4
PALAYAN CITY.....	0	-	0	-	81	412.6	0	-
SAN JOSE CITY.....	8	11.0	3	4.1	373	513.1	12	16.5
<u>REGION 4</u>	<u>821</u>	<u>11.0</u>	<u>92</u>	<u>1.2</u>	<u>49001</u>	<u>654.4</u>	<u>1417</u>	<u>18.9</u>
AURORA.....	2	1.5	0	-	2106	1617.8	30	23.0
BATANGAS.....	249	23.9	2	0.2	7427	713.4	100	9.6
CAVITE.....	20	2.3	3	0.4	6405	749.1	141	16.5
LAGUNA.....	149	14.0	8	0.8	4148	390.6	97	9.1
MARINDUQUE.....	27	13.6	2	1.0	1781	894.4	33	16.6
MINDORO OCC.....	7	2.6	1	0.4	3983	1479.0	66	24.5
MINDORO OR.....	2	0.4	2	0.4	3580	673.9	130	23.8
PALAWAN.....	27	7.0	0	-	6263	1619.1	60	15.5
QUEZON.....	216	17.1	20	1.6	3868	305.7	362	28.7
RIZAL.....	44	6.1	13	1.8	5444	756.7	125	17.4
ROMBLON.....	28	13.1	8	3.7	1198	558.5	93	43.4
BATANGAS CITY.....	4	2.4	4	2.4	520	307.9	8	4.7
CAVITE CITY.....	6	6.2	4	4.1	545	558.8	28	28.7
LIPA CITY.....	9	6.3	3	5.6	89	62.7	22	15.5
LUCENA CITY.....	17	12.5	9	6.6	265	195.2	56	41.2
PUERTO PRINCESA.....	4	5.1	2	2.6	221	283.3	26	33.3
SAN PABLO CITY.....	6	4.0	4	2.7	921	613.5	30	20.0
TAGAYTAY CITY.....	0	-	0	-	120	578.0	2	9.6
TRECE MARTIRES.....	4	37.8	2	18.9	17	160.7	8	75.6
<u>REGION 5</u>	<u>1153</u>	<u>28.0</u>	<u>93</u>	<u>2.3</u>	<u>41840</u>	<u>1016.7</u>	<u>1215</u>	<u>29.5</u>
ALBAY.....	22	2.6	13	1.6	8516	1025.4	193	23.2
CAMARINES NORTE.....	20	5.4	3	0.8	3091	834.6	150	40.5
CAMARINES SUR.....	31	2.7	5	0.4	13779	1214.2	248	21.9
CATANDUANES.....	536	267.6	20	10.0	2292	1144.4	59	29.5
MASBATE.....	411	60.0	33	4.8	6730	981.8	253	36.9
SORSOGON.....	108	18.2	5	0.8	6347	1068.1	215	36.2
IRIGA CITY.....	4	5.6	2	2.8	458	639.2	24	33.5
LEGASPI CITY.....	13	10.1	11	8.5	419	325.5	41	31.9
NAGA CITY.....	8	8.1	1	1.0	208	209.7	32	32.3
<u>REGION 6</u>	<u>1694</u>	<u>31.8</u>	<u>194</u>	<u>3.6</u>	<u>38919</u>	<u>731.2</u>	<u>972</u>	<u>18.3</u>
AKLAN.....	196	51.7	15	4.0	4357	1149.4	86	22.7
ANTIQUE.....	214	52.7	21	5.2	5199	1280.5	117	28.8
CAPIZ.....	269	55.0	11	2.3	5391	1102.9	69	14.1
ILOILO.....	252	18.2	27	2.0	6965	503.1	173	12.5
NEGROS OCC.....	508	35.1	50	3.5	11024	761.5	259	17.9

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A	Typhoid and Paratyphoid Fever and other Salmonella Infections (002-003)				Diarrheas . (004 ^o - 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
BACOLOD CITY.....	28	9.1	16	5.2	626	204.5	59	19.3
BAGO CITY.....	3	2.5	2	1.7	101	83.7	20	16.6
CADIZ CITY.....	11	7.9	2	1.4	74	53.5	23	16.6
ILOILO CITY.....	36	13.0	25	9.0	1909	690.5	46	16.6
LA CARLOTA CITY...	8	14.7	0	-	826	1520.6	5	9.2
ROXAS CITY.....	77	79.3	15	15.4	704	724.8	62	63.8
SAN CARLOS CITY...	76	78.6	4	4.1	1370	1416.3	38	39.3
SILAY CITY.....	16	12.6	6	4.7	373	293.2	15	11.8
<u>REGION 7</u>	<u>1862</u>	<u>42.7</u>	<u>121</u>	<u>2.8</u>	<u>69466</u>	<u>1591.5</u>	<u>684</u>	<u>15.7</u>
BOHOL.....	414	48.5	27	3.2	17540	2056.5	134	15.7
CEBU.....	689	50.1	32	2.3	29550	2148.3	212	15.4
NEGROS OR.....	477	59.9	10	1.3	12943	1624.1	84	10.5
SIQUILJOR.....	72	91.9	0	-	1674	2135.8	9	11.5
BAIS CITY.....	12	21.9	3	5.5	231	421.6	4	7.3
CANLAON CITY.....	12	37.7	8	25.1	177	555.7	19	59.6
CEBU CITY.....	70	11.7	14	2.3	3354	562.9	112	18.8
DANAO CITY.....	0	-	0	-	50	76.8	8	12.3
DUMAGUETE CITY....	28	37.0	14	18.5	816	1078.8	18	23.8
LAPU-LAPU CITY....	4	3.3	2	1.7	857	707.8	43	35.5
MANDAWE CITY.....	3	1.9	2	1.3	188	118.4	20	12.6
TAGBILARAN CITY...	26	54.4	6	12.5	122	255.2	9	18.8
TOLEDO CITY.....	55	49.9	3	2.7	1964	1782.9	12	10.9
<u>REGION 8</u>	<u>623</u>	<u>19.6</u>	<u>71</u>	<u>2.2</u>	<u>36095</u>	<u>1133.2</u>	<u>610</u>	<u>19.2</u>
LEYTE DEL NORTE...	122	9.9	7	0.6	11758	958.9	204	16.6
LEYTE DEL SUR.....	70	19.9	8	2.3	4287	1221.5	42	12.0
EASTERN SAMAR.....	37	9.9	3	0.8	3782	1011.7	37	9.9
NORTHERN SAMAR....	30	6.6	22	4.9	8082	1788.1	178	39.4
WESTERN SAMAR.....	177	43.1	16	3.9	6025	1468.6	58	14.1
CALBAYOG CITY.....	146	122.4	4	3.4	1056	885.3	39	32.7
ORMOC CITY.....	37	29.7	7	5.6	810	650.1	13	10.4
TACLOBAN CITY.....	4	3.1	4	3.1	295	230.2	39	30.4
<u>REGION 9</u>	<u>399</u>	<u>13.3</u>	<u>54</u>	<u>1.8</u>	<u>62412</u>	<u>2084.3</u>	<u>462</u>	<u>15.4</u>
BASILAN.....	6	2.5	3	1.2	1806	748.2	11	4.6
SULU.....	4	0.9	2	0.5	6915	1642.2	55	13.1
TAWI-TAWI.....	0	-	0	-	2127	933.3	2	0.9
ZAMB. DEL NORTE...	183	33.2	14	2.5	21848	3965.8	92	16.7
ZAMB. DEL SUR.....	95	10.4	19	2.1	23896	2616.4	142	15.5

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

77

A R E A	Typhoid and Paratyphoid Fever and Other Salmonella Infections (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
DAPITAN CITY.....	5	8.0	2	3.2	1466	2344.4	23	36.8
DIPOLOG CITY.....	41	55.0	1	1.3	1074	1440.4	33	44.3
PAGADIAN CITY.....	9	9.2	5	5.1	1553	1593.6	29	29.8
ZAMBOANGA CITY....	56	13.8	8	2.0	1727	426.1	75	18.5
<u>REGION 10</u>	<u>1682</u>	<u>50.2</u>	<u>51</u>	<u>1.5</u>	<u>39084</u>	<u>1166.7</u>	<u>737</u>	<u>22.0</u>
AGUSAN DEL NORTE..	0	-	0	-	4550	1957.3	48	20.6
AGUSAN DEL SUR....	1	0.3	0	-	3220	977.0	63	19.1
BUKIDNON.....	101	13.2	5	0.7	8481	1107.0	139	18.1
CAMIGUIN.....	0	-	0	-	435	702.7	19	30.7
MISAMIS OCC.....	50	19.2	4	1.5	4202	1610.5	55	21.1
MISAMIS OR.....	7	1.6	3	0.7	3878	872.7	92	20.7
SURIGAO DEL NORTE.	163	46.9	8	2.3	3795	1092.1	41	11.8
BUTUAN CITY.....	300	143.0	7	3.3	3641	1735.0	70	33.4
CAGAYAN DE ORO....	247	78.4	6	1.9	2394	759.6	118	37.4
GINGOOG CITY.....	6	6.2	2	2.1	938	974.7	25	26.0
OROQUIETA CITY....	346	619.3	3	5.4	1233	2206.9	6	10.7
OZAMIS CITY.....	446	493.0	7	7.7	1720	1901.4	28	31.0
SURIGAO CITY.....	6	6.3	3	3.2	503	528.2	22	23.1
TANGUB CITY.....	9	20.3	3	6.8	94	211.9	11	24.8
<u>REGION 11</u>	<u>1510</u>	<u>37.4</u>	<u>85</u>	<u>2.1</u>	<u>55456</u>	<u>1375.2</u>	<u>627</u>	<u>15.5</u>
COTABATO SOUTH....	342	47.8	16	2.2	11653	1628.9	101	14.1
DAVAO DEL NORTE...	23	2.7	13	1.5	8385	982.5	162	19.0
DAVAO ORIENTAL....	93	22.9	4	1.0	8224	2024.6	57	14.0
DAVAO DEL SUR.....	562	93.1	10	1.7	15997	2650.8	33	5.5
SURIGAO DEL SUR...	234	51.1	10	2.2	8196	1788.9	117	25.5
DAVAO CITY.....	160	20.4	24	3.1	1941	247.2	80	10.2
GEN. SANTOS CITY..	96	45.6	8	3.8	1060	503.6	77	36.6
<u>REGION 12</u>	<u>1552</u>	<u>56.8</u>	<u>51</u>	<u>1.9</u>	<u>46914</u>	<u>1716.6</u>	<u>348</u>	<u>12.7</u>
COTABATO NORTH....	83	12.0	8	1.2	10538	1519.1	62	8.9
LANAO DEL NORTE...	445	120.9	12	3.3	10439	2836.2	42	11.4
LANAO DEL SUR.....	379	93.5	1	0.2	9742	2402.6	61	15.0
MAGUINDANAO.....	268	50.5	2	0.4	9769	1839.2	26	4.9
SULTAN KUDARAT....	10	2.6	6	1.6	3371	879.7	55	14.4
COTABATO CITY.....	96	95.9	7	7.0	1232	1230.4	33	33.0
ILIGAN CITY.....	242	126.5	12	6.3	1684	880.1	50	26.1
MARAWI CITY.....	29	48.4	3	5.0	139	232.0	19	31.7

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A	Tuberculosis, Other Forms (010-012;014-018;137)				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.....	160651	280.1	28262	49.3	3089	5.4	435	0.8
NAT. CAP. REGION..	12624	171.7	4256	57.9	289	3.9	139	1.9
1ST DIST.....								
MANILA.....	4337	239.2	1270	70.0	137	7.6	74	4.1
2ND DIST. MUN.....	1108	107.2	463	44.8	42	4.1	20	1.9
QUEZON CITY....	2043	139.7	1345	92.0	47	3.2	22	1.5
3RD DIST. MUN.....	1466	205.6	291	40.8	12	1.7	0	-
CALOOCAN CITY..	1134	198.0	330	57.6	13	2.3	5	0.9
4TH DIST. MUN.....	1807	128.1	444	31.5	26	1.8	14	1.0
PASAY CITY.....	729	208.9	113	32.4	12	3.4	4	1.1
REGION 1	10831	270.0	2029	50.6	113	2.8	10	0.2
ABRA.....	65	35.4	59	32.1	16	8.7	1	0.5
BENGUET.....	138	49.6	32	11.5	10	3.6	0	-
ILOCOS NORTE.....	1188	327.1	188	51.8	2	0.6	1	0.3
ILOCOS SUR.....	1166	232.6	306	61.0	3	0.6	1	0.2
LA UNION.....	1981	376.5	288	54.7	9	1.7	2	0.4
MT. PROVINCE.....	114	98.4	26	22.4	0	-	0	-
PANGASINAN.....	5150	321.6	865	54.0	46	2.9	1	0.06
BAGUIO CITY.....	292	203.0	41	28.5	8	5.6	3	2.1
DAGUPAN CITY.....	302	276.6	93	85.2	18	16.5	1	0.9
LAOAG CITY.....	113	150.8	46	61.4	0	-	0	-
SAN CARLOS CITY...	322	282.6	85	74.6	1	0.9	0	-
REGION 2	4900	184.8	964	36.3	92	3.5	9	0.3
BATANES.....	40	266.9	5	33.4	0	-	0	-
CAGAYAN.....	1756	211.6	443	53.4	23	2.8	4	0.5
IFUGAO.....	208	163.4	34	26.7	4	3.1	2	1.6
ISABELA.....	1327	125.7	370	35.1	34	3.2	1	0.09
KALINGA-APAYAO....	328	147.8	28	12.6	0	-	0	-
NUEVA VIZCAYA.....	636	215.4	54	18.3	26	8.8	2	0.7
QUIRINO.....	605	562.1	30	27.9	5	4.6	0	-
REGION 3	14827	257.8	2947	51.2	243	4.2	46	0.8
PATAAN.....	2525	605.8	231	55.4	27	6.5	6	1.4
BULACAN.....	4416	336.7	718	54.7	36	2.7	14	1.1
NUEVA ECLJA.....	1488	144.6	457	44.4	40	3.9	3	0.3
PAMPANGA.....	1707	146.0	438	37.5	29	2.5	9	0.8
TARLAC.....	1550	196.9	478	60.7	7	0.9	4	0.5
ZAMBALES.....	716	206.7	235	67.8	22	6.3	1	0.3
ANGELES CITY.....	518	215.8	115	47.9	32	13.3	1	0.4
CABANATUAN CITY...	272	160.6	118	69.7	5	3.0	3	1.8

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

79

A R E A	Tuberculosis, Other Forms (010-012;014-018;137)				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
OLONGAPO CITY.....	1206	637.0	116	61.3	35	18.5	3	1.6
PAIAYAN CITY.....	12	61.1	5	25.5	4	20.4	1	5.1
SAN JOSE CITY.....	417	573.7	36	49.5	6	8.3	1	1.4
<u>REGION 4</u>	<u>16057</u>	<u>214.4</u>	<u>3913</u>	<u>52.3</u>	<u>649</u>	<u>8.7</u>	<u>46</u>	<u>0.6</u>
AURORA.....	373	286.5	46	35.3	22	16.9	0	-
BATANGAS.....	3224	309.7	334	32.1	37	3.5	5	0.5
CAVITE.....	1958	229.0	330	38.6	8	0.9	0	-
LAGUNA.....	1778	167.4	640	60.3	43	4.0	10	0.9
MARINDUQUE.....	537	269.7	168	84.4	39	19.6	5	2.5
MINDORO OCC.....	729	270.7	99	36.8	76	28.2	0	-
MINDORO OR.....	1849	338.6	304	55.7	38	7.0	2	0.4
PALAWAN.....	647	167.3	113	29.2	94	24.3	0	-
QUEZON.....	2231	176.9	755	59.9	120	9.5	10	0.8
RIZAL.....	694	96.5	363	50.5	86	12.0	2	0.3
ROMBLON.....	767	357.6	215	100.2	62	28.9	0	-
BATANGAS CITY.....	115	68.1	102	60.4	6	3.6	1	0.6
CAVITE CITY.....	197	202.0	55	56.4	2	2.1	1	1.0
LIPA CITY.....	60	42.2	50	35.2	5	3.5	1	0.7
LUCENA CITY.....	301	221.7	137	100.9	6	4.4	5	3.7
PUERTO PRINCESA.....	50	64.1	39	50.0	0	-	0	-
SAN PABLO CITY.....	491	327.1	119	79.3	4	2.7	4	2.7
TAGAYTAY CITY.....	7	33.7	0	-	1	4.8	0	-
TRECE MARTIRES.....	49	463.2	44	415.9	0	-	0	-
<u>REGION 5</u>	<u>17542</u>	<u>426.3</u>	<u>2955</u>	<u>71.8</u>	<u>323</u>	<u>7.8</u>	<u>62</u>	<u>1.5</u>
ALBAY.....	2454	295.5	565	68.0	36	4.3	5	0.6
CAMARINES NORTE.....	2297	620.2	322	86.9	103	27.8	9	2.4
CAMARINES SUR.....	6062	534.2	864	76.1	74	6.5	12	1.1
CATANDUANES.....	1804	900.8	212	105.9	29	14.5	1	0.5
MASBATE.....	2642	385.4	236	34.4	16	2.3	2	0.3
SORSOGON.....	1723	289.9	467	78.6	20	3.4	5	0.8
IRIGA CITY.....	89	124.2	79	110.2	6	8.4	1	1.4
LEGASPI CITY.....	293	227.6	94	73.0	23	17.9	18	14.0
NAGA CITY.....	178	179.4	116	116.9	16	16.1	9	9.1
<u>REGION 6</u>	<u>19093</u>	<u>358.7</u>	<u>3862</u>	<u>72.6</u>	<u>251</u>	<u>4.7</u>	<u>31</u>	<u>0.6</u>
AKLAN.....	1632	430.5	288	76.0	19	5.0	2	0.5
ANTIQUE.....	3148	775.4	417	102.7	14	3.4	2	0.5
CAPIZ.....	1896	387.9	223	45.6	34	7.0	1	0.2
ILOILO.....	3515	253.9	918	66.3	77	5.6	5	0.4
NEGROS OCC.....	4306	297.4	910	62.9	60	4.1	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A	Tuberculosis, Other Forms (010-012;014-018;137)				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
BACOLOD CITY.....	416	135.9	309	101.0	19	6.2	10	3.3
BAGO CITY.....	146	121.0	84	69.6	0	-	0	-
CADIZ CITY.....	111	80.2	100	72.3	0	-	0	-
ILOILO CITY.....	1609	582.0	278	100.6	10	3.6	5	1.8
LA CARLOTA CITY.....	411	756.6	68	125.2	5	9.2	2	3.7
ROXAS CITY.....	200	205.9	56	57.7	4	4.1	1	1.0
SAN CARLOS CITY.....	1265	1307.8	71	73.4	2	2.1	1	1.0
SILAY CITY.....	438	344.3	140	110.1	7	5.5	2	1.6
<u>REGION 7</u>	<u>8605</u>	<u>197.1</u>	<u>1846</u>	<u>42.3</u>	<u>134</u>	<u>3.1</u>	<u>21</u>	<u>0.5</u>
BOHOL.....	2615	306.6	491	57.6	25	2.9	2	0.2
CEBU.....	2879	209.3	399	29.0	26	1.9	2	0.1
NEGROS OR.....	1215	152.5	225	28.2	15	1.9	1	0.1
SIQUIJOR.....	359	458.0	59	75.3	5	6.4	0	-
RAIS CITY.....	336	613.2	28	51.1	9	16.4	2	3.6
CANLON CITY.....	80	251.1	14	44.0	0	-	0	-
CEBU CITY.....	499	83.8	309	51.9	22	3.7	5	0.8
DANAO CITY.....	70	107.5	17	26.1	0	-	0	-
DUMAGUETTE CITY.....	178	235.3	104	137.5	11	14.5	7	9.3
LAPU-LAPU CITY.....	89	73.5	87	71.9	4	3.3	1	0.8
MANDAWE CITY.....	102	64.2	41	25.8	0	-	0	-
TACILARAN CITY.....	56	117.1	55	115.0	6	12.5	1	2.1
TOLEDO CITY.....	127	115.3	17	15.4	11	10.0	0	-
<u>REGION 8</u>	<u>11068</u>	<u>347.5</u>	<u>1762</u>	<u>55.3</u>	<u>101</u>	<u>3.2</u>	<u>14</u>	<u>0.4</u>
LEYTE DEL NORTE.....	4387	357.8	862	70.3	32	2.6	5	0.4
LEYTE DEL SUR.....	1829	521.1	293	83.5	13	3.7	8	2.3
EASTERN SAMAR.....	890	238.1	99	26.5	21	5.6	0	-
NORTHERN SAMAR.....	2319	513.1	175	38.7	2	0.4	0	-
WESTERN SAMAR.....	874	213.0	87	21.2	5	1.2	0	-
CALBAYOG CITY.....	128	107.3	69	57.8	16	13.4	0	-
ORMOC CITY.....	252	202.3	63	50.6	3	2.4	1	0.8
TACLOBAN CITY.....	389	303.6	114	89.0	9	7.0	0	-
<u>REGION 9</u>	<u>12215</u>	<u>407.9</u>	<u>761</u>	<u>25.4</u>	<u>158</u>	<u>5.3</u>	<u>6</u>	<u>0.2</u>
BASILAN.....	238	98.6	35	14.5	1	0.4	0	-
SULU.....	1693	402.1	48	11.4	2	0.5	0	-
TAWI-TAWI.....	561	246.1	6	2.6	0	-	0	-
ZAMB. DEL NORTE.....	1282	232.7	108	19.6	37	6.7	0	-
ZAMB. DEL SUR.....	7226	791.2	185	20.3	96	10.5	1	0.1

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A	Tuberculosis, Other Forms (010-012;014-018;137)				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.....	114	182.3	21	33.6	9	14.4	0	-
DIPOLOG CITY.....	102	136.8	58	77.8	4	5.4	2	2.7
PAGADIAN CITY.....	167	171.4	86	88.2	4	4.1	1	1.0
ZAMBOANGA CITY.....	832	205.3	214	52.8	5	1.2	2	0.5
<u>REGION 10</u>	<u>9247</u>	<u>276.0</u>	<u>1052</u>	<u>31.4</u>	<u>285</u>	<u>8.5</u>	<u>14</u>	<u>0.4</u>
AGUSAN DEL NORTE....	1283	551.9	68	29.3	8	3.4	0	-
AGUSAN DEL SUR.....	272	82.5	47	14.3	6	1.8	0	-
BUKIDNON.....	2800	365.5	104	13.6	42	5.5	0	-
CAMIGUIN.....	38	61.4	31	50.1	3	4.8	1	1.6
MISAMIS OCC.....	696	266.8	77	29.5	8	3.1	1	0.4
MISAMIS OR.....	1265	284.7	161	36.2	7	1.6	0	-
SURIGAO DEL NORTE...	871	250.7	166	47.8	100	28.8	2	0.6
BUTUAN CITY.....	218	103.9	64	30.5	9	4.3	0	-
CAGAYAN DE ORO.....	714	226.5	138	43.8	93	29.5	7	2.2
GINGOOG CITY.....	195	202.6	32	33.3	3	3.1	0	-
OROQUIETA CITY.....	141	252.4	40	71.6	0	-	0	-
OZAMIS CITY.....	566	625.7	54	59.7	0	-	0	-
SURIGAO CITY.....	120	126.9	58	60.9	6	6.3	3	3.2
TANGUB CITY.....	68	153.3	12	27.0	0	-	0	-
<u>REGION 11</u>	<u>11488</u>	<u>284.9</u>	<u>1299</u>	<u>32.2</u>	<u>126</u>	<u>3.1</u>	<u>21</u>	<u>0.5</u>
COTABATO SOUTH.....	1731	242.0	232	32.4	4	0.6	0	-
DAVAO DEL NORTE.....	1005	117.8	255	29.9	11	1.3	5	0.6
DAVAO ORIENTAL.....	1203	296.2	109	26.8	6	1.5	3	0.7
DAVAO DEL SUR.....	1173	194.4	142	23.5	14	2.3	5	0.8
SURIGAO DEL SUR.....	3887	848.4	126	27.5	8	1.7	0	-
DAVAO CITY.....	2214	281.9	327	41.6	28	3.6	8	1.0
GEN. SANTOS CITY....	275	130.6	108	51.3	55	26.1	0	-
<u>REGION 12</u>	<u>12154</u>	<u>444.7</u>	<u>616</u>	<u>22.5</u>	<u>325</u>	<u>11.9</u>	<u>16</u>	<u>0.6</u>
COTABATO NORTH.....	2467	355.6	150	21.6	52	7.5	5	0.7
LANAO DEL NORTE.....	2337	635.0	100	27.2	151	41.0	1	0.3
LANAO DEL SUR.....	743	183.2	10	2.5	22	5.4	0	-
MAGUINDANAO.....	2506	471.8	34	6.4	59	11.1	0	-
SULTAN KUDARAT.....	3469	905.2	94	24.5	2	0.5	1	0.3
COTABATO CITY.....	344	343.5	78	77.9	24	24.0	9	9.0
ILIGAN CITY.....	209	109.2	139	72.6	15	7.8	0	-
MARAWI CITY.....	79	131.8	11	18.4	0	-	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
PHILIPPINES.....	1766	3.1	63	0.1	1443	2.5	245	0.4
NAT. CAP. REGION..	24	0.3	12	0.2	380	5.2	50	0.7
1ST DIST.....								
MANILA.....	0	-	0	-	273	15.1	38	2.1
2ND DIST. MUN.....	6	0.6	0	-	12	1.2	6	0.6
QUEZON CITY....	0	-	0	-	80	5.5	1	0.07
3RD DIST. MUN.....	0	-	0	-	3	0.4	1	0.1
CALOOCANCITY...	18	3.1	12	2.1	2	0.3	1	0.2
4TH DIST. MUN.....	0	-	0	-	10	0.7	3	0.2
PASAY CITY.....	0	-	0	-	0	-	0	-
REGION 1	210	5.2	9	0.2	99	2.5	18	0.4
ABRA.....	8	4.4	2	1.1	0	-	0	-
BENGUET.....	3	1.1	0	-	0	-	0	-
ILOCOS NORTE.....	61	16.8	1	0.3	4	1.1	1	0.3
ILOCOS SUR.....	10	2.0	3	0.6	0	-	0	-
LA UNION.....	14	2.7	1	0.2	7	1.3	1	0.2
MT. PROVINCE.....	21	18.1	0	-	0	-	0	-
PANGASINAN.....	93	0.4	2	0.1	63	3.9	5	0.3
BAGUIO CITY.....	0	-	0	-	0	-	0	-
DAGUPAN CITY.....	0	-	0	-	7	6.4	6	5.5
LAOAG CITY.....	0	-	0	-	13	17.3	4	5.3
SAN CARLOS CITY...	0	-	0	-	5	4.4	1	0.9
REGION 2	154	5.8	5	0.2	102	3.8	14	0.5
BATANES.....	12	80.1	0	-	0	-	0	-
CAGAYAN.....	58	7.0	2	0.2	9	1.1	5	0.6
IFUGAO.....	12	9.4	1	0.8	4	3.1	1	0.8
ISABELA.....	8	0.8	1	0.09	7	0.7	6	0.6
KALINGA-APAYAO....	25	11.3	0	-	2	0.9	0	-
NUEVA VIZCAYA.....	18	6.1	1	0.3	80	27.1	2	0.7
QUIRINO.....	21	19.5	0	-	0	-	0	-
REGION 3	222	3.9	0	-	51	0.9	15	0.3
BATAAN.....	9	2.2	0	-	5	1.2	1	0.2
BULACAN.....	11	0.8	0	-	10	0.8	3	0.2
NUEVA ECLJA.....	46	4.5	0	-	10	1.0	0	-
PAMPANGA.....	44	3.8	0	-	6	0.5	1	0.09
TARLAC.....	97	12.3	0	-	7	0.9	5	0.6
ZAMBALES.....	14	4.0	0	-	5	1.4	2	0.6
ANGELES CITY.....	0	-	0	-	0	-	0	-
CABANATUAN CITY...	0	-	0	-	4	2.4	2	1.2

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

83

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
OLONGAPO CITY.....	0	-	0	-	4	2.1	1	0.5
PALAYAN CITY.....	1	5.1	0	-	0	-	0	-
SAN JOSE CITY.....	0	-	0	-	0	-	0	-
<u>REGION 4</u>	<u>38</u>	<u>0.5</u>	<u>7</u>	<u>0.09</u>	<u>266</u>	<u>3.6</u>	<u>18</u>	<u>0.2</u>
AURORA.....	6	4.6	0	-	0	-	0	-
BATANGAS.....	2	0.2	1	0.1	8	0.07	0	-
CAVITE.....	2	0.2	0	-	14	1.6	1	0.1
LAGUNA.....	3	0.3	0	-	97	9.1	2	0.2
MARINDUQUE.....	2	1.0	1	0.5	38	19.1	0	-
MINDORO OCC.....	1	0.4	0	-	2	0.7	1	0.4
MINDORO OR.....	4	0.7	0	-	38	7.0	2	0.4
PALAWAN.....	8	2.1	2	0.5	8	2.1	1	0.3
QUEZON.....	6	0.5	2	0.2	4	0.3	1	0.08
RIZAL.....	0	-	0	-	23	3.2	1	0.1
ROMBLON.....	3	1.4	1	0.5	15	7.0	2	0.9
BATANGAS CITY.....	0	-	0	-	4	2.4	2	1.2
CAVITE CITY.....	0	-	0	-	0	-	0	-
LIPA CITY.....	1	0.7	0	-	0	-	0	-
LUCENA CITY.....	0	-	0	-	10	7.4	5	3.7
PUERTO PRINCESA.....	0	-	0	-	0	-	0	-
SAN PABLO CITY.....	0	-	0	-	5	3.3	0	-
TAGAYTAY CITY.....	0	-	0	-	0	-	0	-
TRECE MARTIRES.....	0	-	0	-	0	-	0	-
<u>REGION 5</u>	<u>67</u>	<u>1.6</u>	<u>5</u>	<u>0.1</u>	<u>75</u>	<u>1.8</u>	<u>27</u>	<u>0.7</u>
ALBAY.....	6	0.7	0	-	5	0.6	4	0.5
CAMARINES NORTE.....	3	0.8	0	-	3	0.8	2	0.5
CAMARINES SUR.....	13	1.1	3	0.3	9	0.8	4	0.4
CATANDUANES.....	1	0.5	0	-	1	0.5	0	-
MASBATE.....	39	5.7	0	-	0	-	0	-
SORSOGON.....	5	0.8	2	0.3	27	4.5	0	-
IRIGA CITY.....	0	-	0	-	4	5.6	2	2.8
LEGASPI CITY.....	0	-	0	-	13	10.1	7	5.4
NAGA CITY.....	0	-	0	-	13	13.1	8	8.1
<u>REGION 6</u>	<u>61</u>	<u>1.1</u>	<u>7</u>	<u>0.1</u>	<u>100</u>	<u>1.9</u>	<u>29</u>	<u>0.5</u>
AKLAN.....	2	0.5	0	-	34	9.0	9	2.4
ANTIQUE.....	1	0.3	0	-	1	0.3	0	-
CAPIZ.....	0	-	0	-	21	4.3	1	0.2
ILOILO.....	32	2.3	6	0.4	11	0.8	4	0.3
NEGROS OCC.....	0	-	0	-	14	1.0	6	0.4

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
BACOLOD CITY.....	1	0.3	0	-	4	1.3	1	0.3
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	0	-	0	-	0	-	0	-
ILOILO CITY.....	0	-	0	-	8	2.9	5	1.8
LA CARLOTA CITY..	0	-	0	-	0	-	0	-
ROXAS CITY.....	0	-	0	-	5	5.1	3	3.1
SAN CARLOS CITY..	25	25.8	1	1.0	2	2.1	0	-
SILAY CITY.....	0	-	0	-	0	-	0	-
<u>REGION 7</u>	<u>118</u>	<u>2.7</u>	<u>2</u>	<u>0.05</u>	<u>36</u>	<u>0.8</u>	<u>13</u>	<u>0.3</u>
BOHOL.....	29	3.4	1	0.1	10	1.2	2	0.2
CEBU.....	80	5.8	0	-	4	0.3	2	0.1
NEGROS OR.....	6	0.8	0	-	3	0.4	0	-
SIQULJOR.....	0	-	0	-	0	-	0	-
BAIS CITY.....	0	-	0	-	0	-	0	-
CANLAON CITY....	0	-	0	-	1	3.1	0	-
CEBU CITY.....	0	-	0	-	6	1.0	4	0.7
DANAO CITY.....	0	-	0	-	0	-	0	-
DUMAGUETE CITY..	0	-	0	-	5	6.6	4	5.3
LAPU-LAPU CITY..	0	-	0	-	0	-	0	-
MANDAWE CITY....	3	1.9	1	0.6	3	1.9	0	-
TAGBILARAN CITY..	0	-	0	-	1	2.1	0	-
TOLEDO CITY.....	0	-	0	-	3	2.7	1	0.9
<u>REGION 8</u>	<u>131</u>	<u>4.1</u>	<u>3</u>	<u>0.09</u>	<u>35</u>	<u>1.1</u>	<u>9</u>	<u>0.3</u>
LEYTE DEL NORTE..	79	6.4	1	0.08	4	0.3	2	0.2
LEYTE DEL SUR...	31	8.8	0	-	4	1.1	2	0.6
EASTERN SAMAR...	7	1.9	1	0.3	0	-	0	-
NORTHERN SAMAR..	6	1.3	1	0.2	17	3.8	1	0.2
WESTERN SAMAR...	7	1.7	0	-	0	-	0	-
CALBAYOG CITY...	0	-	0	-	3	2.5	1	0.8
ORMOC CITY.....	1	0.8	0	-	3	2.4	1	0.8
TACLOBAN CITY...	0	-	0	-	4	3.1	2	1.6
<u>REGION 9</u>	<u>203</u>	<u>6.8</u>	<u>7</u>	<u>0.2</u>	<u>84</u>	<u>2.8</u>	<u>6</u>	<u>0.2</u>
BASILAN.....	41	17.0	0	-	67	27.8	0	-
SULU.....	35	8.3	0	-	5	1.2	1	0.2
TAWI-TAWI.....	0	-	0	-	0	-	0	-
ZAMB. DEL NORTE..	31	5.6	1	0.2	0	-	0	-
ZAMB. DEL SUR...	77	8.4	0	-	4	0.4	3	0.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

85

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
DAPITAN CITY.....	0	-	0	-	0	-	0	-
DIPOLOG CITY.....	2	2.7	0	-	0	-	0	-
PAGADIAN CITY.....	6	6.2	0	-	4	4.1	1	1.0
ZAMBOANGA CITY.....	11	2.7	6	1.5	4	1.0	1	0.2
<u>REGION 10</u>	<u>119</u>	<u>3.6</u>	<u>2</u>	<u>0.06</u>	<u>58</u>	<u>1.7</u>	<u>8</u>	<u>0.2</u>
AGUSAN DEL NORTE....	25	10.8	0	-	0	-	0	-
AGUSAN DEL SUR.....	0	-	0	-	0	-	0	-
BUKIDNON.....	4	0.5	0	-	6	0.8	3	0.4
CAMIGUIN.....	0	-	0	-	3	4.8	0	-
MISAMIS OCC.....	7	2.7	0	-	5	1.9	0	-
MISAMIS OR.....	3	1.8	1	0.2	11	2.5	2	0.5
SURIGAO DEL NORTE...	8	2.3	0	-	24	6.9	0	-
BUTUAN CITY.....	4	1.9	0	-	2	1.0	0	-
CACAYAN DE ORO.....	58	18.4	0	-	6	1.9	3	1.0
GINGOOG CITY.....	0	-	0	-	1	1.0	0	-
OROQUIETA CITY.....	1	1.8	0	-	0	-	0	-
OZAMIS CITY.....	0	-	0	-	0	-	0	-
SURIGAO CITY.....	4	4.2	1	1.1	0	-	0	-
TANGUB CITY.....	0	-	0	-	0	-	0	-
<u>REGION 11</u>	<u>104</u>	<u>2.6</u>	<u>2</u>	<u>0.05</u>	<u>92</u>	<u>2.3</u>	<u>21</u>	<u>0.5</u>
COTABATO SOUTH.....	8	1.1	0	-	17	2.4	4	0.6
DAVAO DEL NORTE.....	7	0.8	1	0.1	7	0.8	4	0.05
DAVAO ORIENTAL.....	2	0.5	1	0.2	5	1.2	2	0.5
DAVAO DEL SUR.....	5	0.8	0	-	4	0.7	1	0.2
SURIGAO DEL SUR.....	63	13.8	0	-	36	7.9	0	-
DAVAO CITY.....	0	-	0	-	16	2.0	9	1.1
GEN. SANTOS CITY....	19	9.0	0	-	7	3.3	1	0.5
<u>REGION 12</u>	<u>315</u>	<u>11.5</u>	<u>2</u>	<u>0.07</u>	<u>65</u>	<u>2.4</u>	<u>17</u>	<u>0.6</u>
COTABATO NORTH.....	2	0.3	0	-	11	1.6	7	1.0
LANAO DEL NORTE.....	3	0.2	1	0.3	1	0.3	0	-
LANAO DEL SUR.....	1	0.2	0	-	2	0.5	0	-
MAGUINDANAO.....	302	56.9	1	0.2	30	5.6	0	-
SULTAN KUDARAT.....	7	1.8	0	-	11	2.9	6	1.6
COTABATO CITY.....	0	-	0	-	5	5.0	1	1.0
ILIGAN CITY.....	0	-	0	-	3	1.6	2	1.0
MARAWI CITY.....	0	-	0	-	2	3.3	1	1.7

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
<u>PHILIPPINES</u>	<u>8856</u>	<u>15.4</u>	<u>26</u>	<u>0.05</u>	<u>2910</u>	<u>5.1</u>	<u>1026</u>	<u>1.8</u>
<u>NAT. CAP. REGION</u>	<u>297</u>	<u>4.0</u>	<u>4</u>	<u>0.05</u>	<u>374</u>	<u>5.1</u>	<u>114</u>	<u>1.6</u>
1ST DIST.								
MANILA.....	141	7.8	0	-	217	12.0	88	4.9
2ND DIST. MUN.	26	2.5	0	-	17	1.6	5	0.5
QUEZON CITY....	19	1.3	3	0.2	108	7.4	12	0.8
3RD DIST. MUN.	43	6.0	0	-	14	2.0	4	0.6
CALOOCAN CITY....	0	-	0	-	6	1.0	1	0.2
4TH DIST. MUN.	63	4.5	1	0.07	8	0.6	3	0.2
PASAY CITY....	5	1.4	0	-	4	1.1	1	0.3
<u>REGION 1</u>	<u>424</u>	<u>10.6</u>	<u>5</u>	<u>0.1</u>	<u>232</u>	<u>5.8</u>	<u>83</u>	<u>2.1</u>
ABRA.....	18	9.8	0	-	5	2.7	2	1.1
BENGUET.....	150	53.9	2	0.7	1	0.4	0	-
ILOCOS NORTE.....	36	9.9	0	-	17	4.7	10	2.8
ILOCOS SUR.....	73	14.6	0	-	39	7.8	11	2.2
LA UNION.....	11	2.1	0	-	49	9.3	12	2.3
MT. PROVINCE.....	3	2.6	1	0.9	14	12.1	2	1.7
PANGASINAN.....	132	8.2	2	0.1	55	3.4	24	1.5
BAGUIO CITY.....	0	-	0	-	4	2.8	2	1.4
DAGUPAN CITY.....	0	-	0	-	26	23.8	15	13.7
LAOAG CITY.....	1	1.3	0	-	11	14.7	3	4.0
SAN CARLOS CITY..	0	-	0	-	11	9.7	2	1.8
<u>REGION 2</u>	<u>273</u>	<u>10.3</u>	<u>4</u>	<u>0.2</u>	<u>169</u>	<u>6.4</u>	<u>58</u>	<u>2.2</u>
BATANES.....	0	-	0	-	2	13.3	0	-
CAGAYAN.....	71	8.6	2	0.2	80	9.6	17	2.0
IFUGAO.....	30	23.6	0	-	1	0.8	0	-
ISABELA.....	55	5.2	2	0.2	71	6.7	32	3.0
KALINGA-APAYAO...	25	11.3	0	-	2	0.9	1	0.5
NUEVA VIZCAYA....	86	29.1	0	-	6	2.0	5	1.7
QUIRINO.....	6	5.6	0	-	7	6.5	3	2.8
<u>REGION 3</u>	<u>558</u>	<u>9.7</u>	<u>2</u>	<u>0.03</u>	<u>163</u>	<u>2.8</u>	<u>72</u>	<u>1.3</u>
BATAAN.....	68	16.3	0	-	14	3.4	6	1.4
BULACAN.....	22	1.7	0	-	17	1.3	6	0.5
NUEVA ECIJA.....	73	7.6	1	0.1	37	3.6	9	0.9
PAMPANGA.....	115	9.8	0	-	17	1.5	12	1.0
TARLAC.....	55	7.0	1	0.1	19	2.4	15	1.9
ZAMBALES.....	73	2.1	0	-	18	5.2	9	2.6
ANGELES CITY.....	137	57.1	0	-	4	1.7	1	0.4
CABANATUAN CITY..	0	-	0	-	15	8.9	11	6.5

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
OLONGAPO CITY....	10	5.3	0	-	12	6.3	1	0.5
PALAYAN CITY.....	0	-	0	-	0	-	0	-
SAN JOSE CITY.....	0	-	0	-	10	13.8	2	2.8
<u>REGION 4</u>	<u>387</u>	<u>5.2</u>	<u>3</u>	<u>0.04</u>	<u>256</u>	<u>3.4</u>	<u>77</u>	<u>1.0</u>
AURORA.....	38	29.2	0	-	14	10.8	5	3.8
BATANGAS.....	53	5.1	0	-	25	2.4	4	0.4
CAVITE.....	33	3.9	0	-	7	0.8	2	0.2
LAGUNA.....	5	0.5	1	0.09	81	7.6	8	0.8
MARINDUQUE.....	24	12.1	0	-	11	5.5	4	2.0
MINDORO OCC.....	15	5.6	0	-	15	5.6	1	0.4
MINDORO OR.....	24	4.4	0	-	13	2.4	12	2.2
PALAWAN.....	162	41.9	0	-	8	2.1	5	1.3
QUEZON.....	19	1.5	1	0.08	13	1.0	7	0.6
RIZAL.....	6	0.8	0	-	11	1.5	4	0.6
ROMBLON.....	2	0.9	0	-	14	6.5	7	3.3
BATANGAS CITY....	0	-	0	-	12	7.1	7	4.1
CAVITE CITY.....	1	1.0	0	-	1	1.0	0	-
LIPA CITY.....	0	-	0	-	4	2.8	2	1.4
LUCENA CITY.....	2	1.5	1	0.7	15	11.0	6	4.4
PUERTO PRINCESA..	3	3.8	0	-	0	-	0	-
SAN PABLO CITY...	0	-	0	-	4	2.7	2	1.3
TAGAYTAY CITY....	0	-	0	-	0	-	0	-
TRECE MARTIRES...	0	-	0	-	8	75.6	1	9.5
<u>REGION 5</u>	<u>2089</u>	<u>50.8</u>	<u>4</u>	<u>0.1</u>	<u>303</u>	<u>7.4</u>	<u>117</u>	<u>2.8</u>
ALBAY.....	731	88.0	0	-	32	3.9	23	2.8
CAMARINES NORTE..	28	7.6	0	-	42	11.3	10	2.7
CAMARINES SUR....	815	71.8	0	-	86	7.6	35	3.1
CATANDUANES.....	10	5.0	0	-	50	25.0	0	-
MASBATE.....	430	62.7	0	-	29	4.2	15	2.2
SORSOGON.....	65	10.9	2	0.3	26	4.4	19	3.2
IRIGA CITY.....	0	-	0	-	2	2.8	1	1.4
LEGASPI CITY.....	5	3.9	1	0.8	24	18.6	10	7.8
NAGA CITY.....	5	5.0	1	1.0	12	12.1	4	4.0
<u>REGION 6</u>	<u>819</u>	<u>15.4</u>	<u>1</u>	<u>0.02</u>	<u>222</u>	<u>4.2</u>	<u>104</u>	<u>2.0</u>
AKLAN.....	59	15.3	0	-	12	3.2	7	1.8
ANTIQUE.....	58	14.3	0	-	24	5.9	8	2.0
CAPIZ.....	16	3.3	0	-	31	6.3	4	0.8
ILOILO.....	33	2.4	0	-	43	3.1	30	2.2
NEGROS OCC.....	519	35.9	0	-	50	3.5	18	1.2

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A	Whooping Cough (033)				Tetanus (037)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
BACOLOD CITY.....	9	2.9	0	-	10	3.3	9	2.9
BAGO CITY.....	0	-	0	-	5	4.1	0	-
CADIZ CITY.....	7	5.1	1	0.7	3	2.2	1	0.7
ILOILO CITY.....	72	26.0	0	-	18	6.5	12	4.3
LA CARLOTA CITY..	0	-	0	-	0	-	0	-
ROKAS CITY.....	7	7.2	0	-	6	6.2	3	3.1
SAN CARLOS CITY..	34	35.1	0	-	12	12.4	7	7.2
SILAY CITY.....	5	3.9	0	-	9	6.3	5	3.9
REGION 7	578	13.2	1	0.02	210	4.8	94	2.2
BOHOL.....	78	9.1	0	-	25	2.9	8	0.9
CEBU.....	243	17.7	0	-	52	3.8	27	2.0
NEGHROS OR.....	25	3.1	0	-	34	4.3	10	1.3
SIGUJOR.....	4	5.1	1	1.3	7	8.9	1	1.3
BAIS CITY.....	1	1.8	0	-	4	7.3	1	1.8
CANLAON CITY.....	3	9.4	0	-	6	18.8	0	-
CEBU CITY.....	9	1.5	0	-	33	5.5	27	4.5
DANAO CITY.....	0	-	0	-	9	13.8	1	1.5
DUMAGUETE CITY...	4	5.3	0	-	13	17.2	5	6.6
LAPU-LAPU CITY...	151	124.7	0	-	15	12.4	6	5.0
MANDAWE CITY.....	0	-	0	-	0	-	0	-
TAGBILARAN CITY..	3	6.3	0	-	7	14.6	5	10.5
TOLEDO CITY.....	57	51.7	0	-	5	4.5	3	2.7
REGION 8	1080	33.9	0	-	136	4.3	42	1.3
LEYTE DEL NORTE..	191	15.6	0	-	43	3.5	16	1.3
LEYTE DEL SUR....	42	12.0	0	-	12	3.4	7	2.0
EASTERN SAMAR....	370	99.0	0	-	14	3.7	5	1.3
NORTHERN SAMAR...	263	58.2	0	-	16	3.5	7	1.5
WESTERN SAMAR....	121	29.5	0	-	18	4.4	0	-
CALBAYOG CITY....	75	62.9	0	-	22	18.4	0	-
ORMOC CITY.....	18	14.4	0	-	6	4.8	3	2.4
TACLOBAN CITY....	0	-	0	-	5	3.9	4	3.1
REGION 9	836	27.9	0	-	158	5.3	47	1.6
BASILAN.....	43	17.8	0	-	6	2.5	3	1.2
SULU.....	350	83.1	0	-	16	3.8	10	2.4
TAWI-TAWI.....	3	1.3	0	-	2	0.9	1	0.4
ZAMB. DEL NORTE..	100	18.2	0	-	16	2.9	5	0.9
ZAMB. DEL SUR....	309	33.8	0	-	88	9.6	17	1.9

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

89

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
DAKITAN CITY....	0	-	0	-	3	4.8	0	-
DIPOLOG CITY....	20	26.8	0	-	5	6.7	2	2.7
PAGADIAN CITY....	11	11.3	0	-	8	8.2	2	2.1
ZAMBOANGA CITY...	0	-	0	-	14	3.5	7	1.7
REGION 10	291	8.7	0	-	234	7.0	67	2.0
AGUSAN DEL NORTE..	24	10.3	0	-	13	5.6	5	2.2
AGUSAN DEL SUR...	13	3.9	0	-	10	3.0	5	1.5
BUKIDNON.....	54	7.0	0	-	53	6.9	15	2.0
CAMIGUIN.....	0	-	0	-	0	-	0	-
MISAMIS OCC.....	28	10.7	0	-	11	4.2	4	1.5
MISAMIS OR.....	69	15.5	0	-	14	3.2	12	2.7
SURIGAO DEL NORTE	22	6.3	0	-	5	1.4	4	1.2
BUTUAN CITY.....	49	23.3	0	-	24	11.4	5	2.4
CAGAYAN DE ORO...	14	4.4	0	-	70	22.2	7	2.2
GINGOG CITY.....	8	8.3	0	-	18	18.7	3	3.1
OROQUIETA CITY..	10	17.9	0	-	4	7.2	3	5.4
OZAMIS CITY.....	0	-	0	-	8	8.8	1	1.1
SURIGAO CITY.....	0	-	0	-	4	4.2	3	3.2
TANCUB CITY.....	0	-	0	-	0	-	0	-
REGION 11	503	12.5	1	0.02	175	4.3	92	2.3
COTABATO SOUTH...	164	22.9	0	-	20	2.8	12	1.7
DAVAO DEL NORTE..	42	4.9	0	-	27	3.2	21	2.5
DAVAO ORIENTAL...	88	21.7	0	-	10	2.5	7	1.7
DAVAO DEL SUR....	48	8.0	0	-	15	2.5	11	1.8
SURIGAO DEL SUR..	81	17.7	1	0.2	16	3.5	10	2.2
DAVAO CITY.....	77	9.8	0	-	80	10.2	25	3.2
GEN. SANTOS CITY.	3	1.4	0	-	7	3.3	6	2.9
REGION 12	721	26.4	1	0.03	278	10.2	59	2.2
COTABATO NORTH...	212	30.6	0	-	49	7.1	9	1.3
LANAO DEL NORTE..	105	28.5	1	0.3	31	8.4	8	2.2
LANAO DEL SUR....	126	31.1	0	-	34	8.4	2	0.5
MAGUINDANAO.....	67	12.6	0	-	85	16.0	1	0.2
SULTAN KUDARAT...	200	52.2	0	-	14	3.7	8	2.1
COTABATO CITY....	1	1.0	0	-	50	49.9	20	20.0
ILIGAN CITY.....	8	4.2	0	-	10	5.2	10	5.2
MARAWI CITY.....	2	3.3	0	-	5	8.3	1	1.7

