

H29.7

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FOREWORD

This report prepared by the National Epidemiology Center (NEC) of the Department provides the summary of statistical data on Births, Deaths and Notifiable Diseases registered and reported in 1997.

Data on births, fetal and maternal mortalities were provided by the National Statistics Office (NSO). Morbidities (non-fatal conditions) were collected through the Notifiable Diseases Registry (Field Health Service Information System) submitted by the Rural Health Units (RHUs) and Barangay Health Stations (BHSs). Starting with this edition of the *Philippine Health Statistics*, diseases, injuries and conditions are coded using the International Classification of Diseases version 10 (ICD-10).

I would like to thank the NSO's Vital Health and Registry Division and all health workers in the field for their contributions and continuous support in strengthening the health information system in the country.

The Department hopes that the information contained herein will be useful to local chief executives, local health workers, and other stakeholders in planning, managing and improving their health care systems.


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RATES & RATIOS

RATE - In Vital Statistics, a rate shows the relationship between a vital event and those persons exposed to the occurrence of said event, within a given area and during a specified unit of time. It is evident that the persons experiencing the event (the numerator) must come from the total population exposed to the risk of same event (the denominator).

RATIO - It is used to describe the relationship between two (2) numerical quantities or measures of events without taking particular considerations to the time or place. These quantities need not necessarily represent the same entities, although the unit of measure must be the same for both numerator and denominator of the ratio.

CRUDE or GENERAL RATES - These rates are referred to the total living population. It must be presumed that the total population was exposed to the risk of the occurrence of the event.

SPECIFIC RATE - The relationship is for a specific population class or group. It limits the occurrence of the event to that portion of the population definitely exposed to it.

Crude Birth Rate - A measure of one characteristic of the natural growth or increase of a population.

$$\text{CBR} = \frac{\text{Total No. of livebirths registered in a given calendar year}}{\text{Estimated population as of July 1 of same year}} \times 1,000$$

Crude Death Rate - A measure of one mortality from all causes which may result in a decrease of population.

$$\text{CDR} = \frac{\text{Total No. of deaths registered in a given calendar year}}{\text{Estimated population as of July 1 of same year}} \times 1,000$$

Infant Mortality Rate - Measures the risk of dying during the 1st year of life. It is a good index of the general health condition of a community since it reflects the changes in the environmental and medical conditions of a community.

$$\text{IMR} = \frac{\text{Total No. of deaths under 1 year of age registered in a given calendar year}}{\text{Total No. of registered livebirths of same calendar year}} \times 1,000$$

Maternal Mortality Rate - It measures the risk of dying from causes related to pregnancy, childbirth and puerperium. It is an index of the obstetrical care needed and received by the women in a community.

$$\text{MMR} = \frac{\text{Total No. of deaths from maternal causes registered for a given year}}{\text{Total No. of livebirths registered of same year}} \times 1,000$$

Fetal Death Rate - Measures pregnancy wastage. Death of the product of conception occurs prior to its complete expulsion, irrespective of duration of pregnancy.

$$\text{FDR} = \frac{\text{Total No. of Fetal deaths registered in a given calendar year}}{\text{Total No. of livebirths registered of same year}} \times 1,000$$

Neonatal Death Rate - Measures the risk of dying during the 1st month of life. May serve as index of the effects of prenatal care and obstetrical management on the newborn.

$$\text{NDR} = \frac{\text{No. of deaths under 28 days of age registered in a given calendar year}}{\text{No. of livebirths registered of same year}} \times 1,000$$

Specific Death Rate - Describes more accurately the risk of exposure of certain classes or groups to particular diseases. To understand the forces of mortality, the rates should be made specific provided the data are available for both the population and the event in their specifications. Specific rates render more comparable results and thus, reveal the problems of public health.

$$\text{Specific Death Rate} = \frac{\text{Deaths in specific class or group registered in a given calendar year}}{\text{Estimated population as of July 1 in same specified class or group of said year}} \times 100,000$$

Examples:

$$\text{Cause-specific Death Rate} = \frac{\text{No. of deaths from a specific cause registered in a given calendar year}}{\text{Estimated population as of July 1st of same year}} \times 100,000$$

$$\text{Age-specific Death Rate} = \frac{\text{No. of deaths in a particular age group registered in a given calendar year}}{\text{Estimated population as of July 1st in same age group of same year}} \times 100,000$$

$$\text{Sex-specific Death Rate} = \frac{\text{No. of deaths of a certain sex registered in a given calendar year}}{\text{Estimated population as of July 1 in same sex for same year}} \times 100,000$$

Incidence Rate - Measures the frequency of occurrence of the phenomenon during a given period of time. Deals only with new cases.

$$\text{I R} = \frac{\text{No. of new cases of a particular disease registered during a specified period of time}}{\text{Population at risk}} \times 100,000$$

Prevalence Rate - Measures the proportion of the population which exhibits a particular disease at a particular time. This can only be determined following a survey of the population concerned. Deals with total (old and new) number of cases.

$$\text{P R} = \frac{\text{No. of new and old cases of a certain disease registered at a given time}}{\text{Total no. of persons examined at same given time}} \times 100$$

Attack Rate - A more accurate measure of the risk of exposure. Useful in epidemiological investigations.

$$\text{A R} = \frac{\text{No. of persons acquiring a disease registered in a given year}}{\text{No. exposed to same disease in same year}} \times 100$$

Proportionate Mortality (Death Ratios) - Shows the numerical relationship between deaths from a cause (or groups of causes), age (or groups of age) etc. and the total no. of deaths from all causes in all ages taken together. Not a measure of risk of dying.

$$\text{P M} = \frac{\text{No. of registered deaths from a specific cause or age for a given calendar year}}{\text{No. of registered deaths from all causes, all ages in same year}} \times 100$$

Adjusted or Standardized Rates - To render the rates of 2 communities comparable, adjustment for the difference in age, sex, race and any other factors which influence vital events have to be made.

2 methods:

- a) By applying observed specific rates to some standard population
- b) By applying specific rates of standard population to corresponding classes or groups of the local population.

Case Fatality Ratio - Index of the killing power of a disease. It is influenced by incomplete reporting and poor morbidity data.

$$\text{CFR} = \frac{\text{No. of registered deaths from a specific disease for a given year}}{\text{No. of registered cases from same specific disease in same year}} \times 100$$

Republic of the Philippines
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PHILIPPINE HEALTH STATISTICS
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INTRODUCTION

A. SOURCES OF DATA

1. *Live Birth, Death and Fetal Death Statistics*

Effective March, 1973 a collaborative program was drawn with the National Statistics Office (NSO) whereby that Office shall provide basic tabulation on births and deaths. Raw data on births, deaths and fetal deaths were taken from the said Office. The basis of the registration of vital events in Act No. 3753 otherwise known as the Civil Registry Law. By virtue of Commonwealth Act 591, the Administrator of NSO 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 Disease Statistics*

Data on Notifiable Diseases is based on information submitted by different RHUs, CHOs 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 (W1-a, W1-b) weekly to the National Epidemiology Center where such data received are then edited, classified, compiled, analyzed and interpreted.

3. *Population Statistics*

The official population estimates since 1931, as computed by NSO, using geometric method are presented in this report. The bases for the yearly population figures are the censuses of 1918, 1939, 1948, 1960, 1970, 1975, 1980 and 1990. In 1980, the Philippine population was pegged at 48,098,460 with an annual growth rate of 2.71 percent. Then, in 1990 the Census of Population and Housing registered a total population of 60,703,206 which recorded a 2.35 percent average annual growth rate, lower by 0.36 percent from the 1980 level. By population size, the Philippines ranked 9th in Asia and 13th largest in the world. The steady increase in the country's population could be attributed to the increasing number of live births and stable death rates resulting in a progressively growing natural increase.

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

Live births; 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 sixteen (16) regions, seventy six (76) provinces, sixty five (65) cities and three (3) more districts of City of Manila. There is no classification of the place of occurrence as to whether it is rural or urban because of the lack of 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 may be 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 Death

Morbidity and Mortality statistics published by the Department of Health are classified and tabulated in accordance with the International Classification of Diseases, Version 10 (ICD-10). The structure of the ICD-10 code is alphanumeric. The first character of the code is an alpha character, A to Z except U, followed by 2, 3 or 4 numeric character. Some 3 character categories are further subdivided into sub-categories to enable coding of a disease or condition as specifically as possible.

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 may be considered as four-fold tables with sex as one of the attributes of classifications.

C. ANALYSIS AND INTERPRETATION OF DATA

Vital statistics are essential in planning, operating and evaluating programs on health, transport, agricultural production, employment, housing, among others. They are very useful for a variety of administrative and research purposes. However, they cannot correctly be interpreted unless pertinent qualifying factors 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 rise 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 formulae are used. Thus, the crude birth and death rates are computed per 1,000 population; the infant, neonatal, maternal and fetal death rates are per 1,000 live births; and the specific diseases morbidity and mortality rates classified either by age, age and sex are computed 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 and the reporting of Notifiable Diseases (3573) there are deficiencies in the observance of the law due to a variety of factors. In the interpretation of these data, caution must be observed as the data were not adjusted for underregistration or underreporting. Marked fluctuations in vital events totals for some specific areas do not necessarily reflect differentials in fertility or mortality level but rather could be indications of variations in registration coverage. In the case of notifiable diseases, the source of data are the RHUs and BHSs in the country, thus cases identified or confirmed in hospitals and other private facilities are not included in the report. 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*

Prior to this report, The National Statistics Office (NSO) conducted the latest census of population and housing in May 1990. The NSO population estimates based on the results of the 1990 Census of Population and Housing (CPH) were used as the official population estimates for the computation of the different indicators used in this report. However, because of the urgency of releasing the Philippine Health Statistics, we estimated the 1991-1995 provincial population using the exponential formula for estimating the rate of growth following the trend in the rate of growth from 1970-1990. Estimates will be subject to change once the 1995 Population Census has been validated and finalized by the NSO.

1995 provincial figures were observed by interpolating linearly the official quinquennial 1990 and 1995 figures. The corresponding city population figures were calculated by assuming the proportionate share of a given city to the total provincial figures (CPH) Report No. 3; 3-41 – Socio-Economic and Demographic Characteristic. The under-one values were also based on the proportionate distribution based on the 1990 census figures.

Philippine Health Picture

1977 -1997









	<p>POPULATION</p> <p>Increased from 45,005,300 to 71,549,790 60.0% Increase</p>
	<p>CRUDE BIRTH RATE</p> <p>Decreased from 29.9 to 23.1 22.7% Decrease</p>
	<p>CRUDE DEATH RATE</p> <p>Declined from 6.9 to 4.7 31.9% Decrease</p>
	<p>INFANT DEATH RATE</p> <p>Declined from 56.8 to 17.0 70.1% Decrease</p>
	<p>MATERNAL DEATH RATE *</p> <p>Declined from 1.4 to 0.9 35.7% Decrease</p>
	<p>NEONATAL DEATH RATE **</p> <p>Declined from 24.0 to 9.5 60.4% Decrease</p>
	<p>TUBERCULOSIS DEATH RATE</p> <p>Declined from 70.6 to 32.2 43.1% Decrease</p>
	<p>LIFE EXPECTANCY AT BIRTH</p> <p>Male 65.4 years Female 70.7 years Both Sexes 68.1 years</p>
<p>* Since 1940</p>	
<p>** Since 1961</p>	

TABLE 1

**ESTIMATED POPULATION BY SEX
PHILIPPINES, 1947 - 1997**

YEAR	BOTH SEXES	MALE	FEMALE
1997	71,549,790	36,051,342	35,498,448
1996	69,951,810	35,251,544	34,700,266
1995	68,616,536	34,584,170	34,032,366
1994	68,624,247	34,476,274	34,147,973
1993	66,981,614	33,653,665	33,327,949
1992	65,338,989	32,831,066	32,507,923
1991	63,620,672	31,973,356	31,647,316
1990	62,049,229	31,183,608	30,865,621
1989	60,096,988	30,182,591	29,914,397
1988	58,721,307	29,486,542	29,234,765
1987	57,356,042	28,795,983	28,560,059
1986	56,004,130	28,112,404	27,891,726
1985	54,668,332	27,437,246	27,231,086
1984	53,192,708	26,699,705	26,493,003
1983	51,399,565	26,091,773	25,307,792
1982	51,357,151	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	39,039,700	19,434,000	19,605,700
1971	37,959,000	18,888,000	19,071,000
1970	36,849,000	18,318,000	18,531,000
1969	37,158,000	18,741,000	18,417,000
1968	35,883,000	18,098,000	17,785,000
1967	35,196,000	17,480,000	17,716,000
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	20,285,800	10,154,300	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

ESTIMATED POPULATION Philippines 1947-1997

No. in millions

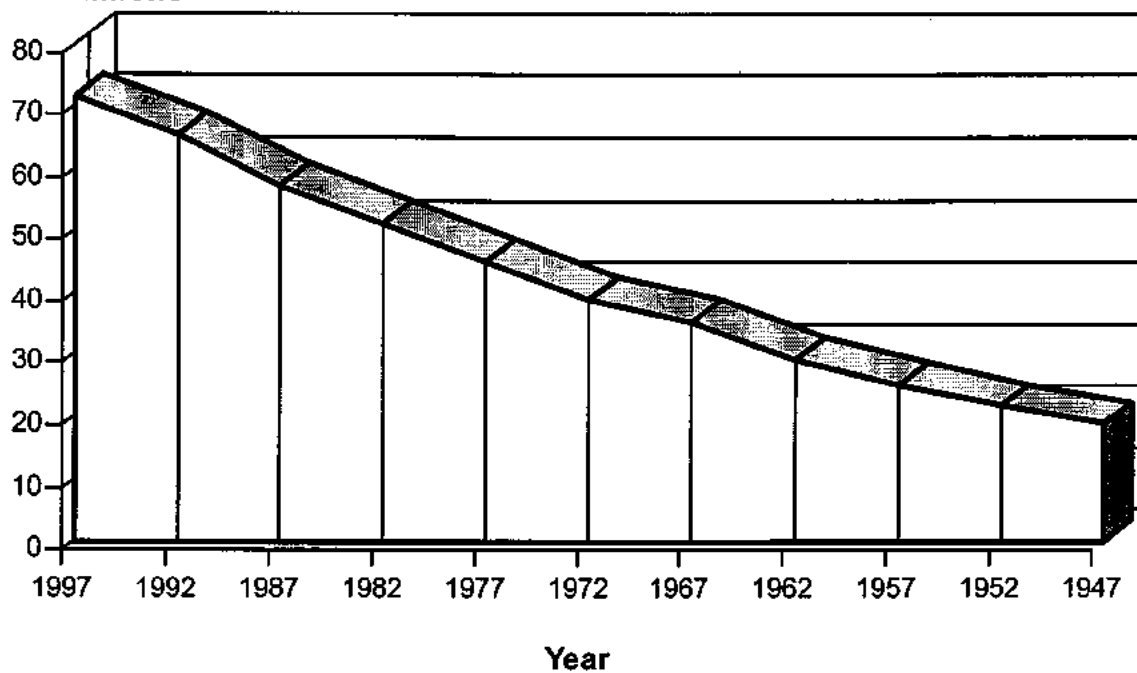


Fig. 2

Table 2

**Estimated Population
By Health Region, Province & City
Philippines
1997**

Area	Population	Area	Population
PHILIPPINES	71,605,740	Region 3	7,225,118
National Capital Region	9,807,986	Bataan	513,295
Malabon	362,442	Bulacan	1,873,029
Pateros	55,602	Nueva Ecija	1,220,296
San Juan	120,672	Pampanga	1,468,973
Taguig	426,245	Tarlac	980,417
		Zambales	406,322
Kalookan City	1,088,770	Angeles City	241,528
Las Piñas	467,792	Cabanatuan City	209,668
Makati City	486,097	Olangapo City	181,359
Mandaluyong City	289,620	Palayan City	29,073
Manila City	1,615,006	San Jose City	101,158
Marikina City	377,038		
Muntinlupa City	443,429	Region 4	10,484,379
Navotas City	236,839	Aurora	168,249
Parañaque City	414,903	Batangas	1,304,383
Pasay City	412,740	Cavite	1,559,793
Pasig City	494,744	Laguna	1,537,299
Quezon City	2,047,664	Marinduque	203,533
Valenzuela City	468,383	Mindoro Occidental	355,188
C.A.R.	1,311,043	Mindoro Oriental	633,672
Abra	201,051	Palawan	539,140
Apayao	87,254	Quezon	1,413,136
Benguet	323,699	Rizal	1,453,988
Ifugao	156,218	Romblon	252,814
Kalinga	160,467	Batangas City	219,020
Mt. Province	135,096	Cavite City	91,535
Baguio City	247,258	Lipa City	183,749
Region 1	3,939,684	Lucena City	187,535
Ilocos Norte	404,185	Puerto Princessa City	139,578
Ilocos Sur	560,569	San Pablo City	190,128
La Union	621,096	Tagaytay City	30,405
Pangasinan	1,994,013	Trece Martires City	21,234
		Region 5	4,493,762
Dagupan City	129,906	Albay	894,488
Laoag City	90,914	Camarines Norte	462,223
San Carlos City	139,001	Camarines Sur	1,281,090
Region 2	2,641,245	Catanduanes	212,230
Batanes	14,490	Masbate	668,026
Cagayan	926,195	Sorsogon	608,731
Isabela	1,108,863	Iriga City	84,013
Nueva Vizcaya	349,549	Legaspi City	149,564
Quirino	138,484	Naga City	133,397
		Region 6	5,989,495
Santiago City	103,664	Aklan	424,564

Table 2

**Estimated Population
By Health Region, Province & City
Philippines
1997**

Area	Population	Area	Population
Antique	446,826	Dipolog City	95,866
Capiz	520,357	Pagadian City	133,894
Guimaras	130,961	Zamboanga City	546,349
Iloilo	1,466,109		
Negros Occidental	1,413,351	Region 10	2,597,594
Bacolod City	424,248	Bukidnon	994,468
Bago City	138,887	Camiguin	69,822
Cadiz City	126,997	Misamis Occidental	262,644
Iloilo City	348,569	Misamis Oriental	515,273
La Carlota City	57,579		
Roxas City	125,651	Cagayan de Oro City	456,584
Sagay City	132,120	Gingoog City	88,436
San Carlos City	103,182	Oroquieta City	57,577
Silay City	130,094	Ozamis City	105,845
		Tangub City	46,945
Region 7	5,222,543	Region 11	4,847,189
Bohol	960,173		
Cebu	1,758,581	Cotabato South	655,156
Negros Oriental	858,835	Davao Oriental	427,603
Siquijor	76,487	Davao Del Norte	1,257,596
		Davao Del Sur	694,274
Bais City	64,945	Saranggani	390,456
Carlaon City	42,973		
Cebu City	689,884	Davao City	1,062,130
Danao City	83,445	Gen. Santos City	359,974
Dumaguete City	97,573		
Lapu-Lapu City	187,014	Region 12	2,475,438
Mandawe City	202,122		
Tagbilaran City	72,227	Lanao Del Norte	458,911
Toledo City	128,284	North Cotabato	906,232
		Sultan Kudarat	548,532
Region 8	3,516,644		
		Cotabato City	153,277
Billiran	138,122	Iligan City	289,964
Leyte Del Norte	1,250,522	Marawi City	118,522
Leyte Del Sur	331,435		
Eastern Samar	375,500	A.R.M.M.	2,081,701
Northern Samar	472,361		
Western Samar	480,443	Lanao Del Sur	594,027
		Maguindanao	690,834
Calbayog City	135,023	Sulu	540,364
Ormoc City	152,036	Tawi-Tawi	256,476
Tacloban City	181,202		
Region 9	2,933,028	Caraga	2,038,891
Basilan	306,105	Agusan Del Norte	276,752
Zamboanga Del Norte	645,927	Agusan Del Sur	554,665
Zamboanga Del Sur	1,139,519	Surigao Del Norte	349,292
		Surigao Del Sur	490,591
Dapitan City	65,368	Butuan City	257,454
		Surigao City	110,137

TABLE 3

**Estimated Population
No. & Percentage Distribution, By Age & Sex
Philippines
1997**

Age Group	Population			Percentage Distribution		
	Male	Female	Both Sexes	Male	Female	Both Sexes
All Ages	36,051,342	35,498,448	71,549,790	50.4	49.6	100.0
Under 1 yr.	1,007,719	943,495	1,951,214	1.4	1.3	2.7
1 - 4 yrs.	3,890,959	3,677,881	7,568,840	5.4	5.1	10.6
5 - 9 yrs.	4,602,469	4,358,013	8,960,482	6.4	6.1	12.5
10 - 14 yrs.	4,192,269	4,052,530	8,244,799	5.9	5.7	11.5
15 - 19 yrs.	3,774,185	3,708,794	7,482,979	5.3	5.2	10.5
20 - 24 yrs.	3,359,916	3,339,230	6,699,146	4.7	4.7	9.4
25 - 29 yrs.	2,963,907	2,960,981	5,924,888	4.1	4.1	8.3
30 - 34 yrs.	2,585,627	2,571,687	5,157,314	3.6	3.6	7.2
35 - 39 yrs.	2,220,868	2,196,902	4,417,770	3.1	3.1	6.2
40 - 44 yrs.	1,858,943	1,831,524	3,690,467	2.6	2.6	5.2
45 - 49 yrs.	1,523,783	1,503,256	3,027,039	2.1	2.1	4.2
50 - 54 yrs.	1,206,329	1,206,643	2,412,972	1.7	1.7	3.4
55 - 59 yrs.	933,795	954,603	1,888,398	1.3	1.3	2.6
60 - 64 yrs.	706,266	745,104	1,451,370	1.0	1.0	2.0
65 - 69 yrs.	516,101	573,293	1,089,394	0.7	0.8	1.5
70 yrs. & Over	708,206	874,512	1,582,718	1.0	1.2	2.2

ESTIMATED POPULATION

Percentage Distribution, By Age & Sex

Philippines, 1997

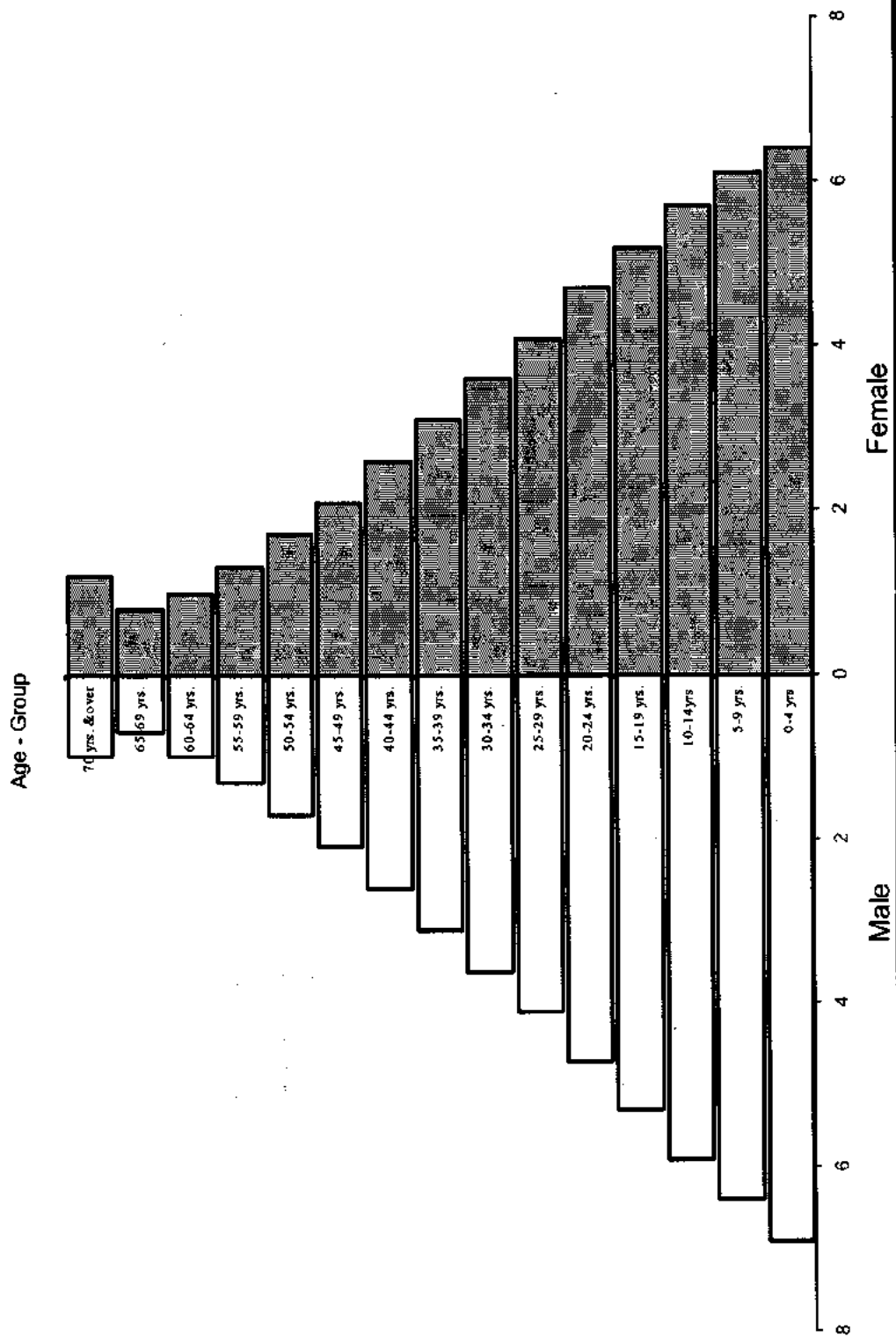


Fig. 3

TABLE 4

**LIVEBIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR
MATERNAL DEATHS & FETAL DEATHS**

**No. & Rate
PHILIPPINES, 1950 - 1997**

YEAR	BIRTHS		DEATHS		DEATHS UNDER 1 YR.		MATERNAL DEATHS		FETAL DEATHS	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate**	Number	Rate**
1997	1,653,236	23.1	339,400	4.7	28,061	17.0	1,513	0.9	9,706	5.9
1996	1,608,468	23.0	344,363	4.9	30,550	19.0	1,557	1.0	9,693	6.0
1995	1,645,043	24.0	324,737	4.7	30,631	18.6	1,488	0.9	9,731	5.9
1994	1,643,707	24.0	321,440	4.7	31,073	18.9	1,791	1.1	9,291	5.7
1993	1,680,896	25.1	318,546	4.8	34,673	20.6	1,548	0.9	9,338	5.6
1992	1,684,395	25.8	319,575	4.9	36,814	21.9	1,394	0.8	8,631	5.1
1991	1,643,296	25.8	298,063	4.7	34,332	20.9	1,144	0.7	10,776	6.6
1990	1,631,069	26.3	313,890	5.1	39,633	24.3	1,307	0.8	11,915	7.3
1989	1,565,254	26.0	325,621	5.4	43,026	27.5	1,579	1.0	11,423	7.3
1988	1,565,372	26.7	325,098	5.5	47,187	30.1	1,745	1.1	10,641	6.8
1987	1,582,469	27.6	335,254	5.8	50,803	32.1	1,611	1.0	10,515	6.6
1986	1,493,995	26.7	326,749	5.8	52,263	35.0	1,573	1.1	8,400	5.6
1985	1,437,157	26.3	334,663	6.1	54,613	38.0	1,489	1.0	8,948	6.2
1984	1,478,205	27.8	313,359	5.9	56,897	38.5	1,379	0.9	11,884	8.0
1983	1,506,356	29.3	327,260	6.4	64,267	42.7	1,502	1.0	14,780	9.8
1982	1,474,491	28.7	308,758	6.0	61,655	41.8	1,425	1.0	13,465	9.1
1981	1,461,204	29.5	301,117	6.1	64,415	44.1	1,542	1.1	13,343	9.1
1980	1,456,860	30.2	298,006	6.2	65,700	45.1	1,607	1.1	13,965	9.6
1979	1,429,814	30.7	206,427	4.4	71,772	50.2	1,635	1.1	14,586	10.2
1978	1,387,588	30.5	297,034	6.5	73,640	53.1	1,734	1.2	14,365	10.4
1977	1,344,836	29.9	308,904	6.9	76,330	56.8	1,909	1.4	14,589	10.8
1976	1,314,860	30.1	299,861	6.9	74,792	56.9	1,862	1.4	14,865	11.3
1975	1,223,837	28.8	271,136	6.4	65,263	53.3	1,753	1.4	13,764	11.2
1974	1,081,073	26.1	283,975	6.8	63,491	58.7	1,690	1.6	13,451	12.4
1973	1,049,290	26.1	283,475	7.0	67,881	64.7	1,488	1.4	10,808	10.3
1972	968,385	24.8	285,761	7.3	65,719	67.9	1,379	1.4	13,577	14.0
1971	963,749	25.4	250,139	6.6	59,730	62.0	1,261	1.3	12,969	13.5
1970	1,008,504	27.4	248,251	6.7	59,774	59.3	1,950	1.9	7,384	7.3
1969	1,015,784	27.3	255,785	6.9	65,142	64.1	2,047	2.0	7,290	7.2
1968	961,646	26.8	253,841	7.1	62,994	65.5	1,979	2.1	6,855	7.1
1967	911,872	25.9	241,548	6.9	59,448	65.2	1,822	2.0	7,468	8.2
1966	908,826	27.1	240,865	7.2	59,810	65.8	1,829	2.0	6,166	6.8
1965	871,715	27.0	241,305	7.5	59,733	68.5	1,757	2.0	6,143	7.0
1964	880,871	28.2	214,904	6.9	54,174	61.5	1,031	1.2	6,696	7.6
1963	851,459	28.2	215,743	7.1	56,700	66.6	1,783	2.1	7,026	8.3
1962	832,204	28.4	213,439	7.3	56,365	67.7	1,944	2.3	7,424	8.9
1961	782,857	27.7	213,587	7.5	56,663	72.4	2,023	2.6	8,800	11.2
1960	810,904	29.6	212,688	7.8	59,301	73.1	1,981	2.4	10,262	12.7
1959	809,086	30.0	197,423	7.3	58,610	72.4	2,114	2.6	10,167	12.6
1958	766,562	29.4	218,186	8.4	61,335	80.0	2,235	2.9	9,012	11.8
1957	748,331	29.6	241,469	9.5	69,592	93.0	1,963	2.6	8,967	12.0
1956	757,794	30.9	219,719	9.0	63,583	83.9	2,241	3.0	***	0.0
1955	734,761	30.9	219,798	9.3	61,958	84.3	2,339	3.2	***	0.0
1954	702,662	30.5	217,650	9.5	66,175	94.2	2,214	3.2	***	0.0
1953	661,939	29.7	239,988	10.8	69,729	105.3	2,397	3.6	***	0.0
1952	648,725	30.0	241,020	11.1	65,883	101.6	2,511	3.9	***	0.0
1951	637,264	30.4	237,937	11.4	67,209	105.5	2,645	4.2	***	0.0
1950	642,472	31.7	226,505	11.2	65,273	101.6	2,406	3.7	***	0.0

* Per 1000 Population

** Per 1000 Livebirths

*** No Data Available

CRUDE BIRTH AND DEATH RATES

Rate per 1,000 Population

Philippines, 1950-1997

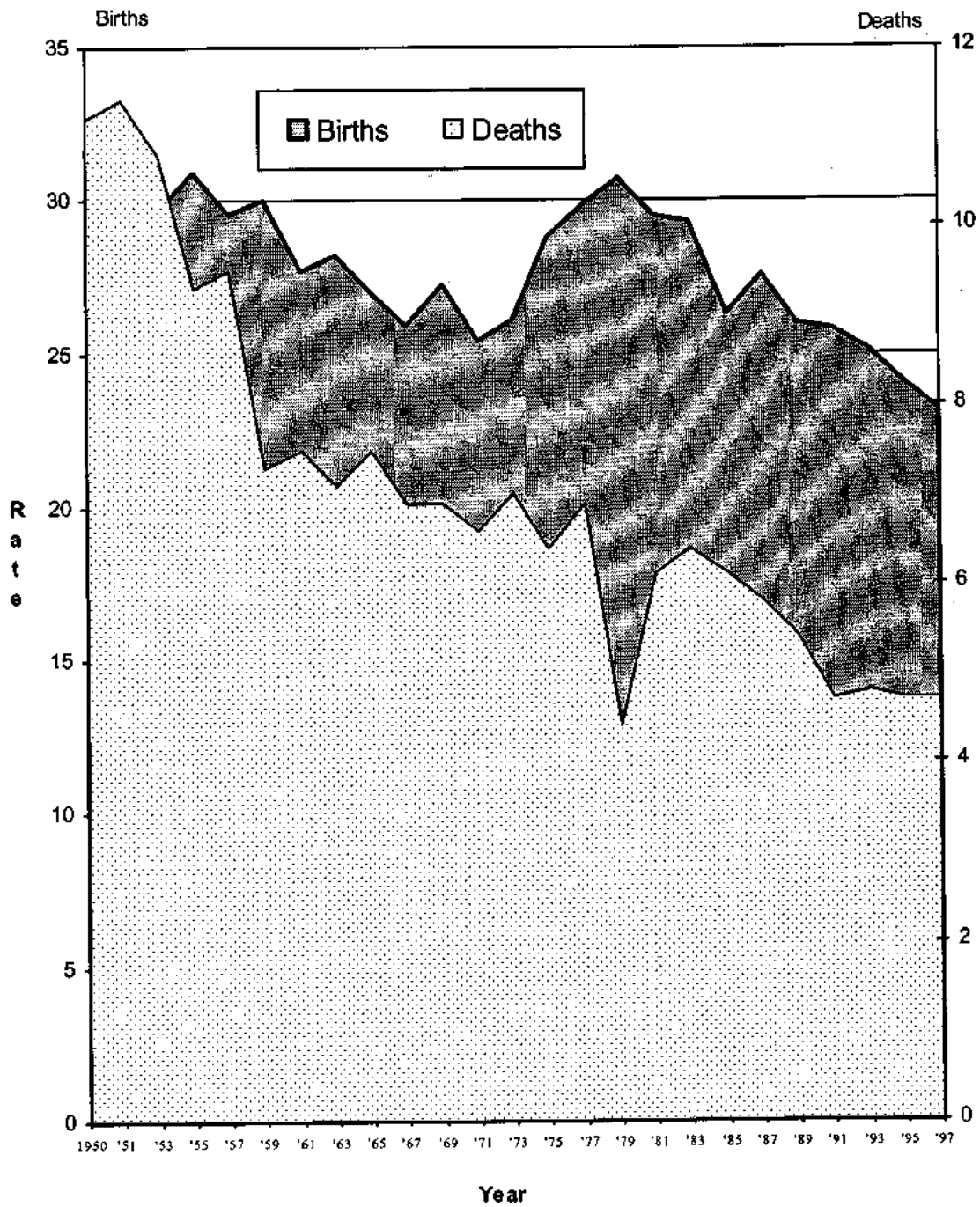


Fig.4

INFANT AND MATERNAL DEATHS

Rate per 1,000 Population
Philippines, 1950-1997

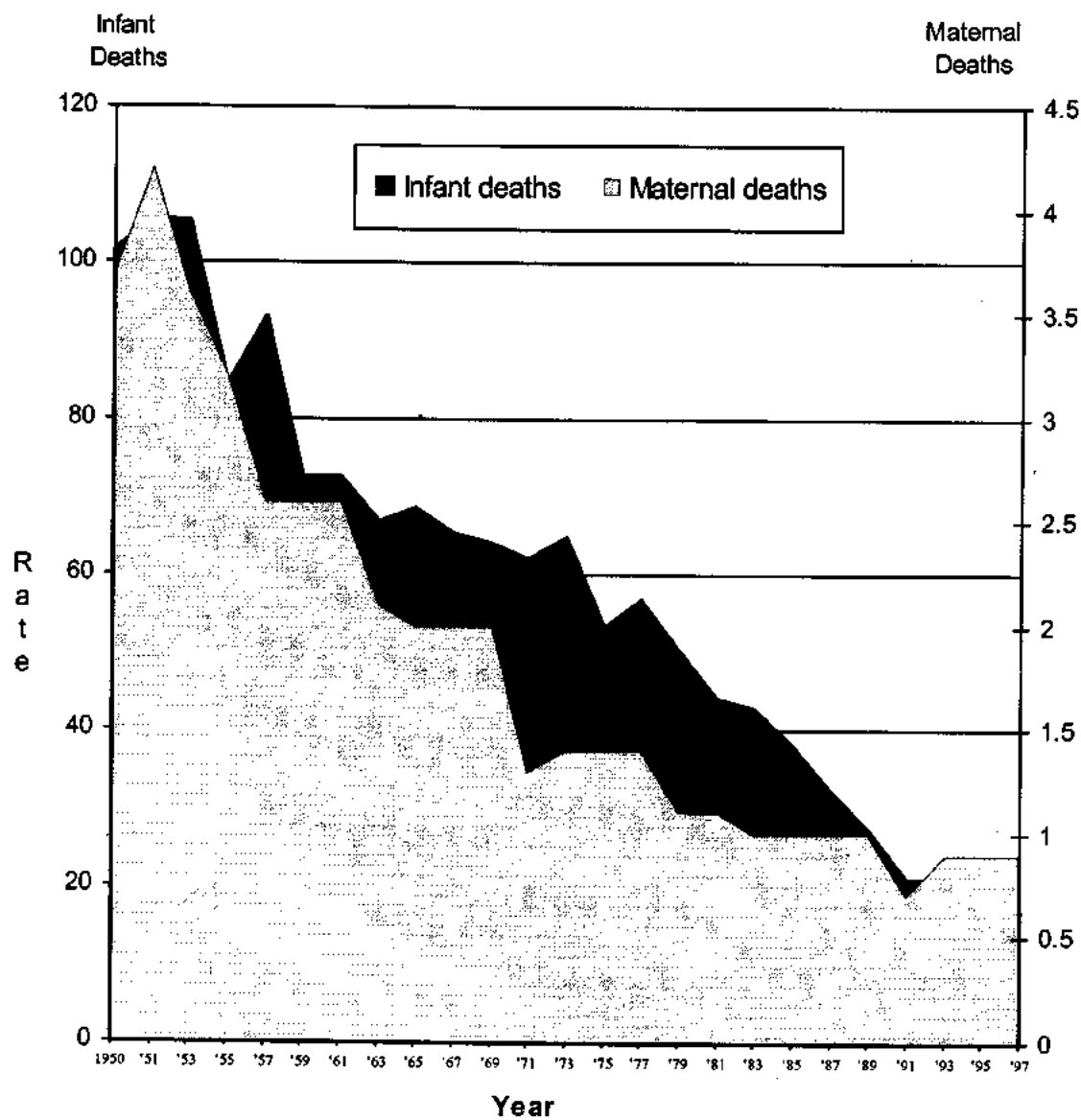


Fig.5

TABLE 5

**Livebirths, Total Deaths and Infant, Fetal & Maternal Deaths
By Health Region, Province & City**

**No. & Rate
Philippines
1997**

Area	Births		Total Deaths		Deaths Under 1 Yr.		Fetal Deaths		Maternal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
PHILIPPINES	1,653,236	23.1	339,400	4.7	28,061	17.0	9,706	5.9	1,521	0.9
NAT. CAP. REGION	303,513	30.9	58,746	6.0	6,698	22.1	1,871	6.2	180	0.6
CITY OF MANILA	52,979	32.8	19,175	11.9	1,579	29.8	225	4.2	23	0.4
MANILA, 2ND DISTRICT	3,329	5.5	717	1.2	58	17.4	16	4.8	0	0.0
MANDALUYONG	7,872	27.2	1,773	6.1	179	22.7	74	9.4	4	0.5
PASIG CITY	15,872	32.1	2,933	5.9	302	19.0	133	8.4	10	0.6
QUEZON CITY	67,460	32.9	13,960	6.8	1,084	16.1	259	3.8	38	0.6
MARIKINA CITY	10,461	27.7	1,793	4.8	223	21.3	87	8.3	11	1.1
MANILA, 3RD DISTRICT	32,626	30.6	3,707	3.5	833	25.5	232	7.1	29	0.9
KALOOKAN CITY	34,987	32.1	4,212	3.9	739	21.1	177	5.1	17	0.5
MANILA, 4TH DISTRICT	52,600	39.7	6,324	4.8	1,178	22.4	481	9.1	36	0.7
MAKATI CITY	14,716	30.3	2,382	4.9	255	17.3	108	7.3	8	0.5
PASAY CITY	10,611	25.7	1,770	4.3	268	25.3	79	7.4	4	0.4
C.A.R.	29,093	22.2	4,569	3.5	372	12.8	121	4.2	19	0.7
ABRA	3,804	18.9	1,017	5.1	82	21.6	0	0.0	2	0.5
APAYAO	1,785	20.5	193	2.2	24	13.4	0	0.0	2	1.1
BENGUET	7,701	23.8	953	2.9	81	10.5	57	7.4	5	0.6
IFUGAO	3,080	19.7	449	2.9	35	11.4	3	1.0	2	0.6
KALINGA	2,714	16.9	277	1.7	8	2.9	6	2.2	2	0.7
MT. PROVINCE	2,839	21.0	454	3.4	41	14.4	13	4.6	4	1.4
BAGUIO CITY	7,170	29.0	1,226	5.0	101	14.1	42	5.9	2	0.3
REGION 1	96,494	24.5	25,532	6.5	1,941	20.1	568	5.9	68	0.7
ILOCOS NORTE	8,538	21.1	2,702	6.7	190	22.3	78	9.1	1	0.1
ILOCOS SUR	11,998	21.5	3,819	6.8	205	17.1	49	4.1	12	1.0
LA UNION	15,021	24.2	4,159	6.7	276	18.4	111	7.4	14	0.9
PANGASINAN	51,422	25.8	11,250	5.6	1,044	20.3	259	5.0	35	0.7
DAGUPAN CITY	4,416	34.0	1,798	13.8	109	24.7	35	7.9	2	0.5
LAOAG CITY	1,910	21.0	813	8.9	37	19.4	23	12.0	1	0.5
SAN CARLOS CITY	3,189	22.9	991	7.1	80	25.1	13	4.1	3	0.9
REGION 2	57,287	21.7	11,265	4.3	813	14.2	148	2.6	53	0.9
BATANES	374	25.8	93	6.4	10	26.7	1	2.7	-	0.0
CAGAYAN	21,673	23.4	4,995	5.4	348	16.1	55	2.5	24	1.1

TABLE 5

**Livebirths, Total Deaths and Infant, Fetal & Maternal Deaths
By Health Region, Province & City
No. & Rate
Philippines
1997**

Area	Births		Total Deaths		Deaths Under 1 Yr.		Fetal Deaths		Maternal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
ISABELA	22,652	20.4	3,432	3.1	259	11.4	38	1.7	17	0.8
NUEVA VIZCAYA	7,481	21.4	1,496	4.3	87	11.6	27	3.6	6	0.8
QUIRINO	2,981	21.5	516	3.7	42	14.1	3	1.0	4	1.3
SANTIAGO CITY	2,126	20.5	733	7.1	67	31.5	24	11.3	2	0.9
REGION 3	188,379	26.1	36,484	5.1	2,625	13.9	886	4.7	130	0.7
BATAAN	13,576	26.4	2,455	4.8	181	13.3	103	7.6	12	0.9
BULACAN	49,962	26.7	9,789	5.2	1,013	20.3	384	7.7	42	0.8
NUEVA ECIJA	26,793	22.0	5,302	4.3	318	11.9	49	1.8	16	0.6
PAMPANGA	39,981	27.3	6,108	4.2	307	7.7	45	1.1	19	0.5
TARLAC	26,509	27.0	5,522	5.6	367	13.8	120	4.5	10	0.4
ZAMBALES	10,244	25.2	2,224	5.5	136	13.3	52	5.1	16	1.6
ANGELES CITY	8,150	33.7	1,490	6.2	82	10.1	34	4.2	5	0.6
CABANATUAN CITY	4,802	22.9	1,850	8.8	79	16.5	21	4.4	3	0.6
OLONGAPO CITY	5,341	29.4	1,052	5.8	88	16.5	45	8.4	2	0.4
PALAYAN CITY	684	23.5	98	3.4	6	8.8	0	0.0	1	1.5
SAN JOSE CITY	2,337	23.1	594	5.9	48	20.5	33	14.1	4	1.7
REGION 4	271,711	25.9	49,638	4.7	4,893	18.0	2,207	8.1	206	0.8
AURORA	4,071	24.2	656	3.9	66	16.2	3	0.7	5	1.2
BATANGAS	35,137	27.0	6,703	5.1	506	14.4	301	8.6	17	0.5
CAVITE	42,233	27.1	6,710	4.3	813	19.3	319	7.6	25	0.6
LAGUNA	43,227	28.2	7,209	4.7	671	15.5	399	9.2	15	0.3
MARINDUQUE	5,720	28.1	1,416	7.0	151	26.4	87	15.2	5	0.9
MINDORO OCC.	7,315	20.7	1,196	3.4	113	15.4	30	4.1	11	1.5
MINDORO OR.	13,930	22.0	2,698	4.3	254	18.2	164	11.8	19	1.4
PALAWAN	9,327	17.4	1,225	2.3	126	13.5	22	2.4	9	1.0
QUEZON	33,357	23.6	7,310	5.2	774	23.2	345	10.3	33	1.0
RIZAL	41,834	28.8	5,583	3.8	752	18.0	197	4.7	44	1.1
ROMBLON	6,163	24.6	1,406	5.6	128	20.8	38	6.2	3	0.5
BATANGAS CITY	6,213	28.4	1,403	6.4	87	14.0	53	8.5	5	0.8
CAVITE CITY	2,573	28.1	685	7.5	46	17.9	34	13.2	1	0.4
LIPA CITY	5,813	31.6	1,308	7.1	90	15.5	57	9.8	5	0.9
LUCENA CITY	4,841	25.8	1,511	8.1	126	26.0	72	14.9	1	0.2
PUERTO PRINCESA CITY	2,788	20.0	640	4.6	61	21.9	0	0.0	5	1.8
SAN PABLO CITY	5,260	27.7	1,427	7.5	94	17.9	61	11.6	2	0.4
TAGAYTAY CITY	867	28.5	122	4.0	14	16.1	14	16.1	-	0.0
TRECE MARTIRES CITY	1,042	49.1	430	20.3	21	20.2	11	10.6	1	1.0

TABLE 5

**Livebirths, Total Deaths and Infant, Fetal & Maternal Deaths
By Health Region, Province & City
No. & Rate
Philippines
1997**

Area	Births		Total Deaths		Deaths Under 1 Yr.		Fetal Deaths		Maternal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
REGION 5	107,853	24.0	22,005	4.9	1,784	16.5	670	6.2	175	1.6
ALBAY	24,022	26.9	4,655	5.2	346	14.4	193	8.0	41	1.7
CAMARINES NORTE	10,654	23.0	2,486	5.4	310	29.1	137	12.9	16	1.5
CAMARINES SUR	31,752	24.8	4,783	3.7	431	13.6	133	4.2	47	1.5
CATANDUANES	5,449	25.9	1,233	5.9	105	19.3	59	10.8	8	1.5
MASBATE	9,734	14.6	2,176	3.3	188	19.3	4	0.4	15	1.5
SORSOGON	15,530	25.6	3,503	5.8	253	16.3	58	3.7	36	2.3
IRIGA CITY	2,414	28.7	527	6.3	31	12.8	28	11.6	5	2.1
LEGASPI CITY	3,809	25.5	1,113	7.4	70	18.4	33	8.7	3	0.8
NAGA CITY	4,489	33.7	1,529	11.5	50	11.1	25	5.6	4	0.9
REGION 6	112,201	18.7	33,827	5.7	2,255	20.1	709	6.3	107	1.0
AKLAN	8,598	20.3	2,702	6.4	157	18.3	56	6.5	8	0.9
ANTIQUE	8,912	19.9	2,861	6.4	207	23.2	57	6.4	11	1.2
CAPIZ	9,126	17.5	2,553	4.9	217	23.8	46	5.0	16	1.8
ILOILO	27,400	209.2	7,835	59.8	643	23.5	177	6.5	20	0.7
NEGROS OCC.	24,441	16.7	5,433	3.7	461	18.9	155	6.3	31	1.3
GUIMARAS	2,511	1.8	481	0.3	14	5.6	2	0.8	2	0.8
BACOLOD CITY	6,387	15.1	3,860	9.1	149	23.3	59	9.2	5	0.8
BAGO CITY	1,941	14.0	590	4.2	41	21.1	16	8.2	1	0.5
CADIZ CITY	2,831	22.3	555	4.4	34	12.0	20	7.1	4	1.4
ILOILO CITY	8,336	23.9	3,623	10.4	159	19.1	42	5.0	1	0.1
LA CARLOTA CITY	920	16.0	286	5.0	29	31.5	3	3.3	-	0.0
ROXAS CITY	3,142	25.0	1,087	8.7	48	15.3	22	7.0	2	0.6
SAGAY CITY	2,301	17.4	473	3.6	29	12.6	10	4.3	4	1.7
SAN CARLOS CITY	2,950	28.6	625	6.1	31	10.5	11	3.7	1	0.3
SILAY CITY	2,405	18.5	863	6.6	36	15.0	33	13.7	1	0.4
REGION 7	139,330	26.7	29,249	5.6	2,449	17.6	992	7.1	127	0.9
BOHOL	22,333	23.3	5,097	5.3	454	20.3	154	6.9	28	1.3
CEBU	47,024	26.8	8,962	5.1	899	19.1	361	7.7	47	1.0
NEGROS OR.	18,384	21.5	2,623	3.1	229	12.5	33	1.8	16	0.9
SIQUIJOR	1,570	20.5	607	7.9	19	12.1	11	7.0	3	1.9
BAIS CITY	1,144	17.6	279	4.3	14	12.2	1	0.9	3	2.6
CANLAON CITY	889	20.7	247	5.7	39	43.9	12	13.5	1	1.1
CEBU CITY	22,227	32.2	6,553	9.5	390	17.5	201	9.0	8	0.4

TABLE 5

**Livebirths, Total Deaths and Infant, Fetal & Maternal Deaths
By Health Region, Province & City
No. & Rate
Philippines
1997**

Area	Births		Total Deaths		Deaths Under 1 Yr.		Fetal Deaths		Maternal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
DANAO CITY	2,875	34.5	388	4.6	47	16.3	42	14.6	4	1.4
DUMAGUETE CITY	2,315	23.7	1,257	12.9	35	15.1	9	3.9	-	0.0
LAPU-LAPU CITY	7,411	39.6	972	5.2	133	17.9	93	12.5	5	0.7
MANDAWE CITY	7,845	38.8	765	3.8	121	15.4	55	7.0	8	1.0
TAGBILARAN CITY	1,788	24.8	871	12.1	12	6.7	13	7.3	1	0.6
TOLEDO CITY	3,525	27.5	628	4.9	57	16.2	7	2.0	3	0.9
REGION 8	57,325	16.3	15,622	4.4	1,034	18.0	186	3.2	124	2.2
LEYTE DEL NORTE	24,086	174.4	5,115	37.0	343	14.2	60	2.5	38	1.6
LEYTE DEL SUR	7,101	5.7	2,108	1.7	151	21.3	76	10.7	7	1.0
EASTERN SAMAR	4,068	12.3	864	2.6	24	5.9	2	0.5	7	1.7
NORTHERN SAMAR	6,211	16.5	2,860	7.6	241	38.8	9	1.4	39	6.3
WESTERN SAMAR	3,556	7.5	1,035	2.2	38	10.7	7	2.0	9	2.5
BILIRAN	2,683	5.6	635	1.3	68	25.3	12	4.5	7	2.6
CALBAYOG CITY	1,886	14.0	562	4.2	25	13.3	3	1.6	5	2.7
ORMOC CITY	3,697	24.3	860	5.7	50	13.5	8	2.2	7	1.9
TACLOBAN CITY	4,037	22.3	1,583	8.7	94	23.3	9	2.2	5	1.2
REGION 9	53,149	18.1	8,669	3.0	643	12.1	219	4.1	60	1.1
BASILAN	1,702	5.6	525	1.7	28	16.5	8	4.7	2	1.2
ZAMBO. DEL NORTE	11,278	17.5	1,576	2.4	132	11.7	25	2.2	15	1.3
ZAMBO. DEL SUR	20,303	17.8	2,622	2.3	165	8.1	69	3.4	28	1.4
DAPITAN CITY	1,616	24.7	395	6.0	27	16.7	14	8.7	1	0.6
DIPOLOG CITY	2,337	24.4	615	6.4	43	18.4	14	6.0	5	2.1
PAGADIAN CITY	3,235	24.2	561	4.2	18	5.6	6	1.9	1	0.3
ZAMBOANGA CITY	12,678	23.2	2,375	4.3	230	18.1	83	6.5	8	0.6
REGION 10	56,970	22.0	10,236	3.9	676	11.9	311	5.5	53	0.9
BUKIDNON	19,041	19.1	2,054	2.1	132	6.9	72	3.8	12	0.6
CAMIGUIN	1,718	24.6	390	5.6	21	12.2	2	1.2	4	2.3
MISAMIS OCC.	5,300	20.3	1,143	4.4	74	14.0	15	2.8	6	1.1
MISAMIS OR.	11,529	22.5	1,911	3.7	120	10.4	66	5.7	16	1.4
CAGAYAN DE ORO	12,421		2,586	5.7	188	15.1	83	6.7	4	0.3
GINGOOG CITY	2,555	28.9	498	5.6	48	18.8	29	11.4	6	2.3
OROQUIETA CITY	1,256	21.8	544	9.4	26	20.7	6	4.8	1	0.8
OZAMIS CITY	2,050	19.4	815	7.7	52	25.4	33	16.1	4	2.0
TANGUB CITY	1,100	23.4	295	6.3	15	13.6	5	4.5	-	0.0

TABLE 5

**Livebirths, Total Deaths and Infant, Fetal & Maternal Deaths
By Health Region, Province & City
No. & Rate
Philippines
1997**

Area	Births		Total Deaths		Deaths Under 1 Yr.		Fetal Deaths		Maternal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
REGION 11	94,871	19.6	18,162	3.7	990	10.4	460	4.8	110	1.2
COTABATO SOUTH	10,441	16.0	2,386	3.7	109	10.4	49	4.7	22	2.1
DAVAO ORIENTAL	7,113	16.6	1,264	3.0	66	9.3	20	2.8	12	1.7
DAVAO DEL NORTE	25,384	20.2	4,230	3.4	288	11.3	150	5.9	23	0.9
DAVAO DEL SUR	12,148	17.5	2,490	3.6	108	8.9	61	5.0	16	1.3
SARANGANI	5,629	14.4	585	1.5	43	7.6	5	0.9	2	0.4
DAVAO CITY	25,215	23.7	5,569	5.2	256	10.2	114	4.5	25	1.0
GEN. SANTOS CITY	8,941	24.8	1,638	4.6	120	13.4	61	6.8	10	1.1
REGION 12	42,230	17.1	7,342	3.0	351	8.3	166	3.9	41	1.0
LANAO DEL NORTE	7,684	16.7	1,069	2.3	63	8.2	35	4.6	12	1.6
NORTH COTABATO	16,180	17.9	2,289	2.5	78	4.8	21	1.3	9	0.6
SULTAN KUDARAT	7,746	14.1	1,499	2.7	67	8.6	20	2.6	9	1.2
COTABATO CITY	2,670	17.4	796	5.2	27	10.1	6	2.2	3	1.1
ILIGAN CITY	6,856	23.6	1,499	5.2	116	16.9	82	12.0	8	1.2
MARAWI CITY	1,094	9.2	190	1.6	0	0.0	2	1.8	-	0.0
A.R.M.M.	6,704	3.2	1,013	0.5	34	5.1	7	1.0	7	1.0
LANAO DEL SUR	1,490	2.5	311	0.5	9	6.0	0	0.0	5	3.4
MAGUINDANAO	3,039	4.4	354	0.5	17	5.6	0	0.0	2	0.7
SULU	1,598	3.0	267	0.5	7	4.4	4	2.5	-	0.0
TAWI-TAWI	577	2.2	81	0.3	1	1.7	3	5.2	-	0.0
CARAGA REGION	35,960	17.7	7,041	3.5	437	12.2	161	4.5	61	1.7
AGUSAN DEL NORTE	5,312	19.2	844	3.0	68	12.8	20	3.8	9	1.7
AGUSAN DEL SUR	8,908	16.1	1,010	1.8	37	4.2	15	1.7	6	0.7
SURIGAO DEL NORTE	5,040	14.5	1,160	3.3	91	18.1	15	3.0	13	2.6
SURIGAO DEL SUR	8,502	17.4	1,776	3.6	122	14.3	43	5.1	15	1.8
BUTUAN CITY	5,843	22.7	1,489	5.8	84	14.4	55	9.4	12	2.1
SURIGAO CITY	2,355	21.4	762	6.9	35	14.9	13	5.5	6	2.5
FOREIGN COUNTRIES/NOT STATED	166		0		66	397.6	24	144.6		

TABLE 6

Livebirths, Deaths, Infant & Fetal Deaths
By Month of Occurrence
No. & Percent Distribution
Philippines
1997

Month	Births		Deaths		Infant Deaths		Fetal Deaths	
	Number	%	Number	%	Number	%	Number	%
January	139,186	8.4	32,583	9.6	2,633	9.4	932	9.6
February	114,183	6.9	25,861	7.6	2,137	7.6	795	8.2
March	130,415	7.9	28,587	8.4	2,175	7.8	764	7.9
April	129,047	7.8	26,600	7.8	2,117	7.5	721	7.4
May	136,368	8.2	27,414	8.1	2,145	7.6	766	7.9
June	127,957	7.7	26,277	7.7	2,079	7.4	793	8.2
July	127,657	7.7	30,127	8.9	2,432	8.7	824	8.5
August	136,354	8.2	31,591	9.3	2,662	9.5	859	8.9
September	155,867	9.4	27,636	8.1	2,569	9.2	888	9.1
October	163,217	9.9	28,040	8.3	2,631	9.4	880	9.1
November	146,917	8.9	27,197	8.0	2,331	8.3	822	8.5
December	146,068	8.8	27,487	8.1	2,150	7.7	640	6.6
Not Stated							22	0.2
Total	1,653,236	100.0	339,400	100.0	28,061	100.0	9,706	100.0

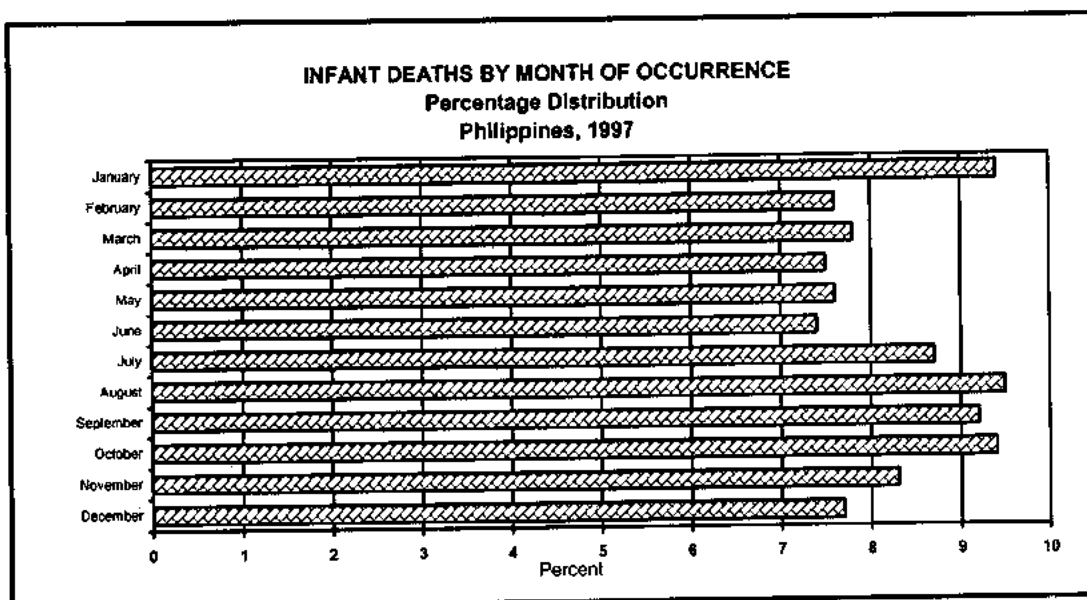
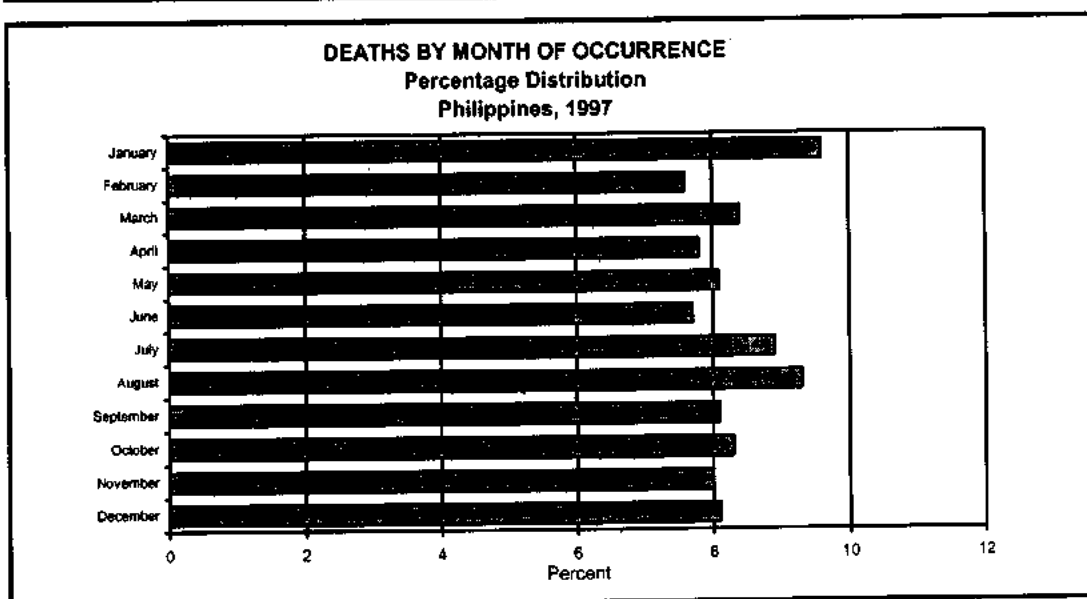
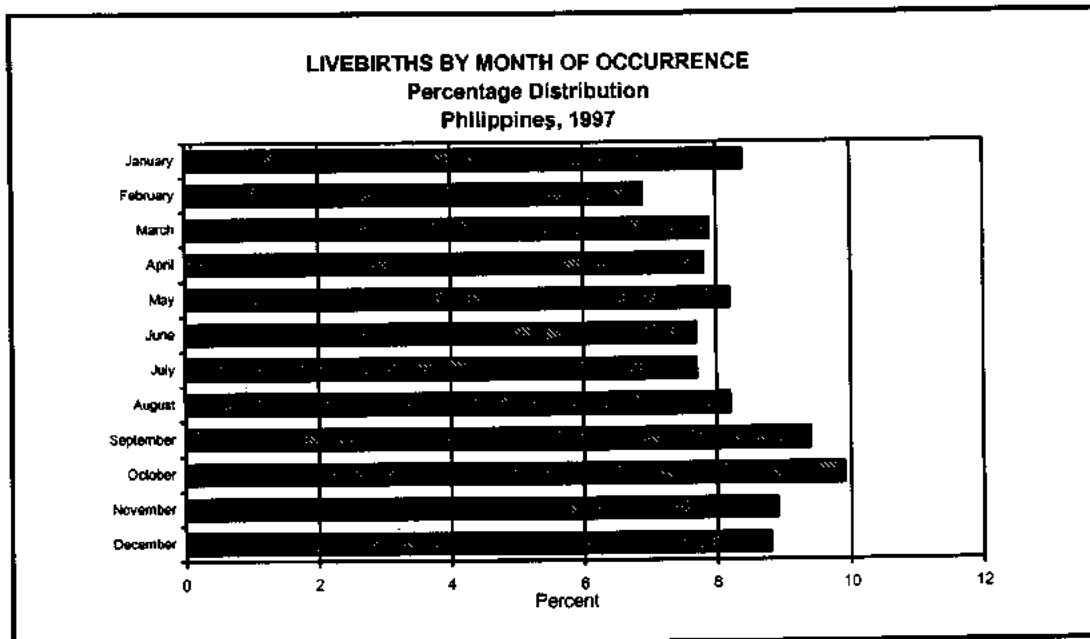


FIG. 6

TABLE 7

**Total Livebirths, Female Population (15 - 49 Years)
& Fertility Rate by Health Region
Philippines
1997**

Area	Total Livebirths	Female Population (15 - 49 Years)	Fertility Rate*
Philippines	1,653,236	18,112,379	91.28
National Capital Region	325,853	2,967,756	109.80
C. A. R.	29,376	327,705	89.64
Region 1	96,034	959,176	100.12
Region 2	57,229	641,707	89.18
Region 3	185,436	1,869,956	99.17
Region 4	253,085	2,690,607	94.06
Region 5	107,677	1,008,703	106.75
Region 6	112,163	1,434,035	78.21
Region 7	139,618	1,276,976	109.33
Region 8	57,154	772,092	74.02
Region 9	53,087	713,477	74.41
Region 10	57,033	632,326	90.20
Region 11	95,081	1,209,208	78.63
Region 12	43,093	617,115	69.83
ARMM	5,524	515,498	10.72
CARAGA	35,793	476,042	75.19
Foreign Countries	166		

Note: Total Philippines excludes births of foreign Women Nationals in the country - 166
* per 1000 livebirths

FERTILITY RATE BY HEALTH REGION PHILIPPINES 1997

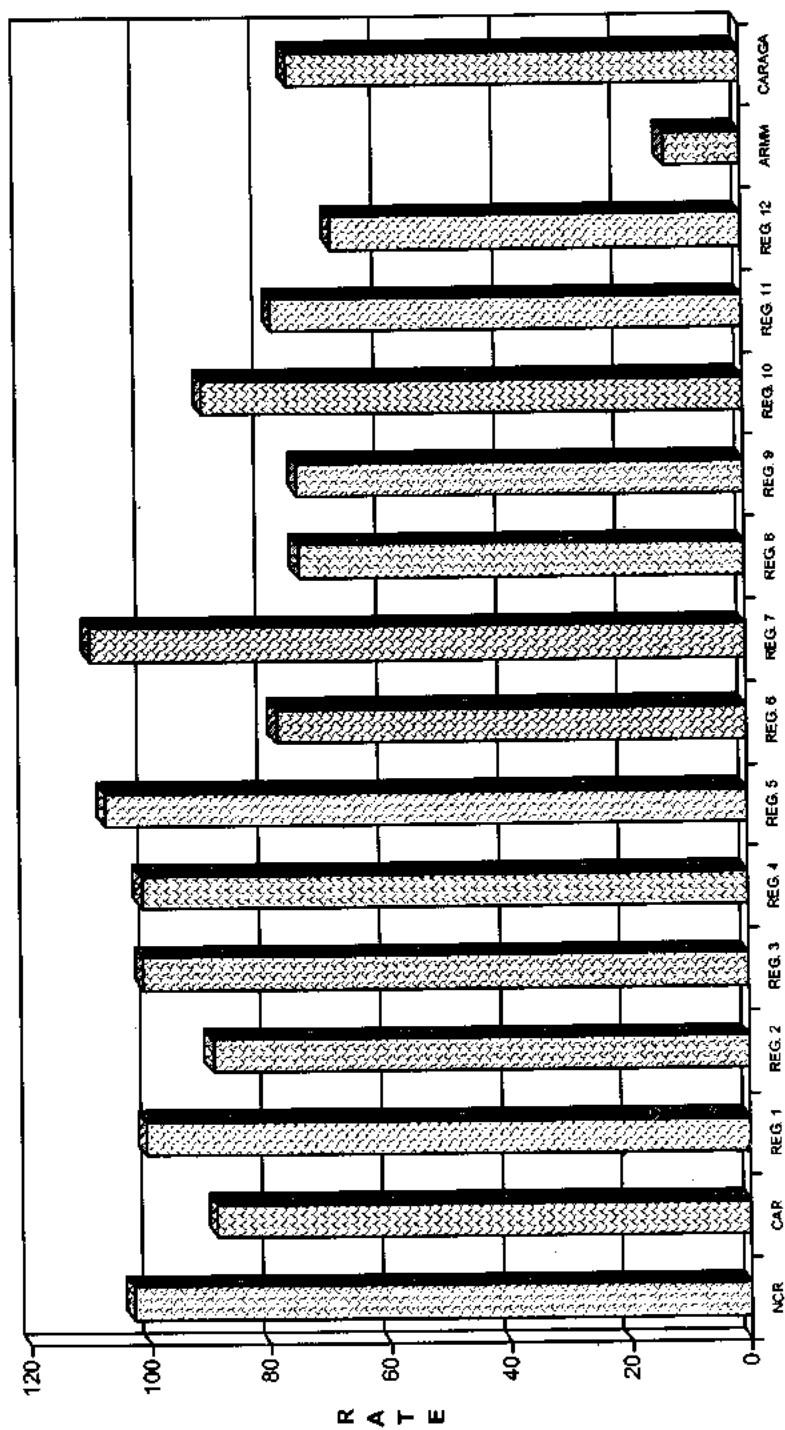


Fig.7

NATALITY STATISTICS

All birth statistics tabulated and presented in this report are based on information received by the Office of Civil Registrar General from all Local Registrars throughout the country. Births are registered where the delivery took place or where the birth occurred.

A total of 1,653,236 livebirths were reported in 1997 giving a rate of 23.1 births per 1,000 population. However, the data do not reflect the actual number of babies born per year because of underregistration.

Births by Place of Occurrence - Geographical distribution of livebirths as shown in Table 5 reveals that among the regions, the National Capital Region (NCR) comprises 18.4 % of total livebirths closely followed by Southern Tagalog Region with 16.4%. Autonomous Region for Muslim Mindanao still gets the least share of livebirths with 0.4% only.

Livebirths by Month of Occurrence - In 1997, October had the most number of livebirth occurrences with 163,217 (9.9%), followed by the months of September and November with 155,867 (9.4%) and 146,917 (8.9%) livebirths respectively, as shown in Table 6. While, February is the month where the least number of livebirths were recorded with 114,183 (6.9%) livebirths only.