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	327	0.6	43	0.07	6336	11.0	15	0.03
NAT. CAP. REGION	46	0.6	3	0.04	1840	25.0	5	0.07
1ST DIST.....								
MANILA.....	33	1.8	2	0.1	497	27.4	2	0.1
2ND DIST. MUN...	4	0.4	1	0.1	227	22.0	1	0.1
QUEZON CITY..	8	0.5	0	-	495	33.9	1	0.07
3RD DIST. MUN...	0	-	0	-	165	23.1	0	-
CALOOCAN CITY	1	0.2	0	-	92	16.1	0	-
4TH DIST. MUN...	0	-	0	-	100	7.1	1	0.07
PASAY CITY...	0	-	0	-	264	75.7	0	-
REGION 1	56	1.4	5	0.1	528	13.2	0	-
ABRA.....	0	-	0	-	14	7.6	0	-
BENGUET.....	7	2.5	1	0.4	261	93.8	0	-
ILOCOS NORTE....	2	0.6	0	-	14	3.9	0	-
ILOCOS SUR.....	10	2.0	1	0.2	47	9.4	0	-
LA UNION.....	2	0.4	0	-	30	5.7	0	-
MT. PROVINCE....	0	-	0	-	14	12.1	0	-
PANGASINAN.....	30	1.9	2	0.1	47	2.9	0	-
BAGUIO CITY.....	0	-	0	-	96	66.7	0	-
DAGUPAN CITY....	5	4.6	1	0.9	4	3.7	0	-
LAOAG CITY.....	0	-	0	-	1	1.3	0	-
SAN CARLOS CITY.	0	-	0	-	0	-	0	-
REGION 2	7	0.3	2	0.08	330	12.4	1	0.04
BATANES.....	0	-	0	-	20	133.4	0	-
CACAYAN.....	4	0.5	1	0.1	41	4.9	1	0.1
IFUGAO.....	0	-	0	-	15	11.8	0	-
ISABELA.....	1	0.09	0	-	0	-	0	-
KALINGA-APAYAO..	1	0.05	0	-	159	71.7	0	-
NUEVA VIZCAYA...	0	-	0	-	22	7.5	0	-
QUIRINO.....	1	0.9	1	0.9	73	67.8	0	-
REGION 3	33	0.6	4	0.07	844	14.7	0	-
BATAAN.....	2	0.5	0	-	80	19.2	0	-
BULACAN.....	0	-	0	-	114	8.7	0	-
NUEVA ECLJA....	6	0.6	2	0.2	42	4.1	0	-
PAMPANGA.....	23	2.0	2	0.2	324	27.7	0	-
TARLAC.....	0	-	0	-	134	17.0	0	-
ZAMBALES.....	0	-	0	-	36	10.4	0	-
ANGELES CITY....	0	-	0	-	104	43.3	0	-
CABANATUAN CITY.	0	-	0	-	2	1.2	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
OLONGAPO CITY....	0	-	0	-	8	4.2	0	-
PALAYAN CITY.....	2	10.2	0	-	0	-	0	-
SAN JOSE CITY....	0	-	0	-	0	-	0	-
<u>REGION 4</u>	<u>25</u>	<u>0.3</u>	<u>7</u>	<u>0.09</u>	<u>698</u>	<u>9.3</u>	<u>4</u>	<u>0.05</u>
AUROMA.....	0	-	0	-	14	10.8	0	-
BATANGAS.....	4	0.4	1	0.1	78	7.5	0	-
CAVITE.....	1	0.1	0	-	228	26.7	0	-
LAGUNA.....	0	-	0	-	129	12.1	1	0.09
MARINJUQUE.....	9	4.5	2	1.0	15	7.5	0	-
MINDORO OCC.....	0	-	0	-	26	9.7	0	-
MINDORO OR.....	0	-	0	-	20	3.7	0	-
PALAWAN.....	0	-	0	-	53	13.7	0	-
QUEZON.....	5	0.4	2	0.2	14	1.1	0	-
RIZAL.....	0	-	0	-	42	5.8	0	-
ROMBLON.....	3	1.4	1	0.5	25	11.7	1	0.5
BATANGAS CITY....	0	-	0	-	5	3.0	1	0.6
CAVITE CITY.....	0	-	0	-	41	42.0	0	-
LIPA CITY.....	0	-	0	-	0	-	0	-
LUCENA CITY.....	0	-	0	-	0	-	0	-
PUERTO PRINCESA..	0	-	0	-	0	-	0	-
SAN PABLO CITY...	3	2.0	1	0.7	5	3.3	0	-
TAGAYPAY CITY....	0	-	0	-	0	-	0	-
TRECE MARTIRES...	0	-	0	-	3	28.4	1	9.5
<u>REGION 5</u>	<u>20</u>	<u>0.5</u>	<u>5</u>	<u>0.1</u>	<u>253</u>	<u>6.1</u>	<u>0</u>	<u>-</u>
ALBAY.....	6	0.7	0	-	54	6.5	0	-
CAMARINES NORTE..	0	-	0	-	3	0.8	0	-
CAMARINES SUR....	1	0.09	1	0.09	87	7.7	0	-
CATANDUANES.....	1	0.5	1	0.5	18	9.0	0	-
MASBATE.....	0	-	0	-	52	7.6	0	-
SORSOGON.....	6	1.0	2	0.3	36	6.1	0	-
IRIGA CITY.....	0	-	0	-	0	-	0	-
LEGASPI CITY.....	3	2.3	0	-	0	-	0	-
NAGA CITY.....	3	3.0	1	1.0	3	3.0	0	-
<u>REGION 6</u>	<u>15</u>	<u>0.3</u>	<u>4</u>	<u>0.08</u>	<u>294</u>	<u>5.5</u>	<u>1</u>	<u>0.02</u>
AKLAN.....	8	2.1	0	-	14	3.7	0	-
ANTIQUE.....	1	0.2	1	0.2	114	28.1	0	-
CAPIZ.....	1	0.2	1	0.2	14	2.9	0	-
ILOILO.....	0	-	0	-	47	3.4	0	-
NEGROS OCC.....	1	0.07	0	-	37	2.6	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	3	1.0	2	0.7	12	3.9	1	0.3
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	0	-	0	-	0	-	0	-
ILOILO CITY.....	0	-	0	-	30	10.9	0	-
LA CARLOTA CITY..	0	-	0	-	0	-	0	-
ROXAS CITY.....	0	-	0	-	4	4.1	0	-
SAN CARLOS CITY..	1	1.0	0	-	14	14.5	0	-
SILAY CITY.....	0	-	0	-	8	6.3	0	-
<u>REGION 7</u>	<u>49</u>	<u>1.1</u>	<u>4</u>	<u>0.09</u>	<u>282</u>	<u>6.5</u>	<u>2</u>	<u>0.05</u>
BOHOL.....	40	4.7	1	0.1	34	4.0	1	0.1
CEBU.....	4	0.3	2	0.1	121	8.8	1	0.07
NEGROS OR.....	0	-	0	-	11	1.4	0	-
SIQULJOR.....	0	-	0	-	11	14.0	0	-
BAIS CITY.....	0	-	0	-	0	-	0	-
CANLAON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	0	-	0	-	80	13.4	0	-
DANAO CITY.....	0	-	0	-	0	-	0	-
DUMAGUETE CITY...	0	-	0	-	4	5.3	0	-
LAPU-LAPU CITY...	0	-	0	-	3	2.5	0	-
MANDAWE CITY.....	0	-	0	-	4	2.5	0	-
TAGBILARAN CITY..	5	10.5	1	2.1	0	-	0	-
TOLEDO CITY.....	0	-	0	-	14	12.7	0	-
<u>REGION 8</u>	<u>5</u>	<u>0.2</u>	<u>0</u>	<u>-</u>	<u>163</u>	<u>5.1</u>	<u>0</u>	<u>-</u>
LEYTE DEL NORTE..	0	-	0	-	52	4.2	0	-
LEYTE DEL SUR....	5	1.4	0	-	18	5.1	0	-
EASTERN SAMAR....	0	-	0	-	75	20.1	0	-
NORTHERN SAMAR...	0	-	0	-	0	-	0	-
WESTERN SAMAR....	0	-	0	-	12	2.9	0	-
CALBAYOG CITY....	0	-	0	-	0	-	0	-
ORMOC CITY.....	0	-	0	-	4	3.2	0	-
TACLOBAN CITY....	0	-	0	-	2	1.6	0	-
<u>REGION 9</u>	<u>9</u>	<u>0.3</u>	<u>1</u>	<u>0.03</u>	<u>277</u>	<u>9.3</u>	<u>0</u>	<u>-</u>
BASILAN.....	2	0.8	0	-	25	10.4	0	-
SULU.....	3	0.7	0	-	34	8.1	0	-
TAWI-TAWI.....	0	-	0	-	5	2.2	0	-
ZAMB. DEL NORTE..	3	0.5	1	0.2	79	14.3	0	-
ZAMB. DEL SUR....	1	0.1	0	-	61	6.7	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
DAPITAN CITY.....	0	-	0	-	73	116.7	0	-
DIPOLOG CITY.....	0	-	0	-	0	-	0	-
PAGADIAN CITY.....	0	-	0	-	0	-	0	-
ZAMBOANGA CITY....	0	-	0	-	0	-	0	-
<u>REGION 10</u>	<u>34</u>	<u>1.0</u>	<u>7</u>	<u>0.2</u>	<u>215</u>	<u>6.4</u>	<u>1</u>	<u>0.03</u>
AGUSAN DEL NORTE..	5	2.2	1	0.4	25	10.8	0	-
AGUSAN DEL SUR....	0	-	0	-	11	3.3	0	-
BUKITNON.....	7	0.9	2	0.3	34	4.4	0	-
CAMIGUIN.....	0	-	0	-	0	-	0	-
MISAMIS OCC.....	1	0.4	0	-	7	2.7	0	-
MISAMIS OR.....	0	-	0	-	23	5.2	0	-
SURIGAO DEL NORTE	5	1.4	1	0.3	22	6.3	1	0.3
BUTUAN CITY.....	2	1.0	1	0.5	42	20.0	0	-
CAGAYAN DE ORO....	3	1.0	0	-	17	5.4	0	-
GINGOG CITY.....	0	-	0	-	5	5.2	0	-
OROQUIETA CITY....	0	-	0	-	0	-	0	-
OZAMIS CITY.....	11	12.2	2	2.2	26	28.7	0	-
SURIGAO CITY.....	0	-	0	-	0	-	0	-
TANGUB CITY.....	0	-	0	-	3	6.8	0	-
<u>REGION 11</u>	<u>8</u>	<u>0.2</u>	<u>1</u>	<u>0.02</u>	<u>237</u>	<u>5.9</u>	<u>1</u>	<u>0.02</u>
COTABATO SOUTH....	0	-	0	-	109	15.2	1	0.1
DAVAO DEL NORTE..	0	-	0	-	10	1.2	0	-
DAVAO ORIENTAL....	0	-	0	-	10	2.5	0	-
DAVAO DEL SUR....	2	0.3	0	-	34	5.6	0	-
SURIGAO DEL SUR..	5	1.1	1	0.2	43	9.4	0	-
DAVAO CITY.....	1	0.1	0	-	27	3.4	0	-
GEN. SANTOS CITY..	0	-	0	-	4	1.9	0	-
<u>REGION 12</u>	<u>20</u>	<u>0.7</u>	<u>0</u>	<u>-</u>	<u>375</u>	<u>13.7</u>	<u>0</u>	<u>-</u>
COTABATO NORTH....	10	1.4	0	-	44	6.3	0	-
LANAO DEL NORTE..	0	-	0	-	24	6.5	0	-
LANAO DEL SUR....	0	-	0	-	123	30.3	0	-
MAGUINDANAO.....	9	1.7	0	-	118	22.2	0	-
SULTAN KUDARAT....	0	-	0	-	1	0.3	0	-
COTABATO CITY.....	1	1.0	0	-	2	2.0	0	-
ILIGAN CITY.....	0	-	0	-	62	32.4	0	-
MARAWI CITY.....	0	-	0	-	1	1.7	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A-R-E-A	Measles (055)				H - Fever (061-065)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
PHILIPPINES.....	81896	142.8	12431	21.7	1696	3.0	243	0.4
NAT. CAP. REGION..	10067	136.9	2055	27.9	385	5.2	50	0.7
1ST DIST.....								
MANILA.....	3690	203.5	421	23.2	211	11.6	20	1.1
2ND DIST. MUN.....	626	60.6	247	23.9	21	2.0	8	0.8
QUEZON CITY.....	3199	218.8	464	31.7	108	7.4	6	0.4
3RD DIST. MUN.....	582	81.6	270	37.9	0	-	0	-
CALOOCAN CITY..	370	64.6	154	26.9	15	2.6	7	1.2
4TH DIST. MUN.....	1133	80.3	410	29.1	14	1.0	4	0.3
PASAY CITY.....	467	133.8	89	25.5	16	4.6	5	1.4
REGION 1	8091	201.7	909	22.7	74	1.8	10	0.2
ABRA.....	632	343.9	20	10.9	1	0.5	0	-
BENGUET.....	1617	530.3	81	29.1	2	0.7	1	0.4
ILOCOS NORTE.....	1135	312.8	15	4.1	1	0.3	0	-
ILOCOS SUR.....	840	167.6	73	14.6	0	-	0	-
LA UNION.....	1148	218.2	85	16.2	22	4.2	5	1.0
MT. PROVINCE.....	727	627.5	25	21.6	5	4.3	1	0.9
PANGASINAN.....	1127	70.4	436	27.2	41	2.6	2	0.1
DAGUIO CITY.....	657	456.7	22	15.3	0	-	0	-
DACUPAN CITY.....	110	100.7	109	99.8	0	-	0	-
LAOAG CITY.....	67	89.4	18	24.0	2	2.7	1	1.3
SAN CARLOS CITY...	30	26.3	25	21.9	0	-	0	-
REGION 2	4039	152.3	598	22.5	11	0.4	7	0.3
BATANES.....	3	20.0	0	-	0	-	0	-
CAGAYAN.....	1458	175.7	243	29.3	4	0.5	4	0.5
IFUGAO.....	335	263.1	33	25.9	3	2.4	1	0.8
ISABELA.....	582	55.1	193	18.3	4	0.4	2	0.2
KALINGA-APAYAO....	494	222.7	39	17.6	0	-	0	-
NUEVA VIZCAYA.....	575	194.8	47	15.9	0	-	0	-
QUIRINO.....	592	550.0	43	40.0	0	-	0	-
REGION 3	6737	117.1	922	16.0	84	1.5	14	0.2
BATAAN.....	775	185.9	38	9.1	18	4.3	1	0.2
BULACAN.....	2300	175.4	312	23.8	9	0.7	6	0.5
NUEVA ECIJA.....	651	63.3	129	12.5	5	0.5	0	-
PAMPANGA.....	1165	99.6	117	10.0	8	0.7	1	0.09
TARLAC.....	783	99.5	75	9.5	6	0.8	2	0.3
ZAMBALES.....	364	105.1	71	20.5	11	3.2	1	0.3
ANGELES CITY.....	297	123.7	45	18.7	2	0.8	1	0.4
CABANATUAN CITY...	95	56.1	57	33.7	0	-	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

95

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
OLONGAPO CITY.....	252	133.1	60	31.7	23	12.1	1	0.5
PALAYAN CITY.....	0	-	0	-	0	-	0	-
SAN JOSE CITY.....	55	75.7	18	24.8	2	2.8	1	1.4
<u>REGION 4</u>	<u>6987</u>	<u>93.3</u>	<u>1739</u>	<u>23.2</u>	<u>124</u>	<u>1.7</u>	<u>33</u>	<u>0.4</u>
AURORA.....	375	288.1	69	53.0	0	-	0	-
BATANGAS.....	1218	117.0	43	4.1	7	0.7	3	0.3
CAVITE.....	777	90.9	136	15.9	21	2.5	4	0.5
LAGUNA.....	645	60.7	139	13.1	7	0.7	4	0.4
MARINDUQUE.....	425	213.4	67	33.6	12	6.0	1	0.5
MINDORO OCC.....	522	193.8	38	14.1	3	1.1	2	0.7
MINDORO OR.....	324	59.3	112	20.5	12	2.2	1	0.2
PALAWAN.....	1089	281.5	69	17.8	2	0.5	1	0.3
QUEZON.....	692	54.9	500	39.6	1	0.08	0	-
RYZAL.....	330	45.9	241	33.5	4	0.6	3	0.4
ROMBLON.....	306	142.7	73	34.0	28	13.1	0	-
BATANGAS CITY.....	20	11.8	14	8.3	4	2.4	2	1.2
CAVITE CITY.....	30	30.8	27	27.7	10	10.3	2	2.1
LIPA CITY.....	30	21.1	23	16.2	8	5.6	6	4.2
LUCENA CITY.....	100	73.7	95	70.0	0	-	0	-
PUERTO PRINCESA.....	30	38.5	28	35.9	0	-	0	-
SAN PABLO CITY.....	50	33.3	45	30.0	5	3.3	4	2.7
TAGAYTAY CITY.....	4	19.3	2	9.6	0	-	0	-
TRECE MARTIRES.....	20	189.1	18	170.1	0	-	0	-
<u>REGION 5</u>	<u>8480</u>	<u>206.1</u>	<u>1794</u>	<u>43.6</u>	<u>169</u>	<u>4.1</u>	<u>10</u>	<u>0.2</u>
ALBAY.....	985	118.6	376	45.3	44	5.3	1	0.1
CAMARINES NORTE.....	721	194.7	406	109.6	2	0.5	0	-
CAMARINES SUR.....	3649	321.5	518	45.6	65	5.7	1	0.09
CATANDUANES.....	1000	499.3	62	31.0	5	2.5	1	0.5
MASBATE.....	1407	205.3	67	9.8	32	4.7	2	0.3
SORSOGON.....	480	80.8	205	34.5	3	0.5	2	0.3
IRIGA CITY.....	55	76.8	52	72.6	0	-	0	-
LEGASPI CITY.....	98	76.1	56	43.5	13	10.1	1	0.8
NAGA CITY.....	85	85.7	52	52.4	5	5.0	2	2.0
<u>REGION 6</u>	<u>6250</u>	<u>117.4</u>	<u>911</u>	<u>17.1</u>	<u>68</u>	<u>1.3</u>	<u>19</u>	<u>0.4</u>
AKLAN.....	607	160.1	56	14.8	5	1.3	3	0.8
ANTIQUE.....	1698	418.2	239	58.9	3	0.7	0	-
CAPIZ.....	738	151.0	57	11.7	1	0.2	0	-
ILOILO.....	1325	95.7	128	9.2	10	0.7	3	0.2
NEGROS OCC.....	914	63.1	194	13.4	12	0.8	3	0.2

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
BACOLOD CITY.....	178	58.2	49	16.0	10	3.3	5	1.6
BAGO CITY.....	36	29.8	9	7.5	0	-	0	-
CADIZ CITY.....	23	16.6	10	7.2	0	-	0	-
ILOILO CITY.....	284	102.7	70	25.3	18	6.5	3	1.1
LA CARLOTA CITY...	20	36.8	2	3.7	3	5.5	0	-
ROXAS CITY.....	125	128.7	57	58.7	6	6.2	2	2.1
SAN CARLOS CITY...	268	277.1	22	22.7	0	-	0	-
SILAY CITY.....	34	26.7	18	14.2	0	-	0	-
<u>REGION 7</u>	<u>3617</u>	<u>82.9</u>	<u>652</u>	<u>14.9</u>	<u>271</u>	<u>6.2</u>	<u>40</u>	<u>0.9</u>
BOHOL.....	522	61.2	108	12.7	12	1.4	10	1.2
CEBU.....	1044	75.9	120	8.7	57	4.1	4	0.3
NEGROS OR.....	1190	149.3	62	7.8	3	0.4	2	0.3
SIQULJOR.....	60	76.6	0	-	1	1.3	0	-
BAIS CITY.....	27	49.3	2	3.6	0	-	0	-
CANLAON CITY.....	16	50.2	5	15.7	0	-	0	-
CEBU CITY.....	337	56.6	250	42.0	122	20.5	16	2.7
DANAO CITY.....	4	6.1	2	3.1	0	-	0	-
DUMAGUETE CITY....	121	160.0	19	25.1	23	30.4	2	2.6
LAPU-LAPU CITY....	144	118.9	7	5.8	4	3.3	1	0.8
MANDAWE CITY.....	40	25.2	38	23.9	4	2.5	1	0.6
TAGBILARAN CITY...	34	71.1	4	8.4	6	12.5	2	4.2
TOLEDO CITY.....	78	70.8	35	31.8	39	35.4	2	1.8
<u>REGION 8</u>	<u>9021</u>	<u>283.2</u>	<u>1115</u>	<u>35.0</u>	<u>28</u>	<u>0.9</u>	<u>12</u>	<u>0.4</u>
LEYTE DEL NORTE...	2320	189.2	507	41.3	8	0.7	5	0.4
LEYTE DEL SUR.....	388	120.6	34	9.7	5	1.4	1	0.3
EASTERN SAMAR.....	1412	377.7	91	24.3	0	-	0	-
NORTHERN SAMAR....	2063	456.4	114	25.2	2	0.4	1	0.2
WESTERN SAMAR.....	2026	493.8	69	16.8	3	0.7	1	0.2
CALBAYOG CITY.....	209	175.2	88	73.8	3	2.5	1	0.8
ORMOC CITY.....	386	309.8	70	56.2	2	1.6	0	-
TACLOBAN CITY.....	217	169.3	142	110.8	5	3.9	3	2.3
<u>REGION 9</u>	<u>3989</u>	<u>133.2</u>	<u>341</u>	<u>11.4</u>	<u>39</u>	<u>1.3</u>	<u>1</u>	<u>0.03</u>
BASILAN.....	52	21.5	12	5.0	29	12.0	0	-
SULU.....	864	205.2	39	9.3	0	-	0	-
TAWI-TAWI.....	77	33.8	0	-	0	-	0	-
ZAMB. DEL NORTE...	1092	198.2	62	11.3	4	0.7	0	-
ZAMB. DEL SUR.....	1308	143.2	73	8.0	4	0.4	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

97

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.....	171	273.5	13	20.8	0	-	0	-
DIPOLOG CITY.....	66	88.5	50	67.1	0	-	0	-
PAGADIAN CITY.....	18	18.5	15	15.4	2	2.1	1	1.0
ZAMBOANGA CITY....	341	84.1	77	19.0	0	-	0	-
<u>REGION 10</u>	<u>4558</u>	<u>136.1</u>	<u>544</u>	<u>16.2</u>	<u>31</u>	<u>0.9</u>	<u>6</u>	<u>0.2</u>
AGUSAN DEL NORTE..	435	187.1	37	15.9	0	-	0	-
AGUSAN DEL SUR....	437	132.6	25	7.6	0	-	0	-
BUKIDNON.....	829	108.2	21	2.7	8	1.0	2	0.3
CAMIGUIN.....	23	37.2	9	14.5	0	-	0	-
MISAMIS OCC.....	223	85.5	51	19.5	2	0.8	0	-
MISAMIS OR.....	261	58.7	62	14.0	0	-	0	-
SURIGAO DEL NORTE.	602	173.2	66	19.0	5	1.4	1	0.3
BUTUAN CITY.....	342	163.0	92	43.8	2	1.0	1	0.5
CAGAYAN DE ORO....	639	202.8	50	15.9	12	3.8	1	0.3
GINGOOG CITY.....	307	319.0	37	38.4	0	-	0	-
OROQUIETA CITY....	76	136.0	5	8.9	0	-	0	-
OZAMIS CITY.....	342	378.1	52	57.5	2	2.2	1	1.1
SURIGAO CITY.....	32	33.6	30	31.5	0	-	0	-
TANGUB CITY.....	10	22.5	7	15.8	0	-	0	-
<u>REGION 11</u>	<u>5100</u>	<u>126.5</u>	<u>606</u>	<u>15.0</u>	<u>207</u>	<u>5.1</u>	<u>28</u>	<u>0.7</u>
COTABATO SOUTH....	1186	165.8	167	23.3	8	1.1	5	0.7
DAVAO DEL NORTE...	877	102.8	75	8.8	4	0.5	3	0.4
DAVAO ORIENTAL....	1148	282.6	39	9.6	4	1.0	2	0.5
DAVAO DEL SUR.....	402	66.6	35	5.8	93	15.4	5	0.8
SURIGAO DEL SUR...	752	164.1	99	21.6	0	-	0	-
DAVAO CITY.....	510	64.9	108	13.8	94	12.0	10	1.3
GEN. SANTOS CITY..	225	106.9	83	39.4	4	1.9	3	1.4
<u>REGION 12</u>	<u>4960</u>	<u>181.5</u>	<u>245</u>	<u>9.0</u>	<u>205</u>	<u>7.5</u>	<u>13</u>	<u>0.5</u>
COTABATO NORTH....	1182	170.4	51	7.4	6	0.9	2	0.3
LANAO DEL NORTE...	1090	296.1	61	16.6	43	11.7	1	0.3
LANAO DEL SUR.....	589	145.3	2	0.5	1	0.2	0	-
MAGUINDANAO.....	1113	209.5	3	0.6	27	5.1	0	-
SULTAN KUDARAT....	190	49.6	10	2.6	2	0.5	1	0.3
COTABATO CITY.....	372	371.5	26	26.0	58	57.9	6	6.0
ILIGAN CITY.....	420	219.5	90	47.0	67	35.0	3	1.6
MARAWI CITY.....	4	6.7	2	3.3	1	1.7	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	16084	28.0	817	1.4	121097	211.1	1226	2.1
NAT. CAP. REGION.	1446	19.7	122	1.7	158	2.1	37	0.5
1ST DIST.....								
MANILA.....	408	22.5	44	2.4	98	5.4	24	1.3
2ND DIST. MUN....	97	9.4	12	1.2	6	0.6	5	0.5
QUEZON CITY....	355	24.3	23	1.6	49	3.4	7	0.5
3RD DIST. MUN....	73	10.2	3	0.4	0	-	0	-
CALOOCAN CITY..	118	20.6	21	3.7	0	-	0	-
4TH DIST. MUN....	247	17.5	16	1.1	5	0.4	1	0.07
PASAY CITY.....	148	42.4	3	0.9	0	-	0	-
REGION 1	1486	37.0	56	1.4	2146	53.5	24	0.6
ABRA.....	38	20.7	2	1.1	63	34.3	1	0.5
BENGUET.....	81	29.1	4	1.4	104	37.4	1	0.4
ILOCOS NORTE....	149	41.0	4	1.1	152	41.9	3	0.8
ILOCOS SUR.....	184	36.7	3	0.6	56	11.2	2	0.4
LA UNION.....	308	58.5	7	1.3	68	12.9	1	0.2
MT. PROVINCE....	46	39.7	0	-	1270	1096.2	4	3.5
PANGASINAN.....	417	26.0	20	1.2	370	23.1	7	0.4
BAGUIO CITY.....	205	142.5	5	3.5	57	39.6	2	1.4
DAGUPAN CITY....	51	46.7	8	7.3	2	1.8	1	0.9
LAOAG CITY.....	4	5.3	2	2.7	4	5.3	2	2.7
SAN CARLOS CITY..	3	2.6	1	0.9	0	-	0	-
REGION 2	597	22.5	35	1.3	30873	1164.1	332	12.5
BATANES.....	112	747.3	1	6.7	44	293.6	1	6.7
CAGAYAN.....	292	35.2	16	1.9	7704	928.5	93	11.2
IFUGAO.....	8	6.3	0	-	992	779.1	9	7.1
ISABELA.....	63	6.0	12	1.1	6746	639.2	144	13.6
KALINGA-APAYAO....	71	32.0	0	-	5554	2503.5	29	13.1
NUEVA VIZCAYA....	17	5.8	5	1.7	3930	1331.1	38	12.9
QUIRINO.....	34	31.6	1	0.9	5903	5484.4	18	16.7
REGION 3	1112	19.3	83	1.4	6102	106.1	43	0.7
BATAAN.....	139	33.3	7	1.7	1542	369.9	14	3.4
BULACAN.....	230	17.5	20	1.5	805	61.4	1	0.07
NUEVA ECLJA.....	121	11.8	23	2.2	1773	172.3	5	0.5
PAMPANGA.....	236	20.2	9	0.8	387	33.1	1	0.08
TARLAC.....	140	17.8	7	0.9	343	43.6	3	0.4
ZAMBALES.....	81	23.4	2	0.6	726	209.5	4	1.2
ANGELES CITY....	59	24.6	0	-	0	-	0	-
CABANATUAN CITY..	6	3.5	4	2.4	17	10.0	6	3.5

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
OLONGAPO CITY....	74	39.1	6	3.2	360	190.2	7	3.7
PALAYAN CITY.....	0	-	0	-	93	473.8	0	-
SAN JOSE CITY....	26	35.8	5	6.9	56	77.0	2	2.8
<u>REGION 4</u>	<u>1971</u>	<u>26.3</u>	<u>135</u>	<u>1.8</u>	<u>21357</u>	<u>285.2</u>	<u>287</u>	<u>3.8</u>
AURORA.....	83	63.8	8	6.1	1614	1239.9	40	30.7
BATANGAS.....	295	28.3	5	0.5	68	6.5	0	-
CAVITE.....	288	33.7	14	1.6	21	2.5	0	-
LAGUNA.....	143	13.5	15	1.4	229	21.6	10	0.9
MARINDUQUE.....	87	43.7	9	4.5	27	13.6	0	-
MINDORO OCC.....	229	85.0	6	2.2	3301	1225.7	15	5.6
MINDORO OR.....	119	21.8	18	3.3	547	100.2	4	0.7
PALAWAN.....	304	78.6	2	0.5	10454	2702.6	135	34.9
QUEZON.....	161	12.8	30	2.4	2351	186.4	43	3.4
RIZAL.....	43	6.0	8	1.1	616	85.6	8	1.1
ROMBLON.....	140	65.3	6	2.8	34	15.9	1	0.5
BATANGAS CITY....	10	5.9	1	0.6	3	1.8	1	0.6
CAVITE CITY.....	6	6.2	1	1.0	0	-	0	-
LIPA CITY.....	5	3.5	1	0.7	0	-	0	-
LUCENA CITY.....	7	5.2	3	2.2	15	11.0	10	7.4
PUERTO PRINCESA..	30	38.5	2	2.6	1987	2547.3	18	23.1
SAN PABLO CITY...	10	6.7	3	2.0	85	56.6	0	-
TAGAYTAY CITY....	6	28.9	0	-	0	-	0	-
TRECE MARTIRES...	5	47.3	3	28.4	5	47.3	2	18.9
<u>REGION 5</u>	<u>1033</u>	<u>25.1</u>	<u>68</u>	<u>1.7</u>	<u>2873</u>	<u>69.8</u>	<u>17</u>	<u>0.4</u>
ALBAY.....	85	10.2	4	0.5	21	2.5	0	-
CAMARINES NORTE..	162	43.7	11	3.0	2034	549.2	15	4.1
CAMARINES SUR....	266	23.4	21	1.9	764	67.3	2	0.2
CATANDUANES.....	142	70.9	5	2.5	0	-	0	-
MASBATE.....	203	29.6	9	1.3	1	0.1	0	-
SORSOGON.....	154	25.9	11	1.9	53	8.9	0	-
IRIGA CITY.....	5	7.0	3	4.2	0	-	0	-
LEGASPI CITY.....	11	8.5	1	0.8	0	-	0	-
NAGA CITY.....	5	5.0	3	3.0	0	-	0	-
<u>REGION 6</u>	<u>1471</u>	<u>27.6</u>	<u>66</u>	<u>1.2</u>	<u>49</u>	<u>0.9</u>	<u>6</u>	<u>0.1</u>
AKLAN.....	261	68.9	6	1.6	2	0.5	0	-
ANTIQUE.....	149	36.7	5	1.2	2	0.5	1	0.2
CAPIZ.....	162	33.1	1	0.2	7	1.4	1	0.2
ILOILO.....	313	22.6	14	1.0	5	0.4	0	-
NEGROS OCC.....	224	15.5	17	1.2	25	1.7	1	0.06

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	31	10.1	6	2.0	7	2.3	3	1.0
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	4	2.9	0	-	0	-	0	-
ILOILO CITY.....	245	38.6	6	2.2	0	-	0	-
LA CARLOTA CITY...	13	23.9	0	-	0	-	0	-
ROXAS CITY.....	31	31.9	2	2.1	0	-	0	-
SAN CARLOS CITY...	15	15.5	5	5.2	1	1.0	0	-
SILAY CITY.....	23	18.1	4	3.1	0	-	0	-
<u>REGION 7</u>	<u>919</u>	<u>21.1</u>	<u>45</u>	<u>1.0</u>	<u>905</u>	<u>20.7</u>	<u>9</u>	<u>0.2</u>
BOHOL.....	196	23.0	9	1.1	7	0.8	1	0.1
CEBU.....	406	29.5	13	0.9	11	0.8	0	-
NEGROS OR.....	81	10.2	2	0.3	877	110.0	3	0.4
SIQUJOR.....	34	43.4	0	-	3	3.8	0	-
BAIS CITY.....	4	7.3	3	5.5	0	-	0	-
CANLAON CITY.....	7	22.0	0	-	0	-	0	-
CEBU CITY.....	123	20.6	7	1.2	4	0.7	2	0.3
DANAO CITY.....	0	-	0	-	0	-	0	-
DUMAGUETE CITY....	21	27.8	8	10.6	3	4.0	3	4.0
LAPU-LAPU CITY....	11	9.1	1	0.8	0	-	0	-
MANDAWE CITY.....	5	3.1	0	-	0	-	0	-
TAGBILARAN CITY...	6	12.5	1	2.1	0	-	0	-
TOLEDO CITY.....	25	22.7	1	0.9	0	-	0	-
<u>REGION 8</u>	<u>818</u>	<u>25.7</u>	<u>34</u>	<u>1.1</u>	<u>989</u>	<u>31.0</u>	<u>8</u>	<u>0.3</u>
LEYTE DEL NORTE...	357	29.1	19	1.5	20	1.6	1	0.08
LEYTE DEL SUR.....	204	58.1	4	1.1	9	2.6	0	-
EASTERN SAMAR.....	28	7.5	2	0.5	724	193.7	3	0.8
NORTHERN SAMAR....	121	26.8	4	0.9	4	0.9	2	0.4
WESTERN SAMAR.....	45	11.0	1	0.2	228	55.6	0	-
CALBAYOG CITY.....	14	11.7	0	-	0	-	0	-
ORMOC CITY.....	28	22.5	0	-	0	-	0	-
TACLOBAN CITY.....	21	16.4	4	3.1	4	3.1	2	1.6
<u>REGION 9</u>	<u>1129</u>	<u>37.7</u>	<u>35</u>	<u>1.2</u>	<u>29584</u>	<u>988.0</u>	<u>124</u>	<u>4.1</u>
BASILAN.....	24	9.9	3	1.2	436	180.6	10	4.1
SULU.....	22	5.2	3	0.7	10423	2475.3	38	9.0
TAWI-TAWI.....	9	3.9	0	-	6214	2726.5	1	0.4
ZAMB. DEL NORTE...	473	85.9	2	0.4	4557	827.2	26	4.7
ZAMB. DEL SUR.....	452	49.5	10	1.1	5714	625.6	23	2.5

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A 1	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.....	68	108.7	0	-	156	249.5	5	8.0
DIPOLOG CITY.....	4	5.4	1	1.3	60	80.5	4	5.4
PAGADIAN CITY.....	19	19.5	1	1.0	29	29.8	3	3.1
ZAMBOANGA CITY.....	58	14.3	15	3.7	1995	492.3	14	3.5
<u>REGION 10</u>	<u>1759</u>	<u>52.5</u>	<u>79</u>	<u>2.4</u>	<u>9657</u>	<u>288.3</u>	<u>144</u>	<u>4.3</u>
AGUSAN DEL NORTE..	216	92.9	1	0.4	3016	1297.4	17	7.3
AGUSAN DEL SUR....	149	45.2	7	2.1	1456	441.8	23	7.0
BUKIDNON.....	213	27.8	9	1.2	1168	152.5	9	1.2
CAMIGUIN.....	12	19.4	6	9.7	10	16.2	1	1.6
MISAMIS OCC.....	136	52.1	2	0.8	127	48.7	1	0.4
MISAMIS OR.....	237	53.3	7	1.6	462	104.0	10	2.3
SURIGAO DEL NORTE..	111	31.9	5	1.4	281	80.9	1	0.3
BUTUAN CITY.....	149	71.0	16	7.6	447	213.0	22	10.5
CAGAYAN DE ORO....	166	52.7	14	4.4	193	61.2	5	1.6
GINGOOG CITY.....	44	45.7	2	2.1	2438	2533.4	46	47.8
OROQUIETA CITY....	90	161.1	1	1.8	2	3.6	0	-
OZAMIS CITY.....	231	255.4	7	7.7	5	5.5	2	2.2
SURIGAO CITY.....	0	-	0	-	52	54.6	7	7.4
TANGUB CITY.....	5	11.3	2	4.5	0	-	0	-
<u>REGION 11</u>	<u>1533</u>	<u>38.0</u>	<u>40</u>	<u>1.0</u>	<u>13410</u>	<u>332.6</u>	<u>132</u>	<u>3.3</u>
COTABATO SOUTH....	416	58.2	5	0.7	1348	188.4	1	0.1
DAVAO DEL NORTE....	113	13.2	5	0.6	5059	592.8	40	4.7
DAVAO ORIENTAL....	214	52.7	2	0.5	2778	683.9	7	1.7
DAVAO DEL SUR.....	184	30.5	5	0.8	765	126.8	6	1.0
SURIGAO DEL SUR....	436	95.2	8	1.7	3234	705.9	51	11.1
DAVAO CITY.....	94	12.0	12	1.5	217	27.6	21	2.7
GEN. SANTOS CITY..	76	36.1	3	1.4	9	4.3	6	2.9
<u>REGION 12</u>	<u>810</u>	<u>29.6</u>	<u>19</u>	<u>0.7</u>	<u>2994</u>	<u>109.5</u>	<u>63</u>	<u>2.3</u>
COTABATO NORTH....	103	14.8	5	0.7	361	52.0	7	1.0
LANAO DEL NORTE....	292	79.3	3	0.8	1080	293.4	12	3.3
LANAO DEL SUR.....	62	15.3	0	-	230	56.7	8	2.0
MAGUINDANAO.....	101	19.0	1	0.2	682	128.4	1	0.2
SULTAN KUDARAT....	121	31.6	4	1.0	434	113.3	11	2.9
COTABATO CITY.....	28	28.0	2	2.0	99	98.9	8	8.0
ILIGAN CITY.....	102	53.3	4	2.1	108	56.4	16	8.4
MARAWI CITY.....	1	1.7	0	-	0	-	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

AREA	Syphilis (090-097)				Gonococcal Infection (098)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
PHILIPPINES.....	62	0.1	9	0.02	11361	19.8	0	-
NAT. CAP. REGION.	4	0.05	1	0.01	1043	14.2	0	-
1ST DIST.....								
MANILA.....	0	-	0	-	717	39.5	0	-
2ND DIST. MUN....	0	-	0	-	12	1.2	0	-
QUEZON CITY...	4	0.3	1	0.07	150	10.7	0	-
3RD DIST. MUN....	0	-	0	-	12	1.7	0	-
CALOOCAN CITY..	0	-	0	-	0	-	0	-
4TH DIST. MUN....	0	-	0	-	45	3.2	0	-
PASAY CITY.....	0	-	0	-	107	30.7	0	-
REGION 1	0	-	0	-	57	1.4	0	-
ABRA.....	0	-	0	-	0	-	0	-
BENGUET.....	0	-	0	-	0	-	0	-
ILOCOS NORTE....	0	-	0	-	0	-	0	-
ILOCOS SUR.....	0	-	0	-	0	-	0	-
LA UNION.....	0	-	0	-	5	1.0	0	-
MT. PROVINCE....	0	-	0	-	0	-	0	-
PANGASINAN.....	0	-	0	-	42	2.6	0	-
BAGUIO CITY.....	0	-	0	-	10	7.0	0	-
DAGUPAN CITY....	0	-	0	-	0	-	0	-
LAOAG CITY.....	0	-	0	-	0	-	0	-
SAN CARLOS CITY..	0	-	0	-	0	-	0	-
REGION 2	0	-	0	-	260	9.8	0	-
BATANES.....	0	-	0	-	0	-	0	-
CAGAYAN.....	0	-	0	-	51	6.1	0	-
IFUGAO.....	0	-	0	-	0	-	0	-
ISABELA.....	0	-	0	-	0	-	0	-
KALINGA-APAYAO...	0	-	0	-	0	-	0	-
NUEVA VIZCAYA....	0	-	0	-	207	70.1	0	-
QUIRINO.....	0	-	0	-	2	1.9	0	-
REGION 3	23	0.4	4	0.07	5513	95.9	0	-
BATAAN.....	4	1.0	1	0.2	3	0.7	0	-
BULACAN.....	3	0.2	1	0.08	2	0.2	0	-
NUEVA ECIJA.....	2	0.2	0	-	86	8.4	0	-
PAMPANGA.....	3	0.7	2	0.2	305	26.1	0	-
TARLAC.....	0	-	0	-	7	0.9	0	-
ZAMBALES.....	6	1.7	0	-	888	256.3	0	-
ANGELES CITY.....	0	-	0	-	380	158.3	0	-
CABANATUAN CITY..	0	-	0	-	270	159.5	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

103

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
OLONGAPO CITY.....	0	-	0	-	3572	1886.8	0	-
PALAYAN CITY.....	0	-	0	-	0	-	0	-
SAN JOSE CITY.....	0	-	0	-	0	-	0	-
<u>REGION 4</u>	<u>3</u>	<u>0.04</u>	<u>0</u>	<u>-</u>	<u>197</u>	<u>2.6</u>	<u>0</u>	<u>-</u>
AURORA.....	0	-	0	-	1	0.8	0	-
BATANGAS.....	0	-	0	-	2	0.2	0	-
CAVITE.....	0	-	0	-	44	5.1	0	-
LAGUNA.....	0	-	0	-	4	0.4	0	-
MARINDUQUE.....	0	-	0	-	0	-	0	-
MINDORO OCC.....	1	0.4	0	-	4	1.5	0	-
MINDORO OR.....	2	0.4	0	-	0	-	0	-
PALAWAN.....	0	-	0	-	40	10.3	0	-
QUEZON.....	0	-	0	-	10	0.8	0	-
RIZAL.....	0	-	0	-	36	5.0	0	-
ROMBLON.....	0	-	0	-	2	0.9	0	-
BATANGAS CITY.....	0	-	0	-	0	-	0	-
CAVITE CITY.....	0	-	0	-	43	44.1	0	-
LIPA CITY.....	0	-	0	-	0	-	0	-
LUCENA CITY.....	0	-	0	-	0	-	0	-
PUERTO PRINCESA...	0	-	0	-	10	12.8	0	-
SAN PABLO CITY.....	0	-	0	-	1	0.7	0	-
TAGAYTAY CITY.....	0	-	0	-	0	-	0	-
TRECE MARTIRES....	0	-	0	-	0	-	0	-
<u>REGION 5</u>	<u>6</u>	<u>0.1</u>	<u>1</u>	<u>0.02</u>	<u>31</u>	<u>0.8</u>	<u>0</u>	<u>-</u>
ALBAY.....	2	0.2	1	0.1	0	-	0	-
CAMARINES NORTE...	0	-	0	-	0	-	0	-
CAMARINES SUR.....	0	-	0	-	3	0.3	0	-
CATANDUANES.....	0	-	0	-	0	-	0	-
MASBATE.....	4	0.6	0	-	28	4.1	0	-
SORSOGON.....	0	-	0	-	0	-	0	-
IRIGA CITY.....	0	-	0	-	0	-	0	-
LEGASPI CITY.....	0	-	0	-	0	-	0	-
NAGA CITY.....	0	-	0	-	0	-	0	-
<u>REGION 6</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>	<u>675</u>	<u>12.7</u>	<u>0</u>	<u>-</u>
AKLAN.....	0	-	0	-	1	0.3	0	-
ANTIQUE.....	0	-	0	-	25	6.2	0	-
CAPIZ.....	0	-	0	-	6	1.2	0	-
ILOILO.....	0	-	0	-	28	2.0	0	-
NEGROS OCC.....	0	-	0	-	2	0.1	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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	-	62	20.3	0	-
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	0	-	0	-	0	-	0	-
ILOILO CITY.....	0	-	0	-	385	139.3	0	-
LA CARLOTA CITY...	0	-	0	-	0	-	0	-
ROXAS CITY.....	0	-	0	-	166	170.9	0	-
SAN CARLOS CITY...	0	-	0	-	0	-	0	-
SILAY CITY.....	0	-	0	-	0	-	0	-
<u>REGION 7</u>	<u>1</u>	<u>0.02</u>	<u>1</u>	<u>0.02</u>	<u>334</u>	<u>0.2</u>	<u>0</u>	-
BOHOL.....	0	-	0	-	0	-	0	-
CEBU.....	1	0.07	1	0.07	55	4.0	0	-
NEGROS OR.....	0	-	0	-	2	0.3	0	-
SIQUIJOR.....	0	-	0	-	0	-	0	-
BAIS CITY.....	0	-	0	-	0	-	0	-
CANLAON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	0	-	0	-	250	42.0	0	-
LANAO CITY.....	0	-	0	-	0	-	0	-
DUMAGUETE CITY....	0	-	0	-	2	2.6	0	-
LAPU-LAPU CITY....	0	-	0	-	22	18.2	0	-
MANDAWE CITY.....	0	-	0	-	0	-	0	-
TAGEILARAN CITY...	0	-	0	-	0	-	0	-
TOLEDO CITY.....	0	-	0	-	3	2.7	0	-
<u>REGION 8</u>	<u>4</u>	<u>0.1</u>	<u>0</u>	-	<u>125</u>	<u>3.9</u>	<u>0</u>	-
LEYTE DEL NORTE...	0	-	0	-	3	0.2	0	-
LEYTE DEL SUR.....	0	-	0	-	6	1.7	0	-
EASTERN SAMAR.....	0	-	0	-	6	1.6	0	-
NORTHERN SAMAR....	0	-	0	-	0	-	0	-
WESTERN SAMAR.....	4	1.0	0	-	6	1.5	0	-
CALBAYOG CITY.....	0	-	0	-	0	-	0	-
ORMOC CITY.....	0	-	0	-	104	83.5	0	-
TACLOBAN CITY.....	0	-	0	-	0	-	0	-
<u>REGION 9</u>	<u>2</u>	<u>0.07</u>	<u>0</u>	-	<u>1644</u>	<u>54.9</u>	<u>0</u>	-
BASILAN.....	0	-	0	-	1	0.4	0	-
SULU.....	0	-	0	-	2	0.5	0	-
TAWI-TAWI.....	0	-	0	-	4	1.8	0	-
ZAMB. DEL NORTE...	1	0.2	0	-	110	20.0	0	-
ZAMB. DEL SUR.....	1	0.1	0	-	14	1.5	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

105

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
DAPIITAN CITY.....	0	-	0	-	0	-	0	-
DIFOLOG CITY.....	0	-	0	-	89	119.4	0	-
PAGADIAN CITY.....	0	-	0	-	892	915.3	0	-
ZAMBOANGA CITY....	0	-	0	-	532	131.3	0	-
<u>REGION 10</u>	<u>16</u>	<u>0.5</u>	<u>1</u>	<u>0.03</u>	<u>129</u>	<u>3.9</u>	<u>0</u>	<u>-</u>
AGUSAN DEL NORTE..	0	-	0	-	2	0.9	0	-
AGUSAN DEL SUR....	0	-	0	-	0	-	0	-
BUKIDNON.....	0	-	0	-	6	0.8	0	-
CAMIGUIN.....	0	-	0	-	0	-	0	-
MISAMIS OCC.....	0	-	0	-	0	-	0	-
MISAMIS OR.....	11	2.5	0	-	1	0.2	0	-
SURIGAO DEL NORTE..	1	0.3	0	-	16	4.6	0	-
BUTUAN CITY.....	0	-	0	-	69	32.9	0	-
CAGAYAN DE ORO....	4	1.3	1	0.3	22	7.0	0	-
GINGOOG CITY.....	0	-	0	-	1	1.0	0	-
OROQUIETA CITY....	0	-	0	-	0	-	0	-
OZAMIS CITY.....	0	-	0	-	12	13.3	0	-
SURIGAO CITY.....	0	-	0	-	0	-	0	-
TANGUB CITY.....	0	-	0	-	0	-	0	-
<u>REGION 11</u>	<u>2</u>	<u>0.05</u>	<u>1</u>	<u>0.02</u>	<u>1314</u>	<u>32.6</u>	<u>0</u>	<u>-</u>
COTABATO SOUTH....	0	-	0	-	61	8.5	0	-
DAVAO DEL NORTE...	0	-	0	-	87	10.2	0	-
DAVAO ORIENTAL....	0	-	0	-	15	3.7	0	-
DAVAO DEL SUR.....	0	-	0	-	1	0.2	0	-
SURIGAO DEL SUR...	0	-	0	-	489	106.7	0	-
DAVAO CITY.....	2	0.3	1	0.1	637	81.1	0	-
GEN. SANTOS CITY..	0	-	0	-	24	11.4	0	-
<u>REGION 12</u>	<u>1</u>	<u>0.04</u>	<u>0</u>	<u>-</u>	<u>39</u>	<u>1.4</u>	<u>0</u>	<u>-</u>
COTABATO NORTH....	0	-	0	-	2	0.3	0	-
LANAO DEL NORTE...	0	-	0	-	0	-	0	-
LANAO DEL SUR.....	0	-	0	-	5	1.2	0	-
MAGUINDANAO.....	0	-	0	-	30	5.6	0	-
SULTAN KUDARAT....	0	-	0	-	0	-	0	-
COTABATO CITY.....	0	-	0	-	0	-	0	-
ILIGAN CITY.....	1	0.5	0	-	2	1.0	0	-
MARAWI CITY.....	0	-	0	-	0	-	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
PHILIPPINES.....	<u>13892</u>	<u>24.2</u>	<u>288</u>	<u>0.5</u>	<u>354</u>	<u>0.6</u>	<u>0</u>	<u>-</u>
NAT. CAP. REGION....	<u>61</u>	<u>0.2</u>	<u>8</u>	<u>0.1</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>
1ST DIST.								
MANILA.....	11	0.6	3	0.2	0	-	0	-
2ND DIST. MUN.....	7	0.7	3	0.3	0	-	0	-
QUEZON CITY.....	19	1.3	1	0.07	0	-	0	-
3RD DIST. MUN.....	21	2.9	0	-	0	-	0	-
CALOOCAN CITY.....	0	-	0	-	0	-	0	-
4TH DIST. MUN.....	3	0.2	1	0.07	0	-	0	-
PASAY CITY.....	0	-	0	-	0	-	0	-
REGION 1	<u>22</u>	<u>0.5</u>	<u>8</u>	<u>0.2</u>	<u>14</u>	<u>0.3</u>	<u>0</u>	<u>-</u>
ABRA.....	0	-	0	-	0	-	0	-
BENGUET.....	0	-	0	-	0	-	0	-
ILOCOS NORTE.....	10	2.8	6	1.7	0	-	0	-
ILOCOS SUR.....	0	-	0	-	6	1.2	0	-
LA UNION.....	0	-	0	-	0	-	0	-
MT. PROVINCE.....	0	-	0	-	0	-	0	-
PANGASINAN.....	8	0.5	0	-	8	0.5	0	-
BAGUIO CITY.....	0	-	0	-	0	-	0	-
DAGUPAN CITY.....	4	3.7	2	1.8	0	-	0	-
LAOAG CITY.....	0	-	0	-	0	-	0	-
SAN CARLOS CITY.....	0	-	0	-	0	-	0	-
REGION 2	<u>2</u>	<u>0.08</u>	<u>1</u>	<u>0.04</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>
BATANES.....	0	-	0	-	0	-	0	-
CAGAYAN.....	0	-	0	-	0	-	0	-
IFUGAO.....	0	-	0	-	0	-	0	-
ISABELA.....	0	-	0	-	0	-	0	-
KALINGA-APAYAO.....	0	-	0	-	0	-	0	-
NEUVA VIZCAYA.....	0	-	0	-	0	-	0	-
QUIRINO.....	2	1.9	1	0.9	0	-	0	-
REGION 3	<u>54</u>	<u>0.9</u>	<u>2</u>	<u>0.03</u>	<u>21</u>	<u>0.4</u>	<u>0</u>	<u>-</u>
BATAAN.....	0	-	0	-	0	-	0	-
BULACAN.....	2	0.2	1	0.08	0	-	0	-
NUEVA ECIJA.....	6	0.6	0	-	20	1.9	0	-
PAMPANGA.....	44	3.8	0	-	1	0.09	0	-
TARLAC.....	0	-	0	-	0	-	0	-
ZAMBALES.....	0	-	0	-	0	-	0	-
ANGELES CITY.....	0	-	0	-	0	-	0	-
CABANATUAN CITY.....	0	-	0	-	0	-	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
OLONGAPO CITY.....	2	1.1	1	0.5	0	-	0	-
PALAYAN CITY.....	0	-	0	-	0	-	0	-
SAN JOSE CITY.....	0	-	0	-	0	-	0	-
REGION 4	<u>213</u>	<u>2.8</u>	<u>5</u>	<u>0.07</u>	<u>121</u>	<u>1.6</u>	<u>0</u>	<u>-</u>
AURORA.....	0	-	0	-	0	-	0	-
BATANGAS.....	3	0.3	1	0.1	0	-	0	-
CAVITE.....	0	-	0	-	0	-	0	-
LAGUNA.....	45	4.2	0	-	0	-	0	-
MARINDUQUE.....	0	-	0	-	2	1.0	0	-
MINDORO OCC.....	0	-	0	-	93	34.5	0	-
MINDORO OR.....	157	28.7	3	0.5	22	4.0	0	-
PALAWAN.....	0	-	0	-	1	0.3	0	-
QUEZON.....	0	-	0	-	3	0.2	0	-
RIZAL.....	2	0.3	1	0.1	0	-	0	-
ROMELON.....	6	2.8	0	-	0	-	0	-
BATANGAS CITY.....	0	-	0	-	0	-	0	-
CAVITE CITY.....	0	-	0	-	0	-	0	-
LIPA CITY.....	0	-	0	-	0	-	0	-
LUCENA CITY.....	0	-	0	-	0	-	0	-
PUERTO PRINCESA.....	0	-	0	-	0	-	0	-
TAGAYTAY CITY.....	0	-	0	-	0	-	0	-
TRECE MARTIRES.....	0	-	0	-	0	-	0	-
SAN PABLO CITY.....	0	-	0	-	0	-	0	-
REGION 5	<u>15</u>	<u>0.4</u>	<u>7</u>	<u>0.2</u>	<u>12</u>	<u>0.3</u>	<u>0</u>	<u>-</u>
ALBAY.....	5	0.6	3	0.4	0	-	0	-
CAMARINES NORTE.....	0	-	0	-	0	-	0	-
CAMARINES SUR.....	0	-	0	-	0	-	0	-
CATANDUANES.....	0	-	0	-	9	4.5	0	-
MASBATE.....	0	-	0	-	2	0.3	0	-
SORSOGON.....	10	1.7	4	0.7	1	0.2	0	-
IRIGA CITY.....	0	-	0	-	0	-	0	-
LEGASPI CITY.....	0	-	0	-	0	-	0	-
NAGA CITY.....	0	-	0	-	0	-	0	-
REGION 6	<u>7</u>	<u>0.1</u>	<u>3</u>	<u>0.06</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>
AKLAN.....	0	-	0	-	0	-	0	-
ANTIQUE.....	0	-	0	-	0	-	0	-
CAPIZ.....	0	-	0	-	0	-	0	-
ILOILO.....	2	0.1	1	0.07	0	-	0	-
NEGROS OCC.....	2	0.1	1	0.07	0	-	0	-

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
BACOLOD CITY.....	0	-	0	-	0	-	0	-
BAGO CITY.....	0	-	0	-	0	-	0	-
CADIZ CITY.....	0	-	0	-	0	-	0	-
ILOILO CITY.....	3	1.1	1	0.4	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	-
<u>REGION 7</u>	<u>15</u>	<u>0.3</u>	<u>9</u>	<u>0.2</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>
BOHOL.....	2	0.2	1	0.1	0	-	0	-
CEBU.....	3	0.2	3	0.2	0	-	0	-
NEGROS OR.....	4	0.5	2	0.3	0	-	0	-
SIQUIJOR.....	0	-	0	-	0	-	0	-
BAIS CITY.....	0	-	0	-	0	-	0	-
CANLAON CITY.....	0	-	0	-	0	-	0	-
CEBU CITY.....	6	1.0	3	0.5	0	-	0	-
DANAO CITY.....	0	-	0	-	0	-	0	-
DUMAGUETE CITY.....	0	-	0	-	0	-	0	-
LAPU-LAPU CITY.....	0	-	0	-	0	-	0	-
MANDAWE CITY.....	0	-	0	-	0	-	0	-
TAGBILARAN CITY.....	0	-	0	-	0	-	0	-
TOLEDO CITY.....	0	-	0	-	0	-	0	-
<u>REGION 8</u>	<u>5338</u>	<u>167.6</u>	<u>145</u>	<u>4.6</u>	<u>2</u>	<u>0.06</u>	<u>0</u>	<u>-</u>
LEYTE DEL NORTE.....	4182	341.0	87	7.1	0	-	0	-
LEYTE DEL SUR.....	6	1.7	2	0.6	1	0.3	0	-
EASTERN SAMAR.....	537	143.7	5	1.3	0	-	0	-
NORTHERN SAMAR.....	455	100.7	27	6.0	0	-	0	-
WESTERN SAMAR.....	136	33.1	10	2.4	1	0.2	0	-
CALBAYOG CITY.....	10	8.4	5	4.2	0	-	0	-
ORMOC CITY.....	0	-	0	-	0	-	0	-
TACLOBAN CITY.....	12	9.4	9	7.0	0	-	0	-
<u>REGION 9</u>	<u>873</u>	<u>29.2</u>	<u>13</u>	<u>0.4</u>	<u>92</u>	<u>3.1</u>	<u>0</u>	<u>-</u>
BASILAN.....	0	-	0	-	2	0.8	0	-
SULU.....	2	0.5	1	0.2	0	-	0	-
TAWI-TAWI.....	0	-	0	-	3	1.3	0	-
ZAMB. DEL NORTE.....	28	5.1	1	0.2	5	0.9	0	-
ZAMB. DEL SUR.....	841	92.1	10	1.1	0	-	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

109

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.....	0	-	0	-	0	-	0	-
PAGADIAN CITY.....	2	2.1	1	1.0	82	84.1	0	-
ZAMBOANGA CITY.....	0	-	0	-	0	-	0	-
<u>REGION 10</u>	<u>2963</u>	<u>88.4</u>	<u>36</u>	<u>1.1</u>	<u>1</u>	<u>0.03</u>	<u>0</u>	<u>-</u>
AGUSAN DEL NORTE....	1993	857.4	7	3.0	0	-	0	-
AGUSAN DEL SUR.....	223	67.7	6	1.8	0	-	0	-
BUKIDNON.....	202	26.4	3	0.4	0	-	0	-
CAMIGUIN.....	0	-	0	-	0	-	0	-
MISAMIS OCC.....	24	9.2	3	1.1	1	0.4	0	-
MISAMIS OR.....	68	15.3	0	-	0	-	0	-
SURIGAO DEL NORTE...	424	122.0	5	1.4	0	-	0	-
BUTUAN CITY.....	11	5.2	7	3.3	0	-	0	-
CAGAYAN DE ORO.....	4	1.3	1	0.3	0	-	0	-
GINGOOG CITY.....	0	-	0	-	0	-	0	-
OROQUIETA CITY.....	1	1.8	0	-	0	-	0	-
OZAMIS CITY.....	4	4.4	2	2.2	0	-	0	-
SURIGAO CITY.....	2	2.1	1	1.1	0	-	0	-
TANGUB CITY.....	7	15.8	1	2.3	0	-	0	-
<u>REGION 11</u>	<u>2432</u>	<u>60.3</u>	<u>36</u>	<u>0.9</u>	<u>52</u>	<u>1.3</u>	<u>0</u>	<u>-</u>
COTABATO SOUTH.....	875	122.3	1	0.1	1	0.1	0	-
DAVAO DEL NORTE.....	1243	145.6	19	2.2	1	0.1	0	-
DAVAO ORIENTAL.....	24	5.9	0	-	0	-	0	-
DAVAO DEL SUR.....	15	2.5	3	0.5	18	3.0	0	-
SURIGAO DEL SUR.....	259	56.5	5	1.1	32	7.0	0	-
DAVAO CITY.....	16	2.0	8	1.0	0	-	0	-
GEN. SANTOS CITY....	0	-	0	-	0	-	0	-
<u>REGION 12</u>	<u>1897</u>	<u>69.4</u>	<u>15</u>	<u>0.5</u>	<u>39</u>	<u>1.4</u>	<u>0</u>	<u>-</u>
COTABATO NORTH.....	137	19.7	5	0.7	0	-	0	-
LANAO DEL NORTE.....	1282	348.3	8	2.2	0	-	0	-
LANAO DEL SUR.....	117	28.9	0	-	0	-	0	-
MAGUINDANAO.....	4	0.8	1	0.2	24	4.5	0	-
SULTAN KUDARAT.....	353	92.1	0	-	15	3.9	0	-
COTABATO CITY.....	0	-	0	-	0	-	0	-
ILIGAN CITY.....	2	1.0	0	-	0	-	0	-
MARAWI CITY.....	2	3.3	1	1.7	0	-	0	-

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	<u>27195</u>	<u>47.4</u>	<u>20367</u>	<u>35.5</u>	<u>79214</u>	<u>138.1</u>	<u>38840</u>	<u>67.7</u>
NAT. CAP. REG.....	<u>7245</u>	<u>98.5</u>	<u>3938</u>	<u>53.5</u>	<u>12681</u>	<u>172.4</u>	<u>7257</u>	<u>98.7</u>
1ST DIST.....								
MANILA.....	2636	145.4	1332	73.5	4442	245.0	2278	125.6
2ND DIST. MUN.....	916	88.6	469	45.4	1383	133.8	863	83.5
QUEZON CITY.....	1946	133.1	1038	71.0	2876	196.7	1746	119.4
3RD DIST. MUN.....	405	56.8	249	34.9	805	112.9	510	71.5
CALOOCAN CITY.....	230	40.2	167	29.2	955	166.7	484	84.5
4TH DIST. MUN.....	817	57.9	552	39.1	1631	115.7	1137	80.6
PASAY CITY.....	295	84.5	131	37.5	589	168.8	239	68.5
REGION 1	<u>2445</u>	<u>60.9</u>	<u>1528</u>	<u>38.1</u>	<u>6389</u>	<u>159.2</u>	<u>2372</u>	<u>81.6</u>
ABRA.....	40	21.8	29	15.8	485	263.9	83	45.2
BENGUET.....	85	30.5	62	22.3	330	118.5	80	28.7
ILOCOS NORTE.....	180	49.6	158	43.5	1199	330.2	419	115.4
ILOCOS SUR.....	244	48.7	228	45.5	602	120.1	518	103.3
LA UNION.....	258	49.0	216	41.1	788	149.8	589	112.0
MT. PROVINCE.....	21	18.1	15	12.9	122	105.3	39	33.7
PANGASINAN.....	1121	70.0	573	35.8	1740	108.6	999	62.4
BAGUIO CITY.....	136	94.5	69	48.0	609	423.3	144	100.1
DAGUPAN CITY.....	150	137.4	62	56.8	193	176.7	187	171.2
LAOAG CITY.....	145	193.5	67	89.4	234	312.2	139	185.5
SAN CARLOS CITY.....	65	57.1	49	43.0	87	76.4	75	65.8
REGION 2	<u>1116</u>	<u>42.1</u>	<u>564</u>	<u>21.3</u>	<u>1914</u>	<u>72.2</u>	<u>1344</u>	<u>50.7</u>
BATANES.....	6	40.0	3	20.0	42	280.2	10	66.7
CAGAYAN.....	730	88.0	226	27.2	654	78.8	591	71.2
IFUGAO.....	15	11.8	12	9.4	28	22.0	26	20.4
ISABELA.....	261	24.7	234	22.2	566	53.6	508	48.1
KALINGA-APAYAO.....	16	7.2	9	4.1	46	20.7	32	14.4
NUEVA VIZCAYA.....	80	27.1	73	24.7	269	91.1	146	49.5
QUIRINO.....	8	7.4	7	6.5	314	291.7	31	28.8
REGION 3	<u>3204</u>	<u>55.7</u>	<u>2565</u>	<u>44.6</u>	<u>12938</u>	<u>225.0</u>	<u>4285</u>	<u>74.5</u>
BATAAN.....	256	61.4	183	43.9	1934	464.0	290	69.6
BULACAN.....	816	62.2	671	51.2	4228	322.4	1278	97.4
NUEVA ECIJA.....	401	39.0	365	35.5	2180	211.9	603	58.6
PAMPANGA.....	689	58.9	548	46.9	1912	163.5	745	63.7
TARLAC.....	479	60.9	333	42.3	741	94.1	559	71.0
ZAMBALES.....	134	38.7	131	37.8	360	103.9	270	77.9
ANGELES CITY.....	156	65.0	114	47.5	928	386.6	129	53.7
CABANATUAN CITY.....	142	83.9	105	62.0	318	187.8	196	115.8