Livebirths by Age of Mother - As shown in Table 11, the most number of livebirths occurred to mothers who belong to the age group 25-29 years with 486,197 (29.4%), followed by mothers with age 20-24 years with 457,966 (27.7%). The least number of livebirths occurred to mothers 50 years of age and over with 696 (0.04%).

Livebirths by Attendant of Birth - As presented in Table 10, majority of the total livebirths were attended by medical practitioners like physicians, nurses and midwife. They comprise 65% or 1,074,603 of the total 1,653,236 livebirths. But more than one-third of the total livebirths were handled by traditional midwives or "hilots". Of the 16 regions in the country, 11 regions show highest percentage of livebirths attended by traditional midwives or "hilot" among other birth attendants. These regions were 2,4,5,6,8,9,10,11,12,ARMM and Caraga. Only NCR, CAR and Region 3 have the highest percentage of livebirths attended by a physician. While majority of livebirths in Regions 1 and 7 were attended by midwives.

Birth by Sex - More male babies were born alive in 1997 than female babies. 52% of 1,653,236 livebirths were male and 48% were female. This means that for every 13 baby boys born alive, there corresponds 12 baby girls born alive.

Trend of Crude Birth Rate – The Crude Birth Rate (CBR) indicates the state of population growth in the country. The number of livebirths registered and the corresponding birth rate from 1950 to 1997 is presented in Table 4.

In 1950, the CBR was 31.7. In 1970, twenty years after, the CBR went down to 27.4. Another 20 years after (1990), it further dropped to 26.3. Since then, there was a steady decline in CBR and for 1997 it was recorded at 23.1 or an average of 27.8 in CBR from 1950 to 1997. It can also be noted that from 1950 to 1997, there is a decline of 8.6 in CBR.

General Fertility Rate – Fertility is a demographic phenomenon which is very vital for setting population trend. The fertility of a country is measured in terms of total number of livebirths per 1,000 population over female population of child-bearing age (15-49 yrs.) The 1997 fertility rate of the country is 91.3 in reference to the total population of women in the 15-49 age group which is 18,112,379.

TABLE 8

**Livebirths by Sex & Health Region, Province & City
Philippines
1997**

Area	Both Sexes	Male	Female
PHILIPPINES	1,653,236	859,814	793,422
NATIONAL CAPITAL REGION	325,853	170,117	155,736
CITY OF MANILA	112,885	59,030	53,855
MANILA, 2ND DISTRICT	5,451	2,822	2,629
MANDALUYONG	9,017	4,668	4,349
PASIG CITY	17,552	9,098	8,454
QUEZON CITY	68,238	35,599	32,639
MARIKINA CITY	11,195	5,804	5,391
MANILA, 3RD DISTRICT	19,027	10,418	8,609
KALOOKAN CITY	22,537	11,567	10,970
MANILA, 4TH DISTRICT	37,599	19,507	18,092
MAKATI CITY	13,183	6,934	6,249
PASAY CITY	9,169	4,670	4,499
C.A.R.	29,376	15,332	14,044
ABRA	3,787	1,991	1,796
APAYAO	1,688	851	837
BENGUET	6,780	3,477	3,303
IFUGAO	3,102	1,597	1,505
KALINGA	2,630	1,408	1,222
MT. PROVINCE	2,816	1,464	1,352
BAGUIO CITY	8,573	4,544	4,029
REGION 1	96,034	49,824	46,210
ILOCOS NORTE	8,295	4,308	3,987
ILOCOS SUR	11,846	6,240	5,606
LA UNION	15,323	7,873	7,450
PANGASINAN	45,319	23,415	21,904
DAGUPAN CITY	8,682	4,570	4,112
LAOAG CITY	2,214	1,168	1,046
SAN CARLOS CITY	4,355	2,250	2,105
REGION 2	57,229	29,822	27,407
BATANES	374	196	178
CAGAYAN	21,832	11,374	10,458
ISABELA	22,206	11,564	10,642

TABLE 8

**Livebirths by Sex & Health Region, Province & City
Philippines
1997**

Area	Both Sexes	Male	Female
NUEVA VIZCAYA	7,488	3,908	3,580
QUIRINO	2,869	1,505	1,364
SANTIAGO CITY	2,460	1,275	1,185
REGION 3	185,436	96,360	89,076
BATAAN	13,375	7,021	6,354
BULACAN	46,933	24,283	22,650
NUEVA ECIJA	22,315	11,522	10,793
PAMPANGA	38,175	19,854	18,321
TARLAC	26,576	13,987	12,589
ZAMBALES	10,044	5,216	4,828
ANGELES CITY	9,935	5,122	4,813
CABANATUAN CITY	9,541	4,968	4,573
OLONGAPO CITY	5,599	2,893	2,706
PALAYAN CITY	520	258	262
SAN JOSE CITY	2,423	1,236	1,187
REGION 4	253,085	131,681	121,404
AURORA	4,018	2,051	1,967
BATANGAS	32,260	16,900	15,360
CAVITE	32,944	17,102	15,842
LAGUNA	40,373	21,121	19,252
MARINDUQUE	5,683	2,940	2,743
MINDORO OCC.	7,253	3,717	3,536
MINDORO OR.	13,883	7,227	6,656
PALAWAN	9,184	4,740	4,444
QUEZON	30,686	15,988	14,698
RIZAL	31,882	16,420	15,462
ROMBLON	6,133	3,282	2,851
BATANGAS CITY	8,235	4,248	3,987
CAVITE CITY	4,065	2,130	1,935
LIPA CITY	6,052	3,171	2,881
LUCENA CITY	7,043	3,640	3,403
PUERTO PRINCESA CITY	2,890	1,506	1,384
SAN PABLO CITY	7,090	3,717	3,373
TAGAYTAY CITY	620	333	287
TRECE MARTIRES CITY	2,791	1,448	1,343

TABLE 8

**Livebirths by Sex & Health Region, Province & City
Philippines
1997**

Area	Both Sexes	Male	Female
REGION 5	107,677	55,847	51,830
ALBAY	23,241	12,118	11,123
CAMARINES NORTE	10,604	5,413	5,191
CAMARINES SUR	27,361	14,152	13,209
CATANDUANES	5,442	2,818	2,624
MASBATE	9,600	5,052	4,548
SORSOGON	15,440	7,870	7,570
IRIGA CITY	2,345	1,218	1,127
LEGASPI CITY	4,661	2,489	2,172
NAGA CITY	8,983	4,717	4,266
REGION 6	112,163	58,111	54,052
AKLAN	8,629	4,440	4,189
ANTIQUE	8,817	4,549	4,268
CAPIZ	8,229	4,174	4,055
ILOILO	24,484	12,714	11,770
NEGROS OCC.	20,992	10,850	10,142
GUIMARAS	2,233	1,205	1,028
BACOLOD CITY	9,137	4,713	4,424
BAGO CITY	1,510	765	745
CADIZ CITY	2,494	1,236	1,258
ILOILO CITY	11,746	6,194	5,552
LA CARLOTA CITY	771	404	367
ROXAS CITY	3,890	1,997	1,893
SAGAY CITY	2,146	1,119	1,027
SAN CARLOS CITY	3,167	1,679	1,488
SILAY CITY	3,918	2,072	1,846
REGION 7	139,618	72,903	66,715
BOHOL	20,253	10,508	9,745
CEBU	41,188	21,398	19,790
NEGROS OR.	16,229	8,428	7,801
SIGUIJOR	1,521	800	721
BAIS CITY	1,127	578	549
CANLAON CITY	840	421	419
CEBU CITY	32,815	17,308	15,507

TABLE 8

**Livebirths by Sex & Health Region, Province & City
Philippines
1997**

Area	Both Sexes	Male	Female
DANAO CITY	2,781	1,400	1,381
DUMAGUETE CITY	4,523	2,442	2,081
LAPU-LAPU CITY	6,611	3,430	3,181
MANDAWE CITY	4,848	2,575	2,273
TAGBILARAN CITY	3,729	1,976	1,753
TOLEDO CITY	3,153	1,639	1,514
REGION 8	57,154	29,562	27,592
LEYTE DEL NORTE	21,922	11,303	10,619
LEYTE DEL SUR	7,144	3,675	3,469
EASTERN SAMAR	3,997	2,049	1,948
NORTHERN SAMAR	6,191	3,247	2,944
WESTERN SAMAR	3,249	1,665	1,584
BILIRAN	2,674	1,366	1,308
CALBAYOG CITY	1,918	974	944
ORMOC CITY	4,159	2,168	1,991
TACLOBAN CITY	5,900	3,115	2,785
REGION 9	53,087	27,335	25,752
BASILAN	1,647	844	803
ZAMBO. DEL NORTE	10,677	5,498	5,179
ZAMBO. DEL SUR	19,726	10,241	9,485
DAPITAN CITY	1,916	1,005	911
DIPOLOG CITY	2,654	1,342	1,312
PAGADIAN CITY	3,604	1,807	1,797
ZAMBOANGA CITY	12,863	6,598	6,265
REGION 10	57,033	29,710	27,323
BUKIDNON	18,765	9,724	9,041
CAMIGUIN	1,704	927	777
MISAMIS OCC.	4,659	2,398	2,261
MISAMIS OR.	10,229	5,411	4,818
CAGAYAN DE ORO	14,016	7,289	6,727
GINGOOG CITY	2,526	1,305	1,221
OROQUIETA CITY	1,674	880	794
OZAMIS CITY	2,351	1,193	1,158
TANGUB CITY	1,109	583	526

TABLE 8

**Livebirths by Sex & Health Region, Province & City
Philippines
1997**

Area	Both Sexes	Male	Female
REGION 11	95,081	49,383	45,698
COTABATO SOUTH	10,322	5,332	4,990
DAVAO ORIENTAL	6,881	3,515	3,366
DAVAO DEL NORTE	24,363	12,560	11,803
DAVAO DEL SUR	12,013	6,222	5,791
SARANGANI	5,436	2,811	2,625
DAVAO CITY	26,859	14,137	12,722
GEN. SANTOS CITY	9,207	4,806	4,401
REGION 12	43,093	22,392	20,701
LANAO DEL NORTE	7,395	3,852	3,543
NORTH COTABATO	15,763	8,131	7,632
SULTAN KUDARAT	7,715	3,977	3,738
COTABATO CITY	3,616	1,898	1,718
ILIGAN CITY	7,937	4,170	3,767
MARAWI CITY	667	364	303
A.R.M.M.	5,524	2,849	2,675
LANAO DEL SUR	1,014	540	474
MAGUINDANAO	2,400	1,235	1,165
SULU	1,552	780	772
TAWI-TAWI	558	294	264
CARAGA REGION	35,793	18,586	17,207
AGUSAN DEL NORTE	4,806	2,491	2,315
AGUSAN DEL SUR	8,610	4,500	4,110
SURIGAO DEL NORTE	4,656	2,438	2,218
SURIGAO DEL SUR	8,390	4,258	4,132
BUTUAN CITY	6,600	3,483	3,117
SURIGAO CITY	2,731	1,416	1,315

TABLE 9

**Frequency Distribution of Livebirths by Attendance
By Health Region, Province & City
Philippines
1997**

AREA	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
PHILIPPINES	1,653,236	615,790	15,554	443,929	563,710	11,765	2,488
NAT. CAP. REGION	303,513	191,694	2,441	76,557	31,679	788	354
CITY OF MANILA	52,979	41,650	119	10,172	987	28	23
MANILA, 2ND DISTRICT	3,329	2,297	21	901	93	3	14
MANDALUYONG	7,872	5,304	62	2,053	447	3	3
PASIG CITY	15,872	9,803	70	4,460	1,510	7	22
QUEZON CITY	67,460	42,581	505	15,496	8,381	338	159
MARIKINA CITY	10,461	6,588	128	2,729	1,009	4	3
MANILA, 3RD DISTRICT	32,626	18,811	455	9,656	3,613	70	21
KALOOKAN CITY	34,987	17,805	194	9,836	6,983	158	11
MANILA, 4TH DISTRICT	52,600	28,130	674	16,011	7,644	53	88
MAKATI CITY	14,716	10,352	160	3,782	411	9	2
PASAY CITY	10,611	8,373	53	1,461	601	115	8
C.A.R.	29,093	13,992	597	4,488	4,135	5,335	546
ABRA	3,804	799	125	1,072	1,704	85	19
APAYAO	1,785	173	23	572	784	227	6
BENGUET	7,701	3,776	77	1,112	206	2,401	129
IFUGAO	3,080	631	232	513	367	1,027	310
KALINGA	2,714	631	53	565	733	723	9
MT. PROVINCE	2,839	838	84	644	331	869	73
BAGUIO CITY	7,170	7,144	3	10	10	3	-
REGION 1	96,494	28,333	1,243	41,737	24,643	448	90
ILOCOS NORTE	8,538	2,403	98	5,022	969	45	1
ILOCOS SUR	11,998	2,893	166	5,210	3,503	149	77
LA UNION	15,021	6,033	86	5,625	3,152	124	1
PANGASINAN	51,422	11,605	790	23,626	15,264	127	10
DAGUPAN CITY	4,416	3,246	12	656	500	1	1
LAOAG CITY	1,910	846	68	707	288	1	-
SAN CARLOS CITY	3,189	1,307	23	891	967	1	-
REGION 2	57,287	9,697	514	17,131	27,643	1,527	775
BATANES	374	120	17	230	7	-	-
CAGAYAN	21,673	3,384	193	4,943	13,047	95	11

TABLE 9

**Frequency Distribution of Livebirths by Attendance
By Health Region, Province & City
Philippines
1997**

AREA	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
ISABELA	22,652	3,379	155	8,206	9,758	396	758
NUEVA VIZCAYA	7,481	1,994	113	2,132	2,451	788	3
QUIRINO	2,981	365	17	724	1,628	247	-
SANTIAGO CITY	2,126	455	19	896	752	1	3
REGION 3	188,379	87,944	2,068	67,829	30,284	217	37
BATAAN	13,576	6,687	42	5,824	1,016	7	-
BULACAN	49,962	22,996	330	19,977	6,583	67	9
NUEVA ECIJA	26,793	7,835	461	11,686	6,790	17	4
PAMPANGA	39,981	25,946	174	10,040	3,803	5	13
TARLAC	26,509	10,766	464	9,471	5,705	97	6
ZAMBALES	10,244	3,583	102	3,533	3,008	17	1
ANGELES CITY	8,150	3,630	228	3,658	631	1	2
CABANATUAN CITY	4,802	3,424	23	539	816	-	-
OLONGAPO CITY	5,341	2,259	58	2,055	967	1	1
PALAYAN CITY	684	228	15	135	306	-	-
SAN JOSE CITY	2,337	590	171	911	659	5	1
REGION 4	271,711	96,079	2,894	73,529	98,132	784	293
AURORA	4,071	727	16	546	2,768	14	-
BATANGAS	35,137	9,762	384	11,467	13,286	23	215
CAVITE	42,233	19,416	474	14,706	7,576	55	6
LAGUNA	43,227	18,414	341	15,635	8,621	211	5
MARINDUQUE	5,720	631	25	1,160	3,885	19	-
MINDORO OCC.	7,315	874	115	1,157	5,077	89	3
MINDORO OR.	13,930	1,905	90	1,055	10,848	31	1
PALAWAN	9,327	586	245	1,636	6,804	53	3
QUEZON	33,357	7,563	323	6,459	18,881	114	17
RIZAL	41,834	19,882	433	13,572	7,784	153	10
ROMBLON	6,163	1,453	78	1,293	3,338	1	-
BATANGAS CITY	6,213	2,793	44	1,314	2,051	11	-
CAVITE CITY	2,573	1,884	2	249	438	-	-
LIPA CITY	5,813	2,406	15	1,106	2,264	2	20
LUCENA CITY	4,841	2,899	11	261	1,658	2	10
PUERTO PRINCESA CITY	2,788	1,066	81	537	1,103	1	-
SAN PABLO CITY	5,260	2,915	187	915	1,236	4	3
TAGAYTAY CITY	867	302	12	216	337	-	-
TRECE MARTIRES CITY	1,042	601	18	245	177	1	-

TABLE 9

**Frequency Distribution of Livebirths by Attendance
By Health Region, Province & City
Philippines
1997**

AREA	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
REGION 5	107,853	18,485	1,232	22,381	65,473	251	31
ALBAY	24,022	2,765	162	4,903	16,058	124	10
CAMARINES NORTE	10,654	978	641	2,780	6,168	81	6
CAMARINES SUR	31,752	4,880	221	6,986	19,646	16	3
CATANDUANES	5,449	1,497	27	977	2,937	11	-
MASBATE	9,734	1,045	30	1,098	7,552	4	5
SORSOGON	15,530	3,507	64	2,801	9,152	3	3
IRIGA CITY	2,414	371	29	1,037	975	1	1
LEGASPI CITY	3,809	1,230	9	1,043	1,518	9	-
NAGA CITY	4,489	2,212	49	756	1,467	2	3
REGION 6	112,201	37,322	624	21,409	52,389	391	66
AKLAN	8,598	2,181	34	2,512	3,816	54	1
ANTIQUE	8,912	1,556	69	2,011	5,232	44	-
CAPIZ	9,126	1,672	29	1,624	5,798	3	-
ILOILO	27,400	8,809	100	5,647	12,752	66	26
NEGROS OCC.	24,441	5,690	123	5,851	12,581	185	11
GUIMARAS	2,511	799	11	233	1,467	1	-
BACOLOD CITY	6,387	5,216	12	212	944	2	1
BAGO CITY	1,941	595	3	821	513	9	-
CADIZ CITY	2,831	886	2	103	1,832	8	-
ILOILO CITY	8,336	6,308	82	657	1,257	6	26
LA CARLOTA CITY	920	369	3	202	345	1	-
ROXAS CITY	3,142	895	13	656	1,575	3	-
SAGAY CITY	2,301	336	3	351	1,610	1	-
SAN CARLOS CITY	2,950	311	139	378	2,114	8	-
SILAY CITY	2,405	1,699	1	151	553	-	1
REGION 7	139,330	45,518	1,064	45,762	46,432	386	168
BOHOL	22,333	3,620	205	10,426	8,046	30	6
CEBU	47,024	10,183	532	18,458	17,597	113	141
NEGROS OR.	18,384	3,398	94	4,570	10,134	184	4
SIQUIJOR	1,570	439	3	1,037	81	4	6
BAIS CITY	1,144	256	4	189	695	-	-
CANLAON CITY	889	108	5	130	646	-	-
CEBU CITY	22,227	14,744	73	4,169	3,214	23	4

TABLE 9

**Frequency Distribution of Livebirths by Attendance
By Health Region, Province & City
Philippines
1997**

AREA	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
DANAO CITY	2,875	1,302	13	821	729	10	-
DUMAGUETE CITY	2,315	1,928	6	95	268	18	-
LAPU-LAPU CITY	7,411	2,909	28	2,500	1,969	2	3
MANDAWE CITY	7,845	3,584	74	2,610	1,574	2	1
TAGBILARAN CITY	1,788	1,325	10	446	7	-	-
TOLEDO CITY	3,525	1,722	17	311	1,472	-	3
REGION 8	57,325	15,895	469	11,494	29,084	375	8
LEYTE DEL NORTE	24,086	5,504	215	5,884	12,137	342	4
LEYTE DEL SUR	7,101	2,350	66	1,722	2,957	5	1
EASTERN SAMAR	4,068	768	48	1,026	2,224	2	-
NORTHERN SAMAR	6,211	1,150	15	1,175	3,851	19	1
WESTERN SAMAR	3,556	805	36	699	2,013	2	1
BILIRAN	2,683	399	7	208	2,067	2	-
CALBAYOG CITY	1,886	720	3	170	992	1	-
ORMOC CITY	3,697	1,417	68	350	1,861	-	1
TACLOBAN CITY	4,037	2,782	11	260	982	2	-
REGION 9	53,149	11,162	995	13,285	27,356	342	9
BASILAN	1,702	266	19	169	1,248	-	-
ZAMBO. DEL NORTE	11,278	1,386	91	3,215	6,526	60	-
ZAMBO. DEL SUR	20,303	1,478	426	4,995	13,140	257	7
DAPITAN CITY	1,616	636	3	352	625	-	-
DIPOLOG CITY	2,337	1,190	12	480	654	1	-
PAGADIAN CITY	3,235	618	3	633	1,976	4	1
ZAMBOANGA CITY	12,678	5,588	441	3,441	3,187	20	1
REGION 10	56,970	14,355	361	10,655	31,237	308	54
BUKIDNON	19,041	2,975	114	2,997	12,865	84	6
CAMIGUIN	1,718	466	25	899	326	2	-
MISAMIS OCC.	5,300	880	23	1,335	3,054	6	2
MISAMIS OR.	11,529	1,839	29	3,248	6,307	101	5
CAGAYAN DEL ORO	12,421	6,039	141	1,439	4,664	114	24
GINGOOG CITY	2,555	441	17	147	1,932	1	17
OROQUIETA CITY	1,256	525	3	290	438	-	-
OZAMIS CITY	2,050	973	2	83	992	-	-
TANGUB CITY	1,100	217	7	217	659	-	-

TABLE 9

**Frequency Distribution of Livebirths by Attendance
By Health Region, Province & City
Philippines
1997**

AREA	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
REGION 11	94,871	27,292	589	17,758	48,915	300	17
COTABATO SOUTH	10,441	1,849	25	3,022	5,467	75	3
DAVAO ORIENTAL	7,113	1,164	20	1,121	4,800	8	-
DAVAI DEL NORTE	25,384	5,550	68	4,249	15,462	48	7
DAVAO DEL SUR	12,148	2,707	59	1,558	7,766	56	2
SARANGANI	5,629	291	24	1,104	4,171	37	2
DAVAO CITY	25,215	13,108	178	4,990	6,884	54	1
GEN. SANTOS CITY	8,941	2,623	215	1,714	4,365	22	2
REGION 12	42,230	9,310	204	12,513	19,938	248	17
LANAO DEL NORTE	7,684	1,221	57	3,653	2,714	31	8
NORTH COTABATO	16,180	1,827	69	3,753	10,401	125	5
SULTAN KUDARAT	7,746	922	29	2,938	3,788	67	2
COTABATO CITY	2,670	1,353	9	559	749	-	-
ILIGAN CITY	6,856	3,216	33	1,460	2,121	25	1
MARAWI CITY	1,094	771	7	150	165	-	1
A.R.M.M.	6,704	1,412	97	1,199	3,988	8	0
LANAO DEL SUR	1,490	480	35	185	788	2	-
MAGUINDANAO	3,039	616	11	698	1,710	4	-
SULU	1,598	240	25	182	1,149	2	-
TAWI-TAWI	577	76	26	134	341	-	-
CARAGA REGION	35,960	7,186	161	6,181	22,370	56	6
AGUSAN DEL NORTE	5,312	942	48	1,613	2,695	14	-
AGUSAN DEL SUR	8,908	999	36	1,623	6,214	35	1
SURIGAO DEL NORTE	5,040	765	30	567	3,674	3	1
SURIGAO DEL SUR	8,502	1,474	7	1,740	5,276	1	4
BUTUAN CITY	5,843	2,164	36	528	3,113	2	-
SURIGAO CITY	2,355	842	4	110	1,398	1	-
FOREIGN COUNTRIES	166	114	1	21	12	1	17

TABLE 10

**Percentage Distribution of Livebirths by Attendance
By Health, Region, Province & City
Philippines
1997**

Area	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
PHILIPPINES	1,653,236	37.2	0.9	26.9	34.1	0.7	0.2
NAT. CAP. REGION	303,513	63.2	0.8	25.2	10.4	0.3	0.1
CITY OF MANILA	52,979	78.6	0.2	19.2	1.9	0.1	0.04
MANILA, 2ND DISTRICT	3,329	69.0	0.6	27.1	2.8	0.1	0.4
MANDALUYONG	7,872	67.4	0.8	26.1	5.7	0.04	0.04
PASIG CITY	15,872	61.8	0.4	28.1	9.5	0.04	0.1
QUEZON CITY	67,460	63.1	0.7	23.0	12.4	0.5	0.2
MARIKINA CITY	10,461	63.0	1.2	26.1	9.6	0.04	0.03
MANILA, 3RD DISTRICT	32,626	57.7	1.4	29.6	11.1	0.2	0.1
KALOOKAN CITY	34,987	50.9	0.6	28.1	20.0	0.5	0.03
MANILA, 4TH DISTRICT	52,600	53.5	1.3	30.4	14.5	0.1	0.2
MAKATI CITY	14,716	70.3	1.1	25.7	2.8	0.1	0.01
PASAY CITY	10,611	78.9	0.5	13.8	5.7	1.1	0.1
C.A.R.	29,093	48.1	2.1	15.4	14.2	18.3	1.9
ABRA	3,804	21.0	3.3	28.2	44.8	2.2	0.5
APAYAO	1,785	9.7	1.3	32.0	43.9	12.7	0.3
BENGUET	7,701	49.0	1.0	14.4	2.7	31.2	1.7
IFUGAO	3,080	20.5	7.5	16.7	11.9	33.3	10.1
KALINGA	2,714	23.2	2.0	20.8	27.0	26.6	0.3
MT. PROVINCE	2,839	29.5	3.0	22.7	11.7	30.6	2.6
BAGUIO CITY	7,170	99.6	0.04	0.1	0.1	0.04	0.0
REGION 1	96,494	29.4	1.3	43.3	25.5	0.5	0.1
ILOCOS NORTE	8,538	28.1	1.1	58.8	11.3	0.5	0.01
ILOCOS SUR	11,998	24.1	1.4	43.4	29.2	1.2	0.6
LA UNION	15,021	40.2	0.6	37.4	21.0	0.8	0.01
PANGASINAN	51,422	22.6	1.5	45.9	29.7	0.2	0.02
DAGUPAN CITY	4,416	73.5	0.3	14.9	11.3	0.02	0.02
LAOAG CITY	1,910	44.3	3.6	37.0	15.1	0.1	0.0
SAN CARLOS CITY	3,189	41.0	0.7	27.9	30.3	0.03	0.0
REGION 2	57,287	16.9	0.9	29.9	48.3	2.7	1.4
BATANES	374	32.1	4.5	61.5	1.9	0.0	0.0
CAGAYAN	21,673	15.6	0.9	22.8	60.2	0.4	0.1

TABLE 10

Percentage Distribution of Livebirths by Attendance
By Health, Region, Province & City
Philippines
1997

Area	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
ISABELA	22,652	14.9	0.7	36.2	43.1	1.7	3.3
NUEVA VIZCAYA	7,481	26.7	1.5	28.5	32.8	10.5	0.04
QUIRINO	2,981	12.2	0.6	24.3	54.6	8.3	0.0
SANTIAGO CITY	2,126	21.4	0.9	42.1	35.4	0.05	0.1
REGION 3	188,379	46.7	1.1	36.0	16.1	0.1	0.0
BATAAN	13,576	49.3	0.3	42.9	7.5	0.1	0.0
BULACAN	49,962	46.0	0.7	40.0	13.2	0.1	0.02
NUEVA ECIJA	26,793	29.2	1.7	43.6	25.3	0.1	0.01
PAMPANGA	39,981	64.9	0.4	25.1	9.5	0.0	0.03
TARLAC	26,509	40.6	1.8	35.7	21.5	0.4	0.02
ZAMBALES	10,244	35.0	1.0	34.5	29.4	0.2	0.01
ANGELES CITY	8,150	44.5	2.8	44.9	7.7	0.01	0.02
CABANATUAN CITY	4,802	71.3	0.5	11.2	17.0	0.0	0.0
OLONGAPO CITY	5,341	42.3	1.1	38.5	18.1	0.02	0.02
PALAYAN CITY	684	33.3	2.2	19.7	44.7	0.0	0.0
SAN JOSE CITY	2,337	25.2	7.3	39.0	28.2	0.2	0.04
REGION 4	271,711	35.4	1.1	27.1	36.1	0.3	0.1
AURORA	4,071	17.9	0.4	13.4	68.0	0.3	0.0
BATANGAS	35,137	27.8	1.1	32.6	37.8	0.1	0.6
CAVITE	42,233	46.0	1.1	34.8	17.9	0.1	0.01
LAGUNA	43,227	42.6	0.8	36.2	19.9	0.5	0.01
MARINDUQUE	5,720	11.0	0.4	20.3	67.9	0.3	0.0
MINDORO OCC.	7,315	11.9	1.6	15.8	69.4	1.2	0.04
MINDORO OR.	13,930	13.7	0.6	7.6	77.9	0.2	0.01
PALAWAN	9,327	6.3	2.6	17.5	72.9	0.6	0.03
QUEZON	33,357	22.7	1.0	19.4	56.6	0.3	0.1
RIZAL	41,834	47.5	1.0	32.4	18.6	0.4	0.02
ROMBLON	6,163	23.6	1.3	21.0	54.2	0.02	0.0
BATANGAS CITY	6,213	45.0	0.7	21.1	33.0	0.2	0.0
CAVITE CITY	2,573	73.2	0.1	9.7	17.0	0.0	0.0
LIPA CITY	5,813	41.4	0.3	19.0	38.9	0.03	0.3
LUCENA CITY	4,841	59.9	0.2	5.4	34.2	0.04	0.2
PUERTO PRINCESA CITY	2,788	38.2	2.9	19.3	39.6	0.04	0.0
SAN PABLO CITY	5,260	55.4	3.6	17.4	23.5	0.1	0.1
TAGAYTAY CITY	867	34.8	1.4	24.9	38.9	0.0	0.0
TRECE MARTIRES CITY	1,042	57.7	1.7	23.5	17.0	0.1	0.0

Percentage Distribution of Livebirths by Attendance
By Health, Region, Province & City
Philippines
1997

Area	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
REGION 5	107,853	17.1	1.1	20.8	60.7	0.2	0.03
ALBAY	24,022	11.5	0.7	20.4	66.8	0.5	0.04
CAMARINES NORTE	10,654	9.2	6.0	26.1	57.9	0.8	0.1
CAMARINES SUR	31,752	15.4	0.7	22.0	61.9	0.1	0.0
CATANDUANES	5,449	27.5	0.5	17.9	53.9	0.2	0.0
MASBATE	9,734	10.7	0.3	11.3	77.6	0.04	0.1
SORSOGON	15,530	22.6	0.4	18.0	58.9	0.02	0.02
IRIGA CITY	2,414	15.4	1.2	43.0	40.4	0.04	0.04
LEGASPI CITY	3,809	32.3	0.2	27.4	39.9	0.2	0.0
NAGA CITY	4,489	49.3	1.1	16.8	32.7	0.04	0.1
REGION 6	112,201	33.3	0.6	19.1	46.7	0.3	0.1
AKLAN	8,598	25.4	0.4	29.2	44.4	0.6	0.01
ANTIQUE	8,912	17.5	0.8	22.6	58.7	0.5	0.0
CAPIZ	9,126	18.3	0.3	17.8	63.5	0.03	0.0
ILOILO	27,400	32.1	0.4	20.6	46.5	0.2	0.1
NEGROS OCC.	24,441	23.3	0.5	23.9	51.5	0.8	0.05
GUIMARAS	2,511	31.8	0.4	9.3	58.4	0.04	0.0
BACOLOD CITY	6,387	81.7	0.2	3.3	14.8	0.03	0.02
BAGO CITY	1,941	30.7	0.2	42.3	26.4	0.5	0.0
CADIZ CITY	2,831	31.3	0.1	3.6	64.7	0.3	0.0
ILOILO CITY	8,336	75.7	1.0	7.9	15.1	0.1	0.3
LA CARLOTA CITY	920	40.1	0.3	22.0	37.5	0.1	0.0
ROXAS CITY	3,142	28.5	0.4	20.9	50.1	0.1	0.0
SAGAY CITY	2,301	14.6	0.1	15.3	70.0	0.0	0.0
SAN CARLOS CITY	2,950	10.5	4.7	12.8	71.7	0.3	0.0
SILAY CITY	2,405	70.6	0.0	6.3	23.0	0.0	0.04
REGION 7	139,330	32.7	0.8	32.8	33.3	0.3	0.1
BOHOL	22,333	16.2	0.9	46.7	36.0	0.1	0.03
CEBU	47,024	21.7	1.1	39.3	37.4	0.2	0.3
NEGROS OR.	18,384	18.5	0.5	24.9	55.1	1.0	0.02
SIQUIJOR	1,570	28.0	0.2	66.1	5.2	0.3	0.4
BAIS CITY	1,144	22.4	0.3	16.5	60.8	0.0	0.0
CANLAON CITY	889	12.1	0.6	14.6	72.7	0.0	0.0
CEBU CITY	22,227	66.3	0.3	18.8	14.5	0.1	0.02

TABLE 10

Percentage Distribution of Livebirths by Attendance
By Health, Region, Province & City
Philippines
1997

Area	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
DANAO CITY	2,875	45.3	0.5	28.6	25.4	0.3	0.0
DUMAGUETE CITY	2,315	83.3	0.3	4.1	11.6	0.8	0.0
LAPU-LAPU CITY	7,411	39.3	0.4	33.7	26.6	0.03	0.04
MANDAWE CITY	7,845	45.7	0.9	33.3	20.1	0.03	0.01
TAGBILARAN CITY	1,788	74.1	0.6	24.9	0.4	0.00	0.0
TOLEDO CITY	3,525	48.9	0.5	8.8	41.8	0.0	0.1
REGION 8	57,325	27.7	0.8	20.1	50.7	0.7	0.0
LEYTE DEL NORTE	24,086	22.9	0.9	24.4	50.4	1.4	0.02
LEYTE DEL SUR	7,101	33.1	0.9	24.3	41.6	0.1	0.01
EASTERN SAMAR	4,068	18.9	1.2	25.2	54.7	0.05	0.0
NORTHERN SAMAR	6,211	18.5	0.2	18.9	62.0	0.3	0.02
WESTERN SAMAR	3,556	22.6	1.0	19.7	56.6	0.1	0.03
BILIRAN	2,683	14.9	0.3	7.8	77.0	0.1	0.0
CALBAYOG CITY	1,886	38.2	0.2	9.0	52.6	0.1	0.0
ORMOC CITY	3,697	38.3	1.8	9.5	50.3	0.0	0.03
TACLOBAN CITY	4,037	68.9	0.3	6.4	24.3	0.05	0.0
REGION 9	53,149	21.0	1.9	25.0	51.5	0.8	0.02
BASILAN	1,702	15.6	1.1	9.9	73.3	0.0	0.0
ZAMBO. DEL NORTE	11,278	12.3	0.8	28.5	57.9	0.5	0.0
ZAMBO. DEL SUR	20,303	7.3	2.1	24.6	64.7	1.3	0.03
DAPITAN CITY	1,616	39.4	0.2	21.8	38.7	0.0	0.0
DIPOLOG CITY	2,337	50.9	0.5	20.5	28.0	0.04	0.0
PAGADIAN CITY	3,235	19.1	0.1	19.6	61.1	0.1	0.03
ZAMBOANGA CITY	12,678	44.1	3.5	27.1	25.1	0.2	0.01
REGION 10	56,970	25.2	0.6	18.7	54.8	0.5	0.1
BUKIDNON	19,041	15.6	0.6	15.7	67.6	0.4	0.03
CAMIGUIN	1,718	27.1	1.5	52.3	19.0	0.1	0.0
MISAMIS OCC.	5,300	16.6	0.4	25.2	57.6	0.1	0.04
MISAMIS OR.	11,529	16.0	0.3	28.2	54.7	0.9	0.04
CAGAYAN DEL ORO	12,421	48.6	1.1	11.6	37.5	0.9	0.2
GINGOOG CITY	2,555	17.3	0.7	5.8	75.6	0.04	0.7
OROQUIETA CITY	1,256	41.8	0.2	23.1	34.9	0.0	0.0
OZAMIS CITY	2,050	47.5	0.1	4.0	48.4	0.0	0.0
TANGUB CITY	1,100	19.7	0.6	19.7	59.9	0.0	0.0

TABLE 10

Percentage Distribution of Livebirths by Attendance
By Health, Region, Province & City
Philippines
1997

Area	Total Births	Births Attended by:					
		M.D.	Nurse	Midwife	Trad. Midwife	Others	Not Stated
REGION 11	94,871	28.8	0.6	18.7	51.6	0.3	0.0
COTABATO SOUTH	10,441	17.7	0.2	28.9	52.4	0.7	0.03
DAVAO ORIENTAL	7,113	16.4	0.3	15.8	67.5	0.1	0.0
DAVAI DEL NORTE	25,384	21.9	0.3	16.7	60.9	0.2	0.03
DAVAO DEL SUR	12,148	22.3	0.5	12.8	63.9	0.5	0.02
SARANGANI	5,629	5.2	0.4	19.6	74.1	0.7	0.04
DAVAO CITY	25,215	52.0	0.7	19.8	27.3	0.2	0.0
GEN. SANTOS CITY	8,941	29.3	2.4	19.2	48.8	0.2	0.02
REGION 12	42,230	22.0	0.5	29.6	47.2	0.6	0.04
LANAO DEL NORTE	7,684	15.9	0.7	47.5	35.3	0.4	0.1
NORTH COTABATO	16,180	11.3	0.4	23.2	64.3	0.8	0.03
SULTAN KUDARAT	7,746	11.9	0.4	37.9	48.9	0.9	0.03
COTABATO CITY	2,670	50.7	0.3	20.9	28.1	0.0	0.0
ILIGAN CITY	6,856	46.9	0.5	21.3	30.9	0.4	0.01
MARAWI CITY	1,094	70.5	0.6	13.7	15.1	0.0	0.1
A.R.M.M.	6,704	21.1	1.4	17.9	59.5	0.1	0.0
LANAO DEL SUR	1,490	32.2	2.3	12.4	52.9	0.1	0.0
MAGUINDANAO	3,039	20.3	0.4	23.0	56.3	0.1	0.0
SULU	1,598	15.0	1.6	11.4	71.9	0.1	0.0
TAWI-TAWI	577	13.2	4.5	23.2	59.1	0.0	0.0
CARAGA REGION	35,960	20.0	0.4	17.2	62.2	0.2	0.02
AGUSAN DEL NORTE	5,312	17.7	0.9	30.4	50.7	0.3	0.0
AGUSAN DEL SUR	8,908	11.2	0.4	18.2	69.8	0.4	0.01
SURIGAO DEL NORTE	5,040	15.2	0.6	11.3	72.9	0.1	0.02
SURIGAO DEL SUR	8,502	17.3	0.1	20.5	62.1	0.01	0.05
BUTUAN CITY	5,843	37.0	0.6	9.0	53.3	0.03	0.0
SURIGAO CITY	2,355	35.8	0.2	4.7	59.4	0.04	0.0
FOREIGN COUNTRIES	166	68.7	0.6	12.7	7.2	0.6	10.2

BIRTHS BY TYPE OF ATTENDANCE Philippines, 1997

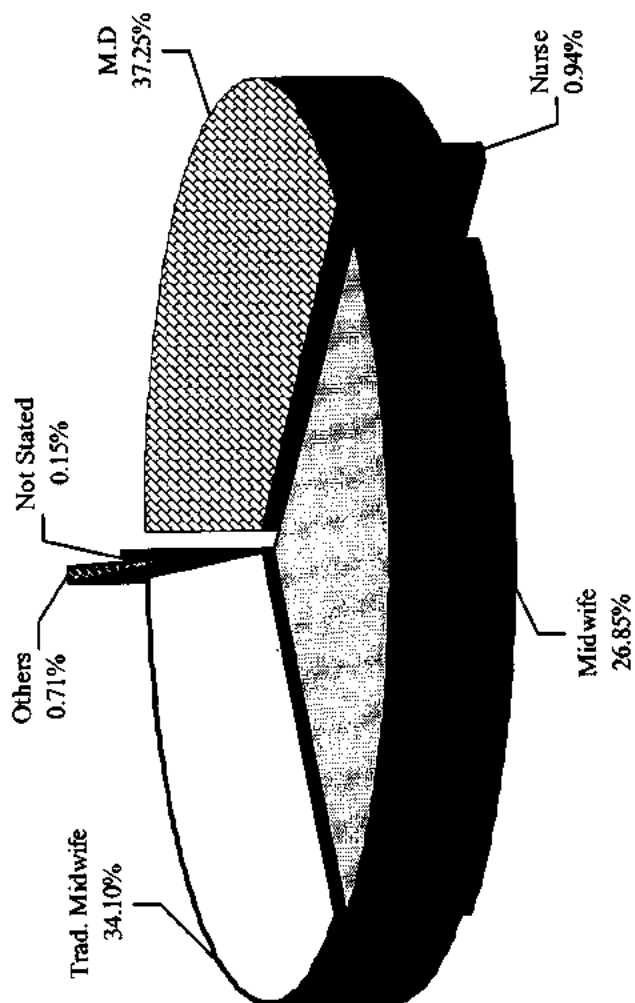


Fig. 8

TABLE 11

Livebirths by Age of Mother & by Sex
Philippines
1997

Age of Mother	Both Sexes	Percentage Distribution	Male	Female
	Number		Number	Number
All Ages	1,653,236	100.0	859,814	793,422
Under 15 years	748	0.05	388	360
15 - 19 years	113,058	6.8	58,916	54,142
20 - 24 years	457,966	27.7	238,772	219,194
25 - 29 years	486,197	29.4	252,781	233,416
30 - 34 years	330,847	20.0	171,855	158,992
35 - 39 years	189,772	11.5	98,602	91,170
40 - 44 years	62,911	3.8	32,542	30,369
45 - 49 years	7,785	0.5	3,981	3,804
50 years & Over	696	0.04	337	359
Not Stated	3,256	0.2	1,640	1,616

TABLE 12

Livebirths by Age of Mother & Number of Living Children
Philippines
1997

Age of Mother (In Years)	Total	Number of Living Children				
		1	2	3	4	5
All Ages	1,653,236	495,953	373,251	265,713	176,722	111,784
Under 15 years	552	552	-	-	-	-
15 - 19 years	110,651	93,457	15,540	1,483	144	27
20 - 24 years	443,524	219,546	146,622	58,359	15,756	3,241
25 - 29 years	455,071	120,322	128,795	106,668	67,754	31,532
30 - 34 years	267,247	43,242	58,882	65,817	56,858	42,448
35 - 39 years	114,747	14,099	18,831	27,049	28,445	26,323
40 - 44 years	25,678	3,179	3,492	5,258	6,620	7,129
45 - 49 years	2,896	587	380	488	703	738
50 years & Over	378	105	59	76	64	74
Not Stated	2,679	864	650	515	378	272

Age of Mother (In Years)	Number of Living Children					
	6	7	8	9	10 & Over	Not Stated
All Ages	72,347	44,874	28,035	16,255	9,626	58,676
Under 15 years	-	-	-	-	-	196
15 - 19 years	-	-	-	-	-	2,407
20 - 24 years	749	185	65	11	32	13,400
25 - 29 years	11,568	3,147	766	189	157	15,299
30 - 34 years	28,517	14,656	6,449	2,256	774	10,948
35 - 39 years	23,017	18,593	13,136	7,598	4,019	8,662
40 - 44 years	7,441	7,284	6,708	5,418	3,980	6,402
45 - 49 years	804	836	779	701	611	1,158
50 years & Over	61	51	65	35	34	72
Not Stated	190	122	67	47	19	132

LIVEBIRTHS BY AGE OF MOTHER AND BY SEX **Philippines, 1997**

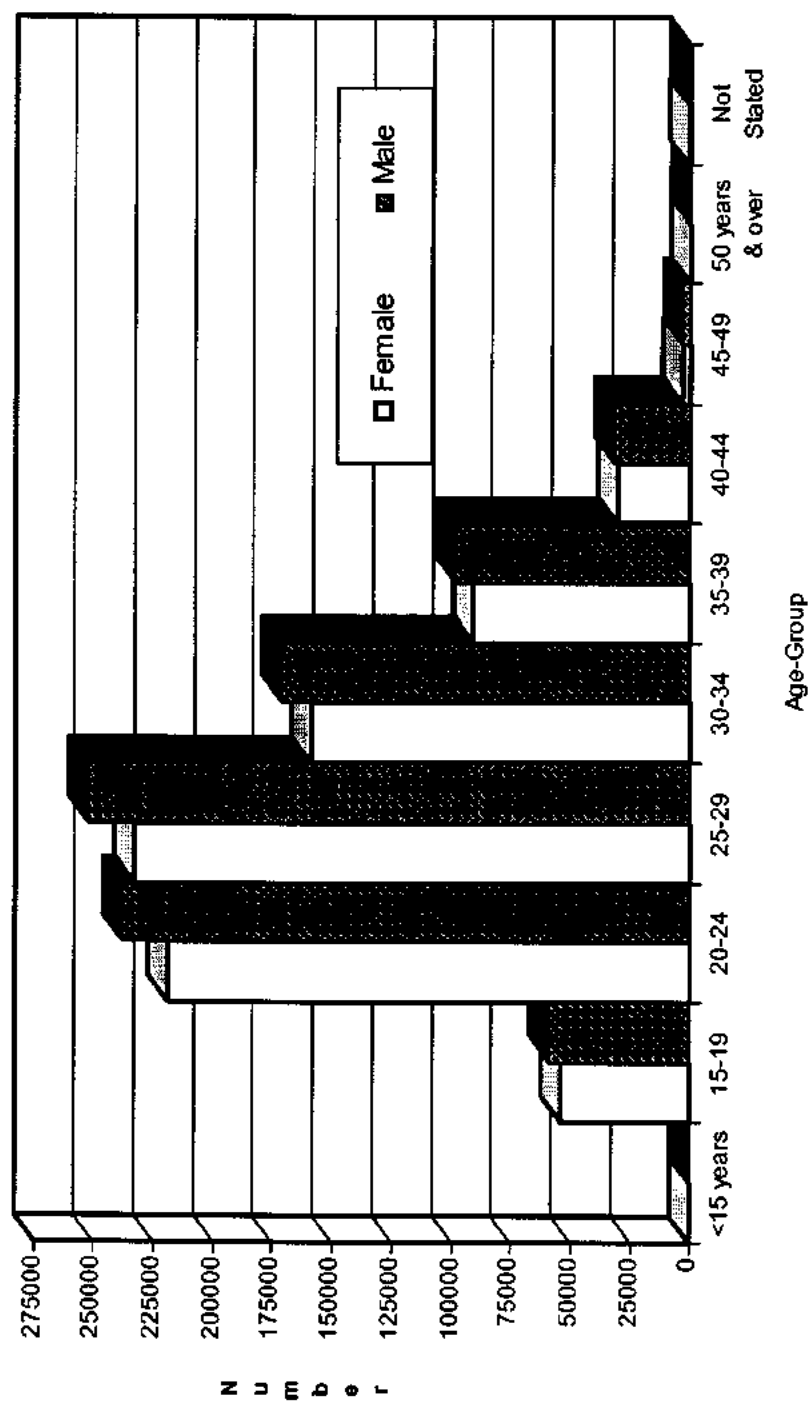


Fig.9

NOTIFIABLE DISEASES STATISTICS

The statistics on Notifiable Diseases presented and analyzed in this report were collected from Weekly Report of Notifiable Diseases (W-1b) received weekly from all provincial and city health offices throughout the country.

In accordance with ACT 3573 (Law on Reporting of Communicable Diseases), the Department of Health mandates the reporting of the following diseases preferably within 72 hours of occurrence of the case: AIDS/HIV Infection, Bronchitis, Cholera, Chickenpox, Dengue H-Fever, Diarrheas, Diphtheria, Diseases of the Heart, Dysentery, Filariasis, Infectious Hepatitis, Influenza, Leprosy, Malaria, Malignant Neoplasms, Measles, Pneumonias, Poliomyelitis, Schistosomiasis, Syphilis, Tetanus Neonatorum, Typhoid and other Salmonella Infections, TB Meningitis, TB other forms, Whooping Cough and other diseases with unusual occurrence.

NATIONAL PROFILE: LEADING CAUSES OF MORBIDITY- The Ten (10) Leading Causes of Morbidity in 1997 are shown in Table 13 and Figure 10. Diarrheas still tops the list with a total of 899,409 cases or 1257/100,000 population. Pneumonia (672,681), Bronchitis (637,905), Influenza (574,748), Tuberculosis All Forms (240,509) and Malaria (69,248) are confined to ranks 2 to 6 respectively. The 10th in the list is still Dengue H-Fever with 13,290 cases, which was lowered by 2,281 cases as compared last year.

REGIONAL MORBIDITY DIFERENTIALS: The 1997 report of notifiable diseases (Table 15) shows a large variations in morbidity rates by type of morbid conditions among regions. There are 27 notifiable diseases and six of which (TB Respiratory, Measles, Malaria, Pneumonia, Syphilis and Cholera) were found to have the highest morbidity rates in Cordillera Administrative Regions (CAR). While Influenza, Malignant Neoplasm and Bronchitis are highest in Region 2, Schistosomiasis, Filariasis and Tetanus in Region 11. The regions which have highest morbidity rates for two diseases are Region 6 for Viral Hepatitis and Gonorrhea, Region 8 for Leprosy and Tetanus Neonatorum, Region 9 for Whooping Cough and TB Meningitis, Region 10 for Dengue and Diseases of the Heart and Region 12 for TB other forms and Typhoid and Paratyphoid Fever.

LAW ON REPORTING OF COMMUNICABLE DISEASES
(Act No. 3573)

No. 3573 – An Act Providing for the Prevention and Suppression of Dangerous Communicable Diseases and for Other Purposes.

Be it enacted by the Senate and House of Representatives of the Philippines in Legislature and assembled and by authority of the same. '

SECTION 1. Prophylactic inoculation – For the purpose of preventing and suppressing dangerous communicable diseases, any person may be inoculated, administered or injected with prophylactic preparations of recognized efficiency and standard, and no person shall refuse to permit or receive such inoculation, administration or injection as to hinder or obstruct in any way such protective measures as maybe deemed advisable by the Director of Health or his authorized representative.

SECTION 2. Notice to the Philippine Health Service about Communicable Diseases – Every physician, director, superintendent or person in charge of hospital, institution or dispensary having knowledge of , or any householder tenant, or occupant of any building, or director of college, convent, diseases shall immediately notify the nearest health station either by telephone, by messenger or by written notice specifying the disease and the name and address of the person affected.

SECTION 3. A case reportable or communicable diseases defined – the term – A case reportable or communicable disease, for the purpose of the act, shall be held to include any person sick of, or affected or attacked by the following diseases: Actinomycosis, Acute anterior (adult or infant), Cerebrospinal meningitis (epidemic), Diptheria, Food Poisoning, Glanders, Influenza, Leprosy, Malaria, Measles, Plague, Pneumonia, Mumps, Typhus fever, Variola or Smallpox, Varicella, Vincent's angina, Whooping cough, and Yellow fever and shall further include any other diseases publicly declared by the Director of Health to be communicable and dangerous to public health.

SECTION 4. Penalties – Any person who shall violate any provision of this Act shall be punished by a fine of not more than P100.00.

SECTION 5. This Act shall take effect on approval.

APPROVED: November 26, 1929

Table 13

MORBIDITY: Ten (10) Leading Causes
No. & Rate /100,000 Population
Philippines
5-Year Average (1992-1996) & 1997

Cause	5 Year Average (1992-1996)		1997	
	Number	Rate	Number	Rate
1. Diarrheas (A09)	1,124,395	1693.76	899,409	1257.04
2. Pneumonias (J12-J18)	565,687	851.7	672,681	940.16
3. Bronchitis (J40)	890,672	1341.72	637,905	891.55
4. Influenza (J10-J11)	654,496	985.1	574,748	803.28
5. TB All Forms (A10-A18; B90)	149,963	225.14	240,509	336.14
6. Malaria (B50-B54)	55,815	83.94	69,248	96.78
7. Chickenpox (B01)	59,109	88.9	64,065	89.54
8. Diseases of the Heart (I00-I99)	103,600	156.08	63,794	89.16
9. Measles (B05)	51,548	77.08	37,857	52.91
10. Dengue H- Fever (A91)	16,405	24.54	13,290	18.57

MORBIDITY : TEN (10) LEADING CAUSES

Rate Per 100,000 Population

Philippines, 1997

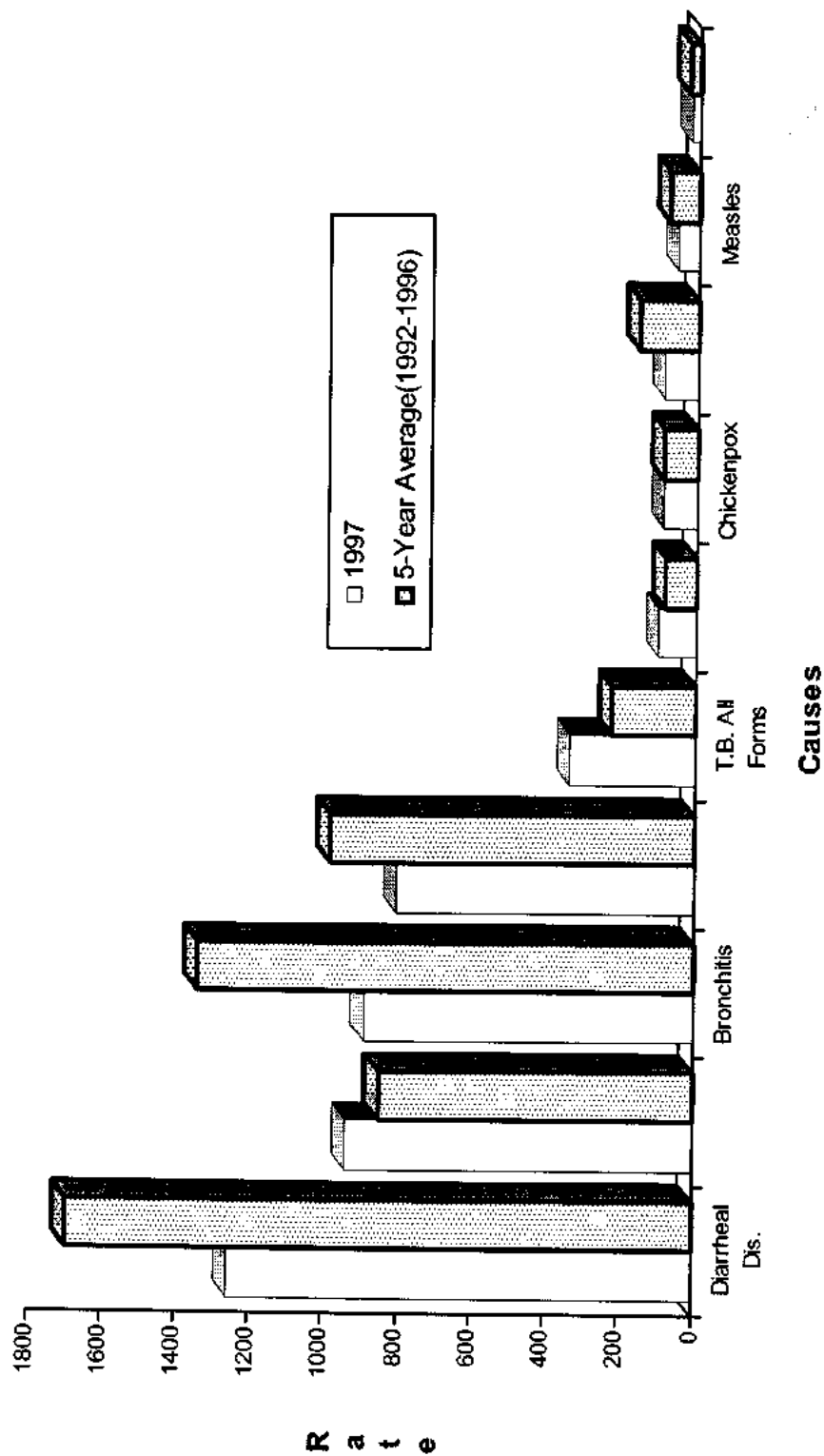


Fig. 10

Table 14

**Morbidity: Ten (10) Leading Causes
No. & Rate/100,000 Population
Philippines, 1997**

Causes	National Capital Region	
	Number	Rate
1. Pneumonia	113,843	1160.72
2. Diarrheas	107,273	1093.73
3. Bronchitis	80,879	824.62
4. TB All Forms	40,871	416.71
5. Influenza	20,944	213.54
6. Measles	5,305	54.09
7. Diseases of the Heart	5,227	53.29
8. Chickenpox	4,614	47.04
9. Dengue Fever	1,940	19.78
10. Malignant Neoplasm	1,247	12.71

Causes	Cordillera Autonomous Region	
	Number	Rate
1. Pneumonia	30,890	2356.14
2. TB All Forms	28,914	2205.42
3. Bronchitis	25,683	1958.97
4. Diarrheas	25,323	1931.52
5. Influenza	20,424	1557.84
6. Malaria	12,728	970.83
7. Chickenpox	2,202	167.96
8. Diseases of the Heart	2,045	155.98
9. Measles	2,020	154.08
10. Typhoid and Paratyphoid Fever	473	36.08

Causes	Region 1	
	Number	Rate
1. Diarrheas	42,357	1076.77
2. TB All Forms	27,184	691.05
3. Bronchitis	26,830	682.05
4. Influenza	23,579	599.41
5. Pneumonia	20,270	515.29
6. Chickenpox	15,243	387.50
7. Measles	1,670	42.45
8. Diseases of the Heart	1,242	31.57
9. Typhoid and Paratyphoid Fever	268	6.81
10. Viral Hepatitis	194	4.93

Causes	Region 2	
	Number	Rate
1. Bronchitis	81,177	3073.45
2. Influenza	58,761	2224.75
3. Diarrheas	38,062	1441.07
4. Pneumonia	19,433	735.75
5. TB All Forms	15,487	586.35
6. Malaria	4,412	167.04
7. Diseases of the Heart	3,204	121.31
8. Chickenpox	2,963	112.18
9. Measles	1,537	58.19
10. Malignant Neoplasm	392	14.84

Table 14

**Morbidity: Ten (10) Leading Causes
No. & Rate/100,000 Population
Philippines, 1997**

Causes	Region 3	
	Number	Rate
1. Diarrheas	96,149	1331.13
2. Bronchitis	41,347	572.43
3. Pneumonia	31,917	441.87
4. Influenza	25,349	350.94
5. TB All Forms	13,315	184.34
6. Diseases of the Heart	11,159	154.49
7. Chickenpox	3,277	45.37
8. Measles	2,689	37.23
9. Malignant Neoplasm	859	11.89
10. Dengue Fever	622	8.61

Causes	Region 4	
	Number	Rate
1. Diarrheas	87,861	838.98
2. Bronchitis	60,436	577.10
3. Influenza	54,398	519.44
4. Pneumonia	50,181	479.17
5. Malaria	22,800	217.72
6. TB All Forms	18,263	174.39
7. Diseases of the Heart	8,165	77.97
8. Chickenpox	5,639	53.85
9. Measles	5,026	47.99
10. Typhoid & Paratyphoid Fever	1,340	12.80

Causes	Region 5	
	Number	Rate
1. Diarrheas	47,722	1063.38
2. Influenza	42,158	939.40
3. Pneumonia	38,020	847.19
4. Bronchitis	33,511	746.72
5. TB All Forms	12,027	267.99
6. Diseases of the Heart	6,496	144.75
7. Chickenpox	4,553	101.45
8. Measles	3,444	76.74
9. Typhoid & Paratyphoid Fever	855	19.05
10. Viral Hepatitis	348	7.75

Causes	Region 6	
	Number	Rate
1. Pneumonia	80,457	1344.20
2. Diarrheas	68,940	1151.78
3. Bronchitis	54,847	916.33
4. Influenza	43,875	733.02
5. TB All Forms	13,593	227.10
6. Chickenpox	6,460	107.93
7. Diseases of the Heart	6,193	103.47
8. Measles	2,318	38.73
9. Typhoid & Paratyphoid Fever	2,281	38.11
10. Dengue Fever	1,453	24.28

Table 14

Morbidity: Ten (10) Leading Causes
No. & Rate/100,000 Population
Philippines, 1997

Causes	Region 7	
	Number	Rate
1. Diarrheas	142,069	2723.43
2. Pneumonia	92,180	1767.07
3. Influenza	55,198	1058.13
4. Bronchitis	40,269	771.95
5. TB All Forms	5,990	114.83
6. Chickenpox	4,927	94.45
7. Measles	3,391	65.00
8. Diseases of the Heart	2,059	39.47
9. Typhoid & Paratyphoid Fever	1,078	20.67
10. Dengue Fever	932	17.87

Causes	Region 8	
	Number	Rate
1. Pneumonia	47,169	1342.83
2. Diarrheas	43,351	1234.14
3. Bronchitis	40,803	1161.60
4. Influenza	29,428	837.77
5. TB All Forms	6,060	172.52
6. Diseases of the Heart	3,223	91.75
7. Schistosomiasis	2,332	66.39
8. Chickenpox	2,323	66.13
9. Measles	1,664	47.37
10. Dengue Fever	887	25.25

Causes	Region 9	
	Number	Rate
1. Influenza	49,867	1701.35
2. Diarrheas	31,893	1088.12
3. Bronchitis	20,909	713.37
4. Pneumonia	16,613	566.80
5. TB All Forms	9,831	335.41
6. Diseases of the Heart	1,769	60.35
7. Chickenpox	1,247	42.54
8. Typhoid & Paratyphoid Fever	1,196	40.80
9. Measles	1,000	34.12
10. Malaria	959	32.72

Causes	Region 10	
	Number	Rate
1. Bronchitis	45,264	1745.23
2. Pneumonia	37,753	1455.63
3. Diarrheas	32,368	1248.00
4. Influenza	31,513	1215.03
5. TB All Forms	7,008	270.20
6. Diseases of the Heart	4,275	164.83
7. Chickenpox	1,939	74.76
8. Dengue fever	1,467	56.56
9. Measles	1,177	45.38
10. Typhoid & Paratyphoid fever	649	25.02

Table 14

**Morbidity: Ten (10) Leading Causes
No. & Rate/100,000 Population
Philippines, 1997**

Causes		Region 11	
		Number	Rate
1.	Influenza	42,568	878.56
2.	Diarrheas	42,409	875.28
3.	Bronchitis	35,352	729.63
4.	Pneumonia	30,733	634.30
5.	TB All Forms	18,225	376.15
6.	Malaria	8,671	178.96
7.	Schistosomiasis	5,274	108.85
8.	Chickenpox	4,084	84.29
9.	Diseases of the Heart	3,670	75.75
10.	Dengue Fever	2,599	53.64

Causes		Region 12	
		Number	Rate
1.	Diarrheas	30,795	1245.03
2.	Influenza	21,833	882.70
3.	Bronchitis	17,869	722.44
4.	Pneumonia	17,405	703.68
5.	TB All Forms	10,740	434.21
6.	Diseases of the Heart	3,235	130.79
7.	Schistosomiasis	1,853	74.92
8.	Measles	1,293	52.28
9.	Typhoid & Paratyphoid Fever	1,162	46.98
10.	Chickenpox	1,040	42.05

Causes		A.R.M.M.	
		Number	Rate
1.	Diarrheas	38,777	1864.55
2.	Influenza	35,175	1691.35
3.	Pneumonia	20,337	977.88
4.	Bronchitis	11,896	572.01
5.	Malaria	9,972	479.49
6.	TB All Forms	9,935	477.71
7.	Chickenpox	1,661	79.87
8.	Measles	1,626	78.18
9.	Diseases of the Heart	1,342	64.53
10.	Leprosy	253	12.17

Causes		Caraga	
		Number	Rate
1.	Pneumonia	25,480	1252.15
2.	Diarrheas	24,060	1182.37
3.	Bronchitis	20,833	1023.79
4.	Influenza	19,678	967.03
5.	Malaria	7,781	382.38
6.	TB All Forms	3,066	150.67
7.	Schistosomiasis	2,073	101.87
8.	Chickenpox	1,893	93.03
9.	Measles	1,322	64.97
10.	Diseases of the Heart	493	24.23

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	TYPHOID & PARATYPHOID FEVER		DIARRHEAS		TB OTHER FORMS		TB MENINGITIS	
	(A01)		(A09)		(A17-A19)		(A17.0*,G01*)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	12,724	17.78	899,409	1,257.04	14,675	20.51	437	0.61
NCR	1,094	11.15	107,273	1,093.73	776	7.91	74	0.75
City of Manila	83	5.14	19,958	1,235.78	6	0.37	3	0.19
Manila, 2nd District	29	4.81	4,834	802.30	162	26.89	-	-
Mandaluyong City	-	-	2,296	792.76	-	-	-	-
Pasig City	11	2.22	6,195	1,252.16	33	6.67	9	1.82
Quezon City	502	24.52	17,072	833.73	16	0.78	18	0.88
Marikina City	18	4.77	3,934	1,043.40	34	9.02	1	0.27
Manila, 3rd District	103	9.65	13,809	1,293.38	145	13.58	26	2.44
Kalookan City	11	1.01	7,430	682.42	19	1.75	3	0.28
Manila, 4th District	99	7.47	21,275	1,604.30	150	11.31	9	0.68
Makati City	70	144.01	6,843	14,077.64	210	432.02	3	6.17
Pasay City	168	40.70	3,627	878.76	1	0.24	2	0.48
C.A.R.	473	36.08	25,323	1,931.52	387	29.52	7	0.53
Abra	122	60.68	3,612	1,796.56	156	77.59	-	-
Apayao	1	1.15	2,364	2,709.33	98	112.32	-	-
Benguet	197	60.86	6,531	2,017.62	51	15.76	1	0.31
Ifugao	59	37.77	3,762	2,408.17	14	8.96	-	-
Kalinga	22	13.71	4,352	2,712.08	47	29.29	2	1.25
Mt. Province	66	48.85	4,004	2,963.82	21	15.54	4	2.96
Baguio City	6	2.43	698	282.30	-	-	-	-
Region 1	268	6.81	42,357	1,076.77	889	22.60	12	0.31
Ilocos Norte	5	1.24	4,480	1,108.40	65	16.08	8	1.98
Ilocos Sur	49	8.77	6,215	1,112.60	-	-	-	-
La Union	11	1.77	4,142	666.89	1	0.16	2	0.32
Pangasinan	106	5.32	23,968	1,203.20	718	36.04	-	-
Dagupan City	79	60.81	832	640.46	-	-	2	1.54
Laoag City	9	9.90	131	144.09	-	-	-	-
San Carlos City	9	6.47	2,589	1,862.58	105	75.54	-	-
Region 2	210	7.95	38,062	1,441.07	388	14.69	4	0.15
Batanes	-	-	443	3,057.28	5	34.51	-	-
Cagayan	5	0.54	7,704	831.79	215	23.21	1	0.11
Isabela	-	-	21,583	1,946.41	-	-	3	0.27
Nueva Vizcaya	75	21.46	5,242	1,499.65	-	-	-	-
Quirino	128	92.43	2,063	1,489.70	-	-	-	-
Santiago City	2	1.93	1,027	990.70	168	162.06	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	TYPHOID & PARATYPHOID FEVER		DIARRHEAS		TB OTHER FORMS		TB MENINGITIS	
	(A01)		(A09)		(A17-A19)		(A17.0 ⁺ , G01 ⁺)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	322	4.46	96,149	1,331.13	1,331	18.43	64	0.89
Bataan	46	8.96	13,714	2,671.76	17	3.31	4	0.78
Bulacan	199	10.62	28,866	1,541.14	66	3.52	2	0.11
Nueva Ecija	nr	-	nr	-	nr	-	nr	-
Pampanga	-	-	18,524	1,262.73	370	25.22	-	-
Tarlac	1	0.10	14,360	1,464.68	17	1.73	-	-
Zambales	2	0.49	6,733	1,657.06	58	14.27	1	0.25
Angeles City	-	-	9,760	4,040.94	788	326.26	55	22.77
Cabanatuan City	-	-	2,511	1,197.61	1	0.48	-	-
Olangapo City	73	40.25	992	546.98	12	6.62	2	1.10
Palayan City	nr	-	nr	-	nr	-	nr	-
San Jose City	1	0.99	689	681.11	2	1.98	-	-
Region 4	1,340	12.80	87,861	838.98	1,031	9.84	25	0.24
Aurora	-	-	956	568.21	2	-	-	-
Batangas	43	3.30	13,708	1,052.53	83	6.37	2	0.15
Cavite	443	28.40	14,588	935.25	38	2.44	4	0.26
Laguna	3	0.20	8,551	556.96	-	-	2	0.13
Marinduque	-	-	1,264	621.03	4	1.97	-	-
Mindoro Occidental	25	7.08	3,949	1,118.09	135	38.22	-	-
Mindoro Oriental	nr	-	nr	-	nr	-	nr	-
Palawan	19	3.54	8,240	1,534.04	214	39.84	-	-
Quezon	72	5.10	7,076	501.44	200	14.17	-	-
Rizal	31	2.13	9,731	669.26	16	1.10	6	0.41
Romblon	147	58.61	3,580	1,427.34	137	54.62	3	1.20
Batangas City	8	3.65	2,936	1,340.52	-	-	-	-
Cavite City	-	-	1,148	1,254.17	1	1.09	-	-
Lipa City	87	47.35	3,980	2,166.00	31	16.87	-	-
Lucena City	7	3.73	3,343	1,782.60	18	9.60	7	3.73
Puerto Princessa City	35	25.08	1,526	1,093.30	-	-	1	0.72
San Pablo City	420	220.90	2,499	1,314.38	152	79.95	-	-
Tagaytay City	-	-	429	1,410.95	-	-	-	-
Trece Martires City	-	-	357	1,681.27	-	-	-	-
Region 5	855	19.05	47,722	1,063.38	1,512	33.69	42	0.94
Albay	53	5.93	15,947	1,782.81	699	78.15	11	1.23
Camarines Norte	24	5.19	5,704	1,234.04	495	107.09	-	-
Camarines Sur	118	9.23	7,081	553.60	223	17.43	5	0.39
Catanduanes	95	45.19	1,114	529.89	-	-	1	0.48
Masbate	279	41.76	5,459	817.18	88	13.17	7	1.05
Sorsogon	5	0.82	5,440	896.60	-	-	3	0.49
Iriga City	-	-	255	303.52	-	-	-	-
Legaspi City	268	179.19	2,766	1,849.38	1	0.67	3	2.01
Naga City	13	9.75	3,956	2,965.58	6	4.50	12	9.00

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	TYPHOID & PARATYPHOID FEVER		DIARRHEAS		TB OTHER FORMS		TB MENINGITIS	
	(A01)		(A09)		(A17-A19)		(A17.0*,G01*)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	2,281	38.11	68,940	1,151.78	1,244	20.78	40	0.67
Aklan	82	19.31	4,988	1,174.85	164	38.63	-	-
Antique	145	32.45	7,572	1,694.62	15	3.36	6	1.34
Capiz	17	3.27	4,343	834.62	27	5.19	2	0.38
Guimaras	409	312.31	2,106	1,608.11	6	4.58	2	1.53
Iloilo	73	4.99	8,465	578.17	230	15.71	6	0.41
Negros Occidental	523	37.06	22,993	1,629.14	13	0.92	1	0.07
Bacolod City	179	42.19	1,910	450.21	725	170.89	16	3.77
Bago City	5	3.60	1,947	1,401.86	-	-	-	-
Cadiz City	30	23.62	2,941	2,315.80	-	-	-	-
Iloilo City	109	31.27	1,716	492.30	30	8.61	6	1.72
La Carlota City	156	270.93	1,710	2,969.83	1	1.74	-	-
Roxas City	291	231.59	1,278	1,017.10	-	-	-	-
Sagay City	26	19.68	2,596	1,964.88	-	-	1	0.76
San Carlos City	127	123.08	2,161	2,094.36	33	31.98	-	-
Silay City	109	83.79	2,214	1,701.85	-	-	-	-
Region 7	1,078	20.67	142,069	2,723.43	488	9.35	40	0.77
Bohol	122	12.73	47,431	4,950.13	237	24.73	7	0.73
Cebu	275	15.66	39,129	2,227.56	162	9.22	28	1.59
Negros Oriental	321	37.46	25,029	2,921.09	3	0.35	-	-
Siquijor	312	407.91	843	1,102.15	36	47.07	-	-
Bais City	6	9.24	136	209.41	-	-	-	-
Canlaon City	-	-	1,240	2,885.53	-	-	-	-
Cebu City	-	-	7,638	1,107.14	8	1.16	-	-
Danao City	-	-	3,072	3,681.47	-	-	-	-
Dumaguete City	2	2.05	2,200	2,254.72	-	-	-	-
Lapu-Lapu City	14	7.49	4,085	2,184.33	-	-	2	1.07
Mandawe City	3	1.48	2,695	1,333.35	22	10.88	-	-
Tagbilaran City	-	-	2,829	3,916.82	-	-	-	-
Toledo City	23	17.93	5,742	4,476.01	20	15.59	3	2.34
Region 8	587	16.71	43,351	1,234.14	868	24.71	22	0.63
Biliran	6	4.34	1,564	1,132.33	267	193.31	-	-
Leyte Del Norte	2	0.16	9,596	768.59	98	7.85	6	0.48
Leyte Del Sur	33	9.96	8,529	2,573.36	346	104.39	-	-
Eastern Samar	6	1.60	8,548	2,276.43	38	10.12	2	0.53
Northern Samar	42	8.89	5,529	1,170.50	112	23.71	1	0.21
Western Samar	353	73.78	6,115	1,278.10	7	1.46	2	0.42
Calbayog City	91	67.40	2,081	1,541.22	-	-	-	-
Ormoc City	46	30.26	855	562.37	-	-	11	7.24
Tacloban City	8	4.41	534	294.70	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	TYPHOID & PARATYPHOID FEVER		DIARRHEAS		TB OTHER FORMS		TB MENINGITIS	
	(A01)		(A09)		(A17-A19)		(A17.0*,G01*)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	1,196	40.80	31,893	1,088.12	500	17.06	38	1.30
Basilan	24	7.84	3,645	1,190.77	34	11.11	-	-
Zamboanga Del Norte	15	2.32	10,637	1,646.78	66	10.22	25	3.87
Zamboanga Del Sur	327	28.75	9,386	825.13	49	4.31	8	0.70
Dapitan City	2	3.06	1,387	2,121.83	7	10.71	-	-
Dipolog City	-	-	944	984.71	-	-	-	-
Pagadian City	410	306.21	1,267	946.27	267	199.41	2	1.49
Zamboanga City	418	76.51	4,627	846.89	77	14.09	3	0.55
Region 10	649	25.02	32,368	1,248.00	913	35.20	26	1.00
Bukidnon	423	43.04	10,685	1,074.44	103	10.36	10	1.01
Camiguin	-	-	526	753.34	14	20.05	-	-
Misamis Occidental	168	64.45	3,889	1,492.06	27	10.36	12	4.60
Misamis Oriental	6	1.17	4,732	921.92	53	10.33	-	-
Cagayan de Oro	-	-	6,010	1,316.30	263	57.60	-	-
Gingoog City	-	-	156	176.40	160	180.92	-	-
Oroquieta City	13	22.58	1,364	2,369.00	3	5.21	4	6.95
Ozamis City	33	31.18	4,983	4,707.83	282	266.43	-	-
Tangub City	1	2.13	23	48.99	8	17.04	-	-
Region 11	911	18.80	42,409	875.28	1,183	24.42	27	0.56
Cotabato South	224	34.29	7,199	1,102.18	391	59.86	4	0.61
Davao Oriental	4	0.94	3,824	894.29	142	33.21	1	0.23
Davao Del Norte	-	-	8,112	645.04	-	-	-	-
Davao Del Sur	63	90.68	5,210	7,499.21	2	2.88	-	-
Saranggani	103	26.38	4,347	1,113.31	1	0.26	2	0.51
Davao City	203	19.11	10,641	1,001.85	647	60.92	17	1.60
Gen. Santos City	314	87.23	3,076	854.51	-	-	3	0.83
Region 12	1,162	46.98	30,795	1,245.03	1,665	67.32	-	-
Lanao Del Norte	61	13.29	3,284	715.61	31	6.76	-	-
North Cotabato	457	50.54	8,751	967.78	1,604	177.39	-	-
Sultan Kudarat	123	22.42	11,648	2,123.49	26	4.74	-	-
Cotabato City	267	174.19	3,020	1,970.29	4	2.61	-	-
Iligan City	254	87.60	2,217	764.58	-	-	-	-
Marawi City	-	-	1,875	1,581.98	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	TYPHOID & PARATYPHOID FEVER		DIARRHEAS		TB OTHER FORMS		TB MENINGITIS	
	(A01)		(A09)		(A17-A19)		(A17.0*,G01*)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	132	6.35	38,777	1,864.55	988	47.51	10	0.48
Lanao Del Sur	33	5.56	8,656	1,457.17	36	6.06	-	-
Maguindanao	52	7.53	17,932	2,595.70	5	0.72	10	1.45
Sulu	18	3.34	7,138	1,325.86	922	171.26	-	-
Tawi-Tawi	29	11.31	5,051	1,969.39	25	9.75	-	-
Caraga	166	8.16	24,060	1,182.37	512	25.16	6	0.29
Agusan Del Norte	7	2.53	2,071	748.32	1	0.36	-	-
Agusan Del Sur	42	7.57	8,377	1,510.28	109	19.65	1	0.18
Surigao Del Norte	17	4.89	2,167	623.97	218	62.77	-	-
Surigao Del Sur	50	10.23	7,629	1,561.42	97	19.85	4	0.82
Butuan City	-	-	2,858	1,110.10	-	-	-	-
Surigao City	50	45.40	958	869.83	87	78.99	1	0.91

Note: nr- no report

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	LEPROSY (A30)		DIPHTHERIA (A36)		WHOOPING COUGH (A37)		TETANUS (A35)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	1,654	2.31	53	0.07	1,004	1.40	677	0.95
NCR	89	0.91	35	0.36	20	0.20	94	0.96
City of Manila	22	1.36	17	1.05	-	-	-	-
Manila, 2nd District	9	1.49	-	-	-	-	-	-
Mandaluyong City	-	-	-	-	-	-	-	-
Pasig City	1	0.20	-	-	8	1.62	-	-
Quezon City	30	1.47	18	0.88	2	0.10	94	4.59
Marikina City	1	0.27	-	-	3	0.80	-	-
Manila, 3rd District	3	0.28	-	-	1	0.09	-	-
Kalookan City	2	0.18	-	-	-	-	-	-
Manila, 4th District	2	0.15	-	-	6	0.45	-	-
Makati City	11	22.63	-	-	-	-	-	-
Pasay City	8	1.94	-	-	-	-	-	-
C.A.R.	26	1.98	2	0.15	24	1.83	44	3.36
Abra	9	4.48	-	-	18	8.95	-	-
Apayao	8	9.17	-	-	-	-	-	-
Benguet	-	-	-	-	-	-	-	-
Ifugao	2	1.28	1	0.64	1	0.64	2	1.28
Kalinga	-	-	-	-	1	0.62	20	12.46
Mt. Province	-	-	1	0.74	4	2.96	-	-
Baguio City	7	2.83	-	-	-	-	22	8.90
Region 1	68	1.73	-	-	-	-	4	0.10
Ilocos Norte	7	1.73	-	-	-	-	-	-
Ilocos Sur	-	-	-	-	-	-	-	-
La Union	5	0.81	-	-	-	-	-	-
Pangasinan	37	1.86	-	-	-	-	-	-
Dagupan City	11	8.47	-	-	-	-	4	3.08
Laoag City	-	-	-	-	-	-	-	-
San Carlos City	8	5.76	-	-	-	-	-	-
Region 2	76	2.88	-	-	42	1.59	21	0.80
Batanes	3	20.70	-	-	-	-	-	-
Cagayan	66	7.13	-	-	38	4.10	2	0.22
Isabela	7	0.63	-	-	3	0.27	11	0.99
Nueva Vizcaya	-	-	-	-	-	-	-	-
Quirino	-	-	-	-	-	-	6	4.33
Santiago City	-	-	-	-	1	0.96	2	1.93

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	LEPROSY (A30)		DIPHTHERIA (A36)		WHOOPIING COUGH (A37)		TETANUS (A35)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	33	0.46	1	0.01	-	-	23	0.32
Bataan	3	0.58	-	-	-	-	-	-
Bulacan	11	0.59	1	0.05	-	-	14	0.75
Nueva Ecija	nr	-	nr	-	nr	-	nr	-
Pampanga	17	1.16	-	-	-	-	-	-
Tarlac	-	-	-	-	-	-	-	-
Zambales	-	-	-	-	-	-	-	-
Angeles City	-	-	-	-	-	-	3	1.24
Cabanatuan City	2	0.95	-	-	-	-	-	-
Olangapo City	-	-	-	-	-	-	6	3.31
Palayan City	nr	-	nr	-	nr	-	nr	-
San Jose City	-	-	-	-	-	-	-	-
Region 4	48	0.46	-	-	180	1.72	14	0.13
Aurora	-	-	-	-	-	-	-	-
Batangas	-	-	-	-	-	-	2	0.15
Cavite	13	0.83	-	-	-	-	-	-
Laguna	12	0.78	-	-	58	3.78	2	0.13
Marinduque	2	0.98	-	-	-	-	-	-
Mindoro Occidental	-	-	-	-	-	-	-	-
Mindoro Oriental	nr	-	nr	-	nr	-	nr	-
Palawan	18	3.35	-	-	30	5.59	3	0.56
Quezon	-	-	-	-	56	3.97	1	0.07
Rizal	-	-	-	-	-	-	-	-
Romblon	-	-	-	-	12	4.78	1	0.40
Batangas City	-	-	-	-	-	-	3	1.37
Cavite City	-	-	-	-	-	-	-	-
Lipa City	-	-	-	-	6	3.27	1	0.54
Lucena City	-	-	-	-	18	9.60	1	0.53
Puerto Princessa City	3	2.15	-	-	-	-	-	-
San Pablo City	-	-	-	-	-	-	-	-
Tagaytay City	-	-	-	-	-	-	-	-
Trece Martires City	-	-	-	-	-	-	-	-
Region 5	56	1.25	1	0.02	38	0.85	27	0.60
Albay	3	0.34	-	-	10	1.12	12	1.34
Camarines Norte	1	0.22	1	0.22	-	-	-	-
Camarines Sur	-	-	-	-	5	0.39	-	-
Catanduanes	2	0.95	-	-	-	-	-	-
Masbate	3	0.45	-	-	16	2.40	10	1.50
Sorsogon	10	1.65	-	-	3	0.49	1	0.16
Iriga City	4	4.76	-	-	-	-	2	2.38
Legaspi City	1	0.67	-	-	-	-	2	1.34
Naga City	32	23.99	-	-	4	3.00	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	LEPROSY (A30)		DIPHTHERIA (A36)		WHOOPIING COUGH (A37)		TETANUS (A35)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	70	1.17	-	-	79	1.32	75	1.25
Aklan	-	-	-	-	-	-	11	2.59
Antique	4	0.90	-	-	4	0.90	23	5.15
Capiz	-	-	-	-	36	6.92	-	-
Guimaras	3	2.29	-	-	-	-	12	9.16
Iloilo	42	2.87	-	-	-	-	-	-
Negros Occidental	5	0.35	-	-	32	2.27	3	0.21
Bacolod City	-	-	-	-	-	-	5	1.18
Bago City	-	-	-	-	-	-	2	1.44
Cadiz City	-	-	-	-	-	-	-	-
Iloilo City	-	-	-	-	-	-	12	3.44
La Carlota City	-	-	-	-	-	-	-	-
Roxas City	4	3.18	-	-	1	0.80	1	0.80
Sagay City	2	1.51	-	-	6	4.54	6	4.54
San Carlos City	10	9.69	-	-	-	-	-	-
Silay City	-	-	-	-	-	-	-	-
Region 7	151	2.89	-	-	21	0.40	53	1.02
Bohol	29	3.03	-	-	5	0.52	5	0.52
Cebu	57	3.24	-	-	-	-	-	-
Negros Oriental	18	2.10	-	-	13	1.52	8	0.93
Siquijor	-	-	-	-	-	-	4	5.23
Bais City	-	-	-	-	-	-	-	-
Canlaon City	1	2.33	-	-	-	-	-	-
Cebu City	36	5.22	-	-	1	0.14	4	0.58
Danao City	4	4.79	-	-	-	-	-	-
Dumaguete City	1	1.02	-	-	-	-	-	-
Lapu-Lapu City	3	1.60	-	-	-	-	-	-
Mandawe City	2	0.99	-	-	-	-	32	15.83
Tagbilaran City	-	-	-	-	-	-	-	-
Toledo City	-	-	-	-	2	1.56	-	-
Region 8	373	10.62	8	0.23	157	4.47	40	1.14
Biliran	10	7.24	-	-	3	2.17	-	-
Leyte Del Norte	243	19.46	-	-	-	-	14	1.12
Leyte Del Sur	17	5.13	-	-	48	14.48	2	0.60
Eastern Samar	13	3.46	-	-	55	14.65	-	-
Northern Samar	39	8.26	3	0.64	7	1.48	2	0.42
Western Samar	29	6.06	-	-	44	9.20	1	0.21
Calbayog City	5	3.70	5	3.70	-	-	8	5.92
Ormoc City	-	-	-	-	-	-	7	4.60
Tacloban City	17	9.38	-	-	-	-	6	3.31

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	LEPROSY (A30)		DIPHTHERIA (A36)		WHOOPIING COUGH (A37)		TETANUS (A35)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	56	1.91	3	0.10	274	9.35	36	1.23
Basilan	8	2.61	3	0.98	9	2.94	10	3.27
Zamboanga Del Norte	1	0.15	-	-	101	15.64	-	-
Zamboanga Del Sur	20	1.76	-	-	7	0.62	7	0.62
Dapitan City	-	-	-	-	129	197.34	-	-
Dipolog City	15	15.65	-	-	-	-	-	-
Pagadian City	1	0.75	-	-	28	20.91	-	-
Zamboanga City	11	2.01	-	-	-	-	19	3.48
Region 10	86	3.32	-	-	14	0.54	9	0.35
Bukidnon	34	3.42	-	-	6	0.60	4	0.40
Camiguin	1	1.43	-	-	6	8.59	-	-
Misamis Occidental	-	-	-	-	-	-	4	1.53
Misamis Oriental	10	1.95	-	-	2	0.39	-	-
Cagayan de Oro	-	-	-	-	-	-	-	-
Gingoog City	-	-	-	-	-	-	-	-
Oroquieta City	6	10.42	-	-	-	-	1	1.74
Ozamis City	35	33.07	-	-	-	-	-	-
Tangub City	-	-	-	-	-	-	-	-
Region 11	97	2.00	3	0.06	10	0.21	178	3.67
Cotabato South	4	0.61	-	-	-	-	27	4.13
Davao Oriental	-	-	-	-	-	-	2	0.47
Davao Del Norte	-	-	-	-	-	-	-	-
Davao Del Sur	28	40.30	-	-	9	12.95	2	2.88
Sarangani	19	4.87	-	-	1	0.26	-	-
Davao City	-	-	3	0.28	-	-	144	13.56
Gen. Santos City	46	12.78	-	-	-	-	3	0.83
Region 12	130	5.26	-	-	32	1.29	8	0.32
Lanao Del Norte	13	2.83	-	-	22	4.79	-	-
North Cotabato	21	2.32	-	-	-	-	-	-
Sultan Kudarat	96	17.50	-	-	10	1.82	4	0.73
Cotabato City	-	-	-	-	-	-	4	2.61
Iligan City	-	-	-	-	-	-	-	-
Marawi City	-	-	-	-	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	LEPROSY (A30)		DIPHTHERIA (A36)		WHOOPING COUGH (A37)		TETANUS (A35)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	253	12.17	-	-	77	3.70	14	0.67
Lanao Del Sur	4	0.67	-	-	10	1.68	10	1.68
Maguindanao	183	26.49	-	-	61	8.83	3	0.43
Sulu	56	10.40	-	-	6	1.11	1	0.19
Tawi-Tawi	10	3.90	-	-	-	-	-	-
Caraga	42	2.06	-	-	36	1.77	37	1.82
Agusan Del Norte	7	2.53	-	-	-	-	-	-
Agusan Del Sur	12	2.16	-	-	8	1.44	3	0.54
Surigao Del Norte	19	5.47	-	-	-	-	-	-
Surigao Del Sur	-	-	-	-	9	1.84	22	4.50
Butuan City	4	1.55	-	-	-	-	-	-
Surigao City	-	-	-	-	19	17.25	12	10.90

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	POLIOMYELITIS (A80)		CHICKENPOX (B01)		MEASLES (B05)		DENGUE (A90-A91)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	8	0.01	64,065	89.54	37,857	52.91	13,290	18.57
NCR	-	-	4,614	47.04	5,305	54.09	1,940	19.78
City of Manila	-	-	1,059	65.57	2,213	137.03	817	50.59
Manila, 2nd District	-	-	140	23.24	146	24.23	1	0.17
Mandaluyong City	-	-	108	37.29	26	8.98	-	-
Pasig City	-	-	316	63.87	272	54.98	15	3.03
Quezon City	-	-	675	32.96	1,127	55.04	773	37.75
Marikina City	-	-	168	44.56	230	61.00	19	5.04
Manila, 3rd District	-	-	559	52.36	598	56.01	43	4.03
Kalookan City	-	-	191	17.54	128	11.76	11	1.01
Manila, 4th District	-	-	798	60.18	313	23.60	93	7.01
Makati City	-	-	384	789.98	140	288.01	28	57.60
Pasay City	-	-	216	52.33	112	27.14	140	33.92
C.A.R.	1	0.08	2,202	167.96	2,020	154.08	41	3.13
Abra	-	-	199	98.98	78	38.80	1	0.50
Apayao	-	-	244	279.64	18	20.63	1	1.15
Benguet	-	-	718	221.81	545	168.37	-	-
Ifugao	-	-	307	196.52	503	321.99	15	9.60
Kalinga	-	-	268	167.01	448	279.19	-	-
Mt. Province	1	0.74	432	319.77	407	301.27	24	17.77
Baguio City	-	-	34	13.75	21	8.49	-	-
Region 1	-	-	15,243	387.50	1,670	42.45	101	2.57
Ilocos Norte	-	-	3,988	986.68	380	94.02	2	0.49
Ilocos Sur	-	-	5,540	991.77	102	18.26	-	-
La Union	-	-	3,798	611.50	106	17.07	11	1.77
Pangasinan	-	-	1,827	91.72	950	47.69	62	3.11
Dagupan City	-	-	38	29.25	93	71.59	25	19.24
Laoag City	-	-	32	35.20	26	28.60	-	-
San Carlos City	-	-	20	14.39	13	9.35	1	0.72
Region 2	-	-	2,963	112.18	1,537	58.19	263	9.96
Batanes	-	-	170	1,173.22	1	6.90	-	-
Cagayan	-	-	408	44.05	160	17.27	25	2.70
Isabela	-	-	1,824	164.49	897	80.89	134	12.08
Nueva Vizcaya	-	-	423	121.01	207	59.22	96	27.46
Quirino	-	-	116	83.76	246	177.64	8	5.78
Santiago City	-	-	22	21.22	26	25.08	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	POLIOMYELITIS (A80)		CHICKENPOX (B01)		MEASLES (B05)		DENGUE (A90-A91)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	-	-	3,277	45.37	2,689	37.23	622	8.61
Bataan	-	-	754	146.89	146	28.44	48	9.35
Bulacan	-	-	866	46.24	1,104	58.94	46	2.46
Nueva Ecija	nr	-	nr	-	nr	-	nr	-
Pampanga	-	-	756	51.53	484	32.99	32	2.18
Tarlac	-	-	457	46.61	375	38.25	14	1.43
Zambales	-	-	89	21.90	60	14.77	14	3.45
Angeles City	-	-	293	121.31	294	121.73	263	108.89
Cabanatuan City	-	-	10	4.77	171	81.56	22	10.49
Olangapo City	-	-	27	14.89	45	24.81	182	100.35
Palayan City	nr	-	nr	-	nr	-	nr	-
San Jose City	-	-	25	24.71	10	9.89	1	0.99
Region 4	1	0.01	5,639	53.85	5,026	47.99	1,221	11.66
Aurora	-	-	285	169.39	42	24.96	7	4.16
Batangas	-	-	812	62.35	733	56.28	185	14.20
Cavite	-	-	1,049	67.25	633	40.58	63	4.04
Laguna	-	-	445	28.98	937	61.03	69	4.49
Marinduque	-	-	82	40.29	91	44.71	118	57.98
Mindoro Occidental	-	-	284	80.41	129	36.52	1	0.28
Mindoro Oriental	nr	-	nr	-	nr	-	nr	-
Palawan	1	0.19	407	75.77	539	100.35	39	7.26
Quezon	-	-	501	35.50	317	22.46	120	8.50
Rizal	-	-	383	26.34	512	35.21	39	2.68
Romblon	-	-	182	72.56	247	98.48	-	-
Batangas City	-	-	232	105.93	108	49.31	71	32.42
Cavite City	-	-	107	116.90	5	5.46	-	-
Lipa City	-	-	472	256.87	355	193.20	270	146.94
Lucena City	-	-	127	67.72	172	91.72	45	24.00
Puerto Princessa City	-	-	68	48.72	17	12.18	77	55.17
San Pablo City	-	-	156	82.05	180	94.67	113	59.43
Tagaytay City	-	-	35	115.11	5	16.44	1	3.29
Trece Martires City	-	-	12	56.51	4	18.84	3	14.13
Region 5	1	0.02	4,553	101.45	3,444	76.74	289	6.44
Albay	-	-	631	70.54	340	38.01	25	2.79
Camarines Norte	-	-	861	186.27	485	104.93	-	-
Camarines Sur	-	-	1,505	117.66	714	55.82	20	1.56
Catanduanes	-	-	92	43.76	67	31.87	-	-
Masbate	1	0.15	542	81.13	1,210	181.13	160	23.95
Sorsogon	-	-	610	100.54	500	82.41	4	0.66
Iriga City	-	-	-	-	10	11.90	-	-
Legaspi City	-	-	233	155.79	60	40.12	46	30.76
Naga City	-	-	79	59.22	58	43.48	34	25.49

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	POLIOMYELITIS (A80)		CHICKENPOX (B01)		MEASLES (B05)		DENGUE (A90-A91)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	-	-	6,460	107.93	2,318	38.73	1,453	24.28
Aklan	-	-	124	29.21	194	45.69	5	1.18
Antique	-	-	558	124.88	142	31.78	187	41.85
Capiz	-	-	234	44.97	62	11.91	46	8.84
Guimaras	-	-	288	219.91	36	27.49	20	15.27
Iloilo	-	-	688	46.99	155	10.59	109	7.44
Negros Occidental	-	-	2,430	172.18	724	51.30	49	3.47
Bacolod City	-	-	241	56.81	95	22.39	463	109.13
Bago City	-	-	232	167.04	121	87.12	16	11.52
Cadiz City	-	-	98	77.17	177	139.37	17	13.39
Iloilo City	-	-	77	22.09	34	9.75	153	43.89
La Carlota City	-	-	236	409.87	46	79.89	11	19.10
Roxas City	-	-	93	74.01	57	45.36	224	178.27
Sagay City	-	-	173	130.94	23	17.41	60	45.41
San Carlos City	-	-	790	765.64	335	324.67	15	14.54
Silay City	-	-	198	152.20	117	89.93	78	59.96
Region 7	-	-	4,927	94.45	3,391	65.00	932	17.87
Bohol	-	-	1,687	176.06	333	34.75	85	8.87
Cebu	-	-	1,305	74.29	1,223	69.62	387	22.03
Negros Oriental	-	-	860	100.37	1,188	138.65	223	26.03
Siquijor	-	-	26	33.99	51	66.68	21	27.46
Bais City	-	-	13	20.02	8	12.32	-	-
Canlaon City	-	-	110	255.97	49	114.03	-	-
Cebu City	-	-	460	66.68	30	4.35	-	-
Danao City	-	-	20	23.97	36	43.14	71	85.09
Dumaguete City	-	-	45	46.12	36	36.90	101	103.51
Lapu-Lapu City	-	-	153	81.81	70	37.43	14	7.49
Mandawe City	-	-	68	33.64	28	13.85	10	4.95
Tagbilaran City	-	-	168	232.60	190	263.06	-	-
Toledo City	-	-	12	9.35	149	116.15	20	15.59
Region 8	3	0.09	2,323	66.13	1,664	47.37	887	25.25
Biliran	-	-	129	93.40	120	86.88	6	4.34
Leyte Del Norte	-	-	562	45.01	280	22.43	1	0.08
Leyte Del Sur	-	-	561	169.26	291	87.80	25	7.54
Eastern Samar	-	-	435	115.85	253	67.38	207	55.13
Northern Samar	-	-	239	50.60	235	49.75	84	17.78
Western Samar	-	-	324	67.72	307	64.17	72	15.05
Calbayog City	-	-	36	26.66	118	87.39	5	3.70
Ormoc City	3	1.97	7	4.60	16	10.52	31	20.39
Tacloban City	-	-	30	16.56	44	24.28	456	251.65

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	POLIOMYELITIS (A80)		CHICKENPOX (B01)		MEASLES (B05)		DENGUE (A90-A91)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	-	-	1,247	42.54	1,000	34.12	260	8.87
Basilan	-	-	75	24.50	276	90.17	1	0.33
Zamboanga Del Norte	-	-	415	64.25	176	27.25	28	4.33
Zamboanga Del Sur	-	-	321	28.22	134	11.78	23	2.02
Dapitan City	-	-	98	149.92	101	154.51	-	-
Dipolog City	-	-	9	9.39	12	12.52	-	-
Pagadian City	-	-	28	20.91	83	61.99	58	43.32
Zamboanga City	-	-	301	55.09	218	39.90	150	27.45
Region 10	-	-	1,939	74.76	1,177	45.38	1,467	56.56
Bukidnon	-	-	1,085	109.10	680	68.38	358	36.00
Camiguin	-	-	84	120.31	4	5.73	120	171.87
Misamis Occidental	-	-	145	55.63	88	33.76	26	9.98
Misamis Oriental	-	-	358	69.75	98	19.09	72	14.03
Cagayan de Oro	-	-	-	-	213	46.65	889	194.71
Gingoog City	-	-	24	27.14	5	5.65	-	-
Oroquieta City	-	-	155	269.20	5	8.68	2	3.47
Ozamis City	-	-	84	79.36	84	79.36	-	-
Tangub City	-	-	4	8.52	-	-	-	-
Region 11	-	-	4,084	84.29	2,375	49.02	2,599	53.64
Cotabato South	-	-	449	68.74	204	31.23	422	64.61
Davao Oriental	-	-	306	71.56	352	82.32	24	5.61
Davao Del Norte	-	-	1,568	124.68	669	53.20	936	74.43
Davao Del Sur	-	-	332	477.88	35	50.38	223	320.98
Saranggani	-	-	434	111.15	58	14.85	22	5.63
Davao City	-	-	811	76.36	986	92.83	803	75.60
Gen. Santos City	-	-	184	51.11	71	19.72	169	46.95
Region 12	-	-	1,040	42.05	1,293	52.28	976	39.46
Lanao Del Norte	-	-	209	45.54	325	70.82	97	21.14
North Cotabato	-	-	410	45.34	256	28.31	78	8.63
Sultan Kudarat	-	-	281	51.23	145	26.43	67	12.21
Cotabato City	-	-	68	44.36	34	22.18	275	179.41
Iligan City	-	-	72	24.83	295	101.74	459	158.30
Marawi City	-	-	-	-	238	200.81	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	POLIOMYELITIS (A80)		CHICKENPOX (B01)		MEASLES (B05)		DENGUE (A90-A91)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	-	-	1,661	79.87	1,626	78.18	89	4.28
Lanao Del Sur	-	-	694	116.83	527	88.72	16	2.69
Maguindanao	-	-	624	90.33	305	44.15	72	10.42
Sulu	-	-	316	58.70	738	137.08	1	0.19
Tawi-Tawi	-	-	27	10.53	56	21.83	-	-
Caraga	2	0.10	1,893	93.03	1,322	64.97	150	7.37
Agusan Del Norte	-	-	127	45.89	72	26.02	11	3.97
Agusan Del Sur	-	-	720	129.81	442	79.69	42	7.57
Surigao Del Norte	2	0.58	181	52.12	349	100.49	-	-
Surigao Del Sur	-	-	562	115.02	286	58.54	76	15.55
Butuan City	-	-	242	94.00	99	38.45	-	-
Surigao City	-	-	61	55.39	74	67.19	21	19.07

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	VIRAL HEPATITIS (B15-B19)		MALARIA (B50-B54)		SYPHILIS (A50-A53)		GONORRHEA (A54)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	5,356	7.49	69,248	96.78	210	0.29	2,001	2.80
NCR	805	8.21	22	0.22	23	0.23	259	2.64
City of Manila	225	13.93	13	0.80	-	-	20	1.24
Manila, 2nd District	31	5.15	-	-	-	-	2	0.33
Mandaluyong City	-	-	-	-	-	-	-	-
Pasig City	33	6.67	-	-	1	0.20	-	-
Quezon City	240	11.72	8	0.39	22	1.07	-	-
Marikina City	11	2.92	1	0.27	-	-	4	1.06
Manila, 3rd District	100	9.37	-	-	-	-	2	0.19
Kalookan City	49	4.50	-	-	-	-	2	0.18
Manila, 4th District	69	5.20	-	-	-	-	5	0.38
Makati City	21	43.20	-	-	-	-	220	452.59
Pasay City	26	6.30	-	-	-	-	4	0.97
C.A.R.	217	16.55	12,728	970.83	15	1.14	106	8.09
Abra	13	6.47	428	212.88	-	-	-	-
Apayao	5	5.73	7,047	8,076.42	-	-	-	-
Benguet	45	13.90	-	-	-	-	1	0.31
Ifugao	44	28.17	616	394.32	-	-	-	-
Kalinga	75	46.74	4,196	2,614.87	-	-	-	-
Mt. Province	35	25.91	441	326.43	-	-	-	-
Baguio City	-	-	-	-	15	6.07	105	42.47
Region 1	194	4.93	24	0.61	-	-	22	0.56
Ilocos Norte	-	-	4	0.99	-	-	-	-
Ilocos Sur	62	11.10	-	-	-	-	-	-
La Union	31	4.99	-	-	-	-	-	-
Pangasinan	84	4.22	20	1.00	-	-	-	-
Dagupan City	12	9.24	-	-	-	-	22	16.94
Laoag City	-	-	-	-	-	-	-	-
San Carlos City	5	3.60	-	-	-	-	-	-
Region 2	199	7.53	4,412	167.04	-	-	20	0.76
Batanes	-	-	6	41.41	-	-	-	-
Cagayan	65	7.02	3,036	327.79	-	-	18	1.94
Isabela	13	1.17	936	84.41	-	-	-	-
Nueva Vizcaya	-	-	-	-	-	-	-	-
Quirino	59	42.60	425	306.89	-	-	-	-
Santiago City	62	59.81	9	8.68	-	-	2	1.93

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	VIRAL HEPATITIS (B15-B19)		MALARIA (B50-B54)		SYPHILIS (A50-A53)		GONORRHEA (A54)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	259	3.59	441	6.11	-	-	139	1.92
Bataan	34	6.62	45	8.77	-	-	-	-
Bulacan	125	6.67	278	14.84	-	-	-	-
Nueva Ecija	nr	-	nr	-	nr	-	nr	-
Pampanga	5	0.34	-	-	-	-	-	-
Tarlac	14	1.43	7	0.71	-	-	-	-
Zambales	16	3.94	82	20.18	-	-	-	-
Angeles City	57	23.60	-	-	-	-	101	41.82
Cabanatuan City	-	-	-	-	-	-	-	-
Olangapo City	8	4.41	29	15.99	-	-	38	20.95
Palayan City	nr	-	nr	-	nr	-	nr	-
San Jose City	-	-	-	-	-	-	-	-
Region 4	793	7.57	22,800	217.72	110	1.05	48	0.46
Aurora	-	-	56	33.28	-	-	-	-
Batangas	96	7.37	-	-	-	-	6	0.46
Cavite	61	3.91	10	0.64	-	-	5	0.32
Laguna	41	2.67	4	0.26	-	-	-	-
Marinduque	22	10.81	2	0.98	-	-	-	-
Mindoro Occidental	8	2.27	1,075	304.37	110	31.14	22	6.23
Mindoro Oriental	nr	-	nr	-	nr	-	nr	-
Palawan	28	5.21	18,446	3,434.09	-	-	14	2.61
Quezon	-	-	503	35.64	-	-	1	0.07
Rizal	291	20.01	-	-	-	-	-	-
Romblon	77	30.70	22	8.77	-	-	-	-
Batangas City	3	1.37	-	-	-	-	-	-
Cavite City	11	12.02	-	-	-	-	-	-
Lipa City	32	17.42	-	-	-	-	-	-
Lucena City	48	25.60	3	1.60	-	-	-	-
Puerto Princessa City	36	25.79	2,679	1,919.36	-	-	-	-
San Pablo City	38	19.99	-	-	-	-	-	-
Tagaytay City	-	-	-	-	-	-	-	-
Trece Martires City	1	4.71	-	-	-	-	-	-
Region 5	348	7.75	74	1.65	9	0.20	171	3.81
Albay	72	8.05	-	-	-	-	1	0.11
Camarines Norte	46	9.95	-	-	-	-	21	4.54
Camarines Sur	47	3.67	70	5.47	-	-	2	0.16
Catanduanes	57	27.11	-	-	-	-	-	-
Masbate	39	5.84	-	-	-	-	3	0.45
Sorsogon	20	3.30	-	-	1	0.16	4	0.66
Iriga City	-	-	-	-	-	-	-	-
Legaspi City	59	39.45	-	-	8	5.35	140	93.61
Naga City	8	6.00	4	3.00	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	VIRAL HEPATITIS (B15-B19)		MALARIA (B50-B54)		SYPHILIS (A50-A53)		GONORRHEA (A54)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	1,138	19.01	10	0.17	53	0.89	685	11.44
Aklan	70	16.49	2	0.47	-	-	272	64.07
Antique	220	49.24	2	0.45	3	0.67	19	4.25
Capiz	19	3.65	-	-	-	-	-	-
Guimaras	111	84.76	4	3.05	-	-	-	-
Iloilo	110	7.51	-	-	-	-	-	-
Negros Occidental	121	8.57	-	-	-	-	-	-
Bacolod City	145	34.18	-	-	10	2.36	163	38.42
Bago City	9	6.48	-	-	-	-	7	5.04
Cadiz City	53	41.73	-	-	-	-	-	-
Iloilo City	78	22.38	2	0.57	40	11.48	194	55.66
La Carlota City	30	52.10	-	-	-	-	-	-
Roxas City	58	46.16	-	-	-	-	30	23.88
Sagay City	8	6.06	-	-	-	-	-	-
San Carlos City	66	63.96	-	-	-	-	-	-
Silay City	40	30.75	-	-	-	-	-	-
Region 7	225	4.31	30	0.58	-	-	-	-
Bohol	88	9.18	3	0.31	-	-	-	-
Cebu	47	2.68	-	-	-	-	-	-
Negros Oriental	53	6.19	27	3.15	-	-	-	-
Siquijor	18	23.53	-	-	-	-	-	-
Bais City	3	4.62	-	-	-	-	-	-
Canlaon City	3	6.98	-	-	-	-	-	-
Cebu City	-	-	-	-	-	-	-	-
Danao City	-	-	-	-	-	-	-	-
Dumaguete City	-	-	-	-	-	-	-	-
Lapu-Lapu City	1	0.53	-	-	-	-	-	-
Mandawe City	6	2.97	-	-	-	-	-	-
Tagbilaran City	-	-	-	-	-	-	-	-
Toledo City	6	4.68	-	-	-	-	-	-
Region 8	103	2.93	4	0.11	-	-	72	-
Biliran	8	5.79	-	-	-	-	-	-
Leyte Del Norte	-	-	-	-	-	-	-	-
Leyte Del Sur	18	5.43	-	-	-	-	-	-
Eastern Samar	10	2.66	1	0.27	-	-	-	-
Northern Samar	26	5.50	-	-	-	-	-	-
Western Samar	8	1.67	3	0.63	-	-	26	5.43
Calbayog City	9	6.67	-	-	-	-	46	34.07
Ormoc City	23	15.13	-	-	-	-	-	-
Tacloban City	1	0.55	-	-	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	VIRAL HEPATITIS (B15-B19)		MALARIA (B50-B54)		SYPHILIS (A50-A53)		GONORRHEA (A54)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	123	4.20	959	32.72	-	-	169	5.77
Basilan	8	2.61	622	203.20	-	-	-	-
Zamboanga Del Norte	-	-	100	15.48	-	-	-	-
Zamboanga Del Sur	85	7.47	220	19.34	-	-	-	-
Dapitan City	6	9.18	-	-	-	-	-	-
Dipolog City	-	-	-	-	-	-	121	126.22
Pagadian City	-	-	2	1.49	-	-	-	-
Zamboanga City	24	4.39	15	2.75	-	-	48	8.79
Region 10	281	10.83	400	15.42	-	-	22	0.85
Bukidnon	141	14.18	174	17.50	-	-	-	-
Camiguin	20	28.64	2	2.86	-	-	-	-
Misamis Occidental	45	17.26	17	6.52	-	-	2	0.77
Misamis Oriental	41	7.99	87	16.95	-	-	-	-
Cagayan de Oro	-	-	-	-	-	-	-	-
Gingoog City	-	-	120	135.69	-	-	-	-
Oroquieta City	34	59.05	-	-	-	-	-	-
Ozamis City	-	-	-	-	-	-	20	18.90
Tangub City	-	-	-	-	-	-	-	-
Region 11	320	6.60	8,671	178.96	-	-	238	4.91
Cotabato South	30	4.59	188	28.78	-	-	40	6.12
Davao Oriental	-	-	2,090	488.77	-	-	-	-
Davao Del Norte	158	12.56	2,434	193.54	-	-	-	-
Davao Del Sur	6	8.64	3,490	5,023.46	-	-	-	-
Saranggani	6	1.54	424	108.59	-	-	-	-
Davao City	116	10.92	45	4.24	-	-	198	18.64
Gen. Santos City	4	1.11	-	-	-	-	-	-
Region 12	136	5.50	920	37.20	-	-	7	0.28
Lanao Del Norte	3	0.65	200	43.58	-	-	-	-
North Cotabato	54	5.97	54	5.97	-	-	-	-
Sultan Kudarat	52	9.48	650	118.50	-	-	-	-
Cotabato City	27	17.62	16	10.44	-	-	7	4.57
Iligan City	-	-	-	-	-	-	-	-
Marawi City	-	-	-	-	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	VIRAL HEPATITIS (B15-B19)		MALARIA (B50-B54)		SYPHILIS (A50-A53)		GONORRHEA (A54)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	18	0.87	9,972	479.49	-	-	-	-
Lanao Del Sur	3	0.51	-	-	-	-	-	-
Maguindanao	2	0.29	547	79.18	-	-	-	-
Sulu	12	2.23	3,554	660.14	-	-	-	-
Tawi-Tawi	1	0.39	5,871	2,289.10	-	-	-	-
Caraga	197	9.68	7,781	382.38	-	-	43	2.11
Agusan Del Norte	16	5.78	376	135.86	-	-	-	-
Agusan Del Sur	89	16.05	5,333	961.48	-	-	-	-
Surigao Del Norte	16	4.61	2	0.58	-	-	-	-
Surigao Del Sur	47	9.62	1,221	249.90	-	-	5	1.02
Butuan City	-	-	838	325.50	-	-	-	-
Surigao City	29	26.33	11	9.99	-	-	38	34.50

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS (B65)		FILARIASIS (B74)		MALIGNANT NEOPLASM (C00-C97)		DISEASES OF THE HEART (I00-I99)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	12,524	17.50	1,025	1.43	4,723	6.60	63,794	89.16
NCR	-	-	-	-	1,247	12.71	5,227	53.29
City of Manila	-	-	-	-	691	42.79	2,849	176.41
Manila, 2nd District	-	-	-	-	4	0.66	100	16.60
Mandaluyong City	-	-	-	-	-	-	378	130.52
Pasig City	-	-	-	-	-	-	130	26.28
Quezon City	-	-	-	-	290	14.16	593	28.96
Marikina City	-	-	-	-	2	0.53	7	1.86
Manila, 3rd District	-	-	-	-	3	0.28	670	62.75
Kalookan City	-	-	-	-	-	-	23	2.11
Manila, 4th District	-	-	-	-	1	0.08	342	25.79
Makati City	-	-	-	-	250	514.31	38	78.17
Pasay City	-	-	-	-	6	1.45	97	23.50
C.A.R.	-	-	-	-	84	6.41	2,045	155.98
Abra	-	-	-	-	82	40.79	530	263.61
Apayao	-	-	-	-	-	-	187	214.32
Benguet	-	-	-	-	-	-	608	187.83
Ifugao	-	-	-	-	-	-	114	72.97
Kalinga	-	-	-	-	1	0.62	163	101.58
Mt. Province	-	-	-	-	1	0.74	433	320.51
Baguio City	-	-	-	-	-	-	10	4.04
Region 1	-	-	-	-	9	0.23	1,242	31.57
Ilocos Norte	-	-	-	-	-	-	188	46.51
Ilocos Sur	-	-	-	-	-	-	316	56.57
La Union	-	-	-	-	1	0.16	191	30.75
Pangasinan	-	-	-	-	2	0.10	434	21.79
Dagupan City	-	-	-	-	-	-	-	-
Laoag City	-	-	-	-	6	6.60	49	53.90
San Carlos City	-	-	-	-	-	-	64	46.04
Region 2	-	-	-	-	392	14.84	3,204	121.31
Batanes	-	-	-	-	1	6.90	27	186.34
Cagayan	-	-	-	-	60	6.48	785	84.76
Isabela	-	-	-	-	329	29.67	1,577	142.22
Nueva Vizcaya	-	-	-	-	2	0.57	478	136.75
Quirino	-	-	-	-	-	-	330	238.29
Santiago City	-	-	-	-	-	-	7	6.75

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS (B65)		FILARIASIS (B74)		MALIGNANT NEOPLASM (C00-C97)		DISEASES OF THE HEART (I00-I99)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	-	-	-	-	859	11.89	11,159	154.49
Bataan	-	-	-	-	50	9.74	377	73.45
Bulacan	-	-	-	-	88	4.70	1,990	106.25
Nueva Ecija	nr	-	nr	-	nr	-	nr	-
Pampanga	-	-	-	-	1	0.07	1,533	104.50
Tarlac	-	-	-	-	15	1.53	373	38.05
Zambales	-	-	-	-	10	2.46	217	53.41
Angeles City	-	-	-	-	636	263.32	6,350	2,629.09
Cabanatuan City	-	-	-	-	-	-	13	6.20
Olangapo City	-	-	-	-	59	32.53	274	151.08
Palayan City	nr	-	nr	-	nr	-	nr	-
San Jose City	-	-	-	-	-	-	32	31.63
Region 4	-	-	114	1.09	378	3.61	8,165	77.97
Aurora	-	-	-	-	8	4.75	288	171.17
Batangas	-	-	-	-	38	2.92	767	58.89
Cavite	-	-	-	-	175	11.22	1,166	74.75
Laguna	-	-	-	-	84	5.47	963	62.72
Marinduque	-	-	114	56.01	-	-	140	68.78
Mindoro Occidental	-	-	-	-	-	-	185	52.38
Mindoro Oriental	nr	-	nr	-	nr	-	nr	-
Palawan	-	-	-	-	1	0.19	224	41.70
Quezon	-	-	-	-	30	2.13	800	56.69
Rizal	-	-	-	-	7	0.48	907	62.38
Romblon	-	-	-	-	22	8.77	659	262.74
Batangas City	-	-	-	-	-	-	190	86.75
Cavite City	-	-	-	-	-	-	189	206.48
Lipa City	-	-	-	-	10	5.44	438	238.37
Lucena City	-	-	-	-	2	1.07	1,032	550.30
Puerto Princessa City	-	-	-	-	-	-	49	35.11
San Pablo City	-	-	-	-	1	0.53	34	17.88
Tagaytay City	-	-	-	-	-	-	134	440.72
Trece Martires City	-	-	-	-	-	-	-	-
Region 5	-	-	329	7.33	99	2.21	6,496	144.75
Albay	-	-	-	-	35	3.91	788	88.10
Camarines Norte	-	-	15	3.25	-	-	2,346	507.55
Camarines Sur	-	-	39	3.05	10	0.78	888	69.42
Catanduanes	-	-	9	4.28	8	3.81	1,080	513.72
Masbate	-	-	-	-	1	0.15	323	48.35
Sorsogon	-	-	266	43.84	-	-	424	69.88
Iriga City	-	-	-	-	18	21.43	214	254.72
Legaspi City	-	-	-	-	5	3.34	272	181.86
Naga City	-	-	-	-	22	16.49	161	120.69

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS (B65)		FILARIASIS (B74)		MALIGNANT NEOPLASM (C00-C97)		DISEASES OF THE HEART (I00-I99)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	-	-	-	-	630	10.53	6,190	103.42
Aklan	-	-	-	-	5	1.18	878	206.80
Antique	-	-	-	-	29	6.49	1,186	265.43
Capiz	-	-	-	-	19	3.65	497	95.51
Guimaras	-	-	-	-	40	30.54	753	574.98
Iloilo	-	-	-	-	35	2.39	882	60.24
Negros Occidental	-	-	-	-	34	2.41	429	30.40
Bacolod City	-	-	-	-	179	42.19	203	47.85
Bago City	-	-	-	-	1	0.72	6	4.32
Cadiz City	-	-	-	-	-	-	313	246.46
Iloilo City	-	-	-	-	253	72.58	688	197.38
La Carlota City	-	-	-	-	31	53.84	244	423.77
Roxas City	-	-	-	-	-	-	15	11.94
Sagay City	-	-	-	-	3	2.27	3	2.27
San Carlos City	-	-	-	-	1	0.97	93	90.13
Silay City	-	-	-	-	-	-	-	-
Region 7	9	0.17	-	-	231	4.43	2,059	39.47
Bohol	7	0.73	-	-	57	5.95	737	76.92
Cebu	-	-	-	-	146	8.31	297	16.91
Negros Oriental	2	0.23	-	-	3	0.35	733	85.55
Siquijor	-	-	-	-	20	26.15	25	32.69
Bais City	-	-	-	-	-	-	-	-
Carlaon City	-	-	-	-	1	2.33	-	-
Cebu City	-	-	-	-	-	-	72	10.44
Danao City	-	-	-	-	-	-	-	-
Dumaguete City	-	-	-	-	4	4.10	26	26.65
Lapu-Lapu City	-	-	-	-	-	-	147	78.60
Mandawe City	-	-	-	-	-	-	22	10.88
Tagbilaran City	-	-	-	-	-	-	-	-
Toledo City	-	-	-	-	-	-	-	-
Region 8	2,332	66.39	79	2.25	146	4.16	3,223	91.75
Biliran	-	-	-	-	-	-	13	9.41
Leyte Del Norte	1,618	129.59	64	5.13	107	8.57	1,046	83.78
Leyte Del Sur	-	-	-	-	18	5.43	568	171.38
Eastern Samar	228	60.72	15	3.99	6	1.60	486	129.43
Northern Samar	146	30.91	-	-	5	1.06	402	85.10
Western Samar	91	19.02	-	-	10	2.09	290	60.61
Calbayog City	249	184.41	-	-	-	-	51	37.77
Ormoc City	-	-	-	-	-	-	367	241.39
Tacloban City	-	-	-	-	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS (B65)		FILARIASIS (B74)		MALIGNANT NEOPLASM (C00-C97)		DISEASES OF THE HEART (I00-I99)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	367	12.52	9	0.31	278	9.48	1,769	60.35
Basilan	-	-	9	2.94	2	0.65	215	70.24
Zamboanga Del Norte	9	1.39	-	-	11	1.70	226	34.99
Zamboanga Del Sur	358	31.47	-	-	3	0.26	265	23.30
Dapitan City	-	-	-	-	-	-	1	1.53
Dipolog City	-	-	-	-	-	-	-	-
Pagadian City	-	-	-	-	7	5.23	24	17.92
Zamboanga City	-	-	-	-	255	46.67	1,038	189.99
Region 10	606	23.37	-	-	61	2.35	4,275	164.83
Bukidnon	606	60.94	-	-	43	4.32	358	36.00
Camiguin	-	-	-	-	3	4.30	146	209.10
Misamis Occidental	-	-	-	-	12	4.60	143	54.86
Misamis Oriental	-	-	-	-	3	0.58	42	8.18
Cagayan de Oro	-	-	-	-	-	-	3,430	751.23
Gingoog City	-	-	-	-	-	-	47	53.15
Oroquieta City	-	-	-	-	-	-	75	130.26
Ozamis City	-	-	-	-	-	-	21	19.84
Tangub City	-	-	-	-	-	-	13	27.69
Region 11	5,274	108.85	494	10.20	188	3.88	3,670	75.75
Cotabato South	236	36.13	34	5.21	8	1.22	413	63.23
Davao Oriental	35	8.19	285	66.65	-	-	111	25.96
Davao Del Norte	4,970	395.20	133	10.58	42	3.34	242	19.24
Davao Del Sur	15	21.59	42	60.45	-	-	280	403.03
Sarangani	-	-	-	-	-	-	15	3.84
Davao City	18	1.69	-	-	135	12.71	2,583	243.19
Gen. Santos City	-	-	-	-	3	0.83	26	7.22
Region 12	1,853	74.92	-	-	50	2.02	3,235	130.79
Lanao Del Norte	1,845	402.04	-	-	-	-	86	18.74
North Cotabato	-	-	-	-	45	4.98	465	51.42
Sultan Kudarat	8	1.46	-	-	4	0.73	1,116	203.45
Cotabato City	-	-	-	-	1	0.65	935	610.01
Iligan City	-	-	-	-	-	-	475	163.81
Marawi City	-	-	-	-	-	-	158	133.31

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS (B65)		FILARIASIS (B74)		MALIGNANT NEOPLASM (C00-C97)		DISEASES OF THE HEART (I00-I99)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	10	0.48	-	-	31	1.49	1,342	64.53
Lanao Del Sur	2	0.34	-	-	9	1.52	156	26.26
Maguindanao	8	1.16	-	-	22	3.18	-	-
Sulu	-	-	-	-	-	-	655	121.66
Tawi-Tawi	-	-	-	-	-	-	531	207.04
Caraga	2,073	101.87	-	-	40	1.97	493	24.23
Agusan Del Norte	520	187.89	-	-	2	0.72	2	0.72
Agusan Del Sur	1,266	228.25	-	-	20	3.61	143	25.78
Surigao Del Norte	48	13.82	-	-	13	3.74	90	25.91
Surigao Del Sur	191	39.09	-	-	5	1.02	70	14.33
Butuan City	-	-	-	-	-	-	-	-
Surigao City	48	43.58	-	-	-	-	188	170.70

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	BRONCHITIS (J40)		PNEUMONIAS (J12-J18)		INFLUENZA (J10-J11)		TB RESPIRATORY (A15)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	637,905	891.6	672,681	940.2	574,748	803.3	225,397	315.0
NCR	80,879	824.6	113,843	1,160.7	20,944	213.5	40,021	408.0
City of Manila	15,265	945.2	15,311	948.0	2,983	184.7	15,524	961.2
Manila, 2nd District	4,754	789.0	7,006	1,162.8	745	123.6	1,551	257.4
Mandaluyong City	1,439	496.9	3,238	1,118.0	644	222.4	260	89.8
Pasig City	7,154	1,446.0	8,836	1,786.0	2,400	485.1	2,013	406.9
Quezon City	2,168	105.9	25,456	1,243.2	936	45.7	7,793	380.6
Marikina City	822	218.0	6,402	1,698.0	653	173.2	954	253.0
Manila, 3rd District	13,488	1,263.3	9,815	919.3	3,435	321.7	3,082	288.7
Kalookan City	9,217	846.6	2,659	244.2	2,680	246.1	2,453	225.3
Manila, 4th District	15,323	1,155.5	18,695	1,409.7	3,848	290.2	4,349	327.9
Makati City	5,779	11,888.7	9,560	19,667.1	2,211	4,548.5	1,333	2,742.3
Pasay City	5,470	1,325.3	6,865	1,663.3	409	99.1	709	171.8
C.A.R.	25,683	1,959.0	30,890	2,356.1	20,424	1,557.8	28,520	2,175.4
Abra	4,432	2,204.4	5,686	2,828.1	6,442	3,204.2	368	183.0
Apayao	1,186	1,359.3	3,803	4,358.5	1,422	1,629.7	381	436.7
Benguet	5,470	1,689.8	6,652	2,055.0	2,737	845.5	363	112.1
Ifugao	3,581	2,292.3	6,594	4,221.0	5,179	3,315.2	452	289.3
Kalinga	5,414	3,373.9	3,676	2,290.8	2,311	1,440.2	503	313.5
Mt. Province	4,169	3,086.0	3,520	2,605.6	2,220	1,643.3	170	125.8
Baguio City	1,431	578.7	959	387.9	113	45.7	-	-
Region 1	26,830	682.1	20,270	515.3	23,579	599.4	26,283	668.1
Ilocos Norte	3,665	906.8	1,930	477.5	3,805	941.4	424	104.9
Ilocos Sur	6,134	1,098.1	3,227	577.7	4,033	722.0	674	120.7
La Union	3,198	514.9	3,699	595.6	2,953	475.4	497	80.0
Pangasinan	12,521	628.6	9,243	464.0	11,050	554.7	8,929	448.2
Dagupan City	1,194	919.1	1,013	779.8	251	193.2	166	127.8
Laoag City	50	55.0	47	51.7	468	514.8	47	51.7
San Carlos City	68	48.9	1,111	799.3	1,019	733.1	451	324.5
Region 2	81,177	3,073.4	19,433	735.8	58,761	2,224.8	15,095	571.5
Batanes	261	1,801.2	73	503.8	389	2,684.6	12	82.8
Cagayan	8,679	937.1	5,077	548.2	11,360	1,226.5	1,362	147.1
Isabela	60,881	5,490.4	9,652	870.4	36,483	3,290.1	1,378	124.3
Nueva Vizcaya	7,201	2,060.1	2,317	662.9	7,937	2,270.6	227	64.9
Quirino	3,128	2,258.7	1,997	1,442.0	2,105	1,520.0	196	141.5
Santiago City	1,027	990.7	317	305.8	487	469.8	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	BRONCHITIS (J40)		PNEUMONIAS (J12-J18)		INFLUENZA (J10-J11)		TB RESPIRATORY (A15)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	41,347	572.4	31,917	441.9	25,349	350.9	11,920	165.0
Bataan	6,773	1,319.5	5,034	980.7	2,681	522.3	909	177.1
Bulacan	12,935	690.6	7,595	405.5	3,188	170.2	2,705	144.4
Nueva Ecija	nr		nr		nr		nr	
Pampanga	6,013	409.9	4,384	298.8	4,099	279.4	3,335	227.3
Tarlac	6,987	712.7	3,265	333.0	8,619	879.1	951	97.0
Zambales	3,700	910.6	1,973	485.6	965	237.5	859	211.4
Angeles City	4,598	1,903.7	8,143	3,371.5	5,572	2,307.0	2,810	1,163.4
Cabanatuan City	105	50.1	923	440.2	6	2.9	113	53.9
Olangapo City	134	73.9	506	279.0	64	35.3	238	131.2
Palayan City	nr		nr		nr		nr	
San Jose City	102	100.8	94	92.9	155	153.2	101	99.8
Region 4	60,436	577.1	50,181	479.2	54,398	519.4	17,207	164.3
Aurora	770	457.7	561	333.4	829	492.7	347	206.2
Batangas	9,848	756.2	7,936	609.3	4,787	367.6	2,299	176.5
Cavite	4,436	284.4	6,467	414.6	3,447	221.0	4,778	306.3
Laguna	6,155	400.9	3,761	245.0	5,113	333.0	3,375	219.8
Marinduque	1,004	493.3	569	279.6	414	203.4	304	149.4
Mindoro Occidental	1,750	495.5	1,283	363.3	1,729	489.5	449	127.1
Mindoro Oriental	nr		nr		nr		nr	
Palawan	5,543	1,031.9	4,141	770.9	12,400	2,308.5	1,068	198.8
Quezon	1,254	88.9	8,567	607.1	4,335	307.2	967	68.5
Rizal	13,810	949.8	6,315	434.3	9,740	669.9	2,518	173.2
Romblon	8,115	3,235.4	2,451	977.2	3,897	1,553.7	1,102	439.4
Batangas City	1,126	514.1	434	198.2	1,960	894.9	62	28.3
Cavite City	1,510	1,649.6	39	42.6	85	92.9	98	107.1
Lipa City	246	133.9	287	156.2	3,352	1,824.2	130	70.7
Lucena City	635	338.6	6,584	3,510.8	325	173.3	461	245.8
Puerto Princessa City	1,863	1,334.7	279	199.9	1,158	829.6	450	322.4
San Pablo City	2,179	1,146.1	443	233.0	311	163.6	225	118.3
Tagaytay City	188	618.3	55	180.9	513	1,687.2	9	29.6
Trece Martires City	4	18.8	9	42.4	3	14.1	141	664.0
Region 5	33,511	746.7	38,020	847.2	42,158	939.4	10,473	233.4
Albay	4,690	524.3	10,478	1,171.4	6,570	734.5	1,662	185.8
Camarines Norte	10,728	2,321.0	6,213	1,344.2	11,227	2,428.9	3,193	690.8
Camarines Sur	6,122	478.6	5,461	426.9	10,177	795.6	2,366	185.0
Catanduanes	1,722	819.1	357	169.8	348	165.5	1,032	490.9
Masbate	6,626	991.9	7,232	1,082.6	3,287	492.0	728	109.0
Sorsogon	3,176	523.5	5,338	879.8	6,338	1,374.2	848	139.8
Iriga City	219	260.7	72	85.7	1,767	2,103.2	37	44.0
Legaspi City	219	146.4	1,243	831.1	33	22.1	409	273.5
Naga City	9	6.7	1,626	1,218.9	411	308.1	198	148.4

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	BRONCHITIS (J40)		PNEUMONIAS (J12-J18)		INFLUENZA (J10-J11)		TB RESPIRATORY (A15)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	54,847	916.3	80,457	1,344.2	43,875	733.0	12,309	205.6
Aklan	3,985	938.6	5,616	1,322.8	838	197.4	1,179	277.7
Antique	6,251	1,399.0	13,537	3,029.6	3,862	864.3	2,493	557.9
Capiz	2,700	518.9	6,437	1,237.0	4,453	855.8	681	130.9
Guimaras	998	762.1	2,769	2,114.4	157	119.9	981	749.1
Iloilo	9,738	665.1	14,903	1,017.9	10,825	739.4	2,405	164.3
Negros Occidental	8,200	581.0	22,567	1,599.0	14,152	1,002.7	2,374	168.2
Bacolod City	5,299	1,249.0	1,577	371.7	2,039	480.6	727	171.4
Bago City	738	531.4	424	305.3	1,136	817.9	-	-
Cadiz City	908	715.0	1,815	1,429.2	42	33.1	752	592.1
Iloilo City	1,231	353.2	2,223	637.8	373	107.0	717	205.7
La Carlota City	1,623	2,818.7	1,364	2,368.9	7	12.2	546	948.3
Roxas City	3,290	2,618.4	3,489	2,776.7	72	57.3	161	128.1
Sagay City	1,719	1,301.1	2,211	1,673.5	1,616	1,223.1	15	11.4
San Carlos City	3,845	3,726.4	870	843.2	512	496.2	866	839.3
Silay City	4,322	3,322.2	655	503.5	3,791	2,914.0	502	385.9
Region 7	40,269	771.9	92,180	1,767.1	55,198	1,058.1	5,462	104.7
Bohol	15,348	1,601.8	22,940	2,394.1	15,605	1,628.6	1,806	188.5
Cebu	7,266	413.6	27,584	1,570.3	6,632	377.6	1,098	62.5
Negros Oriental	5,857	683.6	20,668	2,412.1	29,924	3,492.4	-	-
Siquijor	483	631.5	558	729.5	526	687.7	286	373.9
Bais City	2,866	4,413.0	525	808.4	7	10.8	37	57.0
Canlaon City	694	1,615.0	168	390.9	1,489	3,465.0	11	25.6
Cebu City	4,774	692.0	6,002	870.0	243	35.2	1,766	256.0
Danao City	34	40.7	39	46.7	93	111.5	74	88.7
Dumaguete City	1,498	1,535.3	849	870.1	459	470.4	87	89.2
Lapu-Lapu City	429	229.4	3,072	1,642.7	6	3.2	297	158.8
Mandawe City	308	152.4	6,003	2,970.0	139	68.8	157	77.7
Tagbilaran City	-	-	177	245.1	8	11.1	57	78.9
Toledo City	712	555.0	3,595	2,802.4	67	52.2	76	59.2
Region 8	40,803	1,161.6	47,169	1,342.8	29,428	837.8	5,170	147.2
Biliran	1,525	1,104.1	2,143	1,551.5	280	202.7	247	178.8
Leyte Del Norte	13,817	1,106.7	21,716	1,739.3	6,455	517.0	1,724	138.1
Leyte Del Sur	8,964	2,704.6	2,475	746.8	5,712	1,723.4	877	264.6
Eastern Samar	6,694	1,782.7	5,520	1,470.0	7,380	1,965.4	414	110.3
Northern Samar	6,090	1,289.3	2,957	626.0	4,427	937.2	507	107.3
Western Samar	2,851	595.9	9,127	1,907.6	4,920	1,028.3	967	202.1
Calbayog City	410	303.7	2,184	1,617.5	49	36.3	306	226.6
Ormoc City	278	182.9	246	161.8	205	134.8	128	84.2
Tacloban City	174	96.0	801	442.0	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	BRONCHITIS (J40)		PNEUMONIAS (J12-J18)		INFLUENZA (J10-J11)		TB RESPIRATORY (A15)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	20,909	713.4	16,613	566.8	49,867	1,701.3	9,293	317.1
Basilan	721	235.5	1,444	471.7	2,959	966.7	205	67.0
Zamboanga Del Norte	5,311	822.2	3,389	524.7	29,432	4,556.6	439	68.0
Zamboanga Del Sur	10,038	882.4	6,336	557.0	8,901	782.5	1,355	119.1
Dapitan City	1,912	2,925.0	134	205.0	2,337	3,575.1	47	71.9
Dipolog City	-	-	698	728.1	3,086	3,219.1	253	263.9
Pagadian City	690	515.3	1,367	1,021.0	231	172.5	115	85.9
Zamboanga City	2,237	409.4	3,245	593.9	2,921	534.6	810	148.3
Region 10	45,264	1,745.2	37,753	1,455.6	31,513	1,215.0	6,069	234.0
Bukidnon	16,893	1,698.7	15,346	1,543.1	16,136	1,622.6	1,012	101.8
Camiguin	1,276	1,827.5	1,234	1,767.4	594	850.7	46	65.9
Misamis Occidental	6,168	2,366.4	2,031	779.2	2,873	1,102.3	726	278.5
Misamis Oriental	3,804	741.1	6,442	1,255.1	3,126	609.0	530	103.3
Cagayan de Oro	6,815	1,492.6	4,860	1,064.4	282	61.8	2,799	613.0
Gingoog City	20	22.6	69	78.0	4	4.5	-	-
Oroquieta City	8,803	15,289.1	334	580.1	5,611	9,745.2	539	936.1
Ozamis City	1,354	1,279.2	7,397	6,988.5	2,695	2,546.2	417	394.0
Tangub City	131	279.0	40	85.2	192	409.0	-	-
Region 11	35,352	729.6	30,733	634.3	42,568	878.6	17,015	351.2
Cotabato South	2,942	450.4	6,865	1,051.0	12,013	1,839.2	1,281	196.1
Davao Oriental	1,431	334.7	3,963	926.8	6,100	1,426.6	281	65.7
Davao Del Norte	13,607	1,082.0	5,764	458.3	5,346	425.1	1,148	91.3
Davao Del Sur	3,876	5,579.1	2,412	3,471.8	7,580	10,910.6	-	-
Sarangani	833	213.3	1,734	444.1	4,352	1,114.6	448	114.7
Davao City	7,889	742.8	7,798	734.2	6,885	648.2	3,787	356.5
Gen. Santos City	4,774	1,326.2	2,197	610.3	292	81.1	995	276.4
Region 12	17,869	722.4	17,405	703.7	21,833	882.7	9,075	366.9
Lanao Del Norte	2,111	460.0	1,839	400.7	6,531	1,423.2	733	159.7
North Cotabato	7,277	804.8	6,740	745.4	7,012	775.5	-	-
Sultan Kudarat	7,838	1,428.9	7,511	1,369.3	7,752	1,413.2	6,295	1,147.6
Cotabato City	154	100.5	69	501.7	11	7.2	193	125.9
Iligan City	-	-	-	-	65	22.4	526	181.4
Marawi City	489	412.6	46	460.7	462	389.8	1,328	1,120.5

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	BRONCHITIS (J40)		PNEUMONIAS (J12-J18)		INFLUENZA (J10-J11)		TB RESPIRATORY (A15)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	11,896	572.0	20,337	977.9	35,175	1,691.4	8,937	429.7
Lanao Del Sur	5,299	892.0	3,774	635.3	4,573	769.8	1,352	227.6
Maguindanao	2,310	334.4	9,854	1,426.4	19,741	2,857.6	1,633	236.4
Sulu	3,231	600.1	4,620	858.2	6,424	1,193.2	1,330	247.0
Tawi-Tawi	1,056	411.7	2,089	814.5	4,437	1,730.0	191	74.5
Caraga	20,833	1,023.8	25,480	1,252.2	19,678	967.0	2,548	125.2
Agusan Del Norte	2,770	1,000.9	1,641	592.9	375	135.5	234	84.6
Agusan Del Sur	6,349	1,144.7	7,511	1,354.2	4,382	790.0	525	94.7
Surigao Del Norte	2,618	753.8	1,810	521.2	4,919	1,416.4	379	109.1
Surigao Del Sur	7,453	1,525.4	11,107	2,273.3	3,863	790.6	745	152.5
Butuan City	1,050	407.8	2,231	866.6	5,820	2,260.6	413	160.4
Surigao City	593	538.4	1,180	1,071.4	319	289.6	252	228.8