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

111

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
OLONGAPO CITY.....	82	43.3	73	38.6	190	100.4	178	94.0
PALAYAN CITY.....	4	20.4	2	10.2	3	15.3	2	10.2
SAN JOSE CITY.....	45	61.9	40	55.0	144	198.1	35	48.1
<u>REGION 4</u>	<u>3310</u>	<u>44.2</u>	<u>2894</u>	<u>38.5</u>	<u>10585</u>	<u>141.4</u>	<u>6103</u>	<u>81.5</u>
AURORA.....	23	17.7	18	13.8	507	389.5	60	46.1
BATANGAS.....	579	55.6	541	52.0	1263	121.3	1003	96.3
CAVITE.....	391	45.7	371	43.4	1078	126.1	659	77.1
LAGUNA.....	527	49.6	424	39.9	1769	166.6	931	87.7
MARINDUQUE.....	159	79.8	113	55.7	326	163.7	116	58.3
MINDORO OCC.....	78	29.0	60	22.3	378	140.4	114	42.3
MINDORO OR.....	155	28.4	126	23.1	976	178.7	311	56.9
PALAWAN.....	80	20.7	51	13.2	761	195.7	73	18.9
QUEZON.....	430	34.1	421	33.4	1060	84.0	1053	83.5
RIZAL.....	250	34.8	245	34.1	678	94.2	663	92.2
ROMBLON.....	95	44.3	77	35.9	499	232.6	128	59.7
BATANGAS CITY.....	158	93.6	104	61.5	256	151.6	198	117.2
CAVITE CITY.....	84	86.1	72	73.8	154	157.9	115	117.9
LIPA CITY.....	86	60.6	82	57.7	264	185.9	217	152.8
LUCENA CITY.....	73	53.8	69	50.8	200	147.3	144	106.1
PUERTO PRINCESA....	21	26.9	11	14.1	82	105.1	58	74.4
SAN PABLO CITY.....	85	56.6	84	56.0	248	165.2	195	129.9
TAGAYTAY CITY.....	20	96.3	11	53.0	32	154.1	22	106.0
TRECE MARTIRES.....	16	151.2	14	132.3	54	510.4	43	406.5
<u>REGION 5</u>	<u>1078</u>	<u>26.2</u>	<u>996</u>	<u>24.2</u>	<u>6876</u>	<u>167.1</u>	<u>2995</u>	<u>72.8</u>
ALBAY.....	200	24.1	196	23.6	2007	241.7	772	93.0
CAMARINES NORTE....	97	26.2	88	23.8	748	202.0	376	101.5
CAMARINES SUR.....	238	21.0	235	20.7	1230	108.4	583	51.4
CATANDUANES.....	89	44.4	74	36.9	358	178.8	112	55.9
MASBATE.....	124	18.1	113	16.5	1030	150.3	249	36.3
SORSOGON.....	176	29.6	151	25.4	1057	177.9	531	89.4
IRIGA CITY.....	24	33.5	22	30.7	73	101.9	45	62.8
LEGASPI CITY.....	58	45.1	48	37.3	213	165.5	170	132.1
NAGA CITY.....	72	72.6	69	70.0	160	161.3	157	158.3
<u>REGION 6</u>	<u>2076</u>	<u>39.0</u>	<u>1937</u>	<u>36.4</u>	<u>5265</u>	<u>98.9</u>	<u>3381</u>	<u>63.5</u>
AKLAN.....	160	42.2	153	40.4	443	116.9	229	60.4
ANTIQUE.....	120	29.6	118	29.1	400	98.5	281	69.2
CAPIZ.....	180	36.8	171	35.0	239	48.9	209	42.8
ILOILO.....	467	33.7	463	33.4	830	60.0	824	59.5
NEGROS OCC.....	387	26.7	377	26.0	1150	79.4	601	4.1

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
BACOLOD CITY.....	291	95.1	219	71.5	460	150.3	350	114.3
BAGO CITY.....	47	39.0	36	29.8	117	97.0	53	43.9
CADIZ CITY.....	43	31.1	39	28.2	77	55.6	63	45.5
ILOILO CITY.....	171	61.9	204	73.8	706	255.4	479	173.3
LA CARLOTA CITY....	20	36.8	18	33.1	48	88.4	39	71.8
ROXAS CITY.....	79	81.3	52	53.5	128	131.8	122	125.6
SAN CARLOS CITY....	70	72.4	56	57.9	568	587.2	83	85.8
SILAY CITY.....	41	32.2	31	24.4	99	77.8	48	37.7
REGION 7	2572	58.9	2340	53.6	4641	106.3	3679	84.3
BOHOL.....	398	46.7	371	43.5	806	94.5	715	83.8
CEBU.....	877	63.8	781	56.8	1330	96.7	1287	93.6
NEGROS OR.....	183	23.0	175	22.0	614	77.0	352	44.2
SIQUIJOR.....	75	95.7	62	79.1	149	190.1	134	171.0
BAIS CITY.....	30	54.7	26	47.4	50	91.2	30	54.7
CANLAON CITY.....	4	12.6	2	6.3	29	91.0	8	25.1
CEBU CITY.....	505	84.8	495	83.1	790	132.6	617	103.6
DANAO CITY.....	40	61.4	36	55.3	212	325.5	52	79.8
DUMAGUETE CITY....	122	161.3	106	140.1	120	158.7	116	153.4
LAPU-LAPU CITY....	109	90.0	93	76.8	181	149.5	104	85.9
MANDAWE CITY.....	95	59.8	81	51.0	80	50.4	64	40.3
TAGBILARAN CITY....	70	146.4	61	127.6	93	194.5	83	173.6
TOLEDO CITY.....	64	58.1	51	46.3	187	169.8	117	106.2
REGION 8	994	31.2	829	26.0	3384	106.2	1673	52.5
LEYTE DEL NORTE....	458	37.4	375	30.6	1335	108.9	629	51.3
LEYTE DEL SUR.....	196	55.8	160	45.6	315	89.8	266	75.8
EASTERN SAMAR.....	47	12.6	41	11.0	151	40.4	104	27.8
NORTHERN SAMAR....	94	20.8	82	18.1	947	209.5	241	53.3
WESTERN SAMAR.....	64	15.6	50	12.2	172	41.9	72	17.5
CALBAYOG CITY.....	15	12.6	13	10.9	27	22.6	22	18.4
ORMOC CITY.....	50	40.1	47	37.7	140	112.4	102	81.9
TACLOBAN CITY.....	70	54.6	61	47.6	297	231.8	237	184.9
REGION 9	601	20.1	479	16.0	3494	116.7	952	31.8
BASILAN.....	38	15.7	29	12.0	89	36.9	60	24.9
SULU.....	29	6.9	19	4.5	79	18.8	35	8.3
TAWI-TAWI.....	10	4.4	1	0.4	39	17.1	6	3.5
ZAMB. DEL NORTE....	141	25.8	82	14.9	1544	280.3	184	33.4
ZAMB. DEL SUR.....	80	8.8	79	8.7	472	51.7	209	22.9

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

113

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
DAPITAN CITY.....	46	73.6	36	57.6	69	110.3	44	70.4
DIPOLOG CITY.....	42	56.3	40	53.6	156	209.2	60	80.5
PAGADIAN CITY.....	49	50.3	38	39.0	520	533.6	84	86.2
ZAMBOANGA CITY.....	166	41.0	155	38.2	526	129.8	268	66.1
<u>REGION 10</u>	<u>904</u>	<u>27.0</u>	<u>824</u>	<u>24.6</u>	<u>3578</u>	<u>106.8</u>	<u>1640</u>	<u>49.0</u>
AGUSAN DEL NORTE....	68	29.3	67	28.8	993	427.2	132	56.8
AGUSAN DEL SUR.....	25	7.6	22	6.7	151	45.8	74	22.5
BUKIDNON.....	88	11.5	79	10.3	431	56.3	189	24.7
CAMIGUIN.....	30	48.5	19	30.7	110	177.7	108	174.5
MISAMIS OCC.....	105	40.2	98	37.6	165	63.2	158	60.6
MISAMIS OR.....	120	27.0	115	25.9	221	49.7	219	49.3
SURIGAO DEL NORTE...	62	17.8	57	16.4	166	47.8	152	43.7
BUTUAN CITY.....	90	42.9	81	38.6	239	113.9	122	58.1
CAGAYAN DE ORO.....	140	44.4	138	43.8	788	250.0	272	86.3
GINGOOG CITY.....	30	31.2	25	26.0	91	94.6	31	32.2
OROQUIETA CITY.....	30	53.7	28	50.1	74	132.5	57	102.0
OZAMIS CITY.....	55	60.8	50	55.3	63	69.6	57	63.0
SURIGAO CITY.....	36	37.8	30	31.5	62	65.1	52	54.6
TANGUB CITY.....	25	56.3	15	33.8	24	54.1	17	38.3
<u>REGION 11</u>	<u>1275</u>	<u>31.6</u>	<u>1159</u>	<u>28.7</u>	<u>3160</u>	<u>78.4</u>	<u>1811</u>	<u>44.9</u>
COTABATO SOUTH.....	180	25.2	177	24.7	1172	163.8	308	43.1
DAVAO DEL NORTE.....	249	29.2	236	27.7	338	39.6	332	38.9
DAVAO ORIENTAL.....	89	21.9	71	17.5	139	34.2	103	25.3
DAVAO DEL SUR.....	148	24.5	141	23.4	244	40.4	220	36.5
SURIGAO DEL SUR.....	184	40.2	117	25.5	357	77.9	154	33.6
DAVAO CITY.....	355	45.2	352	44.8	735	93.6	596	75.9
GEN. SANTOS CITY....	70	33.3	65	30.9	175	83.1	98	46.6
<u>REGION 12</u>	<u>375</u>	<u>13.7</u>	<u>314</u>	<u>11.5</u>	<u>4309</u>	<u>157.7</u>	<u>448</u>	<u>16.4</u>
COTABATO NORTH.....	92	13.3	81	11.7	394	56.8	114	16.4
LANAO DEL NORTE.....	51	13.9	44	12.0	889	241.5	61	16.6
LANAO DEL SUR.....	12	3.0	0	-	1694	417.8	6	1.5
MAGUINDANAO.....	25	4.7	14	2.6	345	65.0	18	3.4
SULTAN KUDARAT.....	65	17.0	62	16.2	722	188.4	85	22.2
COTABATO CITY.....	45	44.9	41	40.9	80	79.9	79	78.9
ILIGAN CITY.....	68	35.5	66	34.5	151	78.9	80	41.8
MARAWI CITY.....	17	28.4	6	10.0	34	56.7	5	8.3

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

A R E A	Bronchitis (460-466)				Pneumonias (480-486)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
PHILIPPINES.....	642777	1120.7	1814	3.2	183143	319.3	52700	91.9
NAT. CAP. REGION...	44110	599.8	70	1.0	16675	226.7	7584	103.1
1ST DIST.....								
MANILA.....	5273	290.8	12	0.7	6809	375.6	2588	142.7
2ND DIST.MUN.....	4335	419.3	6	0.6	1242	120.1	999	96.6
QUEZON CITY.....	9013	616.3	15	1.0	3744	256.0	1431	97.9
3RD DIST.MUN.....	4382	684.6	7	1.0	807	113.2	649	91.0
CALOOCAN CITY	5410	944.5	5	0.9	1798	313.9	730	127.5
4TH DIST. MUN.....	5641	400.0	24	1.7	1294	91.8	866	61.4
PASAY CITY.....	9556	2738.7	1	0.3	981	281.2	321	92.0
REGION 1	41705	1039.5	118	2.9	13661	340.5	4793	119.5
ABRA.....	3712	2020.1	2	1.1	876	476.7	208	113.2
BENGUET.....	4136	1485.7	1	0.4	1356	487.1	177	63.6
ILOCOS NORTE.....	7009	1930.1	8	2.2	1853	510.3	239	65.8
ILOCOS SUR.....	4455	888.7	38	7.6	1403	279.9	597	119.1
LA UNION.....	5906	1122.6	22	4.2	1975	375.4	586	111.4
MT. PROVINCE.....	3339	2882.2	1	0.9	280	241.7	77	66.5
PANGASINAN.....	12243	764.4	42	2.6	3167	197.7	2302	143.7
BAGUIO CITY.....	0	-	0	-	1647	1144.8	116	80.6
DAGUPAN CITY.....	384	351.7	4	3.7	764	699.6	333	305.0
LAOAG CITY.....	367	489.7	0	-	153	204.1	76	101.4
SAN CARLOS CITY....	154	135.2	0	-	187	164.1	82	72.0
REGION 2	43629	1645.1	187	7.1	8854	333.9	2727	102.8
BATANES.....	985	6572.4	0	-	21	140.1	16	106.8
CAGAYAN.....	7276	876.9	87	10.5	2737	329.9	1144	137.9
IFUGAO.....	1130	887.5	1	0.8	227	178.3	60	47.1
ISABELA.....	15623	1480.4	88	8.3	1875	177.7	1154	109.3
KALINGA-APAYAO....	2393	1078.7	4	1.8	683	307.9	46	20.7
NUEVA VIZCAYA.....	13556	4591.4	3	1.0	2868	971.4	214	72.5
QUIRINO.....	2666	2476.9	4	3.7	443	411.6	93	86.4
REGION 3	52993	921.4	153	2.7	14892	258.9	3862	67.1
BATAAN.....	8090	1940.9	7	1.7	1249	299.7	322	77.3
BULACAN.....	14822	1130.1	25	1.9	3947	300.9	1006	76.7
NUEVA ECIJA.....	5256	510.8	20	1.9	2011	195.5	556	54.0
PAMPANGA.....	11056	945.4	14	1.2	2780	237.7	421	36.0
TARLAC.....	4748	603.2	7	0.9	1417	180.0	774	98.3
ZAMBALES.....	4773	1377.6	5	1.4	698	201.5	163	47.0
ANGELES CITY.....	2160	899.9	0	-	907	377.9	211	87.9
CABANATUAN CITY.....	84	49.6	2	1.2	899	530.9	210	124.0

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

115

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
OLONGAPO CITY.....	1142	603.2	7	3.7	689	364.0	106	56.0
PALAYAN CITY.....	14	71.3	0	-	114	580.7	13	66.2
SAN JOSE CITY.....	848	1166.6	66	90.8	181	249.0	80	110.1
<u>REGION 4</u>	<u>40569</u>	<u>541.8</u>	<u>330</u>	<u>4.4</u>	<u>14094</u>	<u>188.2</u>	<u>7000</u>	<u>93.5</u>
AURORA.....	1117	858.1	8	6.1	520	399.5	209	160.6
BATANGAS.....	5583	536.2	28	2.7	2061	198.0	790	75.9
CAVITE.....	6416	750.4	24	2.8	1556	182.0	657	76.8
LAGUNA.....	3527	332.1	13	1.2	1242	117.0	887	83.5
MARINDUQUE.....	326	163.7	9	4.5	776	389.7	217	108.9
MINDORO OCC.....	4209	1562.9	12	4.5	632	234.7	196	72.8
MINDORO OR.....	2989	547.3	72	13.2	912	167.0	497	91.0
PALAWAN.....	2725	704.5	12	3.1	853	220.5	144	37.2
QUEZON.....	4980	394.9	104	8.2	1797	142.5	1793	142.2
RIZAL.....	3609	501.7	9	1.3	2335	324.6	704	97.9
ROMBLON.....	1408	656.4	17	7.9	454	211.7	265	123.5
BATANGAS CITY.....	60	35.5		1.8	55	32.6	83	49.1
CAVITE CITY.....	2657	2724.3	1	1.0	292	299.4	67	68.7
LIPA CITY.....	124	87.3	1	0.7	121	85.2	110	77.5
LUCENA CITY.....	326	240.1	11	8.1	139	102.4	129	95.0
PUERTO PRINCESA...	98	125.6	3	3.8	86	110.2	59	75.6
TAGAYTAY CITY.....	9	43.4	0	-	12	57.8	8	38.5
TRECE MARTIRES....	43	406.5	0	-	50	472.6	42	397.0
SAN PABLO CITY....	363	241.8	3	2.0	201	133.9	143	95.3
<u>REGION 5</u>	<u>50899</u>	<u>1236.8</u>	<u>236</u>	<u>5.7</u>	<u>16853</u>	<u>409.5</u>	<u>6246</u>	<u>151.8</u>
ALBAY.....	3414	1013.1	112	13.5	4576	551.0	1259	151.6
CAMARINES NORTE...	6983	1885.4	9	2.4	2330	629.1	870	234.9
CAMARINES SUR.....	18241	1607.3	29	2.6	5391	475.0	1816	160.0
CATANDUANES.....	2462	1229.3	14	7.0	481	240.2	383	191.2
MASBATE.....	7940	1158.3	34	5.0	1991	290.5	582	84.9
SORSOGON.....	5890	991.2	24	4.0	1413	237.8	875	147.2
IRIGA CITY.....	206	287.5	12	16.7	84	117.2	56	78.2
LEGASPI CITY.....	568	441.3	2	1.6	414	321.6	235	182.6
NAGA CITY.....	195	196.6	0	-	173	174.4	170	171.4
<u>REGION 6</u>	<u>45235</u>	<u>849.8</u>	<u>131</u>	<u>2.5</u>	<u>11360</u>	<u>213.4</u>	<u>5083</u>	<u>95.5</u>
AKLAN.....	5479	1445.4	10	2.6	456	120.3	374	98.7
ANTIQUE.....	8893	2190.4	2	0.5	1201	295.8	658	162.1
CAPIZ.....	5226	1069.1	3	0.6	1483	303.4	731	149.5
ILOILO.....	7863	568.0	57	4.1	2580	186.4	1508	108.9
NEGROS OCC.....	12523	865.0	44	3.0	2152	148.7	763	52.7

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
BACOLOD CITY.....	627	204.8	0	-	226	73.8	214	69.9
BAGO CITY.....	63	52.2	0	-	125	103.6	82	68.0
CADIZ CITY.....	156	112.7	0	-	60	43.4	34	24.6
ILOILO CITY.....	273	98.8	5	1.8	1617	584.9	300	108.5
LA CARLOTA CITY....	130	239.3	2	3.7	59	108.6	50	92.0
ROXAS CITY.....	1714	1764.6	7	7.2	414	426.2	143	147.2
SAN CARLOS CITY....	750	775.3	1	1.0	795	821.9	154	159.2
SILAY CITY.....	1533	1209.1	0	-	192	150.9	72	56.6
<u>REGION 7</u>	<u>37937</u>	<u>869.2</u>	<u>76</u>	<u>1.7</u>	<u>11076</u>	<u>253.8</u>	<u>4260</u>	<u>97.6</u>
BOHOL.....	13126	1538.9	10	1.2	2532	296.9	927	108.7
CEBU.....	12814	931.6	52	3.8	3672	267.0	1574	114.4
NEGROS OR.....	5251	658.9	2	0.3	1383	173.5	504	63.2
SIQUIJOR.....	753	960.7	0	-	233	297.3	115	146.7
BAIS CITY.....	218	397.8	0	-	127	231.8	17	31.0
CANLAON CITY.....	199	624.7	0	-	86	270.0	74	232.3
CEBU CITY.....	3092	519.0	9	1.5	1439	241.5	490	82.2
DANAO CITY.....	4	6.1	1	1.5	255	391.5	89	136.6
DUMAGUETE CITY....	171	226.1	0	-	294	388.7	93	123.0
LAPU-LAPU CITY....	712	588.1	0	-	486	401.4	161	133.0
MANDAWE CITY.....	184	115.9	0	-	101	63.6	79	49.7
TAGBILARAN CITY....	359	750.9	1	2.1	106	221.7	29	60.7
TOLEDO CITY.....	1054	956.8	1	0.9	362	328.6	108	98.0
<u>REGION 8</u>	<u>41813</u>	<u>1312.8</u>	<u>208</u>	<u>6.5</u>	<u>12831</u>	<u>402.8</u>	<u>3504</u>	<u>110.0</u>
LEYTE DEL NORTE....	15878	1294.9	143	11.7	5395	439.4	1664	135.7
LEYTE DEL SUR.....	7009	1997.0	14	4.0	1866	531.7	333	94.9
EASTERN SAMAR.....	4550	1217.1	0	-	1023	273.7	188	50.3
NORTHERN SAMAR....	8748	1935.4	18	4.0	1863	413.3	631	139.6
WESTERN SAMAR.....	5196	1266.5	11	2.7	1797	438.0	255	62.2
CALBAYOG CITY.....	183	153.4	21	17.6	239	200.4	73	61.2
ORMOC CITY.....	179	143.7	0	-	195	156.5	107	85.9
TACLOBAN CITY.....	75	58.5	1	0.8	448	349.6	253	197.4
<u>REGION 9</u>	<u>52383</u>	<u>1749.4</u>	<u>81</u>	<u>2.7</u>	<u>12896</u>	<u>430.7</u>	<u>1424</u>	<u>47.6</u>
BASILAN	1646	681.9	1	0.4	158	65.5	43	17.8
SULU.....	2906	690.1	3	0.7	589	139.9	164	38.9
TAWI-TAWI.....	911	399.7	1	0.4	534	234.3	1	0.4
ZAMB. DEL NORTE....	15992	2902.8	15	2.7	4226	767.1	283	51.4
ZAMB. DEL SUR.....	23991	2626.9	21	2.3	5372	588.2	411	45.0

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

117

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
DAPITAN CITY.....	161	257.5	3	4.8	161	257.5	41	65.6
DIPOLOG CITY.....	342	458.7	1	1.3	368	493.5	91	122.0
PAGADIAN CITY.....	6077	6235.7	7	7.2	537	551.0	106	108.8
ZAMBOANGA CITY.....	357	88.1	29	7.2	951	234.7	284	70.1
REGION 10	61250	1828.3	103	3.1	16624	496.2	2850	85.1
AGUSAN DEL NORTE...	9003	3873.0	3	1.3	2163	930.5	250	107.5
AGUSAN DEL SUR.....	3504	1063.2	22	6.7	527	159.9	151	45.8
BUKIDNON.....	16167	2110.2	23	3.0	4501	587.5	416	54.3
CAMIGUIN.....	1063	1717.2	0	-	173	279.5	67	108.2
MISAMIS OCC.....	11205	4294.7	7	2.7	896	343.4	257	98.5
MISAMIS OR.....	8045	1810.5	2	0.5	1470	330.8	405	91.1
SURIGAO DEL NORTE..	3560	1024.5	8	2.3	410	118.0	254	73.1
BUTUAN CITY.....	1434	683.3	14	6.7	1034	492.7	243	115.8
CAGAYAN DE ORO.....	497	157.7	0	-	2966	941.1	317	100.6
GINGOOG CITY.....	1333	1385.2	9	9.4	503	522.7	178	185.0
OROQUIETA CITY.....	3049	5457.4	1	1.8	796	1424.8	50	89.5
OZAMIS CITY.....	1588	1755.5	14	15.5	898	992.7	69	76.3
SURIGAO CITY.....	679	713.0	0	-	167	175.4	79	83.0
TANGUB CITY.....	123	277.2	0	-	120	270.5	114	256.9
REGION 11	87053	2158.8	69	1.7	20176	500.3	2430	60.3
COTABATO SOUTH.....	12619	1763.9	7	1.0	2367	330.9	333	46.5
DAVAO DEL NORTE....	11545	1352.7	3	0.4	3505	410.7	567	66.4
DAVAO ORIENTAL.....	10778	2653.4	17	4.2	2421	596.0	295	72.6
DAVAO DEL SUR.....	33433	5540.0	0	-	7451	1234.7	343	56.8
SURIGAO DEL SUR....	16879	3684.0	33	7.2	2313	504.8	359	78.4
DAVAO CITY.....	935	119.1	7	0.9	1495	190.4	368	46.9
GEN. SANTOS CITY..	864	410.4	2	1.0	624	296.4	165	78.4
REGION 12	43196	1580.5	52	1.9	13151	481.2	937	34.3
COTABATO NORTH.....	6974	1005.3	3	0.4	1752	252.6	201	29.0
LANAO DEL NORTE....	18458	5015.0	41	11.1	2038	553.7	189	51.4
LANAO DEL SUR.....	7238	1785.1	1	0.2	2424	597.8	15	3.7
MAGUINDANAO.....	6602	1242.9	3	0.6	2792	525.6	9	1.7
SULTAN KUDARAT.....	3458	902.4	1	0.3	2735	713.7	125	32.6
COTABATO CITY.....	336	335.6	1	1.0	859	857.9	163	162.8
ILIGAN CITY.....	126	65.9	2	1.0	411	214.8	198	103.5
MARAWI CITY.....	4	6.7	0	-	140	233.7	37	61.8

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	495161	863.3	1151	2.0	114445	199.5	11630	20.3
NAT. CAP. REG.....	12200	165.9	37	0.5	5779	78.6	1234	16.8
1ST DIST.....								
MANILA.....	933	51.5	14	0.8	2199	121.3	400	22.1
2ND DIST. MUN.....	1929	186.6	2	0.2	329	31.8	176	17.0
QUEZON CITY.....	1658	113.4	6	0.4	191	54.1	319	21.8
3RD DIST. MUN.....	2874	403.0	4	0.6	1467	205.7	60	8.4
CALOOCAN CITY....	1186	207.1	1	0.2	185	32.3	79	13.8
4TH DIST. MUN.....	1661	117.8	10	0.7	299	21.2	165	11.7
PASAY CITY.....	1959	561.4	0	-	509	145.9	35	10.0
REGION 1	21562	537.4	252	6.3	8680	216.3	1033	25.8
ABRA.....	5728	3117.2	9	4.9	293	159.4	36	19.6
BENGUET.....	2052	737.1	11	4.0	411	147.6	140	50.3
ILOCOS NORTE.....	3996	1100.4	7	1.9	5827	1604.6	103	28.4
ILOCOS SUR.....	3715	741.1	18	3.6	201	40.1	155	30.9
LA UNION.....	2035	386.8	15	2.9	160	30.4	155	29.5
MT. PROVINCE.....	1610	1389.7	0	-	40	34.5	36	31.1
PANGASINAN.....	1031	64.4	181	11.3	721	45.0	258	16.1
BAGUIO CITY.....	565	392.7	0	-	916	636.7	58	40.3
DAGUPAN CITY.....	151	138.3	6	5.5	65	59.5	60	54.9
LAOAG CITY.....	347	463.0	3	4.0	31	41.4	21	28.0
SAN CARLOS CITY....	332	291.4	2	1.8	15	13.2	11	9.7
REGION 2	36085	1360.6	44	1.7	3660	138.0	742	28.0
BATANES.....	3772	25168.5	2	13.3	41	273.6	5	33.4
CAGAYAN.....	5663	682.5	26	3.1	1705	205.5	261	31.5
IFUGAO.....	296	232.5	2	1.6	261	205.0	26	20.4
ISABELA.....	16277	1542.4	13	1.2	541	51.3	300	28.4
KALINGA-APAYAO....	1715	773.0	0	-	55	24.8	49	22.1
NUEVA VIZCAYA.....	6335	2145.7	1	0.3	953	322.8	76	25.7
QUIRINO.....	2027	1883.3	0	-	104	96.6	25	23.2
REGION 3	33883	589.1	37	0.6	10808	187.9	1077	18.7
BATAAN.....	2968	712.1	2	0.5	2584	619.9	90	21.6
BULACAN.....	6264	477.6	10	0.8	3714	283.2	234	17.8
NUEVA ECLJA.....	3981	386.9	9	0.9	1804	175.3	162	15.7
PAMPANGA.....	11219	959.3	2	0.2	1115	95.3	172	14.7
TARLAC.....	4290	545.0	5	0.6	373	47.4	160	20.3
ZAMBALES.....	1081	312.0	4	1.2	611	176.4	83	24.0
ANGELES CITY.....	2938	1224.0	0	-	457	190.4	41	17.1
CABANATUAN CITY....	235	138.8	0	-	70	41.3	64	37.8

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES& DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

119

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
OLONGAPO CITY.....	611	322.7	4	2.1	50	26.4	46	24.3
PALAYAN CITY.....	0	-	0	-	0	-	0	-
SAN JOSE CITY.....	296	407.2	1	1.4	30	41.3	25	34.4
REGION 4	33067	441.6	129	1.7	7597	101.5	1606	21.4
AURORA.....	1710	1313.6	8	6.1	528	405.6	31	23.8
BATANGAS.....	4204	411.5	18	1.7	1849	177.6	178	17.1
CAVITE.....	3391	396.6	13	1.5	798	93.3	147	17.2
LAGUNA.....	3024	284.8	4	0.4	1059	99.7	140	13.2
MARINDUQUE.....	233	117.0	8	4.0	121	60.8	57	28.6
MINDORO OCC.....	2197	915.8	6	2.2	1308	485.7	57	21.2
MINDORO OR.....	3555	651.0	13	2.4	168	30.8	115	21.1
PALAWAN.....	5552	1435.3	0	-	684	176.8	62	16.0
QUEZON.....	2964	235.0	35	2.8	511	40.5	449	35.6
RIZAL.....	3719	516.9	8	1.1	163	22.7	88	12.2
ROMBLON.....	1102	513.8	3	1.4	60	28.0	56	26.1
BATANGAS CITY.....	513	303.7	7	4.1	39	23.1	38	22.5
CAVITE CITY.....	222	227.6	1	1.0	27	27.7	14	14.4
LIPA CITY.....	45	31.7	1	0.7	43	30.3	33	23.2
LUCENA CITY.....	85	62.6	3	2.2	58	42.7	51	37.6
PUERTO PRINCESA....	83	106.4	1	1.3	31	39.7	23	29.5
SAN PABLO CITY.....	345	229.8	0	-	134	89.3	57	38.0
TAGAYTAY CITY.....	37	178.2	0	-	10	48.2	6	28.9
TRECE MARTIRES.....	6	56.7	0	-	6	56.7	4	37.8
REGION 5	42880	1042.0	109	2.6	5750	139.7	1299	31.6
ALBAY.....	8876	1068.7	31	2.7	785	94.5	220	26.5
CAMARINES NORTE....	3216	868.3	5	1.4	2696	727.9	150	40.5
CAMARINES SUR.....	18151	1599.4	14	1.2	1010	89.0	233	20.5
CATANDUANES.....	3594	1794.5	19	9.5	59	29.5	55	27.5
MASBATE.....	6283	916.6	5	0.7	410	59.8	92	13.4
SORSOGON.....	1841	309.8	15	2.5	643	108.2	444	74.7
IRIGA CITY.....	678	946.2	17	23.7	49	68.4	13	18.1
LEGASPI CITY.....	23	17.9	3	2.3	55	42.7	51	39.6
NAGA CITY.....	218	219.7	0	-	43	43.3	41	41.3
REGION 6	42332	795.2	288	5.4	13954	262.2	971	18.2
AKLAN.....	4668	1231.5	9	2.4	2039	537.9	83	21.9
ANTIQUE.....	8323	2050.0	21	5.2	1238	304.9	75	18.5
CAPIZ.....	5871	1201.1	23	4.7	1537	314.4	114	23.3
ILOILO.....	5840	421.9	35	2.5	4258	307.6	190	13.7
NEGROS OCC.....	14415	995.7	109	7.5	4121	284.7	182	12.6

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	914	298.6	30	9.8	300	98.0	121	39.5
BAGO CITY.....	77	63.8	2	1.7	60	49.7	15	12.4
CADIZ CITY.....	52	37.6	3	2.2	35	25.3	27	19.5
ILOILO CITY.....	619	223.9	19	6.9	273	98.8	103	37.3
LA CARLOTA CITY...	502	924.2	2	3.7	10	18.4	7	12.9
ROXAS CITY.....	167	171.9	6	6.2	44	45.3	38	39.1
SAN CARLOS CITY...	350	361.8	0	-	19	19.6	4	4.1
SILAY CITY.....	534	419.8	29	22.8	20	15.7	12	9.4
<u>REGION 7</u>	<u>13217</u>	<u>302.8</u>	<u>66</u>	<u>1.5</u>	<u>10152</u>	<u>232.6</u>	<u>745</u>	<u>17.1</u>
BOHOL.....	4831	566.4	16	1.9	1528	179.1	162	19.0
CEBU.....	4096	297.8	13	0.9	5387	391.6	189	13.7
NEGROS OR.....	2754	345.6	1	0.1	1683	211.2	61	7.7
SIQUIJOR.....	144	183.7	0	-	795	1014.3	29	37.0
BAIS CITY.....	118	215.3	0	-	19	34.7	8	14.6
CANLAON CITY.....	18	56.5	7	22.0	4	12.6	3	9.4
CEBU CITY.....	495	83.1	1	0.2	384	64.4	147	24.7
DANAO CITY.....	0	-	0	-	24	36.8	14	21.5
DUMAGUETE CITY....	14	18.5	1	1.3	86	113.7	48	63.5
LAPU-LAPU CITY....	598	493.9	27	22.3	45	37.2	19	15.7
MANDAWE CITY.....	4	2.5	0	-	80	50.4	27	17.0
TAGBILARAN CITY...	14	29.3	0	-	19	39.7	17	35.6
TOLEDO CITY.....	131	118.9	0	-	98	89.0	21	19.1
<u>REGION 8</u>	<u>19642</u>	<u>616.6</u>	<u>107</u>	<u>3.4</u>	<u>7031</u>	<u>220.7</u>	<u>695</u>	<u>21.8</u>
LEYTE DEL NORTE...	5020	409.4	65	5.3	3318	270.6	294	24.0
LEYTE DEL SUR.....	2437	694.4	15	4.3	1324	377.2	52	14.8
EASTERN SAMAR.....	2841	760.0	12	3.2	432	115.6	50	13.4
NORTHERN SAMAR....	3609	798.5	6	1.3	1084	239.8	62	13.7
WESTERN SAMAR.....	5622	1370.3	5	1.2	794	193.5	122	29.7
CALBAYOG CITY.....	61	51.1	1	0.8	24	20.1	22	18.4
ORMOC CITY.....	14	11.2	1	0.8	30	24.1	26	20.9
TACLOBAN CITY.....	38	29.7	2	1.6	25	19.5	67	52.2
<u>REGION 9</u>	<u>88487</u>	<u>2955.1</u>	<u>15</u>	<u>0.5</u>	<u>12707</u>	<u>424.4</u>	<u>340</u>	<u>11.4</u>
BASILAN.....	962	398.6	0	-	69	28.6	28	11.6
SULU.....	6202	1472.9	0	-	4112	976.6	18	4.3
TAWI-TAWI.....	4275	823.0	0	-	468	205.3	1	0.4
ZAMB. DEL NORTE...	22872	4151.7	3	0.5	3916	710.8	44	8.0
ZAMB. DEL SUR.....	46191	5057.6	11	1.2	3767	412.5	107	11.7

TABLE 16

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Pop.
PHILIPPINES
1987

121

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
DAPITAN CITY.....	286	457.4	0	-	99	158.3	9	14.4
DIPOLOG CITY.....	421	564.6	1	1.3	77	103.3	31	41.6
PAGADIAN CITY.....	6620	6792.9	0	-	99	101.6	24	24.6
ZAMBOANGA CITY.....	658	162.4	0	-	100	24.7	78	19.2
REGION 10	32938	983.2	37	1.1	6396	190.9	680	20.3
AGUSAN DEL NORTE.....	3747	1611.9	1	0.4	2350	1010.9	35	15.1
AGUSAN DEL SUR.....	1006	305.2	1	0.3	323	98.0	83	25.2
BUKIDNON.....	9163	1196.0	2	0.3	1220	159.2	137	17.9
CAMIGUIN.....	1343	2169.5	1	1.6	190	306.9	7	11.3
MISAMIS OCC.....	6235	2389.8	5	1.9	365	139.9	36	13.8
MISAMIS OR.....	3867	870.2	1	0.2	375	84.4	73	16.4
SURIGAO DEL NORTE..	4144	1192.6	4	1.2	486	139.9	42	12.1
BUTUAN CITY.....	854	406.9	3	1.4	450	214.4	74	35.3
CAGAYAN DE ORO.....	254	80.6	9	2.9	443	140.6	96	30.5
GINGOOG CITY.....	227	235.9	1	1.0	44	45.7	30	31.2
OROQUIETA CITY.....	1001	1791.7	1	1.8	25	44.7	8	14.3
OZAMIS CITY.....	864	955.1	4	4.4	64	70.8	22	24.3
SURIGAO CITY.....	9	9.5	0	-	53	55.7	32	33.6
TANGUB CITY.....	224	504.9	4	9.0	8	18.0	5	11.3
REGION 11	69736	1729.4	27	0.7	11797	292.6	830	20.6
COTABATO SOUTH.....	10421	1456.7	6	0.8	3099	433.2	118	16.5
DAVAO DEL NORTE.....	7584	888.6	0	-	1155	135.3	229	26.8
DAVAO ORIENTAL.....	12452	3065.5	4	1.0	3089	760.5	46	11.3
DAVAO DEL SUR.....	32212	5337.7	1	0.2	2237	370.7	97	16.1
SURIGAO DEL SUR.....	6069	1324.6	12	2.6	1208	263.7	71	15.5
DAVAO CITY.....	575	73.2	2	0.3	251	32.0	216	27.5
GEN. SANTOS CITY...	423	200.9	2	1.0	758	360.1	53	25.2
REGION 12	49132	1797.7	3	0.1	10134	370.8	378	13.8
COTABATO NORTH.....	4155	598.9	1	0.1	929	133.9	61	8.8
LANAO DEL NORTE.....	22368	6077.3	0	-	3262	886.3	3	0.3
LANAO DEL SUR.....	7714	1902.5	0	-	1598	394.1	22	5.4
MAGUINDANAO.....	9891	1862.1	0	-	1214	228.6	101	19.0
SULTAN KUDARAT.....	4339	1132.3	1	0.3	1547	403.7	49	12.8
COTABATO CITY.....	92	91.9	0	-	55	54.9	53	52.9
ILIGAN CITY.....	573	299.5	1	0.5	1511	789.7	74	38.7
MARAWI CITY.....	0	-	0	-	18	30.0	15	25.0

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

W E E K	Typhoid and Paratyphoid Fever and Other Salmonella Infection (002;003)			Diarrheas (004-009)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
1.....	217	138	300	8747	6765	13902
2.....	225	130	297	9006	6787	13097
3.....	161	78	275	9342	6716	13110
4.....	206	74	221	10061	7092	13117
5.....	205	107	259	9250	7165	12627
6.....	246	120	261	9372	7453	11192
7.....	189	124	272	9498	7212	12073
8.....	245	205	260	10332	8030	10922
9.....	221	143	261	9592	7678	9920
10.....	168	98	293	10264	7967	14462
11.....	190	82	297	10173	7795	13322
12.....	181	102	314	9349	7048	12952
13.....	161	93	257	9019	7142	13006
14.....	219	164	252	9046	7431	12942
15.....	236	147	273	9659	7412	11386
16.....	199	129	268	9087	7218	12386
17.....	191	135	276	8973	6942	9756
18.....	219	150	252	8608	6909	8677
19.....	225	146	310	10407	8354	10781
20.....	227	125	259	10275	7863	12133
21.....	284	183	269	11322	8960	10984
22.....	238	173	345	11550	8654	12322
23.....	240	173	295	12658	5578	11113
24.....	201	131	296	11776	9379	11314
25.....	292	191	271	11746	9094	10301
26.....	264	178	259	10548	8707	8852

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

W E E K	Typhoid and Paratyphoid Fever and Other Salmonella Infection (002;003)			Diarrheas (004-009)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
27.....	249	150	156	10998	8235	8107
28.....	263	172	281	11812	9454	13462
29.....	264	177	239	12387	9686	12078
30.....	242	176	243	11234	9596	12966
31.....	204	182	280	10193	9232	13072
32.....	225	172	252	10450	8053	12695
33.....	207	165	358	9926	8430	10085
34.....	219	143	232	10352	7929	11121
35.....	168	141	295	8641	6255	9791
36.....	179	137	247	9330	6109	8340
37.....	232	171	342	10717	9410	8701
38.....	289	204	322	10499	9084	8541
39.....	238	171	328	11011	8952	7497
40.....	268	188	444	9810	8286	7804
41.....	228	174	348	9029	7641	12987
42.....	231	186	358	9528	7540	13016
43.....	252	227	302	9020	7236	12574
44.....	198	144	396	9025	6273	12666
45.....	295	242	363	9400	6739	11844
46.....	261	236	370	10170	6632	11867
47.....	239	178	375	9489	6127	11270
48.....	194	130	332	8303	5417	10943
49.....	165	115	351	8015	4784	12971
50.....	183	146	301	7683	4860	10169
51.....	151	103	330	7332	4757	9758
52.....	145	104	253	7158	5135	10884

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

W E E K	Diphtheria (032)			Whooping Cough (033)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
1.....	61	49	38	444	377	263
2.....	43	39	30	325	286	260
3.....	43	36	29	455	313	236
4.....	38	35	40	416	366	171
5.....	37	30	36	402	312	197
6.....	52	41	26	476	413	176
7.....	50	41	33	409	369	256
8.....	56	39	52	397	337	154
9.....	56	45	17	371	350	171
10.....	38	32	18	410	360	219
11.....	50	35	41	400	380	293
12.....	39	36	49	366	343	294
13.....	34	28	18	445	337	202
14.....	44	32	37	361	295	272
15.....	43	35	34	396	328	174
16.....	33	27	17	411	362	177
17.....	42	32	16	353	341	129
18.....	31	24	14	312	253	115
19.....	36	33	24	413	355	143
20.....	42	35	33	361	327	193
21.....	41	33	24	469	431	142
22.....	42	38	33	375	356	110
23.....	35	32	16	391	271	129
24.....	33	27	20	301	236	99
25.....	42	26	25	298	265	133
26.....	38	29	22	375	246	111

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

125

W E E K	Diphtheria (032)			Whooping Cough (033)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
27.....	48	44	22	420	349	82
28.....	37	31	31	343	318	124
29.....	33	29	18	365	325	111
30.....	39	35	25	358	303	118
31.....	41	32	24	330	322	117
32.....	37	32	25	377	275	125
33.....	28	26	114	350	278	105
34.....	35	30	30	297	278	128
35.....	35	32	25	318	304	127
36.....	33	28	19	344	280	98
37.....	25	17	21	351	308	174
38.....	30	26	25	350	281	174
39.....	33	24	24	399	293	236
40.....	30	23	31	350	321	170
41.....	34	16	28	341	301	270
42.....	34	27	12	327	285	191
43.....	34	30	23	308	297	180
44.....	22	18	40	288	251	177
45.....	22	21	13	296	227	175
46.....	32	21	38	337	299	191
47.....	31	16	17	346	280	173
48.....	41	28	19	342	260	180
49.....	39	26	28	297	257	200
50.....	32	26	19	272	239	169
51.....	42	37	14	272	233	130
52.....	30	13	16	244	192	112

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

WEEK	Tetanus (037)			Poliomyelitis (045;138)			Varicella (052)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
1.....	83	68	89	9	7	5	39	27	173
2.....	68	55	56	13	10	63	38	31	151
3.....	57	55	68	8	7	6	56	46	148
4.....	75	68	59	5	4	2	72	50	211
5.....	109	70	74	8	7	3	68	54	230
6.....	63	58	58	8	7	2	77	71	144
7.....	65	62	54	10	7	4	77	69	194
8.....	60	54	61	16	10	24	81	55	321
9.....	81	77	47	13	10	3	105	86	99
10.....	60	58	64	8	7	2	119	81	197
11.....	64	62	76	9	6	11	106	97	202
12.....	70	60	58	7	5	16	109	78	166
13.....	74	67	62	13	9	7	90	60	208
14.....	71	67	71	8	6	4	100	78	190
15.....	77	66	49	6	6	8	70	61	135
16.....	81	70	45	5	4	3	94	79	214
17.....	62	59	50	9	7	7	61	60	125
18.....	64	59	50	8	5	2	64	60	73
19.....	74	65	46	6	4	5	100	65	127
20.....	65	58	75	7	5	7	41	25	133
21.....	68	62	62	12	8	4	49	36	126
22.....	66	60	64	7	7	3	47	34	132
23.....	66	54	62	9	7	4	55	38	110
24.....	60	50	52	13	9	2	36	25	126
25.....	60	56	47	6	5	11	39	34	107
26.....	62	61	33	11	9	3	39	26	120

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

127

WEEK	Tetanus (037)			Poliomyelitis (045;138)			Varicella (052)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
27.....	78	67	37	10	7	2	64	29	112
28.....	78	74	42	20	12	4	43	24	132
29.....	62	60	58	13	10	4	31	20	107
30.....	57	45	55	14	11	6	35	21	122
31.....	79	63	56	10	7	6	36	18	91
32.....	59	53	48	17	13	9	24	16	106
33.....	58	50	47	13	9	3	22	18	190
34.....	58	52	64	14	12	4	41	29	88
35.....	60	52	39	6	4	8	27	25	62
36.....	68	55	30	5	4	3	34	29	68
37.....	57	54	53	14	7	3	26	21	106
38.....	57	49	51	11	9	3	27	23	71
39.....	62	61	55	5	4	2	31	22	85
40.....	61	56	55	4	3	1	58	38	64
41.....	59	48	50	10	8	8	32	20	89
42.....	56	52	44	9	4	1	58	36	80
43.....	52	45	123	6	4	1	37	34	54
44.....	53	43	59	6	5	7	59	43	73
45.....	44	42	60	5	4	7	38	34	96
46.....	57	47	65	7	7	5	34	23	71
47.....	49	46	44	9	9	5	31	27	56
48.....	45	39	61	7	6	13	34	19	50
49.....	45	39	46	6	4	6	24	16	39
50.....	34	27	60	7	6	2	33	24	61
51.....	46	36	57	5	4	2	30	20	54
52.....	38	36	19	6	4	1	9	5	47

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

WEEK	Measles (055)			H - Fever (061;065)			Infectious Hepatitis (070)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
1.....	1109	1003	1937	46	26	30	321	267	276
2.....	1158	1015	1886	33	20	27	293	217	274
3.....	1145	1055	1854	38	29	28	230	211	288
4.....	1289	1097	1772	35	28	23	272	227	294
5.....	1271	1145	2270	32	18	21	284	243	296
6.....	1334	1255	2095	52	31	20	298	230	271
7.....	1485	1363	2336	46	29	38	296	249	305
8.....	1526	1316	2494	53	26	26	302	269	261
9.....	1574	1376	1987	71	33	56	272	222	296
10.....	1565	1359	2798	51	32	40	297	275	310
11.....	1557	1261	2735	46	30	36	321	252	320
12.....	1651	1343	2733	26	15	27	310	269	351
13.....	1503	1170	2490	45	16	38	277	254	317
14.....	1615	1354	2354	18	13	30	310	280	378
15.....	1610	1324	2121	30	16	38	320	238	183
16.....	1511	1344	2276	16	11	40	258	193	401
17.....	1469	1267	1787	48	13	31	250	221	232
18.....	1285	1066	1561	19	15	16	257	235	256
19.....	1288	919	1924	24	15	15	276	218	303
20.....	1391	1156	2329	23	20	22	266	221	280
21.....	1478	1156	1868	24	18	19	316	262	309
22.....	1403	1094	1747	31	13	13	336	254	287
23.....	1349	955	1615	21	12	18	261	208	281
24.....	1235	949	1511	29	17	23	274	225	245
25.....	1033	878	1223	42	24	20	260	236	251
26.....	1103	799	1019	25	23	14	283	213	217

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

WEEK	Measles (055)			H - Fever (061;065)			Infectious Hepatitis (070)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
27.....	1013	756	725	29	19	28	280	203	172
28.....	1038	865	1206	53	23	48	283	224	334
29.....	1066	762	1275	23	17	42	303	231	262
30.....	1022	755	1102	31	21	20	264	211	300
31.....	962	771	1244	27	22	33	292	230	305
32.....	1040	804	1235	42	23	24	275	203	291
33.....	1041	805	1314	44	26	46	298	230	324
34.....	1032	743	1230	32	30	54	280	217	333
35.....	949	703	1059	31	30	25	220	176	266
36.....	944	642	777	32	26	27	274	180	264
37.....	1105	799	1133	44	36	37	301	234	355
38.....	1008	690	1312	28	26	25	271	222	343
39.....	1023	746	1021	30	21	29	247	201	324
40.....	1019	762	1094	40	33	22	261	226	326
41.....	949	605	1392	44	30	28	229	190	435
42.....	798	580	1196	25	21	27	201	159	803
43.....	959	576	1057	24	21	49	227	168	384
44.....	933	601	1213	62	26	57	177	154	420
45.....	975	618	1141	21	17	35	227	172	486
46.....	988	694	1233	35	28	27	282	256	310
47.....	881	648	1102	41	33	23	301	213	311
48.....	702	512	1137	32	29	56	216	161	254
49.....	790	556	1196	30	22	40	189	139	305
50.....	695	454	995	37	27	89	171	131	276
51.....	718	419	977	25	18	54	183	142	207
52.....	645	411	808	34	20	42	168	118	212

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

WEEK	Bronchitis (466)			Pneumonias (480;486)			Influenza (487)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
1.....	12471	8684	14914	3828	2959	4222	7696	6313	11378
2.....	11787	8339	14755	3461	2575	3895	7500	6202	11835
3.....	12455	9218	13793	3719	2837	3801	8097	6420	12060
4.....	12217	8200	13283	3833	2789	3728	8714	6663	10513
5.....	13172	9833	14471	3941	3108	3933	7924	5896	10404
6.....	12976	10080	11626	4081	3032	3485	7999	6319	9564
7.....	13487	10660	12224	3834	2808	3617	8082	6113	10304
8.....	13284	10277	11225	3895	3021	3320	8189	6376	8624
9.....	11681	9019	10821	3734	2914	3205	7220	5785	7323
10.....	12626	9771	15945	4153	3304	4429	8569	6555	12094
11.....	12574	9428	15690	3741	2898	4215	7858	5864	11263
12.....	12066	8933	13795	3660	2731	4286	7319	5596	10398
13.....	10885	8037	13369	3426	2578	4195	6551	5018	10123
14.....	16526	8940	13250	3391	2776	3820	7440	5374	10214
15.....	11149	8706	11660	3974	2662	3508	6006	4808	8985
16.....	10765	8886	11904	3512	2595	3771	5942	4912	9332
17.....	9704	8258	9240	3561	2509	2915	7166	5637	7175
18.....	8724	7518	8664	2981	2292	2568	6689	5163	6657
19.....	11376	7710	9647	3615	2602	3216	9301	7561	7906
20.....	10598	7810	10897	3569	2512	3372	9271	6932	8509
21.....	10122	6237	10011	3696	2762	3072	9990	7036	7353
22.....	9914	6502	10562	3784	2801	3072	9968	6450	7488
23.....	10415	7150	9902	3783	3161	1739	10606	7105	7833
24.....	9459	6872	9506	3363	2599	2572	9744	6896	7676
25.....	9368	6351	8212	3469	2699	2347	9359	5630	6714
26.....	7950	6488	5820	3233	2303	1891	8138	6178	5354

TABLE 17

NOTIFIABLE DISEASES: REPORTED CASES & EXPECTED (QUARTILE)
LIMITS OF OCCURRENCE BY WEEK
PHILIPPINES
1987

131

WEEK	Bronchitis (466)			Pneumonias (480;486)			Influenza (487)		
	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987	Upper Limit	Lower Limit	1987
27.....	10141	7425	6390	2598	2348	1813	8388	5459	4551
28.....	11353	8829	11620	3830	2950	2785	10013	7339	9401
29.....	11581	8947	11147	3726	2814	3118	9074	6716	9861
30.....	8076	6387	12381	3643	2696	3254	8716	7186	10279
31.....	9742	7936	14433	3549	2719	3663	7856	5917	10992
32.....	10704	8189	14459	3776	2645	3887	8145	5566	12161
33.....	10112	7965	11280	2589	2443	3315	7670	5873	9512
34.....	9636	7485	10876	3256	2526	3384	7814	6171	9259
35.....	8709	6637	10687	3055	2381	2960	6671	5138	8199
36.....	9548	6718	9015	3727	2821	2561	6698	5326	7149
37.....	11792	9387	14658	3981	3585	4130	7637	7041	12614
38.....	11809	9453	14139	4084	3566	3980	7615	6244	11673
39.....	10767	9348	13799	3977	3850	4098	7485	5992	10498
40.....	10232	9512	12945	3769	3591	3682	7706	6100	9674
41.....	9296	7056	17108	3605	3333	4430	7022	5278	12577
42.....	9062	8465	16242	3373	3163	4396	6486	5371	11995
43.....	10160	9116	14282	3526	3028	4055	6611	4913	10419
44.....	8406	6867	16381	2727	2344	4434	5313	4244	12052
45.....	9101	7558	14642	3340	2755	3993	5701	4026	11272
46.....	11064	8803	14725	3404	2938	4156	7425	5872	10679
47.....	11524	8460	14027	3247	2561	4851	7255	5667	9597
48.....	10825	7184	13416	2834	2726	3746	6384	5176	9557
49.....	11404	6976	15943	2786	2160	4316	6371	4904	10786
50.....	10867	6968	12401	2426	1846	3424	5893	5094	8475
51.....	9819	6622	11161	2780	2101	3443	6554	5545	8055
52.....	8572	5747	9434	2344	1769	3075	5259	4241	6795

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

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
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
1968.....	708	2.0	240	0.7
1967.....	274	0.8	168	0.5

TABLE 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

133

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
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	1161821	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	69.2
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
1968.....	179129	499.2	14795	41.2	127339	354.9	29600	82.5
1967.....	177860	513.2	15091	43.5	120647	348.1	28590	82.5

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

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
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
1968.....	513	1.4	84	0.2	1253	3.5	622	1.7
1967.....	570	1.6	78	0.2	1277	3.7	486	1.4

TABLE 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

133

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
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	1161821	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	69.2
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
1968.....	179129	499.2	14795	41.2	127339	354.9	29600	82.5
1967.....	177860	513.2	15091	43.5	120647	348.1	28590	82.5

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

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
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
1968.....	513	1.4	84	0.2	1253	3.5	622	1.7
1967.....	570	1.6	78	0.2	1277	3.7	486	1.4

No. & Rate/100,000 Pop.

PHILIPPINES

1967 - 1987

Y E A R	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
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	913	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
1968.....	22250	62.0	101	0.3	4113	11.5	3554	9.9
1967.....	17771	51.3	125	0.4	3974	11.5	3314	9.6

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop. ,
PHILIPPINES
1967 - 1987

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
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
1968.....	568	1.6	258	0.7	3712	10.3	40	0.1
1967.....	466	1.3	186	0.5	3323	9.6	23	0.07

TABLE 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

137

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
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.....	22999	55.5	3533	8.5	665	1.6	153	0.4
1973.....	28568	71.0	4866	12.1	710	1.8	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
1968.....	19555	54.5	2122	5.9	1116	3.1	115	0.3
1967.....	18074	52.2	1781	5.1	1371	4.0	105	0.3

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

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
1987.....	16084	26.0	817	1.4	121097	211.1	1226	2.1
1986.....	14523	25.9	728	1.3	124153	221.7	1156	2.1
1985.....	16022	29.3	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.....	7391	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	25338	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
1968.....	3458	9.6	428	1.2	28354	79.0	1061	3.0
1967.....	3175	9.2	387	1.1	31441	90.7	1147	3.3

TABLE 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

139

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
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
1968.....	99	0.3	89	0.2	8614	24.0	5	0.01
1967.....	66	0.2	63	0.2	3902	11.3	13	0.04

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

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
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	0.005
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
1968.....	2734	7.6	469	1.3	11	0.03	3	0.008
1967.....	2459	7.1	559	1.6	9	0.03	3	0.009

TABLE 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

141

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
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	31.6
1968.....	8810	24.6	8712	24.3	289026	805.5	1197	33.4
1967.....	8294	23.9	8229	23.7	270600	780.8	12265	35.4

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

TABLE 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
No. & Rate/100,000 Pop.
PHILIPPINES
1967 - 1987

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
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
1968.....	77861	217.0	43444	121.2	336143	936.8	2310	6.4
1967.....	76799	221.6	39320	113.5	166848	481.4	2149	6.2

TYPHOID & PARATYPHOID & OTHER SALMONELLA INFECTIONS
MORBIDITY & MORTALITY TRENDS
Rate per 100,000 population
PHILIPPINES
1967-1987

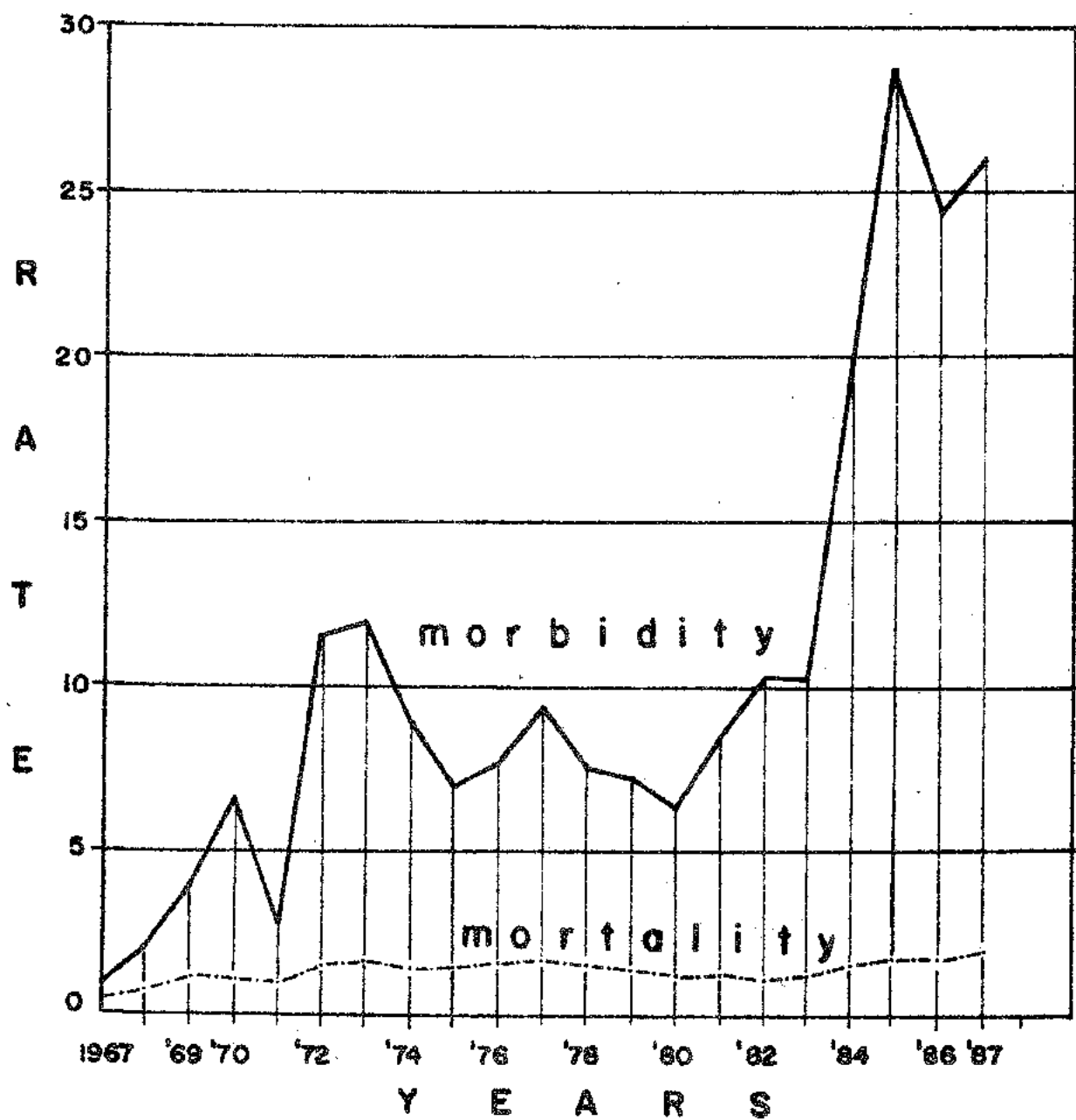


Fig. II

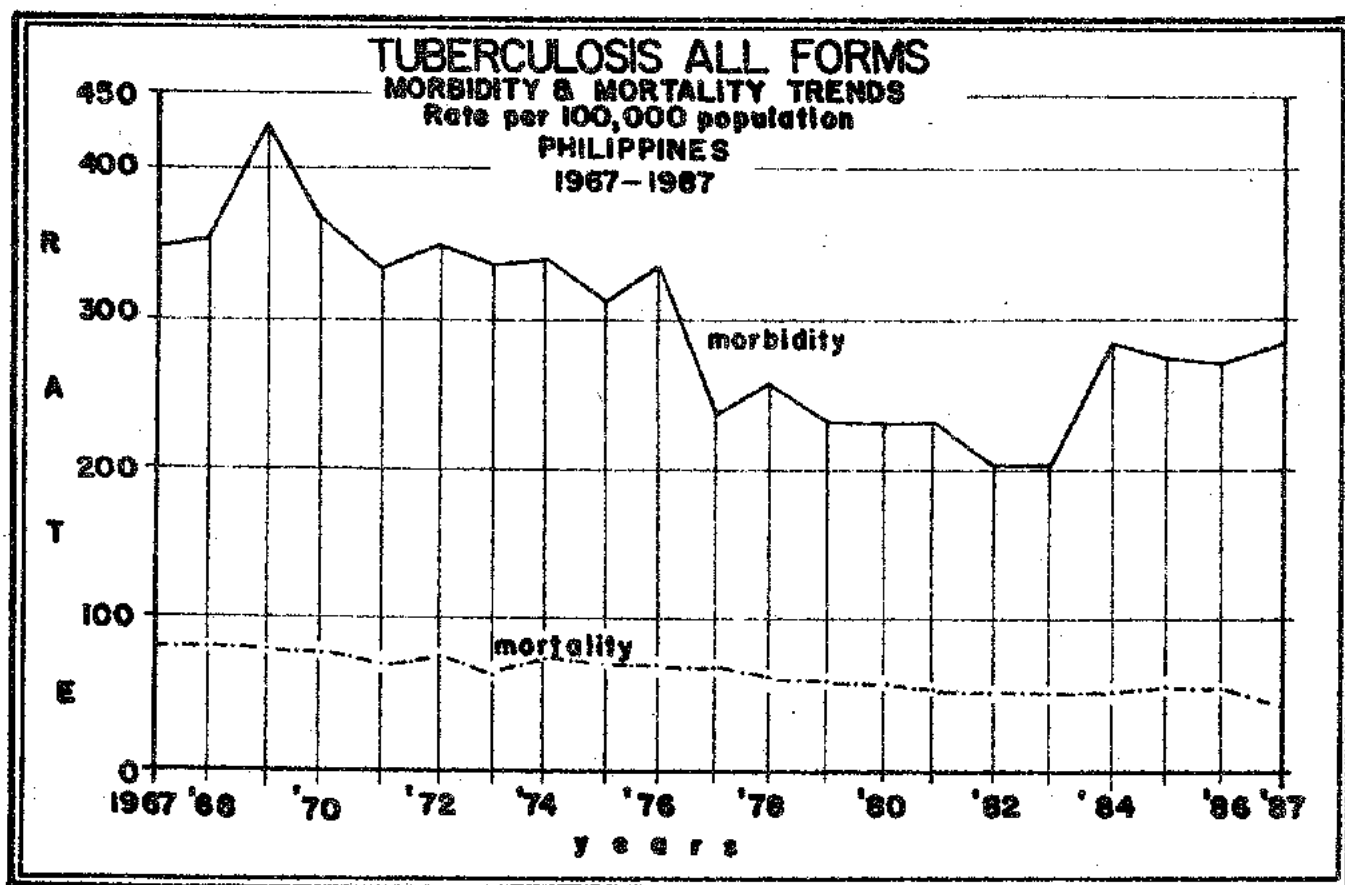
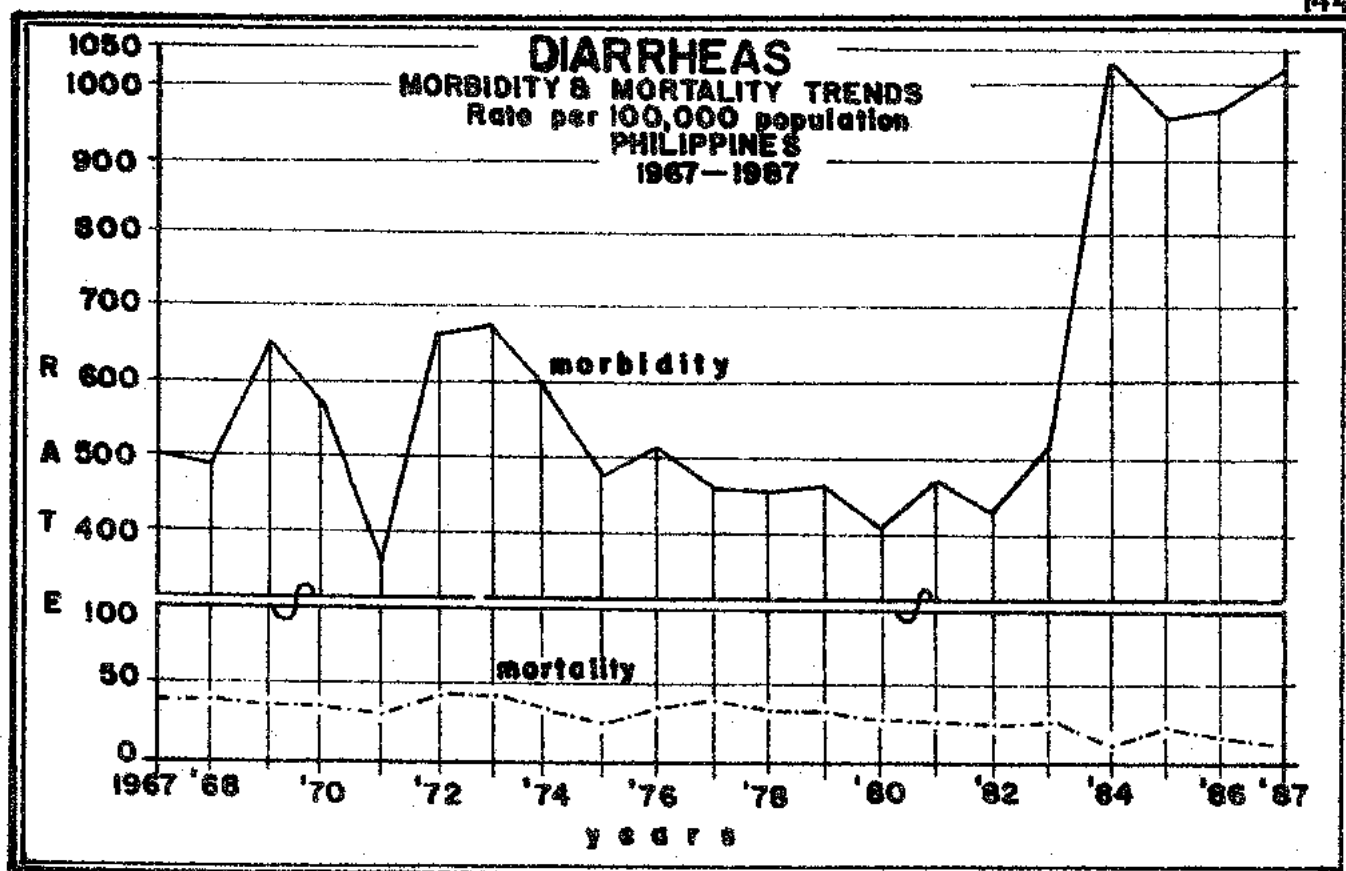
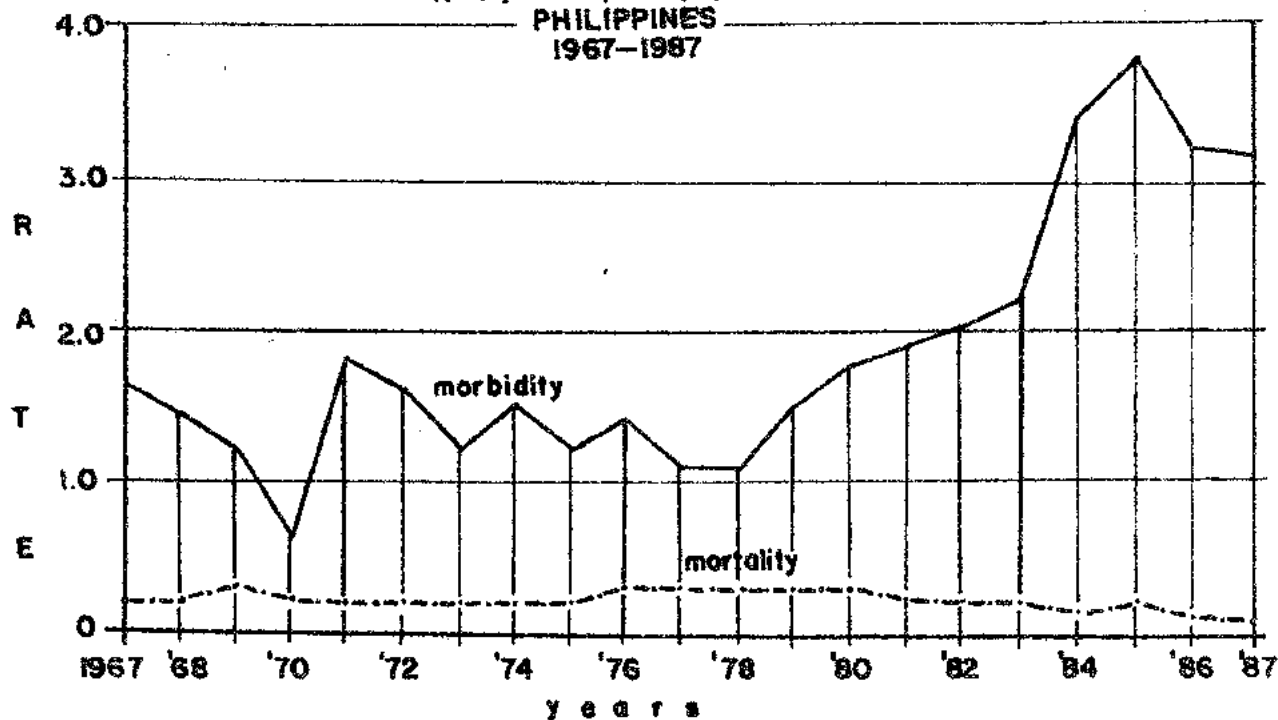


Fig. 12

LEPROSY

MORBIDITY & MORTALITY TRENDS
Rate per 100,000 population
PHILIPPINES
1967-1987



DIPHTHERIA

MORBIDITY & MORTALITY TRENDS
Rate per 100,000 population
PHILIPPINES
1967-1987

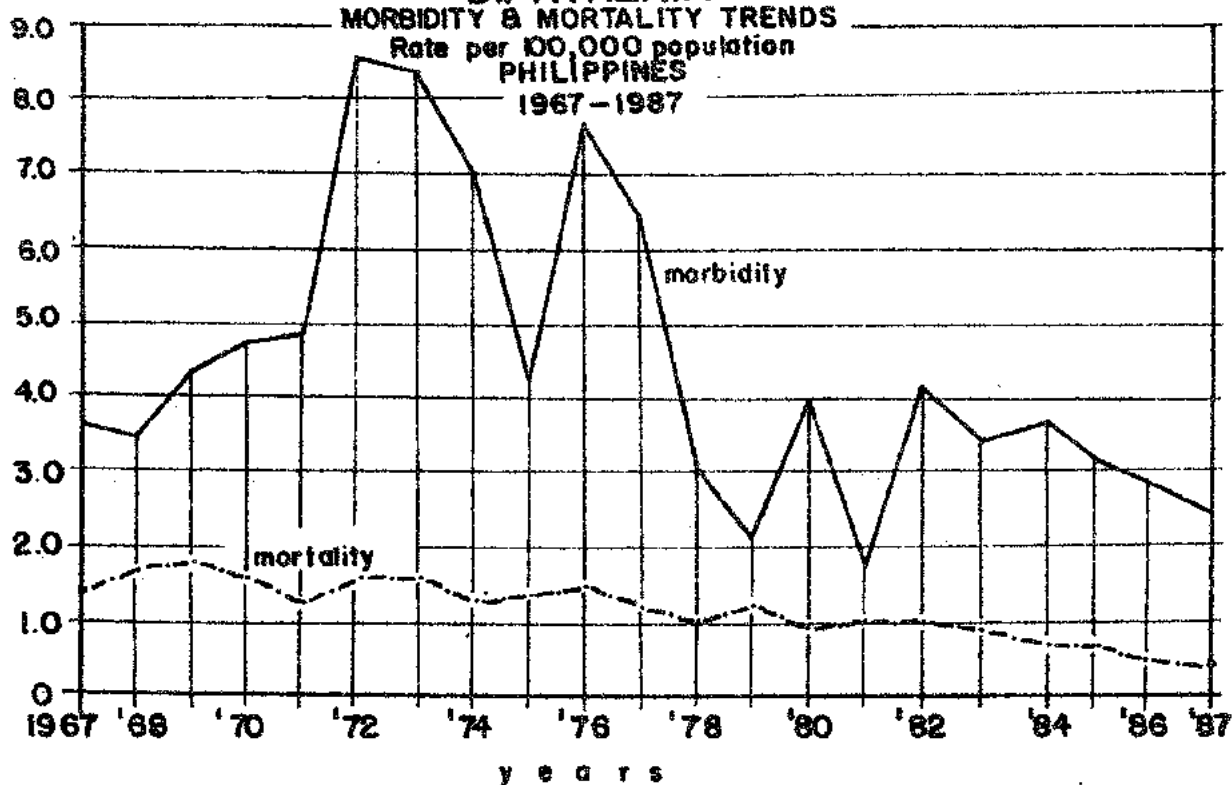
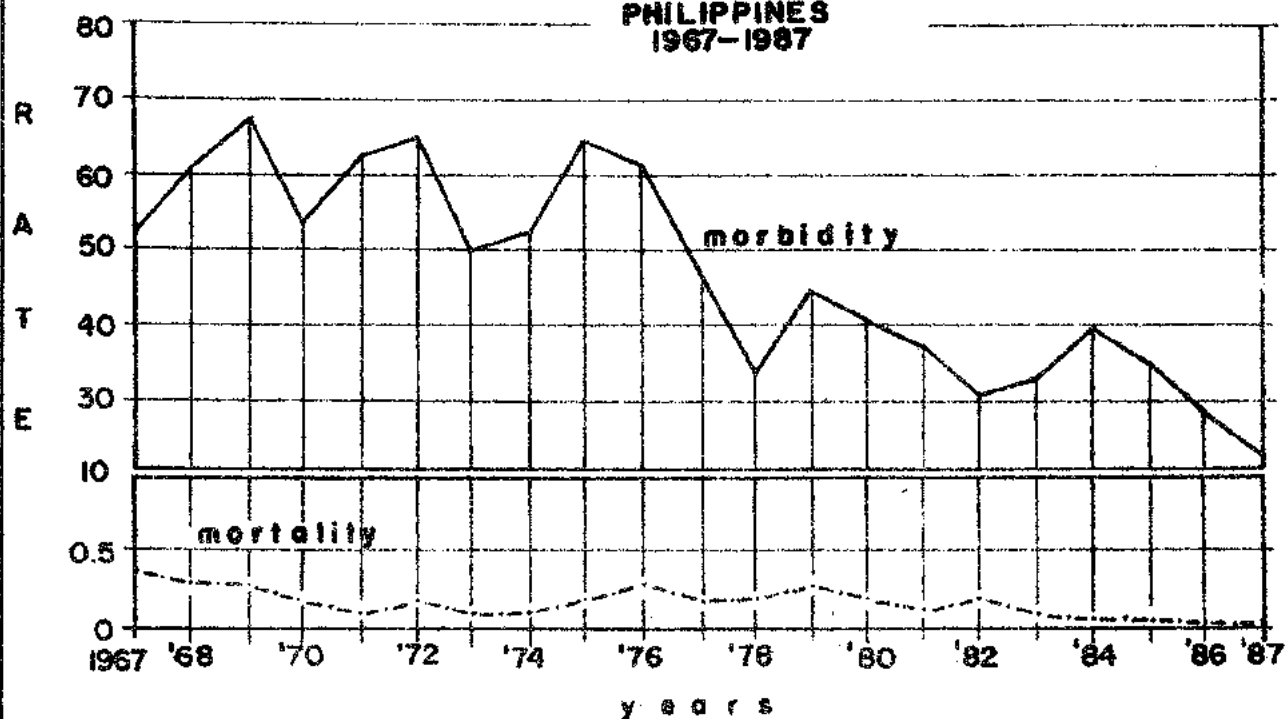


Fig. 13

WHOOPING COUGH **MORBIDITY & MORTALITY TRENDS** Rate per 100,000 population **PHILIPPINES** 1967-1987



TETANUS **MORBIDITY & MORTALITY TRENDS** Rate per 100,000 population **PHILIPPINES** 1967-1987

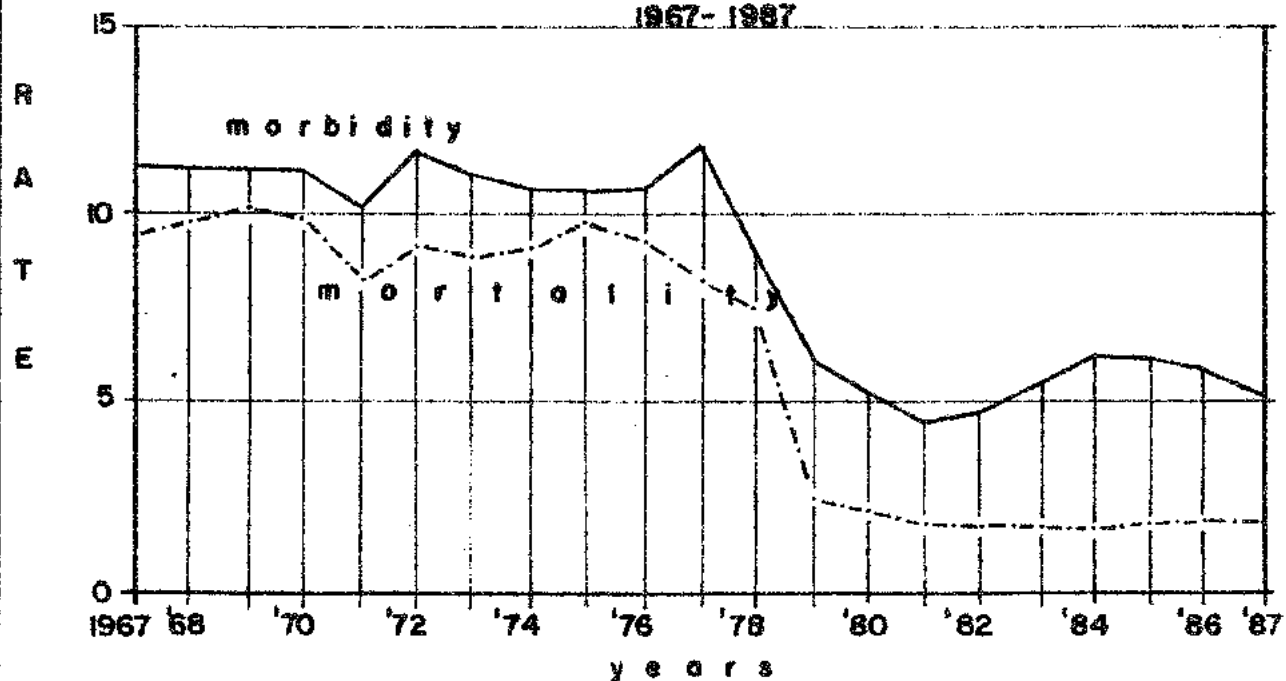
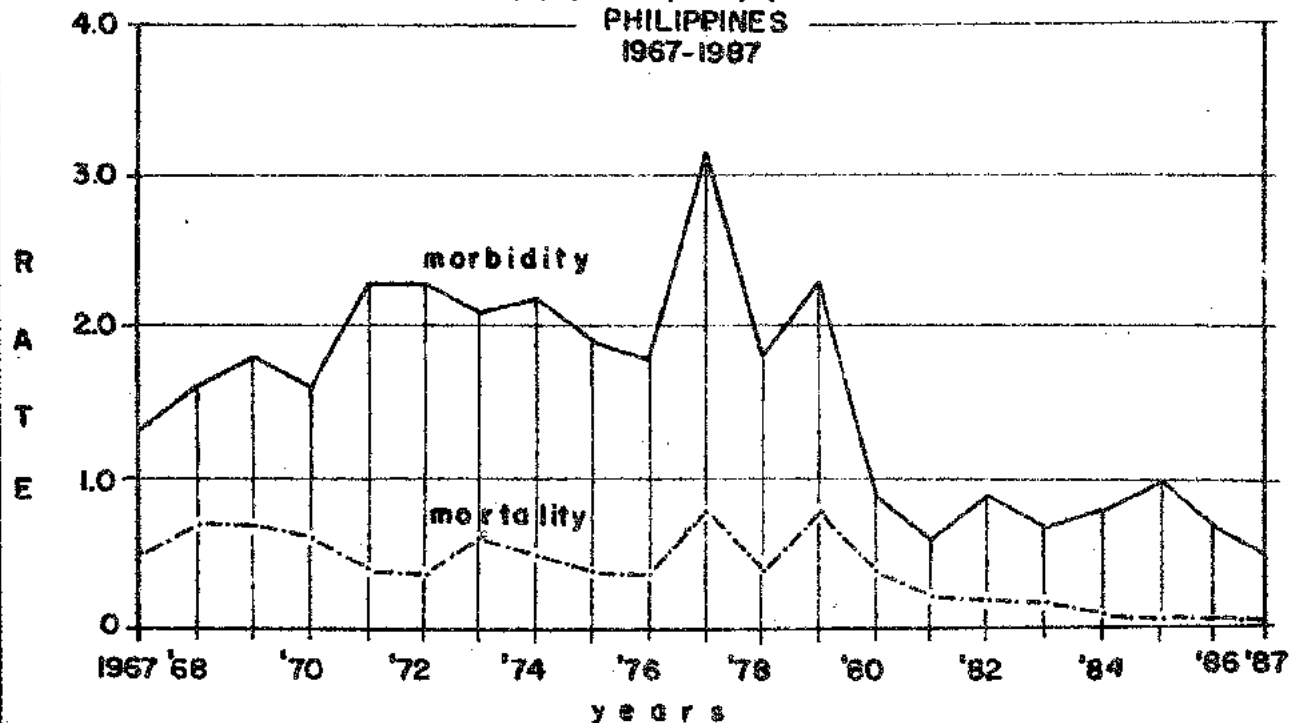


Fig. 14

ACUTE POLIOMYELITIS **MORBIDITY & MORTALITY TRENDS**

Rate per 100,000 population

PHILIPPINES
1967-1987



VARICELLA **MORBIDITY & MORTALITY TRENDS**

Rate per 100,000 population

PHILIPPINES
1967-1987

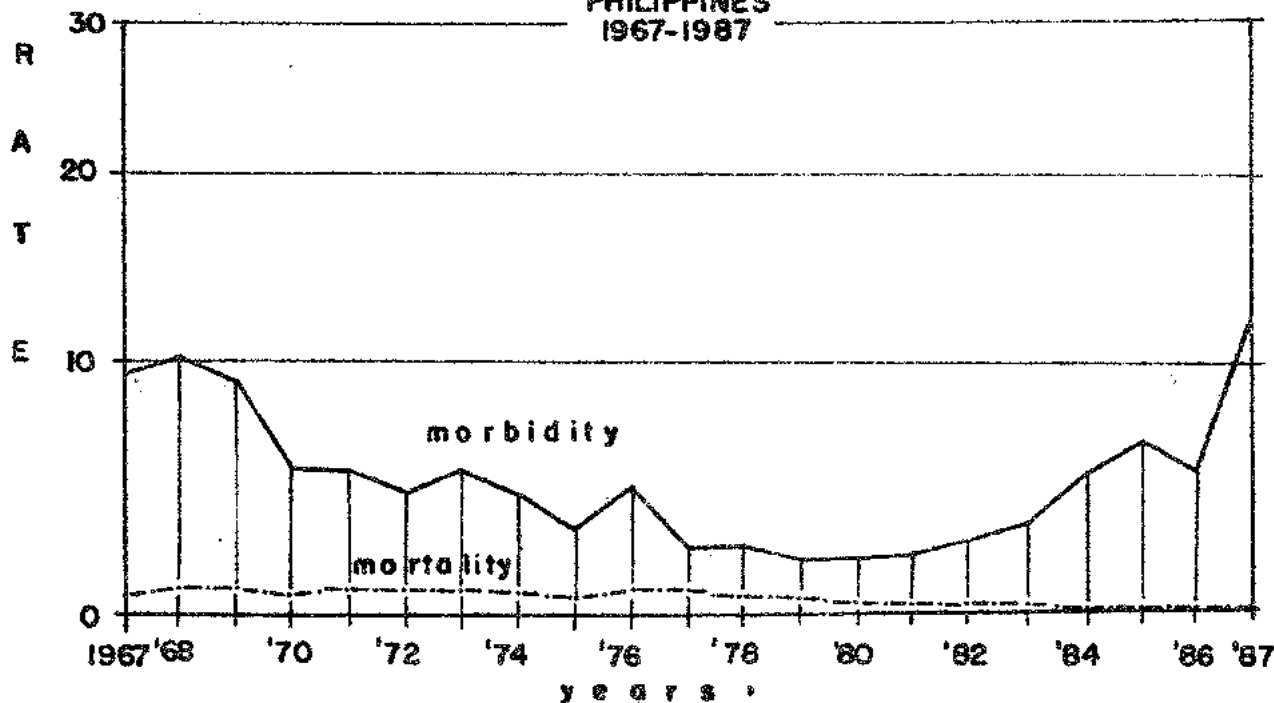


Fig. 15

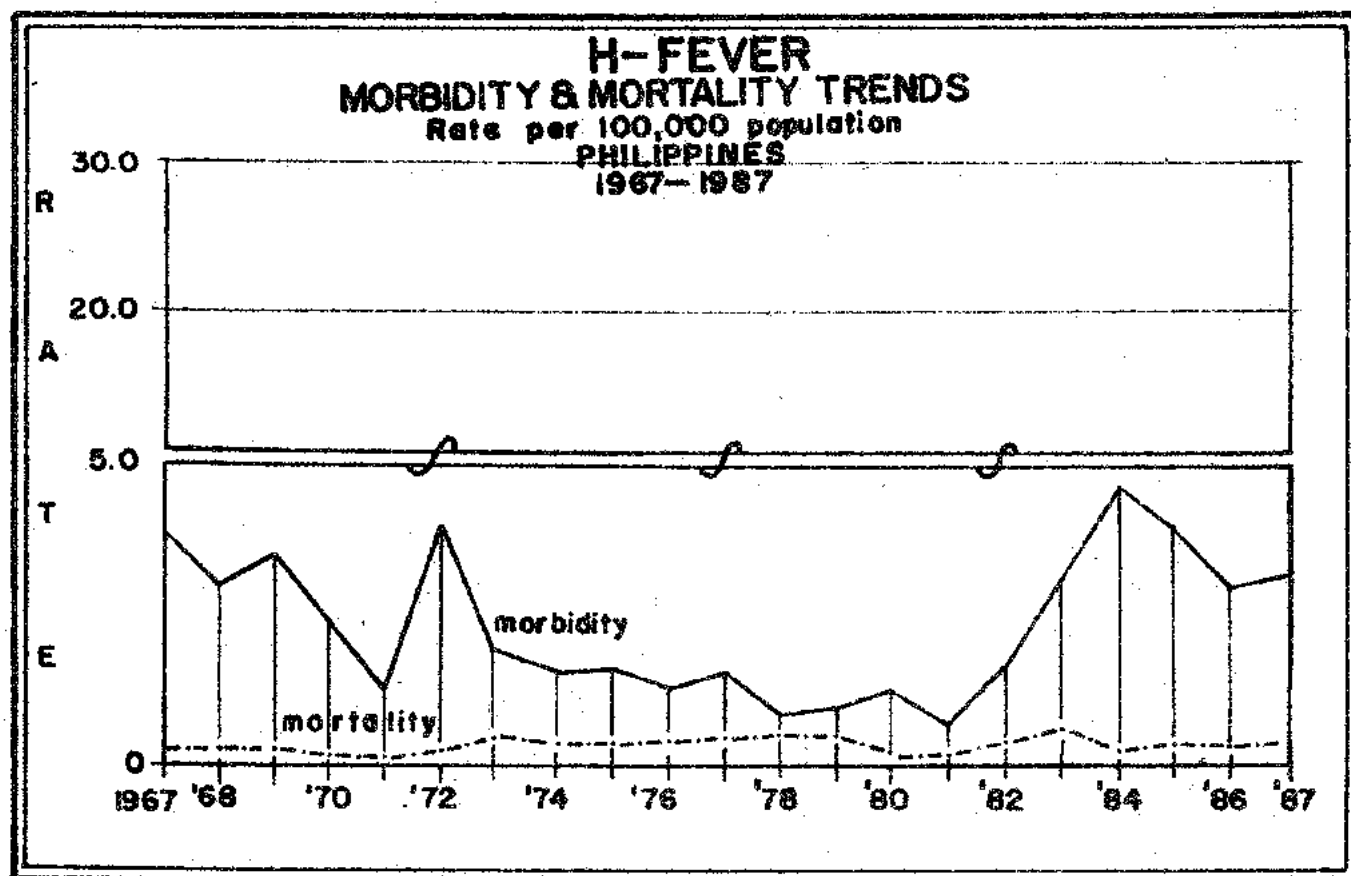
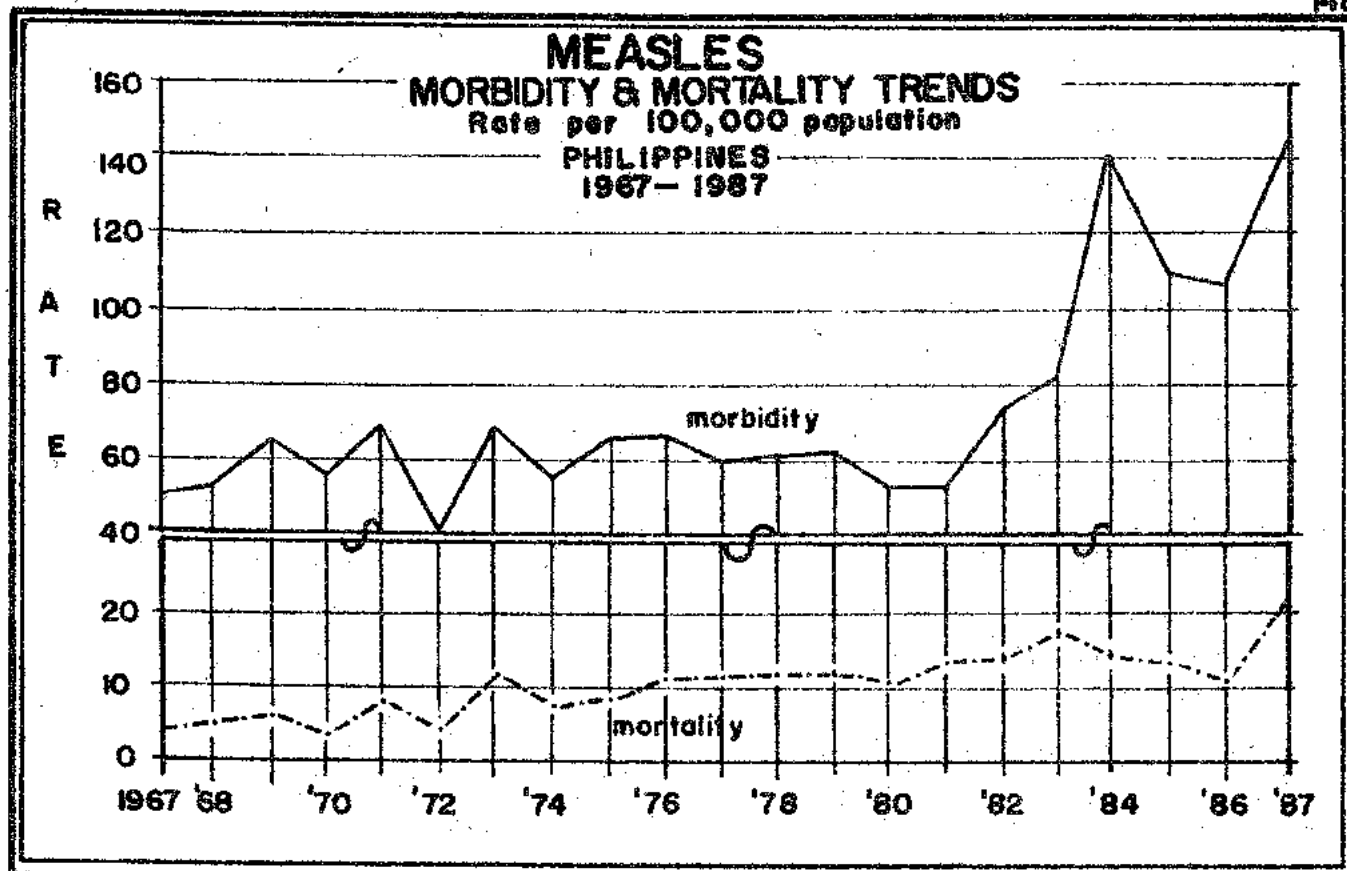


Fig. 16

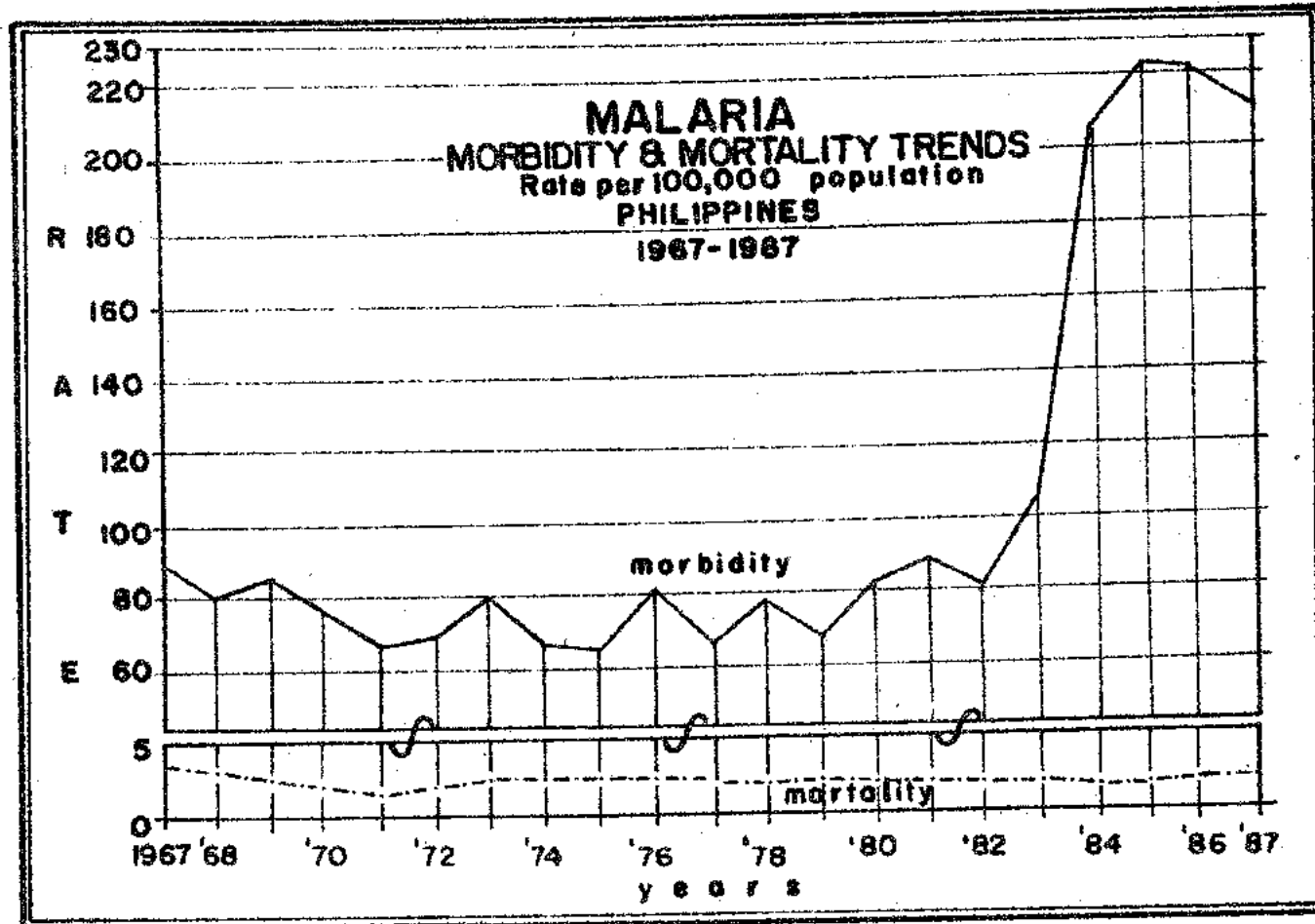
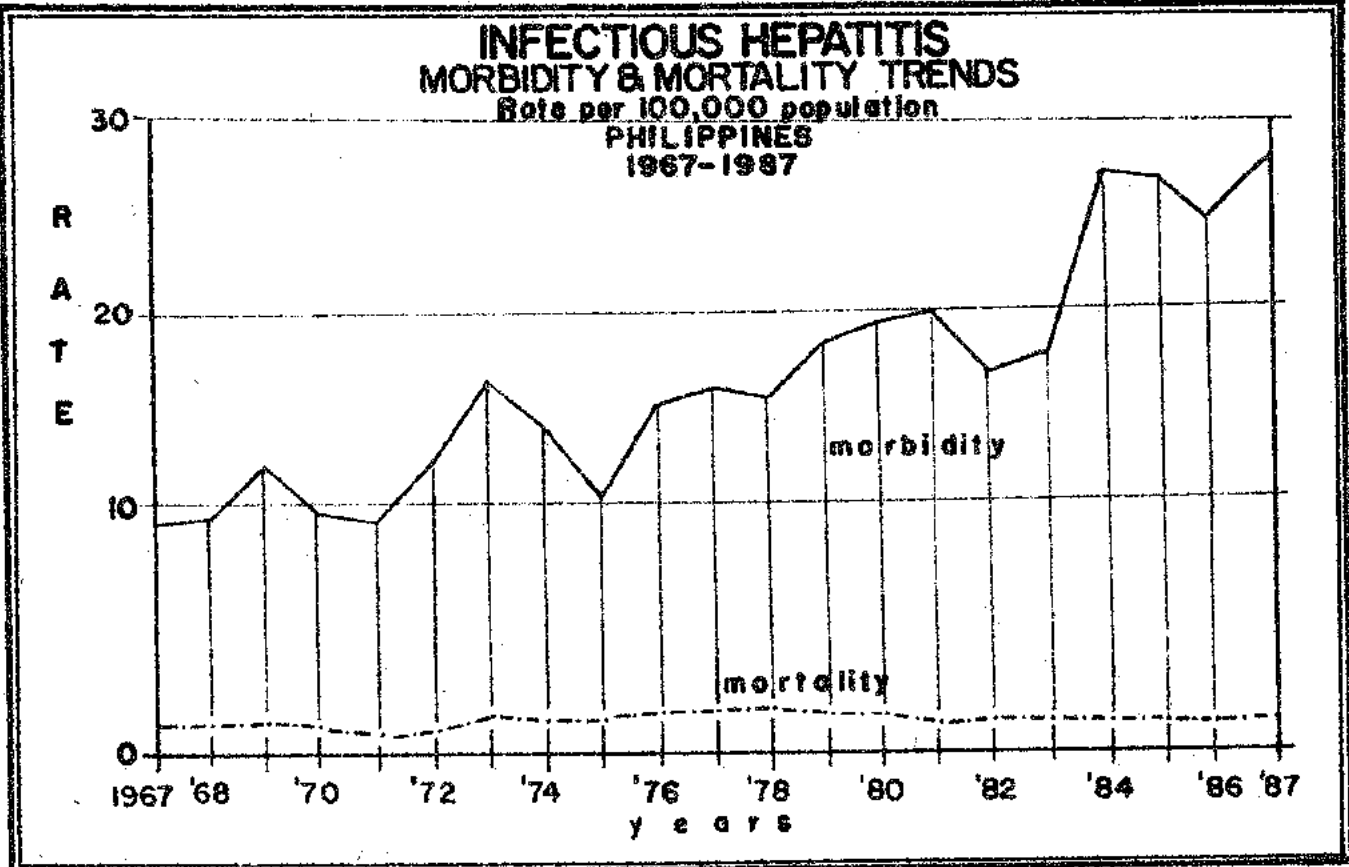


Fig. 17

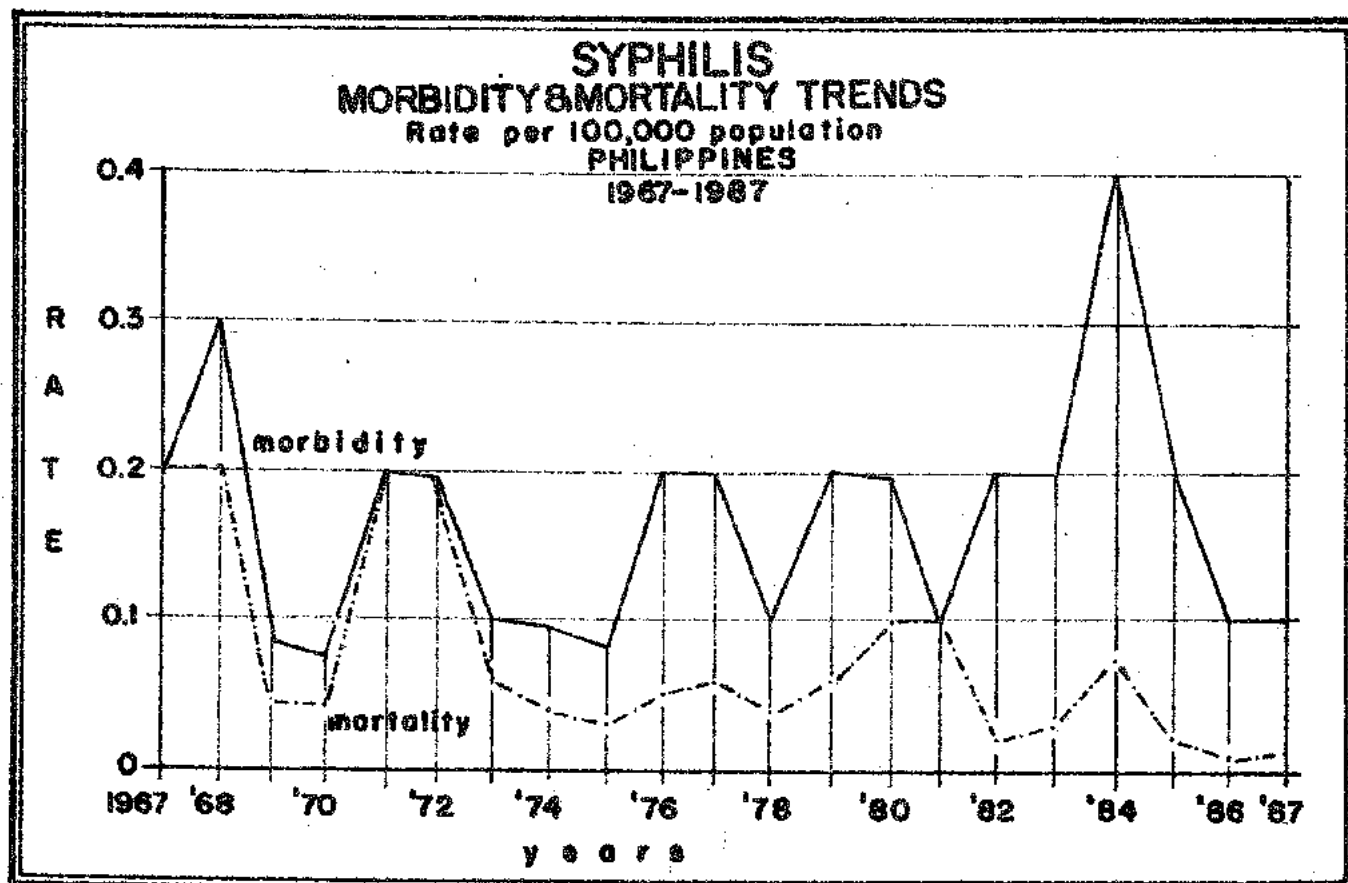
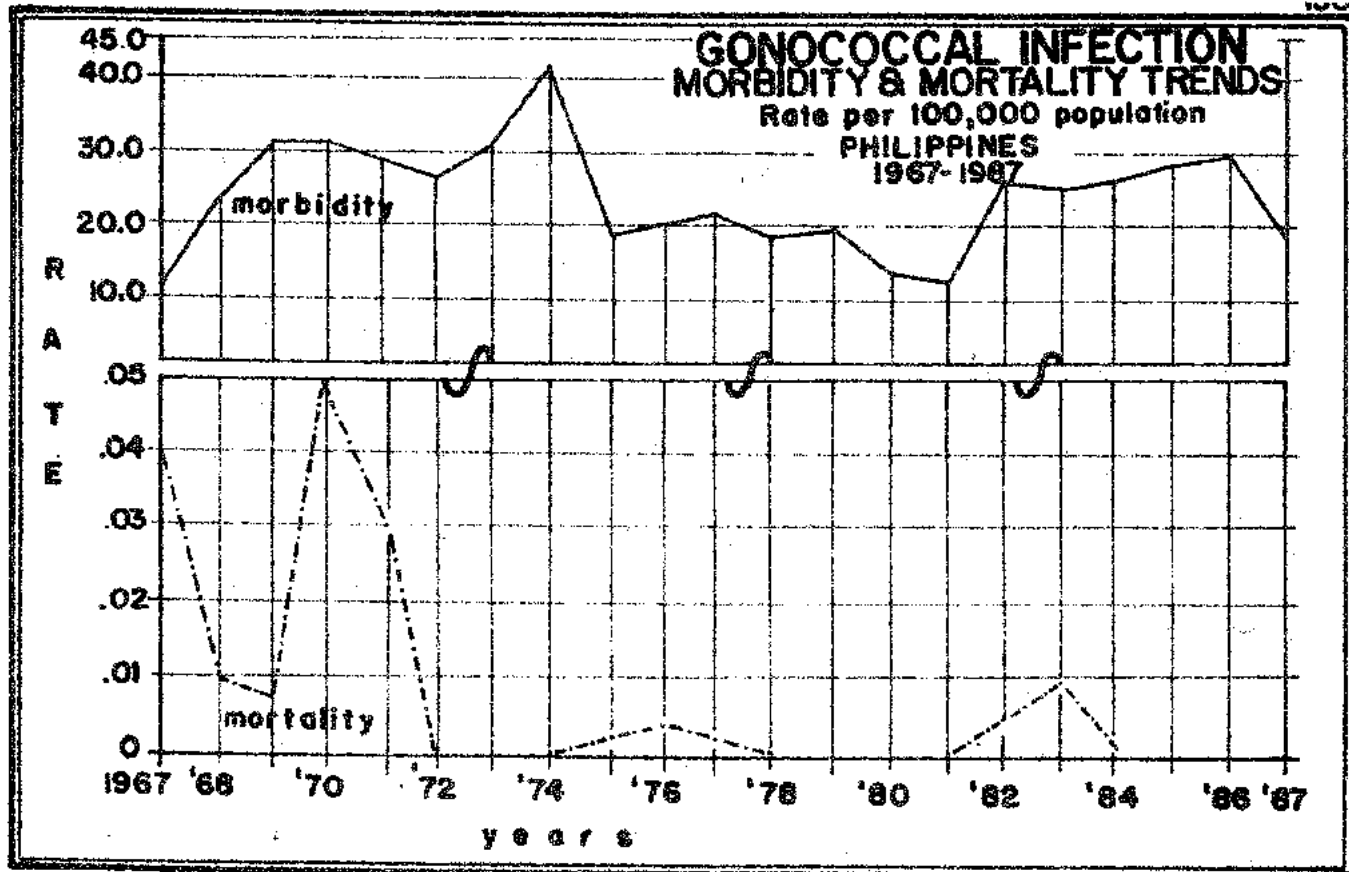


Fig. 18

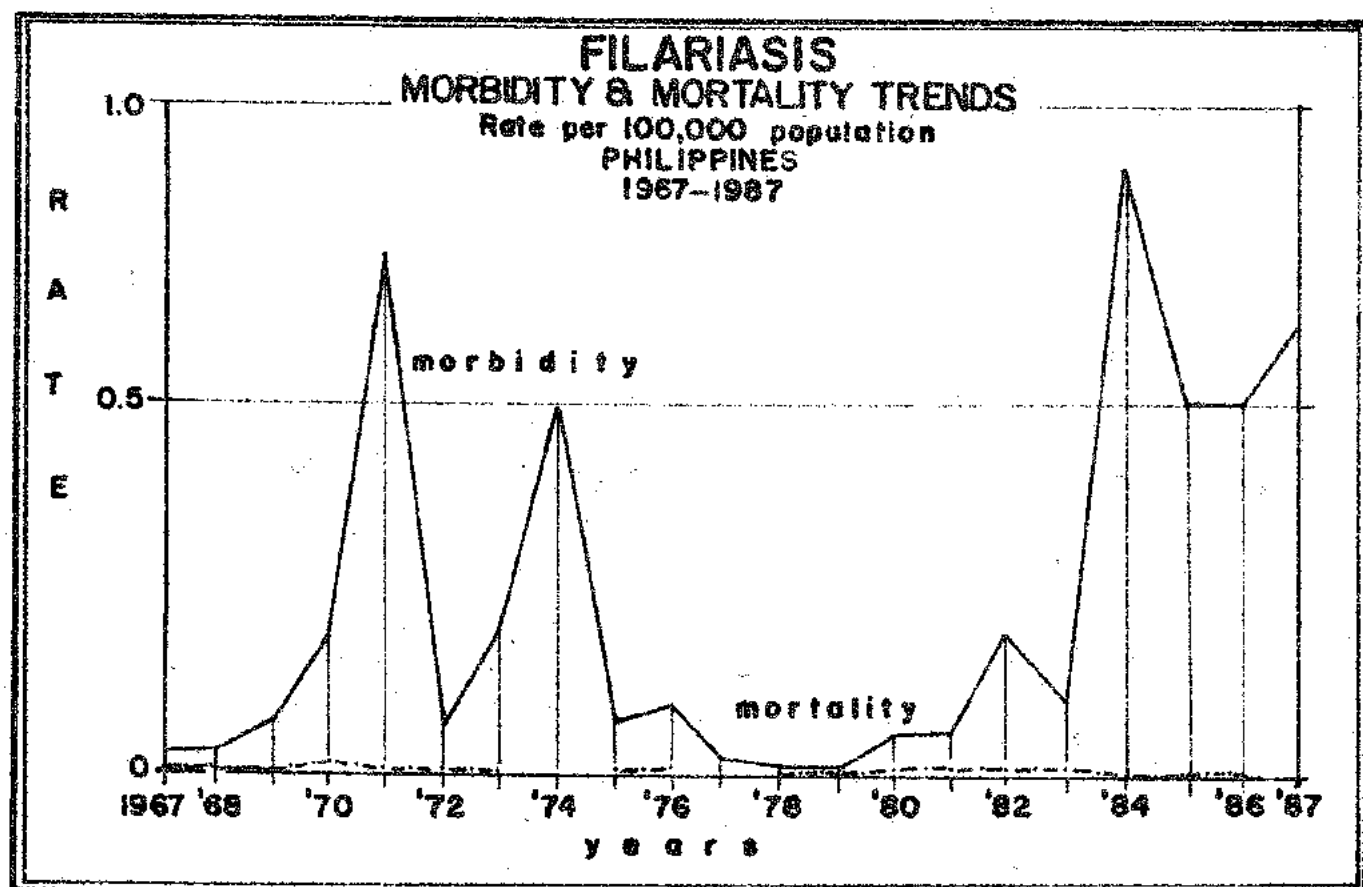
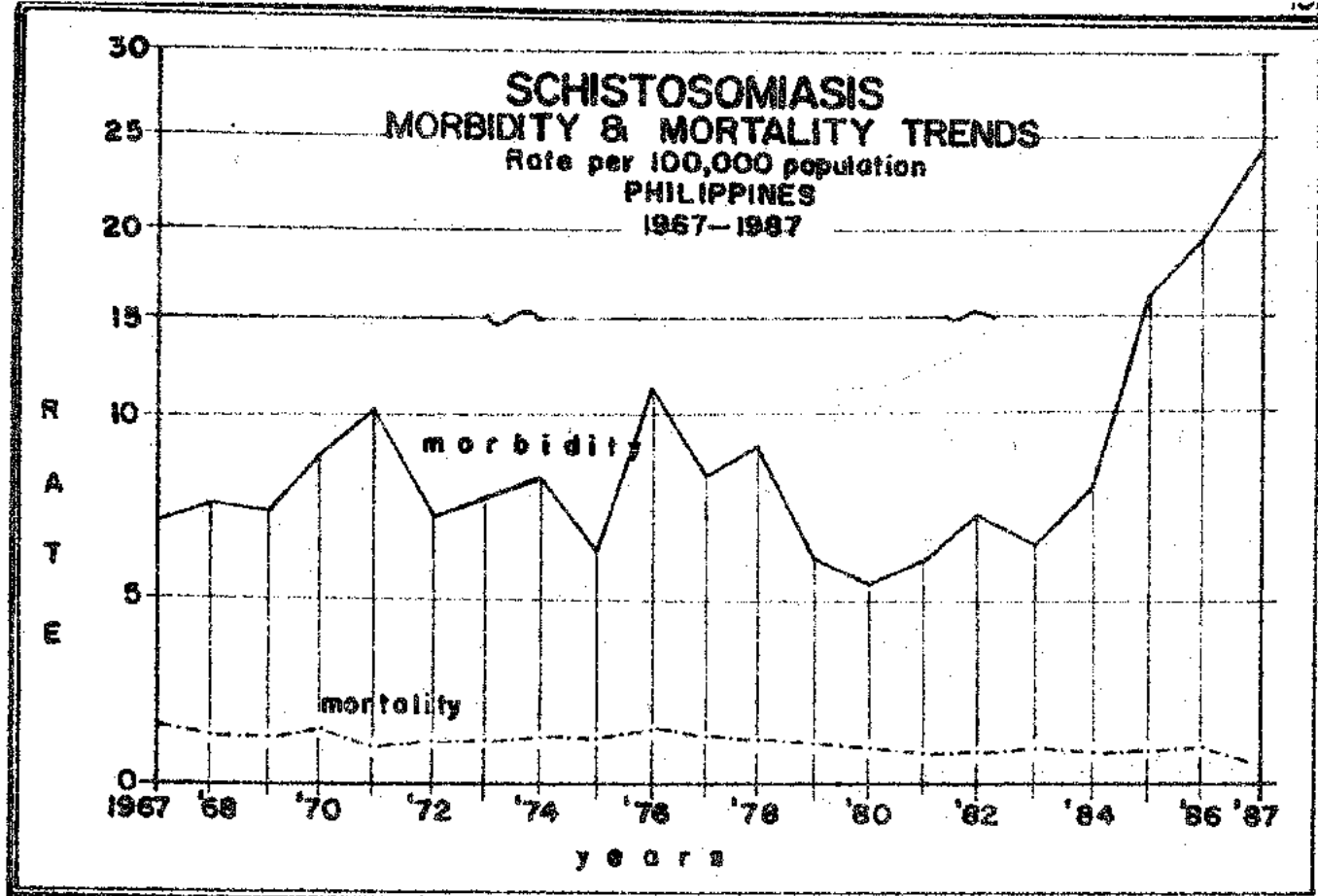