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	CHOLERA (A00)		AIDS (B24)		TETANUS NEONATORUM (A33)	
	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	351	0.49	16	0.02	184	0.26
NCR	4	0.04	3	0.03	19	0.19
City of Manila	-	-	3	0.19	5	0.31
Manila, 2nd District	-	-	-	-	-	-
Mandaluyong City	-	-	-	-	-	-
Pasig City	-	-	-	-	-	-
Quezon City	-	-	-	-	11	0.54
Marikina City	-	-	-	-	-	-
Manila, 3rd District	-	-	-	-	2	0.19
Kalookan City	-	-	-	-	-	-
Manila, 4th District	-	-	-	-	-	-
Makati City	-	-	-	-	-	-
Pasay City	4	0.97	-	-	1	0.24
C.A.R.	58	4.42	-	-	2	0.15
Abra	-	-	-	-	-	-
Apayao	-	-	-	-	-	-
Benguet	-	-	-	-	-	-
Ifugao	-	-	-	-	-	-
Kalinga	52	32.41	-	-	2	1.25
Mt. Province	6	4.44	-	-	-	-
Baguio City	-	-	-	-	-	-
Region 1	-	-	-	-	2	0.05
Ilocos Norte	-	-	-	-	-	-
Ilocos Sur	-	-	-	-	-	-
La Union	-	-	-	-	-	-
Pangasinan	-	-	-	-	-	-
Dagupan City	-	-	-	-	2	1.54
Laoag City	-	-	-	-	-	-
San Carlos City	-	-	-	-	-	-
Region 2	2	0.08	-	-	6	0.23
Batanes	-	-	-	-	-	-
Cagayan	2	0.22	-	-	-	-
Isabela	-	-	-	-	5	0.45
Nueva Vizcaya	-	-	-	-	-	-
Quirino	-	-	-	-	1	0.72
Santiago City	-	-	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	CHOLERA (A00)		AIDS (B24)		TETANUS NEONATORUM (A33)	
	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	53	0.73	-	-	3	0.04
Bataan	53	10.33	-	-	-	-
Bulacan	-	-	-	-	1	0.05
Nueva Ecija	nr	-	nr	-	nr	-
Pampanga	-	-	-	-	-	-
Tarlac	-	-	-	-	-	-
Zambales	-	-	-	-	-	-
Angeles City	-	-	-	-	-	-
Cabanatuan City	-	-	-	-	-	-
Olangapo City	-	-	-	-	2	1.10
Palayan City	nr	-	nr	-	nr	-
San Jose City	-	-	-	-	-	-
Region 4	27	0.26	8	0.08	14	0.13
Aurora	-	-	-	-	-	-
Batangas	-	-	-	-	1	0.08
Cavite	7	0.45	8	0.51	4	0.26
Laguna	17	1.11	-	-	-	-
Marinduque	-	-	-	-	-	-
Mindoro Occidental	-	-	-	-	-	-
Mindoro Oriental	nr	-	nr	-	nr	-
Palawan	2	0.37	-	-	6	1.12
Quezon	-	-	-	-	1	0.07
Rizal	-	-	-	-	2	0.14
Romblon	-	-	-	-	-	-
Batangas City	-	-	-	-	-	-
Cavite City	-	-	-	-	-	-
Lipa City	1	0.54	-	-	-	-
Lucena City	-	-	-	-	-	-
Puerto Princessa City	-	-	-	-	-	-
San Pablo City	-	-	-	-	-	-
Tagaytay City	-	-	-	-	-	-
Trece Martires City	-	-	-	-	-	-
Region 5	7	0.16	-	-	26	0.58
Albay	-	-	-	-	11	1.23
Camarines Norte	-	-	-	-	-	-
Camarines Sur	1	0.08	-	-	1	0.08
Catanduanes	-	-	-	-	-	-
Masbate	2	0.30	-	-	3	0.45
Sorsogon	-	-	-	-	11	1.81
Iriga City	-	-	-	-	-	-
Legaspi City	-	-	-	-	-	-
Naga City	4	3.00	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	CHOLERA (A00)		AIDS (B24)		TETANUS NEONATORUM (A33)	
	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	7	0.12	3	0.05	21	0.35
Aklan	-	-	-	-	6	1.41
Antique	-	-	-	-	1	0.22
Capiz	-	-	-	-	-	-
Guimaras	-	-	2	1.53	-	-
Iloilo	-	-	-	-	3	0.20
Negros Occidental	-	-	-	-	6	0.43
Bacolod City	1	0.24	1	0.24	-	-
Bago City	-	-	-	-	-	-
Cadiz City	-	-	-	-	2	1.57
Iloilo City	3	0.86	-	-	2	0.57
La Carlota City	-	-	-	-	1	1.74
Roxas City	2	1.59	-	-	-	-
Sagay City	-	-	-	-	-	-
San Carlos City	1	0.97	-	-	-	-
Silay City	-	-	-	-	-	-
Region 7	1	0.02	-	-	22	0.42
Bohol	-	-	-	-	-	-
Cebu	-	-	-	-	-	-
Negros Oriental	1	0.12	-	-	21	2.45
Siquijor	-	-	-	-	1	1.31
Bais City	-	-	-	-	-	-
Carlaon City	-	-	-	-	-	-
Cebu City	-	-	-	-	-	-
Danao City	-	-	-	-	-	-
Dumaguete City	-	-	-	-	-	-
Lapu-Lapu City	-	-	-	-	-	-
Mandawe City	-	-	-	-	-	-
Tagbilaran City	-	-	-	-	-	-
Toledo City	-	-	-	-	-	-
Region 8	2	0.06	2	0.06	26	0.74
Biliran	-	-	-	-	-	-
Leyte Del Norte	-	-	-	-	9	0.72
Leyte Del Sur	-	-	-	-	2	0.60
Eastern Samar	-	-	-	-	-	-
Northern Samar	-	-	2	0.42	2	0.42
Western Samar	-	-	-	-	-	-
Calbayog City	-	-	-	-	8	5.92
Ormoc City	-	-	-	-	5	3.29
Tacloban City	2	1.10	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	CHOLERA (A00)		AIDS (B24)		TETANUS NEONATORUM (A33)	
	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	77	2.63	-	-	21	0.72
Basilan	1	0.33	-	-	5	1.63
Zamboanga Del Norte	8	1.24	-	-	-	-
Zamboanga Del Sur	-	-	-	-	5	0.44
Dapitan City	-	-	-	-	-	-
Dipolog City	-	-	-	-	-	-
Pagadian City	-	-	-	-	-	-
Zamboanga City	68	12.45	-	-	11	2.01
Region 10	13	0.50	-	-	-	-
Bukidnon	7	0.70	-	-	-	-
Camiguin	-	-	-	-	-	-
Misamis Occidental	6	2.30	-	-	-	-
Misamis Oriental	-	-	-	-	-	-
Cagayan de Oro	-	-	-	-	-	-
Gingoog City	-	-	-	-	-	-
Oroquieta City	-	-	-	-	-	-
Ozamis City	-	-	-	-	-	-
Tangub City	-	-	-	-	-	-
Region 11	58	1.20	-	-	1	0.02
Cotabato South	7	1.07	-	-	-	-
Davao Oriental	-	-	-	-	-	-
Davao Del Norte	14	1.11	-	-	-	-
Davao Del Sur	-	-	-	-	-	-
Sarangani	3	0.77	-	-	-	-
Davao City	31	2.92	-	-	-	-
Gen. Santos City	3	0.83	-	-	1	0.28
Region 12	26	1.05	-	-	10	0.40
Lanao Del Norte	-	-	-	-	1	0.22
North Cotabato	-	-	-	-	-	-
Sultan Kudarat	24	4.38	-	-	2	0.36
Cotabato City	2	1.30	-	-	7	4.57
Iligan City	-	-	-	-	-	-
Marawi City	-	-	-	-	-	-

Table 15

**NOTIFIABLE DISEASES: REPORTED CASES
BY HEALTH REGION, PROVINCE & CITY
PHILIPPINES
1997**

AREA	CHOLERA (A00)		AIDS (B24)		TETANUS NEONATORUM (A33)	
	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	13	0.63	-	-	7	0.34
Lanao Del Sur	-	-	-	-	1	0.17
Maguindanao	2	0.29	-	-	1	0.14
Sulu	11	2.04	-	-	5	0.93
Tawi-Tawi	-	-	-	-	-	-
Caraga	3	0.15	-	-	4	0.20
Agusan Del Norte	-	-	-	-	-	-
Agusan Del Sur	-	-	-	-	1	0.18
Surigao Del Norte	-	-	-	-	-	-
Surigao Del Sur	-	-	-	-	-	-
Butuan City	-	-	-	-	-	-
Surigao City	3	2.72	-	-	3	2.72

Table 16

Notifiable Diseases: Reported Cases & Deaths
No. & Rate/100,000 Population
Philippines
1977-1997

Year	Typhoid and Paratyphoid Fever A01			
	Cases		Deaths	
	Number	Rate	Number	Rate
1997	12,724	17.8	887	1.2
1996	12,817	18.9	1,052	1.6
1995	21,011	33.0	1,023	1.5
1994	20,946	30.5	1,207	1.8
1993	19,609	28.6	1,120	1.6
1992	16,497	24.6	962	1.4
1991	13,844	21.2	1,076	1.6
1990	15,720	24.7	1,045	1.6
1989	17,794	28.7	1,233	2.0
1988	15,830	26.3	1,356	2.3
1987	15,290	26.0	1,121	1.9
1986	13,764	24.0	1,024	1.8
1985	15,706	28.0	1,071	1.9
1984	10,073	18.4	831	1.5
1983	5,420	10.2	697	1.3
1982	5,282	10.3	596	1.2
1981	4,300	8.4	676	1.3
1980	3,222	6.5	629	1.3
1979	3,525	7.3	656	1.4
1978	3,542	7.6	792	1.7
1977	4,333	9.5	768	1.7

Table 16

Notifiable Diseases: Reported Cases & Deaths
No. & Rate/100,000 Population
Philippines
1977-1997

Year	Diarrheas A09				Tuberculosis, All Forms A10-A18; B90			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	899,409	1257.0	3,493	4.9	240,509	336.1	26,151	36.5
1996	997,914	1475.3	4,979	7.1	165,453	244.6	27,368	39.1
1995	860,005	1351.5	4,059	5.9	119,186	187.3	26,691	38.9
1994	1,376,669	2006.3	6,402	9.3	167,763	244.5	26,673	38.9
1993	1,337,449	1948.9	4,510	6.6	159,049	231.8	24,580	35.8
1992	1,045,615	1561.0	4,799	7.2	136,981	204.5	20,132	30.1
1991	984,713	1507.1	4,552	7.0	123,281	188.7	22,814	34.9
1990	927,860	1458.4	6,396	10.1	152,688	240.0	24,307	38.2
1989	741,733	1195.4	6,893	11.1	206,508	332.8	26,300	42.4
1988	624,355	1038.9	9,155	15.2	183,113	304.7	27,020	45.0
1987	591,858	1007.9	9,468	16.1	163,740	278.8	28,697	48.9
1986	538,849	939.5	9,815	17.1	153,129	267.0	30,604	53.4
1985	522,762	933.4	11,516	20.6	151,028	269.7	31,650	56.5
1984	551,560	1008.9	11,553	21.1	151,867	277.8	27,320	50.0
1983	275,068	517.1	15,090	28.4	106,300	199.8	28,580	53.7
1982	221,191	430.3	12,735	24.8	104,715	203.7	28,309	55.1
1981	239,117	465.6	16,196	31.5	116,182	226.2	27,317	53.2
1980	199,574	402.9	13,492	27.2	112,307	226.7	28,790	58.1
1979	217,155	449.4	16,683	34.5	108,813	225.2	28,221	58.4
1978	210,608	452.1	15,717	33.7	118,587	254.6	28,398	61.0
1977	209,040	459.1	18,041	39.6	107,108	235.3	31,805	69.9

Year	Leprosy A30				Diphtheria A36			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	1,654	2.3	56	0.1	53	0.1	30	0.0
1996	1,788	2.6	69	0.1	108	0.2	29	0.0
1995	2,730	4.3	68	0.1	935	1.5	40	0.1
1994	2,663	3.9	88	0.1	1,053	1.5	51	0.1
1993	2,430	3.5	99	0.1	867	1.3	56	0.1
1992	1,887	2.8	50	0.1	680	1.0	62	0.1
1991	2,028	3.1	68	0.1	1,028	1.6	62	0.1
1990	2,827	4.4	65	0.1	921	1.4	115	0.2
1989	4,228	6.8	95	0.2	1,297	2.1	117	0.2
1988	1,661	2.8	86	0.1	1,202	2.0	186	0.3
1987	1,766	3.0	63	0.1	1,443	2.5	245	0.4
1986	1,815	3.2	81	0.1	1,630	2.8	261	0.5
1985	2,090	3.4	124	0.2	1,669	3.0	316	0.6
1984	1,798	3.3	68	0.1	1,968	3.6	337	0.6
1983	1,153	2.2	89	0.2	1,812	3.4	491	0.9
1982	997	1.9	107	0.2	2,140	4.2	524	1.0
1981	958	1.9	123	0.2	819	1.6	504	1.0
1980	886	1.8	137	0.3	1,910	3.9	414	0.8
1979	690	1.4	131	0.3	1,044	2.2	546	1.1
1978	489	1.0	137	0.3	1,389	3.0	455	1.0
1977	504	1.1	137	0.3	2,888	6.3	562	1.2

Table 16

Notifiable Diseases: Reported Cases & Deaths
No. & Rate/100,000 Population
Philippines
1977-1997

Year	Whooping Cough A37				Tetanus A35			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	1,004	1.4	6	0.01	677	0.9	684	1.0
1996	2,554	3.8	9	0.01	1,011	1.5	758	1.1
1995	4,324	6.8	12	0.02	3,054	4.8	803	1.2
1994	5,900	8.6	9	0.01	2,915	4.2	810	1.2
1993	5,628	8.2	4	0.01	2,778	4.0	1,008	1.5
1992	3,792	5.7	8	0.01	2,216	3.3	892	1.3
1991	4,829	7.4	9	0.01	2,312	3.5	1,022	1.6
1990	4,135	6.5	9	0.01	2,286	3.6	989	1.6
1989	9,466	15.3	12	0.02	3,102	5.0	1,040	1.7
1988	7,814	13.0	14	0.02	3,199	5.3	1,069	1.8
1987	8,856	15.1	26	0.04	2,910	5.0	1,026	1.7
1986	16,139	28.1	31	0.10	3,381	5.9	1,034	1.8
1985	19,628	35.0	45	0.10	3,474	6.2	1,033	1.8
1984	21,479	39.3	51	0.10	3,353	6.1	924	1.7
1983	17,380	32.7	68	0.10	2,912	5.5	941	1.8
1982	15,879	30.9	80	0.20	2,441	4.7	967	1.9
1981	19,178	37.3	57	0.10	2,242	4.4	913	1.8
1980	19,844	40.1	98	0.20	3,080	6.2	1,004	2.0
1979	21,254	44.0	157	0.30	2,905	6.0	1,226	2.5
1978	15,243	32.7	80	0.20	4,236	9.1	3,471	7.5
1977	21,403	47.0	111	0.20	5,539	12.2	3,791	8.3

Year	Polioyelitis A80				Varicella B01			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	8	0.0	40	0.1	64,065	89.5	59	0.08
1996	8	0.0	43	0.1	34,344	50.8	78	0.10
1995	104	0.2	18	0.0	51,006	80.2	103	0.20
1994	408	0.6	38	0.1	76,526	111.5	71	0.10
1993	600	0.9	34	0.0	71,317	103.9	31	0.05
1992	444	0.7	22	0.0	62,327	93.1	29	0.04
1991	362	0.6	14	0.0	42,909	65.7	12	0.02
1990	98	0.2	23	0.0	33,177	52.1	20	0.03
1989	335	0.5	32	0.1	16,931	27.3	23	0.04
1988	344	0.6	40	0.1	6,767	11.3	12	0.02
1987	327	0.6	43	0.1	6,336	10.8	15	0.03
1986	375	0.7	45	0.1	3,121	5.4	4	0.01
1985	557	1.0	61	0.1	3,844	6.9	10	0.02
1984	428	0.8	66	0.1	3,409	6.2	11	0.02
1983	355	0.7	94	0.2	1,850	3.5	15	0.03
1982	440	0.9	101	0.2	1,506	2.9	22	0.04
1981	292	0.6	118	0.2	1,176	2.3	20	0.04
1980	432	0.9	201	0.4	1,112	2.2	23	0.05
1979	1,054	2.2	353	0.7	1,028	2.1	34	0.1
1978	835	1.8	185	0.4	1,261	2.7	38	0.1
1977	1,454	3.2	357	0.8	1,171	2.6	45	0.1

Table 16

Notifiable Diseases: Reported Cases & Deaths
No. & Rate/100,000 Population
Philippines
1977-1997

Year	Measles B05				Dengue H-Fever A90-A99			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	37,857	52.9	1,449	2.0	13,290	18.6	955	1.3
1996	35,390	52.3	1,376	2.0	15,571	23.0	1,376	2.0
1995	23,392	36.8	1,121	1.6	12,872	20.2	566	0.8
1994	59,041	86.0	1,024	1.5	23,327	34.0	464	0.7
1993	85,345	124.4	2,989	4.4	21,146	30.8	531	0.8
1992	54,570	81.5	3,193	4.8	9,108	13.6	441	0.7
1991	35,582	54.5	2,228	3.4	11,317	17.3	401	0.6
1990	42,938	67.5	3,499	5.5	4,836	7.6	363	0.6
1989	68,496	110.4	6,734	10.9	2,240	3.6	199	0.3
1988	70,801	117.8	7,775	12.9	2,821	4.7	300	0.5
1987	81,896	139.5	12,431	21.2	1,696	2.9	243	0.4
1986	59,375	103.5	6,249	10.9	1,623	2.8	191	0.3
1985	62,959	112.4	8,043	14.4	2,096	3.7	210	0.4
1984	75,290	137.7	7,987	14.6	2,514	4.6	103	0.2
1983	43,684	82.1	9,286	17.5	1,684	3.2	305	0.6
1982	35,989	70.0	7,136	13.9	816	1.6	192	0.4
1981	27,031	52.6	6,951	13.5	324	0.6	112	0.2
1980	26,765	54.0	5,191	10.5	627	1.3	103	0.2
1979	29,230	60.5	5,607	11.6	438	0.9	18	0
1978	27,842	59.8	5,605	12.0	358	0.8	213	0.5
1977	27,694	60.8	5,293	11.6	729	1.6	224	0.5

Year	Infectious Hepatitis B15-B19				Malaria B50-B54			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	5,356	7.5	1,072	1.5	69,248	96.8	514	0.7
1996	6,686	9.9	1,084	1.5	68,056	100.6	536	0.8
1995	10,089	15.9	1,152	1.7	56,285	88.5	643	0.9
1994	16,943	24.7	1,067	1.6	58,615	85.4	784	1.1
1993	22,643	33.0	1,034	1.5	49,506	72.1	811	1.2
1992	14,269	21.3	826	1.2	46,614	69.6	864	1.3
1991	12,972	19.9	401	0.6	48,761	74.6	924	1.4
1990	14,709	23.1	936	1.5	73,625	115.7	913	1.4
1989	14,761	23.8	850	1.4	125,114	201.6	989	1.6
1988	16,125	26.8	825	1.4	114,679	190.8	1,176	2.0
1987	16,084	27.4	817	1.4	121,097	206.2	1,226	2.1
1986	14,523	25.3	728	1.3	124,153	216.5	1,156	2.0
1985	16,022	28.6	607	1.1	121,975	217.8	1,166	2.1
1984	15,320	28.0	625	1.1	107,485	196.6	923	1.7
1983	9,549	18.0	653	1.2	55,019	103.4	1,086	2.0
1982	8,615	16.8	739	1.4	40,496	78.8	985	1.9
1981	9,943	19.4	660	1.3	44,118	85.9	1,071	2.1
1980	9,578	19.3	828	1.7	39,678	80.1	1,091	2.2
1979	8,850	18.3	750	1.6	31,779	65.8	1,142	2.4
1978	7,172	15.4	813	1.7	35,353	75.9	1,077	2.3
1977	7,392	16.2	761	1.7	29,955	65.8	974	2.1

Table 16

Notifiable Diseases: Reported Cases & Deaths
No. & Rate/100,000 Population
Philippines
1977-1997

Year	Syphilis A56-A64				Gonococcal Infection A54			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	210	0.3	19	0.03	2,001	2.8	3	0.004
1996	271	0.4	10	0.01	2,443	3.6	1	0.001
1995	181	0.3	13	0.02	2,200	3.5	1	0.001
1994	232	0.3	4	0.01	2,657	3.9	2	0.003
1993	136	0.2	6	0.01	2,158	3.1	0	0.000
1992	60	0.1	8	0.01	198	0.3	0	0.000
1991	232	0.4	2	0.00	4,112	6.3	2	0.003
1990	151	0.2	3	0.00	6,374	10.0	0	0.000
1989	99	0.2	9	0.01	8,635	13.9	0	0.000
1988	99	0.2	9	0.01	8,342	13.9	0	0.000
1987	62	0.1	9	0.02	11,361	19.3	0	0.000
1986	69	0.1	8	0.01	11,731	20.5	0	0.000
1985	91	0.2	9	0.02	15,329	27.4	0	0.000
1984	201	0.4	42	0.10	13,806	25.3	0	0.000
1983	102	0.2	16	0.03	13,359	25.1	5	0.010
1982	114	0.2	11	0.02	13,970	27.2	2	0.004
1981	59	0.1	4	0.01	6,432	13.0	0	0.000
1980	83	0.2	9	0.02	6,786	13.7	0	0.000
1979	94	0.2	26	0.10	9,288	19.2	0	0.000
1978	60	0.1	16	0.03	8,423	18.1	0	0.000
1977	84	0.2	29	0.10	9,879	21.7	1	0.002

Year	Schistosomiasis B56				Filariasis B72,B74			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	12,524	17.5	238	0.3	1,025	1.4	3	0.0
1996	9,069	13.4	267	0.4	401	0.6	6	0.0
1995	8,795	13.8	231	0.3	636	1.0	4	0.0
1994	12,689	18.5	275	0.4	1,450	2.1	2	0.0
1993	12,393	18.1	258	0.4	1,546	2.3	3	0.0
1992	9,194	13.7	235	0.4	1,423	2.1	2	0.0
1991	26,702	40.9	249	0.4	1,026	1.6	2	0.0
1990	14,781	23.2	272	0.4	286	0.4	1	0.0
1989	25,699	41.4	273	0.4	188	0.3	1	0.0
1988	12,273	20.4	301	0.5	290	0.5	0	0.0
1987	13,892	23.7	288	0.5	351	0.6	0	0.0
1986	11,074	19.3	281	0.5	300	0.5	1	0.0
1985	9,764	17.4	416	0.7	259	0.5	2	0.0
1984	4,388	8.0	416	0.8	493	0.9	2	0.0
1983	3,454	6.5	452	0.8	74	0.1	5	0.0
1982	3,801	7.4	426	0.8	77	0.1	4	0.0
1981	3,009	6.1	398	0.8	28	0.1	4	0.0
1980	2,686	5.6	426	0.9	30	0.1	4	0.0
1979	2,923	6.3	452	1.0	6	0.0	3	0.0
1978	4,216	9.3	496	1.1	6	0.0	4	0.0
1977	3,802	8.4	588	1.3	9	0.0	0	0.0

Table 16

Notifiable Diseases: Reported Cases & Deaths
No. & Rate/100,000 Population
Philippines
1977-1997

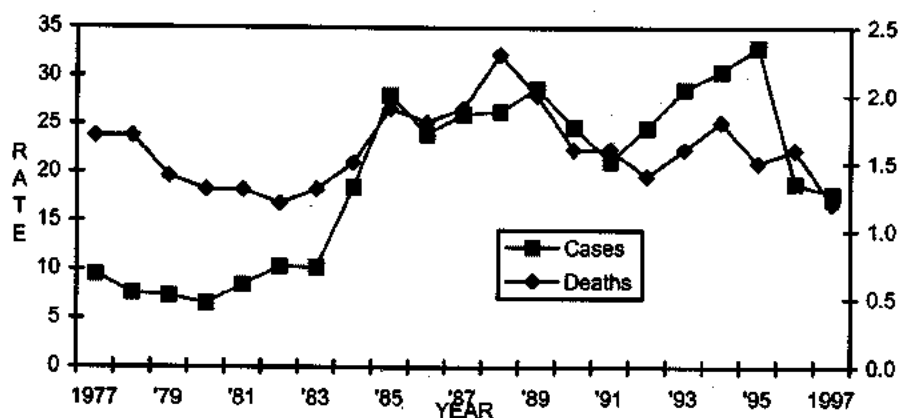
Year	Malignant Neoplasm C00-C91				Bronchitis J20-J21			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	4,723	6.6	29,677	41.5	637,905	891.6	732	1.0
1996	2,715	4.0	30,077	44.5	602,708	891.0	218	0.3
1995	46,967	73.8	28,487	41.5	1,029,796	1618.3	171	0.2
1994	49,387	72.0	27,924	40.7	1,146,951	1671.5	875	1.3
1993	40,155	58.5	25,399	37.0	903,508	1316.6	253	0.4
1992	36,550	54.6	20,176	30.1	770,396	1150.2	378	0.6
1991	34,584	52.9	22,307	34.1	891,562	1364.5	562	0.9
1990	33,702	53.0	21,979	34.5	980,557	1541.3	1,008	1.6
1989	33,777	54.4	21,933	35.3	893,550	1440.1	1,105	1.8
1988	28,940	48.2	21,184	35.2	759,511	1263.8	1,438	2.4
1987	27,195	46.3	20,367	34.7	642,777	1094.6	1,814	3.1
1986	26,985	47.0	18,395	32.1	602,851	1051.1	1,985	3.5
1985	24,270	43.3	18,143	32.4	586,427	1047.1	2,078	3.7
1984	24,191	44.3	17,700	32.4	606,880	1110.1	1,764	3.2
1983	25,838	48.6	17,997	33.8	352,447	662.6	2,052	3.9
1982	26,867	52.3	16,832	32.7	280,431	545.6	2,250	4.4
1981	24,777	50.0	16,059	31.3	220,698	429.7	1,476	2.9
1980	28,905	58.4	16,019	32.3	206,469	416.8	2,756	5.6
1979	20,213	43.4	15,449	33.2	219,527	471.3	3,219	6.9
1978	19,565	42.0	14,182	30.4	207,426	445.3	5,929	12.7
1977	20,730	45.5	13,977	30.7	180,259	395.9	6,347	13.9

Year	Pneumonias J12-J18				Influenza J11			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1997	672,681	940.2	32,193	45.0	574,748	803.3	251	0.4
1996	679,172	1004.1	33,319	47.6	560,168	828.1	340	0.5
1995	666,934	1048.1	33,637	49.0	752,040	1181.8	313	0.5
1994	610,731	890.1	28,132	41.0	840,611	1225.1	404	0.6
1993	470,574	685.7	35,582	51.9	609,471	888.1	455	0.7
1992	401,025	598.7	36,626	54.7	510,190	761.7	401	0.6
1991	275,513	421.7	36,705	56.2	462,915	708.5	496	0.8
1990	235,947	370.9	41,181	64.7	544,768	856.3	605	1.0
1989	232,056	374.0	43,268	69.7	773,802	1247.1	770	1.2
1988	201,902	336.0	47,444	78.9	576,404	959.1	791	1.3
1987	183,143	311.9	52,700	89.7	495,161	843.2	1,151	2.0
1986	190,208	331.6	50,621	88.3	397,715	693.4	1,221	2.1
1985	205,387	366.7	52,888	94.4	447,550	799.1	1,400	2.5
1984	193,594	354.1	45,971	84.1	453,926	830.3	1,150	2.1
1983	123,420	232.0	48,650	91.5	253,534	476.6	1,215	2.3
1982	106,563	207.3	45,373	88.3	226,237	440.2	1,297	2.5
1981	123,154	239.8	43,164	84.0	251,200	489.1	2,715	5.3
1980	117,270	236.7	45,209	91.3	202,884	409.6	1,913	3.9
1979	126,797	272.2	49,019	105.2	189,126	406.0	1,803	3.9
1978	113,257	248.8	45,667	100.3	222,064	487.7	1,893	4.2
1977	104,074	231.2	47,302	105.1	276,399	614.1	2,859	6.4

TYPHOID AND PARATYPHOID FEVER

MORBIDITY AND MORTALITY TRENDS

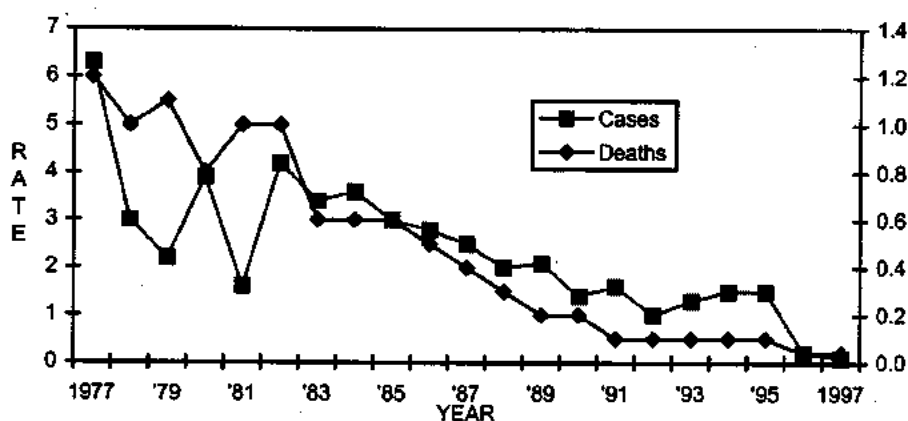
Rate Per 100,000 Pop., Phils., 1977-1997



DIPHTHERIA

MORBIDITY AND MORTALITY TRENDS

Rate Per 100,000 Pop., Phils., 1977-1997



WHOOPING COUGH

MORBIDITY AND MORTALITY TRENDS

Rate Per 100,000 Pop., Phils., 1977-1997

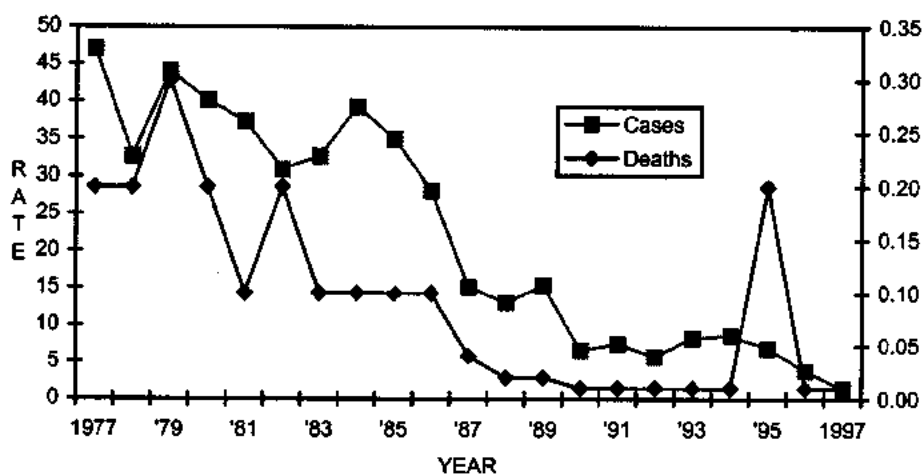
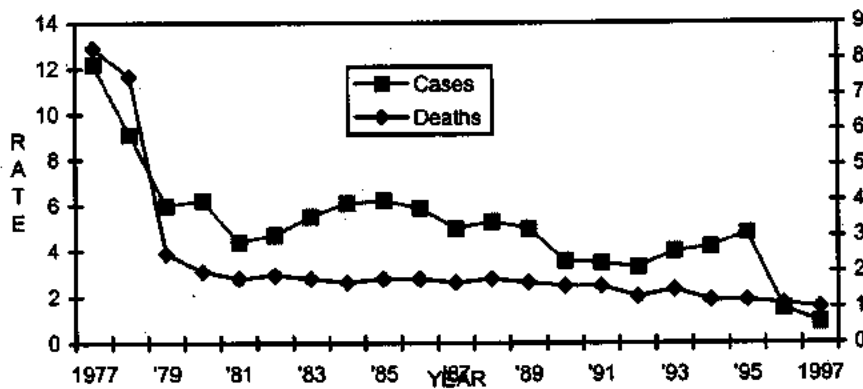


Fig. 11

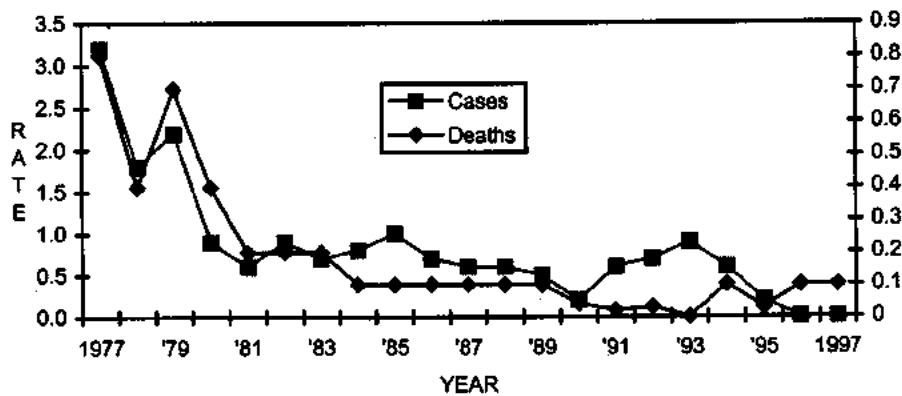
TETANUS

MORBIDITY AND MORTALITY TRENDS
Rate Per 100,000 Pop., Phils., 1977-1997



POLIOMYELITIS

MORBIDITY AND MORTALITY TRENDS
Rate Per 100,000 Pop., Phils., 1977-1997



VARICELLA

MORBIDITY AND MORTALITY TRENDS
Rate Per 100,000 Pop., Phils., 1977-1997

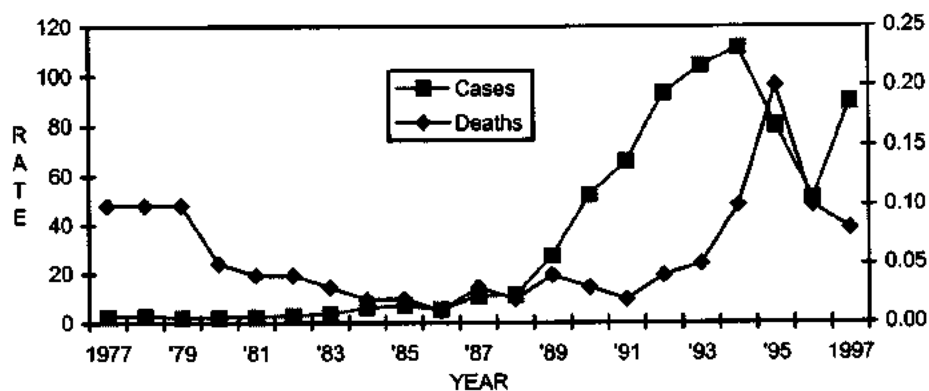


Fig. 12

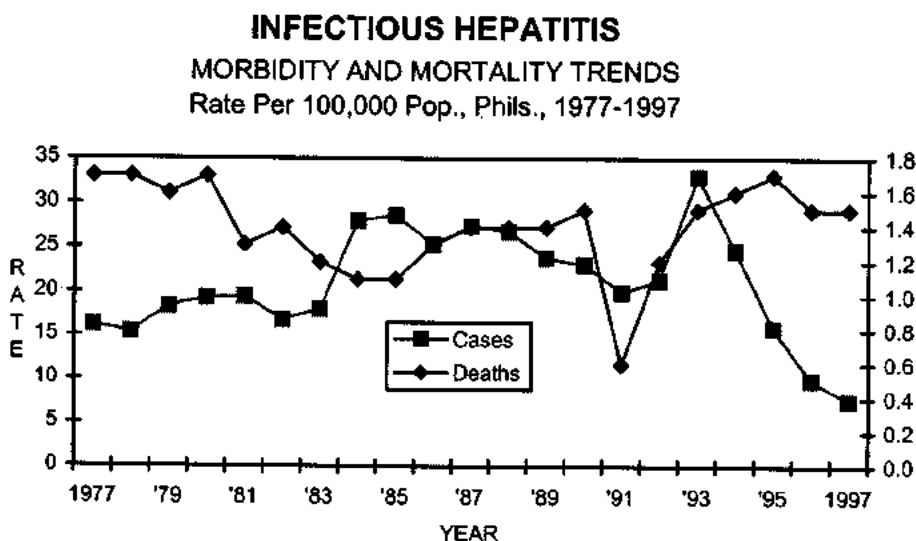
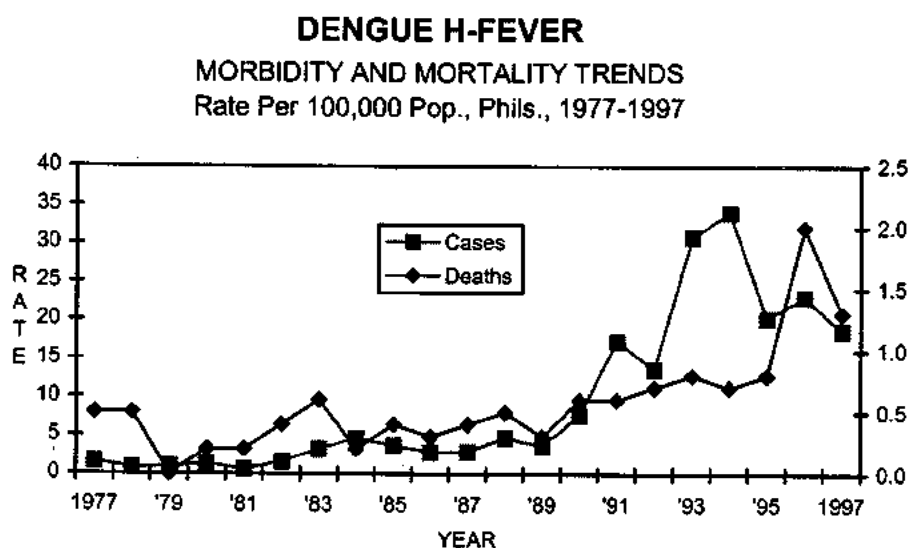
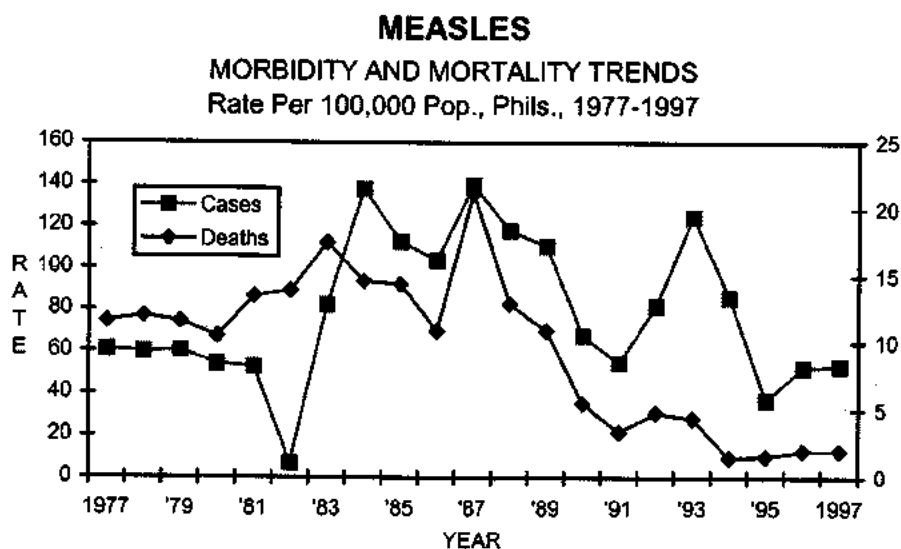
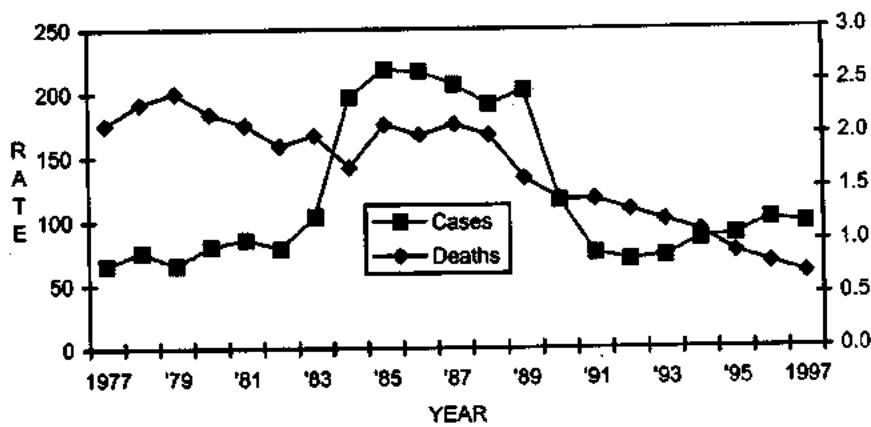


Fig. 13

MALARIA

MORBIDITY AND MORTALITY TRENDS

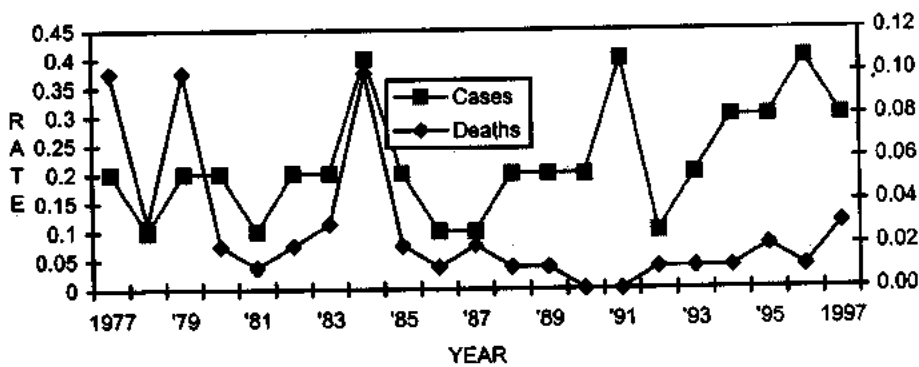
Rate Per 100,000 Pop., Phils., 1977-1997



SYPHILIS

MORBIDITY AND MORTALITY TRENDS

Rate Per 100,000 Pop., Phils., 1977-1997



GONOCOCCAL INFECTION

MORBIDITY AND MORTALITY TRENDS

Rate Per 100,000 Pop., Phils., 1977-1997

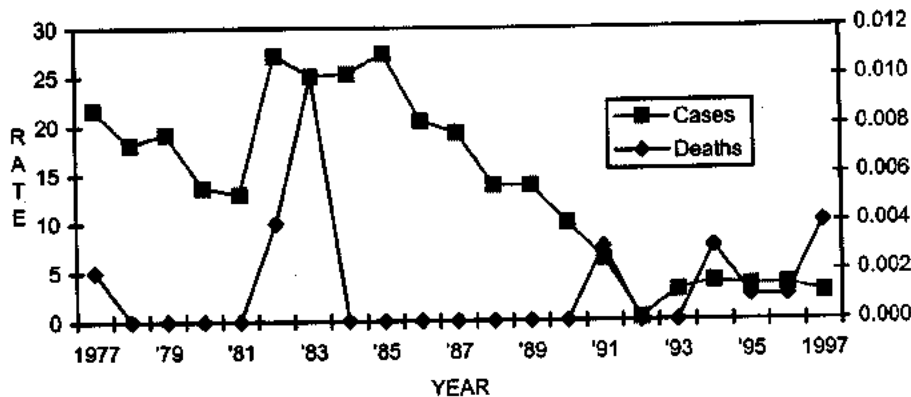
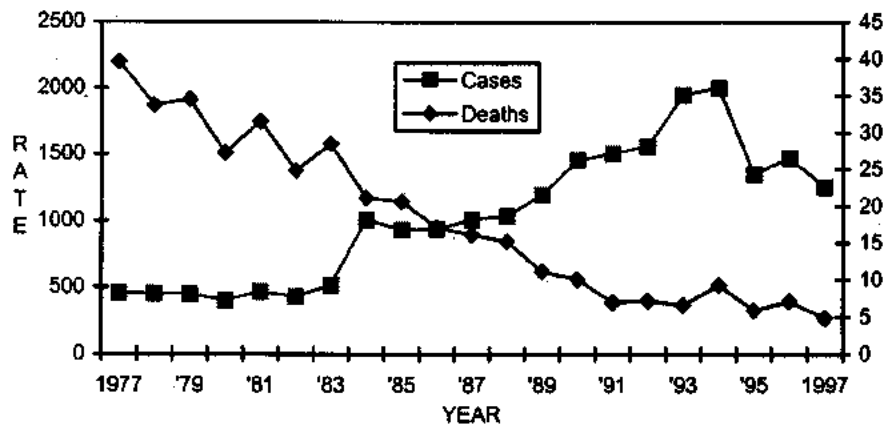


Fig. 14

DIARRHEAS

MORBIDITY AND MORTALITY TRENDS

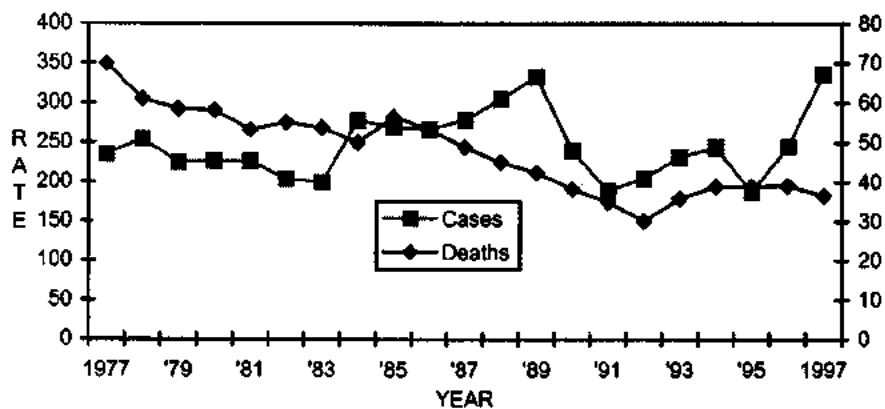
Rate Per 100,000 Pop., Phils., 1977-1997



TUBERCULOSIS, ALL FORMS

MORBIDITY AND MORTALITY TRENDS

Rate Per 100,000 Pop., Phils., 1977-1997



LEPROSY

MORBIDITY AND MORTALITY TRENDS

Rate Per 100,000 Pop., Phils., 1977-1997

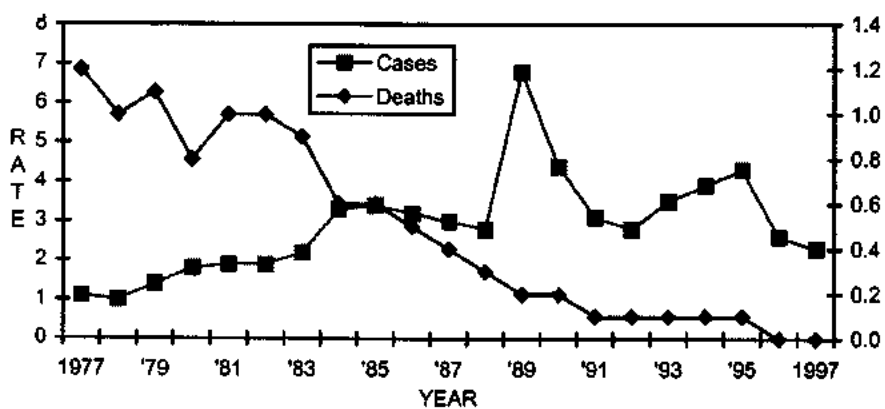


Fig. 17

MORTALITY STATISTICS

Mortality refers to deaths as a component of population change. Demographic studies reveal that in countries undergoing rapid population increase, it is mainly a sharply declining death rate rather than an increasing birth rate that rings about population explosion. The Philippines has continuously exhibited a stable death rate from the 70s to the early part of the 80s, thus attributing to an increase birth rate for the country's fast population growth.

The statistical information in this report is 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. Registration of death is done in the place of occurrence and not according to the place of residence of the deceased. Reports from the local civil registrars are submitted to the National Statistics Office which consolidates data on causes of death using International Classification of Diseases version 9 (ICD-9). In 1997, a total of 339,400 deaths were registered for a crude death rate of 4.7/1000 population. The state of health is also of interest in the study of mortality. Tables 20 presents the Ten (10) Leading Causes of Deaths in 1997. Diseases of the heart remains to be the top killer disease accounting for 16.1% of the total deaths. The 2nd leading cause of death is the Diseases of the Vascular System which is responsible for 12.7% of all deaths. Third in the list is Pneumonias (9.5%). Malignant Neoplasm and Accidents ranks 4th (8.7%). Completing the list of the Ten Leading Causes of Deaths in 1997 are TB all forms (7.7%); Chronic Obstructive Pulmonary Diseases and Allied Conditions (3.9%); Diabetes Mellitus (2.3%); and Nephritis, Nephrotic Syndrome and Nephrosis and Other Diseases of the Respiratory System (2.2%). Accidents is noticeably high this year. Last year it was 6th in the list.

The Crude Death Rate trend for the country from 1950 to 1997 is presented in Table 4 and Figure 4. The trend reveals a 58.0% decrease in crude death rate from 1950 (11.2/1000 population) to 1997 (4.7/1000 population). In 1997, a high death rate is observed at infancy (14.0 / 1000 population) accounting for 8.3% of the total deaths. The rate dropped sharply at age 1 to 19 and start to increase again at age 20 up to 69. However, the highest death rate is observed at age 70 years and over (72.6/1000 population) and it accounts for 33.9 % of the total deaths in 1997 (Table 17). Mortality rate for male is 5.6/1000 male population and for female it is 3.9/1000 female population. There were more male deaths than female deaths registered in 1997 with a ratio of 146.5. Death sex ratio is computed by dividing the number of male deaths by the number of female deaths multiplied by 100.

DEATHS BY CAUSE AND ATTENDANCE

Compilation of data on deaths by cause are in accordance with the 10th Revision of the International Classification of Diseases. On the other hand deaths by attendance are classified into a) attended, when the deceased was attended to by a physician or medically trained personnel during his illness or injuries at a specific period indicated in the death certificate and b) not attended, if the first condition is not met and satisfied. In 1997, there were 166,687 (49.1% of the total deaths) attended while 172,713 (50.9% of the total deaths) were not attended.

MATERNAL MORTALITY

Maternal Mortality is death of pregnant woman due to pregnancy, childbirth and puerperium. Maternal Mortality Rate (MMR) is the number of deaths among women during pregnancy, childbirth and puerperium per 1,000 livebirths. In 1997, there were 1,513 maternal deaths registered with a rate of 0.9 per 1,000 livebirths. This rate is slightly lower than that of the previous year which was 1.0.

MATERNAL MORTALITY BY CAUSE

There are five (5) main causes of maternal mortality, namely: For 1997, the number one cause of maternal mortality is Normal delivery and other complications related to pregnancy occurring in the course of labor, delivery and puerperium with 613 or 40.52%. Hypertension complicating pregnancy, childbirth and puerperium with 347 representing 22.93% of all maternal deaths second. Postpartum hemorrhage is third with 285 deaths or 18.84%. The last two causes are Pregnancy with abortive outcome with 151 or 9.98% and Hemorrhages related to pregnancy with 117 or 7.73% of the total maternal deaths. As shown in Table 5, Region 8 recorded the highest maternal mortality with a rate of 2.2. Table 32 indicates figures of maternal deaths by age group. The figures conclude that the older the pregnant women the higher the rate of maternal death or the greater the risk of dying.

INFANT MORTALITY

Infant mortality refers to death among babies less than one year old. Data for 1997 revealed that there were 28,061 registered infant deaths or 8.3% of the total deaths. The Ten Leading Causes of Infant Mortality are shown in Table 29. In 1997, Respiratory conditions of fetus and new born with 5,514 deaths or 19.7% of the total infant deaths. Pneumonia went down to 2nd rank accounting for 4,703 (16.8%) infant deaths. Third in the list is Congenital Anomalies which was responsible for 3,004 infant deaths (10.7%). Others in the list in order of ranking are Birth Injury & Difficult Labor (1,514 deaths), Diarrheal Diseases (1,105 deaths), Septicemia (857 deaths), Measles (432 deaths), Meningitis (417 deaths), Other Diseases of the Respiratory System (385 deaths) and Avitaminoses and Other Nutritional Deficiency (339 deaths). Table 5 shows infant mortality rates for different regions, provinces and cities all over the country for 1997. Among the regions, National Capital Region (NCR) showed the highest infant mortality rate of 22.1/1000 livebirths. For the provinces, Northern Samar had the highest rate of 38.8/1000 livebirths while province of Tawi-Tawi had the lowest rate of 1.7/1000 livebirths. Among the cities, Canlaon City of Region 7 registered the highest infant mortality rate of 43.9/1000 livebirths while Marawi City of Region 12 reported no case of infant mortality. These figures of infant mortality are much lower than in 1996.

INFANT MORTALITY BY AGE:

Of the total 28,061 infant deaths registered in 1997, 15,760 or a rate of 9.5/1000 livebirths were under 28 days (Neonatal Deaths) while 12,301 or 7.4/1000 livebirths accounted for those 28 days to under (1) one year (Post-Neonatal Deaths). Deaths in the age group of 0 – 6 days (Early Neonatal) 12,568 (7.6/1000 livebirths) representing 79.7% of all neonatal deaths while the age group 21 - 27 days registered the least no. of deaths with 607 or 3.9% of all neonatal deaths. Of the post-neonatal deaths, those in the age group of 28-59 days registered the highest with 8.3% of the total infant deaths. As in the past, there were more male deaths under 1 year of age than females. The ratio of male deaths to female deaths of under one year is 142.

FETAL DEATHS

Fetal death is a death of an offspring prior to its complete expulsion or extraction from the womb regardless of the duration of pregnancy. It includes abortion, miscarriages and stillbirths. The number of fetal deaths registered in 1997 was 9,706 or 5.9% of the total registered deaths. Among the regions, Region IV had the highest recorded fetal deaths with 2,207 or 23% of the total fetal deaths followed by the National Capital Region (NCR) with 1,871 (19%). Fetal deaths attended by physicians, nurse and midwives totaled 5,871 or 61% of the total fetal deaths while unlicensed midwives attended to some 1,758 fetal deaths (18%). There were also 38 (.04%) fetal deaths that were attended by other attendants. Fetal death occurrence was highest among mothers aged 25-29 years old with a total of 2,330 (24.01%) followed by mothers in the age group 20-24 with 2,214 (22.81%). There were also 3 (0.03%) fetal deaths which occurred among mothers less than 15 years old.

LATE FETAL DEATHS

Fetal Death occurring after the 27th week of pregnancy is considered as Late Fetal Death. Late fetal deaths in 1997 totaled to 4,761 or 1.4% of all registered deaths. Late fetal death occurrence was highest among mothers aged 25-29 with 1,149 (24.1%) followed by mothers in the age group 20-24 with 1,072 (22.5%). No late fetal deaths occurrence among mothers less than 15 years old.

TABLE 17

Mortality: All Causes by Age & Sex
No. & Rate/1,000 Pop. & Percentage Distribution
Philippines
1997

Age	Male		Female		Total		
	Number	Rate	Number	Rate	Number	Rate	Percent
All Ages	201,700	5.6	137,700	3.9	339,400	4.7	100.0
Under 1year	16,455	15.7	11,606	12.2	28,061	14.0	8.3
1 - 4 yrs.	6,805	1.8	5,543	1.5	12,348	1.6	3.6
5 - 9 yrs.	3,457	0.8	2,628	0.6	6,085	0.7	1.8
10 - 14 yrs.	2,828	0.7	1,944	0.5	4,772	0.6	1.4
15 - 19 yrs.	4,159	1.1	2,247	0.6	6,406	0.9	1.9
20 - 24 yrs.	5,958	1.8	2,556	0.8	8,514	1.3	2.5
25 - 29 yrs.	7,435	2.5	3,059	1.0	10,494	1.8	3.1
30 - 34 yrs.	7,763	3.0	3,350	1.3	11,113	2.2	3.3
35 - 39 yrs.	8,703	3.9	4,181	1.9	12,884	2.9	3.8
40 - 44 yrs.	9,828	5.3	4,564	2.5	14,392	3.9	4.2
45 - 49 yrs.	11,447	7.5	5,372	3.6	16,819	5.6	5.0
50 - 54 yrs.	12,378	10.3	5,882	4.9	18,260	7.6	5.4
55 - 59 yrs.	14,346	15.4	6,848	7.2	21,194	11.2	6.2
60 - 64 yrs.	16,545	23.4	9,096	12.2	25,641	17.7	7.6
65 - 69 yrs.	16,487	31.9	10,409	18.2	26,896	24.7	7.9
70 yrs. & Over	56,749	80.1	58,156	66.5	114,905	72.6	33.9
Not Stated	357	-	259	-	616	-	0.2

MORTALITY : ALL CAUSES BY AGE
 Rate / 1,000 Population
 Philippines, 1997

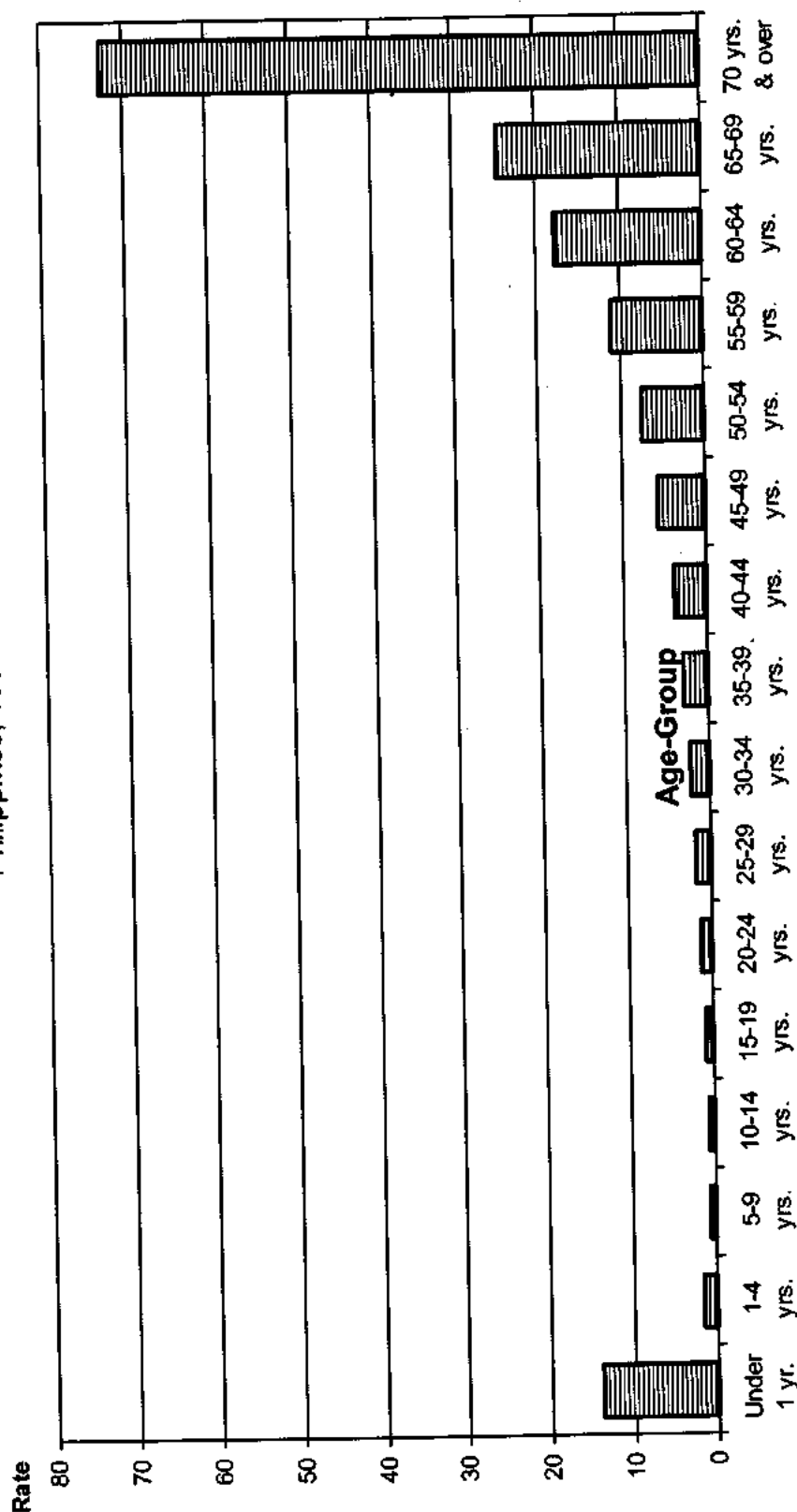


Fig. 18

TABLE 18

**Mortality: All Causes by Sex & Health Region
No. & Rate/1,000 Pop. & Percentage Distribution
Philippines
1997**

Area	Number of Deaths			Rate	% of Total Deaths
	Male	Female	Both Sexes		
Philippines	201,700	137,700	339,400	4.7	100.0
National Capital Region	34,880	23,866	58,746	6.0	17.3
C.A.R.	2,757	1,812	4,569	3.5	1.3
Region 1	14,487	11,045	25,532	6.5	7.5
Region 2	6,774	4,491	11,265	4.3	3.3
Region 3	20,996	15,488	36,484	5.0	10.7
Region 4	29,772	19,866	49,638	4.7	14.6
Region 5	12,955	9,050	22,005	4.9	6.5
Region 6	20,350	13,477	33,827	5.7	10.0
Region 7	16,441	12,808	29,249	5.6	8.6
Region 8	9,263	6,359	15,622	4.4	4.6
Region 9	5,401	3,268	8,669	3.0	2.6
Region 10	6,273	3,963	10,236	3.9	3.0
Region 11	11,381	6,781	18,162	3.7	5.4
Region 12	4,762	2,580	7,342	3.0	2.2
ARMM	816	197	1,013	0.5	0.3
CARAGA	4,392	2,649	7,041	3.5	2.1

MORTALITY : ALL CAUSES BY HEALTH REGION

Percentage Distribution
Philippines, 1997

Percent

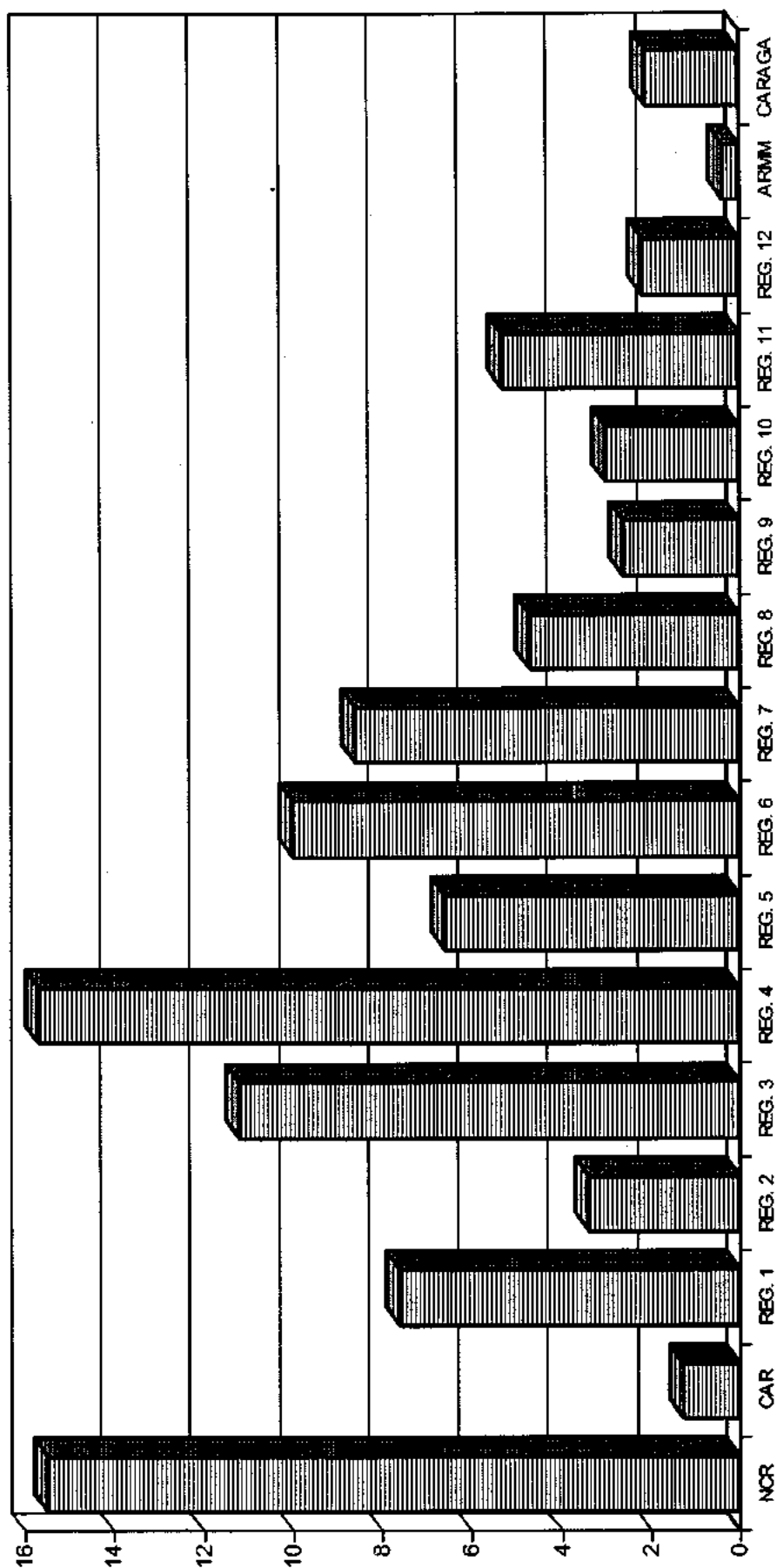


Fig. 19

TABLE 19

**Mortality: All Causes by Age, Sex & Usual Residence of the Deceased
No. & Percentage Distribution
Philippines
1997**

Age Group	National Capital Region (Metro Manila)			
	Male	Female	Both Sexes	Percent
All Ages	31,042	21,412	52,454	100.0
Under 1 year	3,868	2,830	6,698	12.8
1 - 4 yrs.	973	823	1,796	3.4
5 - 9 yrs.	412	320	732	1.4
10 - 14 yrs.	339	235	574	1.1
15 - 19 yrs.	614	372	986	1.9
20 - 24 yrs.	1,151	435	1,586	3.0
25 - 29 yrs.	1,497	528	2,025	3.9
30 - 34 yrs.	1,549	644	2,193	4.2
35 - 39 yrs.	1,616	714	2,330	4.4
40 - 44 yrs.	1,732	798	2,530	4.8
45 - 49 yrs.	1,950	984	2,934	5.6
50 - 54 yrs.	2,063	1,000	3,063	5.8
55 - 59 yrs.	2,152	1,173	3,325	6.3
60 - 64 yrs.	2,403	1,505	3,908	7.5
65 - 69 yrs.	2,412	1,615	4,027	7.7
70 yrs. & Over	6,240	7,378	13,618	26.0
Not Stated	71	58	129	0.2

Age Group	Cordillera Administrative Region (C.A.R.)			
	Male	Female	Both Sexes	Percent
All Ages	2,723	1,803	4,526	100.0
Under 1 year	224	148	372	8.2
1 - 4 yrs.	67	46	113	2.5
5 - 9 yrs.	40	35	75	1.7
10 - 14 yrs.	43	23	66	1.5
15 - 19 yrs.	67	25	92	2.0
20 - 24 yrs.	81	38	119	2.6
25 - 29 yrs.	112	26	138	3.0
30 - 34 yrs.	91	41	132	2.9
35 - 39 yrs.	105	51	156	3.4
40 - 44 yrs.	135	49	184	4.1
45 - 49 yrs.	123	71	194	4.3
50 - 54 yrs.	152	78	230	5.1
55 - 59 yrs.	189	97	286	6.3
60 - 64 yrs.	247	149	396	8.7
65 - 69 yrs.	223	136	359	7.9
70 yrs. & Over	809	786	1,595	35.2
Not Stated	15	4	19	0.4

TABLE 19

**Mortality: All Causes by Age, Sex & Usual Residence of the Deceased
No. & Percentage Distribution
Philippines
1997**

Age Group	Region 1 Ilocos Norte				Region 2 Cagayan Valley			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	14,621	11,122	25,743	100.0	6,871	4,546	11,417	100.0
Under 1 year	1,132	809	1,941	7.5	482	331	813	7.1
1 - 4 yrs.	388	340	728	2.8	189	133	322	2.8
5 - 9 yrs.	229	169	398	1.5	134	66	200	1.8
10 - 14 yrs.	195	127	322	1.3	85	70	155	1.4
15 - 19 yrs.	241	128	369	1.4	173	93	266	2.3
20 - 24 yrs.	333	142	475	1.8	176	91	267	2.3
25 - 29 yrs.	423	183	606	2.4	216	94	310	2.7
30 - 34 yrs.	432	179	611	2.4	242	98	340	3.0
35 - 39 yrs.	491	250	741	2.9	291	120	411	3.6
40 - 44 yrs.	594	304	898	3.5	334	143	477	4.2
45 - 49 yrs.	735	346	1,081	4.2	376	186	562	4.9
50 - 54 yrs.	889	449	1,338	5.2	422	173	595	5.2
55 - 59 yrs.	1,019	448	1,467	5.7	505	239	744	6.5
60 - 64 yrs.	1,146	509	1,655	6.4	616	335	951	8.3
65 - 69 yrs.	1,115	717	1,832	7.1	583	365	948	8.3
70 yrs. & Over	5,246	5,994	11,240	43.7	2,043	2,004	4,047	35.4
Not Stated	13	28	41	0.2	4	5	9	0.1

Age Group	Region 3 Central Luzon				Region 4 Southern Tagalog			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	21,861	15,989	37,850	100.0	31,890	21,395	53,285	100.0
Under 1 year	1,523	1,102	2,625	6.9	2,833	2,060	4,893	9.2
1 - 4 yrs.	639	514	1,153	3.0	1,223	974	2,197	4.1
5 - 9 yrs.	348	239	587	1.6	543	459	1,002	1.9
10 - 14 yrs.	304	233	537	1.4	471	307	778	1.5
15 - 19 yrs.	411	238	649	1.7	616	360	976	1.8
20 - 24 yrs.	576	294	870	2.3	965	399	1,364	2.6
25 - 29 yrs.	740	324	1,064	2.8	1,235	500	1,735	3.3
30 - 34 yrs.	773	383	1,156	3.1	1,230	532	1,762	3.3
35 - 39 yrs.	870	457	1,327	3.5	1,440	683	2,123	4.0
40 - 44 yrs.	1,037	542	1,579	4.2	1,604	702	2,306	4.3
45 - 49 yrs.	1,230	661	1,891	5.0	1,917	806	2,723	5.1
50 - 54 yrs.	1,385	756	2,141	5.7	2,021	860	2,881	5.4
55 - 59 yrs.	1,630	764	2,394	6.3	2,244	1,029	3,273	6.1
60 - 64 yrs.	1,903	1,070	2,973	7.9	2,552	1,411	3,963	7.4
65 - 69 yrs.	1,957	1,193	3,150	8.3	2,612	1,589	4,201	7.9
70 yrs. & Over	6,490	7,171	13,661	36.1	8,343	8,702	17,045	32.0
Not Stated	45	48	93	0.2	41	22	63	0.1

TABLE 19

TABLE 22

Mortality: By Attendance, Health Region, Province & City
Number & Percentage Distribution
Philippines
1997

Area	Total Deaths	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
DANAO CITY	388	118	30.4	270	0.1
DUMAGUETE CITY	1,257	897	71.4	360	0.1
LAPU-LAPU CITY	972	534	54.9	438	0.1
MANDAWE CITY	765	224	29.3	541	0.2
TAGBILARAN CITY	871	637	73.1	234	0.1
TOLEDO CITY	628	165	26.3	463	0.1
REGION 8	15,622	6,598	42.2	9,024	2.7
LEYTE DEL NORTE	5,115	1,884	36.8	3,231	1.0
LEYTE DEL SUR	2,108	1,129	53.6	979	0.3
EASTERN SAMAR	864	348	40.3	516	0.2
NORTHERN SAMAR	2,860	880	30.8	1,980	0.6
WESTERN SAMAR	1,035	311	30.0	724	0.2
BILIRAN	635	314	49.4	321	0.1
CALBAYOG CITY	562	185	32.9	377	0.1
ORMOC CITY	860	455	52.9	405	0.1
TACLOBAN CITY	1,583	1,092	69.0	491	0.1
REGION 9	8,669	3,853	44.4	4,816	1.4
BASILAN	525	230	43.8	295	0.1
ZAMBO. DEL NORTE	1,576	476	30.2	1,100	0.3
ZAMBO. DEL SUR	2,622	1,026	39.1	1,596	0.5
DAPITAN CITY	395	185	46.8	210	0.1
DIPOLOG CITY	615	390	63.4	225	0.1
PAGADIAN CITY	561	303	54.0	258	0.1
ZAMBOANGA CITY	2,375	1,243	52.3	1,132	0.3
REGION 10	10,236	4,464	43.6	5,772	1.7
BUKIDNON	2,054	676	32.9	1,378	0.4
CAMIGUIN	390	245	62.8	145	0.04
MISAMIS OCC.	1,143	454	39.7	689	0.2
MISAMIS OR.	1,911	665	34.8	1,246	0.4
CAGAYAN DEL ORO	2,586	1,318	51.0	1,268	0.4
GINGOOG CITY	498	198	39.8	300	0.1
OROQUIETA CITY	544	284	52.2	260	0.1
OZAMIS CITY	815	455	55.8	360	0.1
TANGUB CITY	295	169	57.3	126	0.04

TABLE 22

Mortality: By Attendance, Health Region, Province & City
Number & Percentage Distribution
Philippines
1997

Area	Total Deaths	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
REGION 11	18,162	7,265	40.0	10,897	3.2
COTABATO SOUTH	2,386	1,213	50.8	1,173	0.3
DAVAO ORIENTAL	1,264	437	34.6	827	0.2
DAVAO DEL NORTE	4,230	1,223	28.9	3,007	0.9
DAVAO DEL SUR	2,490	900	36.1	1,590	0.5
SARANGANI	585	220	37.6	365	0.1
DAVAO CITY	5,569	2,504	45.0	3,065	0.9
GEN. SANTOS CITY	1,638	768	46.9	870	0.3
REGION 12	7,342	3,073	41.9	4,269	1.3
LANAO DEL NORTE	1,069	352	32.9	717	0.2
NORTH COTABATO	2,289	900	39.3	1,389	0.4
SULTAN KUDARAT	1,499	677	45.2	822	0.2
COTABATO CITY	796	417	52.4	379	0.1
ILIGAN CITY	1,499	663	44.2	836	0.2
MARAWI CITY	190	64	33.7	126	0.04
A.R.M.M.	1,013	389	38.4	624	0.2
LANAO DEL SUR	311	124	39.9	187	0.1
MAGUINDANAO	354	73	20.6	281	0.1
SULU	267	149	55.8	118	0.03
TAWI-TAWI	81	43	53.1	38	0.01
CARAGA REGION	7,041	2,559	36.3	4,482	1.3
AGUSAN DEL NORTE	844	196	23.2	648	0.2
AGUSAN DEL SUR	1,010	315	31.2	695	0.2
SURIGAO DEL NORTE	1,160	310	26.7	850	0.3
SURIGAO DEL SUR	1,776	699	39.4	1,077	0.3
BUTUAN CITY	1,489	672	45.1	817	0.2
SURIGAO CITY	762	367	48.2	395	0.1

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	All Ages			
	Male	Female	Both Sexes	Rate
Cholera (A00)	37	26	63	0.088
Typhoid & Paratyphoid fevers (A01)	528	359	887	1.240
Other salmonella infections (A02)	7	7	14	0.020
Shigellosis and amoebiasis (Dysentery, All Forms) (A04;A06)	165	110	275	0.384
Other food poisoning (Bacterial) (A05)	40	14	54	0.075
Other intestinal infectious diseases (A07; A08)	18	15	33	0.046
Non- Specific Diarrheas (A09)	1,822	1,336	3,158	4.414
Tuberculosis of the respiratory system (A10-A12)	17,087	8,141	25,228	35.259
Tuberculosis of meninges & CNS (A17)	294	239	533	0.745
Other tuberculosis, including late effects (A14-A18;B90)	224	166	390	0.545
Plague (A20)	1	-	1	0.001
Leprosy (A30)	39	17	56	0.078
Diphtheria (A36)	16	14	30	0.042
Whooping cough (A37)	4	2	6	0.008
Streptococcal sore throat (A40)	4	-	4	0.006
Meningococcal infection (A39)	95	73	168	0.235
Tetanus (A35)	546	138	684	0.956
Septicemia (A41)	2,427	2,190	4,617	6.453
All other diseases caused by bacteria (A21-A25;A31;A42;A46;A48-A49)	120	51	171	0.239
Acute poliomyelitis including late effects (A80)	20	20	40	0.056
Smallpox (B03)	-	-	-	-
Chickenpox (B01)	44	15	59	0.082
Measles (B05)	804	645	1,449	2.025
Yellow Fever (A95)	3	-	3	0.004
Dengue-hemorrhagic fever (A90-A99)	473	482	955	1.335
Arthropod-borne viral encephalitis including late effects (A83-A89)	71	49	120	0.168
Viral hepatitis (B15-B19)	725	347	1,072	1.498
Rabies (A81-A82)	448	229	677	0.946
Other viral diseases (A70;A72;A74; A82;A88;A89;A94;B00-B02;B06-B08;B26)	472	398	870	1.216
Malaria (B50-B54)	338	176	514	0.718
Other arthropod-borne diseases (A75-A79)	7	6	13	0.018
Syphilis (A56-A64)	15	4	19	0.027
Gonococcal Infections (A54)	1	2	3	0.004

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Under 1 Year				1-4 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	1	1	2	0.10	7	4	11	0.14
Typhoid & Paratyphoid fevers	10	5	15	0.75	24	22	46	0.61
Other salmonella infections	1	1	2	0.10	-	-	-	0.00
Shigellosis and amoebiasis (Dysentery, All Forms)	29	29	58	2.90	29	19	48	0.64
Other food poisoning (Bacterial)	1	-	1	0.05	12	7	19	0.25
Other intestinal infectious diseases	4	4	8	0.40	6	5	11	0.15
Diarrheas	613	406	1,019	50.97	604	373	877	11.66
Tuberculosis of the respiratory sys.	14	2	16	0.80	20	16	36	0.48
Tuberculosis of meninges & CNS	12	2	14	0.70	39	45	84	1.12
Other tuberculosis, including late effects	1	2	3	0.15	4	3	7	0.09
Plague	-	-	-	-	-	-	-	-
Leprosy	1	-	1	0.05	-	-	-	-
Diphtheria	3	1	4	0.20	10	7	17	0.23
Whooping cough	1	1	2	0.10	-	-	-	0.00
Streptococcal sore throat	1	-	1	0.05	1	-	1	0.01
Meningococcal infection	19	24	43	2.15	28	26	54	0.72
Tetanus	18	7	25	1.25	18	7	25	0.33
Septicemia	486	371	857	42.87	212	153	365	4.85
All other diseases caused by bacteria	16	5	21	1.05	17	8	25	0.33
Acute poliomyelitis including late effects	4	2	6	0.30	3	1	4	0.05
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	8	4	12	0.60	7	1	8	0.11
Measles	263	169	432	21.61	429	360	789	10.49
Yellow Fever	-	-	-	-	-	-	-	-
Dengue-hemorrhagic fever	31	34	65	3.25	119	141	260	3.46
Arthropod-borne viral encephalitis including late effects	5	4	9	0.45	12	9	21	0.28
Viral hepatitis	16	16	32	1.60	23	15	38	0.51
Rabies	2	4	6	0.30	26	16	42	0.56
Other viral diseases	74	60	134	6.70	101	86	187	2.49
Malaria	9	9	18	0.90	20	12	32	0.43
Other arthropod-borne diseases	1	-	1	0.05	1	1	2	0.03
Syphilis	3	1	4	0.20	2	-	2	0.03
Gonococcal Infections	-	1	1	0.05	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	5-9 Years				10-14 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	3	1	4	0.04	1	1	2	0.02
Typhoid & Paratyphoid fevers	30	34	64	0.71	45	40	85	1.03
Other salmonella infections	-	1	1	0.01	2	-	2	0.02
Shigellosis and amoebiasis (Dysentery, All Forms)	12	7	19	0.21	4	6	10	0.12
Other food poisoning (Bacterial)	5	4	9	0.10	2	-	2	0.02
Other intestinal infectious diseases	-	1	1	0.01	-	-	-	-
Diarrheas	108	84	192	2.14	47	29	76	0.92
Tuberculosis of the respiratory sys	30	17	47	0.52	64	38	102	1.24
Tuberculosis of meninges & CNS	34	37	71	0.79	33	35	68	0.82
Other tuberculosis, including late effects	5	6	11	0.12	8	10	18	0.22
Plague	-	-	-	-	-	-	-	-
Leprosy	-	-	-	-	1	-	1	0.01
Diphtheria	1	4	5	0.06	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-
Streptococcal sore throat	-	-	-	-	-	-	-	-
Meningococcal infection	9	9	18	0.20	8	-	8	0.10
Tetanus	31	15	46	0.51	67	13	80	0.97
Septicemia	83	66	149	1.66	63	50	113	1.37
All other diseases caused by bacteria	7	-	7	0.08	3	5	8	0.10
Acute poliomyelitis including late effects	1	1	2	0.02	3	4	7	0.08
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	3	4	7	0.08	1	-	1	0.01
Measles	55	76	131	1.46	36	25	61	0.74
Yellow Fever	-	-	-	0.00	-	-	-	-
Dengue-hemorrhagic fever	176	195	371	4.14	58	55	113	1.37
Arthropod-borne viral encephalitis including late effects	10	4	14	0.16	11	8	19	0.23
Viral hepatitis	21	5	26	0.29	14	11	25	0.30
Rabies	80	39	119	1.33	67	32	99	1.20
Other viral diseases	53	37	90	1.00	44	46	90	1.09
Malaria	10	7	17	0.19	14	13	27	0.33
Other arthropod-borne diseases	-	1	1	0.01	-	1	1	0.01
Syphilis	-	-	-	-	-	-	-	-
Gonococcal Infections	-	-	-	-	-	-	-	-

TABLE 19

**Mortality: All Causes by Age, Sex & Usual Residence of the Deceased
No. & Percentage Distribution
Philippines
1997**

Age Group	Region 1 Ilocos Norte				Region 2 Cagayan Valley			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	14,621	11,122	25,743	100.0	6,871	4,546	11,417	100.0
Under 1 year	1,132	809	1,941	7.5	482	331	813	7.1
1 - 4 yrs.	388	340	728	2.8	189	133	322	2.8
5 - 9 yrs.	229	169	398	1.5	134	66	200	1.8
10 - 14 yrs.	195	127	322	1.3	85	70	155	1.4
15 - 19 yrs.	241	128	369	1.4	173	93	266	2.3
20 - 24 yrs.	333	142	475	1.8	176	91	267	2.3
25 - 29 yrs.	423	183	606	2.4	216	94	310	2.7
30 - 34 yrs.	432	179	611	2.4	242	98	340	3.0
35 - 39 yrs.	491	250	741	2.9	291	120	411	3.6
40 - 44 yrs.	594	304	898	3.5	334	143	477	4.2
45 - 49 yrs.	735	346	1,081	4.2	376	186	562	4.9
50 - 54 yrs.	889	449	1,338	5.2	422	173	595	5.2
55 - 59 yrs.	1,019	448	1,467	5.7	505	239	744	6.5
60 - 64 yrs.	1,146	509	1,655	6.4	616	335	951	8.3
65 - 69 yrs.	1,115	717	1,832	7.1	583	365	948	8.3
70 yrs. & Over	5,246	5,994	11,240	43.7	2,043	2,004	4,047	35.4
Not Stated	13	28	41	0.2	4	5	9	0.1

Age Group	Region 3 Central Luzon				Region 4 Southern Tagalog			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	21,861	15,989	37,850	100.0	31,890	21,395	53,285	100.0
Under 1 year	1,523	1,102	2,625	6.9	2,833	2,060	4,893	9.2
1 - 4 yrs.	639	514	1,153	3.0	1,223	974	2,197	4.1
5 - 9 yrs.	348	239	587	1.6	543	459	1,002	1.9
10 - 14 yrs.	304	233	537	1.4	471	307	778	1.5
15 - 19 yrs.	411	238	649	1.7	616	360	976	1.8
20 - 24 yrs.	576	294	870	2.3	965	399	1,364	2.6
25 - 29 yrs.	740	324	1,064	2.8	1,235	500	1,735	3.3
30 - 34 yrs.	773	383	1,156	3.1	1,230	532	1,762	3.3
35 - 39 yrs.	870	457	1,327	3.5	1,440	683	2,123	4.0
40 - 44 yrs.	1,037	542	1,579	4.2	1,604	702	2,306	4.3
45 - 49 yrs.	1,230	661	1,891	5.0	1,917	806	2,723	5.1
50 - 54 yrs.	1,385	756	2,141	5.7	2,021	860	2,881	5.4
55 - 59 yrs.	1,630	764	2,394	6.3	2,244	1,029	3,273	6.1
60 - 64 yrs.	1,903	1,070	2,973	7.9	2,552	1,411	3,963	7.4
65 - 69 yrs.	1,957	1,193	3,150	8.3	2,612	1,589	4,201	7.9
70 yrs. & Over	6,490	7,171	13,661	36.1	8,343	8,702	17,045	32.0
Not Stated	45	48	93	0.2	41	22	63	0.1

TABLE 19

**Mortality: All Causes by Age, Sex & Usual Residence of the Deceased
No. & Percentage Distribution
Philippines
1997**

Age Group	Region 5 Bicol Region				Region 6 Western Visayas			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	13,097	9,120	22,217	100.0	20,420	13,514	33,934	100.0
Under 1 year	1,078	706	1,784	8.0	1,389	866	2,255	6.6
1 - 4 yrs.	702	586	1,288	5.8	603	496	1,099	3.2
5 - 9 yrs.	278	237	515	2.3	331	228	559	1.6
10 - 14 yrs.	228	166	394	1.8	246	198	444	1.3
15 - 19 yrs.	292	163	455	2.0	415	178	593	1.7
20 - 24 yrs.	353	193	546	2.5	571	184	755	2.2
25 - 29 yrs.	372	232	604	2.7	651	226	877	2.6
30 - 34 yrs.	405	201	606	2.7	720	284	1,004	3.0
35 - 39 yrs.	435	268	703	3.2	877	384	1,261	3.7
40 - 44 yrs.	526	262	788	3.5	999	402	1,401	4.1
45 - 49 yrs.	620	301	921	4.1	1,134	466	1,600	4.7
50 - 54 yrs.	749	350	1,099	4.9	1,177	519	1,696	5.0
55 - 59 yrs.	920	418	1,338	6.0	1,446	674	2,120	6.2
60 - 64 yrs.	1,046	524	1,570	7.1	1,650	838	2,488	7.3
65 - 69 yrs.	1,139	673	1,812	8.2	1,575	988	2,563	7.6
70 yrs. & Over	3,940	3,835	7,775	35.0	6,614	6,561	13,175	38.8
Not Stated	14	5	19	0.1	22	22	44	0.1

Age Group	Region 7 Central Visayas				Region 8 Eastern Visayas			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	16,346	12,703	29,049	100.0	9,355	6,418	15,773	100.0
Under 1 year	1,422	1,027	2,449	8.4	623	411	1,034	6.6
1 - 4 yrs.	581	500	1,081	3.7	403	345	748	4.7
5 - 9 yrs.	267	263	530	1.8	212	147	359	2.3
10 - 14 yrs.	198	133	331	1.1	159	113	272	1.7
15 - 19 yrs.	315	171	486	1.7	196	112	308	2.0
20 - 24 yrs.	355	206	561	1.9	268	122	390	2.5
25 - 29 yrs.	486	245	731	2.5	284	135	419	2.7
30 - 34 yrs.	498	241	739	2.5	307	162	469	3.0
35 - 39 yrs.	596	337	933	3.2	375	196	571	3.6
40 - 44 yrs.	646	385	1,031	3.5	395	181	576	3.7
45 - 49 yrs.	795	422	1,217	4.2	480	190	670	4.2
50 - 54 yrs.	912	496	1,408	4.8	560	253	813	5.2
55 - 59 yrs.	1,102	583	1,685	5.8	622	309	931	5.9
60 - 64 yrs.	1,333	861	2,194	7.6	784	421	1,205	7.6
65 - 69 yrs.	1,367	989	2,356	8.1	823	551	1,374	8.7
70 yrs. & Over	5,444	5,818	11,262	38.8	2,849	2,759	5,608	35.6
Not Stated	29	26	55	0.2	15	11	26	0.2

TABLE 19

Mortality: All Causes by Age, Sex & Usual Residence of the Deceased
No. & Percentage Distribution
Philippines
1997

Age Group	Region 9 Western Mindanao				Region 10 Northern Mindanao			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	5,457	3,291	8,748	100.0	6,284	3,969	10,253	100.0
Under 1 year	382	261	643	7.4	383	293	676	6.6
1 - 4 yrs.	190	132	322	3.7	198	143	341	3.3
5 - 9 yrs.	81	64	145	1.7	127	99	226	2.2
10 - 14 yrs.	95	44	139	1.6	78	50	128	1.2
15 - 19 yrs.	135	60	195	2.2	160	76	236	2.3
20 - 24 yrs.	186	64	250	2.9	214	79	293	2.9
25 - 29 yrs.	241	96	337	3.9	227	109	336	3.3
30 - 34 yrs.	244	114	358	4.1	265	108	373	3.6
35 - 39 yrs.	288	127	415	4.7	290	143	433	4.2
40 - 44 yrs.	290	142	432	4.9	306	135	441	4.3
45 - 49 yrs.	329	156	485	5.5	374	184	558	5.4
50 - 54 yrs.	347	165	512	5.9	345	185	530	5.2
55 - 59 yrs.	407	196	603	6.9	462	212	674	6.6
60 - 64 yrs.	433	277	710	8.1	527	253	780	7.6
65 - 69 yrs.	445	256	701	8.0	524	310	834	8.1
70 yrs. & Over	1,350	1,134	2,484	28.4	1,803	1,587	3,390	33.1
Not Stated	14	3	17	0.2	1	3	4	0.04

Age Group	Region 11 Southern Mindanao				Region 12 Central Mindanao			
	Male	Female	Both Sexes	Percent	Male	Female	Both Sexes	Percent
All Ages	11,231	6,714	17,945	100.0	4,753	2,590	7,343	100.0
Under 1 year	578	412	990	5.5	211	140	351	4.8
1 - 4 yrs.	335	256	591	3.3	140	128	268	3.6
5 - 9 yrs.	243	162	405	2.3	93	71	164	2.2
10 - 14 yrs.	187	123	310	1.7	80	57	137	1.9
15 - 19 yrs.	274	157	431	2.4	127	62	189	2.6
20 - 24 yrs.	390	157	547	3.0	178	72	250	3.4
25 - 29 yrs.	487	199	686	3.8	232	76	308	4.2
30 - 34 yrs.	508	167	675	3.8	253	83	336	4.6
35 - 39 yrs.	493	224	717	4.0	252	98	350	4.8
40 - 44 yrs.	594	291	885	4.9	286	106	392	5.3
45 - 49 yrs.	720	331	1,051	5.9	297	117	414	5.6
50 - 54 yrs.	716	331	1,047	5.8	281	120	401	5.5
55 - 59 yrs.	833	383	1,216	6.8	351	145	496	6.8
60 - 64 yrs.	964	498	1,462	8.1	447	195	642	8.7
65 - 69 yrs.	888	577	1,465	8.2	370	222	592	8.1
70 yrs. & Over	3,008	2,442	5,450	30.4	1,144	895	2,039	27.8
Not Stated	13	4	17	0.1	11	3	14	0.2

TABLE 19

**Mortality: All Causes by Age, Sex & Usual Residence of the Deceased
No. & Percentage Distribution
Philippines
1997**

Age Group	Autonomous Region for Muslim Mindanao (ARMM)			
	Male	Female	Both Sexes	Percent
All Ages	937	256	1,193	100.0
Under 1 year	22	12	34	2.8
1 - 4 yrs.	9	9	18	1.5
5 - 9 yrs.	11	6	17	1.4
10 - 14 yrs.	14	7	21	1.8
15 - 19 yrs.	15	7	22	1.8
20 - 24 yrs.	37	8	45	3.8
25 - 29 yrs.	51	9	60	5.0
30 - 34 yrs.	66	6	72	6.0
35 - 39 yrs.	59	22	81	6.8
40 - 44 yrs.	69	20	89	7.5
45 - 49 yrs.	82	17	99	8.3
50 - 54 yrs.	66	20	86	7.2
55 - 59 yrs.	73	19	92	7.7
60 - 64 yrs.	77	30	107	9.0
65 - 69 yrs.	57	16	73	6.1
70 yrs. & Over	215	44	259	21.7
Not Stated	14	4	18	1.5

Age Group	CARAGA			
	Male	Female	Both Sexes	Percent
All Ages	4,483	2,705	7,188	100.0
Under 1 year	268	169	437	6.1
1 - 4 yrs.	152	111	263	3.7
5 - 9 yrs.	103	59	162	2.3
10 - 14 yrs.	104	55	159	2.2
15 - 19 yrs.	104	43	147	2.0
20 - 24 yrs.	119	69	188	2.6
25 - 29 yrs.	170	71	241	3.4
30 - 34 yrs.	161	100	261	3.6
35 - 39 yrs.	206	99	305	4.2
40 - 44 yrs.	261	96	357	5.0
45 - 49 yrs.	262	131	393	5.5
50 - 54 yrs.	273	119	392	5.5
55 - 59 yrs.	370	153	523	7.3
60 - 64 yrs.	396	211	607	8.4
65 - 69 yrs.	381	210	591	8.2
70 yrs. & Over	1,149	1,009	2,158	30.0
Not Stated	4		4	0.1

TABLE 19

**Mortality: All Causes by Age, Sex & Usual Residence of the Deceased
No. & Percentage Distribution
Philippines
1997**

Age Group	Residence Not Stated			
	Male	Female	Both Sexes	Percent
All Ages	329	153	482	40.4
Under 1 year	37	29	66	5.5
1 - 4 yrs.	13	7	20	1.7
5 - 9 yrs.	5	4	9	0.8
10 - 14 yrs.	2	3	5	0.4
15 - 19 yrs.	4	2	6	0.5
20 - 24 yrs.	5	3	8	0.7
25 - 29 yrs.	11	6	17	1.4
30 - 34 yrs.	19	7	26	2.2
35 - 39 yrs.	19	8	27	2.3
40 - 44 yrs.	20	6	26	2.2
45 - 49 yrs.	23	3	26	2.2
50 - 54 yrs.	20	8	28	2.3
55 - 59 yrs.	21	6	27	2.3
60 - 64 yrs.	21	9	30	2.5
65 - 69 yrs.	16	2	18	1.5
70 yrs. & Over	62	37	99	8.3
Not Stated	31	13	44	3.7

TABLE 20

**Mortality: Ten (10) Leading Causes
Number & Rate/100,000 Pop.
Philippines
5 - Year Average (1992-1996) & 1997**

Cause	5 - Year Average (1992 - 1996)			1997		
	Number	Rate	% of Total Deaths	Number	Rate	% of Total Deaths
1. Diseases of the Heart (I00-I09;I11;I13;I21-I52)	50,406	74.2	15.5	54,787	76.6	16.1
2. Diseases of the Vascular System (I10;I12 I15;I60-I69;I70-I78;I80-I99)	38,413	56.6	11.8	43,264	60.5	12.7
3. Pneumonia (J12-J18)	34,549	50.9	10.6	32,193	45.0	9.5
4. Malignant Neoplasm (C00-C91)	27,256	40.1	8.4	29,677	41.5	8.7
5. Accidents (S02-Y56)	14,372	21.2	4.4	29,375	41.1	8.7
6. Tuberculosis, All Forms (A10-A18;B90)	11,148	16.4	3.4	26,151	36.5	7.7
7. Chronic Obstructive Pulmonary Diseases and Allied Conditions (J40-J47)	25,938	38.2	8.0	13,326	18.6	3.9
8. Diabetes Mellitus (E10)	6,835	10.1	2.1	7,783	10.9	2.3
9. Nephritis, Nephrotic Syndrome and Nephrosis (N00-N05;N17,N19,N25,N27)	6,491	9.6	2.0	7,362	10.3	2.2
10. Other Diseases of the Respiratory System (J95-J98)	6,877	10.1	2.1	7,340	10.3	2.2

MORTALITY: TEN (10) LEADING CAUSES

Rate/ 100,000 Population
Philippines
5-Year Average (1992-1996) & 1997

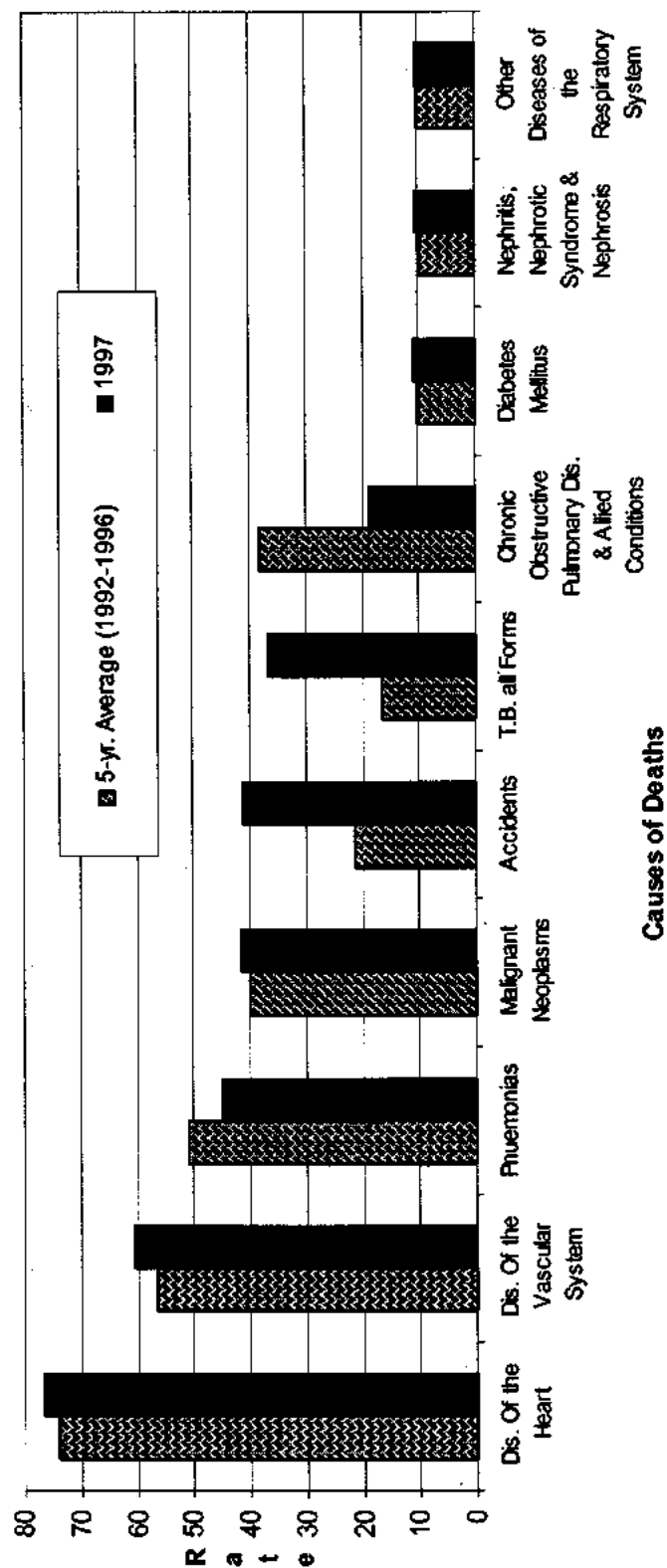


Fig.20

Mortality: Ten (10) Leading Causes Percent Distribution Philippines, 1997

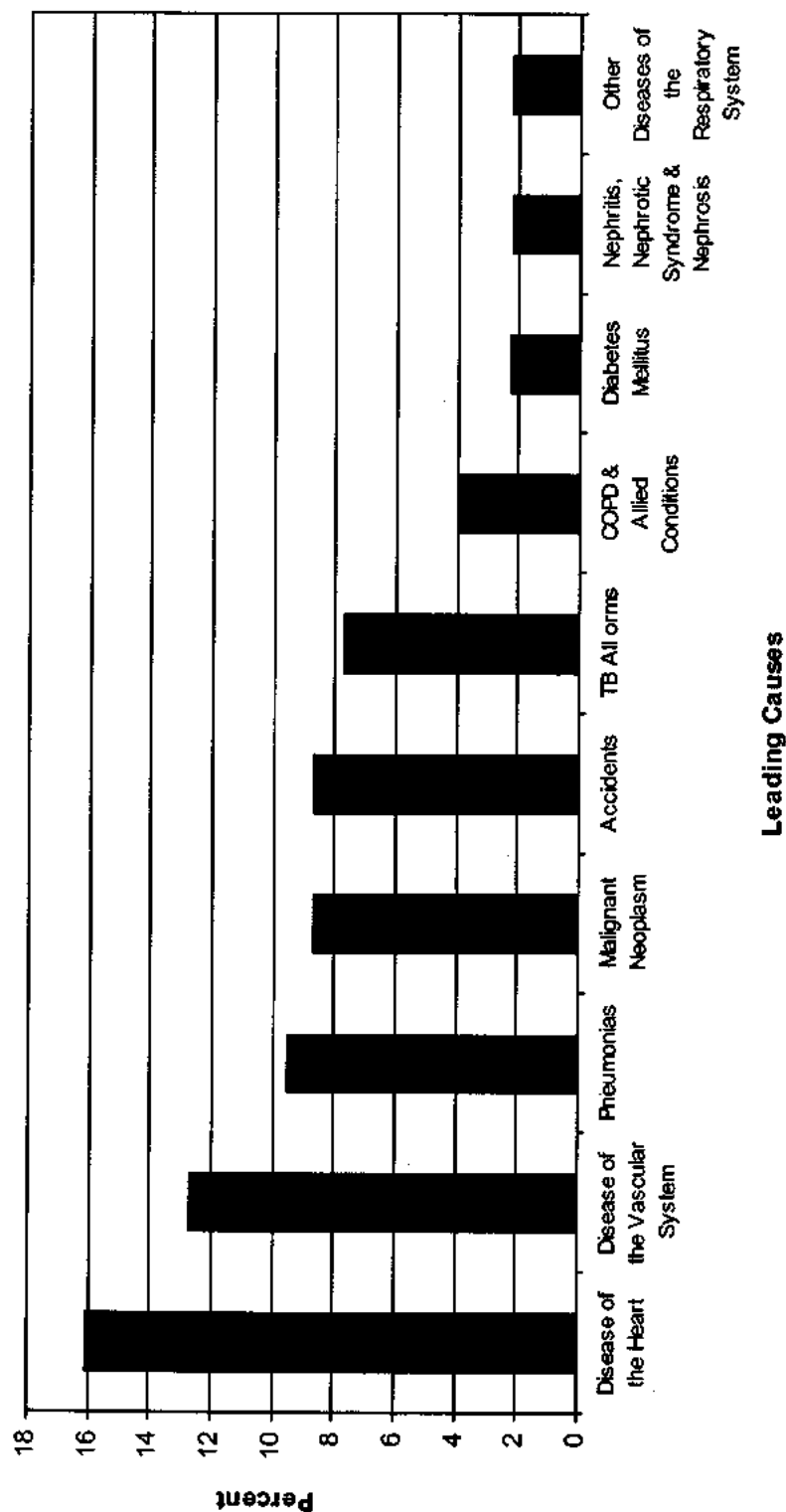


Fig. 21

TABLE 21

**Mortality: Ten (10) Leading Causes by Attendance
Number & Percentage Distribution
Philippines
1997**

Cause	Total Deaths	Attendance		
		Attended	Percent	Not Attended Percent
1. Diseases of the Heart (I00-I09;I11;I13;I21-I52)	49,962	23,010	46.1	26,952 53.9
2. Diseases of the Vascular System (I10;I12;I15; I60-I69; I70-I78; I80-I99)	38,693	19,139	49.5	19,554 50.5
3. Pneumonias (J12-J18)	30,811	12,577	40.8	18,234 59.2
4. Accidents (S02-Y56)	28,563	11,256	39.4	17,307 60.6
5. Malignant Neoplasms (C00-C97)	26,842	14,000	52.2	12,842 47.8
6. Tuberculosis, All Forms (A10-A18; B90)	23,056	11,660	50.6	11,396 49.4
7. Chronic Obstructive Pulmonary Diseases and Allied Conditions (J40-J47)	11,807	5,627	47.7	6,180 52.3
8. Other Diseases of Respiratory System (J95-J98)	6,961	3,125	44.9	3,836 55.1
9. Diabetes Mellitus (E10)	6,749	4,038	59.8	2,711 40.2
10. Nephritis, Nephrotic Syndrome & Nephrosis (N00-N05,N17,N19,N25,N27)	6,704	3,755	56.0	2,949 44.0

Mortality: Ten (10) Leading Causes by Attendance Percent Distribution Philippines, 1997

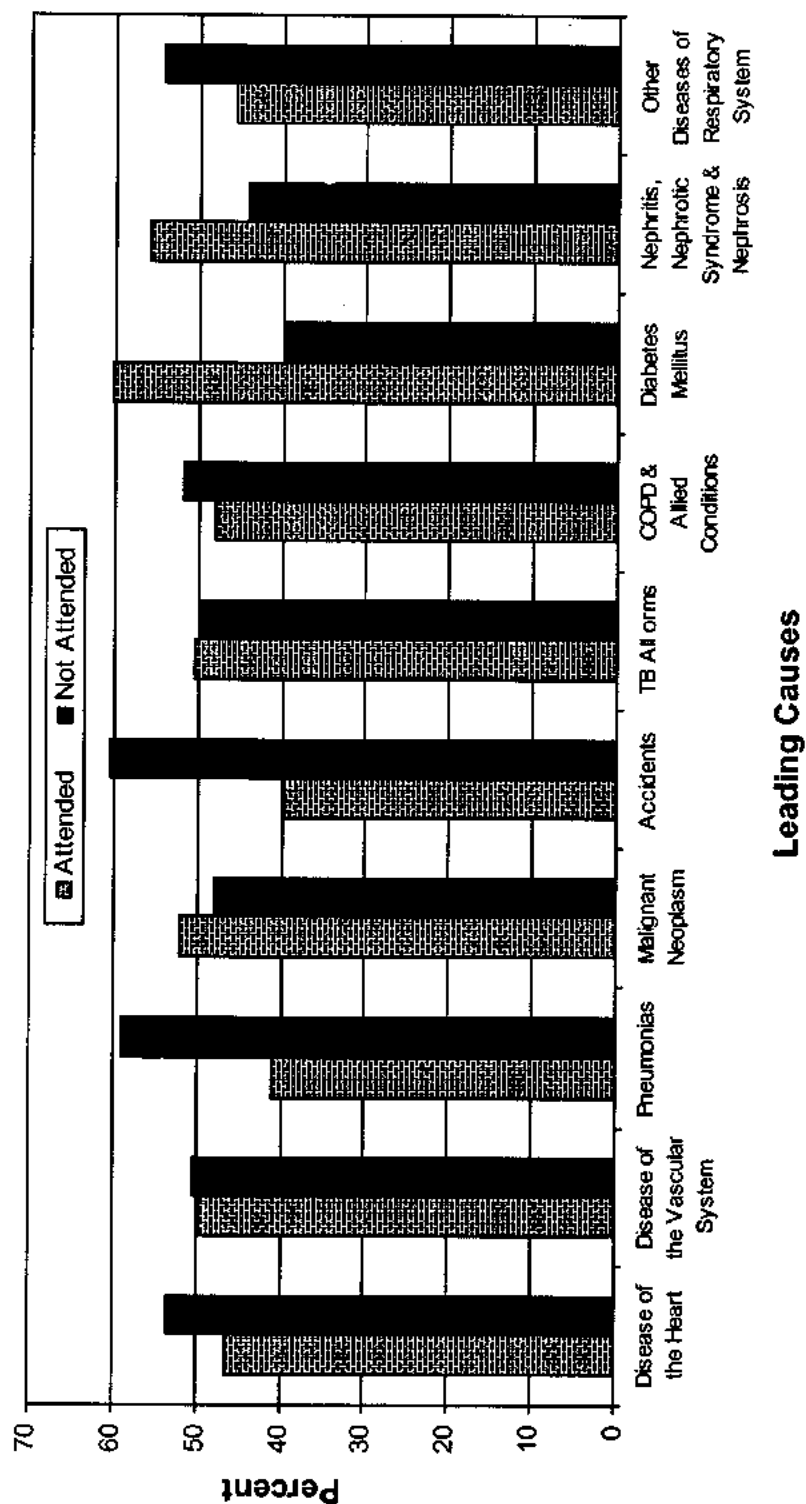


Fig. 22

TABLE 22

Mortality: By Attendance, Health Region, Province & City
Number & Percentage Distribution
Philippines
1997

Area	Total Deaths	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
PHILIPPINES	339,400	166,687	49.1	172,713	50.9
NAT. CAP. REGION	58,746	34,554	58.8	24,192	7.1
CITY OF MANILA	19,175	12,473	65.0	6,702	2.0
MANILA, 2ND DISTRICT	717	497	69.3	220	0.1
MANDALUYONG	1,773	1,248	70.4	525	0.2
PASIG CITY	2,933	1,889	64.4	1,044	0.3
QUEZON CITY	13,960	9,058	64.9	4,902	1.4
MARIKINA CITY	1,793	1,043	58.2	750	0.2
MANILA, 3RD DISTRICT	3,707	1,548	41.8	2,159	0.6
KALOOKAN CITY	4,212	1,424	33.8	2,788	0.8
MANILA, 4TH DISTRICT	6,324	2,896	45.8	3,428	1.0
MAKATI CITY	2,382	1,606	67.4	776	0.2
PASAY CITY	1,770	872	49.3	898	0.3
C.A.R.	4,569	1,989	43.5	2,580	0.8
ABRA	1,017	302	29.7	715	0.2
APAYAO	193	37	19.2	156	0.05
BENGUET	953	383	40.2	570	0.2
IFUGAO	449	179	39.9	270	0.1
KALINGA	277	123	44.4	154	0.05
MT. PROVINCE	454	161	35.5	293	0.1
BAGUIO CITY	1,226	804	65.6	422	0.1
REGION 1	25,532	12,933	50.7	12,599	3.7
ILOCOS NORTE	2,702	999	37.0	1,703	0.5
ILOCOS SUR	3,819	2,047	53.6	1,772	0.5
LA UNION	4,159	2,316	55.7	1,843	0.5
PANGASINAN	11,250	5,231	46.5	6,019	1.8
DAGUPAN CITY	1,798	1,415	78.7	383	0.1
LAOAG CITY	813	466	57.3	347	0.1
SAN CARLOS CITY	991	459	46.3	532	0.2
REGION 2	11,265	5,150	45.7	6,115	1.8
BATANES	93	44	47.3	49	0.01
CAGAYAN	4,995	2,091	41.9	2,904	0.9

TABLE 22

Mortality: By Attendance, Health Region, Province & City
Number & Percentage Distribution
Philippines
1997

Area	Total Deaths	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
ISABELA	3,432	1,909	55.6	1,523	0.4
NUEVA VIZCAYA	1,496	711	47.5	785	0.2
QUIRINO	516	111	21.5	405	0.1
SANTIAGO CITY	733	284	38.7	449	0.1
REGION 3	36,484	18,997	52.1	17,487	5.2
BATAAN	2,455	1,087	44.3	1,368	0.4
BULACAN	9,789	5,925	60.5	3,864	1.1
NUEVA ECIJA	5,302	2,745	51.8	2,557	0.8
PAMPANGA	6,108	2,749	45.0	3,359	1.0
TARLAC	5,522	2,577	46.7	2,945	0.9
ZAMBALES	2,224	987	44.4	1,237	0.4
ANGELES CITY	1,490	894	60.0	596	0.2
CABANATUAN CITY	1,850	1,099	59.4	751	0.2
OLONGAPO CITY	1,052	523	49.7	529	0.2
PALAYAN CITY	98	35	35.7	63	0.02
SAN JOSE CITY	594	376	63.3	218	0.1
REGION 4	49,638	27,326	55.1	22,312	6.6
AURORA	656	251	38.3	405	0.1
BATANGAS	6,703	3,400	50.7	3,303	1.0
CAVITE	6,710	4,699	70.0	2,011	0.6
LAGUNA	7,209	3,966	55.0	3,243	1.0
MARINDUQUE	1,416	920	65.0	496	0.1
MINDORO OCC.	1,196	579	48.4	617	0.2
MINDORO OR.	2,698	1,303	48.3	1,395	0.4
PALAWAN	1,225	566	46.2	659	0.2
QUEZON	7,310	3,601	49.3	3,709	1.1
RIZAL	5,583	2,481	44.4	3,102	0.9
ROMBLON	1,406	703	50.0	703	0.2
BATANGAS CITY	1,403	693	49.4	710	0.2
CAVITE CITY	685	469	68.5	216	0.1
LIPA CITY	1,308	860	65.7	448	0.1
LUCENA CITY	1,511	785	52.0	726	0.2
PUERTO PRINCESA CITY	640	495	77.3	145	0.04
SAN PABLO CITY	1,427	1,048	73.4	379	0.1
TAGAYTAY CITY	122	102	83.6	20	0.01
TRECE MARTIRES CITY	430	405	94.2	25	0.01

TABLE 22

Mortality: By Attendance, Health Region, Province & City
Number & Percentage Distribution
Philippines
1997

Area	Total Deaths	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
REGION 5	22,005	9,412	42.8	12,593	3.7
ALBAY	4,655	2,258	48.5	2,397	0.7
CAMARINES NORTE	2,486	846	34.0	1,640	0.5
CAMARINES SUR	4,783	1,362	28.5	3,421	1.0
CATANDUANES	1,233	499	40.5	734	0.2
MASBATE	2,176	869	39.9	1,307	0.4
SORSOGON	3,503	1,225	35.0	2,278	0.7
IRIGA CITY	527	131	24.9	396	0.1
LEGASPI CITY	1,113	929	83.5	184	0.1
NAGA CITY	1,529	1,293	84.6	236	0.1
REGION 6	33,827	16,306	48.2	17,521	5.2
AKLAN	2,702	1,375	50.9	1,327	0.4
ANTIQUE	2,861	1,098	38.4	1,763	0.5
CAPIZ	2,553	373	14.6	2,180	0.6
ILOILO	7,835	4,192	53.5	3,643	1.1
NEGROS OCC.	5,433	2,100	38.7	3,333	1.0
GUIMARAS	481	123	25.6	358	0.1
BACOLOD CITY	3,860	2,598	67.3	1,262	0.4
BAGO CITY	590	147	24.9	443	0.1
CADIZ CITY	555	200	36.0	355	0.1
ILOILO CITY	3,623	2,293	63.3	1,330	0.4
LA CARLOTA CITY	286	81	28.3	205	0.1
ROXAS CITY	1,087	571	52.5	516	0.2
SAGAY CITY	473	182	38.5	291	0.1
SAN CARLOS CITY	625	256	41.0	369	0.1
SILAY CITY	863	717	83.1	146	0.04
REGION 7	29,249	11,819	40.4	17,430	5.1
BOHOL	5,097	1,724	33.8	3,373	1.0
CEBU	8,962	2,823	31.5	6,139	1.8
NEGROS OR.	2,623	470	17.9	2,153	0.6
SIQUIJOR	607	443	73.0	164	0.05
BAIS CITY	279	79	28.3	200	0.1
CANLAON CITY	247	59	23.9	188	0.1
CEBU CITY	6,553	3,646	55.6	2,907	0.9

TABLE 22

Mortality: By Attendance, Health Region, Province & City
Number & Percentage Distribution
Philippines
1997

Area	Total Deaths	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
DANAO CITY	388	118	30.4	270	0.1
DUMAGUETE CITY	1,257	897	71.4	360	0.1
LAPU-LAPU CITY	972	534	54.9	438	0.1
MANDAWE CITY	765	224	29.3	541	0.2
TAGBILARAN CITY	871	637	73.1	234	0.1
TOLEDO CITY	628	165	26.3	463	0.1
REGION 8	15,622	6,598	42.2	9,024	2.7
LEYTE DEL NORTE	5,115	1,884	36.8	3,231	1.0
LEYTE DEL SUR	2,108	1,129	53.6	979	0.3
EASTERN SAMAR	864	348	40.3	516	0.2
NORTHERN SAMAR	2,860	880	30.8	1,980	0.6
WESTERN SAMAR	1,035	311	30.0	724	0.2
BILIRAN	635	314	49.4	321	0.1
CALBAYOG CITY	562	185	32.9	377	0.1
ORMOC CITY	860	455	52.9	405	0.1
TACLOBAN CITY	1,583	1,092	69.0	491	0.1
REGION 9	8,669	3,853	44.4	4,816	1.4
BASILAN	525	230	43.8	295	0.1
ZAMBO. DEL NORTE	1,576	476	30.2	1,100	0.3
ZAMBO. DEL SUR	2,622	1,026	39.1	1,596	0.5
DAPITAN CITY	395	185	46.8	210	0.1
DIPOLOG CITY	615	390	63.4	225	0.1
PAGADIAN CITY	561	303	54.0	258	0.1
ZAMBOANGA CITY	2,375	1,243	52.3	1,132	0.3
REGION 10	10,236	4,464	43.6	5,772	1.7
BUKIDNON	2,054	676	32.9	1,378	0.4
CAMIGUIN	390	245	62.8	145	0.04
MISAMIS OCC.	1,143	454	39.7	689	0.2
MISAMIS OR.	1,911	665	34.8	1,246	0.4
CAGAYAN DEL ORO	2,586	1,318	51.0	1,268	0.4
GINGOOG CITY	498	198	39.8	300	0.1
OROQUIETA CITY	544	284	52.2	260	0.1
OZAMIS CITY	815	455	55.8	360	0.1
TANGUB CITY	295	169	57.3	126	0.04

TABLE 22

Mortality: By Attendance, Health Region, Province & City
Number & Percentage Distribution
Philippines
1997

Area	Total Deaths	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
REGION 11	18,162	7,265	40.0	10,897	3.2
COTABATO SOUTH	2,386	1,213	50.8	1,173	0.3
DAVAO ORIENTAL	1,264	437	34.6	827	0.2
DAVAO DEL NORTE	4,230	1,223	28.9	3,007	0.9
DAVAO DEL SUR	2,490	900	36.1	1,590	0.5
SARANGANI	585	220	37.6	365	0.1
DAVAO CITY	5,569	2,504	45.0	3,065	0.9
GEN. SANTOS CITY	1,638	768	46.9	870	0.3
REGION 12	7,342	3,073	41.9	4,269	1.3
LANAO DEL NORTE	1,069	352	32.9	717	0.2
NORTH COTABATO	2,289	900	39.3	1,389	0.4
SULTAN KUDARAT	1,499	677	45.2	822	0.2
COTABATO CITY	796	417	52.4	379	0.1
ILIGAN CITY	1,499	663	44.2	836	0.2
MARAWI CITY	190	64	33.7	126	0.04
A.R.M.M.	1,013	389	38.4	624	0.2
LANAO DEL SUR	311	124	39.9	187	0.1
MAGUINDANAO	354	73	20.6	281	0.1
SULU	267	149	55.8	118	0.03
TAWI-TAWI	81	43	53.1	38	0.01
CARAGA REGION	7,041	2,559	36.3	4,482	1.3
AGUSAN DEL NORTE	844	196	23.2	648	0.2
AGUSAN DEL SUR	1,010	315	31.2	695	0.2
SURIGAO DEL NORTE	1,160	310	26.7	850	0.3
SURIGAO DEL SUR	1,776	699	39.4	1,077	0.3
BUTUAN CITY	1,489	672	45.1	817	0.2
SURIGAO CITY	762	367	48.2	395	0.1

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	All Ages			
	Male	Female	Both Sexes	Rate
Cholera (A00)	37	26	63	0.088
Typhoid & Paratyphoid fevers (A01)	528	359	887	1.240
Other salmonella infections (A02)	7	7	14	0.020
Shigellosis and amoebiasis (Dysentery, All Forms) (A04;A06)	165	110	275	0.384
Other food poisoning (Bacterial) (A05)	40	14	54	0.075
Other intestinal infectious diseases (A07; A08)	18	15	33	0.046
Non- Specific Diarrheas (A09)	1,822	1,336	3,158	4.414
Tuberculosis of the respiratory system (A10-A12)	17,087	8,141	25,228	35.259
Tuberculosis of meninges & CNS (A17)	294	239	533	0.745
Other tuberculosis, including late effects (A14-A18;B90)	224	166	390	0.545
Plague (A20)	1	-	1	0.001
Leprosy (A30)	39	17	56	0.078
Diphtheria (A36)	16	14	30	0.042
Whooping cough (A37)	4	2	6	0.008
Streptococcal sore throat (A40)	4	-	4	0.006
Meningococcal infection (A39)	95	73	168	0.235
Tetanus (A35)	546	138	684	0.956
Septicemia (A41)	2,427	2,190	4,617	6.453
All other diseases caused by bacteria (A21-A25;A31;A42;A46;A48-A49)	120	51	171	0.239
Acute poliomyelitis including late effects (A80)	20	20	40	0.056
Smallpox (B03)	-	-	-	-
Chickenpox (B01)	44	15	59	0.082
Measles (B05)	804	645	1,449	2.025
Yellow Fever (A95)	3	-	3	0.004
Dengue-hemorrhagic fever (A90-A99)	473	482	955	1.335
Arthropod-borne viral encephalitis including late effects (A83-A89)	71	49	120	0.168
Viral hepatitis (B15-B19)	725	347	1,072	1.498
Rabies (A81-A82)	448	229	677	0.946
Other viral diseases (A70;A72;A74; A82;A88;A89;A94;B00-B02;B06-B08;B26)	472	398	870	1.216
Malaria (B50-B54)	338	176	514	0.718
Other arthropod-borne diseases (A75-A79)	7	6	13	0.018
Syphilis (A56-A64)	15	4	19	0.027
Gonococcal Infections (A54)	1	2	3	0.004

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Under 1 Year				1-4 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	1	1	2	0.10	7	4	11	0.14
Typhoid & Paratyphoid fevers	10	5	15	0.75	24	22	46	0.61
Other salmonella infections	1	1	2	0.10	-	-	-	0.00
Shigellosis and amoebiasis (Dysentery, All Forms)	29	29	58	2.90	29	19	48	0.64
Other food poisoning (Bacterial)	1	-	1	0.05	12	7	19	0.25
Other intestinal infectious diseases	4	4	8	0.40	6	5	11	0.15
Diarrheas	613	406	1,019	50.97	504	373	877	11.66
Tuberculosis of the respiratory sys.	14	2	16	0.80	20	16	36	0.48
Tuberculosis of meninges & CNS	12	2	14	0.70	39	45	84	1.12
Other tuberculosis, including late effects	1	2	3	0.15	4	3	7	0.09
Plague	-	-	-	-	-	-	-	-
Leprosy	1	-	1	0.05	-	-	-	-
Diphtheria	3	1	4	0.20	10	7	17	0.23
Whooping cough	1	1	2	0.10	-	-	-	0.00
Streptococcal sore throat	1	-	1	0.05	1	-	1	0.01
Meningococcal infection	19	24	43	2.15	28	26	54	0.72
Tetanus	18	7	25	1.25	18	7	25	0.33
Septicemia	486	371	857	42.87	212	153	365	4.85
All other diseases caused by bacteria	16	5	21	1.05	17	8	25	0.33
Acute poliomyelitis including late effects	4	2	6	0.30	3	1	4	0.05
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	8	4	12	0.60	7	1	8	0.11
Measles	263	169	432	21.61	429	360	789	10.49
Yellow Fever	-	-	-	-	-	-	-	-
Dengue-hemorrhagic fever	31	34	65	3.25	119	141	260	3.46
Arthropod-borne viral encephalitis including late effects	5	4	9	0.45	12	9	21	0.28
Viral hepatitis	16	16	32	1.60	23	15	38	0.51
Rabies	2	4	6	0.30	26	16	42	0.56
Other viral diseases	74	60	134	6.70	101	86	187	2.49
Malaria	9	9	18	0.90	20	12	32	0.43
Other arthropod-borne diseases	1	-	1	0.05	1	1	2	0.03
Syphilis	3	1	4	0.20	2	-	2	0.03
Gonococcal Infections	-	1	1	0.05	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	5-9 Years				10-14 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	3	1	4	0.04	1	1	2	0.02
Typhoid & Paratyphoid fevers	30	34	64	0.71	45	40	85	1.03
Other salmonella infections	-	1	1	0.01	2	-	2	0.02
Shigellosis and amoebiasis (Dysentery, All Forms)	12	7	19	0.21	4	6	10	0.12
Other food poisoning (Bacterial)	5	4	9	0.10	2	-	2	0.02
Other intestinal infectious diseases	-	1	1	0.01	-	-	-	-
Diarrheas	108	84	192	2.14	47	29	76	0.92
Tuberculosis of the respiratory sys	30	17	47	0.52	64	38	102	1.24
Tuberculosis of meninges & CNS	34	37	71	0.79	33	35	68	0.82
Other tuberculosis, including late effects	5	6	11	0.12	8	10	18	0.22
Plague	-	-	-	-	-	-	-	-
Leprosy	-	-	-	-	1	-	1	0.01
Diphtheria	1	4	5	0.06	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-
Streptococcal sore throat	-	-	-	-	-	-	-	-
Meningococcal infection	9	9	18	0.20	8	-	8	0.10
Tetanus	31	15	46	0.51	67	13	80	0.97
Septicemia	83	66	149	1.66	63	50	113	1.37
All other diseases caused by bacteria	7	-	7	0.08	3	5	8	0.10
Acute poliomyelitis including late effects	1	1	2	0.02	3	4	7	0.08
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	3	4	7	0.08	1	-	1	0.01
Measles	55	76	131	1.46	36	25	61	0.74
Yellow Fever	-	-	-	0.00	-	-	-	-
Dengue-hemorrhagic fever	176	195	371	4.14	58	55	113	1.37
Arthropod-borne viral encephalitis including late effects	10	4	14	0.16	11	8	19	0.23
Viral hepatitis	21	5	26	0.29	14	11	25	0.30
Rabies	80	39	119	1.33	67	32	99	1.20
Other viral diseases	53	37	90	1.00	44	46	90	1.09
Malaria	10	7	17	0.19	14	13	27	0.33
Other arthropod-borne diseases	-	1	1	0.01	-	1	1	0.01
Syphilis	-	-	-	-	-	-	-	-
Gonococcal Infections	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	15-19 Years				20-24 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	2	-	2	0.03	1	-	1	0.01
Typhoid & Paratyphoid fevers	62	58	120	1.60	66	36	102	1.52
Other salmonella infections	-	-	-	-	1	-	1	0.01
Shigellosis and amoebiasis (Dysentery, All Forms)	4	1	5	0.07	1	3	4	0.06
Other food poisoning (Bacterial)	2	1	3	0.04	2	1	3	0.04
Other intestinal infectious diseases	-	-	-	-	-	-	-	-
Diarrheas	24	19	43	0.57	21	17	38	0.57
Tuberculosis of the respiratory sys.	146	95	241	3.22	262	172	434	6.48
Tuberculosis of meninges & CNS	31	25	56	0.75	27	19	46	0.69
Other tuberculosis, including late effects	12	5	17	0.23	14	10	24	0.36
Plague	-	-	-	-	-	-	-	-
Leprosy	1	2	3	0.04	1	-	1	0.01
Diphtheria	-	-	-	-	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-
Streptococcal sore throat	-	-	-	-	-	-	-	-
Meningococcal infection	6	3	9	0.12	5	1	6	0.09
Tetanus	50	3	53	0.71	41	2	43	0.64
Septicemia	61	55	116	1.55	63	51	114	1.70
All other diseases caused by bacteria	1	3	4	0.05	2	3	5	0.07
Acute poliomyelitis including late effects	2	3	5	0.07	4	2	6	0.09
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	3	2	5	0.07	-	-	-	-
Measles	8	10	18	0.24	4	3	7	0.10
Yellow Fever	-	-	-	-	-	-	-	-
Dengue-hemorrhagic fever	29	21	50	0.67	12	14	26	0.39
Arthropod-borne viral encephalitis including late effects	3	5	8	0.11	6	2	8	0.12
Viral hepatitis	29	15	44	0.59	30	26	56	0.84
Rabies	22	14	36	0.48	18	6	24	0.36
Other viral diseases	41	36	77	1.03	21	14	35	0.52
Malaria	9	17	26	0.35	19	11	30	0.45
Other arthropod-borne diseases	-	-	-	-	-	-	-	-
Syphilis	-	-	-	-	1	-	1	0.01
Gonococcal Infections	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	25-29 Years				30-34 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	1	2	3	0.05	1	3	4	0.08
Typhoid & Paratyphoid fevers	57	32	89	1.50	48	22	70	1.36
Other salmonella infections	-	-	-	-	-	2	2	0.04
Shigellosis and amoebiasis (Dysentery, All Forms)	6	-	6	0.10	2	-	2	0.04
Other food poisoning (Bacterial)	1	-	1	0.02	4	-	4	0.08
Other intestinal infectious diseases	-	-	-	-	1	-	1	0.02
Diarrheas	24	15	39	0.66	33	16	49	0.95
Tuberculosis of the respiratory sys.	476	271	747	12.61	623	312	935	18.13
Tuberculosis of meninges & CNS	12	14	26	0.44	13	11	24	0.47
Other tuberculosis, including late effects	11	13	24	0.41	12	10	22	0.43
Plague	-	-	-	-	-	-	-	-
Leprosy	1	-	1	0.02	1	-	1	0.02
Diphtheria	1	-	1	0.02	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-
Streptococcal sore throat	-	-	-	-	-	-	-	-
Meningococcal infection	-	-	-	-	2	1	3	0.06
Tetanus	29	5	34	0.57	37	4	41	0.79
Septicemia	72	72	144	2.43	69	65	134	2.60
All other diseases caused by bacteria	4	1	5	0.08	-	4	4	0.08
Acute poliomyelitis including late effects	-	1	1	0.02	2	1	3	0.06
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	4	-	4	0.07	3	1	4	0.08
Measles	-	-	-	-	3	-	3	0.06
Yellow Fever	-	-	-	-	-	-	-	-
Dengue-hemorrhagic fever	16	6	22	0.37	4	3	7	0.14
Arthropod-borne viral encephalitis including late effects	5	4	9	0.15	2	1	3	0.06
Viral hepatitis	57	15	72	1.22	51	27	78	1.51
Rabies	36	6	42	0.71	27	10	37	0.72
Other viral diseases	16	22	38	0.64	14	7	21	0.41
Malaria	29	10	39	0.66	24	9	33	0.64
Other arthropod-borne diseases	-	-	-	-	-	-	-	-
Syphilis	-	-	-	-	1	-	1	0.02
Gonococcal Infections	1	-	1	0.02	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	35-39 Years				40-44 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	3	2	5	0.11	3	-	3	0.08
Typhoid & Paratyphoid fevers	38	22	60	1.36	26	14	40	1.08
Other salmonella infections	-	-	-	-	1	1	2	0.05
Shigellosis and amoebiasis (Dysentery, All Forms)	7	1	8	0.18	5	2	7	0.19
Other food poisoning (Bacterial)	-	-	-	-	4	-	4	0.11
Other intestinal infectious diseases	1	-	1	0.02	1	-	1	0.03
Diarrheas	22	19	41	0.93	37	11	48	1.30
Tuberculosis of the respiratory sys.	821	428	1,249	28.27	1,063	431	1,494	40.48
Tuberculosis of meninges & CNS	13	14	27	0.61	13	9	22	0.60
Other tuberculosis, including late effects	17	14	31	0.70	15	10	25	0.68
Plague	-	-	-	-	1	-	1	0.03
Leprosy	5	1	6	0.14	2	2	4	0.11
Diphtheria	-	-	-	-	-	-	-	-
Whooping cough	1	-	1	0.02	-	-	-	-
Streptococcal sore throat	-	-	-	-	-	-	-	-
Meningococcal infection	2	4	6	0.14	3	-	3	0.08
Tetanus	37	6	43	0.97	32	2	34	0.92
Septicemia	64	70	134	3.03	96	55	151	4.09
All other diseases caused by bacteria	7	4	11	0.25	12	-	12	0.33
Acute poliomyelitis including late effects	-	-	-	-	-	2	2	0.05
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	2	2	4	0.09	-	-	-	-
Measles	1	2	3	0.07	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-
Dengue-hemorrhagic fever	9	4	13	0.29	8	2	10	0.27
Arthropod-borne viral encephalitis including late effects	4	4	8	0.18	1	-	1	0.03
Viral hepatitis	69	33	102	2.31	76	24	100	2.71
Rabies	25	9	34	0.77	31	13	44	1.19
Other viral diseases	18	14	32	0.72	18	7	25	0.68
Malaria	32	15	47	1.06	31	7	38	1.03
Other arthropod-borne diseases	-	-	-	-	1	-	1	0.03
Syphilis	-	-	-	-	1	-	1	0.03
Gonococcal infections	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	45-49 Years				50-54 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	-	3	3	0.10	-	2	2	0.08
Typhoid & Paratyphoid fevers	31	12	43	1.42	23	11	34	1.41
Other salmonella infections	-	-	-	-	-	-	-	-
Shigellosis and amoebiasis (Dysentery, All Forms)	5	2	7	0.23	4	3	7	0.29
Other food poisoning (Bacterial)	-	1	1	0.03	1	-	1	0.04
Other intestinal infectious diseases	-	1	1	0.03	2	-	2	0.08
Diarrheas	34	17	51	1.68	48	24	72	2.98
Tuberculosis of the respiratory sys.	1,400	494	1,894	62.57	1,539	541	2,080	86.20
Tuberculosis of meninges & CNS	17	10	27	0.89	10	2	12	0.50
Other tuberculosis, including late effects	17	13	30	0.99	10	7	17	0.70
Plague	-	-	-	-	-	-	-	-
Leprosy	1	1	2	0.07	3	-	3	0.12
Diphtheria	-	1	1	0.03	-	-	-	-
Whooping cough	-	-	-	-	-	-	-	-
Streptococcal sore throat	-	-	-	-	-	-	-	-
Meningococcal infection	4	-	4	0.13	-	-	-	-
Tetanus	23	3	26	0.86	33	6	39	1.62
Septicemia	85	64	149	4.92	92	52	144	5.97
All other diseases caused by bacteria	5	-	5	0.17	6	1	7	0.29
Acute poliomyelitis including late effects	-	2	2	0.07	1	-	1	0.04
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	2	1	3	0.10	-	-	-	-
Measles	1	-	1	0.03	-	-	-	-
Yellow Fever	-	-	-	-	1	-	1	0.04
Dengue-hemorrhagic fever	4	2	6	0.20	-	2	2	0.08
Arthropod-borne viral encephalitis including late effects	3	1	4	0.13	1	1	2	0.08
Viral hepatitis	83	27	110	3.63	57	16	73	3.03
Rabies	27	11	38	1.26	19	13	32	1.33
Other viral diseases	12	7	19	0.63	16	10	26	1.08
Malaria	24	6	30	0.99	31	13	44	1.82
Other arthropod-borne diseases	-	1	1	0.03	1	-	1	0.04
Syphilis	-	-	-	-	-	-	-	-
Gonococcal infections	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	55-59 Years				60-64 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	4	1	5	0.01	-	1	1	0.07
Typhoid & Paratyphoid fevers	16	9	25	0.03	17	10	27	1.86
Other salmonella infections	-	-	-	0.00	1	-	1	0.07
Shigellosis and amoebiasis (Dysentery, All Forms)	6	5	11	0.02	13	6	19	1.31
Other food poisoning (Bacterial)	4	-	4	0.01	-	-	-	-
Other intestinal infectious diseases	-	1	1	0.00	2	1	3	0.21
Diarrheas	31	20	51	0.07	42	42	84	5.79
Tuberculosis of the respiratory sys.	1,878	616	2,494	3.49	2,199	850	3,049	210.08
Tuberculosis of meninges & CNS	10	3	13	0.02	8	2	10	0.69
Other tuberculosis, including late effects	21	10	31	0.04	21	15	36	2.48
Plague	-	-	-	0.00	-	-	-	-
Leprosy	1	1	2	0.00	3	2	5	0.34
Diphtheria	-	-	-	0.00	-	-	-	-
Whooping cough	-	-	-	0.00	-	-	-	-
Streptococcal sore throat	1	-	1	0.00	-	-	-	-
Meningococcal infection	4	-	4	0.01	1	-	1	0.07
Tetanus	29	13	42	0.06	30	19	49	3.38
Septicemia	103	73	176	0.25	115	85	200	13.78
All other diseases caused by bacteria	8	1	9	0.01	7	1	8	0.55
Acute poliomyelitis including late effects	-	-	-	0.00	-	-	-	-
Smallpox	-	-	-	0.00	-	-	-	-
Chickenpox	2	-	2	0.00	5	-	5	0.34
Measles	1	-	1	0.00	2	-	2	0.14
Yellow Fever	-	-	-	0.00	-	-	-	-
Dengue-hemorrhagic fever	1	1	2	0.00	2	-	2	0.14
Arthropod-borne viral encephalitis including late effects	2	1	3	0.00	2	-	2	0.14
Viral hepatitis	60	29	89	0.12	50	24	74	5.10
Rabies	15	9	24	0.03	17	12	29	2.00
Other viral diseases	10	7	17	0.02	5	4	9	0.62
Malaria	26	8	34	0.05	22	5	27	1.86
Other arthropod-borne diseases	1	-	1	0.00	-	-	-	-
Syphilis	1	1	2	0.00	-	1	1	0.07
Gonococcal Infections	-	-	-	0.00	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	65-69 Years				70 Years & Over			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholera	2	1	3	0.28	8	4	12	0.76
Typhoid & Paratyphoid fevers	10	7	17	1.56	24	25	49	3.10
Other salmonella infections	-	2	2	0.18	1	-	1	0.06
Shigellosis and amoebiasis (Dysentery, All Forms)	4	1	5	0.46	32	25	57	3.60
Other food poisoning (Bacterial)	-	-	-	-	2	-	2	0.13
Other intestinal infectious diseases	-	-	-	-	1	2	3	0.19
Diarrheas	35	41	76	6.98	195	199	394	24.89
Tuberculosis of the respiratory sys.	2,081	938	3,019	277.13	4,441	2,904	7,345	464.08
Tuberculosis of meninges & CNS	10	2	12	1.10	12	7	19	1.20
Other tuberculosis, including late effects	18	11	29	2.66	37	27	64	4.04
Plague	-	-	-	-	-	-	-	-
Leprosy	5	2	7	0.64	13	6	19	1.20
Diphtheria	1	-	1	0.09	-	1	1	0.06
Whooping cough	-	-	-	-	2	-	2	0.13
Streptococcal sore throat	1	-	1	0.09	-	-	-	-
Meningococcal infection	-	2	2	0.18	3	3	6	0.38
Tetanus	28	14	42	3.86	43	19	62	3.92
Septicemia	121	97	218	20.01	642	810	1,452	91.74
All other diseases caused by bacteria	7	2	9	0.83	18	13	31	1.96
Acute poliomyelitis including late effects	-	-	-	-	-	1	1	0.06
Smallpox	-	-	-	-	-	-	-	-
Chickenpox	2	-	2	0.18	2	-	2	0.13
Measles	-	-	-	-	1	-	1	0.06
Yellow Fever	1	-	1	0.09	1	-	1	0.06
Dengue-hemorrhagic fever	1	1	2	0.18	3	1	4	0.25
Arthropod-borne viral encephalitis including late effects	-	-	-	-	4	5	9	0.57
Viral hepatitis	33	28	61	5.60	56	35	91	5.75
Rabies	12	9	21	1.93	23	24	47	2.97
Other viral diseases	3	10	13	1.19	26	31	57	3.60
Malaria	7	17	24	2.20	31	17	48	3.03
Other arthropod-borne diseases	1	1	2	0.18	1	1	2	0.13
Syphilis	-	-	-	-	6	1	7	0.44
Gonococcal Infections	-	-	-	-	-	1	1	0.06