Fig. 19

MALIGNANT NEOPLASMS **MORBIDITY & MORTALITY TRENDS** Rate per 100,000 population PHILIPPINES 1967-1987

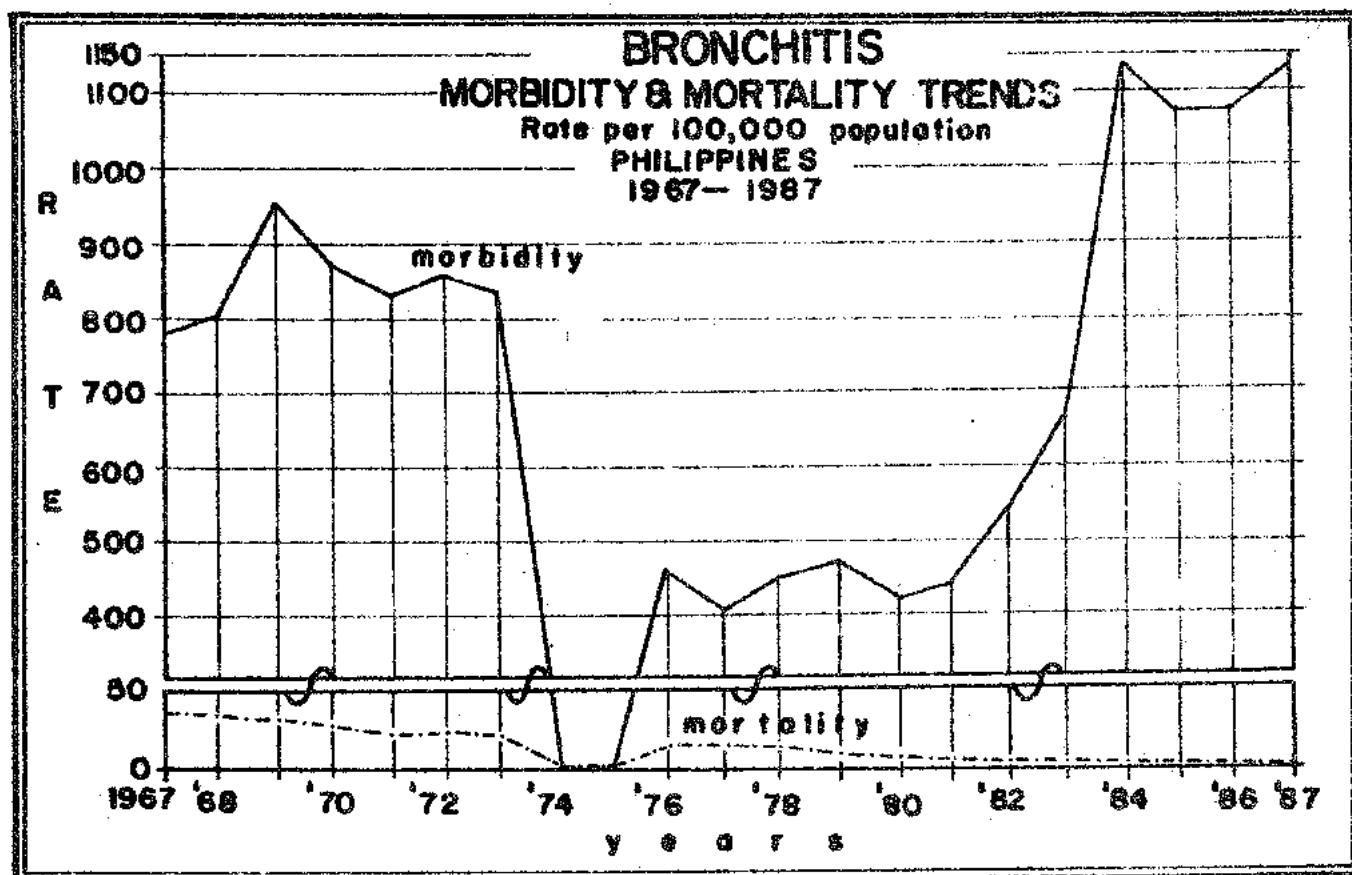
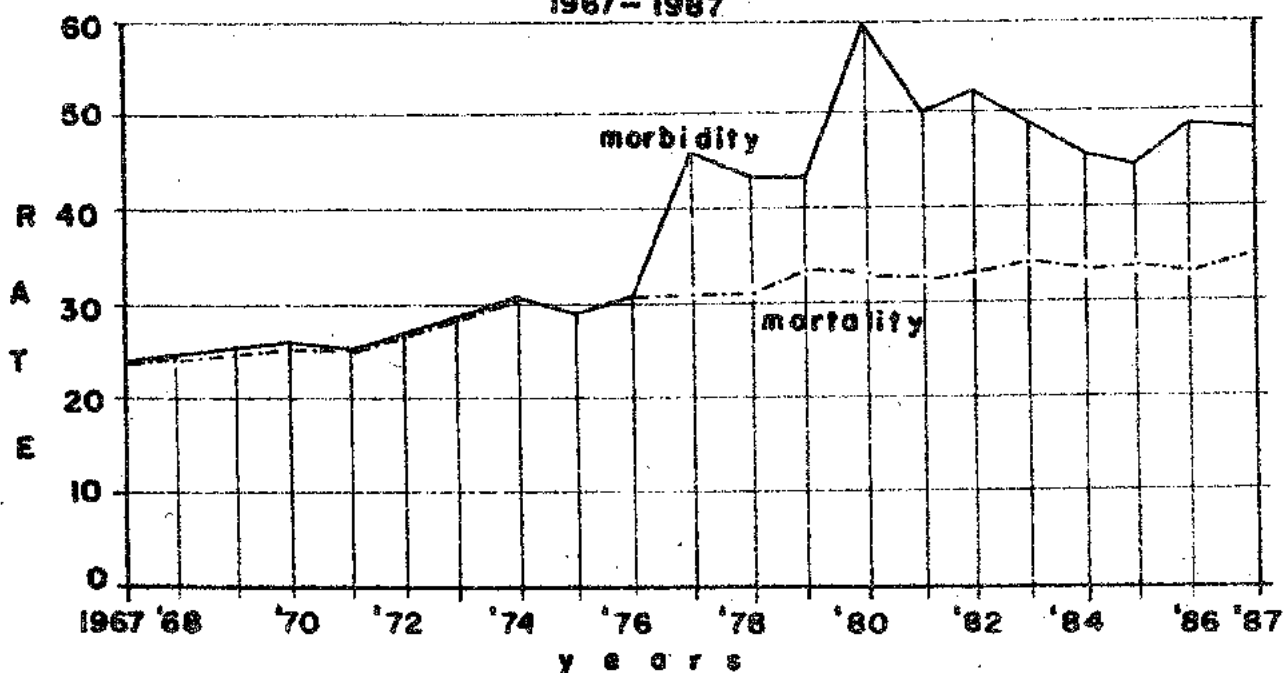


Fig.20

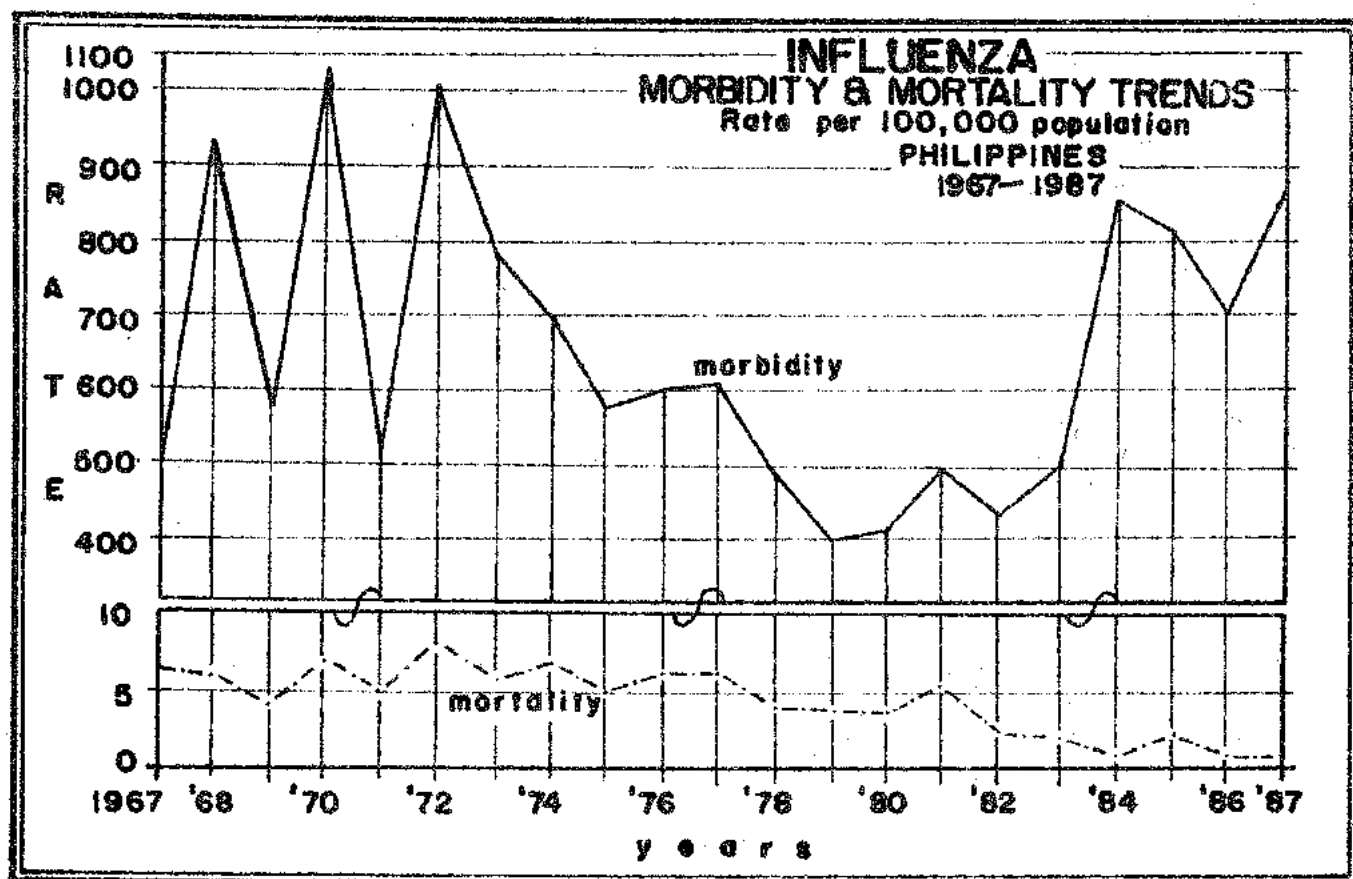
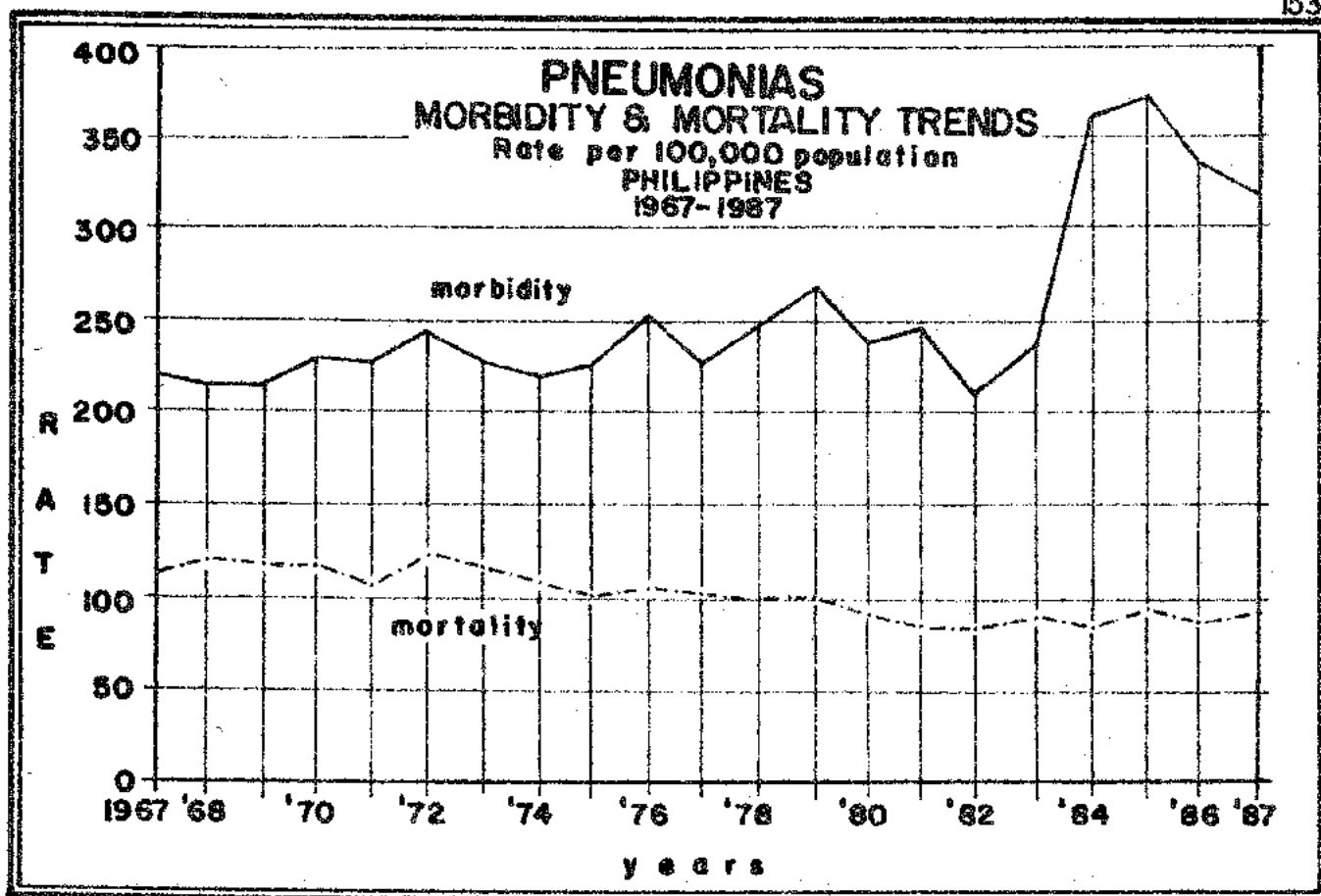


Fig. 21

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 335,354 deaths were registered in 1987. This figure represents a crude death rate of 5.8 per 1,000 population which is the same as that of the previous year (1986).

Causes of Deaths, 1977 and 1987 - The ten leading causes of deaths, in 1987 are presented in Table 22. Collectively, they accounted for 215,531 deaths representing 64.3% 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, Avitaminoses and Other Nutritional Deficiencies, Malignant Neoplasms, Accidents and Nephritis, Nephrotic Syndrome and Nephrosis. The first three (3) leading causes are: - Pneumonias with a rate of 91.9 per 100,000 population representing 15.7% of deaths from all causes, Diseases of the Heart with a rate of 67.7 per 100,000 population representing 11.6% of deaths from all causes and Diseases of the Vascular System with a rate of 52.1 per 100,000 population representing 8.9% of deaths from all causes. Tuberculosis, All Forms and Malignant Neoplasms ranked fourth and fifth with the rate of 50 and 35.5 per 100,000 population respectively, while Measles and Accidents occupied the sixth and seventh positions with the rate of 21.7 and 20.3 per 100,000 population respectively. The last (3) leading causes of mortality in the group are: Diarrheal Diseases with a rate of 18.5 per 100,000 population, Avitaminoses and Other Nutritional Deficiency with a rate of 9.1 per 100,000 population and Nephritis, Nephrotic Syndrome and Nephrosis with a rate of 9.0 per 100,000 population.

The leading causes of deaths in 1977 are shown in Table 28 and Figure 28. During this year, Pneumonias was the top leading causes of death with the rate of 105.1 per 100,000 population and Tuberculosis, All Forms ranked second with a rate of 70.7 per 100,000 population while Diseases of the Heart and Gastroenteritis and Colitis ranked third and fourth position with rates of 62.2 and 40.1 per 100,000 population respectively. The fifth, sixth and seventh positions were occupied by Diseases of the Vascular System with the rate of 35.0, Malignant Neoplasms (31.1) and Accidents (25.2) per 100,000 population. The last three (3) leading causes of mortality were Avitaminoses and Other Nutritional Deficiency, Bronchitis, Emphysema and Asthma and Measles representing a rate of 22.3, 14.1 and 11.8 per 100,000 population.

It is clearly noted that during the ten year period 1977 to 1987, deaths from communicable diseases particularly some of those among the leading causes showed a marked decline. Tuberculosis, All Forms death rate decreased by 20.7 per 100,000 population or 29.3%, Diarrheas dropped by 23.6 per 100,000 population or 58.9% and Pneumonias declined by 13.2 per 100,000 population or 12.6%. On the other hand, the non-communicable diseases have increased considerably. Death rate from Diseases of the Heart increased by 5.5 per 100,000 population or 8.8%; Diseases of the Vascular System and Malignant Neoplasms increased by 17.1 and 4.4 per 100,000 population or 48.8% and 14.1% respectively, while Accidents decreased by 4.9 per 100,000 population or 19.4%.

General Mortality Trend - Table 4 and Figure 4 show the trend of crude death rate for the country from 1937 to 1987. A marked decline in this rate from 16.5 per 1,000 population in 1937 to 5.8 per 1,000 population in 1987 is observed. This represents a decrease in crude death rate of 10.1 or 61.2% 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 past 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 5 registered the highest crude death rate (7.2 per 1,000 population), while Region 12 had the lowest (2.7). The highest rate among the cities was recorded in Trece Martires City (34.2) and the lowest was that of Marawi City (3.1). Camarines Norte topped all the provinces with the rate of 10.2 while Tawi-Tawi had 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, 50,803 or 15.2% of all deaths while those among age group 10-14 years represented the lowest percentage (1.7). The age specific death rate for age group 70 years and over is the highest 65.0 per 1,000 population followed by death rate for under 1 year (29.7). After a very high death rate in infancy, it decreased continuously as age increased 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 1987, there were 197,275 male deaths and 137,979 female deaths. These figures represent 58.8% and 41.2% of all deaths, respectively. The mortality rate for males was 6.9 per 1,000 male population, while that of females was 4.8. The death sex ratio is 1.4 male death to 1 female death.

INFANT MORTALITY

There were 50,803 deaths under 1 year of age registered in 1987. This figure represents 15.2% of all deaths. The infant mortality rate is 32.1 per 1,000 livebirths which is lower by 2.9 from that of the previous years 35.0 per 1,000 livebirths or 8.3%. The infant mortality rate has receded to an all time low for the country in 1986 (35.0).

Infant Mortality By Cause - The ten leading causes of death under 1 year are shown in Table 30. These diseases caused 33,978 infant deaths representing 66.9% of the total infant mortality and 10.1% of the total deaths. Pneumonias, as in the past years, caused the most number of deaths 13,380, represents a rate of 8.5 per 1,000 livebirths and 26.3% of all infant deaths. Respiratory condition of fetus and newborn occupied the second position which caused 7,256 deaths with a rate of 4.6 and represented 14.3% of all infant deaths, while Diarrheal Diseases ranked third with a rate of 2.1 per 1,000 livebirths. The fourth and fifth leading causes were Measles and Congenital Anomalies with a rate of 1.5 and 1.4. Avitaminoses and Other Nutritional Deficiency occupied the sixth position with a rate of 1.1 while Birth Injury and Difficult Labor ranked seventh with a rate of 0.9. Septicemia, Acute Bronchitis and Bronchiolitis and Meningitis occupied eighth, ninth and tenth positions with rates of 0.6, 0.5 and 0.4 per 1,000 livebirths respectively.

Trend of Infant Mortality - The number and rate of infant deaths from 1937 to 1987 are shown in Table 4. The infant mortality rate in 1937 which was 137.3 per 1,000 livebirths dropped to 32.1 in 1987. This represents a marked decline of 105.2 or 76.6% over a period of 50 years. There were generally a slight yearly decreases in the rates from 1937 to 1987 interrupted by slight increases 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 1987 (32.1)

Infant Mortality By Area - Infant mortality rates for different health regions, provinces and cities all over the country are presented in Table 5. Region 5 had the highest rate of 40.1 per 1,000 livebirths while Region 12 had the lowest (24.0). Of the provinces, Masbate registered the highest infant death rate of 82.4, while Lanao del Sur reported the lowest rate of 3.9 per 1,000 livebirths which maybe due to incomplete registration. Of

the cities, Cotabato City topped the group with a rate of 96.6 per 1,000 livebirths while Bais City had the lowest rate (17.3) per 1,000 livebirths.

Infant Mortality By Age - Of the total 50,803 infant deaths registered in 1987, 21,381 deaths were under 28 days (neonatal deaths) with a rate of 13.5 per 1,000 livebirths and 29,422 were 28 days to under 1 year (post-neonatal deaths), with a rate of 18.6 per 1,000 livebirths. These represent 42.1% and 57.9% of the total infant death respectively. Deaths in the age group 0-6 days totalled 16,136 representing 75.5% of all neonatal deaths while in the age 14-20 days recorded 1,272 deaths representing 5.9% of all neonatal deaths.

Of the post neonatal deaths, those of age 28-59 days comprised the highest percentage with 4,523 deaths representing a rate of 2.8 per 1,000 livebirths and 8.9% of the total infant mortality. Deaths under 28 days had the rate of 13.5 per 1,000 livebirths while the rate for those 28 days of life to under 1 year was 8.6 per 1,000 livebirths.

Infant Death By Sex - There were more male deaths under 1 year of age than females. The rate for male was 33.5 per 1,000 population while that of the female was 25.7. The infant death sex ratio was 1.3 male death for every 1 female death.

C. MATERNAL MORTALITY

In 1987, there were 1,511 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 (1986).

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 34.9% of all maternal deaths. Normal delivery and other complication related to pregnancy occurring in the course of labor delivery and puerperium registered a rate of 0.3 per 1,000 livebirths and caused 31.1% of all maternal deaths.

Trend of Maternal Mortality - A significant decline in the maternal mortality rate from 1937 to 1987 is shown in Table 4. The 1937 rate of 6.5 went down to as low as 6.3 per 1,000 livebirths in 1940. No data were available during the World War II. 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 8 registered the highest maternal mortality rate of 1.7 while the lowest recorded was that of the National Capital Region which was 0.5. Of the provinces, Northern Samar caused the highest rate of 3.3 while Batangas and Agusan del Norte had a rate of 0.4 per 1,000 livebirths.

D. FETAL DEATHS

There were 10,515 deaths registered in 1987, representing a fetal death rate of 6.6 per 1,000 livebirths. This figure represents an increase of 17.9% over that of 1986.

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 (1.4) per 1,000 livebirths; Disorders relating to short gestation and unspecified low birth weight (0.8) per 1,000 livebirths and Intra-uterine hypoxia and birth asphyxia of 0.6 per 1,000 livebirths.

National Capital Region had the highest number of registered fetal deaths, 2,493 or 23.7% of all fetal mortality while Region 2 reported the least (193 or 1.8%). The highest regional fetal death rate recorded was in National Capital Region (10.3) per 1,000 livebirths and the lowest were those of Region 2 with a rate of 2.6.

Fetal deaths that were medically attended totalled 6,892 (65.5%) broken down as follows: by Physicians 5,447 or 51.8%, by Nurse 345 or 3.3%, by Midwives 1,100 or 10.4%; by Traditional Birth Attendant (Hilot) 911 or 8.7%. A total of 2,712 or 25.8% 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 82.2 per 1,000 livebirths followed by under age group below 15 years with a rate of 30.5 per 1,000 livebirths. Age group 20-24 years had the lowest fetal death rate of 5.4 per 1,000 livebirths. A high fetal death risk was recorded in the first birth order category - 2,325 or 22.1% (Table 37). Majority of those deaths were among fetusses with low birth weight as shown in Table 34 (1,000 grams and below).

MORTALITY : ALL CAUSES BY AGE
Rate per 1,000 population
PHILIPPINES
1987

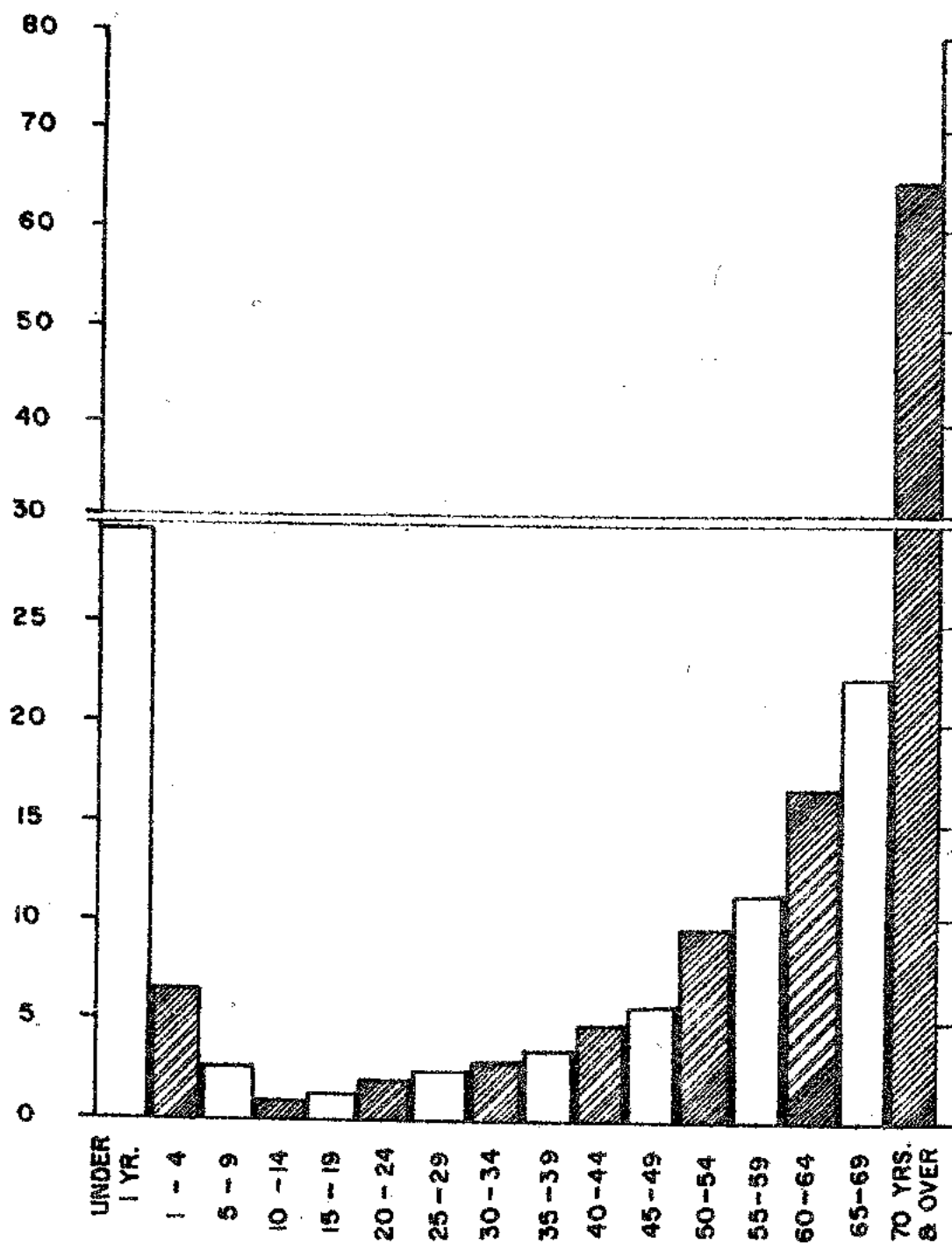


Fig. 22

TABLE 20

MORTALITY: ALL CAUSES BY SEX & HEALTH REGION
No. & Rate/1,000 Pop. & Percentage Distribution
PHILIPPINES
1987

161

A R E A	NUMBER OF DEATHS			R a t e	% of Total Deaths
	M a l e	F e m a l e	Both Sexes		
<u>PHILIPPINES.....</u>	<u>197275</u>	<u>137979</u>	<u>335254</u>	<u>5.8</u>	<u>100.0</u>
<u>NAT. CAP. REGION.....</u>	<u>30761</u>	<u>20845</u>	<u>51606</u>	<u>7.0</u>	<u>15.4</u>
REGION 1.....	16188	12205	28393	7.1	8.5
REGION 2.....	9005	6269	15274	5.8	4.6
REGION 3.....	18428	13247	31675	5.5	9.4
REGION 4.....	27776	19558	47334	6.3	14.1
REGION 5.....	17191	12629	29820	7.2	8.9
REGION 6.....	19623	13336	32959	6.2	9.8
REGION 7.....	15934	12604	28538	6.5	8.5
REGION 8.....	10752	7708	18460	5.8	5.5
REGION 9.....	6091	3695	9786	3.3	2.9
REGION 10.....	9787	6500	16287	4.9	4.9
REGION 11.....	11068	6686	17754	4.4	5.3
REGION 12.....	4671	2597	7368	2.7	2.2

MORTALITY : ALL CAUSES BY HEALTH REGION
PERCENT DISTRIBUTION
PHILIPPINES
1987

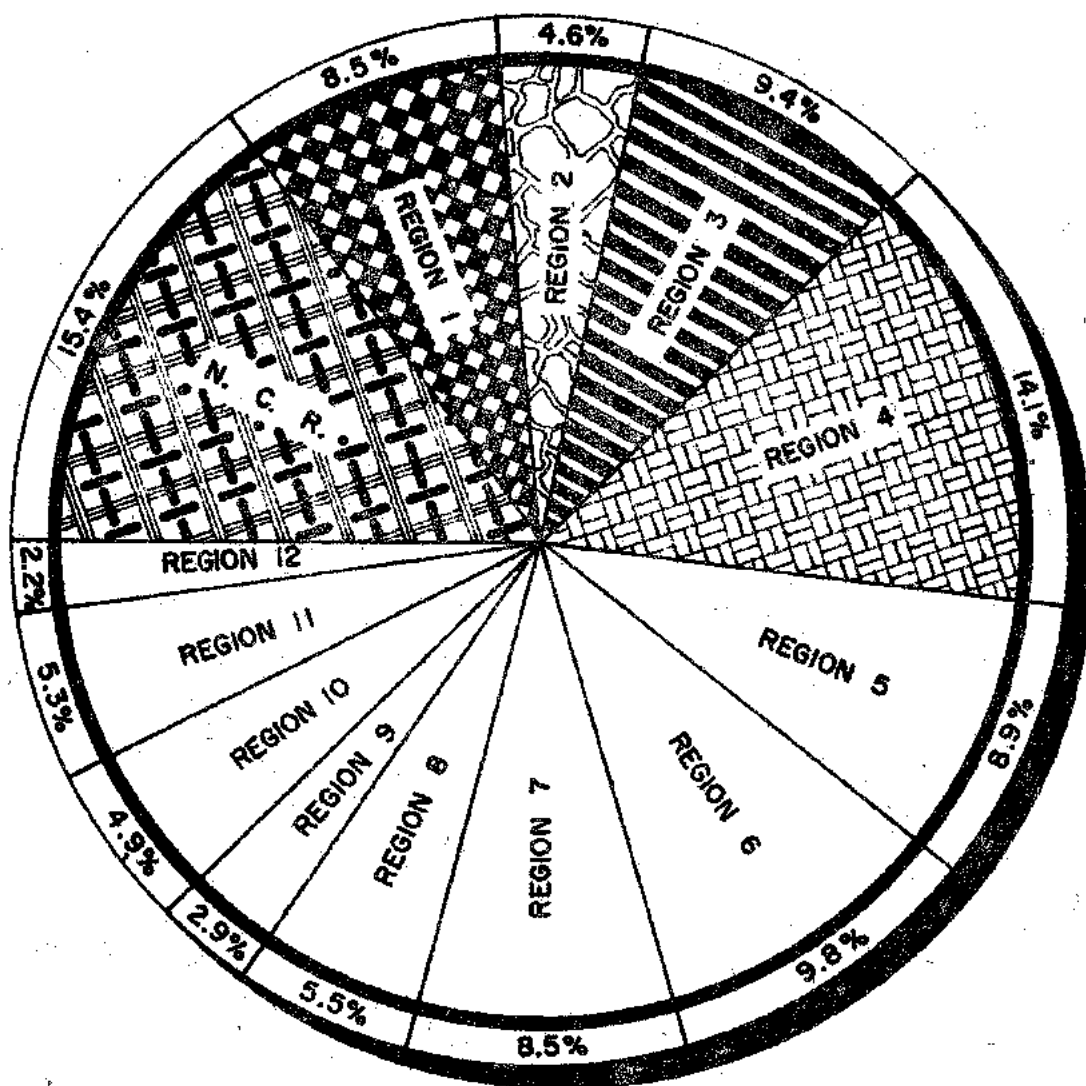


Fig. 23

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1987

163

A G E G R O U P	NATIONAL CAPITAL REGION (METRO MANILA)			
	M a l e	F e m a l e	Both Sexes	Percent
<u>ALL AGES</u>	<u>30761</u>	<u>20845</u>	<u>51606</u>	<u>100.0</u>
Under 1 year.....	4853	3541	8394	16.3
1 - 4 years.....	3268	2951	6219	12.1
5 - 9 years.....	626	492	1118	2.2
10 - 14 years.....	337	271	608	1.2
15 - 19 years.....	724	432	1156	2.2
20 - 24 years.....	1464	522	1986	3.8
25 - 29 years.....	1650	560	2210	4.3
30 - 34 years.....	1542	612	2154	4.2
35 - 39 years.....	1416	559	1975	3.8
40 - 44 years.....	1250	626	1876	3.6
45 - 49 years.....	1424	699	2123	4.1
50 - 54 years.....	1545	847	2392	4.6
55 - 59 years.....	1727	905	2632	5.1
60 - 64 years.....	1835	1092	2927	5.7
65 - 69 years.....	1738	1295	3033	5.9
70 years and Over.....	5362	5441	10803	20.9
Not Stated.....	0	0	0	-

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1987

A G E GROUP	REGION 1 ILOCOS NORTE				REGION 2 CAGAYAN VALLEY			
	Male	Fe- male	Both Sexes	Per- cent	Male	Fe- male	Both Sexes	Per- cent
<u>ALL AGES</u>	<u>16188</u>	<u>12205</u>	<u>28393</u>	<u>100.0</u>	<u>9005</u>	<u>6269</u>	<u>15274</u>	<u>100.0</u>
Under 1 yr.....	2358	1597	3955	13.9	1564	1175	2739	17.9
1 - 4 yrs.....	1609	1500	3109	10.9	1047	1024	2071	13.5
5 - 9 yrs.....	428	385	813	2.9	317	266	583	3.8
10 - 14 yrs.....	225	148	373	1.3	163	121	284	1.8
15 - 19 yrs.....	341	208	549	1.9	240	131	371	2.4
20 - 24 yrs.....	497	203	700	2.5	344	169	513	3.4
25 - 29 yrs.....	568	235	803	2.8	382	163	545	3.7
30 - 34 yrs.....	556	270	826	2.9	379	153	532	3.5
35 - 39 yrs.....	607	271	878	3.1	392	187	579	3.8
40 - 44 yrs.....	601	280	881	3.2	323	161	484	3.2
45 - 49 yrs.....	680	355	1035	3.7	416	179	595	3.9
50 - 54 yrs.....	742	404	1146	4.0	448	230	678	4.4
55 - 59 yrs.....	817	405	1222	4.3	451	199	650	4.3
60 - 64 yrs.....	883	515	1398	4.9	429	280	709	4.6
65 - 69 yrs.....	977	630	1607	5.7	431	303	734	4.8
70 years and Over.....	4299	4796	9095	32.0	1679	1528	3207	21.0
Not Stated.....	0	3	3	0.01	0	0	0	-

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1987

165

A G E GROUP	REGION 3 CENTRAL LUZON				REGION 4 SOUTHERN TAGALOG			
	Male	Fe- male	Both Sexes	Per- cent	Male	Fe- male	Both Sexes	Per- cent
ALL AGES.....	18428	13247	31675	100.0	27776	19558	47334	100.0
Under 1 year.....	2578	1894	4472	14.1	4434	3160	7594	16.0
1 - 4 yrs.....	1678	1476	3154	10.0	3483	3161	6644	14.0
5 - 9 yrs.....	547	426	973	3.1	968	737	1705	3.6
10 - 14 yrs.....	293	217	510	1.6	396	364	760	1.6
15 - 19 yrs.....	480	222	702	2.2	611	343	954	2.0
20 - 24 yrs.....	605	307	912	2.9	939	436	1375	2.9
25 - 29 yrs.....	692	342	1034	3.3	1031	470	1501	3.2
30 - 34 yrs.....	632	348	980	3.1	1025	477	1502	3.2
35 - 39 yrs.....	725	371	1096	3.5	1006	512	1518	3.2
40 - 44 yrs.....	677	365	1042	3.2	991	503	1494	3.2
45 - 49 yrs.....	755	402	1157	3.7	1153	496	1649	3.5
50 - 54 yrs.....	950	554	1504	4.7	1385	654	2039	4.3
55 - 59 yrs.....	1051	581	1632	5.1	1442	718	2160	4.6
60 - 64 yrs.....	1104	643	1747	5.5	1483	866	2349	5.0
65 - 69 yrs.....	1158	745	1903	6.0	1580	1047	2627	5.5
70 years and Over.....	4503	4354	8857	28.0	5844	5614	11458	24.2
Not Stated.....	0	0	0	-	5	0	5	0.01

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1987

A G E GROUP	REGION 5 BICOL REGION				REGION 6 WESTERN VISAYAS			
	Male	Fe- male	Both Sexes	Per- cent	Male	Fe- male	Both Sexes	Per- cent
ALL AGES.....	17191	12629	29820	100.0	19623	13336	32959	100.0
Under 1 year.....	2690	2028	4718	15.8	2592	1904	4496	13.6
1 - 4 yrs.....	3125	2796	5921	19.9	1757	1427	3184	9.7
5 - 9 yrs.....	842	774	1616	5.4	626	493	1119	3.4
10 - 14 yrs.....	319	256	575	1.9	313	270	583	1.8
15 - 19 yrs.....	440	258	698	2.3	508	255	763	2.3
20 - 24 yrs.....	517	285	802	2.7	734	249	983	3.0
25 - 29 yrs.....	524	272	796	2.7	765	274	1039	3.1
30 - 34 yrs.....	496	308	804	2.8	794	279	1073	3.2
35 - 39 yrs.....	590	310	900	3.0	928	342	1270	3.8
40 - 44 yrs.....	503	314	817	2.7	749	344	1093	3.3
45 - 49 yrs.....	586	310	896	3.0	960	422	1382	4.2
50 - 54 yrs.....	696	341	1037	3.5	995	514	1509	4.6
55 - 59 yrs.....	791	357	1148	3.8	1027	579	1606	4.9
60 - 64 yrs.....	852	455	1307	4.4	1073	660	1733	5.3
65 - 69 yrs.....	797	580	1377	4.6	1173	823	1996	6.1
70 years and Over.....	3423	2985	6408	21.5	4629	4501	9130	27.7
Not stated.....	0	0	0	-	0	0	0	-

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1987

167

A G E GROUP	REGION 7 CENTRAL VISAYAS				REGION 8 EASTERN VISAYAS			
	Male	Fe- male	Both Sexes	Per- cent	Male	Fe- male	Both Sexes	Per- cent
<u>ALL AGES</u>	<u>15934</u>	<u>12604</u>	<u>28538</u>	<u>100.0</u>	<u>10752</u>	<u>7708</u>	<u>18460</u>	<u>100.0</u>
Under 1 year.....	2294	1740	4034	14.1	1355	1025	2380	12.9
1 - 4 yrs.....	1527	1333	2860	10.0	1557	1365	2922	15.8
5 - 9 yrs.....	553	403	956	3.3	555	457	1012	5.5
10 - 14 yrs.....	273	208	481	1.6	213	166	379	2.1
15 - 19 yrs.....	408	197	605	2.1	274	143	417	2.3
20 - 24 yrs.....	480	255	735	2.6	386	165	551	3.0
25 - 29 yrs.....	541	251	792	2.8	380	212	592	3.2
30 - 34 yrs.....	511	273	784	2.7	333	193	526	2.9
35 - 39 yrs.....	531	341	872	3.0	411	183	594	3.2
40 - 44 yrs.....	536	336	872	3.0	365	189	554	3.0
45 - 49 yrs.....	670	392	1062	3.7	436	224	660	3.6
50 - 54 yrs.....	821	493	1314	4.6	468	277	745	4.0
55 - 59 yrs.....	790	513	1303	4.5	530	290	820	4.4
60 - 64 yrs.....	933	732	1665	5.8	617	389	1006	5.4
65 - 69 yrs.....	968	798	1766	6.2	642	428	1070	5.8
70 years and Over.....	4098	4339	8437	30.0	2229	2001	4230	22.9
Not Stated.....	0	0	0	-	1	1	2	0.01

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1987

A G E GROUP	REGION 9 WESTERN MINDANAO				REGION 10 NORTHERN MINDANAO			
	Male	Fe- male	Both Sexes	Per- cent	Male	Fe- male	Both Sexes	Per- cent
<u>ALL AGES</u>	<u>6091</u>	<u>3695</u>	<u>9786</u>	<u>100.0</u>	<u>9787</u>	<u>6500</u>	<u>16287</u>	<u>100.0</u>
Under 1 year.....	965	682	1647	16.8	1557	1108	2665	16.4
1 - 4 yrs.....	701	597	1298	13.3	1079	908	1987	12.2
5 - 9 yrs.....	272	175	447	4.6	427	318	745	4.6
10 - 14 yrs.....	116	92	208	2.1	182	180	362	2.2
15 - 19 yrs.....	132	96	258	2.6	287	136	423	2.6
20 - 24 yrs.....	279	110	389	4.0	393	148	541	3.3
25 - 29 yrs.....	272	116	388	3.9	425	193	618	3.8
30 - 34 yrs.....	305	103	408	4.2	408	207	615	3.8
35 - 39 yrs.....	269	94	363	3.7	421	191	612	3.8
40 - 44 yrs.....	241	108	349	3.6	381	190	571	3.5
45 - 49 yrs.....	288	115	403	4.1	451	239	690	4.2
50 - 54 yrs.....	315	144	459	4.7	518	282	800	4.9
55 - 59 yrs.....	295	128	423	4.3	445	256	701	4.3
60 - 64 yrs.....	335	172	507	5.2	529	326	855	5.2
65 - 69 yrs.....	284	195	479	4.9	522	308	830	5.1
70 years and Over.....	992	768	1760	18.0	1761	1510	3271	20.1
Not Stated.....	0	0	0	-	1	0	1	0.01

TABLE 21

MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION
No. & Percentage Distribution
PHILIPPINES
1987

169

A G E GROUP	REGION 11 SOUTHERN MINDANAO				REGION 12 CENTRAL MINDANAO			
	Male	Fe- male	Both Sexes	Per- cent	Male	Fe- male	Both Sexes	Per- cent
<u>ALL AGES</u>	<u>11068</u>	<u>6686</u>	<u>17754</u>	<u>100.0</u>	<u>4671</u>	<u>2697</u>	<u>7368</u>	<u>100.0</u>
Under 1 year.....	1439	1094	2533	14.3	688	488	1176	16.0
1 - 4 years.....	1154	1012	2166	12.2	500	434	934	12.7
5 - 9 yrs.....	418	262	680	3.8	172	120	292	3.9
10 - 14 yrs.....	227	155	382	2.1	87	65	152	2.0
15 - 19 yrs.....	334	180	514	2.9	178	71	249	3.4
20 - 24 yrs.....	565	189	754	4.2	215	82	297	4.0
25 - 29 yrs.....	531	195	726	4.1	222	93	315	4.3
30 - 34 yrs.....	515	205	720	4.1	277	83	360	4.9
35 - 39 yrs.....	492	240	732	4.1	271	102	373	5.1
40 - 44 yrs.....	450	183	633	3.6	212	75	287	3.9
45 - 49 yrs.....	551	247	798	4.5	288	88	376	5.1
50 - 54 yrs.....	601	274	875	5.0	239	112	351	4.8
55 - 59 yrs.....	578	299	877	4.9	250	90	340	4.6
60 - 64 yrs.....	636	347	983	5.5	223	116	339	4.6
65 - 69 yrs.....	610	342	952	5.4	220	126	346	4.7
70 yrs. and Over.....	1967	1461	3428	19.3	629	552	1181	16.0
Not Stated.....	0	1	1	0.01	0	0	0	-

TABLE 22

MORTALITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
5-YEAR AVERAGE (1982-1986) & 1987

170

C A U S E	5-Year Average (1982-1986)			1 9 8 7		
	Number	Rate	% of Total Deaths	Number	Rate	% of Total Deaths
1. PNEUMONIAS.....(480-486)	48701	91.3	15.1	52700	91.9	15.7
2. DISEASES OF THE HEART... 390-398;402-404;410-429)	35178	66.0	10.9	38840	67.7	11.6
3. DISEASES OF THE VASCULAR SYSTEM..... 401;403;405;430-438;440- 448;451-459)	26438	49.6	8.2	29905	52.1	8.9
4. TUBERCULOSIS, ALL FORMS.(010-018;137)	29428	55.2	9.1	28697	50.0	8.6
5. MALIGNANT NEOPLASMS.....(140-239)	17813	33.4	5.5	20367	35.5	6.1
6. MEASLES.....(055)	7340	13.8	2.3	12431	21.7	3.7
7. ACCIDENTS.....(800-999;E800-E949)	10162	19.1	3.2	11630	20.3	3.5
8. DIARRHEAL DISEASES.....(001-009)	12347	23.2	3.8	10589	18.5	3.2
9. AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY..(260-269)	6642	12.5	2.1	5229	9.1	1.6
10. NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS....(580-589)	4989	9.4	1.5	5149	9.0	1.5

MORTALITY : TEN (10) LEADING CAUSES

Rate per 100,000 population

PHILIPPINES

5 Yr. Ave. (1982-1986) & 1987

LEGEND:  1987
 5 Year Average

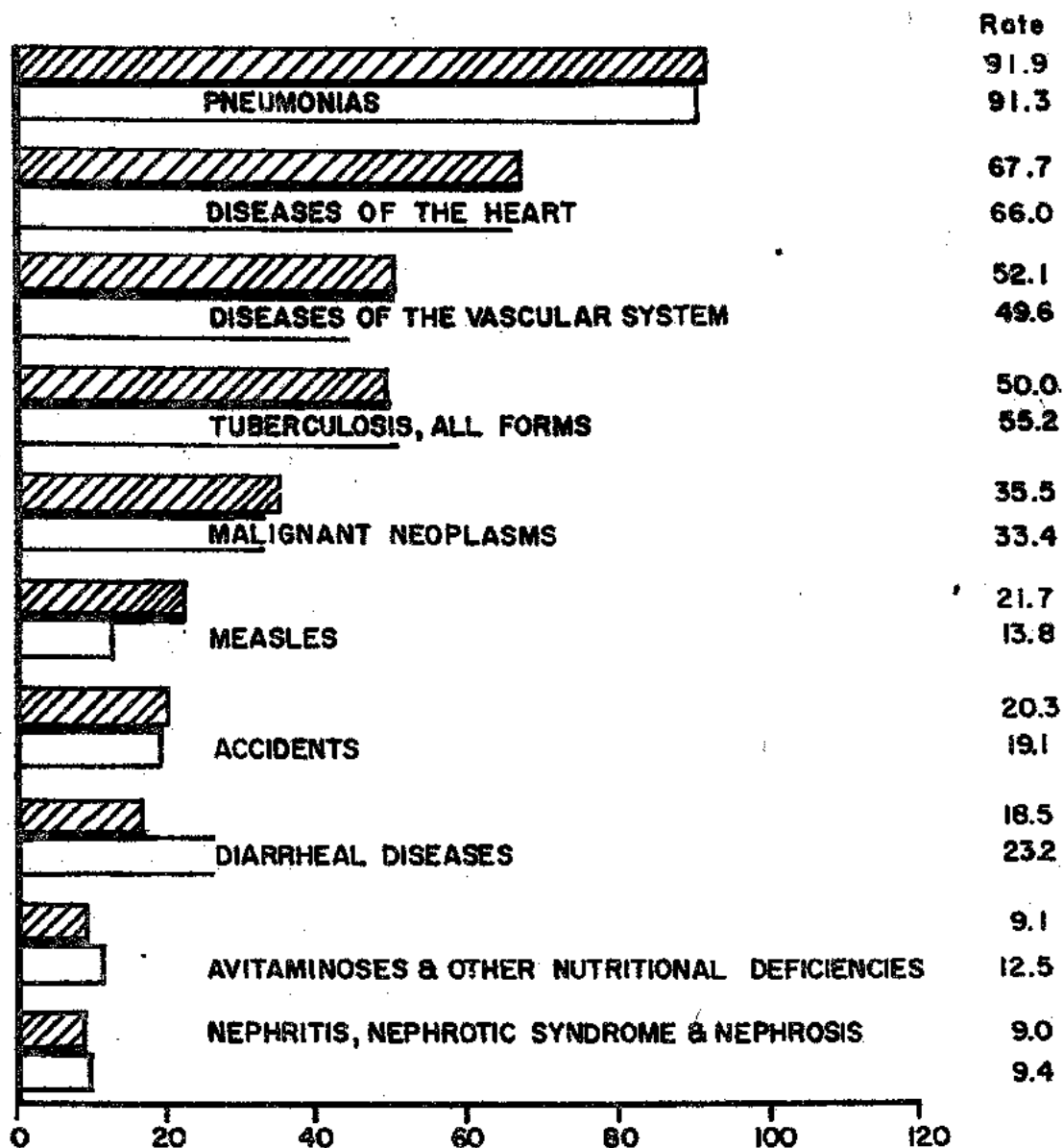


Fig. 24

TOTAL MORTALITY : LEADING CAUSES **PHILIPPINES** **1987**

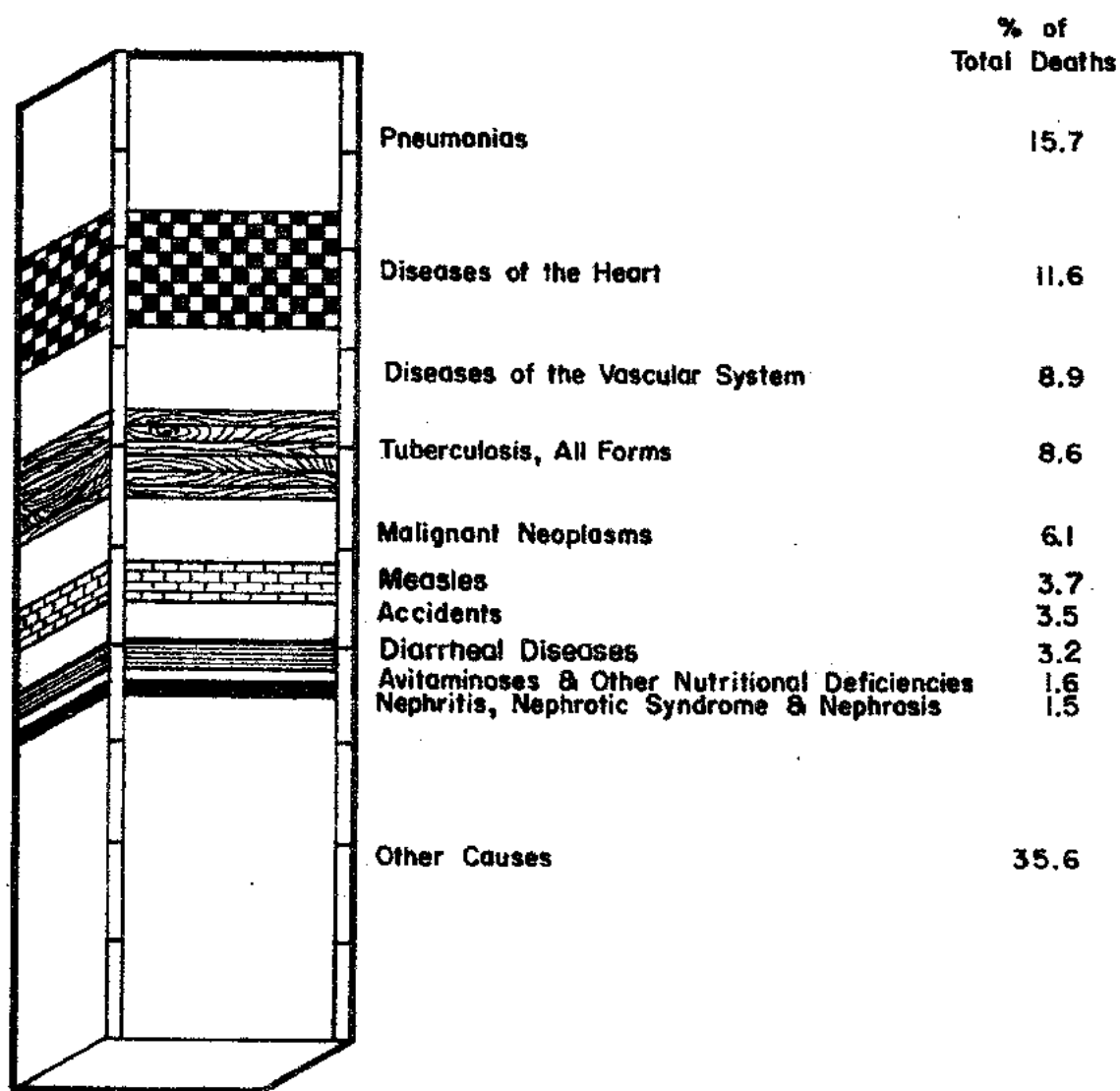


Fig. 25

TABLE 23

MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE
No. & Percentage Distribution
PHILIPPINES
1987

173

C A U S E	TOTAL DEATHS		ATTENDANCE			
			Attended		Not Attended	
	Number	Percent	Number	Percent	Number	Percent
1. PNEUMONIAS.....	52700	100.0	17208	32.7	35492	67.3
2. DISEASES OF THE HEART.....	38840	100.0	16444	42.3	22396	57.7
3. DISEASES OF THE VASCULAR SYSTEM.....	29905	100.0	11967	40.0	17938	60.0
4. TUBERCULOSIS, ALL FORMS....	28697	100.0	11235	39.2	17462	60.8
5. MALIGNANT NEOPLASMS.....	20367	100.00	9051	44.4	11316	55.6
6. MEASLES.....	12431	100.0	4490	36.1	7941	63.9
7. ACCIDENTS.....	11630	100.0	3952	34.0	7678	66.0
8. DIARRHEAL DISEASES.....	10589	100.00	4639	43.8	5950	56.2
9. AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY.....	5229	100.0	2034	38.9	3195	61.1
10. NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS.....	5149	100.0	2278	44.2	2871	55.8