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Not Stated			
	Male	Female	Both Sexes	Rate
Cholera	-	-	-	-
Typhoid & Paratyphoid fevers	1	-	1	0.001
Other salmonella infections	-	-	-	-
Shigellosis and amoebiasis (Dysentery, All Forms)	2	-	2	0.003
Other food poisoning (Bacterial)	-	-	-	-
Other intestinal infectious diseases	-	-	-	-
Non-Specific Diarrheas	4	4	8	0.011
Tuberculosis of the respiratory system	30	16	46	0.064
Tuberculosis of meninges & CNS	-	2	2	0.003
Other tuberculosis, including late effects	1	-	1	0.001
Plague	-	-	-	-
Leprosy	-	-	-	-
Diphtheria	-	-	-	-
Whooping cough	-	1	1	0.001
Streptococcal sore throat	-	-	-	-
Meningococcal infection	1	-	1	0.001
Tetanus	-	-	-	-
Septicemia	-	1	1	0.001
All other diseases caused by bacteria	-	-	-	-
Acute poliomyelitis including late effects	-	-	-	-
Smallpox	-	-	-	-
Chickenpox	-	-	-	-
Measles	-	-	-	-
Yellow Fever	-	-	-	-
Dengue-hemorrhagic fever	-	-	-	-
Arthropod-borne viral encephalitis including late effects	-	-	-	-
Viral hepatitis	-	1	1	0.001
Rabies	1	2	3	0.004
Other viral diseases	-	-	-	-
Malaria	-	-	-	-
Other arthropod-borne diseases	-	-	-	-
Syphilis	-	-	-	-
Gonococcal Infections	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	All Ages			
	Male	Female	Both Sexes	Rate
Schistosomiasis (B56)	157	81	238	0.333
Filariasis (B74;B72)	2	1	3	0.004
Other helminthiasis (B76-B77;B81-B82)	94	99	193	0.270
Other infectious and parasitic diseases (A59;A66;A67;A69;B35-B40;B58;B77;B83)	214	65	279	0.390
Malignant neoplasms of:				
lip, oral cavity and pharynx (C00-C14)	997	674	1,671	2.335
esophagus (C15)	222	101	323	0.451
stomach (C16)	793	585	1,378	1.926
small intestine including duodenum (C17)	98	93	191	0.267
colon (C18)	623	513	1,136	1.588
rectum, rectosigmoid junction and anus (C19-C21)	267	212	479	0.669
larynx (C32)	191	77	268	0.375
trachea, bronchus, lung and pleura (C33-C34)	3,825	1,251	5,076	7.094
bone and articular cartilage (C40-C41)	777	535	1,312	1.834
skin (C43-C44)	109	73	182	0.254
female breast (C50)	-	2,540	2,540	3.550
cervix uteri (C53)	-	630	630	0.881
uterus (C55)	-	552	552	0.771
placenta	-	18	18	0.025
body of uterus	-	398	398	0.556
other female genital organs (C51-C52;C56-C57)	-	576	576	0.805
prostate (C61)	734	-	734	1.026
other and unspecified sites (C22-C26;C30-C31; C37-C39;C48-C49;C62;C64-C72;C75-C80)	5,897	3,736	9,633	13.463
lymphatic tissue (C81-C83;C85;C88-C90)	445	286	731	1.022
Leukemia (C91)	961	888	1,849	2.584
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior and of unspecified nature (D10-D36)	345	395	740	1.034
Diabetes mellitus (E10)	3,777	4,006	7,783	10.878
Kwashiorkor (E40)	48	43	91	0.127
Nutritional marasmus (E41)	109	79	188	0.263
Other protein calorie malnutrition (E43)	342	381	723	1.010
Other nutritional deficiencies (E44)	861	887	1,748	2.443
Goiter, thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders (E00;E04-E07;E20-E31;E34;E70-E75;E77-E78; E80;E83-E88)	1,031	1,131	2,162	3.022
Anemias (D50-D53;D55-D59; D61-D62;D64)	1,026	1,011	2,037	2.847
Other diseases of blood-forming organs (D66-D71;D73-D75;D77)	344	323	667	0.932

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Under 1 Year				1 - 4 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	-	-	-	-	-	-	-	-
Filariasis	-	-	-	-	-	-	-	-
Other helminthiasis	5	6	11	0.55	49	58	107	1.42
Other infectious and parasitic diseases	10	11	21	1.05	7	10	17	0.23
Malignant neoplasms of:								
lip, oral cavity and pharynx	-	-	-	-	1	3	4	0.05
esophagus	1	-	1	0.05	-	-	-	-
stomach	-	1	1	0.05	2	2	4	0.05
small intestine including duodenum	1	-	1	0.05	-	-	-	-
colon	-	-	-	-	-	1	1	0.01
rectum, rectosigmoid junction and anus	-	-	-	-	1	2	3	0.04
larynx	-	-	-	-	-	-	-	-
trachea, bronchus, lung & pleura	-	-	-	-	1	3	4	0.05
bone and articular cartilage	1	1	2	0.10	4	5	9	0.12
skin	-	-	-	-	-	-	-	-
female breast	-	-	-	-	-	-	-	-
cervix uteri	-	-	-	-	-	-	-	-
uterus	-	-	-	-	-	-	-	-
placenta	-	-	-	-	-	-	-	-
body of uterus	-	-	-	-	-	-	-	-
other female genital organs	-	-	-	-	-	-	-	-
prostate	-	-	-	-	-	-	-	-
other and unspecified sites	21	11	32	1.60	63	71	134	1.78
lymphatic tissue	-	-	-	-	6	4	10	0.13
Leukemia	20	9	29	1.45	96	74	170	2.26
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	3	5	8	0.40	3	3	6	0.08
Diabetes mellitus	2	2	4	0.20	8	4	12	0.16
Kwashiorkor	14	9	23	1.15	21	22	43	0.57
Nutritional marasmus	20	9	29	1.45	37	22	59	0.78
Other protein calorie malnutrition	60	67	127	6.35	116	105	221	2.94
Other nutritional deficiencies	90	70	160	8.00	107	75	182	2.42
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	173	110	283	14.16	118	108	226	3.00
Anemias	44	29	73	3.65	55	41	96	1.28
Other diseases of blood-forming organs	72	46	118	5.90	32	33	65	0.86

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	5-9 Years				10-14 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	3	-	3	0.03	1	2	3	0.04
Filariasis	-	-	-	-	-	-	-	-
Other helminthiasis	20	13	33	0.37	4	5	9	0.11
Other infectious and parasitic diseases	4	2	6	0.07	5	-	5	0.06
Malignant neoplasms of:								
lip, oral cavity and pharynx	1	5	6	0.07	2	2	4	0.05
esophagus	-	-	-	-	-	-	-	-
stomach	-	2	2	0.02	1	2	3	0.04
small intestine including duodenum	-	-	-	-	-	-	-	-
colon	-	-	-	-	2	3	5	0.06
rectum, rectosigmoid junction and anus	-	-	-	-	-	-	-	-
larynx	-	-	-	-	-	-	-	-
trachea, bronchus, lung & pleura	3	3	6	0.07	4	2	6	0.07
bone and articular cartilage	3	7	10	0.11	14	20	34	0.41
skin	-	-	-	-	-	2	2	0.02
female breast	-	-	-	-	-	-	-	-
cervix uteri	-	-	-	-	-	-	-	-
uterus	-	-	-	-	-	-	-	-
placenta	-	-	-	-	-	-	-	-
body of uterus	-	-	-	-	-	-	-	-
other female genital organs	-	-	-	-	-	-	-	-
prostate	-	-	-	-	-	-	-	-
other and unspecified sites	66	47	113	1.26	47	42	89	1.08
lymphatic tissue	7	8	15	0.17	14	3	17	0.21
Leukemia	100	84	184	2.05	94	65	159	1.93
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	2	6	8	0.09	4	3	7	0.08
Diabetes mellitus	2	1	3	0.03	2	9	11	0.13
Kwashiorkor	5	5	10	0.11	1	-	1	0.01
Nutritional marasmus	10	4	14	0.16	7	2	9	0.11
Other protein calorie malnutrition	32	33	65	0.73	16	9	25	0.30
Other nutritional deficiencies	31	20	51	0.57	10	11	21	0.25
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders	30	26	56	0.62	13	15	28	0.34
Anemias	28	32	60	0.67	39	41	80	0.97
Other diseases of blood-forming organs	26	17	43	0.48	19	12	31	0.38

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	15-19 Years				20-24 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	3	2	5	0.07	5	5	10	0.15
Filariasis	-	-	-	-	-	-	-	-
Other helminthiasis	1	2	3	0.04	1	3	4	0.06
Other infectious and parasitic diseases	5	1	6	0.08	11	2	13	0.19
Malignant neoplasms of:								
lip, oral cavity and pharynx	5	4	9	0.12	7	8	15	0.22
esophagus	-	-	-	-	2	1	3	0.04
stomach	2	1	3	0.04	3	5	8	0.12
small intestine including duodenum	-	1	1	0.01	5	-	5	0.07
colon	-	3	3	0.04	9	5	14	0.21
rectum, rectosigmoid junction and anus	-	-	-	-	7	-	7	0.10
larynx	-	1	1	0.01	1	-	1	0.01
trachea, bronchus, lung & pleura	9	3	12	0.16	14	9	23	0.34
bone and articular cartilage	31	25	56	0.75	38	13	51	0.76
skin	4	-	4	0.05	1	2	3	0.04
female breast	-	-	-	-	-	-	-	-
cervix uteri	-	-	-	-	-	-	-	-
uterus	-	-	-	-	-	-	-	-
placenta	-	-	-	-	-	-	-	-
body of uterus	-	-	-	-	-	-	-	-
other female genital organs	-	-	-	-	-	-	-	-
prostate	-	-	-	-	-	-	-	-
other and unspecified sites	79	43	122	1.63	96	69	165	2.46
lymphatic tissue	27	14	41	0.55	20	3	23	0.34
Leukemia	107	75	182	2.43	50	72	122	1.82
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	5	7	12	0.16	3	2	5	0.07
Diabetes mellitus	15	8	23	0.31	17	10	27	0.40
Kwashiorkor	-	-	-	-	-	-	-	-
Nutritional marasmus	2	2	4	0.05	-	1	1	0.01
Other protein calorie malnutrition	9	2	11	0.15	5	6	11	0.16
Other nutritional deficiencies	7	5	12	0.16	5	4	9	0.13
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	13	16	29	0.39	17	23	40	0.60
Anemias	33	37	70	0.94	35	38	73	1.09
Other diseases of blood-forming organs	23	22	45	0.60	15	20	35	0.52

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	25-29 Years				30-34 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	7	2	9	0.15	11	4	15	0.29
Filariasis	1	-	1	0.02	-	-	-	-
Other helminthiasis	-	1	1	0.02	-	-	-	-
Other infectious and parasitic diseases	26	1	27	0.46	22	4	26	0.50
Malignant neoplasms of:								
lip, oral cavity and pharynx	16	7	23	0.39	17	11	28	0.54
esophagus	-	-	-	-	1	1	2	0.04
stomach	17	8	25	0.42	13	12	25	0.48
small intestine including duodenum	1	1	2	0.03	2	-	2	0.04
colon	7	5	12	0.20	14	13	27	0.52
rectum, rectosigmoid junction and anus	5	4	9	0.15	9	7	16	0.31
larynx	-	1	1	0.02	3	-	3	0.06
trachea, bronchus, lung & pleura	21	25	46	0.78	51	30	81	1.57
bone and articular cartilage	32	10	42	0.71	29	24	53	1.03
skin	4	2	6	0.10	5	2	7	0.14
female breast	-	-	-	-	-	82	82	1.59
cervix uteri	-	-	-	-	-	41	41	0.79
uterus	-	-	-	-	-	19	19	0.37
placenta	-	-	-	-	-	3	3	0.06
body of uterus	-	-	-	-	-	11	11	0.21
other female genital organs	-	-	-	-	-	20	20	0.39
prostate	-	-	-	-	-	-	-	-
other and unspecified sites	158	91	249	4.20	251	117	368	7.14
lymphatic tissue	21	11	32	0.54	27	9	36	0.70
Leukemia	64	63	127	2.14	44	37	81	1.57
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	5	11	16	0.27	10	17	27	0.52
Diabetes mellitus	31	16	47	0.79	35	25	60	1.16
Kwashiorkor	-	-	-	-	-	-	-	-
Nutritional marasmus	-	-	-	-	-	-	-	-
Other protein calorie malnutrition	5	2	7	0.12	2	1	3	0.06
Other nutritional deficiencies	7	7	14	0.24	9	7	16	0.31
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders	35	32	67	1.13	33	57	90	1.75
Anemias	35	36	71	1.20	34	32	66	1.28
Other diseases of blood-forming organs	19	11	30	0.51	22	12	34	0.66

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	35-39 Years				40-44 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	21	4	25	0.57	11	5	16	0.43
Filariasis	-	-	-	-	-	-	-	-
Other helminthiasis	2	1	3	0.07	1	-	1	0.03
Other infectious and parasitic diseases	19	3	22	0.50	21	2	23	0.62
Malignant neoplasms of:								
lip, oral cavity and pharynx	42	22	64	1.45	56	19	75	2.03
esophagus	4	2	6	0.14	10	2	12	0.33
stomach	29	31	60	1.36	44	28	72	1.95
small intestine including duodenum	8	2	10	0.23	6	2	8	0.22
colon	27	15	42	0.95	27	18	45	1.22
rectum, rectosigmoid junction and anus	11	7	18	0.41	12	13	25	0.68
larynx	3	2	5	0.11	14	5	19	0.51
trachea, bronchus, lung & pleura	77	34	111	2.51	148	52	200	5.42
bone and articular cartilage	45	30	75	1.70	48	31	79	2.14
skin	2	1	3	0.07	5	3	8	0.22
female breast	-	201	201	4.55	-	328	328	8.89
cervix uteri	-	52	52	1.18	-	79	79	2.14
uterus	-	33	33	0.75	-	62	62	1.68
placenta	-	5	5	0.11	-	1	1	0.03
body of uterus	-	30	30	0.68	-	40	40	1.08
other female genital organs	-	32	32	0.72	-	66	66	1.79
prostate	-	-	-	-	5	-	5	0.14
other and unspecified sites	340	179	519	11.75	455	207	662	17.94
lymphatic tissue	21	14	35	0.79	33	10	43	1.17
Leukemia	39	51	90	2.04	52	37	89	2.41
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	8	32	40	0.91	21	35	56	1.52
Diabetes mellitus	77	46	123	2.78	165	93	258	6.99
Kwashiorkor	-	-	-	-	-	-	-	-
Nutritional marasmus	-	-	-	-	2	1	3	0.08
Other protein calorie malnutrition	7	5	12	0.27	5	6	11	0.30
Other nutritional deficiencies	8	9	17	0.38	13	11	24	0.65
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders	29	40	69	1.56	34	45	79	2.14
Anemias	26	46	72	1.63	34	42	76	2.06
Other diseases of blood-forming organs	13	13	26	0.59	11	17	28	0.76

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	45-49 Years				50-54 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	16	10	26	0.86	16	6	22	0.91
Filariasis	-	-	-	-	-	1	1	0.04
Other helminthiasis	-	-	-	-	1	3	4	0.17
Other infectious and parasitic diseases	18	4	22	0.73	15	3	18	0.75
Malignant neoplasms of:								
lip, oral cavity and pharynx	96	26	122	4.03	86	40	126	5.22
esophagus	16	4	20	0.66	23	3	26	1.08
stomach	56	35	91	3.01	82	40	122	5.06
small intestine including duodenum	6	5	11	0.36	6	15	21	0.87
colon	43	29	72	2.38	76	38	114	4.72
rectum, rectosigmoid junction and anus	30	15	45	1.49	23	11	34	1.41
larynx	19	3	22	0.73	22	7	29	1.20
trachea, bronchus, lung & pleura	312	85	397	13.12	443	104	547	22.67
bone and articular cartilage	54	42	96	3.17	75	44	119	4.93
skin	5	3	8	0.26	10	3	13	0.54
female breast	-	404	404	13.35	-	354	354	14.67
cervix uteri	-	84	84	2.77	-	96	96	3.98
uterus	-	74	74	2.44	-	60	60	2.49
placenta	-	3	3	0.10	-	3	3	0.12
body of uterus	-	54	54	1.78	-	43	43	1.78
other female genital organs	-	92	92	3.04	-	82	82	3.40
prostate	9	-	9	0.30	16	-	16	0.66
other and unspecified sites	546	279	825	27.25	602	306	908	37.63
lymphatic tissue	27	23	50	1.65	47	19	66	2.74
Leukemia	39	53	92	3.04	39	48	87	3.61
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	19	53	72	2.38	40	41	81	3.36
Diabetes mellitus	288	173	461	15.23	389	269	658	27.27
Kwashiorkor	-	-	-	-	-	-	-	-
Nutritional marasmus	1	-	1	0.03	1	-	1	0.04
Other protein calorie malnutrition	8	3	11	0.36	4	5	9	0.37
Other nutritional deficiencies	21	5	26	0.86	9	8	17	0.70
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders	36	43	79	2.61	35	33	68	2.82
Anemias	40	37	77	2.54	52	39	91	3.77
Other diseases of blood-forming organs	7	13	20	0.66	7	10	17	0.70

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	55-59 Years				60-64 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	21	13	34	1.80	14	14	28	1.93
Filariasis	-	-	-	-	-	-	-	-
Other helminthiasis	2	-	2	0.11	1	2	3	0.21
Other infectious and parasitic diseases	13	4	17	0.90	11	2	13	0.90
Malignant neoplasms of:								
lip, oral cavity and pharynx	137	76	213	11.28	137	73	210	14.47
esophagus	38	11	49	2.59	30	16	46	3.17
stomach	87	60	147	7.78	108	72	180	12.40
small intestine including duodenum	19	11	30	1.59	8	6	14	0.96
colon	54	54	108	5.72	98	68	166	11.44
rectum, rectosigmoid junction and anus	35	22	57	3.02	30	28	58	4.00
larynx	26	5	31	1.64	27	17	44	3.03
trachea, bronchus, lung & pleura	581	144	725	38.39	679	191	870	59.94
bone and articular cartilage	86	44	130	6.88	100	72	172	11.85
skin	11	7	18	0.95	12	8	20	1.38
female breast	-	310	310	16.42	-	249	249	17.16
cervix uteri	-	71	71	3.76	-	54	54	3.72
uterus	-	80	80	4.24	-	69	69	4.75
placenta	-	-	-	-	-	3	3	0.21
body of uterus	-	54	54	2.86	-	44	44	3.03
other female genital organs	-	78	78	4.13	-	55	55	3.79
prostate	40	-	40	2.12	63	-	63	4.34
other and unspecified sites	699	343	1,042	55.18	718	469	1,187	81.78
lymphatic tissue	44	21	65	3.44	42	39	81	5.58
Leukemia	51	45	96	5.08	33	55	88	6.06
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	42	36	78	4.13	42	38	80	5.51
Diabetes mellitus	435	355	790	41.83	512	522	1,034	71.24
Kwashiorkor	1	-	1	0.05	1	-	1	0.07
Nutritional marasmus	-	1	1	0.05	2	3	5	0.34
Other protein calorie malnutrition	10	7	17	0.90	5	5	10	0.69
Other nutritional deficiencies	19	12	31	1.64	28	16	44	3.03
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders	39	31	70	3.71	36	49	85	5.86
Anemias	67	50	117	6.20	82	53	135	9.30
Other diseases of blood-forming organs	16	5	21	1.11	13	17	30	2.07

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	65-69 Years				70 Years & Over			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Schistosomiasis	11	5	16	1.47	17	9	26	1.64
Filariasis	1	-	1	0.09	-	-	-	-
Other helminthiasis	3	2	5	0.46	4	2	6	0.38
Other infectious and parasitic diseases	7	6	13	1.19	19	10	29	1.83
Malignant neoplasms of:								
lip, oral cavity and pharynx	126	118	244	22.40	267	260	527	33.30
esophagus	29	14	43	3.95	68	47	115	7.27
stomach	112	77	189	17.35	235	207	442	27.93
small intestine including duodenum	16	9	25	2.29	20	41	61	3.85
colon	78	70	148	13.59	184	191	375	23.69
rectum, rectosigmoid junction and anus	36	29	65	5.97	68	73	141	8.91
larynx	29	11	40	3.67	47	25	72	4.55
trachea, bronchus, lung & pleura	588	171	759	69.67	882	393	1,275	80.56
bone and articular cartilage	93	56	149	13.68	124	110	234	14.78
skin	14	8	22	2.02	36	32	68	4.30
female breast	-	192	192	17.62	-	419	419	26.47
cervix uteri	-	54	54	4.96	-	99	99	6.26
uterus	-	54	54	4.96	-	100	100	6.32
placenta	-	-	-	-	-	-	-	-
body of uterus	-	34	34	3.12	-	85	85	5.37
other female genital organs	-	50	50	4.59	-	100	100	6.32
prostate	112	-	112	10.28	488	-	488	30.83
other and unspecified sites	619	440	1,059	97.21	1,130	1,019	2,149	135.78
lymphatic tissue	39	28	67	6.15	69	80	149	9.41
Leukemia	50	37	87	7.99	82	82	164	10.36
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	36	31	67	6.15	102	75	177	11.18
Diabetes mellitus	562	609	1,171	107.49	1,233	1,855	3,088	195.11
Kwashiorkor	-	-	-	-	5	7	12	0.76
Nutritional marasmus	1	1	2	0.18	26	33	59	3.73
Other protein calorie malnutrition	10	3	13	1.19	48	122	170	10.74
Other nutritional deficiencies	41	28	69	6.33	455	595	1,050	66.34
Goiter, thyrotoxicosis, hypo- thyroidism & other endocrine & metabolic disorders	67	51	118	10.83	320	450	770	48.65
Anemias	86	61	147	13.49	336	396	732	46.25
Other diseases of blood-forming organs	15	20	35	3.21	34	53	87	5.50

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Not Stated			
	Male	Female	Both Sexes	Rate
Schistosomiasis	-	-	-	-
Filariasis	-	-	-	-
Other helminthiasis	-	1	1	0.001
Other infectious and parasitic diseases	1	-	1	0.001
Malignant neoplasms of:				
lip, oral cavity and pharynx	1	-	1	0.001
esophagus	-	-	-	-
stomach	2	2	4	0.006
small intestine including duodenum	-	-	-	-
colon	4	-	4	0.006
rectum, rectosigmoid junction and anus	-	1	1	0.001
larynx	-	-	-	-
trachea, bronchus, lung and pleura	12	2	14	0.020
bone and articular cartilage	-	1	1	0.001
skin	-	-	-	-
female breast	-	1	1	0.001
cervix uteri	-	-	-	-
uterus	-	1	1	0.001
placenta	-	-	-	-
body of uterus	-	3	3	0.004
other female genital organs	-	1	1	0.001
prostate	1	-	1	0.001
other and unspecified sites	7	3	10	0.014
lymphatic tissue	1	-	1	0.001
Leukemia	1	1	2	0.003
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior and of unspecified nature	-	-	-	-
Diabetes mellitus	4	9	13	0.018
Kwashiorkor	-	-	-	-
Nutritional marasmus	-	-	-	-
Other protein calorie malnutrition	-	-	-	-
Other nutritional deficiencies	1	4	5	0.007
Goiter, thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	3	2	5	0.007
Anemias	-	1	1	0.001
Other diseases of blood-forming organs	-	2	2	0.003

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	All Ages			
	Male	Female	Both Sexes	Rate
Psychoses (F00-F39)	270	247	517	0.723
Neurotic disorders, personality disorders & other mental disorders (F10-F19;F40-F48;F50-F59;F60-F69;F80-F99)	-	-	-	-
Mental retardation (F70-F79)	21	8	29	0.041
Meningitis (G00-G03)	807	658	1,465	2.048
Epilepsy (G40-G41)	512	377	889	1.242
Other diseases of nervous system (G04;G06;G08-G12;G20-G21;G23-G26;G30-G32;G35-G37;G43-G47;G50-G53; G80-G83;G90-G99;H00-H06;H10-H13;H16-H22;H25-H27;H30-H31;H33-H35;H43-H44;H46;H48-H51;H53-H55;H60-H62;H65-H75;H80-H83;H90-H94)	1,143	796	1,939	2.710
Acute rheumatic fever (I00-I02)	23	17	40	0.056
Chronic rheumatic heart disease (I05-I09)	995	1,248	2,243	3.135
Hypertension without heart involvement (I10;I12;I15)	10,812	7,722	18,534	25.904
Hypertension with heart involvement (I11;I13)	3,316	2,603	5,919	8.273
Acute myocardial infarction (I21)	12,608	6,815	19,423	27.146
Other forms of ischaemic heart disease (I24)	4,867	4,539	9,406	13.146
Diseases of pulmonary circulation & other forms of heart disease (I26-I28;I30-I52)	9,482	8,274	17,756	24.816
Cerebrovascular disease (I60-I69)	12,100	8,920	21,020	29.378
Atherosclerosis (I70)	1,101	1,387	2,488	3.477
Other diseases of arteries, arterioles, and capillaries (I71-I74;I77-I79)	450	327	777	1.086
Venous thrombosis and embolism (I80-I82)	101	72	173	0.242
Other diseases of circulatory system (I83-I86;I88-I89;I95;I97-I99)	174	98	272	0.380
Acute respiratory infections, except bronchitis and bronchiolitis (J00-J06)	116	81	197	0.275
Acute bronchitis and bronchiolitis (J20;J21)	83	84	167	0.233
Pneumonia (J12-J18)	16,631	15,562	32,193	44.994
Influenza (J11)	127	124	251	0.351
Chronic obstructive pulmonary disease and allied conditions (J40-J47)	8,934	4,392	13,326	18.625
Other diseases of respiratory system (J30-J39;J60-J64;J66;J68-J70;J85;J93-J98)	3,690	3,650	7,340	10.259
Diseases of oral cavity, salivary glands and jaws (K00;K02-K14)	43	20	63	0.088
Gastric, duodenal and peptic ulcer, sites unspecified (K25-K27)	3,745	1,685	5,430	7.589
Appendicitis (K35-K38)	165	98	263	0.368
Hernia of abdominal cavity (K40-K46)	178	34	212	0.296
Chronic liver diseases & cirrhosis (K70;K74-K77)	3,357	741	4,098	5.727

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Under 1 Year				1-4 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	-	-	-	-	-	-	-	-
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	-	-	-	-	2	-	2	0.03
Meningitis	240	177	417	20.86	171	160	331	4.40
Epilepsy	10	13	23	1.15	28	29	57	0.76
Other diseases of nervous system	68	41	109	5.45	133	89	222	2.95
Acute rheumatic fever	1	-	1	0.05	-	-	-	-
Chronic rheumatic heart disease	11	4	15	0.75	25	11	36	0.48
Hypertension without heart involvement	1	-	1	0.05	1	3	4	0.05
Hypertension with heart involvement	3	4	7	0.35	5	1	6	0.08
Acute myocardial infarction	2	3	5	0.25	7	-	7	0.09
Other forms of ischaemic heart disease	4	1	5	0.25	3	1	4	0.05
Diseases of pulmonary circulation & other forms of heart disease	114	98	212	10.60	79	82	161	2.14
Cerebrovascular disease	20	6	26	1.30	11	10	21	0.28
Atherosclerosis	-	-	-	-	-	-	-	-
Other diseases of arteries, arterioles and capillaries	1	1	2	0.10	1	1	2	0.03
Venous thrombosis and embolism	1	-	1	0.05	2	-	2	0.03
Other diseases of circulatory system	5	2	7	0.35	3	2	5	0.07
Acute respiratory infections, except bronchitis and bronchiolitis	7	10	17	0.85	9	5	14	0.19
Acute bronchitis & bronchiolitis	25	25	50	2.50	17	23	40	0.53
Pneumonia	2,648	2,055	4,703	235.24	2,055	1,738	3,793	50.43
Influenza	3	1	4	0.20	2	4	6	0.08
Chronic obstructive pulmonary diseases & allied conditions	87	67	154	7.70	137	139	276	3.67
Other diseases of respiratory system	233	152	385	19.26	101	83	184	2.45
Diseases of oral cavity, salivary glands and jaws	1	1	2	0.10	2	1	3	0.04
Gastric, duodenal and peptic ulcer, sites unspecified	2	1	3	0.15	2	3	5	0.07
Appendicitis	-	-	-	-	6	2	8	0.11
Hernia of abdominal cavity	17	1	18	0.90	6	1	7	0.09
Chronic liver diseases & cirrhosis	6	6	12	0.60	2	4	6	0.08

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	5-9 Years				10-14 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	-	-	-	-	1	-	1	0.01
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	1	-	1	0.01	4	-	4	0.05
Meningitis	101	90	191	2.13	57	42	99	1.20
Epilepsy	29	12	41	0.46	57	42	99	1.20
Other diseases of nervous system	93	68	161	1.80	77	57	134	1.63
Acute rheumatic fever	1	1	2	0.02	7	2	9	0.11
Chronic rheumatic heart disease	55	42	97	1.08	124	138	262	3.18
Hypertension without heart involvement	3	-	3	0.03	3	2	5	0.06
Hypertension with heart involvement	2	1	3	0.03	1	2	3	0.04
Acute myocardial infarction	3	5	8	0.09	7	5	12	0.15
Other forms of ischaemic heart disease	-	-	-	-	2	2	4	0.05
Diseases of pulmonary circulation & other forms of heart disease	52	63	115	1.28	80	72	152	1.84
Cerebrovascular disease	27	15	42	0.47	31	17	48	0.58
Atherosclerosis	-	-	-	-	-	-	-	-
Other diseases of arteries, arterioles and capillaries	1	3	4	0.04	1	2	3	0.04
Venous thrombosis and embolism	-	-	-	-	-	-	-	-
Other diseases of circulatory system	3	2	5	0.06	2	1	3	0.04
Acute respiratory infections, except bronchitis and bronchiolitis	2	2	4	0.04	-	2	2	0.02
Acute bronchitis & bronchiolitis	1	6	7	0.08	1	-	1	0.01
Pneumonia	482	388	870	9.71	235	194	429	5.20
Influenza	3	4	7	0.08	5	2	7	0.08
Chronic obstructive pulmonary diseases & allied conditions	45	30	75	0.84	48	30	78	0.95
Other diseases of respiratory system	37	23	60	0.67	24	16	40	0.49
Diseases of oral cavity, salivary glands and jaws	3	1	4	0.04	2	-	2	0.02
Gastric, duodenal and peptic ulcer, sites unspecified	5	1	6	0.07	11	7	18	0.22
Appendicitis	17	9	26	0.29	19	15	34	0.41
Hernia of abdominal cavity	5	1	6	0.07	2	-	2	0.02
Chronic liver diseases & cirrhosis	4	1	5	0.06	7	1	8	0.10

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	15-19 Years				20-24 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	3	3	6	0.08	15	8	23	0.34
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	4	1	5	0.07	-	1	1	0.01
Meningitis	50	37	87	1.16	38	27	65	0.97
Epilepsy	62	46	108	1.44	67	59	126	1.88
Other diseases of nervous system	79	55	134	1.79	51	28	79	1.18
Acute rheumatic fever	4	1	5	0.07	3	3	6	0.09
Chronic rheumatic heart disease	172	160	332	4.44	127	139	266	3.97
Hypertension without heart involvement	9	5	14	0.19	48	21	69	1.03
Hypertension with heart involvement	3	3	6	0.08	10	7	17	0.25
Acute myocardial infarction	55	32	87	1.16	234	68	302	4.51
Other forms of ischaemic heart disease	10	14	24	0.32	35	19	54	0.81
Diseases of pulmonary circulation & other forms of heart disease	145	108	253	3.38	179	135	314	4.69
Cerebrovascular disease	67	25	92	1.23	121	48	169	2.52
Atherosclerosis	-	-	-	-	-	1	1	0.01
Other diseases of arteries, arterioles and capillaries	8	15	23	0.31	15	12	27	0.40
Venous thrombosis and embolism	-	-	-	-	1	1	2	0.03
Other diseases of circulatory system	5	2	7	0.09	11	4	15	0.22
Acute respiratory infections, except bronchitis and bronchiolitis	3	3	6	0.08	2	2	4	0.06
Acute bronchitis & bronchiolitis	-	-	-	-	-	-	-	-
Pneumonia	238	175	413	5.52	193	164	357	5.33
Influenza	9	2	11	0.15	3	5	8	0.12
Chronic obstructive pulmonary diseases & allied conditions	64	55	119	1.59	79	62	141	2.10
Other diseases of respiratory system	37	36	73	0.98	55	32	87	1.30
Diseases of oral cavity, salivary glands and jaws	1	2	3	0.04	1	1	2	0.03
Gastric, duodenal and peptic ulcer, sites unspecified	26	12	38	0.51	45	22	67	1.00
Appendicitis	4	6	10	0.13	9	10	19	0.28
Hernia of abdominal cavity	1	1	2	0.03	3	1	4	0.06
Chronic liver diseases & cirrhosis	11	8	19	0.25	29	6	35	0.52

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	25-29 Years				30-34 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	21	14	35	0.59	30	17	47	0.91
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	3	1	4	0.07	1	3	4	0.08
Meningitis	26	29	55	0.93	23	13	36	0.70
Epilepsy	46	45	91	1.54	54	35	89	1.73
Other diseases of nervous system	54	32	86	1.45	51	33	84	1.63
Acute rheumatic fever	1	-	1	0.02	-	1	1	0.02
Chronic rheumatic heart disease	123	149	272	4.59	55	120	175	3.39
Hypertension without heart involvement	117	43	160	2.70	195	64	259	5.02
Hypertension with heart involvement	17	6	23	0.39	38	16	54	1.05
Acute myocardial infarction	376	121	497	8.39	534	134	668	12.95
Other forms of ischaemic heart disease	60	22	82	1.38	67	29	96	1.86
Diseases of pulmonary circulation & other forms of heart disease	236	180	416	7.02	257	199	456	8.84
Cerebrovascular disease	163	73	236	3.98	250	94	344	6.67
Atherosclerosis	1	2	3	0.05	1	1	2	0.04
Other diseases of arteries, arterioles and capillaries	15	8	23	0.39	18	9	27	0.52
Venous thrombosis and embolism	3	-	3	0.05	2	3	5	0.10
Other diseases of circulatory system	7	6	13	0.22	14	7	21	0.41
Acute respiratory infections, except bronchitis and bronchiolitis	10	3	13	0.22	5	3	8	0.16
Acute bronchitis & bronchiolitis	1	-	1	0.02	2	3	5	0.10
Pneumonia	189	149	338	5.70	206	150	356	6.90
Influenza	3	1	4	0.07	4	4	8	0.16
Chronic obstructive pulmonary diseases & allied conditions	120	89	209	3.53	134	102	236	4.58
Other diseases of respiratory system	70	34	104	1.76	63	36	99	1.92
Diseases of oral cavity, salivary glands and jaws	3	2	5	0.08	2	1	3	0.06
Gastric, duodenal and peptic ulcer, sites unspecified	82	16	98	1.65	81	45	126	2.44
Appendicitis	12	7	19	0.32	10	4	14	0.27
Hernia of abdominal cavity	4	-	4	0.07	8	1	9	0.17
Chronic liver diseases & cirrhosis	67	15	82	1.38	164	17	181	3.51

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	35-39 Years				40-44 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	21	16	37	0.84	23	21	44	1.19
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	1	1	2	0.05	1	-	1	0.03
Meningitis	20	13	33	0.75	13	15	28	0.76
Epilepsy	46	30	76	1.72	33	21	54	1.46
Other diseases of nervous system	41	28	69	1.56	49	26	75	2.03
Acute rheumatic fever	2	1	3	0.07	-	2	2	0.05
Chronic rheumatic heart disease	62	107	169	3.83	63	89	152	4.12
Hypertension without heart involvement	324	131	455	10.30	515	208	723	19.59
Hypertension with heart involvement	62	30	92	2.08	147	63	210	5.69
Acute myocardial infarction	674	220	894	20.24	895	276	1,171	31.73
Other forms of ischaemic heart disease	95	47	142	3.21	139	53	192	5.20
Diseases of pulmonary circulation & other forms of heart disease	296	233	529	11.97	363	241	604	16.37
Cerebrovascular disease	361	157	518	11.73	542	250	792	21.46
Atherosclerosis	1	1	2	0.05	5	1	6	0.16
Other diseases of arteries, arterioles and capillaries	17	12	29	0.66	23	19	42	1.14
Venous thrombosis and embolism	3	-	3	0.07	4	3	7	0.19
Other diseases of circulatory system	7	5	12	0.27	15	5	20	0.54
Acute respiratory infections, except bronchitis and bronchiolitis	2	1	3	0.07	3	2	5	0.14
Acute bronchitis & bronchiolitis	-	1	1	0.02	1	-	1	0.03
Pneumonia	247	183	430	9.73	290	185	475	12.87
Influenza	6	4	10	0.23	3	3	6	0.16
Chronic obstructive pulmonary diseases & allied conditions	159	125	284	6.43	217	122	339	9.19
Other diseases of respiratory system	70	43	113	2.56	69	71	140	3.79
Diseases of oral cavity, salivary glands and jaws	3	1	4	0.09	4	-	4	0.11
Gastric, duodenal and peptic ulcer, sites unspecified	154	50	204	4.62	201	52	253	6.86
Appendicitis	5	9	14	0.32	12	4	16	0.43
Hernia of abdominal cavity	8	1	9	0.20	6	1	7	0.19
Chronic liver diseases & cirrhosis	265	30	295	6.68	364	44	408	11.06

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	45-49 Years				50-54 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	18	13	31	1.02	21	10	31	1.28
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	1	1	2	0.07	-	-	-	-
Meningitis	18	9	27	0.89	10	9	19	0.79
Epilepsy	20	12	32	1.06	15	7	22	0.91
Other diseases of nervous system	35	34	69	2.28	50	17	67	2.78
Acute rheumatic fever	2	-	2	0.07	1	1	2	0.08
Chronic rheumatic heart disease	44	92	136	4.49	27	38	65	2.69
Hypertension without heart involvement	740	369	1,109	36.64	939	440	1,379	57.15
Hypertension with heart involvement	194	91	285	9.42	273	124	397	16.45
Acute myocardial infarction	1,061	322	1,383	45.69	1,235	373	1,608	66.64
Other forms of ischaemic heart disease	212	86	298	9.84	246	101	347	14.38
Diseases of pulmonary circulation & other forms of heart disease	471	278	749	24.74	518	336	854	35.39
Cerebrovascular disease	747	390	1,137	37.56	955	510	1,465	60.71
Atherosclerosis	12	3	15	0.50	17	6	23	0.95
Other diseases of arteries, arterioles and capillaries	21	19	40	1.32	29	15	44	1.82
Venous thrombosis and embolism	7	3	10	0.33	14	2	16	0.66
Other diseases of circulatory system	14	1	15	0.50	16	5	21	0.87
Acute respiratory infections, except bronchitis and bronchiolitis	4	7	11	0.36	8	3	11	0.46
Acute bronchitis & bronchiolitis	-	2	2	0.07	3	2	5	0.21
Pneumonia	360	210	570	18.83	471	239	710	29.42
Influenza	2	5	7	0.23	7	1	8	0.33
Chronic obstructive pulmonary diseases & allied conditions	337	175	512	16.91	466	180	646	26.77
Other diseases of respiratory system	118	47	165	5.45	135	71	206	8.54
Diseases of oral cavity, salivary glands and jaws	2	1	3	0.10	2	1	3	0.12
Gastric, duodenal and peptic ulcer, sites unspecified	253	71	324	10.70	282	83	365	15.13
Appendicitis	13	4	17	0.56	7	4	11	0.46
Hernia of abdominal cavity	5	-	5	0.17	10	1	11	0.46
Chronic liver diseases & cirrhosis	459	55	514	16.98	430	68	498	20.64

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	55-59 Years				60-64 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	16	3	19	1.01	8	9	17	1.17
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	1	-	1	0.05	-	-	-	-
Meningitis	11	8	19	1.01	7	8	15	1.03
Epilepsy	17	4	21	1.11	10	6	16	1.10
Other diseases of nervous system	45	29	74	3.92	46	28	74	5.10
Acute rheumatic fever	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease	24	39	63	3.34	16	34	50	3.45
Hypertension without heart involvement	1,135	587	1,722	91.19	1,378	751	2,129	146.69
Hypertension with heart involvement	355	187	542	28.70	436	241	677	46.65
Acute myocardial infarction	1,278	505	1,783	94.42	1,385	658	2,043	140.76
Other forms of ischaemic heart disease	329	128	457	24.20	417	231	648	44.65
Diseases of pulmonary circulation & other forms of heart disease	621	349	970	51.37	870	537	1,407	96.94
Cerebrovascular disease	1,234	582	1,816	96.17	1,464	834	2,298	168.33
Atherosclerosis	22	6	28	1.48	35	24	59	4.07
Other diseases of arteries, arterioles and capillaries	39	22	61	3.23	39	18	57	3.93
Venous thrombosis and embolism	5	4	9	0.48	7	4	11	0.76
Other diseases of circulatory system	16	6	22	1.17	10	7	17	1.17
Acute respiratory infections, except bronchitis and bronchiolitis	13	2	15	0.79	8	2	10	0.69
Acute bronchitis & bronchiolitis	4	2	6	0.32	8	3	11	0.76
Pneumonia	604	286	890	47.13	839	543	1,382	95.22
Influenza	5	3	8	0.42	7	6	13	0.90
Chronic obstructive pulmonary diseases & allied conditions	688	270	958	50.73	1,131	388	1,519	104.66
Other diseases of respiratory system	159	80	239	12.66	267	112	379	26.11
Diseases of oral cavity, salivary glands and jaws	1	-	1	0.05	5	1	6	0.41
Gastric, duodenal and peptic ulcer, sites unspecified	384	108	492	26.05	440	145	585	40.31
Appendicitis	10	4	14	0.74	12	3	15	1.03
Hernia of abdominal cavity	11	1	12	0.64	21	2	23	1.58
Chronic liver diseases & cirrhosis	451	75	526	27.85	400	94	494	34.04

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	65-69 Years				70 Years & Over			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Psychoses	12	6	18	1.65	71	111	182	11.50
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-	-	-	-	-
Mental retardation	2	-	2	0.18	-	-	-	-
Meningitis	8	3	11	1.01	14	17	31	1.95
Epilepsy	10	4	14	1.29	8	12	20	1.26
Other diseases of nervous system	53	36	89	8.17	215	195	410	25.90
Acute rheumatic fever	-	-	-	-	1	5	6	0.38
Chronic rheumatic heart disease	19	26	45	4.13	47	60	107	6.76
Hypertension without heart involvement	1,376	981	2,357	216.36	4,011	4,102	8,113	512.60
Hypertension with heart involvement	440	319	759	69.67	1,328	1,504	2,832	178.93
Acute myocardial infarction	1,378	753	2,131	195.61	3,469	3,327	6,796	429.39
Other forms of ischaemic heart disease	455	310	765	70.22	2,781	3,482	6,263	395.71
Diseases of pulmonary circulation & other forms of heart disease	908	653	1,561	143.29	4,279	4,694	8,973	566.94
Cerebrovascular disease	1,494	1,050	2,544	233.52	4,592	4,847	9,439	596.38
Atherosclerosis	52	42	94	8.63	955	1,297	2,252	142.29
Other diseases of arteries, arterioles and capillaries	60	25	85	7.80	162	145	307	19.40
Venous thrombosis and embolism	11	6	17	1.56	41	46	87	5.50
Other diseases of circulatory system	8	4	12	1.10	38	39	77	4.87
Acute respiratory infections, except bronchitis and bronchiolitis	8	7	15	1.38	32	27	59	3.73
Acute bronchitis & bronchiolitis	1	4	5	0.46	19	13	32	2.02
Pneumonia	945	715	1,660	152.38	6,608	8,161	14,769	933.14
Influenza	10	7	17	1.56	55	72	127	8.02
Chronic obstructive pulmonary diseases & allied conditions	1,277	473	1,750	160.64	3,934	2,081	6,015	380.04
Other diseases of respiratory system	255	165	420	38.55	1,989	2,645	4,634	292.79
Diseases of oral cavity, salivary glands and jaws	4	1	5	0.46	7	6	13	0.82
Gastric, duodenal and peptic ulcer, sites unspecified	454	190	644	59.12	1,318	877	2,195	138.69
Appendicitis	8	6	14	1.29	21	11	32	2.02
Hernia of abdominal cavity	17	4	21	1.93	54	18	72	4.55
Chronic liver diseases & cirrhosis	290	116	406	37.27	406	201	607	38.35

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Not Stated			
	Male	Female	Both Sexes	Rate
Psychoses	10	16	26	0.036
Neurotic disorders, personality disorder & other mental disorders	-	-	-	-
Mental retardation	-	-	-	-
Meningitis	-	1	1	0.001
Epilepsy	-	-	-	-
Other diseases of nervous system	3	-	3	0.004
Acute rheumatic fever	-	-	-	-
Chronic rheumatic heart disease	1	-	1	0.001
Hypertension without heart involvement	17	15	32	0.045
Hypertension with heart involvement	2	4	6	0.008
Acute myocardial infarction	15	13	28	0.039
Other forms of ischaemic heart disease	12	13	25	0.035
Diseases of pulmonary circulation & other forms of heart disease	14	16	30	0.042
Cerebrovascular disease	21	12	33	0.046
Atherosclerosis	-	3	3	0.004
Other diseases of arteries, arterioles and capillaries	-	1	1	0.001
Venous thrombosis and embolism	-	-	-	-
Other diseases of circulatory system	-	-	-	-
Acute respiratory infections, except bronchitis and bronchiolitis	-	-	-	-
Acute bronchitis & bronchiolitis	-	-	-	-
Pneumonia	21	27	48	0.067
Influenza	-	-	-	-
Chronic obstructive pulmonary diseases & allied conditions	11	4	15	0.021
Other diseases of respiratory system	8	4	12	0.017
Diseases of oral cavity, salivary glands and jaws	-	-	-	-
Gastric, duodenal and peptic ulcer, sites unspecified	5	2	7	0.010
Appendicitis	-	-	-	-
Hernia of abdominal cavity	-	-	-	-
Chronic liver diseases & cirrhosis	2	-	2	0.003

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	All Ages			
	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract (K80-K83)	224	196	420	0.587
Other diseases of digestive system (K20-K23;K28-K31;K72 K73;K50-K52;K55-K63;K65-K67;K85-K86;K90)	4,153	1,530	5,683	7.943
Nephritis, nephrotic syndrome and nephrosis (N00-N05;N17 N19;N25;N27)	4,341	3,021	7,362	10.289
Infection of kidney (N15.9)	304	241	545	0.762
Calculus of kidney, ureter and lower urinary tract (N20-N22)	155	69	224	0.313
Hyperplasia of prostate (N40)	177	-	177	0.247
Other diseases of genito-urinary system (N28-N30;N32-N36; N41;N43;N45-N48;N50;N60-N64;N70-N71;N73-N77;N80-N83; N85-N95;N97)	636	651	1,287	1.799
Pregnancy with abortive outcome (O00-O08)	-	151	151	0.211
Hemorrhages related to pregnancy (O20;O44-O47)	-	117	117	0.164
Hypertension complicating pregnancy, childbirth and puerperium (O10;O15-O16)	-	347	347	0.485
Postpartum hemorrhage (O72)	-	285	285	0.398
Normal delivery and other complications related to pregnancy occurring in the course of labor and puerperium (O21;O23-O25; O30;O32-O36;O40-O42;O47-O48;O62-O66;O69-O71; O73-O75;O80-O82;O84-O92;O98-O99)	-	613	613	0.857
Diseases of the skin and subcutaneous tissues (L80-L99)	451	560	1,011	1.413
Arthropathies, dorsopathies and rheumatism (M00;M05-M06; M08-M12;M14-M19;M22-M25;M30;M32-M34;M45-M51; M53-M54;M60-M63;M65;M68;M71;M76;M79)	520	395	915	1.279
Osteopathies, chonoropathies and acquired musculoskeletal deformities (M80-M94)	77	64	141	0.197
Congenital Anomalies (Q00-Q99)	3,002	1,968	4,970	6.946
Birth trauma (P10-P15)	48	19	67	0.094
Birth injury and difficult labor (P20-P21;P50-P51)	891	623	1,514	2.116
Respiratory conditions of fetus and newborn (P22-P28;P35-P39)	3,332	2,182	5,514	7.707
Hemolytic diseases of fetus and newborn (P55-P57;P61; P58-P59)	77	55	132	0.184
Hematological disorders of fetus and newborn (P53;P60)	36	24	60	0.084
Other causes of perinatal morbidity and mortality (P80-P83;P90-P96)	4,083	2,809	6,892	9.632

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Under 1 Year				1-4 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	8	10	18	0.90	4	5	9	0.12
Other diseases of digestive system	136	98	234	11.70	115	66	181	2.41
Nephritis, nephrotic syndrome and nephrosis	19	14	33	1.65	86	71	157	2.09
Infection of kidney	-	1	1	0.05	3	1	4	0.05
Calculus of kidney, ureter and lower urinary tract	-	1	1	0.05	2	1	3	0.04
Hyperplasia of prostate	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system	13	2	15	0.75	7	9	16	0.21
Pregnancy with abortive outcome	-	-	-	-	-	-	-	-
Hemorrhages related to pregnancy	-	-	-	-	-	-	-	-
Hypertension complicating pregnancy, childbirth and puerperium	-	-	-	-	-	-	-	-
Postpartum hemorrhage	-	-	-	-	-	-	-	-
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	-	-	-	-	-	-	-
Diseases of the skin and subcutaneous tissues	30	22	52	2.60	11	25	36	0.48
Arthropathies, dorsopathies and rheumatism	4	-	4	0.20	1	-	1	0.01
Osteopathies, chonoropathies and acquired musculoskeletal deformities	1	-	1	0.05	1	-	1	0.01
Congenital Anomalies	1,705	1,299	3,004	150.26	334	236	570	7.58
Birth trauma	48	19	67	3.35	-	-	-	-
Birth injury and difficult labor	891	623	1,514	75.73	-	-	-	-
Respiratory conditions of fetus and newborn	3,332	2,182	5,514	275.81	-	-	-	-
Hemolytic diseases of fetus and newborn	77	55	132	6.60	-	-	-	-
Hematological disorders of fetus and newborn	36	24	60	3.00	-	-	-	-
Other causes of perinatal morbidity and mortality	3,901	2,679	6,580	329.13	28	35	63	0.84

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	5-9 Years				10-14 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	1	-	1	0.01	1	1	2	0.02
Other diseases of digestive system	52	39	91	1.02	51	24	75	0.91
Nephritis, nephrotic syndrome and nephrosis	81	56	137	1.53	53	60	113	1.37
Infection of kidney	4	2	6	0.07	2	4	6	0.07
Calculus of kidney, ureter and lower urinary tract	-	-	-	-	-	-	-	-
Hyperplasia of prostate	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system	9	8	17	0.19	5	3	8	0.10
Pregnancy with abortive outcome	-	-	-	-	-	-	-	-
Hemorrhages related to pregnancy	-	-	-	-	-	-	-	-
Hypertension complicating pregnancy, childbirth and puerperium	-	-	-	-	-	-	-	-
Postpartum hemorrhage	-	-	-	-	-	-	-	-
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	-	-	-	-	-	-	-
Diseases of the skin and subcutaneous tissues	6	1	7	0.08	12	16	28	0.34
Arthropathies, dorsopathies and rheumatism	1	-	1	0.01	5	3	8	0.10
Osteopathies, chondropathies and acquired musculoskeletal deformities	2	-	2	0.02	4	2	6	0.07
Congenital Anomalies	132	122	254	2.83	79	64	143	1.73
Birth trauma	-	-	-	-	-	-	-	-
Birth injury and difficult labor	-	-	-	-	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-	-	-	-	-
Other causes of perinatal morbidity and mortality	13	10	23	0.26	6	8	14	0.17

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	15-19 Years				20-24 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	4	2	6	0.08	5	1	6	0.09
Other diseases of digestive system	101	33	134	1.79	294	32	326	4.87
Nephritis, nephrotic syndrome and nephrosis	110	91	201	2.69	148	98	246	3.67
Infection of kidney	6	5	11	0.15	10	4	14	0.21
Calculus of kidney, ureter and lower urinary tract	1	-	1	0.01	2	-	2	0.03
Hyperplasia of prostate	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system	5	20	25	0.33	10	20	30	0.45
Pregnancy with abortive outcome	-	11	11	0.15	-	33	33	0.49
Hemorrhages related to pregnancy	-	9	9	0.12	-	21	21	0.31
Hypertension complicating pregnancy, childbirth and puerperium	-	22	22	0.29	-	56	56	0.84
Postpartum hemorrhage	-	21	21	0.28	-	51	51	0.76
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	22	22	0.29	-	106	106	1.58
Diseases of the skin and subcutaneous tissues	20	23	43	0.57	11	26	37	0.55
Arthropathies, dorsopathies and rheumatism	1	4	5	0.07	1	10	11	0.16
Osteopathies, chonoropathies and acquired musculoskeletal deformities	3	4	7	0.09	4	3	7	0.10
Congenital Anomalies	77	35	112	1.50	50	24	74	1.10
Birth trauma	-	-	-	-	-	-	-	-
Birth injury and difficult labor	-	-	-	-	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-	-	-	-	-
Other causes of perinatal morbidity and mortality	3	3	6	0.08	13	5	18	0.27

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	25-29 Years				30-34 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	6	10	16	0.27	7	3	10	0.19
Other diseases of digestive system	419	49	468	7.90	380	68	448	8.69
Nephritis, nephrotic syndrome and nephrosis	192	124	316	5.33	175	156	331	6.42
Infection of kidney	14	10	24	0.41	9	7	16	0.31
Calculus of kidney, ureter and lower urinary tract	1	-	1	0.02	1	2	3	0.06
Hyperplasia of prostate	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system	18	25	43	0.73	16	29	45	0.87
Pregnancy with abortive outcome	-	34	34	0.57	-	29	29	0.56
Hemorrhages related to pregnancy	-	19	19	0.32	-	18	18	0.35
Hypertension complicating pregnancy, childbirth and puerperium	-	66	66	1.11	-	90	90	1.75
Postpartum hemorrhage	-	58	58	0.99	-	59	59	1.14
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	141	141	2.38	-	143	143	2.77
Diseases of the skin and subcutaneous tissues	14	24	38	0.64	17	29	46	0.89
Arthropathies, dorsopathies and rheumatism	4	12	16	0.27	2	3	5	0.10
Osteopathies, choropathies and acquired musculoskeletal deformities	2	3	5	0.08	1	-	1	0.02
Congenital Anomalies	69	31	100	1.69	75	25	100	1.94
Birth trauma	-	-	-	-	-	-	-	-
Birth injury and difficult labor	-	-	-	-	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-	-	-	-	-
Other causes of perinatal morbidity and mortality	10	5	15	0.25	11	4	15	0.29

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	35-39 Years				40-44 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	13	6	19	0.43	16	13	29	0.79
Other diseases of digestive system	344	66	410	9.28	313	72	385	10.43
Nephritis, nephrotic syndrome and nephrosis	229	153	382	8.65	236	180	416	11.27
Infection of kidney	10	9	19	0.43	19	12	31	0.84
Calculus of kidney, ureter and lower urinary tract	8	1	9	0.20	14	4	18	0.49
Hyperplasia of prostate	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system	33	28	61	1.38	30	27	57	1.54
Pregnancy with abortive outcome	-	24	24	0.54	-	13	13	0.35
Hemorrhages related to pregnancy	-	26	26	0.59	-	19	19	0.51
Hypertension complicating pregnancy, childbirth and puerperium	-	68	68	1.54	-	43	43	1.17
Postpartum hemorrhage	-	63	63	1.43	-	28	28	0.76
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	134	134	3.03	-	57	57	1.54
Diseases of the skin and subcutaneous tissues	23	19	42	0.95	14	25	39	1.06
Arthropathies, dorsopathies and rheumatism	5	7	12	0.27	10	8	18	0.49
Osteopathies, chondropathies and acquired musculoskeletal deformities	2	5	7	0.16	4	1	5	0.14
Congenital Anomalies	58	8	66	1.49	64	12	76	2.06
Birth trauma	-	-	-	-	-	-	-	-
Birth injury and difficult labor	-	-	-	-	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-	-	-	-	-
Other causes of perinatal morbidity and mortality	5	4	9	0.20	13	4	17	0.46

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	45-49 Years				50-54 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	21	11	32	1.06	17	14	31	1.28
Other diseases of digestive system	326	62	388	12.82	255	100	355	14.71
Nephritis, nephrotic syndrome and nephrosis	287	173	460	15.20	309	194	503	20.85
Infection of kidney	19	11	30	0.99	18	13	31	1.28
Calculus of kidney, ureter and lower urinary tract	9	4	13	0.43	12	4	16	0.66
Hyperplasia of prostate	2	-	2	0.07	3	-	3	0.12
Other diseases of genito-urinary system	34	37	71	2.35	39	33	72	2.98
Pregnancy with abortive outcome	-	7	7	0.23	-	-	-	-
Hemorrhages related to pregnancy	-	5	5	0.17	-	-	-	-
Hypertension complicating pregnancy, childbirth and puerperium	-	2	2	0.07	-	-	-	-
Postpartum hemorrhage	-	5	5	0.17	-	-	-	-
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	9	9	0.30	-	1	1	0.04
Diseases of the skin and subcutaneous tissues	21	21	42	1.39	23	19	42	1.74
Arthropathies, dorsopathies and rheumatism	7	6	13	0.43	8	8	16	0.66
Osteopathies, chonoropathies and acquired musculoskeletal deformities	4	1	5	0.17	10	2	12	0.50
Congenital Anomalies	83	11	94	3.11	62	10	72	2.98
Birth trauma	-	-	-	-	-	-	-	-
Birth injury and difficult labor	-	-	-	-	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-	-	-	-	-
Other causes of perinatal morbidity and mortality	7	1	8	0.26	8	3	11	0.46

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	55-59 Years				60-64 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	15	12	27	1.43	25	15	40	2.76
Other diseases of digestive system	277	88	365	19.33	244	112	356	24.53
Nephritis, nephrotic syndrome and nephrosis	362	204	566	29.97	399	259	658	45.34
Infection of kidney	28	21	49	2.59	30	30	60	4.13
Calculus of kidney, ureter and lower urinary tract	10	1	11	0.58	22	8	30	2.07
Hyperplasia of prostate	3	-	3	0.16	14	-	14	0.96
Other diseases of genito-urinary system	43	46	89	4.71	66	50	116	7.99
Pregnancy with abortive outcome	-	-	-	-	-	-	-	-
Hemorrhages related to pregnancy	-	-	-	-	-	-	-	-
Hypertension complicating pregnancy, childbirth and puerperium	-	-	-	-	-	-	-	-
Postpartum hemorrhage	-	-	-	-	-	-	-	-
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	-	-	-	-	-	-	-
Diseases of the skin and subcutaneous tissues	28	17	45	2.38	26	28	54	3.72
Arthropathies, dorsopathies and rheumatism	30	8	38	2.01	29	18	47	3.24
Osteopathies, chonoropathies and acquired musculoskeletal deformities	4	2	6	0.32	7	2	9	0.62
Congenital Anomalies	47	9	56	2.97	50	8	58	4.00
Birth trauma	-	-	-	-	-	-	-	-
Birth injury and difficult labor	-	-	-	-	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-	-	-	-	-
Other causes of perinatal morbidity and mortality	5	6	11	0.58	6	8	14	0.96

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	65-69 Years				70 Years & Over			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	26	19	45	4.13	55	73	128	8.09
Other diseases of digestive system	229	132	361	33.14	612	488	1,100	69.50
Nephritis, nephrotic syndrome and nephrosis	383	268	651	59.76	1,266	918	2,184	137.99
Infection of kidney	23	22	45	4.13	109	88	197	12.45
Calculus of kidney, ureter and lower urinary tract	21	10	31	2.85	52	33	85	5.37
Hyperplasia of prostate	17	-	17	1.56	137	-	137	8.66
Other diseases of genito-urinary system	61	61	122	11.20	247	251	498	31.46
Pregnancy with abortive outcome	-	-	-	-	-	-	-	-
Hemorrhages related to pregnancy	-	-	-	-	-	-	-	-
Hypertension complicating pregnancy, childbirth and puerperium	-	-	-	-	-	-	-	-
Postpartum hemorrhage	-	-	-	-	-	-	-	-
Normal delivery and other complication related to pregnancy, occurring in the course of labor delivery & puerperium	-	-	-	-	-	-	-	-
Diseases of the skin and subcutaneous tissues	36	27	63	5.78	157	236	393	24.83
Arthropathies, dorsopathies and rheumatism	38	13	51	4.68	373	295	668	42.21
Osteopathies, chonoropathies and acquired musculoskeletal deformities	8	4	12	1.10	20	35	55	3.48
Congenital Anomalies	34	11	45	4.13	73	61	134	8.47
Birth trauma	-	-	-	-	-	-	-	-
Birth injury and difficult labor	-	-	-	-	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-	-	-	-	-
Other causes of perinatal morbidity and mortality	12	4	16	1.47	34	22	56	3.54

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Not Stated			
	Male	Female	Both Sexes	Rate
Cholelithiasis and other disorders of the biliary tract	-	1	1	0.001
Other diseases of digestive system	5	1	6	0.008
Nephritis, nephrotic syndrome and nephrosis	6	2	8	0.011
Infection of kidney	-	1	1	0.001
Calculus of kidney, ureter and lower urinary tract	-	-	-	-
Hyperplasia of prostate	1	-	1	0.001
Other diseases of genito-urinary system	-	2	2	0.003
Pregnancy with abortive outcome	-	-	-	-
Hemorrhages related to pregnancy	-	-	-	-
Hypertension complicating pregnancy, childbirth and puerperium	-	-	-	-
Postpartum hemorrhage	-	-	-	-
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	-	-	-	-
Diseases of the skin and subcutaneous tissues	2	2	4	0.006
Arthropathies, dorsopathies and rheumatism	1	-	1	0.001
Osteopathies, chonoropathies and acquired musculoskeletal deformities	-	-	-	-
Congenital Anomalies	10	2	12	0.017
Birth trauma	-	-	-	-
Birth injury and difficult labor	-	-	-	-
Respiratory conditions of fetus and newborn	-	-	-	-
Hemolytic diseases of fetus and newborn	-	-	-	-
Hematological disorders of fetus and newborn	-	-	-	-
Other causes of perinatal morbidity and mortality	8	8	16	0.022

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	All Ages			
	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality (R99)	8,347	8,126	16,473	23.023
Accidental exposure to unspecified factors (X59)	-	-	-	-
Accidental poisoning, all kinds (X40-X49)	85	44	129	0.180
Railway accidents (V81)	32	6	38	0.053
Motor vehicle traffic accidents (V89)	3,633	1,319	4,952	6.921
Water and transport accidents (V90-V94)	94	35	129	0.180
Air & space transport accidents (V95-V97)	12	-	12	0.017
Other transport accidents (V98-V99)	207	71	278	0.389
Accidental falls (W00-W19)	811	250	1,061	1.483
Accidents caused by fires and flames (X00-X09)	34	32	66	0.092
Accidents due to natural and environmental (X30-X39)	350	107	457	0.639
Accidents caused by submersion, suffocation and foreign bodies (W44; W65-W74; W75-W84)	1,534	644	2,178	3.044
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological effects accidental injury (W20-W49; Y40-Y89)	1,154	225	1,379	1.927
Suicide & self-inflicted injury (X60-X84)	598	219	817	1.142
Legal intervention (Y35)	114	10	124	0.173
Homicide and injury purposely inflicted by other persons (X85-Y09)	10,085	800	10,885	15.213
Injury undetermined whether accidentally or purposely inflicted (Y10-Y34)	5,068	1,802	6,870	9.602
Injury resulting from operations of war (Y36)	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Under 1 Year				1-4 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	409	264	673	33.66	290	257	547	7.27
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	1	1	2	0.10	15	16	31	0.41
Railway accidents	-	-	-	-	1	-	1	0.01
Motor vehicle traffic accidents	12	5	17	0.85	158	83	241	3.20
Water and transport accidents	1	-	1	0.05	2	1	3	0.04
Air & space transport accidents	-	-	-	-	-	-	-	-
Other transport accidents	2	-	2	0.10	6	4	10	0.13
Accidental falls	19	8	27	1.35	33	22	55	0.73
Accidents caused by fires & flames	3	2	5	0.25	7	5	12	0.16
Accidents due to natural and environmental	3	2	5	0.25	12	10	22	0.29
Accidents caused by submersion, suffocation & foreign bodies	29	23	52	2.60	282	181	463	6.16
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	6	3	9	0.45	14	20	34	0.45
Suicide and self-inflicted injury	-	-	-	-	-	-	-	-
Legal intervention	-	-	-	-	-	-	-	-
Homicide and injury purposely inflicted by other persons	5	1	6	0.30	21	9	30	0.40
Injury undetermined whether accidentally or purposely inflicted	70	48	118	5.90	161	111	272	3.62
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	5-9 Years				10-14 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	135	108	243	2.71	96	72	168	2.04
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	5	5	10	0.11	1	2	3	0.04
Railway accidents	2	-	2	0.02	1	-	1	0.01
Motor vehicle traffic accidents	263	173	436	4.87	192	93	285	3.46
Water and transport accidents	2	4	6	0.07	3	2	5	0.06
Air & space transport accidents	-	-	-	-	-	-	-	-
Other transport accidents	16	10	26	0.29	6	4	10	0.12
Accidental falls	37	15	52	0.58	42	15	57	0.69
Accidents caused by fires & flames	4	4	8	0.09	3	2	5	0.06
Accidents due to natural and environmental	34	15	49	0.55	43	12	55	0.67
Accidents caused by submersion, suffocation & foreign bodies	283	143	426	4.75	198	98	296	3.59
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	41	15	56	0.62	66	13	79	0.96
Suicide and self-inflicted injury	-	-	-	-	10	6	16	0.19
Legal intervention	1	-	1	0.01	-	-	-	-
Homicide and injury purposely inflicted by other persons	35	25	60	0.67	82	24	106	1.29
Injury undetermined whether accidentally or purposely inflicted	183	135	318	3.55	164	93	257	3.12
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	15-19 Years				20-24 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	141	101	242	3.23	239	131	370	5.52
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	4	1	5	0.07	10	4	14	0.21
Railway accidents	-	-	-	-	5	-	5	0.07
Motor vehicle traffic accidents	317	79	396	5.29	416	65	481	7.18
Water and transport accidents	9	3	12	0.16	14	1	15	0.22
Air & space transport accidents	-	-	-	-	2	-	2	0.03
Other transport accidents	20	4	24	0.32	25	6	31	0.46
Accidental falls	49	3	52	0.69	48	4	52	0.78
Accidents caused by fires & flames	-	2	2	0.03	-	3	3	0.04
Accidents due to natural and environmental	29	4	33	0.44	27	4	31	0.46
Accidents caused by submersion, suffocation & foreign bodies	137	54	191	2.55	115	21	136	2.03
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	117	13	130	1.74	168	18	186	2.78
Suicide and self-inflicted injury	62	42	104	1.39	105	42	147	2.19
Legal intervention	2	-	2	0.03	14	-	14	0.21
Homicide and injury purposely inflicted by other persons	583	67	650	8.69	1,336	85	1,421	21.21
Injury undetermined whether accidentally or purposely inflicted	360	95	455	6.08	523	102	625	9.33
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	25-29 Years				30-34 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	282	216	498	8.41	235	125	360	6.98
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	6	-	6	0.10	6	2	8	0.16
Railway accidents	4	3	7	0.12	3	1	4	0.08
Motor vehicle traffic accidents	431	69	500	8.44	363	69	432	8.38
Water and transport accidents	18	3	21	0.35	3	2	5	0.10
Air & space transport accidents	4	-	4	0.07	-	-	-	-
Other transport accidents	20	1	21	0.35	19	5	24	0.47
Accidental falls	48	3	51	0.86	53	4	57	1.11
Accidents caused by fires & flames	2	-	2	0.03	-	3	3	0.06
Accidents due to natural and environmental	23	5	28	0.47	37	7	44	0.85
Accidents caused by submersion, suffocation & foreign bodies	106	24	130	2.19	64	15	79	1.53
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	196	16	212	3.58	140	9	149	2.89
Suicide and self-inflicted injury	109	31	140	2.36	84	18	102	1.98
Legal intervention	33	2	35	0.59	25	1	26	0.50
Homicide and injury purposely inflicted by other persons	1,637	93	1,730	29.20	1,625	86	1,711	33.18
Injury undetermined whether accidentally or purposely inflicted	561	99	660	11.14	522	87	609	11.81
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	35-39 Years				40-44 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	261	127	388	8.78	283	119	402	10.89
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	11	3	14	0.32	7	2	9	0.24
Railway accidents	5	-	5	0.11	5	-	5	0.14
Motor vehicle traffic accidents	347	78	425	9.62	264	66	330	8.94
Water and transport accidents	11	2	13	0.29	7	-	7	0.19
Air & space transport accidents	1	-	1	0.02	-	-	-	-
Other transport accidents	19	3	22	0.50	19	5	24	0.65
Accidental falls	41	4	45	1.02	44	9	53	1.44
Accidents caused by fires & flames	-	-	-	-	3	1	4	0.11
Accidents due to natural and environmental	24	7	31	0.70	19	9	28	0.76
Accidents caused by submersion, suffocation & foreign bodies	50	7	57	1.29	49	9	58	1.57
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	99	14	113	2.56	85	18	103	2.79
Suicide and self-inflicted injury	65	24	89	2.01	29	17	46	1.25
Legal intervention	15	2	17	0.38	8	1	9	0.24
Homicide and injury purposely inflicted by other persons	1,528	97	1,625	36.78	1,158	70	1,228	33.27
Injury undetermined whether accidentally or purposely inflicted	488	102	590	13.36	401	91	492	13.33
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	45-49 Years				50-54 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	306	106	412	13.61	286	149	435	18.03
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	5	3	8	0.26	5	1	6	0.25
Railway accidents	2	1	3	0.10	-	-	-	-
Motor vehicle traffic accidents	240	74	314	10.37	159	71	230	9.53
Water and transport accidents	9	2	11	0.36	3	4	7	0.29
Air & space transport accidents	-	-	-	-	2	-	2	0.08
Other transport accidents	14	4	18	0.59	9	5	14	0.58
Accidental falls	55	6	61	2.02	58	3	61	2.53
Accidents caused by fires & flames	4	3	7	0.23	3	3	6	0.25
Accidents due to natural and environmental	15	5	20	0.66	25	2	27	1.12
Accidents caused by submersion, suffocation & foreign bodies	45	7	52	1.72	35	6	41	1.70
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	68	14	82	2.71	41	12	53	2.20
Suicide and self-inflicted injury	31	8	39	1.29	21	7	28	1.16
Legal intervention	7	1	8	0.26	4	-	4	0.17
Homicide and injury purposely inflicted by other persons	821	54	875	28.91	485	45	530	21.96
Injury undetermined whether accidentally or purposely inflicted	345	84	429	14.17	274	88	362	15.00
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	55-59 Years				60-64 Years			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	306	173	479	25.37	352	221	573	39.48
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	1	-	1	0.05	2	-	2	0.14
Railway accidents	1	-	1	0.05	1	-	1	0.07
Motor vehicle traffic accidents	143	56	199	10.54	110	94	204	14.06
Water and transport accidents	3	3	6	0.32	1	1	2	0.14
Air & space transport accidents	-	-	-	-	-	-	-	-
Other transport accidents	9	5	14	0.74	5	4	9	0.62
Accidental falls	65	15	80	4.24	43	15	58	4.00
Accidents caused by fires & flames	2	-	2	0.11	2	-	2	0.14
Accidents due to natural and environmental	21	4	25	1.32	15	7	22	1.52
Accidents caused by submersion, suffocation & foreign bodies	29	5	34	1.80	31	12	43	2.96
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	33	10	43	2.28	27	12	39	2.69
Suicide and self-inflicted injury	32	4	36	1.91	14	6	20	1.38
Legal intervention	2	1	3	0.16	1	-	1	0.07
Homicide and injury purposely inflicted by other persons	336	33	369	19.54	181	36	217	14.95
Injury undetermined whether accidentally or purposely inflicted	225	76	301	15.94	180	72	252	17.36
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	65-69 Years				70 Years & Over			
	Male	Female	Both Sexes	Rate	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	415	255	670	61.50	4,290	5,676	9,966	629.68
Accidental exposure to unspecified factors	-	-	-	-	-	-	-	-
Accidental poisoning, all kinds	3	1	4	0.37	3	3	6	0.38
Railway accidents	-	-	-	-	2	1	3	0.19
Motor vehicle traffic accidents	67	69	136	12.48	141	163	304	19.21
Water and transport accidents	4	2	6	0.55	3	4	7	0.44
Air & space transport accidents	-	-	-	-	1	-	1	0.06
Other transport accidents	6	5	11	1.01	12	6	18	1.14
Accidental falls	52	14	66	6.06	124	109	233	14.72
Accidents caused by fires & flames	-	1	1	0.09	1	3	4	0.25
Accidents due to natural and environmental	13	5	18	1.65	9	9	18	1.14
Accidents caused by submersion, suffocation & foreign bodies	23	8	31	2.86	67	30	87	5.60
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	21	9	30	2.75	31	29	60	3.79
Suicide and self-inflicted injury	12	5	17	1.56	21	9	30	1.90
Legal intervention	1	1	2	0.18	-	1	1	0.06
Homicide and injury purposely inflicted by other persons	109	29	138	12.67	105	45	150	9.48
Injury undetermined whether accidentally or purposely inflicted	154	73	227	20.84	432	441	873	55.16
Injury resulting from operations of war	-	-	-	-	-	-	-	-

TABLE 23

Mortality: 150 Cause-Groups By Age & Sex
No. & Rate/100,000 Population
Philippines
1997

Cause	Not Stated			
	Male	Female	Both Sexes	Rate
Other ill-defined causes of mortality	21	26	47	0.066
Accidental exposure to unspecified factors	-	-	-	-
Accidental poisoning, all kinds	-	-	-	-
Railway accidents				
Motor vehicle traffic accidents	10	12	22	0.031
Water and transport accidents	1	1	2	0.003
Air & space transport accidents	2	-	2	0.003
Other transport accidents	-	-	-	-
Accidental falls	-	1	1	0.001
Accidents caused by fires & flames	-	-	-	-
Accidents due to natural and environmental	1	-	1	0.001
Accidents caused by submersion, suffocation & foreign bodies	1	1	2	0.003
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	1	-	1	0.001
Suicide and self-inflicted injury	3	-	3	0.004
Legal intervention	1	-	1	0.001
Homicide and injury purposely inflicted by other persons	38	1	39	0.055
Injury undetermined whether accidentally or purposely injury	25	5	30	0.042
Injury resulting from operations of war	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	CHOLERA		TYPHOID & PARATYPHOID FEVER		OTHER SALMONELLA INFECTIONS		AMOEBIASIS & OTHER DYSENTERY ALL FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	64	0.089	887	1.240	14	0.020	275	0.384
NCR	5	0.051	108	1.101	3	0.031	18	0.184
City of Manila	-	-	33	2.043	1	0.062	3	0.186
Manila, 2nd District	-	-	1	0.166	-	-	1	0.166
Mandaluyong City	-	-	4	1.381	1	0.345	1	0.345
Pasig City	-	-	5	1.011	-	-	2	0.404
Quezon City	1	0.049	19	0.928	1	0.049	1	0.049
Marikina	1	0.265	2	0.530	-	-	1	0.265
Manila, 3rd District	-	-	7	0.656	-	-	2	0.187
Kalookan City	2	0.184	15	1.378	-	-	2	0.184
Manila, 4th District	1	0.075	14	1.056	-	-	3	0.226
Makati City	-	-	3	6.172	-	-	1	2.057
Pasay City	-	-	5	1.211	-	-	1	0.242
C.A.R.	1	0.076	12	0.915	-	-	10	0.763
Abra	-	-	2	0.995	-	-	-	-
Apayao	-	-	1	1.146	-	-	1	1.146
Benguet	-	-	7	2.163	-	-	8	2.471
Ifugao	1	0.640	1	0.640	-	-	-	-
Kalinga	-	-	-	-	-	-	-	-
Mt. Province	-	-	-	-	-	-	1	0.740
Baguio City	-	-	1	0.404	-	-	-	-
Region 1	6	0.153	93	2.364	2	0.051	14	0.356
Ilocos Norte	2	0.495	14	3.464	1	0.247	5	1.237
Ilocos Sur	3	0.537	9	1.611	-	-	-	-
La Union	-	-	15	2.415	1	0.161	3	0.483
Pangasinan	1	0.050	44	2.209	-	-	4	0.201
Dagupan City	-	-	1	0.770	-	-	1	0.770
Laoag City	-	-	4	4.400	-	-	1	1.100
San Carlos City	-	-	6	4.317	-	-	-	-
Region 2	1	0.038	13	0.492	-	-	5	0.189
Batanes	-	-	-	-	-	-	-	-
Cagayan	1	0.108	4	0.432	-	-	3	0.324
Isabela	-	-	2	0.180	-	-	1	0.090
Nueva Vizcaya	-	-	4	1.144	-	-	1	0.286
Quirino	-	-	2	1.444	-	-	-	-
Santiago City	-	-	1	0.965	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	CHOLERA		TYPHOID & PARATYPHOID FEVER		OTHER SALMONELLA INFECTIONS		AMOEBIASIS & OTHER DYSENTERY ALL FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	4	0.055	47	0.651	1	0.014	26	0.360
Bataan	-	-	-	-	1	0.195	4	0.779
Bulacan	3	0.160	22	1.175	-	-	4	0.214
Nueva Ecija	-	-	6	0.492	-	-	2	0.164
Pampanga	-	-	2	0.136	-	-	5	0.341
Tarlac	1	0.102	3	0.306	-	-	6	0.612
Zambales	-	-	6	1.477	-	-	1	0.246
Angeles City	-	-	3	1.242	-	-	2	0.828
Cabanatuan City	-	-	2	0.954	-	-	1	0.477
Olangapo City	-	-	1	0.551	-	-	1	0.551
Palayan City	-	-	-	-	-	-	-	-
San Jose City	-	-	2	1.977	-	-	-	-
Region 4	8	0.076	124	1.184	-	-	29	0.277
Aurora	-	-	2	1.189	-	-	-	-
Batangas	-	-	11	0.845	-	-	3	0.230
Cavite	1	0.064	16	1.026	-	-	2	0.128
Laguna	3	0.195	14	0.912	-	-	4	0.261
Marinduque	1	0.491	4	1.965	-	-	-	-
Mindoro Occidental	-	-	3	0.849	-	-	1	0.283
Mindoro Oriental	-	-	4	0.631	-	-	1	0.158
Palawan	1	0.186	3	0.559	-	-	1	0.186
Quezon	1	0.071	17	1.205	-	-	6	0.425
Rizal	1	0.069	30	2.063	-	-	5	0.344
Romblon	-	-	15	5.980	-	-	3	1.196
Batangas City	-	-	1	0.457	-	-	-	-
Cavite City	-	-	-	-	-	-	-	-
Lipa City	-	-	1	0.544	-	-	1	0.544
Lucena City	-	-	1	0.533	-	-	1	0.533
Puerto Princessa City	-	-	1	0.716	-	-	1	0.716
San Pablo City	-	-	-	-	-	-	-	-
Tagaytay City	-	-	-	-	-	-	-	-
Trece Martires City	-	-	1	4.709	-	-	-	-
Region 5	3	0.067	67	1.493	4	0.089	18	0.401
Albay	-	-	8	0.894	-	-	1	0.112
Camarines Norte	-	-	4	0.865	1	0.216	4	0.865
Camarines Sur	1	0.078	17	1.329	1	0.078	2	0.156
Catanduanes	-	-	3	1.427	-	-	3	1.427
Masbate	2	0.299	22	3.293	-	-	5	0.748
Sorsogon	-	-	6	0.989	2	0.330	-	-
Iriga City	-	-	-	-	-	-	-	-
Legaspi City	-	-	6	4.012	-	-	2	1.337
Naga City	-	-	1	0.750	-	-	1	0.750

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	CHOLERA		TYPHOID & PARATYPHOID FEVER		OTHER SALMONELLA INFECTIONS		AMOEBIASIS & OTHER DYSENTERY ALL FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	5	0.084	98	1.637	2	0.033	38	0.635
Aklan	-	-	4	0.942	-	-	2	0.471
Antique	-	-	7	1.567	-	-	1	0.224
Capiz	-	-	3	0.577	1	0.192	1	0.192
Guimaras	-	-	1	0.764	-	-	-	-
Iloilo	1	0.068	20	1.366	1	0.068	17	1.161
Negros Occidental	-	-	29	2.055	-	-	9	0.638
Bacolod City	-	-	7	1.650	-	-	-	-
Bago City	-	-	4	2.880	-	-	1	0.720
Cadiz City	-	-	2	1.575	-	-	1	0.787
Iloilo City	1	0.287	6	1.721	-	-	-	-
La Carlota City	-	-	3	5.210	-	-	2	3.473
Roxas City	2	1.592	-	-	-	-	2	1.592
Sagay City	-	-	1	0.757	-	-	1	0.757
San Carlos City	-	-	10	9.692	-	-	-	-
Silay City	1	0.769	1	0.769	-	-	1	0.769
Region 7	5	0.096	78	1.495	-	-	24	0.460
Bohol	-	-	22	2.296	-	-	6	0.626
Cebu	1	0.057	23	1.309	-	-	6	0.342
Negros Oriental	1	0.117	15	1.751	-	-	6	0.700
Siquijor	-	-	3	3.922	-	-	1	1.307
Bais City	1	1.540	3	4.619	-	-	-	-
Canlaon City	-	-	1	2.327	-	-	-	-
Cebu City	1	0.145	3	0.435	-	-	2	0.290
Danao City	-	-	4	4.794	-	-	-	-
Dumaguete City	1	1.025	1	1.025	-	-	-	-
Lapu-Lapu City	-	-	3	1.604	-	-	-	-
Mandawe City	-	-	-	-	-	-	3	1.484
Tagbilaran City	-	-	-	-	-	-	-	-
Toledo City	-	-	-	-	-	-	-	-
Region 8	5	0.142	56	1.594	1	0.028	18	0.512
Biliran	1	0.724	-	-	-	-	2	1.448
Leyte Del Norte	3	0.240	15	1.201	1	0.080	5	0.400
Leyte Del Sur	-	-	-	-	-	-	1	0.302
Eastern Samar	-	-	7	1.864	-	-	5	1.332
Northern Samar	1	0.212	16	3.387	-	-	1	0.212
Western Samar	-	-	3	0.627	-	-	-	-
Calbayog City	-	-	5	3.703	-	-	1	0.741
Ormoc City	-	-	3	1.973	-	-	-	-
Tacloban City	-	-	7	3.863	-	-	3	1.656

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	CHOLERA		TYPHOID & PARATYPHOID FEVER		OTHER SALMONELLA INFECTIONS		AMOEBIASIS & OTHER DYSENTERY ALL FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	4	0.136	38	1.296	-	-	13	0.444
Basilan	1	0.327	2	0.653	-	-	1	0.327
Zamboanga Del Norte	1	0.155	7	1.084	-	-	5	0.774
Zamboanga Del Sur	2	0.176	17	1.494	-	-	5	0.440
Dapitan City	-	-	3	4.589	-	-	-	-
Dipolog City	-	-	-	-	-	-	-	-
Pagadian City	-	-	6	4.481	-	-	-	-
Zamboanga City	-	-	3	0.549	-	-	2	0.366
Region 10	-	-	17	0.655	-	-	13	0.501
Bukidnon	-	-	5	0.503	-	-	3	0.302
Camiguin	-	-	2	2.864	-	-	-	-
Misamis Occidental	-	-	1	0.384	-	-	-	-
Misamis Oriental	-	-	3	0.584	-	-	5	0.974
Cagayan de Oro	-	-	-	-	-	-	1	0.219
Gingoog City	-	-	-	-	-	-	1	1.131
Oroquieta City	-	-	1	1.737	-	-	2	3.474
Ozamis City	-	-	4	3.779	-	-	-	-
Tangub City	-	-	1	2.130	-	-	1	2.130
Region 11	4	0.083	55	1.135	-	-	20	0.413
Cotabato South	-	-	8	1.225	-	-	2	0.306
Davao Oriental	-	-	8	1.871	-	-	4	0.935
Davao Del Norte	2	0.159	17	1.352	-	-	3	0.239
Davao Del Sur	1	1.439	4	5.758	-	-	1	1.439
Sarangani	1	0.256	4	1.024	-	-	-	-
Davao City	-	-	6	0.565	-	-	10	0.942
Gen. Santos City	-	-	8	2.222	-	-	-	-
Region 12	5	0.202	35	1.415	-	-	13	0.526
Lanao Del Norte	-	-	14	3.051	-	-	3	0.654
North Cotabato	1	0.111	9	0.995	-	-	3	0.332
Sultan Kudarat	1	0.182	3	0.547	-	-	3	0.547
Cotabato City	2	1.305	5	3.262	-	-	3	1.957
Iligan City	-	-	2	0.690	-	-	1	0.345
Marawi City	1	0.844	2	1.687	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	CHOLERA		TYPHOID & PARATYPHOID FEVER		OTHER SALMONELLA INFECTIONS		AMOEBIASIS & OTHER DYSENTERY ALL FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	5	0.240	8	0.385	1	0.048	-	-
Lanao Del Sur	2	0.337	6	1.010	1	0.168	-	-
Maguindanao	3	0.434	2	0.290	-	-	-	-
Sulu	-	-	-	-	-	-	-	-
Tawi-Tawi	-	-	-	-	-	-	-	-
Caraga	2	0.098	38	1.867	-	-	16	0.786
Agusan Del Norte	-	-	3	1.084	-	-	2	0.723
Agusan Del Sur	-	-	8	1.442	-	-	1	0.180
Surigao Del Norte	-	-	9	2.591	-	-	4	1.152
Surigao Del Sur	1	0.205	8	1.637	-	-	4	0.819
Butuan City	1	0.388	8	3.107	-	-	5	1.942
Surigao City	-	-	2	1.816	-	-	-	-
NOT STATED	1	*	-	*	-	*	-	*

* population unknown

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	NUTRITIONAL DEFICIENCIES		BRONCHITIS		GONOCOCCAL PNEUMONIA		INFLUENZA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	2,755	3.850	733	1.024	32,193	44.994	251	0.351
NCR	245	2.498	100	1.020	4,697	47.890	21	0.214
City of Manila	29	1.796	11	0.681	1,400	86.687	1	0.062
Manila, 2nd District	1	0.166	2	0.332	56	9.294	-	-
Mandaluyong City	8	2.762	4	1.381	128	44.196	-	-
Pasig City	23	4.649	1	0.202	175	35.372	-	-
Quezon City	53	2.588	33	1.612	847	41.364	13	0.635
Marikina City	8	2.122	2	0.530	129	34.214	-	-
Manila, 3rd District	25	2.342	12	1.124	447	41.867	2	0.187
Kalookan City	22	2.021	8	0.735	608	55.843	2	0.184
Manila, 4th District	41	3.092	15	1.131	634	47.809	3	0.226
Makati City	25	51.431	2	4.114	133	273.612	-	-
Pasay City	10	2.423	10	2.423	140	33.920	-	-
C.A.R.	13	0.992	17	1.297	376	28.679	4	0.305
Abra	1	0.497	6	2.984	151	75.105	2	0.995
Apayao	-	-	-	-	21	24.068	-	-
Benguet	6	1.854	2	0.618	73	22.552	1	0.309
Ifugao	3	1.920	-	-	35	22.405	1	0.640
Kalinga	-	-	-	-	27	16.826	-	-
Mt. Province	3	2.221	3	2.221	41	30.349	-	-
Baguio City	-	-	5	2.022	28	11.324	-	-
Region 1	194	4.932	30	0.763	3,057	77.713	49	1.246
Ilocos Norte	63	15.587	1	0.247	253	62.595	3	0.742
Ilocos Sur	39	6.982	8	1.432	495	88.615	2	0.358
La Union	18	2.898	4	0.644	411	66.173	5	0.805
Pangasinan	31	1.556	15	0.753	1,593	79.969	37	1.857
Dagupan City	3	2.309	-	-	89	68.511	-	-
Laoag City	11	12.099	1	1.100	153	168.291	-	-
San Carlos City	29	20.863	1	0.719	63	45.323	2	1.439
Region 2	52	1.969	53	2.007	1,321	50.014	14	0.530
Batanes	2	13.803	-	-	7	48.309	-	-
Cagayan	23	2.483	14	1.512	658	71.043	12	1.296
Isabela	18	1.623	30	2.705	410	36.975	-	-
Nueva Vizcaya	4	1.144	1	0.286	170	48.634	-	-
Quirino	3	2.166	7	5.055	39	28.162	-	-
Santiago City	2	1.929	1	0.965	37	35.692	2	1.929

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	NUTRITIONAL DEFICIENCIES		BRONCHITIS		GONOCOCCAL PNEUMONIA		INFLUENZA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	246	3.406	68	0.941	2,733	37.837	16	0.222
Bataan	19	3.702	15	2.922	109	21.235	6	1.169
Bulacan	46	2.456	14	0.747	661	35.290	9	0.481
Nueva Ecija	53	4.343	8	0.656	594	48.677	-	-
Pampanga	29	1.977	13	0.886	230	15.679	-	-
Tarlac	28	2.856	6	0.612	423	43.145	-	-
Zambales	34	8.368	5	1.231	264	64.973	1	0.246
Angeles City	9	3.726	1	0.414	80	33.122	-	-
Cabanatuan City	2	0.954	-	-	207	98.728	-	-
Olangapo City	8	4.411	5	2.757	66	36.392	-	-
Palayan City	-	-	-	-	13	44.715	-	-
San Jose City	18	17.794	1	0.989	86	85.016	-	-
Region 4	405	3.867	121	1.155	3,784	36.133	24	0.229
Aurora	3	1.783	-	-	58	34.473	1	0.594
Batangas	47	3.609	10	0.768	500	38.391	1	0.077
Cavite	21	1.346	13	0.833	774	49.622	1	0.064
Laguna	56	3.647	17	1.107	435	28.333	7	0.456
Marinduque	9	4.422	1	0.491	91	44.710	2	0.983
Mindoro Occidental	5	1.416	3	0.849	134	37.940	1	0.283
Mindoro Oriental	18	2.841	10	1.578	150	23.672	1	0.158
Palawan	9	1.676	13	2.420	83	15.452	-	-
Quezon	49	3.472	31	2.197	530	37.558	4	0.283
Rizal	115	7.909	4	0.275	571	39.271	1	0.069
Romblon	24	9.569	9	3.588	105	41.863	4	1.595
Batangas City	6	2.739	-	-	33	15.067	1	0.457
Cavite City	6	6.555	2	2.185	66	72.104	-	-
Lipa City	12	6.531	2	1.088	105	57.143	-	-
Lucena City	7	3.733	-	-	40	21.329	-	-
Puerto Princessa City	6	4.299	3	2.149	20	14.329	-	-
San Pablo City	10	5.260	3	1.578	69	36.291	-	-
Tagaytay City	-	-	-	-	12	39.467	-	-
Trece Martires City	2	9.419	-	-	8	37.675	-	-
Region 5	225	5.014	37	0.824	2,148	47.863	31	0.691
Albay	38	4.248	16	1.789	440	49.190	7	0.783
Camarines Norte	17	3.678	1	0.216	270	58.413	1	0.216
Camarines Sur	61	4.769	6	0.469	546	42.686	7	0.547
Catanduanes	11	5.232	4	1.903	143	68.020	-	-
Masbate	17	2.545	2	0.299	260	38.921	-	-
Sorsogon	41	6.757	6	0.989	366	60.323	12	1.978
Iriga City	1	1.190	2	2.381	28	33.328	3	3.571
Legaspi City	4	2.674	-	-	55	36.774	-	-
Naga City	35	26.237	-	-	40	29.986	1	0.750

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	NUTRITIONAL DEFICIENCIES		BRONCHITIS		GONOCOCCAL PNEUMONIA		INFLUENZA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	444	7.418	37	0.618	4,857	81.146	59	0.986
Aklan	30	7.066	9	2.120	307	72.309	4	0.942
Antique	19	4.252	4	0.895	694	155.318	5	1.119
Capiz	62	11.915	1	0.192	448	86.095	8	1.537
Guimaras	5	3.818	-	-	59	45.052	-	-
Iloilo	59	4.030	9	0.615	1,376	93.982	5	0.342
Negros Occidental	105	7.440	4	0.283	761	53.920	17	1.205
Bacolod City	24	5.657	2	0.471	438	103.242	4	0.943
Bago City	15	10.800	-	-	58	41.761	6	4.320
Cadiz City	5	3.937	1	0.787	74	58.269	-	-
Iloilo City	12	3.443	3	0.861	355	101.845	4	1.148
La Carlota City	10	17.367	2	3.473	38	65.996	1	1.737
Roxas City	5	3.979	-	-	46	36.609	-	-
Sagay City	29	21.950	1	0.757	85	64.335	4	3.028
San Carlos City	17	16.476	1	0.969	60	58.150	1	0.969
Silay City	47	36.128	-	-	58	44.583	-	-
Region 7	335	6.422	97	1.859	3,158	60.538	3	0.058
Bohol	45	4.696	24	2.505	502	52.391	1	0.104
Cebu	97	5.522	14	0.797	1,027	58.466	2	0.114
Negros Oriental	90	10.504	2	0.233	495	57.771	-	-
Siquijor	14	18.304	-	-	54	70.600	-	-
Bais City	1	1.540	1	1.540	39	60.051	-	-
Canlaon City	17	39.560	-	-	40	93.082	-	-
Cebu City	33	4.783	26	3.769	565	81.898	-	-
Danao City	2	2.397	1	1.198	45	53.928	-	-
Dumaguete City	8	8.199	10	10.249	47	48.169	-	-
Lapu-Lapu City	3	1.604	16	8.556	110	58.819	-	-
Mandawe City	13	6.432	3	1.484	90	44.528	-	-
Tagbilaran City	2	2.769	-	-	26	35.998	-	-
Toledo City	10	7.795	-	-	118	91.983	-	-
Region 8	179	5.096	39	1.110	2,111	60.097	22	0.626
Biliran	6	4.344	1	0.724	68	49.232	-	-
Leyte Del Norte	73	5.847	13	1.041	821	65.758	16	1.282
Leyte Del Sur	33	9.957	6	1.810	182	54.913	-	-
Eastern Samar	4	1.065	3	0.799	117	31.158	-	-
Northern Samar	49	10.373	6	1.270	487	103.099	4	0.847
Western Samar	6	1.254	7	1.463	110	22.991	2	0.418
Calbayog City	3	2.222	1	0.741	64	47.399	-	-
Ormoc City	3	1.973	1	0.658	127	83.533	-	-
Tacloban City	2	1.104	1	0.552	135	74.502	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	NUTRITIONAL DEFICIENCIES		BRONCHITIS		GONOCOCCAL PNEUMONIA		INFLUENZA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	66	2.252	31	1.058	651	22.211	1	0.034
Basilan	4	1.307	1	0.327	19	6.207	-	-
Zamboanga Del Norte	17	2.632	7	1.084	134	20.745	1	0.155
Zamboanga Del Sur	22	1.934	10	0.879	261	22.945	-	-
Dapitan City	4	6.119	6	9.179	23	35.185	-	-
Dipolog City	13	13.561	2	2.086	41	42.768	-	-
Pagadian City	-	-	3	2.241	40	29.874	-	-
Zamboanga City	6	1.098	2	0.366	133	24.343	-	-
Region 10	76	2.930	27	1.041	943	36.359	3	0.116
Bukidnon	23	2.313	13	1.307	161	16.190	-	-
Camiguin	2	2.864	1	1.432	57	81.636	1	1.432
Misamis Occidental	5	1.918	5	1.918	168	64.455	1	0.384
Misamis Oriental	18	3.507	2	0.390	230	44.810	-	-
Cagayan de Oro	11	2.409	6	1.314	208	45.556	-	-
Gingoog City	2	2.262	-	-	34	38.446	-	-
Oroquieta City	5	8.684	-	-	21	36.473	-	-
Ozamis City	4	3.779	-	-	43	40.625	-	-
Tangub City	6	12.781	-	-	21	44.733	1	2.130
Region 11	149	3.075	33	0.681	1,329	27.429	3	0.062
Cotabato South	24	3.674	2	0.306	217	33.223	3	0.459
Davao Oriental	7	1.637	3	0.702	155	36.249	-	-
Davao Del Norte	56	4.453	12	0.954	354	28.149	-	-
Davao Del Sur	37	53.257	4	5.758	144	207.272	-	-
Saranggani	11	2.817	1	0.256	103	26.379	-	-
Davao City	10	0.942	6	0.565	305	28.716	-	-
Gen. Santos City	3	0.833	5	1.389	51	14.168	-	-
Region 12	44	1.779	19	0.768	452	18.274	1	0.040
Lanao Del Norte	9	1.961	9	1.961	78	16.997	-	-
North Cotabato	7	0.774	6	0.664	112	12.386	-	-
Sultan Kudarat	12	2.188	2	0.365	84	15.314	1	0.182
Cotabato City	4	2.610	-	-	34	22.182	-	-
Iligan City	12	4.138	2	0.690	142	48.972	-	-
Marawi City	-	-	-	-	2	1.687	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	NUTRITIONAL DEFICIENCIES		BRONCHITIS		GONOCOCCAL PNEUMONIA		INFLUENZA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	3	0.144	5	0.240	49	2.356	-	-
Lanao Del Sur	-	-	3	0.505	11	1.852	-	-
Maguindanao	2	0.290	1	0.145	20	2.895	-	-
Sulu	1	0.186	1	0.186	17	3.158	-	-
Tawi-Tawi	-	-	-	-	1	0.390	-	-
Caraga	74	3.637	18	0.885	524	25.751	-	-
Agusan Del Norte	2	0.723	-	-	88	31.797	-	-
Agusan Del Sur	33	5.950	3	0.541	62	11.178	-	-
Surigao Del Norte	15	4.319	-	-	121	34.841	-	-
Surigao Del Sur	18	3.684	10	2.047	126	25.788	-	-
Butuan City	5	1.942	3	1.165	116	45.057	-	-
Surigao City	1	0.908	2	1.816	11	9.988	-	-
NOT STATED	5	*	1	*	3	*	-	*

* population unknown

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS		FILARIASIS		MALIGNANT NEOPLASM		FOOD POISONING BACTERIAL	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	239	0.334	3	0.004	29,677	41.477	101	0.141
NCR	20	0.204	-	-	5,339	54.435	5	0.051
City of Manila	-	-	-	-	1,197	74.117	1	0.062
Manila, 2nd District	-	-	-	-	95	15.767	-	-
Mandaluyong City	2	0.691	-	-	183	63.186	-	-
Pasig City	-	-	-	-	241	48.712	1	0.202
Quezon City	8	0.391	-	-	1,117	54.550	-	-
Marikina City	3	0.796	-	-	249	66.041	-	-
Manila, 3rd District	3	0.281	-	-	550	51.514	-	-
Kalookan City	3	0.276	-	-	418	38.392	-	-
Manila, 4th District	-	-	-	-	796	60.025	2	0.151
Makati City	1	2.057	-	-	292	600.712	-	-
Pasay City	-	-	-	-	201	48.699	1	0.242
C.A.R.	-	-	-	-	391	29.824	1	0.076
Abra	-	-	-	-	65	32.330	1	0.497
Apayao	-	-	-	-	15	17.191	-	-
Benguet	-	-	-	-	109	33.673	-	-
Ifugao	-	-	-	-	34	21.764	-	-
Kalinga	-	-	-	-	25	15.580	-	-
Mt. Province	-	-	-	-	40	29.609	-	-
Baguio City	-	-	-	-	103	41.657	-	-
Region 1	-	-	-	-	2,046	52.012	5	0.127
Ilocos Norte	-	-	-	-	249	61.605	-	-
Ilocos Sur	-	-	-	-	309	55.317	-	-
La Union	-	-	-	-	309	49.751	-	-
Pangasinan	-	-	-	-	1,017	51.054	5	0.251
Dagupan City	-	-	-	-	68	52.346	-	-
Laoag City	-	-	-	-	53	58.297	-	-
San Carlos City	-	-	-	-	41	29.496	-	-
Region 2	-	-	-	-	791	29.948	6	0.227
Batanes	-	-	-	-	7	48.309	-	-
Cagayan	-	-	-	-	305	32.930	1	0.108
Isabela	-	-	-	-	250	22.546	4	0.361
Nueva Vizcaya	-	-	-	-	141	40.338	-	-
Quirino	-	-	-	-	47	33.939	1	0.722
Santiago City	-	-	-	-	41	39.551	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS		FILARIASIS		MALIGNANT NEOPLASM		FOOD POISONING BACTERIAL	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	6	0.083	-	-	4,049	56.056	4	0.055
Bataan	-	-	-	-	303	59.030	-	-
Bulacan	4	0.214	-	-	1,135	60.597	3	0.160
Nueva Ecija	-	-	-	-	618	50.643	-	-
Pampanga	1	0.068	-	-	819	55.829	1	0.068
Tarlac	-	-	-	-	580	59.159	-	-
Zambales	-	-	-	-	169	41.593	-	-
Angeles City	-	-	-	-	179	74.111	-	-
Cabanatuan City	-	-	-	-	107	51.033	-	-
Olangapo City	1	0.551	-	-	89	49.074	-	-
Palayan City	-	-	-	-	12	41.275	-	-
San Jose City	-	-	-	-	38	37.565	-	-
Region 4	4	0.038	-	-	4,747	45.329	10	0.095
Aurora	-	-	-	-	54	32.095	-	-
Batangas	-	-	-	-	776	59.583	1	0.077
Cavite	2	0.128	-	-	826	52.956	-	-
Laguna	-	-	-	-	652	42.467	1	0.065
Marinduque	-	-	-	-	116	56.993	-	-
Mindoro Occidental	-	-	-	-	79	22.368	1	0.283
Mindoro Oriental	1	0.158	-	-	268	42.293	-	-
Palawan	-	-	-	-	78	14.521	-	-
Quezon	-	-	-	-	580	41.102	2	0.142
Rizal	1	0.069	-	-	627	43.123	2	0.138
Romblon	-	-	-	-	123	49.040	3	1.196
Batangas City	-	-	-	-	117	53.420	-	-
Cavite City	-	-	-	-	82	89.583	-	-
Lipa City	-	-	-	-	124	67.483	-	-
Lucena City	-	-	-	-	93	49.591	-	-
Puerto Princessa City	-	-	-	-	41	29.374	-	-
San Pablo City	-	-	-	-	87	45.759	-	-
Tagaytay City	-	-	-	-	14	46.045	-	-
Trece Martires City	-	-	-	-	10	47.094	-	-
Region 5	4	0.089	2	0.045	1,254	27.943	13	0.290
Albay	-	-	-	-	244	27.278	1	0.112
Camarines Norte	-	-	-	-	127	27.476	3	0.649
Camarines Sur	-	-	1	0.078	278	21.734	3	0.235
Catanduanes	-	-	-	-	74	35.199	2	0.951
Masbate	-	-	-	-	153	22.903	2	0.299
Sorsogon	4	0.659	1	0.165	223	36.754	2	0.330
Iriga City	-	-	-	-	39	46.421	-	-
Legaspi City	-	-	-	-	64	42.791	-	-
Naga City	-	-	-	-	53	39.731	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS		FILARIASIS		MALIGNANT NEOPLASM		FOOD POISONING BACTERIAL	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	1	0.017	1	0.017	2,906	48.551	18	0.301
Aklan	-	-	-	-	222	52.289	2	0.471
Antique	-	-	-	-	168	37.599	-	-
Capiz	-	-	-	-	247	47.467	-	-
Guimaras	-	-	-	-	58	44.288	2	1.527
Iloilo	-	-	1	0.068	742	50.679	4	0.273
Negros Occidental	-	-	-	-	556	39.395	2	0.142
Bacolod City	1	0.236	-	-	301	70.949	-	-
Bago City	-	-	-	-	78	56.161	-	-
Cadiz City	-	-	-	-	58	45.670	4	3.150
Iloilo City	-	-	-	-	207	59.386	-	-
La Carlota City	-	-	-	-	34	59.049	1	1.737
Roxas City	-	-	-	-	72	57.302	1	0.796
Sagay City	-	-	-	-	56	42.386	-	-
San Carlos City	-	-	-	-	37	35.859	2	1.938
Silay City	-	-	-	-	70	53.807	-	-
Region 7	7	0.134	-	-	2,795	53.580	11	0.211
Bohol	-	-	-	-	490	51.139	4	0.417
Cebu	3	0.171	-	-	987	56.189	5	0.285
Negros Oriental	-	-	-	-	332	38.747	1	0.117
Siquijor	1	1.307	-	-	72	94.134	-	-
Bais City	-	-	-	-	30	46.193	-	-
Carlaon City	-	-	-	-	16	37.233	-	-
Cebu City	3	0.435	-	-	445	64.504	-	-
Danao City	-	-	-	-	51	61.118	-	-
Dumaguete City	-	-	-	-	81	83.015	-	-
Lapu-Lapu City	-	-	-	-	79	42.243	-	-
Mandawe City	-	-	-	-	116	57.391	-	-
Tagbilaran City	-	-	-	-	38	52.612	-	-
Toledo City	-	-	-	-	58	45.212	1	0.780
Region 8	98	2.790	-	-	1,003	28.554	11	0.313
Biliran	-	-	-	-	46	33.304	1	0.724
Leyte Del Norte	58	4.645	-	-	377	30.196	2	0.160
Leyte Del Sur	-	-	-	-	162	48.878	1	0.302
Eastern Samar	3	0.799	-	-	59	15.712	1	0.266
Northern Samar	28	5.928	-	-	125	26.463	3	0.635
Western Samar	4	0.836	-	-	50	10.451	-	-
Calbayog City	-	-	-	-	44	32.587	2	1.481
Ormoc City	-	-	-	-	68	44.726	-	-
Tacloban City	5	2.759	-	-	72	39.735	1	0.552

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS		FILARIASIS		MALIGNANT NEOPLASM		FOOD POISONING BACTERIAL	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	10	0.341	-	-	731	24.940	4	0.136
Basilan	-	-	-	-	31	10.127	-	-
Zamboanga Del Norte	-	-	-	-	160	24.771	-	-
Zamboanga Del Sur	8	0.703	-	-	189	16.615	2	0.176
Dapitan City	1	1.530	-	-	34	52.013	-	-
Dipolog City	1	1.043	-	-	41	42.768	-	-
Pagadian City	-	-	-	-	46	34.356	-	-
Zamboanga City	-	-	-	-	230	42.098	2	0.366
Region 10	16	0.617	-	-	896	34.547	2	0.077
Bukidnon	9	0.905	-	-	169	16.994	-	-
Camiguin	-	-	-	-	32	45.831	-	-
Misamis Occidental	1	0.384	-	-	119	45.656	-	-
Misamis Oriental	-	-	-	-	218	42.472	1	0.195
Cagayan de Oro	-	-	-	-	195	42.708	-	-
Gingoog City	-	-	-	-	42	47.492	-	-
Oroquieta City	-	-	-	-	34	59.051	-	-
Ozamis City	4	3.779	-	-	65	61.411	-	-
Tangub City	2	4.260	-	-	22	46.863	1	2.130
Region 11	26	0.537	-	-	1,667	34.405	5	0.103
Cotabato South	-	-	-	-	205	31.386	-	-
Davao Oriental	-	-	-	-	133	31.104	1	0.234
Davao Del Norte	24	1.908	-	-	374	29.739	3	0.239
Davao Del Sur	-	-	-	-	208	299.393	1	1.439
Saranggani	-	-	-	-	60	15.367	-	-
Davao City	2	0.188	-	-	563	53.007	-	-
Gen. Santos City	-	-	-	-	124	34.447	-	-
Region 12	19	0.768	-	-	485	19.608	4	0.162
Lanao Del Norte	18	3.922	-	-	82	17.868	1	0.218
North Cotabato	-	-	-	-	153	16.920	3	0.332
Sultan Kudarat	-	-	-	-	97	17.684	-	-
Cotabato City	-	-	-	-	31	20.225	-	-
Iligan City	1	0.345	-	-	117	40.350	-	-
Marawi City	-	-	-	-	5	4.219	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	SCHISTOSOMIASIS		FILARIASIS		MALIGNANT NEOPLASM		FOOD POISONING BACTERIAL	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	-	-	-	-	51	2.452	-	-
Lanao Del Sur	-	-	-	-	10	1.683	-	-
Maguindanao	-	-	-	-	21	3.040	-	-
Sulu	-	-	-	-	12	2.229	-	-
Tawi-Tawi	-	-	-	-	8	3.119	-	-
Caraga	27	1.327	-	-	510	25.063	2	0.098
Agusan Del Norte	2	0.723	-	-	69	24.932	1	0.361
Agusan Del Sur	6	1.082	-	-	78	14.063	-	-
Surigao Del Norte	8	2.304	-	-	88	25.339	1	0.288
Surigao Del Sur	7	1.433	-	-	126	25.788	-	-
Butuan City	4	1.554	-	-	107	41.561	-	-
Surigao City	-	-	-	-	42	38.134	-	-
NOT STATED	1	*	-	*	16	*	-	*

* population unknown

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	MALARIA		SYPHILIS		GONOCOCCAL INFECTION		AIDS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	514	0.718	19	0.027	3	0.004	30	0.042
NCR	14	0.143	-	-	-	-	11	0.112
City of Manila	1	0.062	-	-	-	-	1	0.062
Manila, 2nd District	-	-	-	-	-	-	-	-
Mandaluyong City	1	0.345	-	-	-	-	-	-
Pasig City	3	0.606	-	-	-	-	-	-
Quezon City	2	0.098	-	-	-	-	4	0.195
Marikina City	-	-	-	-	-	-	1	0.265
Manila, 3rd District	2	0.187	-	-	-	-	-	-
Kalookan City	5	0.459	-	-	-	-	1	0.092
Manila, 4th District	-	-	-	-	-	-	1	0.075
Makati City	-	-	-	-	-	-	1	2.057
Pasay City	-	-	-	-	-	-	2	0.485
C.A.R.	32	2.441	-	-	-	-	1	0.076
Abra	4	1.990	-	-	-	-	-	-
Apayao	11	12.607	-	-	-	-	-	-
Benguet	-	-	-	-	-	-	1	0.309
Ifugao	6	3.841	-	-	-	-	-	-
Kalinga	8	4.985	-	-	-	-	-	-
Mt. Province	3	2.221	-	-	-	-	-	-
Baguio City	-	-	-	-	-	-	-	-
Region 1	5	0.127	1	0.025	-	-	1	0.025
Ilocos Norte	-	-	-	-	-	-	-	-
Ilocos Sur	1	0.179	-	-	-	-	-	-
La Union	1	0.161	-	-	-	-	-	-
Pangasinan	3	0.151	1	0.050	-	-	1	0.050
Dagupan City	-	-	-	-	-	-	-	-
Laoag City	-	-	-	-	-	-	-	-
San Carlos City	-	-	-	-	-	-	-	-
Region 2	69	2.612	-	-	-	-	-	-
Batanes	-	-	-	-	-	-	-	-
Cagayan	37	3.995	-	-	-	-	-	-
Isabela	25	2.255	-	-	-	-	-	-
Nueva Vizcaya	2	0.572	-	-	-	-	-	-
Quirino	4	2.888	-	-	-	-	-	-
Santiago City	1	0.965	-	-	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	MALARIA		SYPHILIS		GONOCOCCAL INFECTION		AIDS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	24	0.332	2	0.028	2	0.028	6	0.083
Bataan	1	0.195	-	-	-	-	-	-
Bulacan	8	0.427	-	-	1	0.053	4	0.214
Nueva Ecija	3	0.246	-	-	-	-	-	-
Pampanga	-	-	-	-	-	-	-	-
Tarlac	1	0.102	-	-	-	-	-	-
Zambales	7	1.723	-	-	1	0.246	1	0.246
Angeles City	-	-	2	0.828	-	-	-	-
Cabanatuan City	2	0.954	-	-	-	-	-	-
Olangapo City	2	1.103	-	-	-	-	1	0.551
Palayan City	-	-	-	-	-	-	-	-
San Jose City	-	-	-	-	-	-	-	-
Region 4	139	1.327	2	0.019	-	-	3	0.029
Aurora	1	0.594	-	-	-	-	-	-
Batangas	1	0.077	1	0.077	-	-	-	-
Cavite	2	0.128	1	0.064	-	-	-	-
Laguna	3	0.195	-	-	-	-	2	0.130
Marinduque	-	-	-	-	-	-	-	-
Mindoro Occidental	12	3.398	-	-	-	-	1	0.283
Mindoro Oriental	3	0.473	-	-	-	-	-	-
Palawan	77	14.335	-	-	-	-	-	-
Quezon	10	0.709	-	-	-	-	-	-
Rizal	11	0.757	-	-	-	-	-	-
Romblon	2	0.797	-	-	-	-	-	-
Batangas City	-	-	-	-	-	-	-	-
Cavite City	-	-	-	-	-	-	-	-
Lipa City	-	-	-	-	-	-	-	-
Lucena City	1	0.533	-	-	-	-	-	-
Puerto Princessa City	16	11.463	-	-	-	-	-	-
San Pablo City	-	-	-	-	-	-	-	-
Tagaytay City	-	-	-	-	-	-	-	-
Trece Martires City	-	-	-	-	-	-	-	-
Region 5	6	0.134	-	-	-	-	-	-
Albay	-	-	-	-	-	-	-	-
Camarines Norte	1	0.216	-	-	-	-	-	-
Camarines Sur	1	0.078	-	-	-	-	-	-
Catanduanes	-	-	-	-	-	-	-	-
Masbate	1	0.150	-	-	-	-	-	-
Sorsogon	3	0.494	-	-	-	-	-	-
Iriga City	-	-	-	-	-	-	-	-
Legaspi City	-	-	-	-	-	-	-	-
Naga City	-	-	-	-	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	MALARIA		SYPHILIS		GONOCOCCAL INFECTION		AIDS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	3	0.050	-	-	-	-	2	0.033
Aklan	-	-	-	-	-	-	-	-
Antique	-	-	-	-	-	-	-	-
Capiz	-	-	-	-	-	-	-	-
Guimaras	-	-	-	-	-	-	-	-
Iloilo	3	0.205	-	-	-	-	-	-
Negros Occidental	-	-	-	-	-	-	-	-
Bacolod City	-	-	-	-	-	-	1	0.236
Bago City	-	-	-	-	-	-	-	-
Cadiz City	-	-	-	-	-	-	1	0.787
Iloilo City	-	-	-	-	-	-	-	-
La Carlota City	-	-	-	-	-	-	-	-
Roxas City	-	-	-	-	-	-	-	-
Sagay City	-	-	-	-	-	-	-	-
San Carlos City	-	-	-	-	-	-	-	-
Silay City	-	-	-	-	-	-	-	-
Region 7	3	0.058	4	0.077	-	-	1	0.019
Bohol	1	0.104	-	-	-	-	1	0.104
Cebu	-	-	2	0.114	-	-	-	-
Negros Oriental	-	-	-	-	-	-	-	-
Siquijor	-	-	-	-	-	-	-	-
Bais City	-	-	-	-	-	-	-	-
Canlaon City	-	-	-	-	-	-	-	-
Cebu City	1	0.145	1	0.145	-	-	-	-
Danao City	-	-	-	-	-	-	-	-
Dumaguete City	-	-	-	-	-	-	-	-
Lapu-Lapu City	-	-	-	-	-	-	-	-
Mandawe City	1	0.495	1	0.495	-	-	-	-
Tagbilaran City	-	-	-	-	-	-	-	-
Toledo City	-	-	-	-	-	-	-	-
Region 8	-	-	4	0.114	-	-	3	0.085
Biliran	-	-	2	1.448	-	-	-	-
Leyte Del Norte	-	-	1	0.080	-	-	-	-
Leyte Del Sur	-	-	-	-	-	-	1	0.302
Eastern Samar	-	-	-	-	-	-	-	-
Northern Samar	-	-	-	-	-	-	1	0.212
Western Samar	-	-	1	0.209	-	-	-	-
Calbayog City	-	-	-	-	-	-	-	-
Ormoc City	-	-	-	-	-	-	-	-
Tacloban City	-	-	-	-	-	-	1	0.552

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	MALARIA		SYPHILIS		GONOCOCCAL INFECTION		AIDS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	24	0.819	1	0.034	-	-	-	-
Basilan	4	1.307	-	-	-	-	-	-
Zamboanga Del Norte	7	1.084	-	-	-	-	-	-
Zamboanga Del Sur	7	0.615	1	0.088	-	-	-	-
Dapitan City	-	-	-	-	-	-	-	-
Dipolog City	-	-	-	-	-	-	-	-
Pagadian City	-	-	-	-	-	-	-	-
Zamboanga City	6	1.098	-	-	-	-	-	-
Region 10	24	0.925	2	0.077	-	-	-	-
Bukidnon	7	0.704	2	0.201	-	-	-	-
Camiguin	1	1.432	-	-	-	-	-	-
Misamis Occidental	1	0.384	-	-	-	-	-	-
Misamis Oriental	3	0.584	-	-	-	-	-	-
Cagayan de Oro	1	0.219	-	-	-	-	-	-
Gingoog City	10	11.308	-	-	-	-	-	-
Oroquieta City	-	-	-	-	-	-	-	-
Ozamis City	-	-	-	-	-	-	-	-
Tangub City	1	2.130	-	-	-	-	-	-
Region 11	87	1.796	-	-	-	-	-	-
Cotabato South	3	0.459	-	-	-	-	-	-
Davao Oriental	10	2.339	-	-	-	-	-	-
Davao Del Norte	41	3.260	-	-	-	-	-	-
Davao Del Sur	10	14.394	-	-	-	-	-	-
Sarangani	4	1.024	-	-	-	-	-	-
Davao City	13	1.224	-	-	-	-	-	-
Gen. Santos City	6	1.667	-	-	-	-	-	-
Region 12	15	0.606	1	0.040	-	-	1	0.040
Lanao Del Norte	-	-	-	-	-	-	-	-
North Cotabato	6	0.664	-	-	-	-	-	-
Sultan Kudarat	9	1.641	-	-	-	-	1	0.182
Cotabato City	-	-	-	-	-	-	-	-
Iligan City	-	-	1	0.345	-	-	-	-
Marawi City	-	-	-	-	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	MALARIA		SYPHILIS		GONOCOCCAL INFECTION		AIDS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	10	0.481	-	-	-	-	-	-
Lanao Del Sur	-	-	-	-	-	-	-	-
Maguindanao	1	0.145	-	-	-	-	-	-
Sulu	3	0.557	-	-	-	-	-	-
Tawi-Tawi	6	2.339	-	-	-	-	-	-
Caraga	59	2.899	2	0.098	1	0.049	-	-
Agusan Del Norte	7	2.529	-	-	1	0.361	-	-
Agusan Del Sur	18	3.245	-	-	-	-	-	-
Surigao Del Norte	1	0.288	2	0.576	-	-	-	-
Surigao Del Sur	23	4.707	-	-	-	-	-	-
Butuan City	9	3.496	-	-	-	-	-	-
Surigao City	1	0.908	-	-	-	-	-	-
NOT STATED	-	*	-	*	-	*	1	*

* population unknown

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	VIRAL ENCEPHALITIS		INFECTIOUS HEPATITIS		RABIES		MUMPS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	120	0.168	1,072	1.498	677	0.946	7	0.010
NCR	27	0.275	123	1.254	43	0.438	-	-
City of Manila	2	0.124	32	1.981	5	0.310	-	-
Manila, 2nd District	-	-	-	-	-	-	-	-
Mandaluyong City	-	-	5	1.726	-	-	-	-
Pasig City	4	0.808	2	0.404	4	0.808	-	-
Quezon City	16	0.781	19	0.928	12	0.586	-	-
Marikina City	-	-	4	1.061	3	0.796	-	-
Manila, 3rd District	2	0.187	17	1.592	3	0.281	-	-
Kalookan City	1	0.092	20	1.837	5	0.459	-	-
Manila, 4th District	2	0.151	18	1.357	7	0.528	-	-
Makati City	-	-	6	12.343	2	4.114	-	-
Pasay City	-	-	-	-	2	0.485	-	-
C.A.R.	5	0.381	13	0.992	6	0.458	-	-
Abra	-	-	2	0.995	1	0.497	-	-
Apayao	-	-	-	-	3	3.438	-	-
Benguet	3	0.927	4	1.236	1	0.309	-	-
Ifugao	1	0.640	-	-	1	0.640	-	-
Kalinga	-	-	1	0.623	-	-	-	-
Mt. Province	-	-	2	1.480	-	-	-	-
Baguio City	1	0.404	4	1.618	-	-	-	-
Region 1	2	0.051	53	1.347	85	2.161	-	-
Ilocos Norte	-	-	3	0.742	7	1.732	-	-
Ilocos Sur	1	0.179	5	0.895	12	2.148	-	-
La Union	-	-	6	0.966	13	2.093	-	-
Pangasinan	1	0.050	34	1.707	44	2.209	-	-
Dagupan City	-	-	3	2.309	5	3.849	-	-
Laoag City	-	-	2	2.200	3	3.300	-	-
San Carlos City	-	-	-	-	1	0.719	-	-
Region 2	3	0.114	27	1.022	44	1.666	1	0.038
Batanes	-	-	1	6.901	-	-	-	-
Cagayan	1	0.108	11	1.188	12	1.296	-	-
Isabela	2	0.180	11	0.992	13	1.172	1	0.090
Nueva Vizcaya	-	-	3	0.858	17	4.863	-	-
Quirino	-	-	-	-	1	0.722	-	-
Santiago City	-	-	1	0.965	1	0.965	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	VIRAL ENCEPHALITIS		INFECTIOUS HEPATITIS		RABIES		MUMPS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	17	0.235	96	1.329	74	1.024	1	0.014
Bataan	3	0.584	5	0.974	5	0.974	-	-
Bulacan	6	0.320	23	1.228	24	1.281	-	-
Nueva Ecija	2	0.164	25	2.049	10	0.819	-	-
Pampanga	1	0.068	10	0.682	7	0.477	-	-
Tarlac	2	0.204	14	1.428	20	2.040	1	0.102
Zambales	2	0.492	5	1.231	1	0.246	-	-
Angeles City	-	-	5	2.070	4	1.656	-	-
Cabanatuan City	1	0.477	3	1.431	-	-	-	-
Olangapo City	-	-	4	2.206	3	1.654	-	-
Palayan City	-	-	-	-	-	-	-	-
San Jose City	-	-	2	1.977	-	-	-	-
Region 4	12	0.115	135	1.289	112	1.069	1	0.010
Aurora	2	1.189	3	1.783	6	3.566	-	-
Batangas	1	0.077	16	1.229	9	0.691	1	0.077
Cavite	1	0.064	19	1.218	3	0.192	-	-
Laguna	2	0.130	11	0.716	17	1.107	-	-
Marinduque	2	0.983	7	3.439	9	4.422	-	-
Mindoro Occidental	-	-	5	1.416	13	3.681	-	-
Mindoro Oriental	-	-	11	1.736	15	2.367	-	-
Palawan	-	-	7	1.303	3	0.559	-	-
Quezon	3	0.213	17	1.205	12	0.850	-	-
Rizal	1	0.069	21	1.444	11	0.757	-	-
Romblon	-	-	13	5.183	5	1.993	-	-
Batangas City	-	-	-	-	1	0.457	-	-
Cavite City	-	-	-	-	-	-	-	-
Lipa City	-	-	1	0.544	1	0.544	-	-
Lucena City	-	-	2	1.066	1	0.533	-	-
Puerto Princessa City	-	-	-	-	1	0.716	-	-
San Pablo City	-	-	1	0.526	5	2.630	-	-
Tagaytay City	-	-	1	3.289	-	-	-	-
Trece Martires City	-	-	-	-	-	-	-	-
Region 5	8	0.178	74	1.649	58	1.292	-	-
Albay	3	0.335	7	0.783	6	0.671	-	-
Camarines Norte	2	0.433	19	4.111	7	1.514	-	-
Camarines Sur	1	0.078	6	0.469	19	1.485	-	-
Catanduanes	-	-	3	1.427	-	-	-	-
Masbate	-	-	20	2.994	15	2.245	-	-
Sorsogon	-	-	10	1.648	4	0.659	-	-
Iriga City	2	2.381	1	1.190	1	1.190	-	-
Legaspi City	-	-	2	1.337	1	0.669	-	-
Naga City	-	-	6	4.498	5	3.748	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	VIRAL ENCEPHALITIS		INFECTIOUS HEPATITIS		RABIES		MUMPS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	6	0.100	110	1.838	58	0.969	1	0.017
Aklan	1	0.236	11	2.591	3	0.707	-	-
Antique	-	-	2	0.448	2	0.448	-	-
Capiz	2	0.384	7	1.345	11	2.114	-	-
Guimaras	-	-	2	1.527	-	-	-	-
Iloilo	2	0.137	23	1.571	23	1.571	1	0.068
Negros Occidental	-	-	30	2.126	6	0.425	-	-
Bacolod City	-	-	7	1.650	2	0.471	-	-
Bago City	-	-	4	2.880	5	3.600	-	-
Cadiz City	-	-	3	2.362	1	0.787	-	-
Iloilo City	-	-	7	2.008	3	0.861	-	-
La Carlota City	-	-	-	-	-	-	-	-
Roxas City	1	0.796	5	3.979	-	-	-	-
Sagay City	-	-	4	3.028	2	1.514	-	-
San Carlos City	-	-	3	2.907	-	-	-	-
Silay City	-	-	2	1.537	-	-	-	-
Region 7	5	0.096	80	1.534	31	0.594	1	0.019
Bohol	-	-	8	0.835	7	0.731	-	-
Cebu	1	0.057	23	1.309	13	0.740	1	0.057
Negros Oriental	1	0.117	8	0.934	1	0.117	-	-
Siquijor	-	-	1	1.307	-	-	-	-
Bais City	-	-	2	3.080	-	-	-	-
Canlaon City	-	-	1	2.327	1	2.327	-	-
Cebu City	3	0.435	22	3.189	5	0.725	-	-
Danao City	-	-	3	3.595	-	-	-	-
Dumaguete City	-	-	2	2.050	-	-	-	-
Lapu-Lapu City	-	-	1	0.535	-	-	-	-
Mandawe City	-	-	3	1.484	3	1.484	-	-
Tagbilaran City	-	-	1	1.385	1	1.385	-	-
Toledo City	-	-	5	3.898	-	-	-	-
Region 8	9	0.256	58	1.651	16	0.455	-	-
Biliran	-	-	1	0.724	-	-	-	-
Leyte Del Norte	-	-	21	1.682	9	0.721	-	-
Leyte Del Sur	5	1.509	11	3.319	1	0.302	-	-
Eastern Samar	1	0.266	1	0.266	-	-	-	-
Northern Samar	2	0.423	13	2.752	1	0.212	-	-
Western Samar	-	-	8	1.672	4	0.836	-	-
Calbayog City	-	-	1	0.741	-	-	-	-
Ormoc City	-	-	-	-	1	0.658	-	-
Tacloban City	1	0.552	2	1.104	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	VIRAL ENCEPHALITIS		INFECTIOUS HEPATITIS		RABIES		MUMPS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	5	0.171	54	1.842	14	0.478	-	-
Basilan	-	-	1	0.327	1	0.327	-	-
Zamboanga Del Norte	1	0.155	13	2.013	1	0.155	-	-
Zamboanga Del Sur	3	0.264	27	2.374	7	0.615	-	-
Dapitan City	-	-	3	4.589	-	-	-	-
Dipolog City	1	1.043	1	1.043	1	1.043	-	-
Pagadian City	-	-	2	1.494	-	-	-	-
Zamboanga City	-	-	7	1.281	4	0.732	-	-
Region 10	1	0.039	57	2.198	15	0.578	2	0.077
Bukidnon	-	-	18	1.810	1	0.101	-	-
Camiguin	-	-	2	2.864	-	-	1	1.432
Misamis Occidental	-	-	6	2.302	2	0.767	1	0.384
Misamis Oriental	-	-	8	1.559	5	0.974	-	-
Cagayan de Oro	-	-	11	2.409	3	0.657	-	-
Gingoog City	-	-	2	2.262	2	2.262	-	-
Oroquieta City	-	-	1	1.737	-	-	-	-
Ozamis City	1	0.945	5	4.724	2	1.890	-	-
Tangub City	-	-	4	8.521	-	-	-	-
Region 11	10	0.206	98	2.023	79	1.630	-	-
Cotabato South	2	0.306	8	1.225	18	2.756	-	-
Davao Oriental	-	-	9	2.105	7	1.637	-	-
Davao Del Norte	7	0.557	24	1.908	9	0.716	-	-
Davao Del Sur	-	-	16	23.030	13	18.712	-	-
Sarangani	-	-	5	1.281	2	0.512	-	-
Davao City	-	-	31	2.919	25	2.354	-	-
Gen. Santos City	1	0.278	5	1.389	5	1.389	-	-
Region 12	9	0.364	34	1.375	21	0.849	-	-
Lanao Del Norte	1	0.218	7	1.525	6	1.307	-	-
North Cotabato	3	0.332	17	1.880	7	0.774	-	-
Sultan Kudarat	3	0.547	4	0.729	4	0.729	-	-
Cotabato City	-	-	-	-	1	0.652	-	-
Iligan City	2	0.690	5	1.724	3	1.035	-	-
Marawi City	-	-	1	0.844	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ACUTE POLIOMYELITIS		VARICELLA		MEASLES		DENGUE H-FEVER	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	2	0.028	7	0.097	189	2.617	84	1.163
Bataan	-	-	1	0.195	6	1.169	9	1.753
Bulacan	1	0.053	1	0.053	85	4.538	17	0.908
Nueva Ecija	-	-	1	0.082	19	1.557	13	1.065
Pampanga	1	0.068	1	0.068	23	1.568	18	1.227
Tarlac	-	-	1	0.102	38	3.876	15	1.530
Zambales	-	-	-	-	5	1.231	3	0.738
Angeles City	-	-	-	-	5	2.070	3	1.242
Cabanatuan City	-	-	-	-	5	2.385	1	0.477
Olangapo City	-	-	1	0.551	2	1.103	3	1.654
Palayan City	-	-	-	-	1	3.440	1	3.440
San Jose City	-	-	1	0.989	-	-	1	0.989
Region 4	8	0.076	12	0.115	268	2.559	181	1.728
Aurora	-	-	-	-	2	1.189	1	0.594
Batangas	1	0.077	-	-	10	0.768	30	2.303
Cavite	-	-	3	0.192	42	2.693	33	2.116
Laguna	-	-	1	0.065	48	3.126	24	1.563
Marinduque	-	-	2	0.983	5	2.457	11	5.405
Mindoro Occidental	-	-	-	-	7	1.982	-	-
Mindoro Oriental	-	-	-	-	10	1.578	9	1.420
Palawan	-	-	-	-	10	1.862	3	0.559
Quezon	5	0.354	2	0.142	33	2.339	25	1.772
Rizal	1	0.069	3	0.206	74	5.089	24	1.651
Romblon	1	0.399	-	-	10	3.987	2	0.797
Batangas City	-	-	-	-	2	0.913	7	3.196
Cavite City	-	-	-	-	-	-	-	-
Lipa City	-	-	-	-	-	-	2	1.088
Lucena City	-	-	-	-	12	6.399	4	2.133
Puerto Princessa City	-	-	1	0.716	1	0.716	2	1.433
San Pablo City	-	-	-	-	2	1.052	3	1.578
Tagaytay City	-	-	-	-	-	-	-	-
Trece Martires City	-	-	-	-	-	-	1	4.709
Region 5	10	0.223	4	0.089	111	2.473	25	0.557
Albay	-	-	1	0.112	10	1.118	8	0.894
Camarines Norte	8	1.731	1	0.216	5	1.082	-	-
Camarines Sur	-	-	-	-	27	2.111	3	0.235
Catanduanes	-	-	1	0.476	3	1.427	-	-
Masbate	-	-	-	-	45	6.736	6	0.898
Sorsogon	2	0.330	-	-	17	2.802	5	0.824
Iriga City	-	-	-	-	2	2.381	1	1.190
Legaspi City	-	-	-	-	1	0.669	-	-
Naga City	-	-	1	0.750	1	0.750	2	1.499

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ACUTE POLIOMYELITIS		VARICELLA		MEASLES		DENGUE H-FEVER	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	3	0.050	4	0.067	42	0.702	56	0.936
Aklan	-	-	-	-	7	1.649	1	0.236
Antique	-	-	-	-	-	-	5	1.119
Capiz	1	0.192	-	-	2	0.384	3	0.577
Guimaras	-	-	-	-	-	-	-	-
Iloilo	-	-	-	-	1	0.068	7	0.478
Negros Occidental	1	0.071	1	0.071	18	1.275	12	0.850
Bacolod City	-	-	1	0.236	3	0.707	7	1.650
Bago City	-	-	1	0.720	3	2.160	-	-
Cadiz City	1	0.787	-	-	1	0.787	2	1.575
Iloilo City	-	-	-	-	-	-	3	0.861
La Carlota City	-	-	-	-	1	1.737	-	-
Roxas City	-	-	-	-	3	2.388	7	5.571
Sagay City	-	-	-	-	1	0.757	3	2.271
San Carlos City	-	-	1	0.969	2	1.938	-	-
Silay City	-	-	-	-	-	-	6	4.612
Region 7	3	0.058	4	0.077	121	2.320	171	3.278
Bohol	-	-	1	0.104	7	0.731	10	1.044
Cebu	1	0.057	2	0.114	47	2.676	49	2.790
Negros Oriental	-	-	-	-	22	2.568	8	0.934
Siquijor	-	-	-	-	2	2.615	-	-
Bais City	1	1.540	-	-	-	-	1	1.540
Canlaon City	-	-	-	-	3	6.981	-	-
Cebu City	-	-	1	0.145	16	2.319	61	8.842
Danao City	-	-	-	-	-	-	3	3.595
Dumaguete City	-	-	-	-	4	4.099	2	2.050
Lapu-Lapu City	-	-	-	-	-	-	8	4.278
Mandawe City	1	0.495	-	-	8	3.958	12	5.937
Tagbilaran City	-	-	-	-	-	-	9	12.461
Toledo City	-	-	-	-	12	9.354	8	6.236
Region 8	4	0.114	2	0.057	61	1.737	31	0.883
Biliran	-	-	-	-	-	-	2	1.448
Leyte Del Norte	1	0.080	1	0.080	3	0.240	6	0.481
Leyte Del Sur	2	0.603	1	0.302	1	0.302	5	1.509
Eastern Samar	-	-	-	-	1	0.266	2	0.533
Northern Samar	1	0.212	-	-	48	10.162	5	1.059
Western Samar	-	-	-	-	1	0.209	2	0.418
Calbayog City	-	-	-	-	4	2.962	2	1.481
Ormoc City	-	-	-	-	2	1.315	-	-
Tacloban City	-	-	-	-	1	0.552	7	3.863

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ACUTE POLIOMYELITIS		VARICELLA		MEASLES		DENGUE H-FEVER	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	-	-	2	0.068	18	0.614	15	0.512
Basilan	-	-	-	-	2	0.653	2	0.653
Zamboanga Del Norte	-	-	1	0.155	3	0.464	1	0.155
Zamboanga Del Sur	-	-	1	0.088	8	0.703	7	0.615
Dapitan City	-	-	-	-	2	3.060	-	-
Dipolog City	-	-	-	-	1	1.043	1	1.043
Pagadian City	-	-	-	-	-	-	1	0.747
Zamboanga City	-	-	-	-	2	0.366	3	0.549
Region 10	1	0.039	4	0.154	24	0.925	36	1.388
Bukidnon	-	-	1	0.101	9	0.905	14	1.408
Camiguin	-	-	-	-	-	-	-	-
Misamis Occidental	1	0.384	-	-	3	1.151	4	1.535
Misamis Oriental	-	-	-	-	4	0.779	4	0.779
Cagayan de Oro	-	-	2	0.438	5	1.095	10	2.190
Gingoog City	-	-	-	-	-	-	2	2.262
Oroquieta City	-	-	1	1.737	-	-	1	1.737
Ozamis City	-	-	-	-	1	0.945	1	0.945
Tangub City	-	-	-	-	2	4.260	-	-
Region 11	1	0.021	3	0.062	42	0.867	52	1.073
Cotabato South	-	-	1	0.153	4	0.612	11	1.684
Davao Oriental	1	0.234	-	-	4	0.935	4	0.935
Davao Del Norte	-	-	-	-	12	0.954	11	0.875
Davao Del Sur	-	-	-	-	1	1.439	8	11.515
Saranggani	-	-	1	0.256	-	-	1	0.256
Davao City	-	-	-	-	19	1.789	8	0.753
Gen. Santos City	-	-	1	0.278	2	0.556	9	2.500
Region 12	1	0.040	1	0.040	26	1.051	28	1.132
Lanao Del Norte	1	0.218	-	-	2	0.436	4	0.872
North Cotabato	-	-	-	-	-	-	2	0.221
Sultan Kudarat	-	-	-	-	-	-	6	1.094
Cotabato City	-	-	-	-	18	11.743	4	2.610
Iligan City	-	-	1	0.345	6	2.069	11	3.794
Marawi City	-	-	-	-	-	-	1	0.844

Table 24

SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997

AREA	ACUTE POLIOMYELITIS		VARICELLA		MEASLES		DENGUE H-FEVER	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	-	-	-	-	-	-	1	0.048
Lanao Del Sur	-	-	-	-	-	-	1	0.168
Maguindanao	-	-	-	-	-	-	-	-
Sulu	-	-	-	-	-	-	-	-
Tawi-Tawi	NR		NR		NR		NR	
Caraga	1	0.049	-	-	14	0.688	27	1.327
Agusan Del Norte	-	-	-	-	-	-	6	2.168
Agusan Del Sur	-	-	-	-	3	0.541	5	0.901
Surigao Del Norte	-	-	-	-	4	1.152	-	-
Surigao Del Sur	1	0.205	-	-	4	0.819	12	2.456
Butuan City	-	-	-	-	2	0.777	4	1.554
Surigao City	-	-	-	-	1	0.908	-	-
NOT STATED	-	*	-	*	4	*	2	*

NR - No Report

* - population unknown

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	LEPROSY		WHOOPING COUGH		MENINGOCOCCAL INFECTION		TETANUS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	56	0.078	6	0.008	168	0.235	684	0.956
NCR	11	0.112	1	0.010	38	0.387	67	0.683
City of Manila	1	0.062	-	-	7	0.433	9	0.557
Manila, 2nd District	-	-	-	-	-	-	1	0.166
Mandaluyong City	1	0.345	-	-	1	0.345	4	1.381
Pasig City	-	-	-	-	-	-	1	0.202
Quezon City	1	0.049	-	-	8	0.391	16	0.781
Marikina City	-	-	-	-	2	0.530	1	0.265
Manila, 3rd District	-	-	-	-	4	0.375	6	0.562
Kalookan City	8	0.735	1	0.092	5	0.459	4	0.367
Manila, 4th District	-	-	-	-	5	0.377	18	1.357
Makati City	-	-	-	-	1	2.057	6	12.343
Pasay City	-	-	-	-	5	1.211	1	0.242
C.A.R.	-	-	1	0.076	3	0.229	8	0.610
Abra	-	-	-	-	-	-	3	1.492
Apayao	-	-	-	-	1	1.146	1	1.146
Benguet	-	-	1	0.309	-	-	1	0.309
Ifugao	-	-	-	-	-	-	1	0.640
Kalinga	-	-	-	-	-	-	1	0.623
Mt. Province	-	-	-	-	-	-	1	0.740
Baguio City	-	-	-	-	2	0.809	-	-
Region 1	12	0.305	-	-	9	0.229	58	1.474
Ilocos Norte	2	0.495	-	-	1	0.247	7	1.732
Ilocos Sur	1	0.179	-	-	1	0.179	9	1.611
La Union	6	0.966	-	-	2	0.322	4	0.644
Pangasinan	3	0.151	-	-	4	0.201	30	1.506
Dagupan City	-	-	-	-	1	0.770	4	3.079
Laoag City	-	-	-	-	-	-	1	1.100
San Carlos City	-	-	-	-	-	-	3	2.158
Region 2	3	0.114	1	0.038	3	0.114	36	1.363
Batanes	-	-	-	-	-	-	-	-
Cagayan	1	0.108	-	-	1	0.108	18	1.943
Isabela	1	0.090	-	-	2	0.180	11	0.992
Nueva Vizcaya	1	0.286	-	-	-	-	4	1.144
Quirino	-	-	-	-	-	-	1	0.722
Santiago City	-	-	1	0.965	-	-	2	1.929