MORTALITY : LEADING CAUSES BY ATTENDANCE **PERCENT DISTRIBUTION** **PHILIPPINES** **1987**

LEGEND :  ATTENDED
 NOT ATTENDED

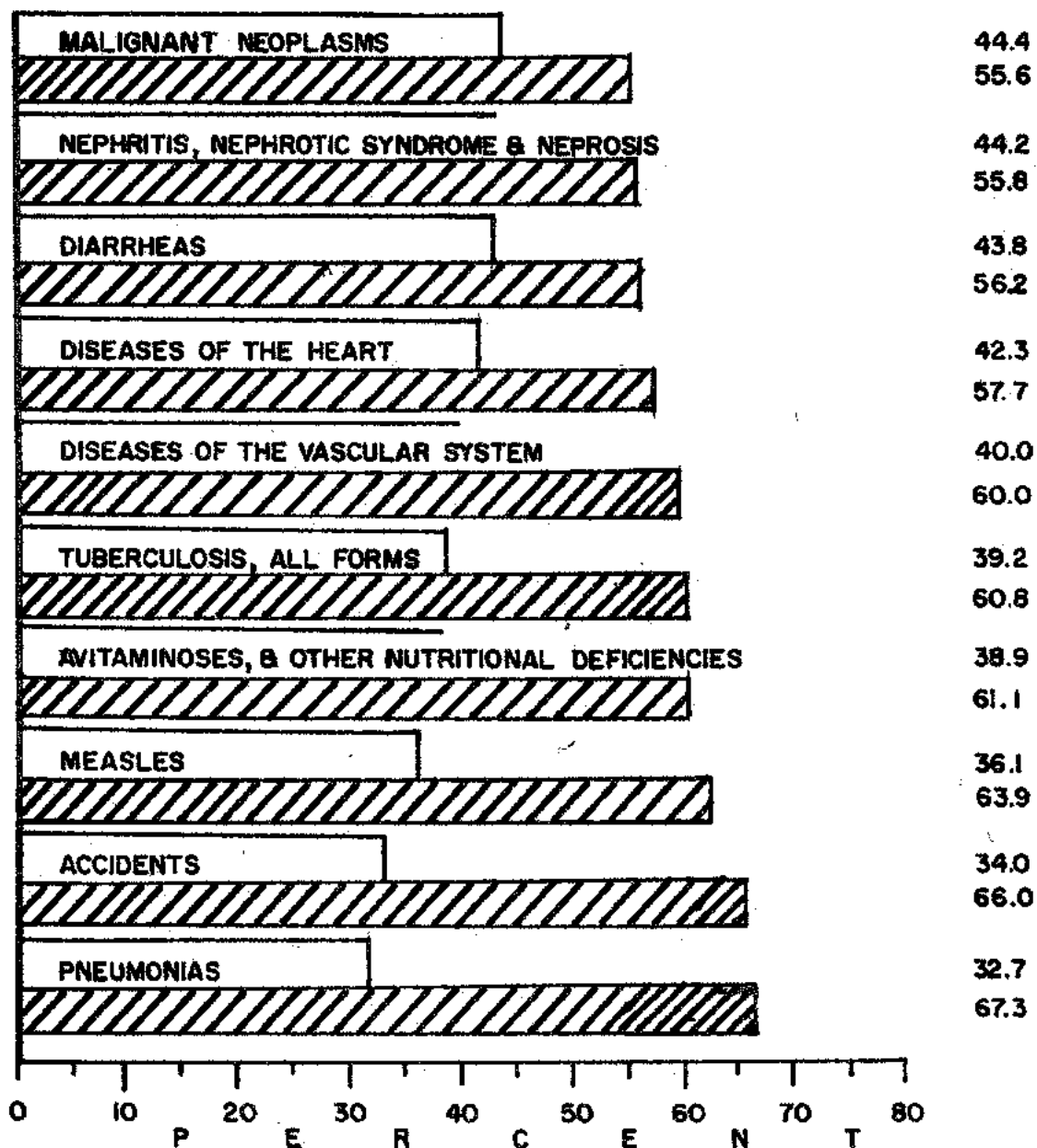


Fig. 26

TABLE 24

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

PHILIPPINES

1987

175

A R E A	Total Deaths	A t t e n d a n c e			
		Attended		Not Attended	
		Number	Percent	Number	Percent
PHILIPPINES.....	335254	131408	39.2	203846	60.8
NAT. CAP. REGION..	51600	31892	61.7	19714	38.3
1ST DIST.					
MANILA.....	17673	11358	64.3	6315	35.7
2ND DIST. MUN.....	6150	3845	62.5	2305	37.5
QUEZON CITY.....	11949	8205	68.6	3744	31.4
3RD DIST. MUN.....	3507	1337	38.2	2170	61.8
CALOOCAN CITY...	3514	2244	63.8	1270	36.2
4TH DIST. MUN.....	6955	3791	54.5	3164	45.5
PASAY CITY.....	1858	1112	59.8	746	40.2
REGION 1	28393	10120	35.6	18273	64.4
ABRA.....	914	253	27.6	661	72.4
BENGUET.....	1147	567	49.5	580	50.5
ILOCOS NORTE.....	2719	1098	40.4	1621	59.6
ILOCOS SUR.....	3672	976	26.5	2696	73.5
LA UNION.....	4095	1425	34.7	2670	65.3
MT. PROVINCE.....	508	237	46.6	271	53.4
PANGASINAN.....	11058	3142	28.5	7916	71.5
BAGUIO CITY.....	976	542	55.5	434	44.5
DAGUPAN CITY.....	1780	1018	57.2	762	42.8
LAOAG CITY.....	774	482	62.3	292	37.7
SAN CARLOS CITY...	750	380	50.6	370	49.4
REGION 2	15274	4386	28.7	10888	71.3
BATANES.....	101	66	65.4	35	34.6
CACAYAN.....	6375	1657	25.9	4718	74.1
IFUGAO.....	470	155	32.9	315	67.1
ISABELA.....	5835	1722	29.5	4113	70.5
KALINGA-APAYAO....	563	205	36.5	358	63.5
NUEVA VIZCAYA.....	1387	454	32.7	933	67.3
QUIRINO.....	543	127	23.4	416	76.6
REGION 3	31675	13672	43.2	18003	56.8
BATAAN.....	2277	1125	49.4	1152	50.6
BULACAN.....	8142	3889	47.7	4253	52.3
NUEVA ECIJA.....	4728	1867	39.5	2861	60.5
PAMPANGA.....	5096	1916	37.6	3180	62.4
TARLAC.....	4834	1506	31.2	3328	68.8
ZAMBALES.....	1824	1176	64.4	648	35.6
ANGELES CITY.....	1474	643	43.6	831	56.4
CABANATUAN CITY...	1511	696	46.1	815	53.9

MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY
No. & Percentage Distribution
PHILIPPINES
1987

A R E A	Total Deaths	A t t e n d a n c e			
		Attended		Not Attended	
		Number	Percent	Number	Percent
OLONGAPO CITY.....	1201	606	50.5	595	49.5
PALAYAN CITY.....	35	5	14.3	30	85.7
SAN JOSE CITY.....	553	243	43.9	310	56.1
<u>REGION 4</u>	<u>47334</u>	<u>19912</u>	<u>42.1</u>	<u>27425</u>	<u>57.9</u>
AURORA.....	900	248	27.6	652	72.4
BATANGAS.....	5865	1830	31.3	4035	68.7
CAVITE.....	4614	1947	42.3	2667	57.7
LAGUNA.....	6194	2403	38.7	3791	61.3
MARINDUQUE.....	1584	443	27.9	1141	72.1
MINDORO OCC.....	1232	570	46.3	662	53.7
MINDORO OR.....	3286	1236	37.6	2050	62.4
PALAWAN.....	1261	451	35.7	810	64.3
QUEZON.....	9445	3734	39.5	5711	60.5
RIZAL.....	3997	2384	59.6	1613	40.4
ROMBLON.....	1794	785	43.7	1009	56.3
BATANGAS CITY.....	1283	666	51.9	617	48.1
CAVITE CITY.....	717	534	74.4	183	25.6
LIPA CITY.....	1101	454	41.3	647	58.7
LUCENA CITY.....	1648	933	56.6	715	43.4
PUERTO PRINCESA.....	507	287	56.6	220	43.4
SAN PABLO CITY.....	1464	670	45.7	794	54.3
TAGAYTAY CITY.....	80	16	20.0	64	80.0
TRECE MARTIRES.....	362	321	88.6	41	11.4
<u>REGION 5</u>	<u>29820</u>	<u>8190</u>	<u>27.5</u>	<u>21624</u>	<u>72.5</u>
ALBAY.....	6011	1286	21.4	4725	78.6
CAMARINES NORTE.....	3769	941	24.9	2828	75.1
CAMARINES SUR.....	7643	1412	18.5	6231	81.5
CATANDUANES.....	1736	607	34.9	1129	65.1
MASBATE.....	2613	1005	38.5	1608	61.5
SORSOGON.....	4860	1452	29.8	3408	70.2
IRIGA CITY.....	662	201	30.4	461	69.6
LEGASPI CITY.....	1352	660	48.8	692	51.2
NAGA CITY.....	1174	632	53.8	542	46.2
<u>REGION 6</u>	<u>32959</u>	<u>10959</u>	<u>33.3</u>	<u>22000</u>	<u>66.7</u>
AKLAN.....	2637	707	26.8	1930	73.2
ANTIQUE.....	3374	1170	34.6	2204	65.4
CAPIZ.....	2717	427	15.7	2290	84.3
ILOILO.....	8193	2283	27.8	5910	72.2
NEGROS OCC.....	6328	1584	25.1	4744	74.9

TABLE 24

MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY
No. & Percentage Distribution
PHILIPPINES
1987

177

A R E A	Total Deaths	A t t e n d a n c e			
		Attended		Not Attended	
		Number	Percent	Number	Percent
BACOLOD CITY.....	2931	1749	59.6	1182	40.4
BAGO CITY.....	577	250	43.4	327	56.6
CADIZ CITY.....	490	98	20.0	392	80.0
ILOILO CITY.....	2902	1392	47.9	1510	52.1
LA CARLOTA CITY....	336	138	41.1	198	58.9
ROXAS CITY.....	1072	597	55.6	475	44.4
SAN CARLOS CITY....	713	275	38.6	438	61.4
SILAY CITY.....	689	289	41.9	400	58.1
<u>REGION 7</u>	<u>28538</u>	<u>7059</u>	<u>24.7</u>	<u>21479</u>	<u>75.3</u>
BOHOL.....	5715	530	9.3	5185	90.7
CEBU.....	8887	1336	15.1	7551	84.9
NEGROS OR.....	2605	536	20.6	2069	79.4
SIQUIJOR.....	622	101	16.3	521	83.7
BAIS CITY.....	215	88	40.9	127	59.1
CANLAON CITY.....	373	26	6.9	347	93.1
CEBU CITY.....	5666	2770	48.8	2896	51.2
DANAO CITY.....	474	64	13.5	410	86.5
DUMAGUETE CITY....	1077	794	73.7	283	26.3
LAPU-LAPU CITY....	939	124	13.3	815	86.7
MANDAWE CITY.....	758	138	18.3	620	81.7
TAGBILARAN CITY....	606	474	78.3	132	21.7
TOLEDO CITY.....	601	78	12.9	523	87.1
<u>REGION 8</u>	<u>18460</u>	<u>4981</u>	<u>26.9</u>	<u>13479</u>	<u>73.1</u>
LEYTE DEL NORTE....	8510	1811	21.3	6699	78.7
LEYTE DEL SUR.....	2159	713	53.1	1446	66.9
EASTERN SAMAR.....	1138	424	37.3	714	62.7
NORTHERN SAMAR.....	2478	595	24.1	1883	75.9
WESTERN SAMAR.....	1284	251	19.6	1033	80.4
CALBAYOG CITY.....	693	190	27.4	503	72.6
ORMOC CITY.....	658	190	28.8	468	71.2
TACLOBAN CITY.....	1540	807	52.4	733	47.6
<u>REGION 9</u>	<u>9786</u>	<u>4250</u>	<u>43.5</u>	<u>5536</u>	<u>56.5</u>
BASILAN.....	480	272	56.6	208	43.4
SULU.....	780	681	87.3	99	12.7
TAWI-TAWI.....	55	30	54.5	25	45.5
ZAMB. DEL NORTE....	1668	357	21.5	1311	78.5
ZAMB. DEL SUR.....	2472	842	34.1	1630	65.9

MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY
No. & Percentage Distribution
PHILIPPINES
1987

A R E A	Total Deaths	A t t e n d a n c e			
		Attended		Not Attended	
		Number	Percent	Number	Percent
DAPITAN CITY.....	338	129	38.2	209	61.8
DIPOLOG CITY.....	662	329	49.6	333	50.4
PAGADIAN CITY.....	739	393	53.2	346	46.8
ZAMBOANGA CITY....	2592	1217	46.9	1375	53.1
<u>REGION 10</u>	<u>16287</u>	<u>5472</u>	<u>33.5</u>	<u>10815</u>	<u>66.5</u>
AGUSAN DEL NORTE..	1144	472	41.3	672	58.7
AGUSAN DEL SUR....	1043	365	34.9	678	65.1
BUKIDNON.....	2122	834	39.4	1288	60.6
CAMIGUIN.....	441	139	31.6	302	68.4
MISAMIS OCC.....	1346	202	15.1	1144	84.9
MISAMIS OR.....	2166	292	13.5	1874	86.5
SURIGAO DEL NORTE.	1429	260	18.2	1169	81.8
BUTUAN CITY.....	1541	608	39.5	933	60.5
CAGAYAN DE ORO....	2030	1123	55.4	907	44.6
GINGOOG CITY.....	678	218	32.2	460	67.8
OROQUIETA CITY....	420	246	58.5	174	41.5
OZAMIS CITY.....	799	293	36.6	506	63.4
SURIGAO CITY.....	794	363	45.7	431	54.3
TANGUB CITY.....	334	57	17.1	277	82.9
<u>REGION 11</u>	<u>17754</u>	<u>7134</u>	<u>40.2</u>	<u>10620</u>	<u>59.8</u>
COTABATO SOUTH....	2775	1220	43.9	1555	56.1
DAVAO DEL NORTE...	3847	1061	27.5	2786	72.5
DAVAO ORIENTAL....	1367	381	27.8	986	72.2
DAVAO DEL SUR.....	1965	620	31.6	1345	68.4
SURIGAO DEL SUR...	2295	887	38.6	1408	61.4
DAVAO CITY.....	4209	2390	56.7	1819	43.3
GEN. SANTOS CITY..	1296	575	44.4	721	55.6
<u>REGION 12</u>	<u>7368</u>	<u>3375</u>	<u>45.8</u>	<u>3993</u>	<u>54.2</u>
COTABATO NORTH....	1795	717	39.9	1078	60.1
LANAO DEL NORTE...	1170	404	34.5	766	65.5
LANAO DEL SUR.....	127	57	44.8	70	55.2
MAGUINDANAO.....	221	89	40.3	132	59.7
SULTAN KUDARAT....	1181	452	38.3	729	61.7
COTABATO CITY.....	1109	870	78.4	239	21.6
ILIGAN CITY.....	1582	626	39.5	956	60.5
MARAWI CITY.....	183	160	87.4	23	12.6

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

179

C A U S E	ALL AGES			
	Male	Female	Both Sexes	Rate
Typhoid and Paratyphoid fevers.....(002)	628	483	1111	1.9
Other salmonella infections.....(003)	5	5	10	0.02
Shigellosis and amoebiasis (Dysentery, All Forms).....(004;006)	533	331	864	1.5
Other food poisoning (Bacterial).....(005)	133	81	214	0.4
Other intestinal infectious diseases.(007;008)	60	39	99	0.2
Diarrheas.....(009)	4812	3479	8291	14.5
Tuberculosis of the respiratory system.....(010-012)	17553	10445	27998	48.8
Tuberculosis of meninges & CNS.....(013)	231	204	435	0.8
Other tuberculosis, including late effects.....(014-018;137)	140	124	264	0.5
Plague.....(020)	0	0	0	-
Leprosy.....(030)	42	21	63	0.1
Diphtheria.....(032)	130	115	245	0.4
Whooping Cough.....(033)	13	13	26	0.05
Streptococcal sore throat.....(034)	3	3	6	0.01
Meningococcal infection.....(036)	55	34	89	0.2
Tetanus.....(037)	694	332	1026	1.8
Septicemia.....(038)	2321	2005	4326	7.5
All other diseases caused by bacteria.....(021-027;031;035;039-041)	118	73	191	0.3
Acute poliomyelitis including late effects.....(045;138)	27	16	43	0.07
Smallpox.....(050)	0	0	0	-
Chickenpox.....(052)	0	15	15	0.03
Measles.....(055)	6341	6090	12431	21.7
Yellow Fever.....(060)	0	0	0	-
Dengue-hemorrhagic fever.....(061;065)	127	116	243	0.4
Arthropod-borne viral encephalitis including late effects.....(062-064;139)	22	19	41	0.07
Viral hepatitis.....(070)	534	283	817	1.4
Rabies.....(071)	215	104	319	0.6
Other viral diseases.....(046-049;051-054;056;057;066;072-079)	154	116	270	0.5
Malaria.....(084)	770	456	1226	2.1
Other arthropod-borne diseases.....(080-083;085-088)	25	12	37	0.06
Syphilis.....(090-097)	7	2	9	0.02
Gonococcal Infections.....(098)	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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	6	22	1.3	40	37	77	1.2
Other salmonella infections.....	0	1	1	0.06	2	1	3	0.05
Shigellosis & amoebiasis (Dysentery, All Forms).....	151	100	251	14.7	142	112	254	3.9
Other food poisoning (Bacterial).....	4	5	9	0.5	28	18	46	0.7
Other intestinal infectious diseases.....	22	13	35	2.0	25	15	40	0.6
Diarrheas.....	1687	1227	2914	170.5	1571	1178	2749	42.1
Tuberculosis of the respiratory system.....	0	0	0	-	0	0	0	-
Tuberculosis of meninges & CNS..	18	21	39	2.3	70	77	147	2.3
Other tuberculosis, including late effects.....	4	10	14	0.8	7	7	14	0.2
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	0	1	1	0.06	0	0	0	-
Diphtheria.....	27	20	47	2.7	88	79	167	2.6
Whooping Cough.....	6	8	14	0.8	5	3	8	0.1
Streptococcal sore throat.....	1	0	1	0.06	2	2	4	0.06
Meningococcal infection.....	22	11	33	1.9	15	10	25	0.4
Tetanus.....	88	62	150	8.8	51	43	94	1.4
Septicemia.....	577	446	1023	59.9	343	295	638	9.8
All other diseases caused by bacteria.....	46	27	73	4.3	25	24	49	0.8
Acute poliomyelitis, including late effects.....	0	1	1	0.06	5	4	9	0.1
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	2	2	0.1	0	4	4	0.06
Measles.....	1254	1101	2355	137.8	4190	4026	8216	125.9
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	31	26	57	3.3	40	23	63	1.0
Arthropod-borne viral encephalitis including late effects.....	3	6	9	0.5	3	3	6	0.09
Viral hepatitis.....	48	32	80	4.7	29	20	49	0.8
Rabies.....	0	3	3	0.2	16	6	22	0.3
Other viral diseases.....	28	25	53	3.1	48	30	78	1.2
Malaria.....	25	14	39	2.3	64	63	127	1.9
Other arthropod-borne diseases..	6	0	6	0.4	5	7	12	0.2
Syphilis.....	0	0	0	-	0	1	1	0.02
Gonococcal infection.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

181

C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	Male	Fe- Male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Typhoid & paratyphoid fevers....	45	35	80	1.0	37	53	90	1.3
Other salmonella infections.....	1	1	2	0.03	0	0	0	-
Shigellosis & amoebiasis (Dysentery, All Forms).....	75	24	99	1.3	22	5	27	0.4
Other food poisoning (Bacterial).....	28	21	49	0.6	7	2	9	0.1
Other intestinal infectious diseases.....	8	6	14	0.2	0	1	1	0.01
Diarrheas.....	484	314	798	10.4	124	57	181	2.6
Tuberculosis of the respiratory system.....	1	0	1	0.01	0	1	1	0.01
Tuberculosis of meninges & CNS..	36	20	56	0.7	19	21	40	0.6
Other tuberculosis, including late effects.....	7	8	15	0.2	9	5	14	0.2
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	0	1	1	0.01	0	0	0	-
Diphtheria.....	10	15	25	0.3	2	1	3	0.04
Whooping Cough.....	2	2	4	0.05	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	0	0	0	-
Meningococcal infection.....	7	3	10	0.1	4	1	5	0.07
Tetanus.....	95	43	138	1.8	97	28	125	1.8
Septicemia.....	145	107	252	3.3	72	70	142	2.1
All other diseases caused by bacteria.....	9	3	12	0.2	3	0	3	0.04
Acute poliomyelitis, including late effects.....	5	5	10	0.1	3	1	4	0.06
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	3	3	0.04	0	3	3	0.04
Measles.....	721	762	1483	19.3	96	109	205	3.0
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	29	39	68	0.9	12	14	26	0.4
Arthropod-borne viral encephalitis including late effects.....	3	1	4	0.05	5	1	6	0.09
Viral hepatitis.....	29	17	46	0.6	15	11	26	0.4
Rabies.....	33	16	49	0.6	37	13	50	0.7
Other viral diseases.....	25	14	39	0.5	8	2	10	0.1
Malaria.....	54	44	98	1.3	39	33	72	1.0
Other arthropod-borne diseases..	2	1	3	0.04	1	1	2	0.03
Syphilis.....	0	0	0	-	2	0	2	0.03
Gonococcal infection.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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....	71	59	130	2.1	83	50	133	2.4
Other salmonella infections.....	0	0	0	-	0	0	0	-
Shigellosis & amoebiasis (Dysentery, All Forms).....	15	3	18	0.3	6	6	12	0.2
Other food poisoning (Bacterial).....	3	4	7	0.1	4	2	6	0.1
Other intestinal infectious diseases.....	0	0	0	-	1	0	1	0.02
Diarrheas.....	57	47	104	1.7	72	31	103	1.9
Tuberculosis of the respiratory system.....	430	348	778	12.6	448	322	770	14.1
Tuberculosis of meninges & CNS..	7	8	15	0.2	13	12	25	0.5
Other tuberculosis, including late effects.....	5	4	9	0.1	8	7	15	0.3
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	0	0	0	-	1	1	2	0.04
Diphtheria.....	1	0	1	0.02	0	0	0	-
Whooping Cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	0	1	1	0.02
Meningococcal infection.....	3	2	5	0.08	1	0	1	0.02
Tetanus.....	58	10	68	1.1	37	13	50	0.9
Septicemia.....	75	72	147	2.4	82	115	197	3.6
All other diseases caused by bacteria.....	2	0	2	0.03	4	1	5	0.09
Acute poliomyelitis, including late effects.....	5	1	6	0.1	4	1	5	0.09
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	2	2	0.03	0	0	0	-
Measles.....	13	23	36	0.6	17	11	28	0.5
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	5	6	11	0.2	5	2	7	0.1
Arthropod-borne viral encephalitis including late effects.....	1	2	3	0.05	2	0	2	0.04
Viral hepatitis.....	17	9	26	0.4	22	23	45	0.8
Rabies.....	12	4	16	0.3	10	5	15	0.3
Other viral diseases.....	8	6	14	0.2	2	10	12	0.2
Malaria.....	61	27	88	1.4	58	41	99	1.8
Other arthropod-borne diseases..	0	1	1	0.02	1	0	1	0.02
Syphilis.....	0	0	0	-	0	0	0	-
Gonococcal infection.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

183

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....	57	44	101	2.1	49	35	84	2.1
Other salmonella infections....	0	2	2	0.04	1	0	1	0.02
Shigellosis & amoebiasis (Dysentery, All Forms).....	8	6	14	0.3	7	3	10	0.2
Other food poisoning (Bacterial).....	8	3	11	0.2	8	5	13	0.3
Other intestinal infectious diseases.....	0	0	0	-	1	0	1	0.02
Diarrheas.....	51	36	87	1.8	52	28	80	2.0
Tuberculosis of the respiratory system.....	704	478	1182	24.7	807	554	1361	33.2
Tuberculosis of meninges & CNS..	16	9	25	0.5	9	8	17	0.4
Other tuberculosis, including late effects.....	8	6	14	0.3	5	5	10	0.2
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	2	2	4	0.08	4	0	4	0.1
Diphtheria.....	1	0	1	0.02	1	0	1	0.02
Whooping Cough.....	0	0	0	-	0	0	0	-
Streptococcal sore throat.....	0	0	0	-	0	0	0	-
Meningococcal infection.....	0	2	2	0.04	1	0	1	0.02
Tetanus.....	39	18	57	1.2	24	12	36	0.9
Septicemia.....	101	87	188	3.9	60	94	154	3.8
All other diseases caused by bacteria.....	3	1	4	0.08	3	2	5	0.1
Acute poliomyelitis, including late effects.....	0	0	0	-	1	1	2	0.05
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	0	0	-	0	0	0	-
Measles.....	8	11	19	0.4	1	2	3	0.07
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	1	1	2	0.04	1	3	4	0.1
Arthropod-borne viral encephalitis including late effects.....	0	1	1	0.02	1	0	1	0.02
Viral hepatitis.....	32	17	49	1.0	39	17	56	1.4
Rabies.....	7	6	13	0.3	20	5	25	0.6
Other viral diseases.....	6	8	14	0.3	0	1	1	0.02
Malaria.....	82	49	131	2.7	45	31	76	1.9
Other arthropod-borne diseases..	1	0	1	0.02	0	0	0	-
Syphilis.....	0	0	0	-	0	0	0	-
Gonococcal infection.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Typhoid & paratyphoid fevers....	50	41	91	2.8	30	18	48	1.9
Other salmonella infections.....	1	0	1	0.03	0	0	0	-
Shigellosis & amoebiasis (Dysentery, All Forms).....	6	9	15	0.5	8	3	11	0.4
Other food poisoning (Bacterial).....	3	4	7	0.2	4	6	10	0.4
Other intestinal infectious diseases.....	1	1	2	0.06	0	0	0	-
Diarrheas.....	47	40	87	2.7	43	18	61	2.4
Tuberculosis of the respiratory system.....	1023	578	1601	49.1	1147	620	1767	69.5
Tuberculosis of meninges & CNS..	8	6	14	0.4	9	1	10	0.4
Other tuberculosis, including late effects.....	4	4	8	0.2	6	11	17	0.7
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	4	1	5	0.2	3	1	4	0.2
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.....	1	2	3	0.09	0	0	0	-
Tetanus.....	32	12	44	1.4	39	10	49	1.9
Septicemia.....	80	77	157	4.8	71	65	136	5.4
All other diseases caused by bacteria.....	1	2	3	0.09	0	0	0	-
Acute poliomyelitis, including late effects.....	0	0	0	-	1	1	2	0.08
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	0	0	-	0	1	1	0.04
Measles.....	2	1	3	0.09	4	5	9	0.4
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	1	1	2	0.06	0	0	0	-
Arthropod-borne viral encephalitis including late effects.....	1	0	1	0.03	0	1	1	0.04
Viral hepatitis.....	40	17	57	1.7	34	15	49	1.9
Rabies.....	16	3	19	0.6	10	8	18	0.7
Other viral diseases.....	9	4	13	0.4	0	3	3	0.1
Malaria.....	55	32	87	2.7	48	15	64	2.5
Other arthropod-borne diseases..	0	0	0	-	1	0	1	0.04
Syphilis.....	1	0	1	0.03	1	0	1	0.04
Gonococcal infection.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

185

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....	28	14	42	2.0	23	16	39	2.4
Other salmonella infections.....	0	0	0	-	0	0	0	-
Shigellosis & amoebiasis (Dysentery, All Forms).....	9	4	13	0.6	9	2	11	0.7
Other food poisoning (Bacterial).....	9	1	10	0.5	5	1	6	0.4
Other intestinal infectious diseases.....	0	0	0	-	0	2	2	0.1
Diarrheas.....	58	25	83	3.9	67	41	108	6.6
Tuberculosis of the respiratory system.....	1495	700	2195	103.1	1754	872	2626	160.7
Tuberculosis of meninges & CNS..	8	5	13	0.6	6	3	9	0.6
Other tuberculosis, including late effects.....	15	8	23	1.1	7	6	13	0.8
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	4	1	5	0.2	6	3	9	0.6
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.....	0	0	0	-	0	0	0	-
Tetanus.....	26	6	32	1.5	28	6	34	2.1
Septicemia.....	81	52	133	6.2	87	40	127	7.8
All other diseases caused by bacteria.....	2	3	5	0.2	4	0	4	0.2
Acute poliomyelitis, including late effects.....	1	1	2	0.09	1	0	1	0.06
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	0	0	-	0	0	0	-
Measles.....	1	2	3	0.1	1	2	3	0.2
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	0	0	0	-	0	0	0	-
Arthropod-borne viral encephalitis including late effects.....	0	0	0	-	0	2	2	0.1
Viral hepatitis.....	44	14	58	2.7	40	11	51	3.1
Rabies.....	11	6	17	0.8	8	7	15	0.9
Other viral diseases.....	3	0	3	0.1	2	0	2	0.1
Malaria.....	53	17	70	3.3	56	20	76	4.7
Other arthropod-borne diseases..	1	0	1	0.05	1	0	1	0.06
Syphilis.....	0	0	0	-	0	0	0	-
Gonococcal infection.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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....	30	15	45	3.4	28	9	37	3.5
Other salmonella infections.....	0	0	0	-	0	0	0	-
Shigellosis & amoebiasis (Dysentery, All Forms).....	6	5	11	0.8	14	10	24	2.3
Other food poisoning (Bacterial).....	2	0	2	0.1	4	1	5	0.5
Other intestinal infectious diseases.....	0	0	0	-	0	0	0	-
Diarrheas.....	65	44	109	8.2	72	44	116	11.0
Tuberculosis of the respiratory system.....	1897	893	2790	209.2	1886	976	2862	271.3
Tuberculosis of meninges & CNS..	4	3	7	0.5	2	2	4	0.4
Other tuberculosis, including late effects.....	9	8	17	1.3	10	8	18	1.7
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	5	1	6	0.4	7	3	10	0.9
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.....	0	0	0	-	0	1	1	0.09
Tetanus.....	20	14	34	2.5	11	9	20	1.9
Septicemia.....	81	57	138	10.3	81	62	143	13.6
All other diseases caused by bacteria.....	3	1	4	0.3	5	2	7	0.7
Acute poliomyelitis, including late effects.....	1	0	1	0.07	0	0	0	-
Smallpox.....	0	0	0	-	0	0	0	-
Chickenpox.....	0	0	0	-	0	0	0	-
Measles.....	2	0	2	0.1	5	2	7	0.7
Yellow-Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	0	0	0	-	1	1	2	0.2
Arthropod-borne viral encephalitis including late effects.....	1	1	2	0.1	0	0	0	-
Viral hepatitis.....	35	13	48	3.6	34	19	53	5.0
Rabies.....	13	2	15	1.1	8	7	15	1.4
Other viral diseases.....	2	2	4	0.3	4	4	8	0.8
Malaria.....	30	17	47	3.5	31	13	44	4.2
Other arthropod-borne diseases..	0	0	0	-	0	0	0	-
Syphilis.....	0	0	0	-	1	0	1	0.09
Gonococcal infection.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

187

C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Typhoid & paratyphoid fevers....	12	16	28	3.4	29	35	64	5.1
Other salmonella infections.....	0	0	0	-	0	0	0	-
Shigellosis & amoebiasis (Dysentery, All Forms).....	9	5	14	1.7	46	33	79	6.3
Other food poisoning (Bacterial).....	9	4	13	1.6	7	4	11	0.9
Other intestinal infectious diseases.....	1	1	2	0.2	1	0	1	0.08
Diarrheas.....	71	60	131	16.0	290	289	579	46.3
Tuberculosis of the respiratory system.....	1855	1078	2933	359.3	4106	3025	7131	570.8
Tuberculosis of meninges & CNS..	2	4	6	0.7	4	4	8	0.6
Other tuberculosis, including late effects.....	6	6	12	1.5	30	21	51	4.1
Plague.....	0	0	0	-	0	0	0	-
Leprosy.....	0	3	3	0.4	6	3	9	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.....	0	0	0	-	1	2	3	0.2
Tetanus.....	15	13	28	3.4	34	33	67	5.4
Septicemia.....	91	71	162	19.8	294	295	589	47.1
All other diseases caused by bacteria.....	3	1	4	0.5	5	6	11	0.9
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	2	3	0.4	25	31	56	4.5
Yellow Fever.....	0	0	0	-	0	0	0	-
Dengue-hemorrhagic fever.....	0	0	0	-	1	0	1	0.08
Arthropod-borne viral encephalitis including late effects.....	0	0	0	-	2	1	3	0.2
Viral hepatitis.....	20	10	30	3.7	56	38	94	7.5
Rabies.....	6	5	11	1.3	8	8	16	1.3
Other viral diseases.....	3	1	3	0.5	6	6	12	1.0
Malaria.....	21	11	32	3.9	48	28	76	6.1
Other arthropod-borne diseases..	1	0	1	0.1	5	2	7	0.6
Syphilis.....	0	0	0	-	2	1	3	0.2
Gonococcal infection.....	0	0	0	-	0	0	0	-

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	NOT STATED			
	Male	Female	Both Sexes	Rate
Typhoid and paratyphoid fevers.....	0	0	0	-
Other salmonella infections.....	0	0	0	-
Shigellosis and amoebiasis (Dysentery, All Forms).....	0	1	1	-
Other food poisoning (Bacterial).....	0	0	0	-
Diarrheas.....	1	0	1	-
Tuberculosis of the respiratory system.....	0	0	0	-
Tuberculosis of meninges and CNS.....	0	0	0	-
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.....	0	0	0	-
Other arthropod-borne diseases.....	0	0	0	-
Syphilis.....	0	0	0	-
Gonococcal infection.....	0	0	0	-
Other intestinal infectious diseases.....	0	0	0	-

C A U S E	ALL AGES			
	Male	Female	Both Sexes	Rate
Schistosomiasis.....(120)	208	80	288	0.5
Filariasis.....(125)	0	0	0	-
Other helminthiasis.....(121-124;126-129)	145	102	247	0.4
Other infectious and parasitic diseases.....(099;100-104;110-118;130-136)	144	79	223	0.4
Malignant neoplasms of:				
lip, oral cavity and pharynx.....(140-149)	813	555	1368	2.4
esophagus.....(150)	163	104	267	0.5
stomach.....(151)	854	607	1461	2.5
small intestine including duodenum.....(152)	38	26	64	0.1
colon.....(153)	130	108	238	0.4
rectum, rectosigmoid junction & anus....(154)	269	236	505	0.9
larynx.....(161)	111	49	160	0.3
trachea, bronchus, lung and pleura.....(162;163)	2029	811	2840	5.0
bone and articular cartilage.....(170)	463	315	778	1.4
skin.....(172;173)	55	40	95	0.2
female breast.....(174)	0	1433	1433	2.5
cervix uteri.....(180)	0	337	337	0.6
uterus.....(179;181-182)	0	868	868	1.5
other female genital organs.....(183-184)	0	319	319	0.6
prostate.....(185)	320	0	320	0.6
other and unspecified sites....(155-160;164;165;171;175;186-199)	4742	2679	7421	12.9
lymphatic tissue.....(200-203)	184	115	299	0.5
Leukemia.....(204-208)	722	728	1450	2.5
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior and of unspecified nature.....(210-239)	77	67	144	0.3
Diabetes mellitus.....(250)	1476	1705	3181	5.5
Kwashiorkor.....(260)	137	105	242	0.4
Nutritional marasmus.....(261)	149	133	282	0.5
Other protein calorie malnutrition.....(262)	332	281	613	1.1
Other nutritional deficiencies.....(263-269)	2211	1881	4092	7.1
Goiter, thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders.....(240-246;251-259;270-279)	1826	1381	3207	5.6
Anemias.....(280-285)	1187	1245	2432	4.2
Other diseases of blood-forming organs.....(286-289)	219	186	405	0.7

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Schistosomiasis.....	6	2	8	0.5	10	3	13	0.2
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	6	9	15	0.9	57	48	105	1.6
Other infectious & parasitic diseases.....	21	7	28	1.6	35	26	61	0.9
Malignant neoplasms of:								
lip, oral cavity & pharynx...	1	1	2	0.1	3	2	5	0.08
esophagus.....	0	0	0	-	1	2	3	0.05
stomach.....	0	0	0	-	3	4	7	0.1
small intestine, including duodenum.....	0	0	0	-	0	0	0	-
colon.....	0	1	1	0.06	0	1	1	0.02
rectum, rectosigmoid junction & anus.....	1	1	2	0.1	1	2	3	0.05
larynx.....	0	0	0	-	1	0	1	0.02
trachea, bronchus, lung and pleura.....	4	2	6	0.4	4	5	9	0.1
bone & articular cartilage...	2	2	4	0.2	5	1	6	0.09
skin.....	0	0	0	-	2	0	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 & unspecified sites....	42	35	77	4.5	47	38	85	1.3
lymphatic tissue.....	2	3	5	0.3	5	2	7	0.1
Leukemia.....	21	19	40	2.3	63	58	121	1.9
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	4	2	6	0.4	2	1	3	0.05
Diabetes mellitus.....	8	8	16	0.9	2	3	5	0.08
Kwashiorkor.....	42	23	65	3.8	69	59	128	2.0
Nutritional marasmus.....	50	33	83	4.9	67	73	140	2.1
Other protein-calorie malnutrition.....	68	52	120	7.0	136	116	252	3.9
Other nutritional deficiencies.	845	673	1518	88.8	578	526	1104	16.9
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	580	389	969	56.7	494	384	878	13.5
Anemias.....	99	59	158	9.2	69	74	143	2.2
Other diseases of blood- forming organs.....	74	50	124	7.3	22	16	38	0.6

C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis.....	7	1	8	0.1	12	2	14	0.2
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	50	23	73	1.0	10	4	14	0.2
Other infectious & parasitic diseases.....	17	13	30	0.4	9	3	12	0.2
Malignant neoplasms of:								
lip, oral cavity & pharynx...	7	3	10	0.1	2	1	3	0.04
esophagus.....	0	0	0	-	0	0	0	-
stomach.....	1	2	3	0.04	2	3	5	0.07
small intestine, including duodenum.....	0	0	0	-	0	0	0	-
colon.....	2	0	2	0.03	1	0	1	0.01
rectum, rectosigmoid junction & anus.....	1	1	2	0.03	0	0	0	-
larynx.....	0	0	0	-	0	0	0	-
trachea, bronchus, lung and pleura.....	4	3	7	0.09	1	3	4	0.06
bone & articular cartilage...	4	3	7	0.09	7	11	18	0.3
skin.....	0	1	1	0.01	1	1	2	0.03
female breast.....	0	0	0	-	0	3	3	0.04
cervix uteri.....	0	0	0	-	0	3	3	0.04
uterus.....	0	0	0	-	0	2	2	0.03
other female genital organs...	0	0	0	-	0	5	5	0.07
prostate.....	0	0	0	-	9	0	9	0.1
other & unspecified sites....	46	28	74	1.0	49	30	79	1.1
lymphatic tissue.....	2	2	4	0.05	6	2	8	0.1
Leukemia.....	75	56	131	1.7	84	69	153	2.2
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	3	3	6	0.08	4	3	7	0.1
Diabetes mellitus.....	0	2	2	0.03	4	9	13	0.2
Kwashiorkor.....	13	7	20	0.3	4	1	5	0.07
Nutritional marasmus.....	12	8	20	0.3	1	2	3	0.04
Other protein-calorie malnutrition.....	35	23	58	0.8	6	4	10	0.1
Other nutritional deficiencies.	131	80	211	2.8	30	19	49	0.7
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	140	71	211	2.8	38	31	69	1.0
Anemias.....	54	44	98	1.3	56	36	92	1.3
Other diseases of blood- forming organs.....	17	10	27	0.4	13	12	25	0.4

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Schistosomiasis.....	3	2	5	0.08	16	2	18	0.3
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	1	2	3	0.05	1	1	2	0.04
Other infectious & parasitic diseases.....	5	4	9	0.1	5	4	9	0.2
Malignant neoplasms of:								
lip, oral cavity & pharynx...	9	2	11	0.2	16	6	22	0.4
esophagus.....	0	2	2	0.03	1	1	2	0.04
stomach.....	3	5	8	0.1	16	5	21	0.4
small intestine, including duodenum.....	1	0	1	0.02	1	0	1	0.02
colon.....	0	0	0	-	0	1	1	0.02
rectum, rectosigmoid junction and anus.....	1	1	2	0.03	2	2	4	0.07
larynx.....	0	0	0	-	4	0	4	0.07
trachea, bronchus, lung and pleura.....	9	5	14	0.2	18	10	28	0.5
bone & articular cartilage...	28	11	39	0.6	18	7	25	0.5
skin.....	0	0	0	-	1	4	5	0.09
female breast.....	0	5	5	0.08	0	10	10	0.2
cervix uteri.....	0	1	1	0.02	0	6	6	0.1
uterus.....	0	5	5	0.08	0	19	19	0.3
other female genital organs..	0	7	7	0.1	0	4	4	0.07
prostate.....	0	0	0	-	0	0	0	-
other & unspecified sites....	58	47	105	1.7	81	67	148	2.7
lymphatic tissue.....	13	4	17	0.3	6	3	9	0.2
Leukemia.....	64	64	128	2.1	44	49	93	1.7
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	1	5	6	0.1	2	4	6	0.1
Diabetes mellitus.....	5	9	14	0.2	14	9	23	0.4
Kwashiorkor.....	0	0	0	-	0	0	0	-
Nutritional marasmus.....	0	2	2	0.03	0	0	0	-
Other protein-calorie malnutrition.....	2	2	4	0.06	5	2	7	0.1
Other nutritional deficiencies.	20	12	32	0.5	20	15	35	0.6
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	38	14	52	0.8	33	25	58	1.1
Anemias.....	60	42	102	1.7	48	82	130	2.4
Other diseases of blood- forming organs.....	14	11	25	6.4	16	16	32	0.6

C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Schistosomiasis.....	15	8	23	0.5	14	6	20	0.5
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	1	1	2	0.04	1	0	1	0.02
Other infectious & parasitic diseases.....	7	0	7	0.1	1	1	2	0.05
Malignant neoplasms of:								
lip, oral cavity & pharynx...	12	13	25	0.5	14	17	31	0.8
esophagus.....	2	0	2	0.04	3	1	4	0.1
stomach.....	14	10	24	0.5	26	20	46	1.1
small intestine, including duodenum.....	3	0	3	0.06	1	0	1	0.02
colon.....	2	3	5	0.1	1	3	4	0.1
rectum, rectosigmoid junction and anus.....	8	5	13	0.3	12	4	16	0.4
larynx.....	1	0	1	0.02	4	2	6	0.1
trachea, bronchus, lung and pleura.....	13	19	32	0.7	25	35	60	1.5
bone & articular cartilage...	19	17	36	0.8	17	14	31	0.8
skin.....	3	1	4	0.08	1	2	3	0.07
female breast.....	0	16	16	0.3	0	66	66	1.6
cervix uteri.....	0	9	9	0.2	0	22	22	0.5
uterus.....	0	25	25	0.5	0	61	61	1.5
other female genital organs..	0	11	11	0.2	0	19	19	0.5
prostate.....	2	0	2	0.04	0	0	0	-
other & unspecified sites....	134	92	226	4.7	218	101	319	7.8
lymphatic tissue.....	3	4	7	0.1	10	0	10	0.2
Leukemia.....	47	62	109	2.3	43	35	78	1.9
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	3	2	5	0.1	4	5	9	0.2
Diabetes mellitus.....	21	13	34	0.7	17	16	33	0.8
Kwashiorkor.....	1	0	1	0.02	0	1	1	0.02
Nutritional marasmus.....	0	2	2	0.04	0	0	0	-
Other protein-calorie malnutrition.....	4	5	9	0.2	2	0	2	0.05
Other nutritional deficiencies.	13	23	36	0.8	12	19	31	0.8
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	24	24	48	1.0	28	26	54	1.3
Anemias.....	40	69	109	2.3	29	58	87	2.1
Other diseases of blood- forming organs.....	8	13	21	0.4	6	11	17	0.4

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Schistosomiasis.....	17	13	30	0.9	8	4	12	0.5
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	2	1	3	0.09	1	1	2	0.08
Other infectious & parasitic diseases.....	0	3	3	0.09	4	1	5	0.2
Malignant neoplasms of:								
lip, oral cavity & pharynx...	28	16	44	1.4	29	27	56	2.2
esophagus.....	4	2	6	0.2	5	2	7	0.3
stomach.....	34	24	58	1.8	42	31	73	2.9
small intestine, including duodenum.....	1	1	2	0.06	1	3	4	0.2
colon.....	5	5	10	0.3	10	6	16	0.6
rectum, rectosigmoid junction and anus.....	11	14	25	0.8	11	11	22	0.9
larynx.....	4	2	6	0.2	4	0	4	0.2
trachea, bronchus, lung and pleura.....	67	32	99	3.0	119	37	156	6.1
bone & articular cartilage...	21	13	34	1.0	27	19	46	1.8
skin.....	2	3	5	0.2	2	3	5	0.2
female breast.....	0	113	113	3.5	0	150	150	5.9
cervix uteri.....	0	22	22	0.7	0	38	38	1.5
uterus.....	0	75	75	2.3	0	63	63	2.5
other female genital organs..	0	26	26	0.8	0	23	23	0.9
prostate.....	5	0	5	0.2	1	0	1	0.04
other & unspecified sites....	290	146	436	13.4	309	168	477	18.8
lymphatic tissue.....	16	2	18	0.6	10	6	16	0.6
Leukemia.....	25	47	72	2.2	30	34	64	2.5
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	7	3	10	0.3	4	4	8	0.3
Diabetes mellitus.....	37	22	59	1.8	44	35	79	3.1
Kwashiorkor.....	0	0	0	-	0	0	0	-
Nutritional marasmus.....	0	0	0	-	0	0	0	-
Other protein-calorie malnutrition.....	4	4	8	0.2	4	5	9	0.4
Other nutritional deficiencies..	18	12	30	0.9	19	16	35	1.4
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	18	18	36	1.1	25	23	48	1.9
Anemias.....	34	55	89	2.7	31	50	81	3.2
Other diseases of blood- forming organs.....	4	11	15	0.5	4	4	8	0.3

C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Schistosomiasis.....	18	3	21	1.0	13	7	20	1.2
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	2	0	2	0.09	0	3	3	0.2
Other infectious & parasitic diseases.....	4	2	6	0.3	9	2	11	0.7
Malignant neoplasms of:								
lip, oral cavity & pharynx...	56	30	86	4.0	87	48	135	8.3
esophagus.....	13	6	19	0.9	18	9	27	1.7
stomach.....	50	37	87	4.1	77	47	124	7.6
small intestine, including duodenum.....	0	2	2	0.09	3	2	5	0.3
colon.....	8	7	15	0.7	13	4	17	1.0
rectum, rectosigmoid junction and anus.....	12	14	26	1.2	21	23	44	2.7
larynx.....	7	2	9	0.4	16	3	19	1.2
trachea, bronchus, lung and pleura.....	189	74	263	12.4	248	75	323	19.8
bone & articular cartilage...	35	22	57	2.7	45	23	68	4.2
skin.....	4	2	6	0.3	2	2	4	0.2
female breast.....	0	193	193	9.1	0	218	218	13.3
cervix uteri.....	0	47	47	2.2	0	39	39	2.4
uterus.....	0	100	100	4.7	0	104	104	6.4
other female genital organs..	0	41	41	1.9	0	43	43	2.6
prostate.....	3	0	3	0.1	23	0	23	1.4
other & unspecified sites....	490	199	689	32.4	529	246	775	47.4
lymphatic tissue.....	12	6	18	0.8	18	9	27	1.7
Leukemia.....	37	46	83	3.9	26	43	69	4.2
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	5	3	8	0.4	8	5	13	0.8
Diabetes mellitus.....	88	72	160	7.5	139	117	256	15.7
Kwashiorkor.....	0	0	0	-	0	0	0	-
Nutritional marasmus.....	0	0	0	-	0	0	0	-
Other protein-calorie malnutrition.....	3	1	4	0.2	10	4	14	0.9
Other nutritional deficiencies.	31	23	54	2.5	30	18	48	2.9
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	31	24	55	2.6	50	27	77	4.7
Anemias.....	37	48	85	4.0	63	44	107	6.5
Other diseases of blood- forming organs.....	8	5	13	0.6	5	6	11	0.7

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Schistosomiasis.....	19	8	27	2.0	15	7	22	2.1
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	1	3	4	0.3	2	1	3	0.3
Other infectious & parasitic diseases.....	5	2	7	0.5	5	1	6	0.6
Malignant neoplasms of:								
lip, oral cavity & pharynx...	99	55	154	11.5	114	71	185	17.5
esophagus.....	26	10	36	2.7	24	15	39	3.7
stomach.....	113	62	175	13.1	88	73	161	15.3
small intestine, including duodenum.....	5	3	8	0.6	6	1	7	0.7
colon.....	15	14	29	2.2	10	11	21	2.0
rectum, rectosigmoid junction and anus.....	28	19	47	3.5	31	31	62	5.9
larynx.....	17	5	22	1.6	15	8	23	2.2
trachea, bronchus, lung and pleura.....	274	88	362	27.1	324	96	420	39.8
bone & articular cartilage...	48	34	82	6.1	65	35	100	9.5
skin.....	4	3	7	0.5	7	4	11	1.0
female breast.....	0	180	180	13.5	0	153	153	14.5
cervix uteri.....	0	30	30	2.2	0	37	37	3.5
uterus.....	0	109	109	8.2	0	88	88	8.3
other female genital organs..	0	32	32	2.4	0	21	21	2.0
prostate.....	14	0	14	1.0	28	0	28	2.7
other & unspecified sites....	533	260	793	59.5	516	294	810	76.8
lymphatic tissue.....	17	11	28	2.1	15	16	31	2.9
Leukemia.....	29	33	62	4.6	29	35	64	6.1
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	8	4	12	0.9	6	7	13	1.2
Diabetes mellitus.....	178	162	340	25.5	175	234	409	38.8
Kwashiorkor.....	0	2	2	0.1	0	2	2	0.2
Nutritional marasmus.....	0	0	0	-	2	0	2	0.2
Other protein-calorie malnutrition.....	3	3	6	0.4	12	5	17	1.6
Other nutritional deficiencies.	35	22	57	4.3	58	36	94	8.9
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	33	37	70	5.2	49	36	85	8.1
Anemias.....	66	58	124	9.3	67	71	138	13.1
Other diseases of blood- forming organs.....	5	5	10	0.7	5	3	8	0.8

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

197

C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Schistosomiasis.....	16	5	21	2.6	19	7	26	2.1
Filariasis.....	0	0	0	-	0	0	0	-
Other helminthiasis.....	4	1	5	0.6	6	4	10	0.8
Other infectious & parasitic diseases.....	2	3	5	0.6	15	7	22	1.8
Malignant neoplasms of:								
lip, oral cavity & pharynx...	92	77	169	20.7	244	186	430	34.4
esophagus.....	18	18	36	4.4	48	36	84	6.7
stomach.....	105	74	179	21.9	280	210	490	39.2
small intestine, including duodenum.....	4	2	6	0.7	12	12	24	1.9
colon.....	14	13	27	3.3	49	39	88	7.0
rectum, rectosigmoid junction & anus.....	39	25	64	7.8	90	83	173	13.8
larynx.....	14	11	25	3.1	24	16	40	3.2
trachea, bronchus, lung and pleura.....	311	99	410	50.2	419	228	647	51.8
bone & articular cartilage...	45	39	84	10.3	77	64	141	11.3
skin.....	6	2	8	1.0	20	12	32	2.6
female breast.....	0	119	119	14.6	0	207	207	16.6
cervix uteri.....	0	25	25	3.1	0	58	58	4.6
uterus.....	0	61	61	7.5	0	156	156	12.5
other female genital organs..	0	28	28	3.4	0	59	59	4.7
prostate.....	41	0	41	5.0	194	0	194	15.5
other & unspecified sites....	519	291	810	99.2	881	637	1518	121.5
lymphatic tissue.....	21	12	33	4.0	28	33	61	4.9
Leukemia.....	40	32	72	8.8	65	46	111	8.9
Benign neoplasms, carcinoma in situ, neoplasms of un- certain behavior & of un- specified nature.....	4	5	9	1.1	12	11	23	1.8
Diabetes mellitus.....	195	273	468	57.3	549	721	1270	101.7
Kwashiorkor.....	0	2	2	0.2	8	8	16	1.3
Nutritional marasmus.....	2	1	3	0.4	15	12	27	2.2
Other protein-calorie malnutrition.....	9	4	13	1.6	29	51	80	6.4
Other nutritional deficiencies.	51	61	112	13.7	320	326	646	51.7
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders.....	48	40	88	10.8	197	212	409	32.7
Anemias.....	88	80	168	20.6	346	375	721	57.7
Other diseases of blood- forming organs.....	1	2	3	0.4	17	11	28	2.2

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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
No. & Rate/100,000 Pop.
PHILIPPINES
1987

199

C A U S E	ALL AGES			
	Male	Female	Both Sexes	Rate
Psychoses.....(290-299)	75	77	152	0.3
Neurotic disorders, personality disorders, and other mental disorders.....(300-316)	272	40	312	0.5
Mental retardation.....(317-319)	5	8	13	0.02
Meningitis.....(320-322)	1352	1129	2481	4.3
Epilepsy.....(345)	467	331	798	1.4
Other diseases of nervous system..... 323-326;330-337;340-344-346-349;350-359;360-389)	1132	799	1931	3.4
Acute rheumatic fever.....(390-392)	18	9	27	0.05
Chronic rheumatic heart disease.....(393-398)	987	1097	2084	3.6
Hypertension without heart involvement.....(401;403;405)	6212	4547	10759	18.8
Hypertension with heart involvement.....(402;404)	1791	1369	3160	5.5
Acute myocardial infarction.....(410)	7119	3881	11000	19.2
Other forms of ischaemic heart disease.....(411-414)	2318	2184	4502	7.8
Diseases of pulmonary circulation & other forms of heart diseases.....(415-417;420-429)	9894	8173	18067	31.5
Cerebrovascular disease.....(430-438)	8986	6659	15645	27.3
Atherosclerosis.....(440)	1128	1311	2439	4.3
Other diseases of arteries, arterioles, and capillaries.....(441-448)	159	123	282	0.5
Venous thrombosis and embolism.....(451-453)	17	18	35	0.06
Other diseases of circulatory system.....(454-459)	478	267	745	1.3
Acute respiratory infections, except bronchitis and bronchiolitis.....(460-465)	78	57	135	0.2
Acute bronchitis and bronchiolitis.....(466)	907	772	1679	2.9
Pneumonia.....(480-486)	28406	24294	52700	91.9
Influenza.....(487)	600	551	1151	2.0
Chronic obstructive pulmonary disease and allied conditions.....(490-496)	4460	2883	7343	12.8
Other diseases of respiratory system.....(470-478;500-508;510-519)	2854	2648	5502	9.6
Diseases of oral cavity, salivary glands and jaws.....(520-529)	39	20	59	0.1
Gastric, duodenal and peptic ulcer, sites unspecified.....(531-533)	3767	1759	5526	9.6
Appendicitis.....(540-543)	286	153	439	0.8
Hernia of abdominal cavity.....(550-553)	131	42	173	0.3
Chronic liver diseases & cirrhosis.....(571)	2003	510	2513	4.4

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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 disorders & other mental disorders.....	0	0	0	-	0	0	0	-
Mental retardation.....	0	0	0	-	0	0	0	-
Meningitis.....	348	255	603	35.3	401	379	780	12.0
Epilepsy.....	0	0	0	-	25	24	49	0.8
Other diseases of nervous system.....	118	88	206	12.1	189	145	334	5.1
Acute rheumatic fever.....	0	0	0	-	2	0	2	0.03
Chronic rheumatic heart disease..	0	0	0	-	41	31	72	1.1
Hypertension without heart involvement.....	0	0	0	-	4	2	6	0.09
Hypertension with heart involvement.....	0	0	0	-	0	0	0	-
Acute myocardial infarction.....	0	0	0	-	8	11	19	0.3
Other forms of ischaemic heart disease.....	0	0	0	-	3	3	6	0.09
Diseases of pulmonary circulation & other forms of heart disease.....	361	279	640	37.4	210	184	394	6.0
Cerebrovascular disease.....	114	68	182	10.6	71	41	112	1.7
Atherosclerosis.....	0	0	0	-	0	0	0	-
Other diseases of arteries, arterioles & capillaries.....	3	1	4	0.2	2	5	7	0.1
Venous thrombosis & embolism.....	0	1	1	0.06	1	1	2	0.03
Other diseases of circulatory system.....	23	12	35	2.0	16	9	25	0.4
Acute respiratory infections, except bronchitis & bronchiolitis.....	15	15	30	1.8	18	12	30	0.5
Acute bronchitis & bronchiolitis.....	409	356	765	44.8	335	295	630	9.7
Pneumonia.....	7580	5800	13380	782.9	10085	9130	19215	294.5
Influenza.....	62	45	107	6.3	59	71	130	2.0
Chronic obstructive pulmonary diseases & allied conditions...	428	321	749	43.8	429	450	879	13.5
Other diseases of respiratory system.....	381	291	672	39.3	106	90	196	3.0
Diseases of oral cavity, salivary glands and jaws.....	7	2	9	0.5	5	3	8	0.1
Gastric, duodenal & peptic ulcer, site unspecified.....	24	15	39	2.3	12	13	25	0.4
Appendicitis.....	3	1	4	0.2	8	11	19	0.3
Hernia of abdominal cavity.....	17	8	25	1.5	1	5	6	0.09
Chronic liver diseases and cirrhosis.....	0	0	0	-	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

201

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	0	0	-	1	0	1	0.01
Neurotic disorders, personality disorders & other mental disorders.....	2	1	3	0.04	2	1	3	0.04
Mental retardation.....	0	1	1	0.01	0	1	1	0.01
Meningitis.....	185	165	350	4.6	101	90	191	2.8
Epilepsy.....	20	24	44	0.6	41	27	68	1.0
Other diseases of nervous system.....	94	68	162	2.1	61	51	112	1.6
Acute rheumatic fever.....	1	1	2	0.03	2	3	5	0.07
Chronic rheumatic heart disease..	52	58	110	1.4	99	113	212	3.1
Hypertension without heart involvement.....	0	2	2	0.03	36	21	57	0.8
Hypertension with heart involvement.....	0	0	0	-	18	11	29	0.4
Acute myocardial infarction.....	9	6	15	0.2	11	13	24	0.3
Other forms of ischaemic heart disease.....	3	1	4	0.05	4	1	5	0.07
Diseases of pulmonary circulation & other forms of heart disease.....	128	99	227	3.0	116	93	209	3.0
Cerebrovascular disease.....	66	43	109	1.4	72	31	103	1.5
Atherosclerosis.....	0	0	0	-	0	0	0	-
Other diseases of arteries, arterioles & capillaries.....	1	6	7	0.09	4	6	10	0.1
Venous thrombosis & embolism.....	0	0	0	-	1	0	1	0.01
Other diseases of circulatory system.....	20	10	30	0.4	11	6	17	0.2
Acute respiratory infections except bronchitis & bronchiolitis.....	5	2	7	0.09	2	1	3	0.04
Acute bronchitis & bronchiolitis.....	50	44	94	1.2	17	10	27	0.4
Pneumonia.....	2041	1815	3856	50.3	460	465	925	13.4
Influenza.....	36	31	67	0.9	23	15	38	0.5
Chronic obstructive pulmonary diseases & allied conditions...	86	82	168	2.2	39	30	69	1.0
Other diseases of respiratory system.....	35	34	69	0.9	18	21	39	0.6
Diseases of oral cavity, salivary glands and jaws.....	3	2	5	0.07	1	2	3	0.04
Gastric, duodenal & peptic ulcer, site unspecified.....	20	14	34	0.4	15	12	27	0.4
Appendicitis.....	38	24	62	0.8	33	14	47	0.7
Hernia of abdominal cavity.....	3	1	4	0.05	6	2	8	0.1
Chronic liver diseases and cirrhosis.....	9	2	11	0.1	8	6	14	0.2

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Psychoses.....	1	2	3	0.05	1	3	4	0.07
Neurotic disorders, personality disorders & other mental disorders.....	8	1	9	0.1	19	0	19	0.3
Mental retardation.....	0	1	1	0.02	0	1	1	0.02
Meningitis.....	71	58	129	2.1	48	33	81	1.5
Epilepsy.....	90	41	131	2.1	93	59	152	2.8
Other diseases of nervous system.....	67	48	115	1.9	56	41	97	1.8
Acute rheumatic fever.....	2	2	4	0.06	1	0	1	0.02
Chronic rheumatic heart disease.....	156	136	292	4.7	109	122	231	4.2
Hypertension without heart involvement.....	17	8	25	0.4	33	28	61	1.1
Hypertension with heart involvement.....	3	3	6	0.1	15	6	21	0.4
Acute myocardial infarction.....	42	28	70	1.1	140	59	199	3.6
Other forms of ischaemic heart disease.....	9	2	11	0.2	22	10	32	0.6
Diseases of pulmonary circulation & other forms of heart disease.....	210	161	371	6.0	288	227	515	9.4
Cerebrovascular disease.....	101	44	145	2.4	170	67	237	4.3
Atherosclerosis.....	0	0	0	-	10	11	21	0.4
Other diseases of arteries, arterioles & capillaries.....	4	5	9	0.1	7	8	15	0.3
Venous thrombosis & embolism.....	1	1	2	0.03	0	2	2	0.04
Other diseases of circulatory system.....	18	11	29	0.5	45	24	69	1.3
Acute respiratory infections, except bronchitis & bronchiolitis.....	0	2	2	0.03	4	0	4	0.07
Acute bronchitis & bronchiolitis.....	8	4	12	0.2	5	5	10	0.2
Pneumonia.....	372	283	655	10.6	324	250	574	10.5
Influenza.....	32	15	47	0.8	28	16	44	0.8
Chronic obstructive pulmonary diseases & allied conditions...	54	38	92	1.5	60	64	124	2.3
Other diseases of respiratory system.....	40	37	77	1.2	50	39	89	1.6
Diseases of oral cavity, salivary glands and jaws.....	1	1	2	0.03	0	2	2	0.04
Gastric, duodenal & peptic ulcer, site unspecified.....	45	33	78	1.3	80	45	125	2.3
Appendicitis.....	32	18	50	0.8	23	8	31	0.6
Hernia of abdominal cavity.....	5	0	5	0.08	6	0	6	0.1
Chronic liver diseases and cirrhosis.....	24	6	30	0.5	40	10	50	0.9

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

203

C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Psychoses.....	3	4	7	0.2	4	3	7	0.2
Neurotic disorders, personality disorders & other mental disorders.....	25	1	26	0.5	31	1	32	0.8
Mental retardation.....	0	0	0	-	2	1	3	0.07
Meningitis.....	35	31	66	1.4	25	27	52	1.3
Epilepsy.....	53	46	99	2.1	30	23	53	1.3
Other diseases of nervous system.....	49	28	77	1.6	44	24	68	1.7
Acute rheumatic fever.....	1	0	1	0.02	1	0	1	0.02
Chronic rheumatic heart disease..	91	121	212	4.4	62	94	156	3.8
Hypertension without heart involvement.....	64	42	106	2.2	129	55	184	4.5
Hypertension with heart involvement.....	22	7	29	0.6	29	14	43	1.1
Acute myocardial infarction.....	246	85	331	6.9	332	116	448	10.9
Other forms of ischaemic heart disease.....	31	18	49	1.0	32	15	47	1.1
Diseases of pulmonary circulation & other forms of heart disease.....	309	251	560	11.7	274	279	553	13.5
Cerebrovascular disease.....	229	85	314	6.6	248	117	365	8.9
Atherosclerosis.....	2	0	2	0.04	3	0	3	0.07
Other diseases of arteries, arterioles & capillaries.....	6	9	15	0.3	11	10	21	0.5
Venous thrombosis & embolism.....	1	0	1	0.02	0	1	1	0.02
Other diseases of circulatory system.....	34	28	62	1.3	45	21	66	1.6
Acute respiratory infections, except bronchitis & bronchiolitis	0	1	1	0.02	1	1	2	0.05
Acute bronchitis & bronchiolitis..	5	4	9	0.2	2	1	3	0.07
Pneumonia.....	251	212	463	9.7	247	215	462	11.3
Influenza.....	13	18	31	0.6	23	20	43	1.1
Chronic obstructive pulmonary diseases & allied conditions...	67	71	138	2.9	106	79	185	4.5
Other diseases of respiratory system.....	62	33	95	2.0	66	37	103	2.5
Diseases of oral cavity, salivary glands and jaws.....	1	1	2	0.04	4	0	4	0.1
Gastric, duodenal & peptic ulcer, site unspecified.....	110	38	148	3.1	165	58	223	5.4
Appendicitis.....	25	10	35	0.7	17	6	23	0.6
Hernia of abdominal cavity.....	5	3	8	0.2	8	0	8	0.2
Chronic liver diseases and cirrhosis.....	63	11	74	1.5	130	19	149	3.6

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Psychoses.....	7	3	10	0.3	6	3	9	0.4
Neurotic disorders, personality disorders & other mental disorders.....	40	3	43	1.3	27	4	31	1.2
Mental retardation.....	1	1	2	0.06	0	0	0	-
Meningitis.....	25	19	44	1.4	32	13	45	1.8
Epilepsy.....	37	31	68	2.1	20	19	39	1.5
Other diseases of nervous system.	42	25	67	2.1	30	22	52	2.0
Acute rheumatic fever.....	0	1	1	0.03	0	0	0	-
Chronic rheumatic heart disease..	54	98	152	4.7	30	60	90	3.5
Hypertension without heart involvement.....	200	75	275	8.4	282	156	438	17.2
Hypertension with heart involvement.....	57	22	79	2.4	69	49	118	4.6
Acute myocardial infarction.....	373	128	501	15.4	422	151	573	22.6
Other forms of ischaemic heart disease.....	38	19	57	1.7	53	27	80	3.1
Diseases of pulmonary circula- tion & other forms of heart disease.....	355	247	602	18.5	362	268	630	24.8
Cerebrovascular disease.....	350	120	470	14.4	367	217	584	23.0
Atherosclerosis.....	8	3	11	0.3	6	5	11	0.4
Other diseases of arteries, arterioles & capillaries.....	12	6	18	0.6	2	6	8	0.3
Venus thrombosis & embolism.....	1	1	2	0.06	1	1	2	0.08
Other diseases of circulatory system.....	43	29	72	2.2	35	13	48	1.9
Acute respiratory infections, ex- cept bronchitis & bronchiolitis	1	2	3	0.09	1	0	1	0.04
Acute bronchitis & bronchiolitis.	4	0	4	0.1	2	3	5	0.2
Pneumonia.....	305	207	512	15.7	290	194	484	19.1
Influenza.....	21	22	43	1.3	30	10	40	1.6
Chronic obstructive pulmonary diseases & allied conditions...	99	84	183	5.6	137	73	210	8.3
Other diseases of respiratory system.....	60	40	100	3.1	61	31	92	3.6
Diseases of oral cavity, salivary glands and jaws.....	1	0	1	0.03	2	0	2	0.08
Gastric, duodenal & peptic ulcer, site unspecified.....	164	83	247	7.6	210	58	268	10.5
Appendicitis.....	12	10	22	0.7	17	3	20	0.8
Hernia of abdominal cavity.....	5	1	6	0.2	4	3	7	0.3
Chronic liver diseases and cirrhosis.....	173	20	193	5.9	194	33	227	8.9

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

205

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	2	2	4	0.2
Neurotic disorders, personality disorders & other mental disorders.....	33	4	37	1.7	23	4	27	1.7
Mental retardation.....	0	1	1	0.05	1	0	1	0.06
Meningitis.....	17	14	31	1.5	15	10	25	1.5
Epilepsy.....	14	11	25	1.2	13	3	16	1.0
Other diseases of nervous system.	51	19	70	3.3	37	13	50	3.1
Acute rheumatic fever.....	1	0	1	0.05	0	0	0	-
Chronic rheumatic heart disease..	41	53	94	4.4	34	28	62	3.8
Hypertension without heart involvement.....	368	213	581	27.3	544	335	879	53.8
Hypertension with heart involvement.....	106	51	157	7.4	139	88	227	13.9
Acute myocardial infarction.....	555	182	737	34.6	695	240	935	57.2
Other forms of ischaemic heart disease.....	64	36	100	4.7	109	51	160	9.8
Diseases of pulmonary circula- tion & other forms of heart disease.....	459	281	740	34.8	537	351	888	54.3
Cerebrovascular disease.....	520	291	811	38.1	657	368	1025	62.7
Atherosclerosis.....	9	5	14	0.7	17	7	24	1.5
Other diseases of arteries, arterioles & capillaries.....	9	2	11	0.5	7	4	11	0.7
Venous thrombosis & embolism.....	0	2	2	0.09	2	1	3	0.2
Other diseases of circulatory system.....	36	13	49	2.3	25	8	33	2.0
Acute respiratory infections, ex- cept bronchitis & bronchiolitis	2	0	2	0.09	4	2	6	0.4
Acute bronchitis & bronchiolitis.	5	2	7	0.3	4	2	6	0.4
Pneumonia.....	361	216	577	27.1	476	250	726	44.4
Influenza.....	20	17	37	1.7	24	18	42	2.6
Chronic obstructive pulmonary diseases & allied conditions...	155	98	253	11.9	242	126	368	22.5
Other diseases of respiratory system.....	75	42	117	5.5	108	66	174	10.6
Diseases of oral cavity, salivary glands and jaws.....	2	3	5	0.2	0	0	0	-
Gastric, duodenal & peptic ulcer, site unspecified.....	269	88	357	16.8	383	111	494	30.2
Appendicitis.....	13	9	22	1.0	16	5	21	1.3
Hernia of abdominal cavity.....	5	0	5	0.2	3	3	6	0.4
Chronic liver diseases and cirrhosis.....	256	50	306	14.4	243	50	293	17.9

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses.....	4	5	9	0.7	4	1	5	0.5
Neurotic disorders, personality disorders & other mental disorders.....	23	7	30	2.2	17	3	20	1.9
Mental retardation.....	0	0	0	-	0	0	0	-
Meningitis.....	15	13	28	2.1	8	4	12	1.1
Epilepsy.....	8	4	12	0.9	5	4	9	0.9
Other diseases of nervous system.....	42	18	60	4.5	35	29	64	6.1
Acute rheumatic fever.....	0	1	1	0.07	0	0	0	-
Chronic rheumatic heart disease.....	28	38	66	4.9	39	29	68	6.4
Hypertension without heart involvement.....	610	328	938	70.3	735	479	1214	115.1
Hypertension with heart involvement.....	168	83	251	18.8	212	144	356	33.8
Acute myocardial infarction.....	687	271	958	71.8	765	323	1088	103.2
Other forms of ischaemic heart disease.....	131	75	206	15.4	147	115	262	24.8
Diseases of pulmonary circulation & other forms of heart disease.....	659	404	1063	79.7	830	564	1394	132.2
Cerebrovascular disease.....	784	449	1233	92.4	960	605	1565	148.4
Atherosclerosis.....	23	17	40	3.0	48	31	79	7.5
Other diseases of arteries, arterioles & capillaries.....	16	9	25	1.9	9	8	17	1.6
Venous thrombosis & embolism.....	1	0	1	0.07	2	0	2	0.2
Other diseases of circulatory system.....	22	11	33	2.5	18	6	24	2.3
Acute respiratory infections, except bronchitis & bronchiolitis.....	3	3	6	0.4	0	4	4	0.4
Acute bronchitis & bronchiolitis.....	1	1	2	0.1	5	3	8	0.8
Pneumonia.....	522	286	808	60.6	584	423	1007	95.5
Influenza.....	26	13	39	2.9	40	21	61	5.8
Chronic obstructive pulmonary diseases & allied conditions,..	324	144	468	35.1	458	182	640	60.7
Other diseases of respiratory system.....	130	71	201	15.1	166	108	274	26.0
Diseases of oral cavity, salivary glands and jaws.....	3	0	3	0.2	1	0	1	0.09
Gastric, duodenal & peptic ulcer, site unspecified.....	399	125	524	39.3	380	170	550	52.1
Appendicitis.....	10	4	14	1.0	10	5	15	1.4
Hernia of abdominal cavity.....	10	1	11	0.8	8	2	10	0.9
Chronic liver diseases and cirrhosis.....	225	55	280	21.0	186	62	248	23.5

C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Psychoses.....	5	5	10	1.2	33	44	77	6.2
Neurotic disorders, personality disorders & other mental disorders.....	10	3	13	1.6	12	7	19	1.5
Mental retardation.....	0	0	0	-	1	1	2	0.2
Meningitis.....	8	9	17	2.1	18	9	27	2.2
Epilepsy.....	5	4	9	1.1	13	11	24	1.9
Other diseases of nervous system.....	40	35	75	9.2	177	145	322	25.8
Acute rheumatic fever.....	1	0	1	0.1	6	1	7	0.6
Chronic rheumatic heart disease..	35	27	62	7.6	116	89	205	16.4
Hypertension without heart involvement.....	787	551	1338	163.9	2403	2252	4655	372.6
Hypertension with heart involvement.....	206	161	367	45.0	747	730	1477	118.2
Acute myocardial infarction.....	705	435	1140	139.7	2129	1833	3962	317.1
Other forms of ischaemic heart disease.....	207	174	381	46.7	1465	1637	3102	248.3
Diseases of pulmonary circulation & other forms of heart disease.....	893	683	1576	193.1	3903	3801	7704	616.7
Cerebrovascular disease.....	992	723	1715	210.1	3285	3390	6675	534.3
Atherosclerosis.....	58	63	121	14.8	944	1168	2112	169.1
Other diseases of arteries, arterioles & capillaries.....	17	9	26	3.2	49	29	78	6.2
Venous thrombosis & embolism.....	1	2	3	0.4	5	5	10	0.8
Other diseases of circulatory system.....	25	13	38	4.7	62	53	115	9.2
Acute respiratory infections, except bronchitis & bronchiolitis.....	6	2	8	1.0	16	10	26	2.1
Acute bronchitis & bronchiolitis.....	9	3	12	1.5	46	39	85	6.8
Pneumonia.....	686	536	1222	149.7	3822	4011	7833	626.9
Influenza.....	28	28	56	6.9	135	191	326	26.1
Chronic obstructive pulmonary diseases & allied conditions...	498	208	706	86.5	1278	833	2111	169.0
Other diseases of respiratory system.....	192	127	319	39.1	1304	1581	2885	230.9
Diseases of oral cavity, salivary glands and jaws.....	2	1	3	0.4	6	3	9	0.7
Gastric, duodenal & peptic ulcer, site unspecified.....	403	171	574	70.3	1088	725	1813	145.1
Appendicitis.....	7	9	16	2.0	22	16	38	3.0
Hernia of abdominal cavity.....	8	2	10	1.2	37	11	48	3.8
Chronic liver diseases and cirrhosis.....	173	54	227	27.8	279	132	411	32.9

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

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.....	0	0	0	-
Hypertension with heart involvement.....	0	0	0	-
Acute myocardial infarction.....	0	0	0	-
Other forms of ischaemic heart disease.....	0	0	0	-
Diseases of pulmonary circulation and other forms of heart disease.....	0	1	1	-
Cerebrovascular disease.....	0	0	0	-
Atherosclerosis.....	0	1	1	-
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.....	0	0	0	-
Influenza.....	0	0	0	-
Chronic obstructive pulmonary disease and allied conditions.....	0	0	0	-
Other diseases of respiratory system.....	0	0	0	-
Diseases of oral cavity, salivary glands and jaws.....	0	0	0	-
Gastric, duodenal and peptic ulcer, site unspecified.....	0	0	0	-
Appendicitis.....	0	0	0	-
Hernia of abdominal cavity.....	0	0	0	-
Chronic liver diseases and cirrhosis.....	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

209

C A U S E	ALL AGES			Rate
	Male	Female	Both Sexes	
Cholelithiasis and other disorders of the biliary tract.....(574-576)	81	61	142	0.2
Other diseases of digestive system....(530;534-537;555-570;572;573;577-579)	3161	1302	4463	7.8
Nephritis, nephrotic syndrome and nephrosis.....(580-589)	3012	2137	5149	9.0
Infection of kidney.....(590)	252	197	449	0.8
Calculus of kidney, ureter and lower urinary tract.....(592;594)	50	25	75	0.1
Hyperplasia of prostate.....(600)	44	0	44	0.08
Other diseases of genito-urinary system.....(591;593;595-599;601-608;610;611;614-616;617-629)	581	482	1063	1.8
Pregnancy with abortive outcome.....(630-639)	0	159	159	0.3
Hemorrhages related to pregnancy.....(640;641)	0	118	118	0.2
Hypertension complicating pregnancy, childbirth and puerperium.....(642)	0	388	388	0.7
Postpartum hemorrhage.....(666)	0	445	445	0.8
Normal delivery and other complications related to pregnancy, occurring in the course of labor, delivery and puerperium.....(643-648;650-665;667-676)	0	501	501	0.9
Diseases of the skin and subcutaneous tissues.....(680-686;690-698;700-709)	211	163	374	0.7
Arthropathies, dorsopathies and rheumatism.....(710-729)	344	211	555	1.0
Osteopathies, chonoropathies and acquired musculoskeletal deformities.....(730-739)	44	28	72	0.1
Congenital Anomalies.....(740-759)	1739	1271	3010	5.2
Birth trauma.....(767)	14	28	42	0.07
Birth injury and difficult labor.....(768;772)	839	554	1393	2.4
Respiratory conditions of fetus and newborn.....(769-771)	4301	2955	7256	12.7
Hemolytic diseases of fetus and newborn.....(773;774)	63	45	108	0.2
Hematological disorders of fetus and newborn.....(776)	20	12	32	0.06
Other causes of perinatal morbidity and mortality.....(760-763;764-766;775;777-779)	5384	3715	9099	15.9

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	0	0	0	-	0	0	0	-
Other diseases of digestive system.....	292	154	446	26.1	172	139	311	4.8
Nephritis, nephrotic syndrome and nephrosis.....	41	36	77	4.5	106	97	203	3.1
Infection of kidney.....	3	0	3	0.2	4	5	9	0.1
Calculus of kidney, ureter & lower urinary tract.....	1	0	1	0.06	0	0	0	-
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito-urinary system.....	28	19	47	2.7	20	8	28	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 & other complications related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	0	0	-	0	0	0	-
Diseases of the skin and subcutaneous tissues.....	26	29	55	3.2	23	17	40	0.6
Arthropathies, dorsopathies & rheumatism.....	26	7	33	1.9	5	2	7	0.1
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	2	4	6	0.4	1	1	2	0.03
Congenital Anomalies.....	1326	924	2250	131.6	208	156	361	5.5
Birth trauma.....	14	28	42	2.5	0	0	0	-
Birth injury and difficult labor.....	839	554	1393	81.5	0	0	0	-
Respiratory conditions of fetus and newborn.....	4301	2955	7256	424.5	0	0	0	-
Hemolytic diseases of fetus and newborn.....	63	45	108	6.3	0	0	0	-
Hematological disorders of fetus and newborn.....	20	12	32	1.9	0	0	0	-
Other causes of perinatal morbidity and mortality.....	5384	3715	9099	532.4	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

211

C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	1	0	1	0.01	1	2	3	0.04
Other diseases of digestive system.....	140	69	209	2.7	87	40	127	1.8
Nephritis, nephrotic syndrome and nephrosis.....	61	45	106	1.4	47	37	84	1.2
Infection of kidney.....	4	3	7	0.09	1	5	6	0.09
Calculus of kidney, ureter & lower urinary tract.....	0	0	0	-	0	0	0	-
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito- urinary system.....	11	8	19	0.2	8	2	10	0.1
Pregnancy with abortive outcome..	0	0	0	-	0	15	15	0.2
Hemorrhages related to pregnancy.....	0	0	0	-	0	19	19	0.3
Hypertension complicating pregnancy, childbirth and puerperium.....	0	0	0	-	0	8	8	0.1
Postpartum hemorrhage.....	0	0	0	-	0	8	8	0.1
Normal delivery & other compli- cations related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	0	0	-	0	207	207	3.0
Diseases of the skin and sub- cutaneous tissues.....	15	9	24	0.3	7	4	11	0.2
Arthropathies, dorsopathies & rheumatism.....	0	3	3	0.04	1	4	5	0.07
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	1	1	2	0.03	2	1	3	0.04
Congenital Anomalies.....	59	53	112	1.5	35	32	67	1.0
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 & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	1	0	1	0.02	5	0	5	0.09
Other diseases of digestive system.....	99	43	142	2.3	219	47	266	4.9
Nephritis, nephrotic syndrome and nephrosis.....	76	49	125	2.0	93	64	157	2.9
Infection of kidney.....	2	4	6	0.1	9	6	15	0.3
Calculus of kidney, ureter & lower urinary tract.....	0	0	0	-	1	0	1	0.02
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito- urinary system.....	9	18	27	0.4	22	18	40	0.7
Pregnancy with abortive outcome..	0	11	11	0.2	0	30	30	0.5
Hemorrhages related to pregnancy.....	0	1	1	0.02	0	10	10	0.2
Hypertension complicating pregnancy, childbirth and puerperium.....	0	13	13	0.2	0	29	29	0.5
Postpartum hemorrhage.....	0	37	37	0.6	0	72	72	1.3
Normal delivery & other compli- cations related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	9	9	0.1	0	50	50	0.9
Diseases of the skin and sub- cutaneous tissues.....	12	8	20	0.3	8	7	15	0.3
Arthropathies, dorsopathies & rheumatism.....	3	1	4	0.06	3	4	7	0.1
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	0	0	0	-	3	2	5	0.09
Congenital Anomalies.....	28	19	47	0.8	16	18	34	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	-

C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	1	0	1	0.02	4	4	8	0.2
Other diseases of digestive system.....	262	58	320	6.7	261	59	320	7.8
Nephritis, nephrotic syndrome and nephrosis.....	111	86	197	4.1	130	78	208	5.1
Infection of kidney.....	11	9	20	0.4	8	5	13	0.3
Calculus of kidney, ureter & lower urinary tract.....	1	0	1	0.02	1	1	2	0.05
Hyperplasia of prostate.....	1	0	1	0.02	0	0	0	-
Other diseases of genito-urinary system.....	22	16	38	0.8	16	30	46	1.1
Pregnancy with abortive outcome..	0	25	25	0.5	0	23	23	0.6
Hemorrhages related to pregnancy.....	0	12	12	0.3	0	33	33	0.8
Hypertension complicating pregnancy, childbirth and puerperium.....	0	46	46	1.0	0	42	42	1.0
Postpartum hemorrhage.....	0	88	88	1.8	0	90	90	2.2
Normal delivery & other complications related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	68	68	1.4	0	56	56	1.4
Diseases of the skin and subcutaneous tissues.....	8	7	15	0.3	5	10	15	0.4
Arthropathies, dorsopathies & rheumatism.....	5	3	8	0.2	2	4	6	0.1
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	4	1	5	0.1	2	0	2	0.05
Congenital Anomalies.....	8	15	23	0.5	10	7	17	0.4
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 & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	6	2	8	0.2	7	3	10	0.4
Other diseases of digestive system.....	253	64	317	9.7	177	36	213	8.4
Nephritis, nephrotic syndrome and nephrosis.....	161	89	250	7.7	134	86	220	8.7
Infection of kidney.....	11	9	20	0.6	13	13	26	1.0
Calculus of kidney, ureter & lower urinary tract.....	7	1	8	0.2	0	2	2	0.08
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito-urinary system.....	25	29	54	1.7	21	20	41	1.6
Pregnancy with abortive outcome..	0	26	26	0.8	0	15	15	0.6
Hemorrhages related to pregnancy.....	0	26	26	0.8	0	10	10	0.4
Hypertension complicating pregnancy, childbirth and puerperium.....	0	45	45	1.4	0	25	25	1.0
Postpartum hemorrhage.....	0	88	88	2.7	0	49	49	1.9
Normal delivery & other complications related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	58	58	1.8	0	23	23	0.9
Diseases of the skin and subcutaneous tissues.....	10	6	16	0.5	6	7	13	0.5
Arthropathies, dorsopathies & rheumatism.....	3	5	8	0.2	8	4	12	0.5
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	3	0	3	0.09	1	2	3	0.1
Congenital Anomalies.....	2	8	10	0.3	5	0	5	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	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

215

C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	5	4	9	0.4	5	9	14	0.9
Other diseases of digestive system.....	193	54	247	11.6	175	57	232	14.2
Nephritis, nephrotic syndrome and nephrosis.....	165	104	269	12.6	192	110	302	18.5
Infection of kidney.....	13	12	25	1.2	13	14	27	1.7
Calculus of kidney, ureter & lower urinary tract.....	3	1	4	0.2	3	1	4	0.2
Hyperplasia of prostate.....	0	0	0	-	0	0	0	-
Other diseases of genito- urinary system.....	24	20	44	2.1	25	18	43	2.6
Pregnancy with abortive outcome..	0	4	4	0.2	0	10	10	0.6
Hemorrhages related to pregnancy.....	0	4	4	0.2	0	3	3	0.2
Hypertension complicating pregnancy, childbirth and puerperium.....	0	23	23	1.1	0	157	157	9.6
Postpartum hemorrhage.....	0	6	6	0.3	0	7	7	0.4
Normal delivery & other compli- cations related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	6	6	0.3	0	24	24	1.5
Diseases of the skin and sub- cutaneous tissues.....	14	5	19	0.9	10	5	15	.9
Arthropathies, dorsopathies & rheumatism.....	11	6	17	0.8	14	7	21	1.3
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	2	3	5	0.2	6	2	8	0.5
Congenital Anomalies.....	0	4	4	0.2	0	0	0	-
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 & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	12	3	15	1.1	7	8	15	1.4
Other diseases of digestive system.....	199	63	262	19.6	144	80	224	21.2
Nephritis, nephrotic syndrome and nephrosis.....	188	141	329	24.7	267	175	442	41.9
Infection of kidney.....	16	12	28	2.1	25	19	44	4.2
Calculus of kidney, ureter & lower urinary tract.....	6	4	10	0.7	4	2	6	0.6
Hyperplasia of prostate.....	4	0	4	0.3	1	0	1	0.09
Other diseases of genito- urinary system.....	47	27	74	5.5	40	39	79	7.5
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 & other compli- cations related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	0	0	-	0	0	0	-
Diseases of the skin and sub- cutaneous tissues.....	11	3	14	1.0	8	7	15	1.4
Arthropathies, dorsopathies & rheumatism.....	11	8	19	1.4	22	11	33	3.1
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	3	1	4	0.3	6	2	8	0.8
Congenital Anomalies.....	5	1	6	0.4	3	2	5	0.5
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
1987

217

C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Cholelithiasis & other disorders of the biliary tract.....	7	6	13	1.6	19	29	39	3.1
Other diseases of digestive system.....	138	96	234	28.7	350	242	592	47.4
Nephritis, nephrotic syndrome and nephrosis.....	243	183	426	52.2	997	757	1754	140.4
Infection of kidney.....	29	22	51	6.2	90	59	149	11.9
Calculus of kidney, ureter & lower urinary tract.....	8	3	11	1.3	15	10	25	2.0
Hyperplasia of prostate.....	3	0	3	0.4	35	0	35	2.8
Other diseases of genito-urinary system.....	58	51	109	13.4	205	159	364	29.1
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 & other complications related to pregnancy, occurring in the course of labor delivery and puerperium.....	0	0	0	-	0	0	0	-
Diseases of the skin and subcutaneous tissues.....	10	5	15	1.8	38	34	72	5.8
Arthropathies, dorsopathies & rheumatism.....	35	24	59	7.2	194	118	312	25.0
Osteopathies, chonoropathies & acquired musculoskeletal deformities.....	1	2	3	0.4	7	6	13	1.0
Congenital Anomalies.....	3	8	11	1.3	26	19	45	3.6
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 & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	NOT STATED			
	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract.....	0	0	0	-
Other diseases of digestive system.....	0	1	1	-
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.....	1	0	1	-
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	-

C A U S E	ALL AGES			Rate
	Male	Female	Both Sexes	
Senility without mention of psychoses.....(797)	5420	6945	12365	21.6
Symptoms, signs and ill-defined conditions.....(780-796;798-799)	6656	4077	10733	18.7
Fractures, dislocations, sprains and strains.....(800-848)	914	304	1218	2.1
Intracranial injury, excluding those with skull fracture....(850-854;950-957)	668	223	891	1.6
Internal injury of chest, abdomen and pelvis.....(860-869)	217	120	337	0.6
Open wounds.....(870-887;890-897)	469	99	568	1.0
Burns.....(940-949)	173	136	309	0.5
Poisoning and toxic effects.....(960-989)	206	73	279	0.5
All others, and unspecified effects of external causes...(900-939;958;959;990-999)	1137	405	1542	2.7
Railway accidents.....(E800-E807)	49	20	69	0.1
Motor vehicle traffic accidents.....(E810-E819)	1580	700	2280	4.0
Water and transport accidents.....(E830-E838)	4	1	5	0.01
Air and space transport accidents.....(E840-E845)	53	24	77	0.1
Other transport accidents..(E820-E829;E846-E848)	20	2	22	0.04
Accidental poisoning, all kinds.....(E850-E869)	58	42	100	0.2
Accidental falls.....(E880-E888)	417	139	556	1.0
Accidents caused by fires & flames...(E890-E899)	46	27	73	0.1
Accidents due to natural and environmental.....(E900-E909)	333	119	452	0.8
Accidents caused by submersion, suffocation and foreign bodies.....(E910-E915)	1626	747	2373	4.1
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)	387	92	479	0.8
Suicide and self-inflicted injury.....(E950-E959)	119	61	180	0.3
Legal intervention.....(E970-E978)	4	3	7	0.01
Homicide and injury purposely inflicted by other persons.....(E960-E969)	115	14	129	0.2
Injury undetermined whether accidentally or purposely inflicted.....(E980-E989)	15810	1502	17312	30.2
Injury resulting from operations of war.....(E990-E999)	16	5	21	0.04

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	UNDER 1 YEAR				1 - 4 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	0	0	0	-	0	0	0	-
Symptoms, signs & ill-defined conditions.....	930	710	1640	96.0	705	630	1335	20.5
Fractures, dislocations, sprains and strains.....	12	9	21	1.2	31	18	49	0.8
Intracranial injury, excluding those with skull fracture.....	18	14	32	1.9	31	14	45	0.7
Internal injury of chest, abdomen and pelvis.....	3	1	4	0.2	7	1	8	0.1
Open wounds.....	5	2	7	0.4	6	9	15	0.2
Burns.....	15	12	27	1.6	38	32	70	1.1
Poisoning and toxic effects.....	6	2	8	0.5	7	12	19	0.3
All others, & unspecified effects of external causes.....	59	32	91	5.3	92	64	156	2.4
Railway accidents.....	5	2	7	0.4	3	3	6	0.09
Motor vehicle traffic accidents..	12	5	17	1.0	69	37	106	1.6
Water & transport accidents.....	0	0	0	-	0	1	1	0.02
Air & space transport accidents..	1	0	1	0.06	0	1	1	0.02
Other transport accidents.....	0	0	0	-	1	0	1	0.02
Accidental poisoning, all kinds..	1	2	3	0.2	2	0	2	0.03
Accidental falls.....	8	8	16	0.9	17	23	40	0.6
Accidents caused by fires and flames.....	4	3	7	0.4	10	5	15	0.2
Accidents due to natural and environmental.....	4	3	7	0.4	9	8	17	0.3
Accidents caused by submersion, suffocation & foreign bodies...	39	31	70	4.1	299	180	479	7.3
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	3	2	5	0.3	16	5	21	0.3
Suicide & self-inflicted injury..	0	0	0	-	0	0	0	-
Legal intervention.....	0	0	0	-	0	0	0	-
Homicide & injury purposely inflicted by other persons.....	0	0	0	-	3	0	3	0.05
Injury undetermined whether accidentally or purposely inflicted	43	18	61	3.6	82	69	151	2.3
Injury resulting from operations of war.....	0	1	1	0.06	0	0	0	-

C A U S E	5 - 9 YEARS				10 - 14 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	0	0	0	-	0	0	0	-
Symptoms, signs & ill-defined conditions.....	261	215	476	6.2	139	83	222	3.2
Fractures, dislocations, sprains and strains.....	56	33	89	1.2	43	23	66	1.0
Intracranial injury, excluding those with skull fracture.....	47	19	66	0.9	31	17	48	0.7
Internal injury of chest, abdomen and pelvis.....	10	5	15	0.2	12	2	14	0.2
Open wounds.....	7	7	14	0.2	15	6	21	0.3
Burns.....	25	11	36	0.5	8	11	19	0.3
Poisoning and toxic effects.....	1	1	2	0.03	7	1	8	0.1
All others, & unspecified effects of external causes.....	79	36	115	1.5	63	30	93	1.3
Railway accidents.....	4	0	4	0.05	0	0	0	-
Motor vehicle traffic accidents..	182	121	303	4.0	103	52	155	2.2
Water & transport accidents.....	0	0	0	-	0	0	0	-
Air & space transport accidents..	1	1	2	0.03	1	1	2	0.03
Other transport accidents.....	0	2	2	0.03	0	0	0	-
Accidental poisoning, all kinds..	0	2	2	0.03	2	2	4	0.06
Accidental falls.....	23	13	36	0.5	28	9	37	0.5
Accidents caused by fires and flames.....	4	2	6	0.08	2	1	3	0.04
Accidents due to natural and environmental.....	38	15	53	0.7	50	20	70	1.0
Accidents caused by submersion, suffocation & foreign bodies...	241	143	384	5.0	144	78	222	3.2
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	18	13	31	0.4	24	7	31	0.4
Suicide & self-inflicted injury..	0	0	0	-	0	0	0	-
Legal intervention.....	0	1	1	0.01	0	0	0	-
Homicide & injury purposely inflicted by other persons.....	1	1	2	0.03	2	0	2	0.03
Injury undetermined whether accidentally or purposely inflicted	79	50	129	1.7	114	48	162	2.3
Injury resulting from operations of war.....	0	1	1	0.01	2	0	2	0.03

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	15 - 19 YEARS				20 - 24 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	0	0	0	-	0	0	0	-
Symptoms, signs & ill-defined conditions.....	250	126	376	6.1	487	183	670	12.2
Fractures, dislocations, sprains and strains.....	55	12	67	1.1	90	17	107	2.0
Intracranial injury, excluding those with skull fracture.....	55	13	68	1.1	63	15	78	1.4
Internal injury of chest, abdomen and pelvis.....	11	16	27	0.4	30	22	52	0.9
Open wounds.....	27	6	33	0.5	72	4	76	1.4
Burns.....	12	13	25	0.4	14	5	19	0.3
Poisoning and toxic effects.....	21	5	26	0.4	28	12	40	0.7
All others, & unspecified effects of external causes.....	122	35	157	2.5	149	30	179	3.3
Railway accidents.....	3	0	3	0.05	5	1	6	0.1
Motor vehicle traffic accidents..	149	47	196	3.2	171	45	216	3.9
Water & transport accidents.....	0	0	0	-	0	0	0	-
Air & space transport accidents..	2	0	2	0.03	3	6	9	0.2
Other transport accidents.....	0	0	0	-	1	0	1	0.02
Accidental poisoning, all kinds..	10	11	21	0.3	18	9	27	0.5
Accidental falls.....	17	1	18	0.3	28	2	30	0.5
Accidents caused by fires and flames.....	1	2	3	0.05	2	4	6	0.1
Accidents due to natural and environmental.....	37	10	47	0.8	33	8	41	0.7
Accidents caused by submersion, suffocation & foreign bodies...	152	49	201	3.3	146	39	185	3.4
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	46	7	53	0.9	43	7	50	0.9
Suicide & self-inflicted injury..	23	17	40	0.6	31	17	48	0.9
Legal intervention.....	0	0	0	-	1	1	2	0.04
Homicide & injury purposely inflicted by other persons.....	11	4	15	0.2	21	2	23	0.4
Injury undetermined whether accidentally or purposely inflicted	1155	194	1349	21.9	2677	186	2863	52.3
Injury resulting from operations of war.....	1	0	1	0.02	0	0	0	-

TABLE 25

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

223

C A U S E	25 - 29 YEARS				30 - 34 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	0	0	0	-	0	0	0	-
Symptoms, signs & ill-defined conditions.....	463	186	649	13.6	445	144	589	14.4
Fractures, dislocations, sprains and strains.....	94	17	111	2.3	89	21	110	2.7
Intracranial injury, excluding those with skull fracture.....	62	8	70	1.5	62	13	75	1.8
Internal injury of chest, abdomen and pelvis.....	27	18	45	0.9	26	12	38	0.9
Open wounds.....	64	5	69	1.4	51	11	62	1.5
Burns.....	9	6	15	0.3	9	9	18	0.4
Poisoning and toxic effects.....	32	12	44	0.9	29	2	31	0.8
All others, & unspecified effects of external causes.....	125	18	143	3.0	103	23	126	3.1
Railway accidents.....	5	0	5	0.1	7	0	7	0.2
Motor vehicle traffic accidents..	156	45	201	4.2	162	46	208	5.1
Water & transport accidents.....	0	0	0	-	1	0	1	0.02
Air & space transport accidents..	8	3	11	0.2	9	2	11	0.3
Other transport accidents.....	2	0	2	0.04	3	0	3	0.07
Accidental poisoning, all kinds..	4	4	8	0.2	7	5	12	0.3
Accidental Falls.....	20	1	21	0.4	25	2	27	0.7
Accidents caused by fires and flames.....	6	1	7	0.1	4	2	6	0.1
Accidents due to natural and environmental.....	23	1	24	0.5	23	3	26	0.6
Accidents caused by submersion, suffocation & foreign bodies...	127	31	158	3.3	91	23	114	2.8
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	46	2	48	1.0	41	9	50	1.2
Suicide & self-inflicted injury..	21	6	27	0.6	7	6	13	0.3
Legal intervention.....	1	0	1	0.02	0	0	0	-
Homicide & injury purposely inflicted by other persons.....	17	0	17	0.4	18	0	18	0.4
Injury undetermined whether accidentally or purposely inflicted	2896	186	3082	64.4	2420	148	2568	62.7
Injury resulting from operations of war.....	3	0	3	0.06	2	0	2	0.05

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	35 - 39 YEARS				40 - 44 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	0	0	0	-	0	0	0	-
Symptoms, signs & ill-defined conditions.....	377	165	542	16.6	275	133	408	16.1
Fractures, dislocations, sprains and strains.....	87	15	102	3.1	67	14	81	3.2
Intracranial injury, excluding those with skull fracture.....	52	11	63	1.9	37	4	41	1.6
Internal injury of chest, abdomen and pelvis.....	23	18	41	1.3	14	5	19	0.7
Open wounds.....	62	7	69	2.1	38	9	47	1.8
Burns.....	12	1	13	0.4	6	4	10	0.4
Poisoning and toxic effects.....	17	6	23	0.7	12	3	15	0.6
All others, & unspecified effects of external causes.....	85	20	105	3.2	40	12	52	2.0
Railway accidents.....	1	0	1	0.03	2	0	2	0.08
Motor vehicle traffic accidents..	117	35	152	4.7	79	31	110	4.3
Water & transport accidents.....	0	0	0	-	0	0	0	-
Air & space transport accidents..	8	2	10	0.3	5	2	7	0.3
Other transport accidents.....	1	0	1	0.03	2	0	2	0.08
Accidental poisoning, all kinds..	6	1	7	0.2	2	1	3	0.1
Accidental falls.....	24	5	29	0.9	27	7	34	1.3
Accidents caused by fires and flames.....	2	0	2	0.06	2	0	2	0.08
Accidents due to natural and environmental.....	15	4	19	0.6	25	9	34	1.3
Accidents caused by submersion , suffocation & foreign bodies...	79	21	100	3.1	57	23	80	3.1
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	37	4	41	1.3	24	4	28	1.1
Suicide & self-inflicted injury..	11	2	13	0.4	2	3	5	0.2
Legal intervention.....	0	0	0	-	1	0	1	0.04
Homicide & injury purposely inflicted by other persons.....	14	1	15	0.5	11	2	13	0.5
Injury undetermined whether accidentally or purposely inflicted	2019	109	2128	65.3	1282	124	1406	55.3
Injury resulting from operations of war.....	1	0	1	0.03	2	0	2	0.08

C A U S E	45 - 49 YEARS				50 - 54 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	0	0	0	-	0	0	0	-
Symptoms, signs & ill-defined conditions.....	295	120	415	19.5	297	131	428	26.2
Fractures, dislocations, sprains and strains.....	63	10	73	3.4	42	9	51	3.1
Intracranial injury, excluding those with skull fracture.....	37	10	47	2.2	44	7	51	3.1
Internal injury of chest, abdomen and pelvis.....	19	5	24	1.1	6	2	8	0.5
Open wounds.....	24	3	27	1.3	25	6	31	1.9
Burns.....	4	7	11	0.5	3	6	9	0.6
Poisoning and toxic effects.....	15	7	22	1.0	13	3	16	1.0
All others, & unspecified effects of external causes.....	49	14	63	3.0	38	15	53	3.2
Railway accidents.....	0	1	1	0.05	1	0	1	0.06
Motor vehicle traffic accidents..	76	36	112	5.3	54	40	94	5.8
Water & transport accidents.....	1	0	1	0.05	1	0	1	0.06
Air & space transport accidents..	7	3	10	0.5	4	0	4	0.2
Other transport accidents.....	1	0	1	0.05	2	0	2	0.1
Accidental poisoning, all kinds..	1	0	1	0.05	2	3	5	0.3
Accidental falls.....	31	7	38	1.8	29	5	34	2.1
Accidents caused by fires and flames.....	2	1	3	0.1	0	2	2	0.1
Accidents due to natural and environmental.....	17	9	26	1.2	17	8	25	1.5
Accidents caused by submersion, suffocation & foreign bodies...	47	16	63	3.0	46	22	68	4.2
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	31	5	36	1.7	14	6	20	1.2
Suicide & self-inflicted injury..	5	4	9	0.4	8	1	9	0.6
Legal intervention.....	0	0	0	-	0	0	0	-
Homicide & injury purposely inflicted by other persons.....	6	0	6	0.3	4	1	5	0.3
Injury undetermined whether accidentally or purposely inflicted	1054	80	1134	53.3	703	79	782	47.9
Injury resulting from operations of war.....	1	1	2	0.09	1	0	1	0.06

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	55 - 59 YEARS				60 - 64 YEARS			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	0	0	0	-	0	0	0	-
Symptoms, signs & ill-defined conditions.....	266	131	397	29.8	342	185	527	50.0
Fractures, dislocations, sprains and strains.....	39	10	49	3.7	46	13	59	5.6
Intracranial injury, excluding those with skull fracture.....	27	10	37	2.8	26	14	40	3.8
Internal injury of chest, abdomen and pelvis.....	8	2	10	0.7	3	1	4	0.4
Open wounds.....	20	7	27	2.0	16	6	22	2.1
Burns.....	2	2	4	0.3	1	6	7	0.7
Poisoning and toxic effects.....	5	2	7	0.5	1	0	1	0.09
All others, & unspecified effects of external causes.....	30	8	38	2.8	26	22	48	4.6
Railway accidents.....	1	1	2	0.1	1	1	2	0.2
Motor vehicle traffic accidents..	62	32	94	7.0	44	29	73	6.9
Water & transport accidents.....	0	0	0	-	0	0	0	-
Air & space transport accidents..	1	1	2	0.1	2	0	2	0.2
Other transport accidents.....	3	0	3	0.2	1	0	1	0.09
Accidental poisoning, all kinds..	2	1	3	0.2	0	0	0	-
Accidental falls.....	27	3	30	2.2	36	5	41	3.9
Accidents caused by fires and flames.....	2	1	3	0.2	0	0	0	-
Accidents due to natural and environmental.....	11	8	19	1.4	9	4	13	1.2
Accidents caused by submersion, suffocation & foreign bodies...	38	16	54	4.0	33	18	51	4.8
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	15	1	16	1.2	5	5	10	0.9
Suicide & self-inflicted injury..	4	4	8	0.6	2	1	3	0.3
Legal intervention.....	0	0	0	-	0	1	1	0.09
Homicide & injury purposely inflicted by other persons.....	1	2	3	0.2	1	0	1	0.09
Injury undetermined whether accidentally or purposely inflicted	473	49	522	39.1	266	47	313	29.7
Injury resulting from operations of war.....	0	0	0	-	0	0	0	-

TABLE 25

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

227

C A U S E	65 - 69 YEARS				70 YEARS & OVER			
	Male	Fe- male	Both Sexes	Rate	Male	Fe- male	Both Sexes	Rate
Senility without mention of psychoses.....	147	119	266	32.6	5272	6826	12098	968.4
Symptoms, signs & ill-defined conditions.....	263	196	459	56.2	861	739	1600	128.1
Fractures, dislocations, sprains and strains.....	25	14	39	4.8	75	69	144	11.5
Intracranial injury, excluding those with skull fracture.....	14	14	28	3.4	62	40	102	8.2
Internal injury of chest, abdomen and pelvis.....	1	1	2	0.2	17	9	26	2.1
Open wounds.....	9	4	13	1.6	28	7	35	2.8
Burns.....	1	3	4	0.5	14	8	22	1.8
Poisoning and toxic effects.....	2	1	3	0.4	10	4	14	1.1
All others, & unspecified effects of external causes.....	9	12	21	2.6	68	34	102	8.2
Railway accidents.....	3	2	5	0.6	8	9	17	1.4
Motor vehicle traffic accidents..	42	28	70	8.6	102	71	173	13.8
Water & transport accidents.....	0	0	0	-	1	0	1	0.08
Air & space transport accidents..	0	1	1	0.1	1	1	2	0.2
Other transport accidents.....	2	0	2	0.2	1	0	1	0.08
Accidental poisoning, all kinds..	1	0	1	0.1	0	1	1	0.08
Accidental falls.....	19	14	33	4.0	58	34	92	7.4
Accidents caused by fires and flames.....	1	0	1	0.1	4	3	7	0.6
Accidents due to natural and environmental.....	5	5	10	1.2	17	4	21	1.7
Accidents caused by submersion, suffocation & foreign bodies...	21	20	41	5.0	66	37	103	8.2
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury.....	6	8	14	1.7	18	7	25	2.0
Suicide & self-inflicted injury..	1	0	1	0.1	4	0	4	0.3
Legal intervention.....	1	0	1	0.1	0	0	0	-
Homicide & injury purposely inflicted by other persons.....	3	0	3	0.4	2	1	3	0.2
Injury undetermined whether accidentally or purposely inflicted	165	44	209	25.6	377	71	448	35.9
Injury resulting from operations of war.....	2	0	2	0.2	1	2	3	0.2

MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX
No. & Rate/100,000 Pop.
PHILIPPINES
1987

C A U S E	NOT STATED			
	Male	Female	Both Sexes	Rate
Senility without mention of psychoses.....	1	0	1	-
Symptoms, signs and ill-defined conditions.....	0	0	0	-
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.....	0	0	0	-
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.....	5	0	5	-
Injury resulting from operations of war.....	0	0	0	-

CAUSE GROUP	MALE	FEMALE	BOTH SEXES	RATE	% OF TOTAL DEATHS
Total deaths from all causes.....	197275	137979	335254	584.5	100.0
Infective and parasitic diseases.....(001-136)	36190	25277	61467	107.2	18.3
Neoplasms.....(140-239)	10970	9397	20367	35.5	6.1
Endocrine, Nutritional & Metabolic Diseases.....(250-279)	6131	5486	11617	20.3	3.5
Diseases of Blood and Blood Forming Organs.....(280-289)	1406	1431	2837	4.9	0.8
Mental Disorders.....(290-319)	352	125	477	0.8	0.1
Diseases of the Nervous System and Sense Organs.....(320-389)	2951	2259	5210	9.1	1.6
Diseases of Circulatory System(390-459)	39107	29638	68745	119.9	20.5
Diseases of the Respiratory System.....(460-519)	37305	31205	68510	119.4	20.4
Diseases of Digestive System.....(520-579)	9468	3847	13315	23.2	4.0
Diseases of Genito-Urinary System.....(580-629)	3939	2841	6780	11.8	2.0
Complication of Pregnancy and the Puerperium.....(630-676)	0	1611	1611	2.8	0.5
Diseases of the Skin and subcutaneous Tissue.....(680-709)	211	163	374	0.7	0.1
Diseases of musculoskeletal system and connective tissue.....(710-739)	388	239	627	1.1	0.2
Congenital Anomalies.....(740-759)	1739	1271	3010	5.2	0.9
Certain causes of perinatal morbidity and mortality....(760-779)	10621	7309	17930	31.3	5.3
Symptoms and ill-defined conditions...(780-799)	12076	11022	23098	40.3	6.9
Accidents, poisoning and violence (External Causes).....(800-999;E800-E999)	24421	4858	29279	51.0	8.7

TABLE 27

MORTALITY: COMMUNICABLE DISEASES: MALIGNANT NEOPLASMS
AND DISEASES OF THE HEART
No. & Rate/100,000 Pop.
PHILIPPINES
1937 - 1987

Y E A R	Communicable Diseases		Malignant Neoplasms		Diseases of the Heart	
	Number	Rate	Number	Rate	Number	Rate
1987.....	111383	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	31347	58.9
1983.....	110513	212.6	17997	34.6	32320	62.2
1982.....	103868	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	16971	43.5
1971.....	99239	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.....	107043	330.9	7186	22.2	10854	33.6
1964.....	95308	304.8	6658	21.3	8930	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	5559	23.4
1954.....	122571	532.8	2550	11.1	4942	21.5
1953.....	140241	628.4	2404	10.8	4769	21.3
1952.....	133308	644.1	2201	10.2	4430	20.5
1951.....	137830	657.5	1985	9.5	4282	20.4
1950.....	130849	644.1	1748	8.6	3808	18.7
1949.....	135883	690.1	1725	8.8	3750	19.0
1948.....	141785	740.6	1585	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.....	*	-	*	-	*	-
1938.....	152098	961.8	1495	6.6	3182	20.1
1937.....	150549	974.8	1595	10.3	3197	20.7

MORTALITY TREND
COMMUNICABLE DISEASES, MALIGNANT NEOPLASMS
DISEASES OF THE HEART
Rate per 100,000 population
PHILIPPINES
1987

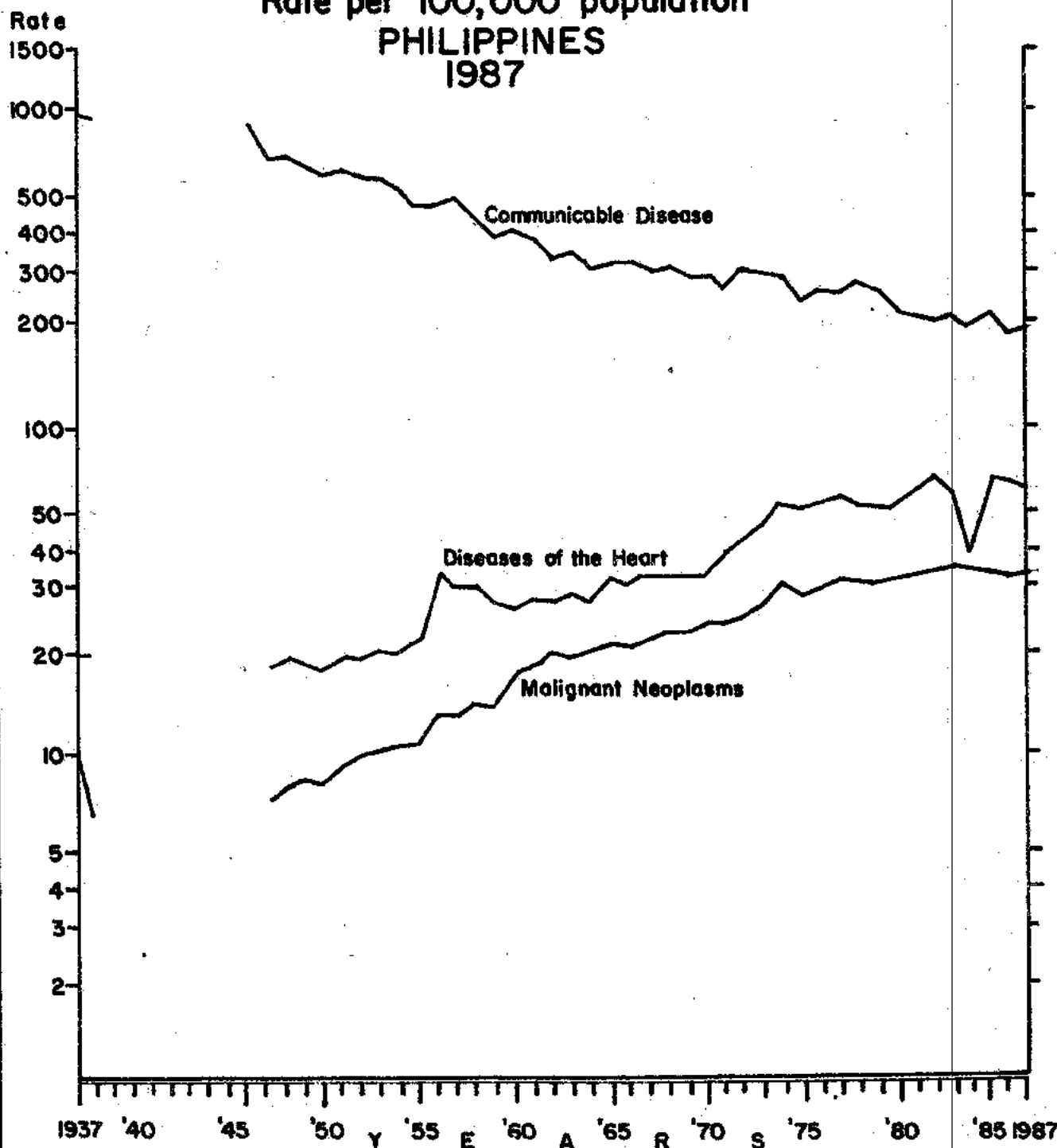


Fig. 27

TABLE 28

MORTALITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
1967, 1977 and 1987

232

C A U S E	1 9 8 7		C A U S E	1 9 7 7	
	Number	Rate		Number	Rate
Pneumonias.....	52700	91.9	Pneumonias.....	47302	105.1
Diseases of the Heart...	38840	67.7	Tuberculosis, All Forms...	31805	70.7
Diseases of the Vascular System.....	29905	52.1	Diseases of the Heart.....	28006	62.2
Tuberculosis, All Forms.	28697	50.0	Gastro-enteritis and Colitis.....	18041	40.1
Malignant Neoplasms.....	20367	35.5	Diseases of the Vascular System.....	15754	35.0
Measles.....	12431	21.7	Malignant Neoplasms.....	13977	31.1
Accidents.....	11630	20.3	Accidents.....	11332	25.2
Diarrheal Diseases.....	10589	18.5	Avitaminoses and Other Nutritional Deficiency.	10027	22.3
Avitaminoses and Other Nutritional Deficiency	5229	9.1	Bronchitis, Emphysema and Asthma.....	6347	14.1
Nephritis, Nephrotic Syndrome & Nephrosis..	5149	9.0	Measles.....	5293	11.3

C A U S E	1 9 6 7	
	Number	Rate
Pneumonias.....	39320	113.5
Respiratory Tuberculosis.	27166	78.4
Gastro-enteritis and Colitis.....	15091	43.5
Bronchitis.....	12265	35.4
Diseases of the Heart....	11739	33.9
Diseases of the Vascular System.....	10855	31.3
Beri-beri.....	8859	25.6
Malignant Neoplasms.....	8229	23.7
Accidents.....	7149	20.6
Nephritis and Nephrosis..	4224	12.2

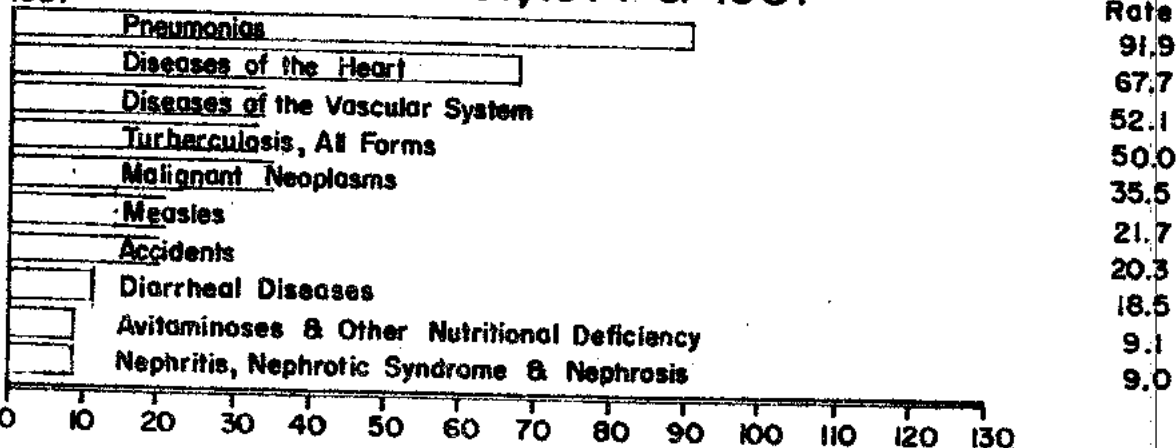
MORTALITY: LEADING CAUSES

Rate per 100,000 population

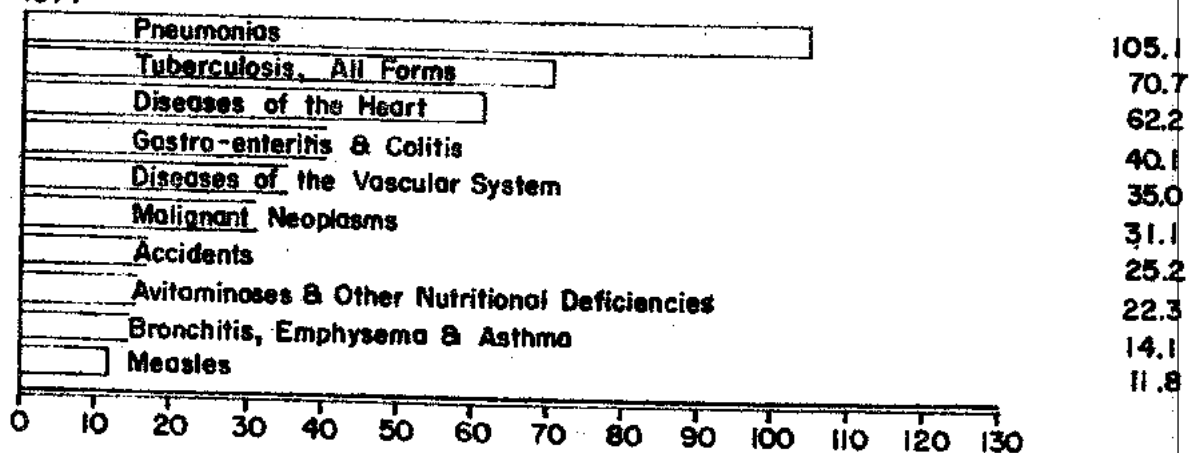
PHILIPPINES

1967, 1977 & 1987

1987



1977



1967

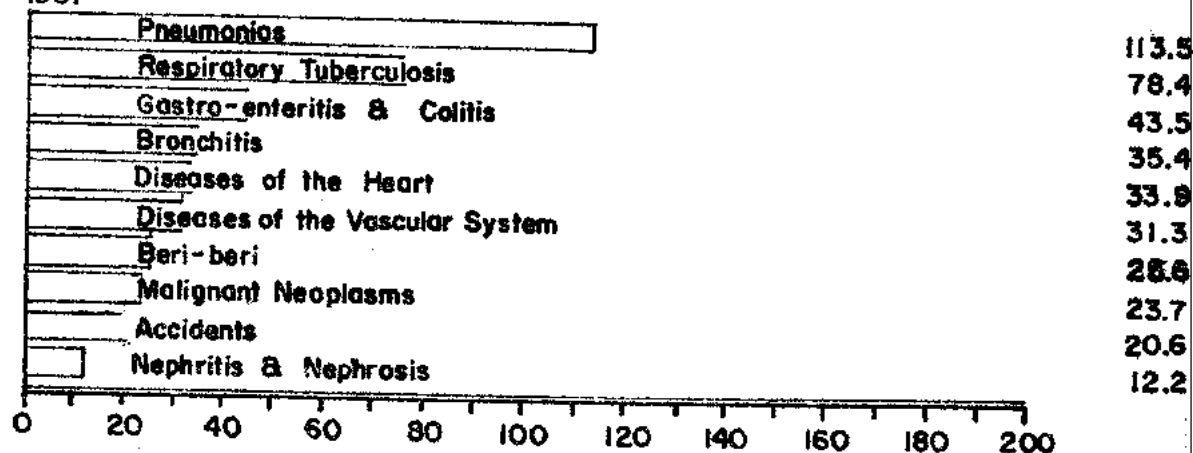


Fig. 28

TABLE 29

INFANT MORTALITY: BY SMALLER AGE GROUPS
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
5-YEAR AVERAGE (1982-1986) & 1987

234

A G E	5-YEAR AVERAGE (1982-1986)				1 9 8 7			
	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
<u>Under 1 Year....</u>	<u>58118</u>	<u>39.3</u>		<u>100.0</u>	<u>50803</u>	<u>32.1</u>		<u>100.0</u>
Under 28 Days..	24299	16.4	100.0	41.8	21381	13.5	100.0	42.1
0 - 6 Days...	17909	12.1	73.7	30.8	16136	10.2	75.5	31.8
7 - 13 Days...	5142	3.5	21.2	8.8	3013	1.9	14.1	5.9
14 - 20 Days....	665	0.4	2.7	1.1	1272	0.8	5.9	2.5
21 - 27 Days...	583	0.4	2.4	1.0	960	0.6	4.5	1.9
28 Days to Under 1 yr....	33819	22.9		58.2	29422	18.6		57.9
28 - 59 Days...	5025	3.4		8.6	4523	2.8		8.9
2 Months.....	2994	2.0		5.2	2569	1.6		5.1
3 Months.....	2583	1.7		4.4	2006	1.3		3.9
4 Months.....	2324	1.6		4.0	1939	1.2		3.8
5 Months.....	2341	1.6		4.0	1980	1.3		3.9
6 Months.....	2676	1.8		4.6	2341	1.5		4.6
7 Months.....	2910	2.0		5.0	2565	1.6		5.1
8 Months.....	3238	2.2		5.6	2896	1.8		5.7
9 Months.....	2952	2.0		5.1	2667	1.7		5.2
10 Months.....	2499	1.7		4.3	2176	1.4		4.3
11 Months.....	4277	2.9		7.4	3760	2.4		7.4

Mortality 42762 27.0

INFANT DEATHS BY SMALLER AGE GROUP
PERCENT DISTRIBUTION
PHILIPPINES
1987

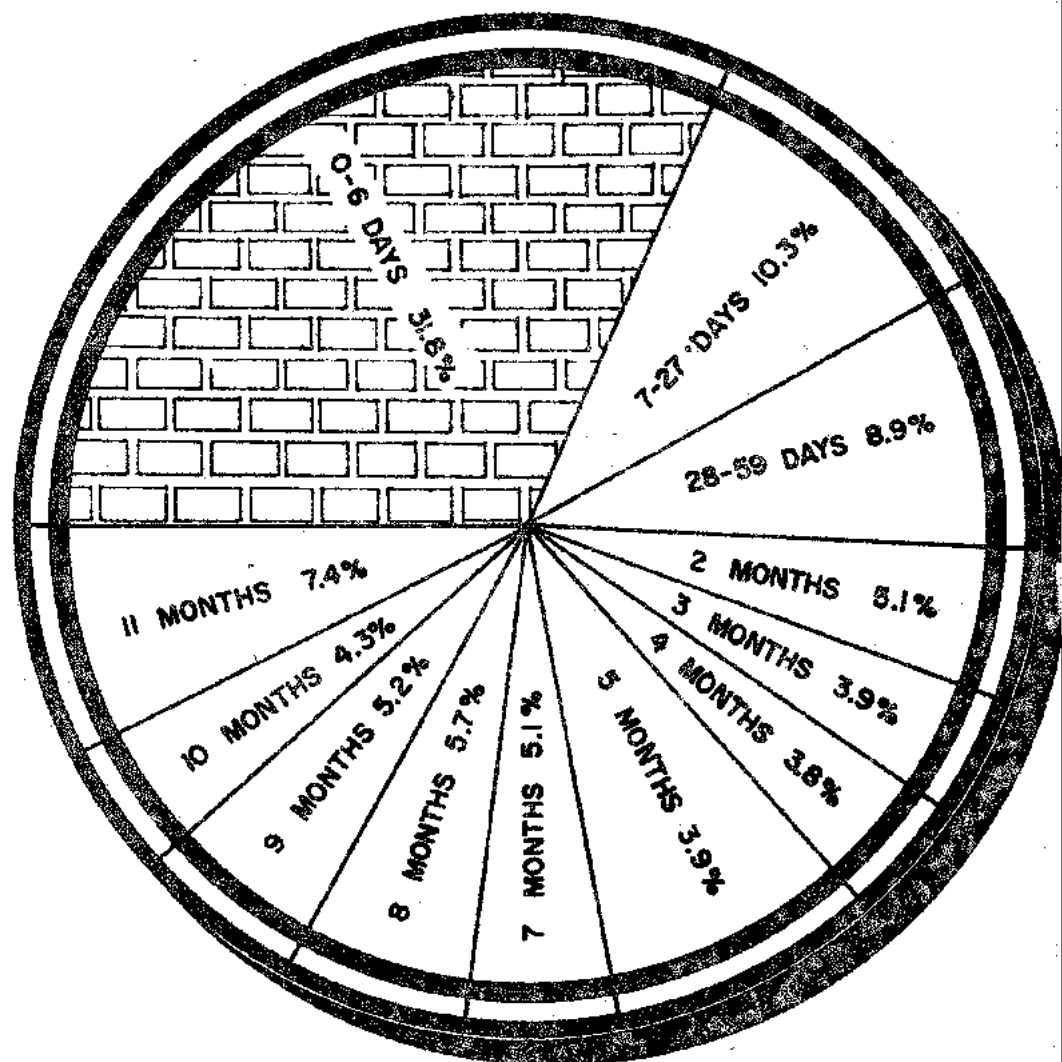


Fig. 29

INFANT MORTALITY : NEONATAL AND POST NEONATAL DEATH RATE

Rate per 1,000 Livebirths
1977-1987

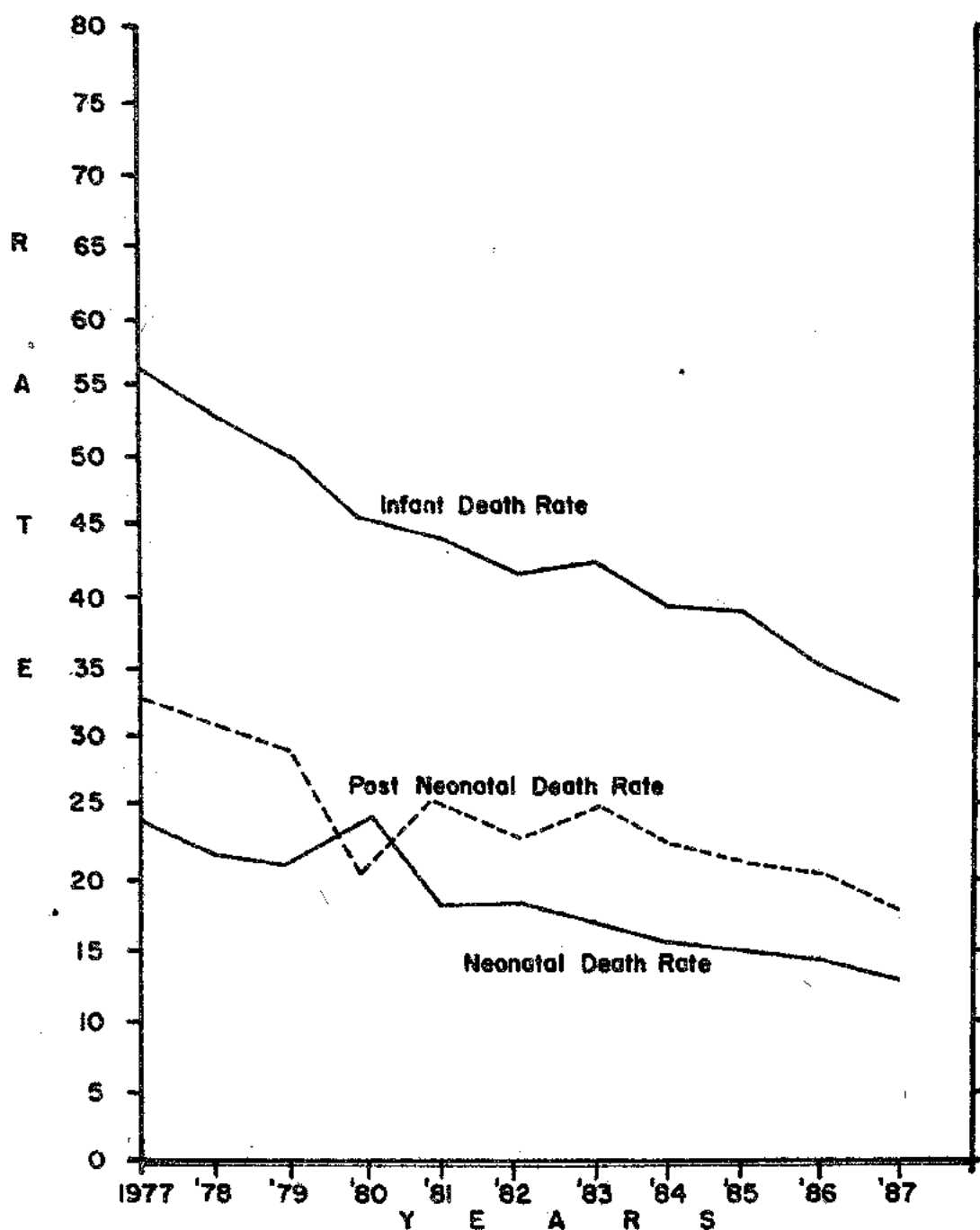


Fig. 30

TABLE 30

INFANT MORTALITY: TEN (10) LEADING CAUSES
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
5-YEAR AVERAGE (1982-1986) & 1987

237

C A U S E	5-YEAR AVERAGE (1982-1986)			1 9 8 7		
	Number	Rate	% of Infant Deaths	Number	Rate	% of Infant Deaths
1. PNEUMONIAS.....(480-486)	14793	10.0	25.5	13380	8.5	26.3
2. RESPIRATORY CONDITIONS OF FETUS AND NEWBORN..(769-771)	7884	5.3	13.6	7256	4.6	14.3
3. DIARRHEAL DISEASES..(001-009)	4529	3.1	7.8	3232	2.1	6.4
4. MEASLES.....(005)	1764	1.2	3.0	2355	1.5	4.6
5. CONGENITAL ANOMALIES.....(740-759)	2607	1.8	4.5	2250	1.4	4.4
6. AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY.....(260-269)	2388	1.6	4.1	1721	1.1	3.4
7. BIRTH INJURY AND DIFFICULT LABOR....(768;772)	1500	1.0	2.6	1393	0.9	2.7
8. SEPTICEMIA.....(038)	971	0.7	1.7	1023	0.6	2.0
9. ACUTE BRONCHITIS AND BRONCHIOLITIS.....(466)	966	0.7	1.7	765	0.5	1.5
10. MENINGITIS.....(320-322)	726	0.5	1.3	603	0.4	1.2

INFANT MORTALITY: LEADING CAUSES

Rate per 1,000 live births
PHILIPPINES
 5 Yr. Ave. (1982-1986) & 1987

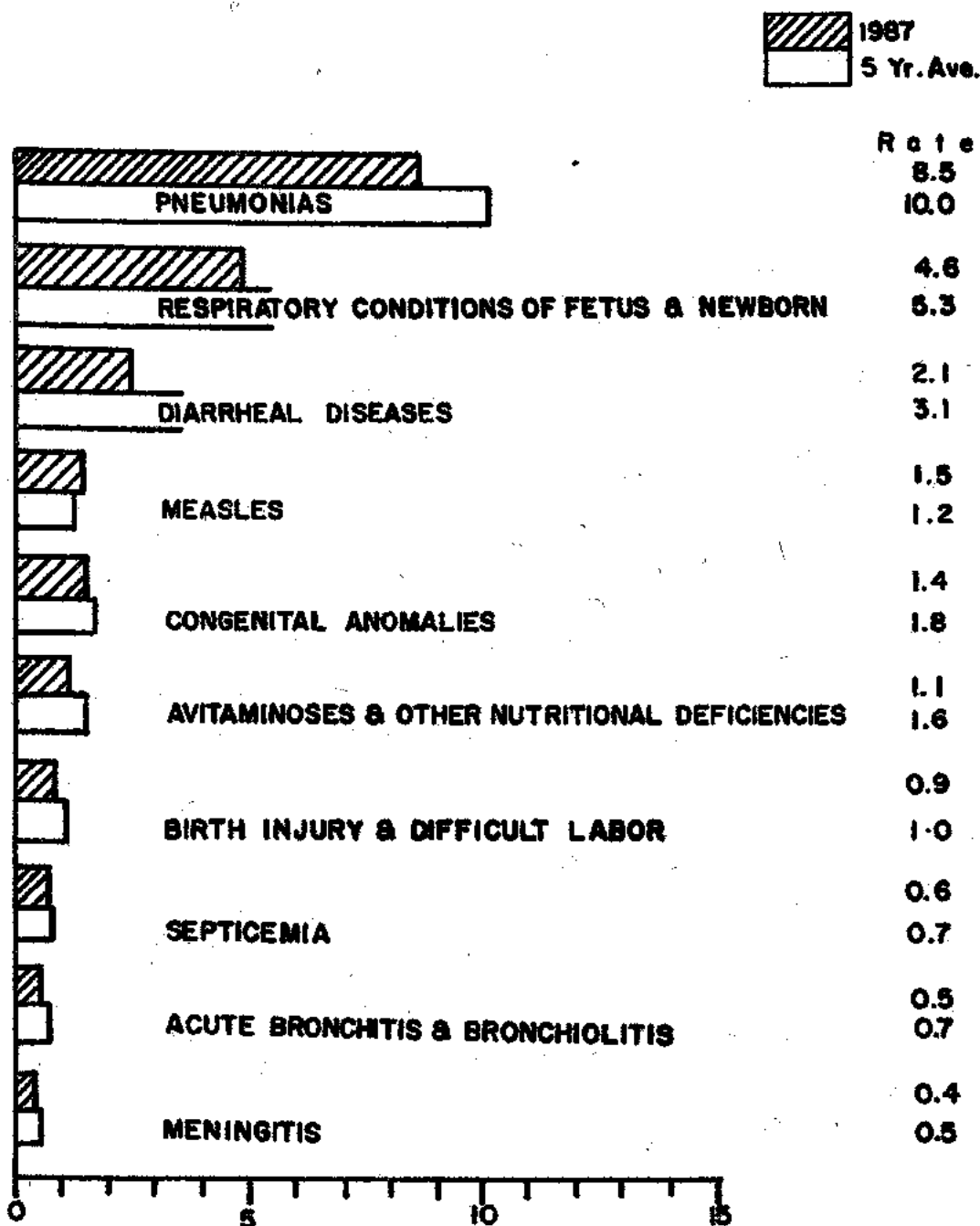


Fig. 31

TABLE 31

MATERNAL MORTALITY: BY MAIN CAUSE
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1987

239

C A U S E	1 9 8 7		
	Number	Rate	Percent
T O T A L.....	1611	1.0	100.0
Pregnancy with abortive outcome.....(630-639)	159	0.1	9.9
Hemorrhages related to pregnancy.....(640;641)	118	0.07	7.3
Hypertension complicating pregnancy, childbirth and puerperium.....(642)	380	0.2	24.1
Postpartum Hemorrhage.....(666)	445	0.3	27.6
Normal Delivery and Other Complications related to pregnancy occurring in the course of labor, delivery and Puerperium..(643-648;650-665;667-676)	501	0.3	31.1

MATERNAL DEATHS BY MAIN CAUSE
PERCENT DISTRIBUTION
PHILIPPINES
1987

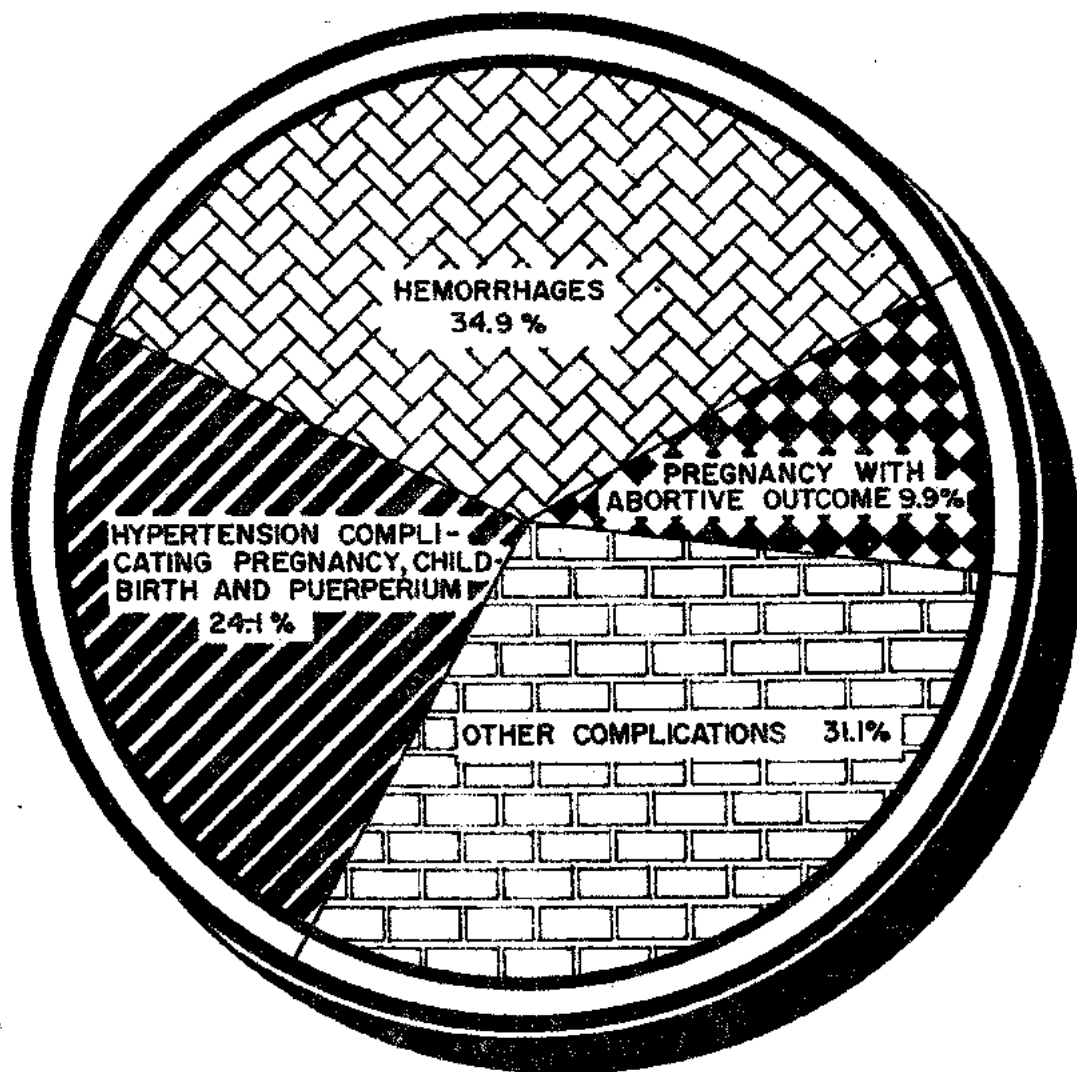


Fig. 32

TABLE 32

MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1987

241

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		
	Number	Rate*	Percent	Number	Rate*	Percent
<u>PHILIPPINES</u>	1611	1.0	100.0	257	490.5	100.0
NAT. CAP. REGION.....	125	0.5	7.8	20	38.2	7.9
REGION 1.....	116	1.0	7.2	17	32.4	6.6
REGION 2.....	101	1.4	6.3	13	24.8	5.1
REGION 3.....	147	0.9	9.1	34	64.9	13.2
REGION 4.....	248	1.1	15.4	44	84.0	17.1
REGION 5.....	185	1.6	11.5	21	40.1	8.2
REGION 6.....	137	1.2	8.5	16	30.5	6.2
REGION 7.....	114	0.9	7.1	14	26.7	5.4
REGION 8.....	105	1.7	6.5	17	32.4	6.6
REGION 9.....	61	1.0	3.8	7	13.4	2.7
REGION 10.....	128	1.3	7.8	36	68.7	14.0
REGION 11.....	101	0.8	6.3	14	26.7	5.4
REGION 12.....	43	0.9	2.7	4	7.6	1.6

*Rate According to corresponding Age-Group.

MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1987

R E G I O N	AGE DISTRIBUTION					
	15 - 19 YEARS			20 - 24 YEARS		
	Number	Rate*	Percent	Number	Rate*	Percent
<u>PHILIPPINES.....</u>	71	0.5	100.0	191	0.4	100.0
NAT. CAP. REGION.....	6	0.04	8.5	13	0.03	6.8
REGION 1.....	6	0.04	8.5	10	0.02	5.2
REGION 2.....	4	0.03	5.6	13	0.03	6.8
REGION 3.....	10	0.07	14.0	12	0.03	6.3
REGION 4.....	8	0.05	11.3	36	0.07	18.8
REGION 5.....	5	0.04	7.0	20	0.04	10.5
REGION 6.....	3	0.02	4.1	16	0.03	8.4
REGION 7.....	4	0.03	5.6	22	0.05	11.5
REGION 8.....	6	0.04	8.5	14	0.03	7.3
REGION 9.....	6	0.04	8.5	12	0.03	6.3
REGION 10.....	6	0.04	8.5	11	0.02	5.8
REGION 11.....	6	0.04	8.5	8	0.02	4.2
REGION 12.....	1	0.01	1.4	4	0.01	2.1

*Rate according to corresponding Age-Group.

MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1987

R E G I O N	AGE DISTRIBUTION					
	25 - 29 YEARS			30 - 34 YEARS		
	Number	Rate*	Percent	Number	Rate*	Percent
<u>PHILIPPINES</u>	239	0.5	100.0	244	0.8	100.0
NAT. CAP. REGION.....	17	0.04	7.1	24	0.08	9.8
REGION 1.....	17	0.04	7.1	19	0.06	7.8
REGION 2.....	10	0.02	4.2	15	0.05	6.1
REGION 3.....	17	0.04	7.1	19	0.06	7.8
REGION 4.....	43	0.09	18.0	33	0.1	13.5
REGION 5.....	29	0.06	12.1	26	0.09	10.7
REGION 6.....	21	0.05	8.8	19	0.06	7.8
REGION 7.....	13	0.03	5.4	17	0.06	7.0
REGION 8.....	15	0.03	6.3	14	0.05	5.7
REGION 9.....	14	0.03	5.9	4	0.01	1.6
REGION 10.....	18	0.04	7.5	26	0.09	10.7
REGION 11.....	16	0.04	6.7	21	0.07	8.6
REGION 12.....	9	0.02	3.8	7	0.02	2.9

*Rate according to corresponding Age-Group.

MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1987

R E G I O N	AGE DISTRIBUTION					
	35 - 39 YEARS			40 - 44 YEARS		
	Number	Rate*	Percent	Number	Rate*	Percent
<u>PHILIPPINES</u>	243	1.5	100.0	122	2.4	100.0
NAT. CAP. REGION.....	10	0.06	4.1	8	0.2	6.5
REGION 1.....	24	0.1	9.9	11	0.2	9.0
REGION 2.....	21	0.1	8.6	4	0.08	3.3
REGION 3.....	14	0.09	5.8	9	0.2	7.4
REGION 4.....	30	0.2	12.3	11	0.2	9.0
REGION 5.....	34	0.2	14.1	19	0.4	15.6
REGION 6.....	23	0.1	9.5	11	0.2	9.0
REGION 7.....	13	0.08	5.3	16	0.3	13.1
REGION 8.....	16	0.1	6.6	9	0.2	7.4
REGION 9.....	10	0.06	4.1	3	0.06	2.5
REGION 10.....	13	0.08	5.3	11	0.2	9.0
REGION 11.....	25	0.2	10.3	5	0.1	4.1
REGION 12.....	10	0.06	4.1	5	0.1	4.1

*Rate according to corresponding Age-Group.

MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION
No. & Rate/1000 l.b. & Percentage Distribution
PHILIPPINES
1987

R E G I O N	AGE DISTRIBUTION					
	45 - 49 YEARS			50 YRS. & OVER		
	Number	Rate*	Percent	Number	Rate*	Percent
<u>PHILIPPINES</u>	43	4.9	100.0	201	115.1	100.0
NAT. CAP. REGION.....	2	0.2	4.6	25	14.3	12.4
REGION 1.....	3	0.3	7.0	9	5.2	4.5
REGION 2.....	3	0.3	7.0	18	10.3	9.0
REGION 3.....	4	0.5	9.3	28	16.0	13.9
REGION 4.....	10	1.1	23.3	33	18.9	16.4
REGION 5.....	3	0.3	7.0	28	16.0	13.9
REGION 6.....	7	0.8	16.3	21	12.0	10.4
REGION 7.....	3	0.3	7.0	12	6.9	6.0
REGION 8.....	3	0.3	7.0	11	6.3	5.5
REGION 9.....	1	0.1	2.3	4	2.3	2.0
REGION 10.....	1	0.1	2.3	6	3.4	3.0
REGION 11.....	2	0.2	4.6	4	2.3	2.0
REGION 12.....	1	0.1	2.3	2	1.1	1.0

*Rate according to corresponding Age-Group.

TABLE 33

FETAL MORTALITY BY ATTENDANCE & BY CAUSE
PHILIPPINES
1987

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
Fetus affected by maternal conditions which may be unrelated to present pregnancy.....(760)	270	190	7	21	9	43
Fetus affected by maternal complications of pregnancy.....(761)	82	42	3	13	9	15
Fetus affected by complications of placenta, cord and membranes.....(762)	2145	1503	60	100	42	440
Fetus affected by other complications of labour and delivery.....(763)	522	280	13	56	69	104
Slow fetal growth and fetal malnutrition..(764)	9	1	0	6	1	1
Disorders relating to short gestation and unspecified low birth weight.....(765)	1329	535	41	151	172	430
Disorders relating to long gestation and high birth weight.....(766)	101	49	5	13	4	30
Birth trauma.....(767)	2	1	0	0	1	0
Intrauterine hypoxia and birth asphyxia.....(768)	377	515	28	79	85	170
Respiratory distress syndrome.....(769)	173	70	12	21	17	53
Other respiratory conditions of fetus.....(770)	55	24	0	2	1	28

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)	48	12	1	12	4	19
Fetal haemorrhage....(772)	1	1	0	0	0	0
Haemolytic disease of fetus due to isoimmunization.....(773)	3	2	0	1	0	0
Other perinatal jaundice.....(774)	1	0	0	0	0	1
Endocrine and metabolic disturbances specific to the fetus.....(775)	1	0	0	1	0	0
Haematological disorders of fetus.....(776)	6	3	0	0	2	1
Perinatal disorders of digestive system....(777)	3	1	0	0	1	1
Conditions involving the integument and temperature regulations of fetus.....(778)	4	1	1	1	0	1
Other and ill-defined conditions originating in the perinatal period(779)	4883	2217	174	623	494	1375
TOTAL - Number.....	10515	5447	345	1100	911	2712
Percent.....	100.0	51.8	3.3	10.4	8.7	25.8

FETAL DEATHS BY MEDICAL ATTENDANCE
PERCENTAGE DISTRIBUTION
PHILIPPINES
1987

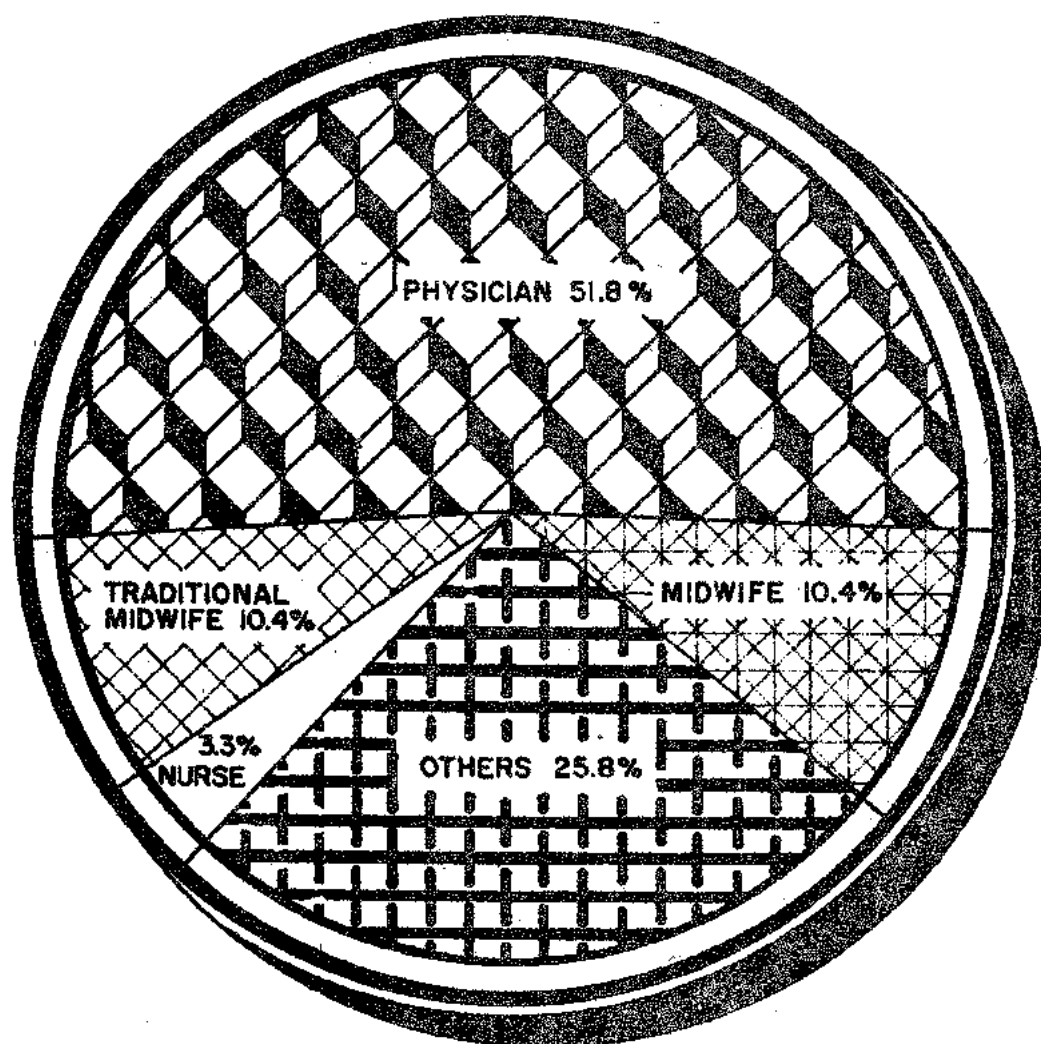


Fig. 33

TABLE 34

FETAL DEATHS BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1987

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 pregnancy..(760)	270	27	4.5	30	5.2	26	4.3	27	4.2	19	2.3
Fetus affected by maternal complications of pregnancy.....(761)	82	3	0.5	5	0.9	1	0.2	4	0.6	13	1.6
Fetus affected by complications of placenta, cord and membranes.....(762)	2145	266	44.5	202	34.9	197	32.7	209	32.2	233	28.4
Fetus affected by other complications of labour and delivery.....(763)	522	9	1.5	20	3.5	9	1.5	25	3.9	52	6.3
Slow fetal growth and fetal malnutrition.....(764)	9	0	-	0	-	0	-	1	0.1	1	0.1
Disorders relating to short gestation and unspecified low birth weight.....(765)	1329	93	15.5	93	16.1	83	13.8	51	7.9	45	5.5
Disorders relating to long gestation and high birth weight.....(766)	101	0	-	0	-	4	0.7	4	0.6	7	0.8
Birth trauma.....(767)	2	0	-	0	-	0	-	0	-	0	-
Intrauterine hypoxia and birth asphyxia.....(768)	877	30	5.0	46	7.9	37	6.1	55	8.5	84	10.2
Respiratory distress syndrome.....(769)	173	2	0.3	7	1.2	7	1.2	9	1.4	12	1.5
Other respiratory conditions.....(770)	55	3	0.5	1	0.2	1	0.2	1	0.1	2	0.2

FETAL DEATHS BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1987

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)	48	1	0.2	2	0.3	6	0.9	4	0.6	4	0.5
Fetal and neo-natal haemorrhage.....(772)	1	0	-	0	-	0	-	0	-	0	-
Haemolytic disease of fetus due to isoimmuni- zation.....(773)	3	0	-	0	-	1	0.2	0	-	0	-
Other perinatal jaun- dice.....(774)	1	0	-	0	-	0	-	0	-	0	-
Endocrine and metabolic disturbances specific to the fetus.....(775)	1	1	0.2	0	-	0	-	0	-	0	-
Haematological disorders of fetus.....(776)	6	0	-	1	0.2	0	-	0	-	0	-
Perinatal disorders of digestive system.....(777)	3	0	-	0	-	0	-	0	-	0	-
Conditions involving the integument and temperature regulations of fetus...(778)	4	1	0.2	1	0.2	0	-	1	0.1	0	-
Other and ill-defined con- ditions originating in the perinatal period...(779)	4883	162	27.1	170	29.4	231	38.2	257	39.7	349	42.5
T O T A L	10515	598	100.0	578	100.0	603	100.0	648	100.0	821	100.0

TABLE 34

FETAL DEATHS BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1987

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 condition which may be unrelated to pregnancy.....(760)	8	1.3	7	2.24	2	2.1	1	2.2	1	6.2	122	1.97
Fetus affected by maternal complications of pregnancy.....(761)	9	1.5	3	0.96	2	2.1	1	2.2	0	-	41	0.66
Fetus affected by complications of placenta, cord and membrane.....(762)	133	21.9	68	21.72	12	12.4	6	13.3	1	6.2	818	13.22
Fetus affected by other complications of labour and delivery.....(763)	57	9.4	40	12.78	11	11.3	7	15.5	1	6.2	291	4.70
Slow fetal growth and fetal malnutrition....(764)	3	0.5	1	0.32	0	-	0	-	0	-	3	0.05
Disorders relating to short gestation and unspecified low birth weight.....(765)	22	3.6	12	3.83	5	5.1	4	8.9	2	12.5	919	14.85
Disorders relating to long gestations and high birth weight.....(766)	15	2.5	6	1.92	4	4.1	0	-	1	6.2	60	0.97
Birth trauma.....(767)	0	-	0	-	0	-	0	-	0	-	2	0.03
Intrauterine hypoxia and asphyxia.....(768)	65	10.7	38	12.14	7	7.2	6	13.3	3	18.7	506	8.17
Respiratory distress syndrome.....(769)	8	1.3	2	0.64	0	-	0	-	2	12.5	124	2.08
Other respiratory conditions.....(770)	1	0.2	0	-	0	-	0	-	0	-	46	0.74

FETAL DEATHS BY CAUSE & BIRTH WEIGHT
No. & Percentage Distribution
PHILIPPINES
1987

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)	7	1.1	3	0.96	0	-	1	2.2	0	-	20	0.32
Fetal and neo-natal haemorrhage.....(772)	0	-	0	-	0	-	0	-	0	-	1	0.02
Haemolytic disease of fetus due to isoimmunization.....(773)	0	-	1	0.32	0	-	0	-	0	-	1	0.02
Other perinatal jaun- dice.....(774)	0	-	0	-	0	-	0	-	0	-	1	0.02
Endocrine and metabolic disturbances specific to the fetus.....(775)	0	-	0	-	0	-	0	-	0	-	0	-
Haematological disorders of fetus.....(776)	2	0.3	0	-	0	-	0	-	0	-	3	0.05
Perinatal disorders of digestive system.....(777)	0	-	0	-	0	-	0	-	0	-	3	0.05
Conditions involving the integument and temperature regulations of fetus..(778)	1	0.2	0	-	0	-	0	-	0	-	0	-
Other and ill-defined con- ditions originating in the perinatal period..(779)	276	45.5	132	42.17	54	55.7	19	42.2	5	31.2	3228	52.16
T O T A L	607	100.0	313	100.0	97	100.0	45	100.0	16	100.0	6189	100.0

TABLE 35

LATE FETAL DEATHS BY AGE OF MOTHER & BIRTH ORDER
PHILIPPINES
1987

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.....	434113	1099	2.5	9	188	428	261	118	41	12	20	22
Second.....	339413	727	2.1	0	71	253	234	114	35	11	9	0
Third.....	256226	576	2.2	0	9	131	213	132	68	19	4	0
Fourth.....	183888	401	2.2	0	2	55	136	107	67	22	12	0
Fifth.....	123539	319	2.6	0	0	19	86	111	75	20	8	0
Sixth.....	82710	105	2.2	0	0	8	34	61	56	21	5	0
Seventh....	55675	126	2.3	0	0	5	19	45	33	18	6	0
Eight.....	36543	100	2.7	0	0	1	14	17	53	12	3	0
Ninth.....	23271	62	2.7	0	0	1	5	10	29	16	1	0
Tenth & Over.....	14987	334	22.3	0	63	142	11	20	43	42	13	0
Not Stated.	32104	384	12.0	0	0	0	153	112	58	19	42	0
TOTAL.....	1582469	4313	2.7	9	333	1043	1166	847	558	212	123	22

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

FETAL DEATHS: NO. & PERCENTAGE DISTRIBUTION;
BY CAUSE & PERIOD OF GESTATION
PHILIPPINES
1987

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)	270	2.57	0	19	87	48	116
Fetus affected by maternal complications of pregnancy.....(761)	82	0.78	0	6	22	20	34
Fetus affected by complications of placenta, cord and membranes.....(762)	2145	20.39	60	236	586	509	754
Fetus affected by other complications of labour and delivery.....(763)	522	4.96	2	8	126	111	275
Slow fetal growth and fetal malnutrition.....(764)	9	0.08	0	0	4	2	3
Disorders relating to short gestations and unspecified low birth weight.....(765)	1329	12.64	12	163	361	46	747
Disorders relating to long gestations and high birth weight.....(766)	101	0.96	2	0	11	38	50
Birth trauma.....(767)	2	0.02	0	0	0	0	2
Intrauterine hypoxia and birth asphyxia.....(768)	877	8.34	4	43	250	168	412
Respiratory distress syndrome.....(769)	173	1.65	2	8	32	22	109
Other respiratory conditions of fetus.....(770)	55	0.52	1	3	7	2	42

TABLE 36

FETAL DEATHS: NO & PERCENTAGE DISTRIBUTION
BY CAUSE & PERIOD OF GESTATION
PHILIPPINES
1987

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)	48	0.46	0	0	13	18	17
Fetal haemorrhage.....(772)	1	0.01	0	0	0	0	1
Haemolytic disease of fetus due to isoimmunization.....(773)	3	0.03	0	0	2	0	1
Other perinatal jaundice.....(774)	1	0.01	0	0	0	0	1
Endocrine and metabolic disturbances specific to the fetus.....(775)	1	0.01	0	0	1	0	0
Haematological disorders of fetus.....(776)	6	0.06	0	0	3	2	1
Perinatal disorders of digestive system.....(777)	3	0.03	0	0	1	0	2
Conditions involving the integument and temperature regulations of fetus.....(778)	4	0.04	0	0	1	1	2
Other and ill-defined conditions originating in the perinatal period.....(779)	4883	46.44	27	240	1164	655	2797
TOTAL - Number.....	10515	100.0	110	726	2671	1642	5366
Percent.....	100.0	-	1.05	6.90	25.40	15.62	51.03

FETAL DEATHS BY PERIOD OF GESTATION
PERCENTAGE DISTRIBUTION
PHILIPPINES
1987

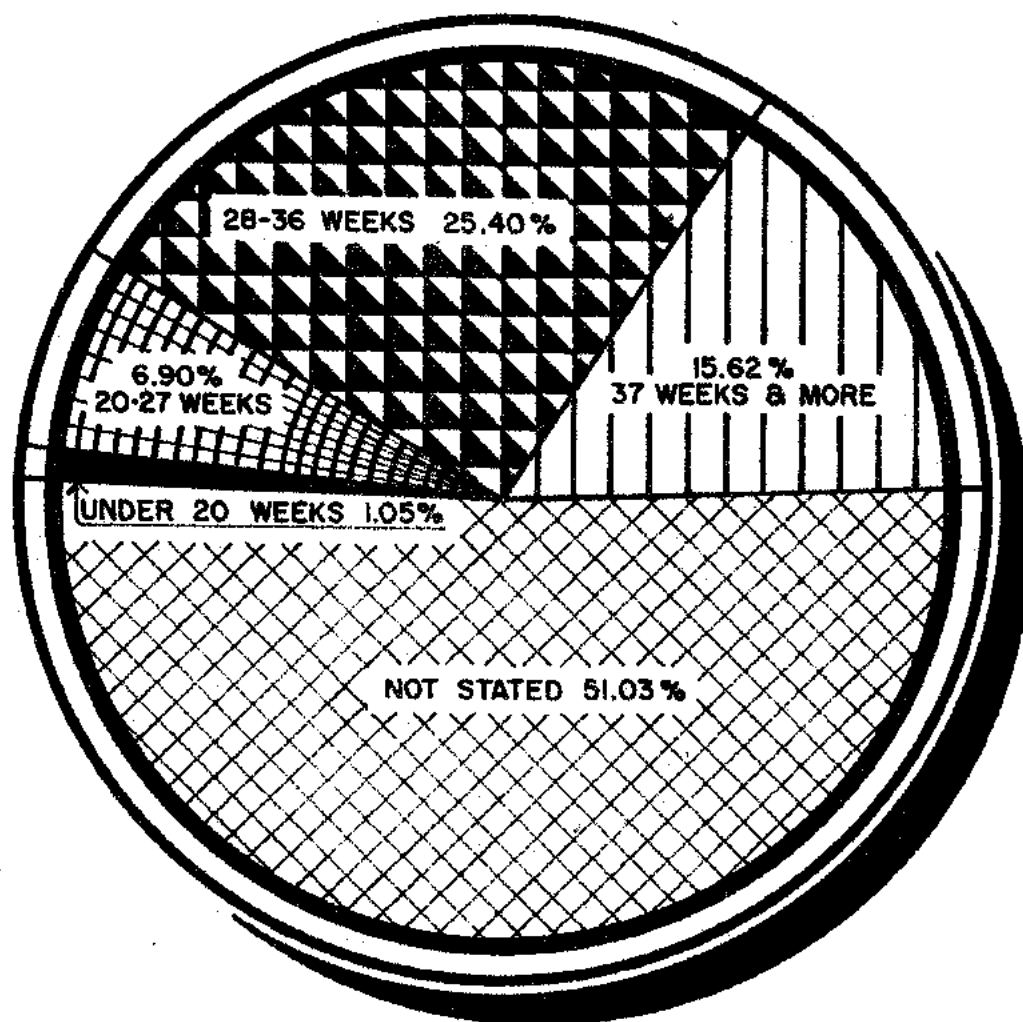


Fig. 34

TABLE 37

FETAL DEATHS BY AGE OF MOTHER & BIRTH ORDER
PHILIPPINES
1987

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.....	2325	16	451	853	509	206
Second.....	1518	0	173	567	447	200
Third.....	1211	0	37	312	441	243
Fourth.....	915	0	9	151	311	227
Fifth.....	699	0	2	63	208	235
Sixth.....	479	0	0	30	88	153
Seventh.....	301	0	0	12	45	105
Eight.....	225	0	0	4	30	51
Ninth.....	155	0	0	5	17	26
Tenth & Over.....	328	0	0	3	22	54
Not Stated.....	2359	0	220	498	448	340
Total Fetal Death..	10515	16	892	2498	2566	1840
Percent.....	100.0	0.1	8.5	23.8	24.4	17.5
Rate ^a	6.6	30.5	6.6	5.4	5.6	6.3
Total Livebirths by age of Mother..	1582469	524	134899	461652	456675	293091

^aPer 1,000 livebirths of the corresponding age-group of Mother.

FETAL DEATHS BY AGE OF MOTHER & BIRTH ORDER
PHILIPPINES
1987

BIRTH ORDER	AGE OF MOTHER (Y E A R S)			
	35 - 39	40 - 44	45 & Over	Not Stated
First.....	97	21	59	113
Second.....	68	20	43	0
Third.....	107	35	36	0
Fourth.....	141	40	36	0
Fifth.....	125	41	25	0
Sixth.....	137	46	25	0
Seventh.....	93	37	9	0
Eight.....	92	34	14	0
Ninth.....	69	31	7	0
Tenth & Over.....	110	98	41	0
Not Stated.....	212	72	567	2
Total Fetal Death.....	1251	475	862	115
Percent.....	11.9	4.5	8.2	1.1
Rate*.....	7.8	9.4	82.2	8.8
Total Livebirths by age of Mother.....	161241	50769	10488	13130

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

FETAL DEATHS BY AGE OF MOTHER

Rate per 1,000 live births
PHILIPPINES
1987

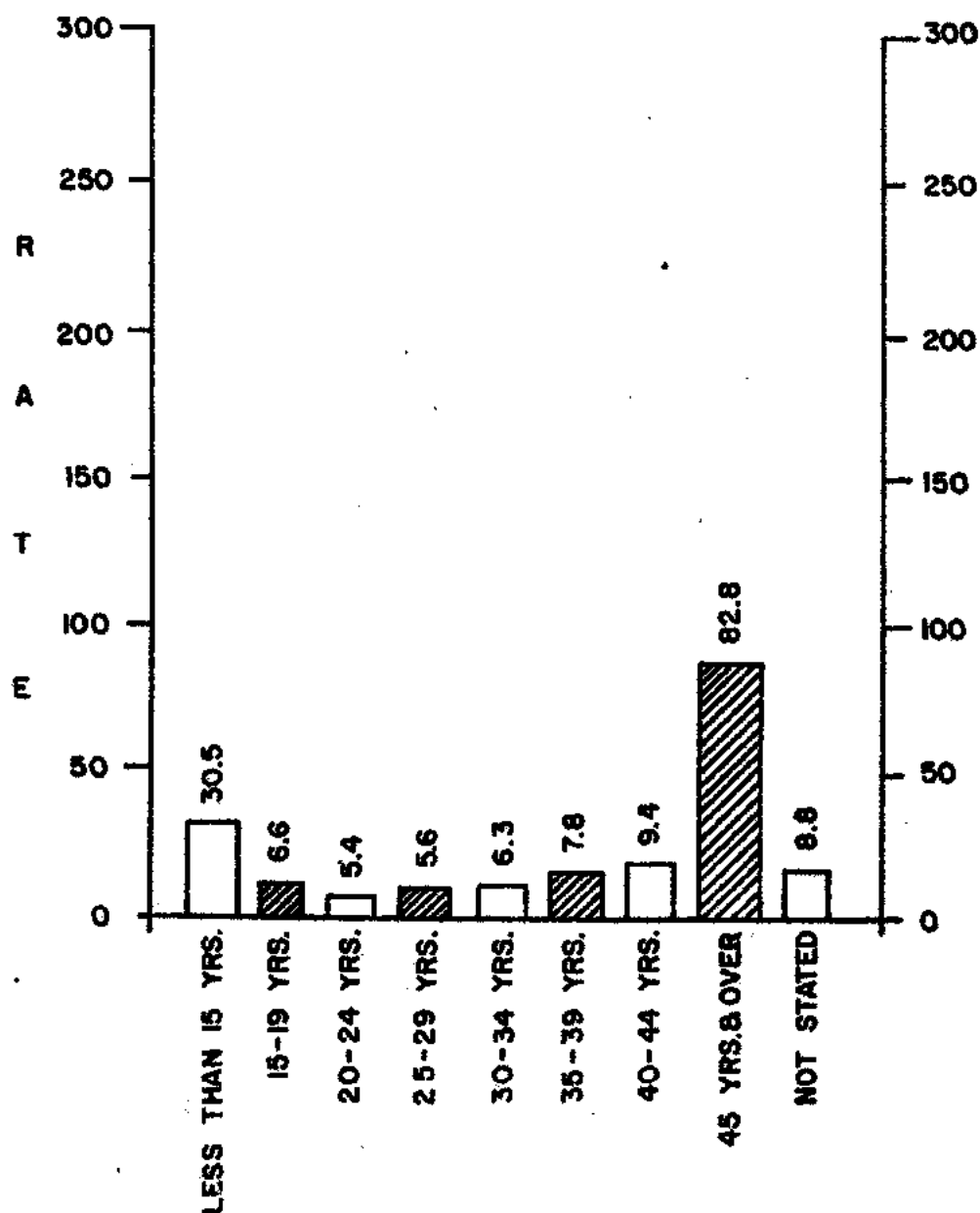


Fig. 35

TABLE 38

FETAL DEATHS BY CAUSE
No. & Percentage Distribution
PHILIPPINES
1987

260

C A U S E	Number	Percent of Fetal Deaths
Fetus affected by maternal conditions which may be unrelated to present pregnancy.....(760)	270	2.57
Fetus affected by maternal complications of pregnancy.....(761)	82	0.78
Fetus affected by complications of placenta, cord and membranes.....(762)	2145	20.39
Fetus affected by other complications of labour and delivery.....(763)	522	4.96
Slow fetal growth and fetal malnutrition.....(764)	9	0.08
Disorders relating to short gestations and unspecified low birth weight.....(765)	1329	12.64
Disorders relating to long gestations and high birth weight.....(766)	101	0.96
Birth trauma.....(767)	2	0.02
Intrauterine hypoxia and asphyxia.....(768)	877	8.34
Respiratory distress syndrome.....(769)	173	1.65
Other respiratory conditions of fetus.....(770)	55	0.52
Infections specific to the perinatal period.....(771)	48	0.46
Fetal haemorrhage.....(772)	1	0.01
Haemolytic disease of fetus due to isoimmunization.....(773)	3	0.03
Other perinatal jaundice.....(774)	1	0.01
Endocrine and metabolic disturbances specific to the fetus.....(775)	1	0.01
Haematological disorders of fetus.....(776)	6	0.06
Perinatal disorders of digestive system.....(777)	3	0.03
Conditions involving the integument and temperature regulation of fetus.....(778)	4	0.04
Other and ill-defined conditions originating in the perinatal period.....(779)	4883	46.44
T O T A L	10515	100.00