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	LEPROSY		WHOOPING COUGH		MENINGOCOCCAL INFECTION		TETANUS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	5	0.069	-	-	14	0.194	47	0.651
Bataan	-	-	-	-	1	0.195	3	0.584
Bulacan	1	0.053	-	-	4	0.214	14	0.747
Nueva Ecija	1	0.082	-	-	1	0.082	5	0.410
Pampanga	-	-	-	-	-	-	6	0.409
Tarlac	1	0.102	-	-	6	0.612	6	0.612
Zambales	1	0.246	-	-	-	-	2	0.492
Angeles City	-	-	-	-	-	-	3	1.242
Cabanatuan City	-	-	-	-	2	0.954	5	2.385
Olangapo City	-	-	-	-	-	-	-	-
Palayan City	-	-	-	-	-	-	-	-
San Jose City	1	0.989	-	-	-	-	3	2.966
Region 4	3	0.029	1	0.010	23	0.220	87	0.831
Aurora	-	-	-	-	-	-	1	0.594
Batangas	-	-	-	-	4	0.307	6	0.461
Cavite	-	-	-	-	3	0.192	14	0.898
Laguna	-	-	-	-	3	0.195	16	1.042
Marinduque	1	0.491	-	-	1	0.491	1	0.491
Mindoro Occidental	-	-	-	-	-	-	4	1.133
Mindoro Oriental	-	-	-	-	-	-	5	0.789
Palawan	2	0.372	-	-	1	0.186	4	0.745
Quezon	-	-	1	0.071	2	0.142	7	0.496
Rizal	-	-	-	-	4	0.275	14	0.963
Romblon	-	-	-	-	-	-	4	1.595
Batangas City	-	-	-	-	1	0.457	2	0.913
Cavite City	-	-	-	-	1	1.092	1	1.092
Lipa City	-	-	-	-	-	-	2	1.088
Lucena City	-	-	-	-	1	0.533	-	-
Puerto Princessa City	-	-	-	-	2	1.433	1	0.716
San Pablo City	-	-	-	-	-	-	5	2.630
Tagaytay City	-	-	-	-	-	-	-	-
Trece Martires City	-	-	-	-	-	-	-	-
Region 5	2	0.045	-	-	8	0.178	31	0.691
Albay	1	0.112	-	-	1	0.112	3	0.335
Camarines Norte	-	-	-	-	-	-	1	0.216
Camarines Sur	-	-	-	-	2	0.156	6	0.469
Catanduanes	-	-	-	-	-	-	2	0.951
Masbate	-	-	-	-	2	0.299	6	0.898
Sorsogon	1	0.165	-	-	2	0.330	8	1.319
Iriga City	-	-	-	-	-	-	1	1.190
Legaspi City	-	-	-	-	-	-	2	1.337
Naga City	-	-	-	-	1	0.750	2	1.499

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	LEPROSY		WHOOPING COUGH		MENINGOCOCCAL INFECTION		TETANUS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	4	0.067	-	-	16	0.267	78	1.303
Aklan	-	-	-	-	2	0.471	7	1.649
Antique	-	-	-	-	1	0.224	4	0.895
Capiz	-	-	-	-	-	-	5	0.961
Guimaras	-	-	-	-	-	-	1	0.764
Iloilo	3	0.205	-	-	6	0.410	25	1.708
Negros Occidental	-	-	-	-	4	0.283	15	1.063
Bacolod City	1	0.236	-	-	-	-	2	0.471
Bago City	-	-	-	-	-	-	4	2.880
Cadiz City	-	-	-	-	-	-	5	3.937
Iloilo City	-	-	-	-	2	0.574	2	0.574
La Carlota City	-	-	-	-	-	-	1	1.737
Roxas City	-	-	-	-	-	-	2	1.592
Sagay City	-	-	-	-	-	-	2	1.514
San Carlos City	-	-	-	-	-	-	2	1.938
Silay City	-	-	-	-	1	0.769	1	0.769
Region 7	5	0.096	-	-	23	0.441	60	1.150
Bohol	-	-	-	-	3	0.313	7	0.731
Cebu	1	0.057	-	-	13	0.740	22	1.252
Negros Oriental	1	0.117	-	-	1	0.117	5	0.584
Siquijor	-	-	-	-	-	-	5	6.537
Bais City	-	-	-	-	1	1.540	2	3.080
Canlaon City	1	2.327	-	-	-	-	-	-
Cebu City	-	-	-	-	4	0.580	11	1.594
Danao City	-	-	-	-	-	-	-	-
Dumaguete City	-	-	-	-	-	-	2	2.050
Lapu-Lapu City	1	0.535	-	-	1	0.535	2	1.069
Mandawe City	-	-	-	-	-	-	-	-
Tagbilaran City	-	-	-	-	-	-	1	1.385
Toledo City	1	0.780	-	-	-	-	3	2.339
Region 8	2	0.057	-	-	6	0.171	37	1.053
Biliran	-	-	-	-	-	-	3	2.172
Leyte Del Norte	1	0.080	-	-	2	0.160	12	0.961
Leyte Del Sur	1	0.302	-	-	-	-	4	1.207
Eastern Samar	-	-	-	-	-	-	1	0.266
Northern Samar	-	-	-	-	2	0.423	8	1.694
Western Samar	-	-	-	-	-	-	2	0.418
Calbayog City	-	-	-	-	-	-	3	2.222
Ormoc City	-	-	-	-	1	0.658	2	1.315
Tacloban City	-	-	-	-	1	0.552	2	1.104

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	LEPROSY		WHOOPIING COUGH		MENINGOCOCCAL INFECTION		TETANUS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	2	0.068	1	0.034	3	0.102	38	1.296
Basilan	-	-	-	-	-	-	3	0.980
Zamboanga Del Norte	-	-	-	-	-	-	5	0.774
Zamboanga Del Sur	-	-	1	0.088	2	0.176	21	1.846
Dapitan City	-	-	-	-	-	-	1	1.530
Dipolog City	-	-	-	-	-	-	-	-
Pagadian City	1	0.747	-	-	1	0.747	1	0.747
Zamboanga City	1	0.183	-	-	-	-	7	1.281
Region 10	2	0.077	-	-	6	0.231	23	0.887
Bukidnon	-	-	-	-	2	0.201	10	1.006
Camiguin	-	-	-	-	1	1.432	1	1.432
Misamis Occidental	-	-	-	-	-	-	3	1.151
Misamis Oriental	2	0.390	-	-	1	0.195	5	0.974
Cagayan de Oro	-	-	-	-	1	0.219	2	0.438
Gingoog City	-	-	-	-	1	1.131	1	1.131
Oroquieta City	-	-	-	-	-	-	-	-
Ozamis City	-	-	-	-	-	-	1	0.945
Tangub City	-	-	-	-	-	-	-	-
Region 11	-	-	-	-	10	0.206	62	1.280
Cotabato South	-	-	-	-	-	-	14	2.143
Davao Oriental	-	-	-	-	-	-	1	0.234
Davao Del Norte	-	-	-	-	2	0.159	22	1.749
Davao Del Sur	-	-	-	-	3	4.318	9	12.954
Saranggani	-	-	-	-	1	0.256	2	0.512
Davao City	-	-	-	-	3	0.282	7	0.659
Gen. Santos City	-	-	-	-	1	0.278	7	1.945
Region 12	3	0.121	1	0.040	2	0.081	30	1.213
Lanao Del Norte	1	0.218	1	0.218	1	0.218	4	0.872
North Cotabato	-	-	-	-	-	-	12	1.327
Sultan Kudarat	-	-	-	-	-	-	8	1.458
Cotabato City	-	-	-	-	-	-	2	1.305
Iligan City	2	0.690	-	-	1	0.345	4	1.379
Marawi City	-	-	-	-	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	LEPROSY		WHOOPING COUGH		MENINGOCOCCAL INFECTION		TETANUS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	1	0.048	-	-	1	0.048	3	0.144
Lanao Del Sur	-	-	-	-	-	-	-	-
Maguindanao	-	-	-	-	1	0.145	3	0.434
Sulu	1	0.186	-	-	-	-	-	-
Tawi-Tawi	NR		NR		NR		NR	
Caraga	1	0.049	-	-	2	0.098	19	0.934
Agusan Del Norte	-	-	-	-	-	-	2	0.723
Agusan Del Sur	-	-	-	-	-	-	2	0.361
Surigao Del Norte	-	-	-	-	-	-	6	1.728
Surigao Del Sur	1	0.205	-	-	-	-	4	0.819
Butuan City	-	-	-	-	1	0.388	4	1.554
Surigao City	-	-	-	-	1	0.908	1	0.908
NOT STATED	-	*	-	*	1	*	-	*

* Population Unknown

NR - No Report

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ENTERITIS & OTHER DIARRHEAL DISEASES		TB RESPIRATORY		TB MENINGITIS		TB OTHER FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	3,493	4.882	25,254	35.296	535	0.748	392	0.548
NCR	529	5.394	3,759	38.326	171	1.743	67	0.683
City of Manila	93	5.758	1,010	62.538	40	2.477	14	0.867
Manila, 2nd District	5	0.830	27	4.481	-	-	-	-
Mandaluyong City	10	3.453	101	34.873	8	2.762	2	0.691
Pasig City	20	4.042	181	36.585	7	1.415	4	0.808
Quezon City	109	5.323	525	25.639	33	1.612	16	0.781
Marikina City	16	4.244	148	39.253	6	1.591	2	0.530
Manila, 3rd District	66	6.182	425	39.807	23	2.154	7	0.656
Kalookan City	62	5.694	465	42.709	20	1.837	3	0.276
Manila, 4th District	113	8.521	575	43.359	23	1.734	9	0.679
Makati City	16	32.916	149	306.528	8	16.458	7	14.401
Pasay City	19	4.603	153	37.069	3	0.727	3	0.727
C.A.R.	61	4.653	234	17.848	12	0.915	4	0.305
Abra	15	7.461	79	39.294	-	-	-	-
Apayao	4	4.584	20	22.922	2	2.292	1	1.146
Benguet	18	5.561	42	12.975	4	1.236	1	0.309
Ifugao	7	4.481	24	15.363	1	0.640	-	-
Kalinga	5	3.116	23	14.333	-	-	2	1.246
Mt. Province	10	7.402	20	14.804	1	0.740	-	-
Baguio City	2	0.809	26	10.515	4	1.618	-	-
Region 1	215	5.466	1,712	43.521	22	0.559	14	0.356
Ilocos Norte	21	5.196	125	30.926	-	-	-	-
Ilocos Sur	18	3.222	217	38.847	4	0.716	1	0.179
La Union	27	4.347	285	45.887	9	1.449	4	0.644
Pangasinan	121	6.074	921	46.235	6	0.301	8	0.402
Dagupan City	12	9.237	54	41.569	3	2.309	-	-
Laoag City	6	6.600	21	23.099	-	-	-	-
San Carlos City	10	7.194	89	64.028	-	-	1	0.719
Region 2	128	4.846	806	30.516	7	0.265	15	0.568
Batanes	1	6.901	4	27.605	-	-	-	-
Cagayan	58	6.262	417	45.023	3	0.324	5	0.540
Isabela	40	3.607	257	23.177	2	0.180	4	0.361
Nueva Vizcaya	14	4.005	63	18.023	1	0.286	4	1.144
Quirino	8	5.777	37	26.718	-	-	1	0.722
Santiago City	7	6.753	28	27.010	1	0.965	1	0.965

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ENTERITIS & OTHER DIARRHEAL DISEASES		TB RESPIRATORY		TB MENINGITIS		TB OTHER FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	256	3.544	2,780	38.488	46	0.637	54	0.748
Bataan	20	3.896	238	46.367	9	1.753	1	0.195
Bulacan	88	4.698	727	38.814	16	0.854	20	1.068
Nueva Ecija	32	2.622	412	33.762	3	0.246	4	0.328
Pampanga	36	2.454	430	29.312	10	0.682	9	0.614
Tarlac	32	3.264	473	48.245	2	0.204	10	1.020
Zambales	17	4.184	189	46.515	3	0.738	4	0.984
Angeles City	10	4.140	111	45.957	-	-	1	0.414
Cabanatuan City	5	2.385	70	33.386	1	0.477	1	0.477
Olangapo City	7	3.860	83	45.766	2	1.103	1	0.551
Palayan City	2	6.879	7	24.077	-	-	-	-
San Jose City	7	6.920	40	39.542	-	-	3	2.966
Region 4	528	5.042	3,930	37.527	71	0.678	56	0.535
Aurora	3	1.783	66	39.228	2	1.189	-	-
Batangas	36	2.764	425	32.632	5	0.384	6	0.461
Cavite	86	5.514	485	31.094	11	0.705	7	0.449
Laguna	62	4.038	665	43.314	4	0.261	6	0.391
Marinduque	10	4.913	148	72.715	-	-	3	1.474
Mindoro Occidental	23	6.512	101	28.596	3	0.849	1	0.283
Mindoro Oriental	16	2.525	199	31.404	5	0.789	2	0.316
Palawan	22	4.096	111	20.665	3	0.559	2	0.372
Quezon	85	6.024	567	40.180	13	0.921	9	0.638
Rizal	132	9.078	674	46.355	13	0.894	8	0.550
Romblon	14	5.582	147	58.608	5	1.993	2	0.797
Batangas City	4	1.826	73	33.330	3	1.370	1	0.457
Cavite City	2	2.185	45	49.162	1	1.092	3	3.277
Lipa City	7	3.810	50	27.211	1	0.544	-	-
Lucena City	6	3.199	58	30.928	-	-	2	1.066
Puerto Princessa City	11	7.881	38	27.225	-	-	2	1.433
San Pablo City	6	3.156	71	37.343	2	1.052	2	1.052
Tagaytay City	2	6.578	2	6.578	-	-	-	-
Trece Martires City	1	4.709	5	23.547	-	-	-	-
Region 5	231	5.147	1,896	42.248	54	1.203	28	0.624
Albay	21	2.348	461	51.538	12	1.342	5	0.559
Camarines Norte	51	11.034	209	45.216	3	0.649	3	0.649
Camarines Sur	42	3.284	548	42.843	18	1.407	8	0.625
Catanduanes	22	10.465	114	54.226	4	1.903	1	0.476
Masbate	52	7.784	169	25.298	1	0.150	3	0.449
Sorsogon	24	3.956	250	41.204	8	1.319	6	0.989
Iriga City	5	5.951	22	26.186	-	-	-	-
Legaspi City	10	6.686	61	40.785	2	1.337	1	0.669
Naga City	4	2.999	62	46.478	6	4.498	1	0.750

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ENTERITIS & OTHER DIARRHEAL DISEASES		TB RESPIRATORY		TB MENINGITIS		TB OTHER FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region-6	343	5.731	3,263	54.515	39	0.652	56	0.936
Aklan	15	3.533	223	52.524	1	0.236	1	0.236
Antique	34	7.609	248	55.503	2	0.448	2	0.448
Capiz	38	7.303	185	35.553	-	-	4	0.769
Guimaras	1	0.764	51	38.943	-	-	3	2.291
Iloilo	79	5.396	744	50.816	6	0.410	10	0.683
Negros Occidental	81	5.739	943	66.815	6	0.425	13	0.921
Bacolod City	29	6.836	211	49.735	10	2.357	3	0.707
Bago City	14	10.080	110	79.201	1	0.720	8	5.760
Cadiz City	5	3.937	107	84.254	5	3.937	1	0.787
Iloilo City	14	4.016	172	49.345	2	0.574	2	0.574
La Carlota City	3	5.210	32	55.576	-	-	-	-
Roxas City	8	6.367	47	37.405	2	1.592	6	4.775
Sagay City	11	8.326	40	30.276	1	0.757	1	0.757
San Carlos City	5	4.846	57	55.242	1	0.969	-	-
Silay City	6	4.612	93	71.487	2	1.537	2	1.537
Region 7	304	5.828	1,517	29.081	24	0.460	28	0.537
Bohol	85	8.871	382	39.867	3	0.313	3	0.313
Cebu	75	4.270	356	20.267	7	0.399	9	0.512
Negros Oriental	41	4.785	177	20.657	3	0.350	1	0.117
Siquijor	1	1.307	68	88.904	-	-	-	-
Bais City	1	1.540	19	29.256	-	-	-	-
Canlaon City	8	18.616	38	88.428	-	-	-	-
Cebu City	45	6.523	293	42.471	3	0.435	11	1.594
Danao City	10	11.984	18	21.571	1	1.198	1	1.198
Dumaguete City	6	6.149	36	36.895	3	3.075	-	-
Lapu-Lapu City	6	3.208	44	23.528	2	1.069	1	0.535
Mandawe City	6	2.969	42	20.780	-	-	2	0.990
Tagbilaran City	3	4.154	24	33.229	1	1.385	-	-
Toledo City	17	13.252	20	15.590	1	0.780	-	-
Region 8	244	6.946	1,298	36.952	11	0.313	21	0.598
Biliran	9	6.516	45	32.580	1	0.724	-	-
Leyte Del Norte	65	5.206	460	36.843	3	0.240	4	0.320
Leyte Del Sur	29	8.750	180	54.309	5	1.509	10	3.017
Eastern Samar	12	3.196	69	18.375	-	-	1	0.266
Northern Samar	77	16.301	234	49.538	2	0.423	2	0.423
Western Samar	10	2.090	93	19.438	-	-	-	-
Calbayog City	6	4.444	47	34.809	-	-	-	-
Ormoc City	10	6.577	69	45.384	-	-	3	1.973
Tacloban City	26	14.349	101	55.739	-	-	1	0.552

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ENTERITIS & OTHER DIARRHEAL DISEASES		TB RESPIRATORY		TB MENINGITIS		TB OTHER FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	137	4.674	606	20.675	9	0.307	7	0.239
Basilan	8	2.613	37	12.087	2	0.653	1	0.327
Zamboanga Del Norte	26	4.025	127	19.662	3	0.464	1	0.155
Zamboanga Del Sur	44	3.868	219	19.252	2	0.176	4	0.352
Dapitan City	5	7.649	31	47.424	-	-	-	-
Dipolog City	12	12.517	26	27.121	1	1.043	-	-
Pagadian City	3	2.241	24	17.925	-	-	-	-
Zamboanga City	39	7.138	142	25.991	1	0.183	1	0.183
Region 10	95	3.663	687	26.488	9	0.347	8	0.308
Bukidnon	19	1.911	106	10.659	1	0.101	-	-
Camiguin	-	-	36	51.560	-	-	-	-
Misamis Occidental	9	3.453	108	41.435	2	0.767	1	0.384
Misamis Oriental	25	4.871	184	35.848	5	0.974	-	-
Cagayan de Oro	23	5.037	122	26.720	-	-	3	0.657
Gingoog City	1	1.131	30	33.923	-	-	-	-
Oroquieta City	3	5.210	35	60.788	1	1.737	2	3.474
Ozamis City	12	11.337	44	41.570	-	-	1	0.945
Tangub City	3	6.390	22	46.863	-	-	1	2.130
Region 11	210	4.334	1,379	28.461	33	0.681	18	0.372
Cotabato South	21	3.215	198	30.314	1	0.153	3	0.459
Davao Oriental	13	3.040	91	21.281	3	0.702	4	0.935
Davao Del Norte	73	5.805	385	30.614	6	0.477	6	0.477
Davao Del Sur	28	40.303	179	257.650	5	7.197	1	1.439
Saranggani	8	2.049	37	9.476	-	-	-	-
Davao City	42	3.954	362	34.082	11	1.036	2	0.188
Gen. Santos City	25	6.945	127	35.280	7	1.945	2	0.556
Region 12	103	4.164	669	27.047	14	0.566	8	0.323
Lanao Del Norte	14	3.051	113	24.624	-	-	1	0.218
North Cotabato	17	1.880	204	22.561	5	0.553	1	0.111
Sultan Kudarat	16	2.917	172	31.356	4	0.729	4	0.729
Cotabato City	9	5.872	41	26.749	1	0.652	-	-
Iligan City	21	7.242	105	36.211	4	1.379	2	0.690
Marawi City	26	21.937	34	28.687	-	-	-	-

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	ENTERITIS & OTHER DIARRHEAL DISEASES		TB RESPIRATORY		TB MENINGITIS		TB OTHER FORMS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	17	0.817	99	4.760	1	0.048	2	0.096
Lanao Del Sur	9	1.515	44	7.407	-	-	2	0.337
Maguindanao	6	0.869	31	4.487	1	0.145	-	-
Sulu	2	0.371	18	3.343	-	-	-	-
Tawi-Tawi	-	-	6	2.339	-	-	-	-
Caraga	92	4.521	593	29.142	10	0.491	4	0.197
Agusan Del Norte	17	6.143	72	26.016	1	0.361	1	0.361
Agusan Del Sur	6	1.082	64	11.538	2	0.361	-	-
Surigao Del Norte	16	4.607	160	46.070	2	0.576	1	0.288
Surigao Del Sur	25	5.117	181	37.045	1	0.205	1	0.205
Butuan City	21	8.157	60	23.305	2	0.777	1	0.388
Surigao City	7	6.356	56	50.846	2	1.816	-	-
NOT STATED	0	*	26	*	2	*	2	*

* population unknown

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	DISORDER OF THE HEART		DIPHTHERIA		ACCIDENTS		OTHERS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
PHILIPPINES	2,271	3.174	30	0.042	10,621	14.844	223,793	312.779
NCR	427	4.354	11	0.112	1,090	11.113	35,019	357.046
City of Manila	87	5.387	2	0.124	202	12.508	7,539	466.809
Manila, 2nd District	4	0.664	-	-	10	1.660	474	78.670
Mandaluyong City	10	3.453	-	-	23	7.941	1,056	364.616
Pasig City	28	5.659	1	0.202	52	10.510	1,766	356.952
Quezon City	103	5.030	3	0.147	245	11.965	7,005	342.097
Marikina City	13	3.448	1	0.265	37	9.813	1,238	328.349
Manila, 3rd District	36	3.372	1	0.094	139	13.019	3,799	355.824
Kalookan City	51	4.684	1	0.092	105	9.644	3,554	326.423
Manila, 4th District	55	4.147	2	0.151	178	13.423	5,632	424.696
Makati City	21	43.202	-	-	57	117.262	1,587	3,264.828
Pasay City	19	4.603	-	-	42	10.176	1,369	331.686
C.A.R.	39	2.975	1	0.076	233	17.772	3,034	231.419
Abra	9	4.476	-	-	37	18.403	672	334.244
Apayao	-	-	-	-	21	24.068	123	140.968
Benguet	8	2.471	-	-	56	17.300	703	217.177
Ifugao	3	1.920	-	-	29	18.564	300	192.039
Kalinga	4	2.493	-	-	24	14.956	180	112.173
Mt. Province	2	1.480	-	-	31	22.947	332	245.751
Baguio City	13	5.258	1	0.404	35	14.155	724	292.812
Region 1	219	5.567	3	0.076	837	21.278	16,923	430.203
Ilocos Norte	13	3.216	-	-	80	19.793	2,626	649.702
Ilocos Sur	25	4.475	-	-	141	25.242	2,734	489.439
La Union	39	6.279	1	0.161	172	27.693	7,941	1,278.546
Pangasinan	116	5.823	2	0.100	374	18.775	7,931	398.139
Dagupan City	12	9.237	-	-	24	18.475	627	482.657
Laoag City	1	1.100	-	-	23	25.299	387	425.677
San Carlos City	13	9.352	-	-	23	16.547	598	430.213
Region 2	105	3.975	1	0.038	460	17.416	7,402	280.248
Batanes	1	6.901	-	-	2	13.803	68	469.289
Cagayan	44	4.751	-	-	177	19.110	3,160	341.181
Isabela	45	4.058	1	0.090	164	14.790	2,326	209.764
Nueva Vizcaya	12	3.433	-	-	65	18.595	1,011	289.230
Quirino	3	2.166	-	-	25	18.053	375	270.789
Santiago City	-	-	-	-	27	26.046	462	445.671

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	DISORDER OF THE HEART		DIPHTHERIA		ACCIDENTS		OTHERS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 3	269	3.724	2	0.028	1,234	17.084	25,456	352.424
Bataan	13	2.533	1	0.195	98	19.092	1,729	336.843
Bulacan	73	3.897	1	0.053	378	20.181	7,346	392.199
Nueva Ecija	45	3.688	-	-	193	15.816	3,936	322.545
Pampanga	37	2.522	-	-	192	13.088	4,478	305.254
Tarlac	53	5.406	-	-	172	17.544	3,700	377.390
Zambales	19	4.676	-	-	85	20.919	1,518	373.595
Angeles City	10	4.140	-	-	22	9.109	856	354.410
Cabanatuan City	9	4.293	-	-	36	17.170	807	384.894
Olangapo City	5	2.757	-	-	29	15.990	647	356.751
Palayan City	2	6.879	-	-	7	24.077	80	275.169
San Jose City	3	2.966	-	-	22	21.748	359	354.890
Region 4	333	3.180	2	0.019	1,568	14.973	36,590	349.395
Aurora	4	2.377	-	-	18	10.698	472	280.537
Batangas	43	3.302	-	-	206	15.817	5,125	393.509
Cavite	50	3.206	-	-	243	15.579	5,225	334.980
Laguna	42	2.736	1	0.065	221	14.395	5,535	360.515
Marinduque	8	3.931	-	-	25	12.283	986	484.442
Mindoro Occidental	10	2.831	-	-	33	9.343	786	222.542
Mindoro Oriental	26	4.103	-	-	86	13.572	1,925	303.785
Palawan	8	1.489	-	-	50	9.309	808	150.425
Quezon	47	3.331	-	-	311	22.039	5,573	394.929
Rizal	55	3.783	1	0.069	120	8.253	4,796	329.851
Romblon	10	3.987	-	-	42	16.745	898	358.030
Batangas City	6	2.739	-	-	40	18.263	905	413.204
Cavite City	7	7.647	-	-	17	18.572	437	477.413
Lipa City	-	-	-	-	39	21.225	777	422.859
Lucena City	10	5.332	-	-	32	17.063	835	445.250
Puerto Princessa City	3	2.149	-	-	29	20.777	386	276.548
San Pablo City	4	2.104	-	-	45	23.668	918	482.833
Tagaytay City	-	-	-	-	7	23.023	98	322.315
Trece Martires City	-	-	-	-	4	18.838	105	494.490
Region 5	158	3.521	1	0.022	771	17.180	14,960	333.350
Albay	30	3.354	-	-	140	15.651	3,405	380.665
Camarines Norte	20	4.327	-	-	109	23.582	1,658	358.701
Camarines Sur	56	4.378	-	-	184	14.385	3,711	290.127
Catanduanes	7	3.330	-	-	39	18.551	801	381.006
Masbate	11	1.647	-	-	106	15.868	1,349	201.938
Sorsogon	19	3.132	-	-	129	21.261	2,457	404.955
Iriga City	3	3.571	-	-	22	26.186	429	510.635
Legaspi City	4	2.674	-	-	20	13.372	620	414.538
Naga City	8	5.997	1	0.750	22	16.492	530	397.310

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	DISORDER OF THE HEART		DIPHTHERIA		ACCIDENTS		OTHERS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 6	218	3.642	1	0.017	892	14.903	20,295	339.069
Aklan	15	3.533	-	-	88	20.727	1,773	417.605
Antique	15	3.357	-	-	74	16.561	1,659	371.285
Capiz	28	5.381	-	-	66	12.684	1,848	355.141
Guimaras	3	2.291	-	-	17	12.981	327	249.693
Iloilo	65	4.440	1	0.068	203	13.865	5,480	374.288
Negros Occidental	35	2.480	-	-	190	13.462	3,712	263.010
Bacolod City	19	4.479	-	-	76	17.914	1,414	333.296
Bago City	5	3.600	-	-	32	23.040	460	331.205
Cadiz City	7	5.512	-	-	26	20.473	397	312.606
Iloilo City	8	2.295	-	-	27	7.746	1,525	437.503
La Carlota City	3	5.210	-	-	9	15.631	206	357.769
Roxas City	5	3.979	-	-	13	10.346	544	432.945
Sagay City	1	0.757	-	-	33	24.977	278	210.415
San Carlos City	1	0.969	-	-	18	17.445	357	345.991
Silay City	8	6.149	-	-	20	15.373	315	242.133
Region 7	119	2.281	1	0.019	730	13.994	19,334	370.629
Bohol	34	3.548	1	0.104	133	13.881	3,897	406.710
Cebu	30	1.708	-	-	260	14.801	7,054	401.575
Negros Oriental	6	0.700	-	-	102	11.904	1,948	227.348
Siquijor	1	1.307	-	-	11	14.382	377	492.894
Bais City	-	-	-	-	15	23.096	177	272.538
Canlaon City	1	2.327	-	-	1	2.327	130	302.516
Cebu City	22	3.189	-	-	90	13.046	2,833	410.649
Danao City	1	1.198	-	-	16	19.174	326	390.676
Dumaguete City	2	2.050	-	-	20	20.497	410	420.198
Lapu-Lapu City	6	3.208	-	-	27	14.437	753	402.644
Mandawe City	8	3.958	-	-	24	11.874	706	349.294
Tagbilaran City	2	2.769	-	-	13	17.999	274	379.360
Toledo City	6	4.677	-	-	18	14.031	449	350.005
Region 8	85	2.420	1	0.028	525	14.946	9,826	279.732
Biliran	2	1.448	-	-	27	19.548	422	305.527
Leyte Del Norte	28	2.243	1	0.080	172	13.776	3,502	280.491
Leyte Del Sur	17	5.129	-	-	48	14.482	1,399	422.104
Eastern Samar	2	0.533	-	-	45	11.984	563	149.933
Northern Samar	13	2.752	-	-	97	20.535	1,679	355.448
Western Samar	8	1.672	-	-	52	10.869	761	159.057
Calbayog City	2	1.481	-	-	21	15.553	339	251.068
Ormoc City	3	1.973	-	-	30	19.732	412	270.988
Tacloban City	10	5.519	-	-	33	18.212	749	413.351

Table 24

**SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997**

AREA	DISORDER OF THE HEART		DIPHTHERIA		ACCIDENTS		OTHERS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
Region 9	38	1.296	-	-	361	12.316	5,867	200.169
Basilan	-	-	-	-	22	7.187	403	131.654
Zamboanga Del Norte	5	0.774	-	-	82	12.695	1,183	183.148
Zamboanga Del Sur	5	0.440	-	-	127	11.165	1,865	163.953
Dapitan City	3	4.589	-	-	7	10.709	226	345.735
Dipolog City	2	2.086	-	-	25	26.078	321	334.842
Pagadian City	-	-	-	-	17	12.697	288	215.096
Zamboanga City	23	4.210	-	-	81	14.826	1,581	289.375
Region 10	54	2.082	-	-	479	18.469	6,735	259.679
Bukidnon	10	1.006	-	-	151	15.184	1,492	150.030
Camiguin	6	8.593	-	-	13	18.619	279	399.588
Misamis Occidental	7	2.686	-	-	54	20.718	873	334.936
Misamis Oriental	15	2.922	-	-	140	27.276	1,436	279.772
Cagayan de Oro	14	3.066	-	-	62	13.579	1,311	287.132
Gingoog City	-	-	-	-	21	23.746	359	405.943
Oroquieta City	1	1.737	-	-	13	22.578	302	524.515
Ozamis City	1	0.945	-	-	16	15.116	485	458.217
Tangub City	-	-	-	-	9	19.171	198	421.770
Region 11	128	2.642	2	0.041	694	14.324	11,763	242.777
Cotabato South	27	4.134	-	-	111	16.994	1,594	244.045
Davao Oriental	10	2.339	-	-	60	14.032	859	200.887
Davao Del Norte	35	2.783	1	0.080	244	19.402	2,809	223.363
Davao Del Sur	10	14.394	1	1.439	79	113.712	1,861	2,678.700
Saranggani	4	1.024	-	-	36	9.220	429	109.872
Davao City	21	1.977	-	-	99	9.321	3,274	308.249
Gen. Santos City	21	5.834	-	-	63	17.501	937	260.297
Region 12	45	1.819	2	0.081	317	12.816	4,937	199.601
Lanao Del Norte	5	1.090	-	-	46	10.024	794	173.018
North Cotabato	18	1.991	-	-	119	13.160	1,770	195.746
Sultan Kudarat	14	2.552	1	0.182	79	14.402	1,019	185.769
Cotabato City	3	1.957	-	-	22	14.353	365	238.131
Iligan City	4	1.379	1	0.345	42	14.485	878	302.796
Marawi City	1	0.844	-	-	9	7.594	111	93.653

Table 24

SELECTED CAUSES OF DEATH
BY HEALTH REGION, PROVINCE & CITY
No. & Rate/100,000 Population
PHILIPPINES
1997

AREA	DISORDER OF THE HEART		DIPHTHERIA		ACCIDENTS		OTHERS	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
A.R.M.M.	8	0.385	1	0.048	82	3.943	843	40.535
Lanao Del Sur	2	0.337	1	0.168	19	3.199	238	40.066
Maguindanao	5	0.724	-	-	49	7.093	318	46.031
Sulu	-	-	-	-	11	2.043	223	41.422
Tawi-Tawi	1	0.390	-	-	3	1.170	64	24.954
Caraga	24	1.179	1	0.049	339	16.659	4,712	231.560
Agusan Del Norte	3	1.084	-	-	49	17.705	728	263.051
Agusan Del Sur	6	1.082	1	0.180	98	17.668	666	120.072
Surigao Del Norte	2	0.576	-	-	46	13.245	868	249.932
Surigao Del Sur	4	0.819	-	-	70	14.327	1,220	249.696
Butuan City	4	1.554	-	-	53	20.586	820	318.503
Surigao City	5	4.540	-	-	23	20.883	410	372.264
NOT STATED	2	*	-	*	9	*	97	*

* population unknown

TABLE 25

Mortality: 17 Cause Groups
Number & Rate/100,000 Population & Percent Distribution
Philippines
1997

Cause Group	Male	Female	Both Sexes	Rate	% of Total Deaths
Total Deaths from All Causes	201,700	137,700	339,400	474.4	100.0
Infective and parasitic diseases (A00-B94; B98-B99)	27,362	15,517	42,879	59.9	12.6
Malignant Neoplasm (C00-C97; D10-D36)	16,284	14,133	30,417	42.5	9.0
Endocrine, Nutritional and Metabolic Diseases (E00-E88; E90)	6,168	6,527	12,695	17.7	3.7
Diseases of Blood and Blood Forming Organs (D50-D89)	1,370	1,334	2,704	3.8	0.8
Mental Disorders (F00-F99)	291	255	546	0.8	0.2
Diseases of the Nervous System and Sense Organs (G00-G96; G98-G99; H00-H94)	2,462	1,831	4,293	6.0	1.3
Diseases of Circulatory System (I00-I13; I16-I22; I25-I64; I67-I96; I98-I99)	56,029	42,022	98,051	137.0	28.9
Diseases of the Respiratory System (J00-J94; J96-J99)	29,581	23,893	53,474	74.7	15.8
Diseases of Digestive System (K00-K90; K92-K99)	11,865	4,304	16,169	22.6	4.8
Diseases of Genito-Urinary System (N00-N98)	5,613	3,982	9,595	13.4	2.8
Complication of pregnancy and the puerperium (O00-O07; O09-O79; O85-O99)		1,513	1,513	2.1	0.4
Diseases of the skin and subcutaneous tissues (L00-L99)	451	560	1,011	1.4	0.3
Diseases of musculoskeletal system and connective tissue (M00-M95; M97-M99)	597	459	1,056	1.5	0.3
Congenital Anomalies (Q00-Q99)	3,002	1,968	4,970	6.9	1.5
Certain conditions originating in the perinatal period (P00-P96)	8,467	5,712	14,179	19.8	4.2
Symptoms and ill-defined conditions (R00-R68; R70-R99)	8,347	8,126	16,473	23.0	4.9
Accidents, violence other external causes of poisoning & injury (V00-Y89)	23,811	5,564	29,375	41.1	8.7

TABLE 26

**MORTALITY : COMMUNICABLE DISEASES, MALIGNANT NEOPLASMS
AND DISEASES OF THE HEART**
No. & Rate/100,000 Pop.
PHILIPPINES
1950-1997

YEAR	COMMUNICABLE DISEASES		MALIGNANT NEOPLASMS		DISEASES OF THE HEART	
	Number	Rate	Number	Rate	Number	Rate
1997	73,940	103.3	29,677	41.5	54,787	76.6
1996	82,902	118.5	30,339	43.4	53,865	77.0
1995	80,193	116.9	28,487	41.5	50,252	73.2
1994	74,635	108.8	28,110	41.0	50,307	73.3
1993	88,920	132.8	25,399	37.9	48,582	72.5
1992	87,715	134.2	23,946	36.6	49,022	75.0
1991	80,513	126.6	22,384	35.2	46,381	72.9
1990	91,349	147.2	25,738	41.5	46,272	74.6
1989	104,525	173.9	21,933	36.5	44,856	74.6
1988	98,997	168.6	21,184	36.1	40,566	69.1
1987	111,383	194.2	20,367	35.5	38,840	67.7
1986	104,792	187.1	18,395	32.8	39,163	69.9
1985	112,998	206.7	18,143	33.2	36,242	66.3
1984	101,119	190.1	17,700	33.3	31,347	58.9
1983	110,513	215.0	17,997	35.0	32,320	62.9
1982	103,868	202.2	16,832	32.8	36,819	71.7
1981	104,740	211.4	16,059	32.4	34,055	68.7
1980	105,281	217.9	16,019	33.2	29,355	60.8
1979	127,453	273.6	15,449	33.2	29,473	63.3
1978	127,413	279.9	14,158	31.1	25,768	56.6
1977	122,266	271.7	13,977	31.1	28,006	62.2
1976	119,738	273.7	13,173	30.1	25,988	59.4
1975	100,299	235.9	12,493	29.4	24,060	56.6
1974	119,394	288.0	12,469	30.1	23,522	56.7
1973	119,737	297.7	11,490	28.6	19,474	48.4
1972	119,268	305.5	10,268	26.3	16,971	43.5
1971	99,239	261.4	9,480	25.0	15,277	40.2
1970	109,103	296.1	9,485	25.7	12,531	34.0
1969	109,649	295.1	9,256	24.9	12,423	33.4
1968	110,024	306.6	8,712	24.3	12,347	34.4
1967	104,149	295.9	8,229	23.4	11,739	33.4
1966	110,046	328.7	7,382	22.1	10,514	31.4
1965	107,043	330.9	7,186	22.2	10,854	33.6
1964	95,308	304.8	6,658	21.3	8,930	28.6
1963	105,999	350.5	6,198	20.5	8,769	29.0
1962	96,715	330.6	6,347	21.7	8,209	28.1
1961	111,273	393.0	5,392	19.0	8,112	28.7
1960	112,075	408.9	4,982	18.2	7,570	27.6
1959	106,814	396.7	4,026	15.0	7,758	28.8
1958	119,451	457.7	4,100	15.7	7,887	30.2
1957	135,829	537.0	3,582	14.2	7,797	30.8
1956	120,223	490.4	3,528	14.4	8,423	34.4
1955	115,284	485.3	2,786	11.7	5,559	23.4
1954	122,671	532.8	2,550	11.1	4,942	21.5
1953	140,241	628.4	2,404	10.8	4,769	21.4
1952	133,830	618.8	2,201	10.2	4,430	20.5
1951	137,830	657.5	1,985	9.5	4,282	20.4
1950	130,849	645.0	1,748	8.6	3,808	18.8

MORTALITY TREND: Communicable Diseases, Malignant Neoplasms & Diseases of the Heart

Rate / 100,000 Population

Philippines, 1947-1997

Malignant Neoplasms &
Diseases of the Heart

Communicable Diseases

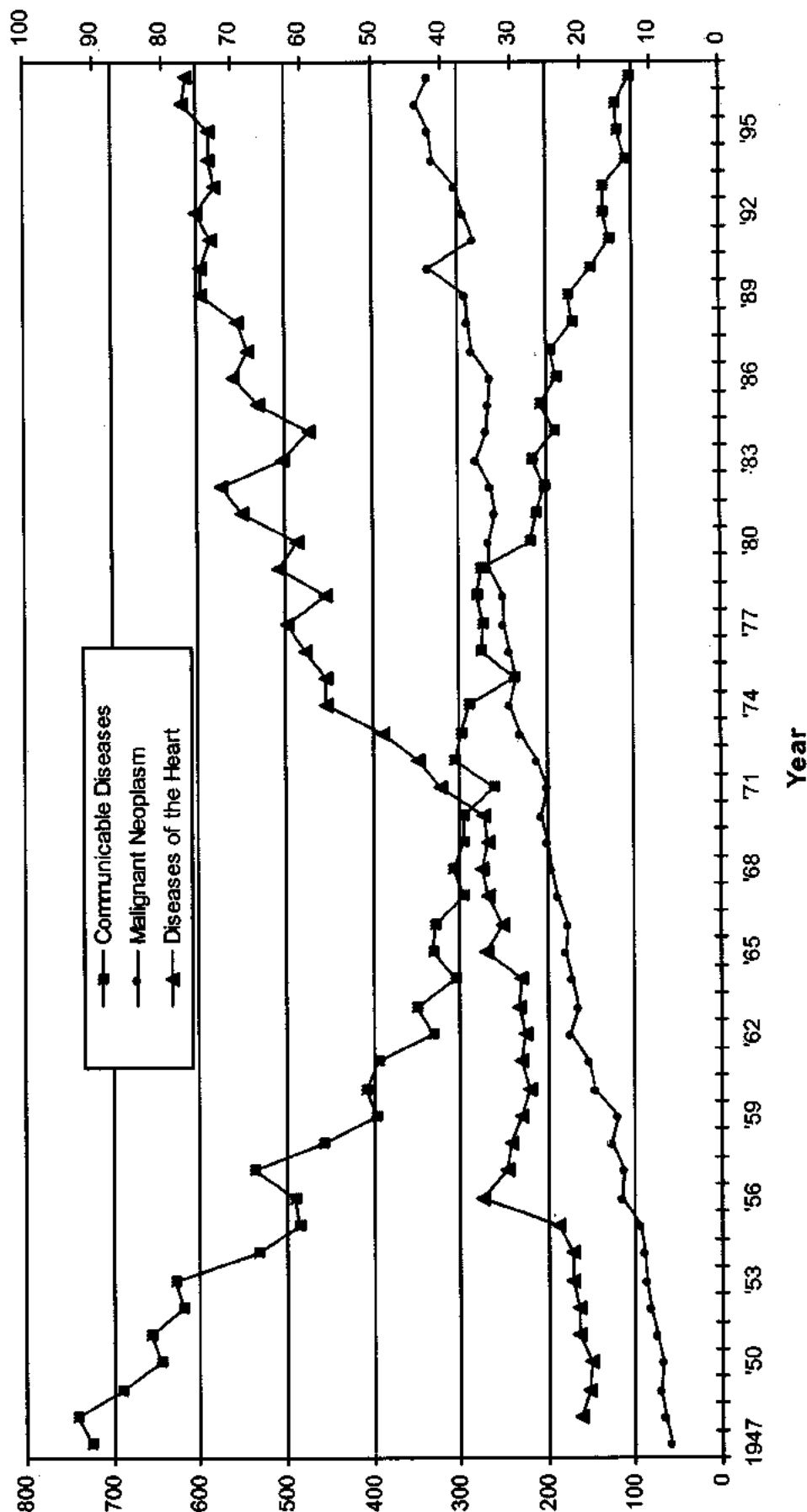


Fig. 23

TABLE 27

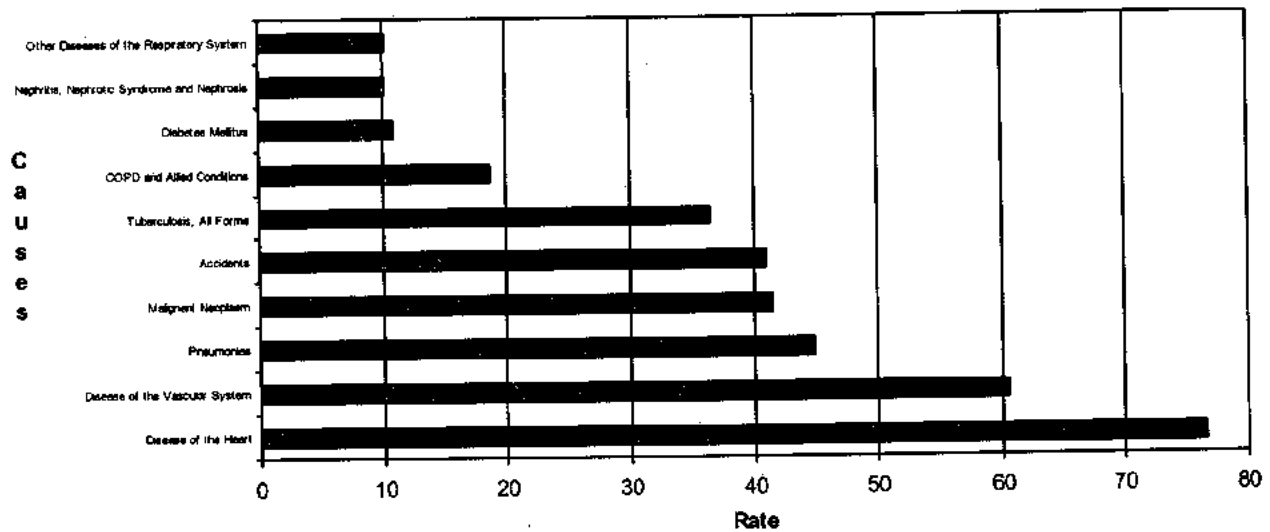
MORTALITY: TEN (10) LEADING CAUSES
No. & Rate/100,000 Pop.
PHILIPPINES
1977, 1987, 1997

CAUSE	1997	
	NUMBER	RATE
1. Diseases of the Heart	54,787	76.6
2. Diseases of the Vascular System	43,264	60.5
3. Pneumonia	32,193	45.0
4. Malignant Neoplasm	29,677	42.5
5. Accidents	29,375	41.1
6. Tuberculosis, All Forms	26,151	36.5
7. Chronic Obstructive Pulmonary Diseases and Allied Conditions	13,326	18.6
8. Diabetes Mellitus	7,783	10.9
9. Nephritis, Nephrotic Syndrome and Nephrosis	7,362	10.3
10. Other Diseases of the Respiratory System	7,340	10.3

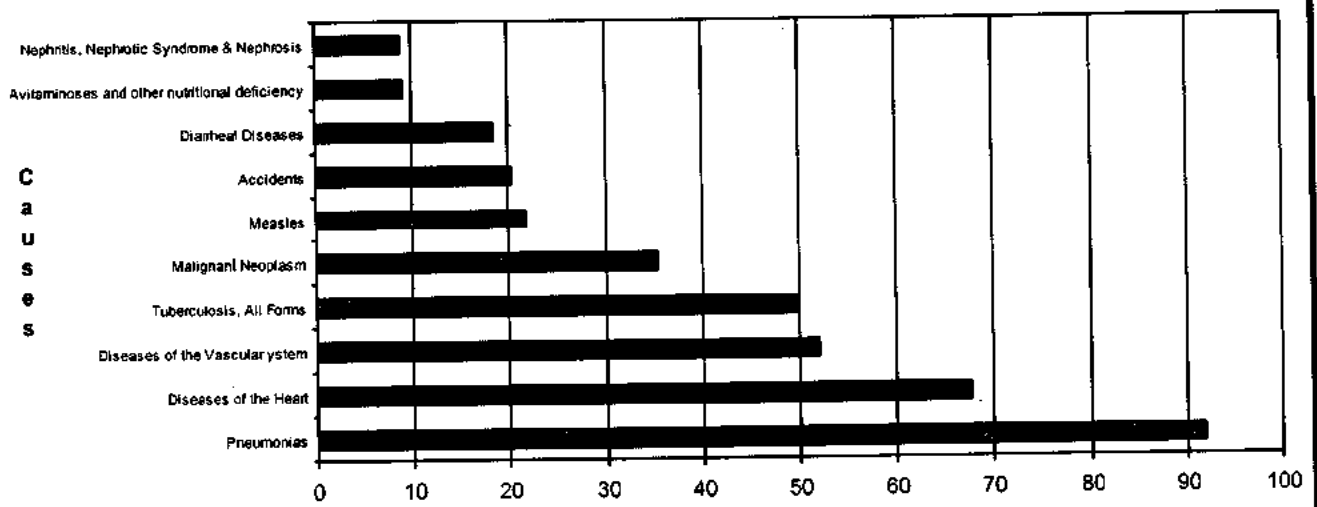
CAUSE	1987	
	NUMBER	RATE
1. Pneumonia	52,700	91.9
2. Diseases of the Heart	38,840	67.7
3. Diseases of the Vascular System	29,905	52.1
4. Tuberculosis, All Forms	28,697	50.0
5. Malignant Neoplasm	20,367	35.5
6. Measles	12,431	21.7
7. Accidents	11,630	20.3
8. Diarrheal Diseases	10,589	18.5
9. Avitaminoses and Other Nutritional Deficiency	5,229	9.1
10. Nephritis, Nephrotic Syndrome & Nephrosis	5,149	9.0

CAUSE	1977	
	NUMBER	RATE
1. Pneumonia	47,302	105.1
2. Tuberculosis, All Forms	31,805	70.7
3. Diseases of the Heart	28,006	62.2
4. Gastro-enteritis and Colitis	18,041	40.1
5. Diseases of the Vascular System	15,754	35.0
6. Malignant Neoplasm	13,977	31.1
7. Accidents	11,332	25.2
8. Avitaminoses and Other Nutritional Deficiency	10,027	22.3
9. Bronchitis, Emphysema and Asthma	6,347	14.1
10. Measles	5,293	11.8

Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 1997



Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 1987



Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 1977

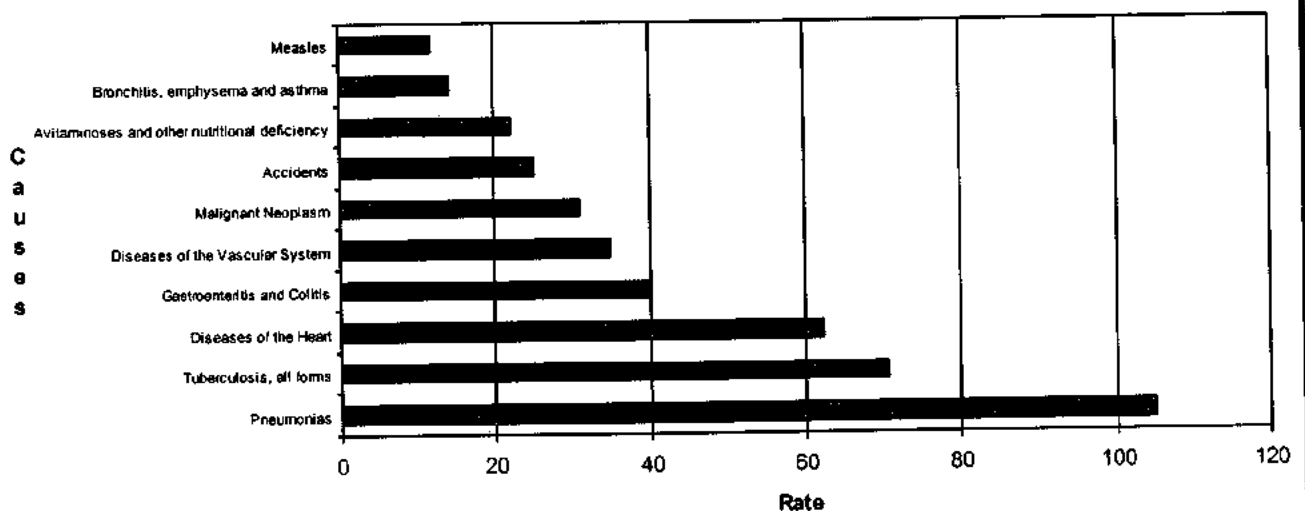


Fig. 24

TABLE 28

Infant Mortality: By Smaller Age Groups
Number & Rate/1000 Livebirths & Percentage Distribution
Philippines
5 - Year Average (1992-1996) & 1997

Age	5-Year Average (1992-1995)				1997			
	Number	Rate per 1000 L.B.	% of Neo-Natal Deaths	% of Infant Deaths	Number	Rate per 1000 L.B.	% of Neo-Natal Deaths	% of Infant Deaths
Under 1 Year	32,748	19.8		100.0	28,061	17.0		100.0
Under 28 Days	16,504	10.0	100.0	50.4	15,760	9.5	100.0	56.2
0 - 6 Days	12,988	7.9	78.7	39.7	12,568	7.6	79.7	44.8
7 - 13 Days	1,962	1.2	11.9	6.0	1,801	1.1	11.4	6.4
14 - 20 Days	897	0.5	5.4	2.7	784	0.5	5.0	2.8
21- 27 Days	657	0.4	4.0	2.0	607	0.4	3.9	2.2
28 Days to Under 1 Year	16,244	9.8		49.6	12,301	7.4		43.8
28 - 59 Days	3,004	1.8		9.2	2,326	1.4		8.3
2 Months	1,867	1.1		5.7	1,534	0.9		5.5
3 Months	1,404	0.8		4.3	1,133	0.7		4.0
4 Months	1,241	0.8		3.8	1,108	0.7		3.9
5 Months	1,173	0.7		3.6	959	0.6		3.4
6 Months	1,288	0.8		3.9	1,050	0.6		3.7
7 Months	1,340	0.8		4.1	945	0.6		3.4
8 Months	1,375	0.8		4.2	1,021	0.6		3.6
9 Months	1,233	0.7		3.8	847	0.5		3.0
10 Months	931	0.6		2.8	702	0.4		2.5
11 Months	1,388	0.8		4.2	676	0.4		2.4

Infant Deaths by Smaller Age-Groups
 Rate / 1,000 Livebirths
 Philippines, 1997

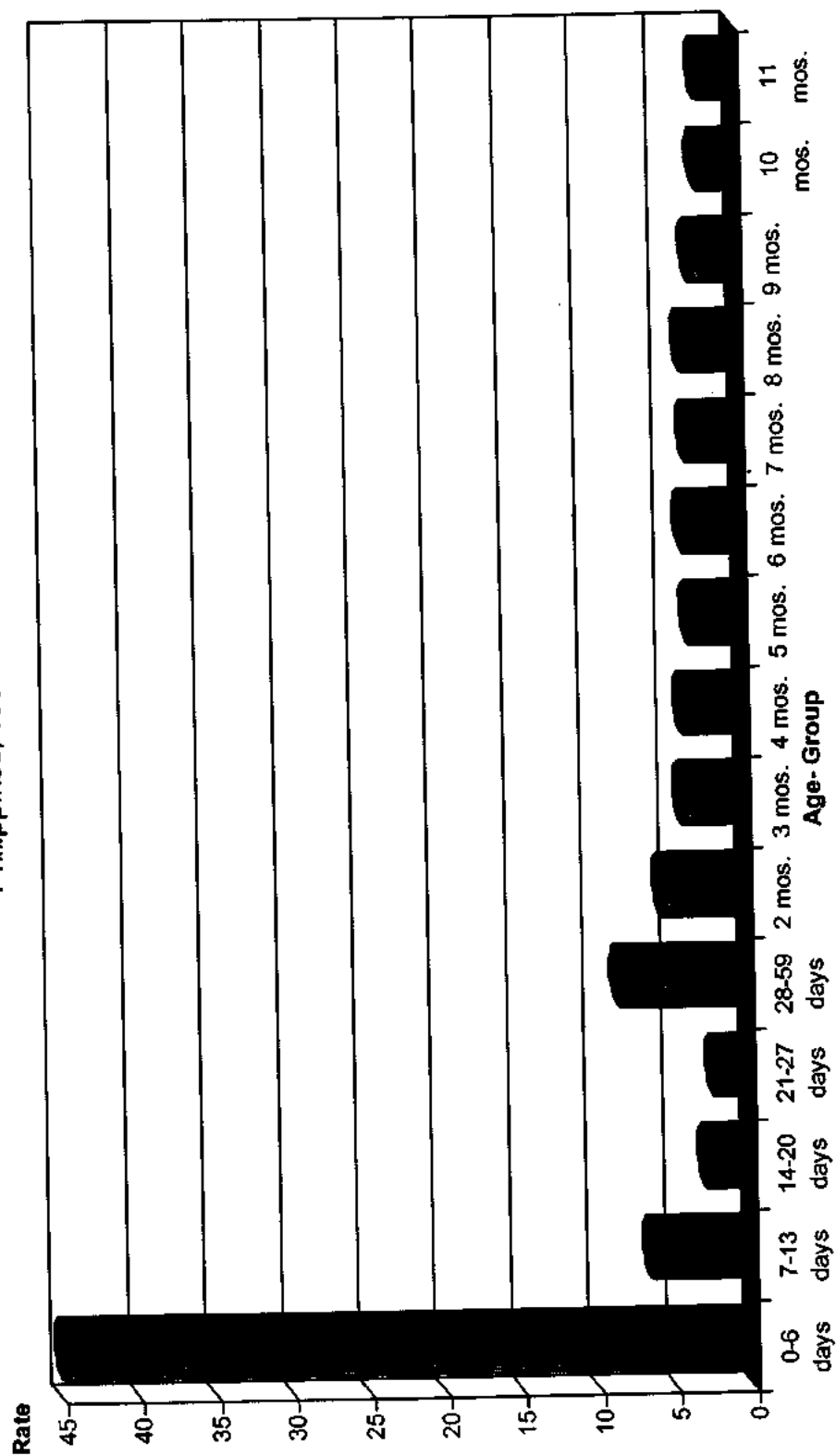


Fig. 25

TABLE 29

**Infant Mortality: Ten (10) Leading Causes
Number & Rate/1000 L.B. & Percentage Distribution
Philippines
5 - Year Average (1992-1996) and 1997**

Cause	5 - Year Average (1992- 1996)			1997		
	Number	Rate per 1000 l.b.	% of Infant Deaths	Number	Rate per 1000 l.b.	% of Infant Deaths
1. Respiratory Conditions of Fetus and Newborn (P22-P28;P35-P39)	5,637	3.4	17.2	5,514	3.3	19.7
2. Pneumonias (J12-J18)	6,898	4.2	21.1	4,703	2.8	16.8
3. Congenital Anomalies (Q00-Q99)	2,808	1.7	8.6	3,004	1.8	10.7
4. Birth Injury & Difficult Labor (P20-P21; P50;P51)	1,441	0.9	4.4	1,514	0.9	5.4
5. Diarrheal Diseases (A00-A09)	1,614	1.0	4.9	1,105	0.7	3.9
6. Septicemia (A41)	1,063	0.6	3.2	857	0.5	3.1
7. Measles (B05)	597	0.4	1.8	432	0.3	1.5
8. Meningitis (G00-G03)	501	0.3	1.5	417	0.3	1.5
9. Other Diseases of Respiratory System (J30-J39;J60-J64;J66-J70;J85;J93-J98)	471	0.3	1.4	385	0.2	1.4
10. Avitaminoses & Other Nutritional Deficiency (E40;E41;E43;E44)	663	0.4	2.0	339	0.2	1.2

Infant Mortality: Ten (10) Leading Causes **Rate/100,000 Population** **Philippines, 5-Year Ave. (1992-1996) & 1997**

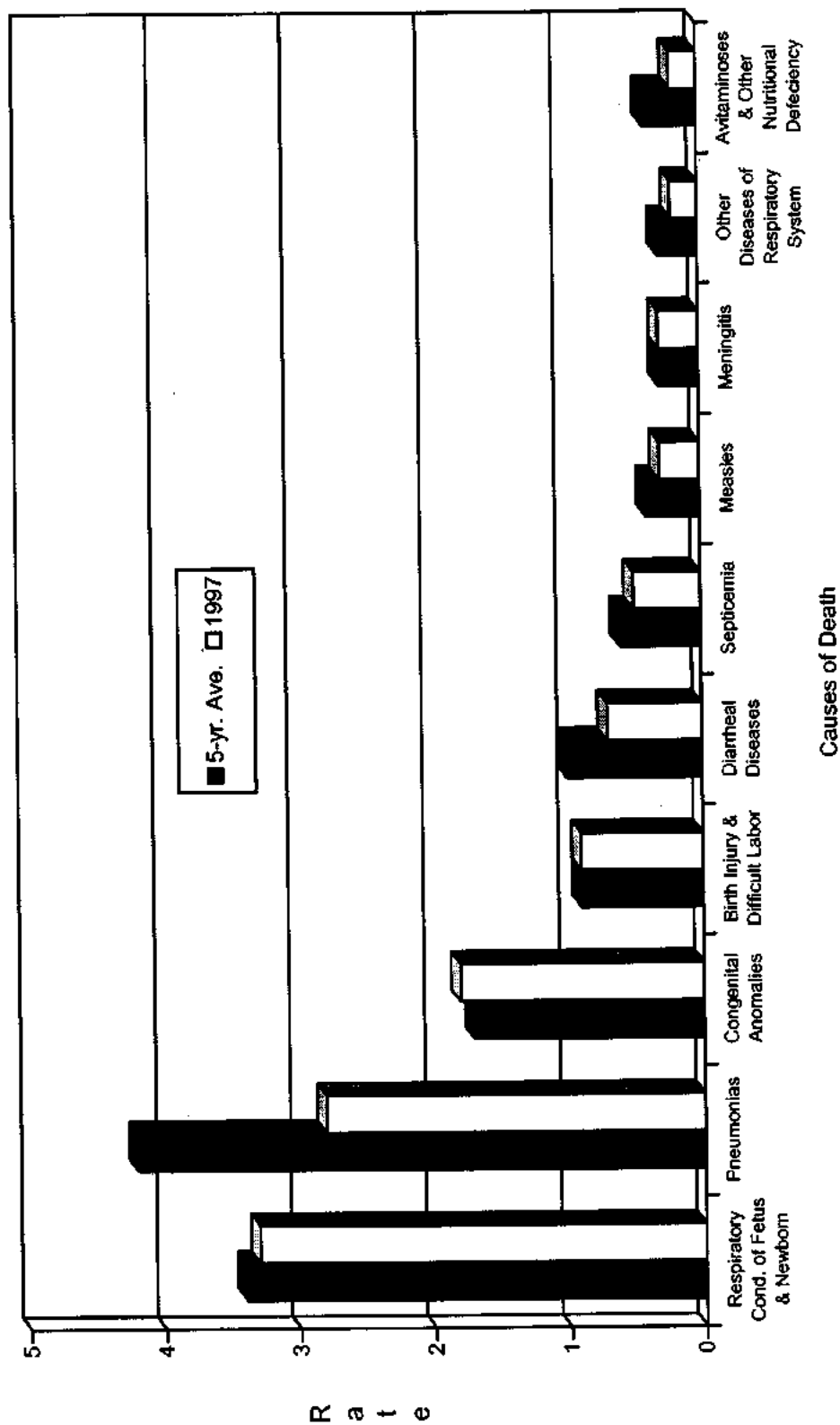


Fig. 26

TABLE 30

Infant Mortality: By Gender, By Region
Number & Rate/1000 Livebirths
Philippines
1997

Area	Both Sexes	Rate	Male	Female
Philippines	28,061	17.0	16,455	11,606
National Capital Region	6,698	20.6	3,868	2,830
C.A.R.	372	12.7	224	148
Region 1	1,941	20.2	1,132	809
Region 2	813	14.2	482	331
Region 3	2,625	14.2	1,523	1,102
Region 4	4,893	19.3	2,833	2,060
Region 5	1,784	16.6	1,078	706
Region 6	2,255	20.1	1,389	866
Region 7	2,449	17.5	1,422	1,027
Region 8	1,034	18.1	623	411
Region 9	643	12.1	382	261
Region 10	676	11.9	383	293
Region 11	990	10.4	578	412
Region 12	351	8.1	211	140
A.R.M.M.	34	6.2	22	12
CARAGA	437	12.2	268	169
Not Stated	66		37	29

TABLE 31

**Maternal Mortality: By Main Cause
Number & Rate/1000 l.b. & Percentage Distribution
Philippines
1997**

Cause	1997		
	Number	Rate	Percent
Total	1,513	0.9	100.0
Normal Delivery and Other Complications related to pregnancy occurring in the course of labor, delivery and Puerperium (O21;O23-O25;O30;O32-O36; O40-O42;O47;O48;O62-O66;O69-O71;O73-O75;O80-O82;O84-O85;O87-O88;O90-O92;O98-O99)	613	0.4	40.52
Hypertension complicating pregnancy Childbirth and Puerperium (O10;O15;O16)	347	0.2	22.93
Postpartum Hemorrhage (O72)	285	0.2	18.84
Pregnancy with abortive outcome (O00-O08)	151	0.1	9.98
Hemorrhages related to pregnancy (O20;O45-O47)	117	0.1	7.73

TABLE 32

Maternal Mortality: By Age Group & Health Region
Number & Rate/1000 Livebirths & Percentage Distribution
Philippines
1997

Region	Age Distribution					
	Total			Under 15 years		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	1,521	0.9	100.0	4	5.3	100.0
National Capital Region	180	0.6	11.8	-	0.0	0.0
C.A.R.	19	0.1	1.2	1	66.7	25.0
Region 1	68	0.1	4.5	-	0.0	0.0
Region 2	53	0.1	3.5	1	33.3	25.0
Region 3	130	0.7	8.5	1	15.4	25.0
Region 4	206	0.8	13.5	-	0.0	0.0
Region 5	175	1.6	11.5	-	0.0	0.0
Region 6	107	0.1	7.0	-	0.0	0.0
Region 7	127	0.1	8.3	-	0.0	0.0
Region 8	124	2.2	8.2	-	0.0	0.0
Region 9	60	1.1	3.9	-	0.0	0.0
Region 10	53	0.9	3.5	-	0.0	0.0
Region 11	110	1.2	7.2	-	0.0	0.0
Region 12	41	1.0	2.7	-	0.0	0.0
ARMM	7	1.3	0.5	-	0.0	0.0
CARAGA	61	1.7	4.0	1	111.1	25.0

* Rate according to corresponding Age-Group

** Rate per 1000 livebirths of the corresponding Region

TABLE 32

Maternal Mortality: By Age Group & Health Region
Number & Rate/1000 Livebirths & Percentage Distribution
Philippines
1997

Region	Age Distribution					
	15 - 19 years			20 - 24 years		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	85	0.8	100.0	267	0.6	100.0
National Capital Region	6	0.3	7.1	27	0.3	10.1
C.A.R.	-	0.0	0.0	3	0.39	1.1
Region 1	4	0.58	4.7	13	0.48	4.9
Region 2	5	1.05	5.9	14	0.80	5.2
Region 3	7	0.5	8.2	21	0.37	7.9
Region 4	19	1.0	22.4	42	0.5	15.7
Region 5	8	1.5	9.4	41	1.5	15.4
Region 6	7	1.4	8.2	16	0.62	6.0
Region 7	7	0.7	8.2	19	0.49	7.1
Region 8	6	1.6	7.1	22	1.49	8.2
Region 9	2	0.55	2.4	9	0.61	3.4
Region 10	2	0.52	2.4	9	0.57	3.4
Region 11	8	1.1	9.4	19	0.71	7.1
Region 12	2	0.65	2.4	4	0.35	1.5
ARMM	-	0.0	0.0	-	0.0	0.0
CARAGA	2	1.07	2.4	8	0.91	3.0

* Rate according to corresponding Age-Group

** Rate per 1000 livebirths of the corresponding Region

TABLE 32

Maternal Mortality: By Age Group & Health Region
Number & Rate/1000 Livebirths & Percentage Distribution
Philippines
1997

Region	Age Distribution					
	25 - 29 years			30 - 34 years		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	318	0.7	100.0	339	1.0	100.0
National Capital Region	56	0.6	17.6	54	0.9	15.9
C.A.R.	3	0.36	0.9	7	1.18	2.1
Region 1	10	0.35	3.1	14	0.75	4.1
Region 2	7	0.44	2.2	9	0.88	2.7
Region 3	25	0.4	7.9	33	0.9	9.7
Region 4	43	0.5	13.5	46	0.9	13.6
Region 5	35	1.1	11.0	31	1.4	9.1
Region 6	12	0.4	3.8	24	1.0	7.1
Region 7	26	0.7	8.2	30	1.1	8.8
Region 8	24	1.52	7.5	26	2.2	7.7
Region 9	15	1.01	4.7	15	1.44	4.4
Region 10	11	0.70	3.5	8	0.72	2.4
Region 11	26	1.0	8.2	18	1.0	5.3
Region 12	8	0.67	2.5	10	1.19	2.9
ARMM	3	1.56	0.9	-	0.0	0.0
CARAGA	14	1.36	4.4	14	1.79	4.1

* Rate according to corresponding Age-Group

** Rate per 1000 livebirths of the corresponding Region

TABLE 32

Maternal Mortality: By Age Group & Health Region
Number & Rate/1000 Livebirths & Percentage Distribution
Philippines
1997

Region	Age Distribution					
	35 - 39 years			40 - 44 years		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	315	1.7	100.0	160	2.5	100.0
National Capital Region	27	0.9	8.6	9	1.2	5.6
C.A.R.	4	1.1	1.3	-	0.0	0.0
Region 1	16	1.5	5.1	9	2.2	5.6
Region 2	10	1.6	3.2	6	2.8	3.8
Region 3	21	1.2	6.7	16	2.9	10.0
Region 4	28	0.9	8.9	25	2.6	15.6
Region 5	39	2.7	12.4	16	2.8	10.0
Region 6	32	2.0	10.2	13	2.2	8.1
Region 7	28	1.6	8.9	14	2.4	8.8
Region 8	25	3.2	7.9	17	6.2	10.6
Region 9	12	1.8	3.8	6	2.6	3.8
Region 10	19	2.6	6.0	4	1.5	2.5
Region 11	25	2.3	7.9	13	3.3	8.1
Region 12	10	1.9	3.2	6	3.3	3.8
ARMM	4	4.60	1.3	-	0.0	0.0
CARAGA	15	2.9	4.8	6	3.5	3.8

* Rate according to corresponding Age-Group

** Rate per 1000 livebirths of the corresponding Region

TABLE 32

Maternal Mortality: By Age Group & Health Region
Number & Rate/1000 Livebirths & Percentage Distribution
Philippines
1997

Region	Age Distribution					
	45 - 49 years			50 years & Over		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	28	3.6	100.0	5	7.2	100.0
National Capital Region	1	1.4	3.6	-	0.0	0.0
C.A.R.	1	6.0	3.6	-	0.0	0.0
Region 1	2	4.0	7.1	-	0.0	0.0
Region 2	1	3.2	3.6	-	0.0	0.0
Region 3	4	6.0	14.3	2	33.9	40.0
Region 4	2	1.8	7.1	1	6.9	20.0
Region 5	5	6.0	17.9	-	0.0	0.0
Region 6	2	2.5	7.1	1	18.5	20.0
Region 7	2	3.0	7.1	1	25.6	20.0
Region 8	4	12.4	14.3	-	0.0	0.0
Region 9	1	3.6	3.6	-	0.0	0.0
Region 10	-	0.0	0.0	-	0.0	0.0
Region 11	1	2.0	3.6	-	0.0	0.0
Region 12	1	4.2	3.6	-	0.0	0.0
ARMM	-	0.0	0.0	-	0.0	0.0
CARAGA	1	4.0	3.6	-	0.0	0.0

* Rate according to corresponding Age-Group

** Rate per 1000 livebirths of the corresponding Region

Maternal Mortality by Main Cause Percentage Distribution Philippines, 1997

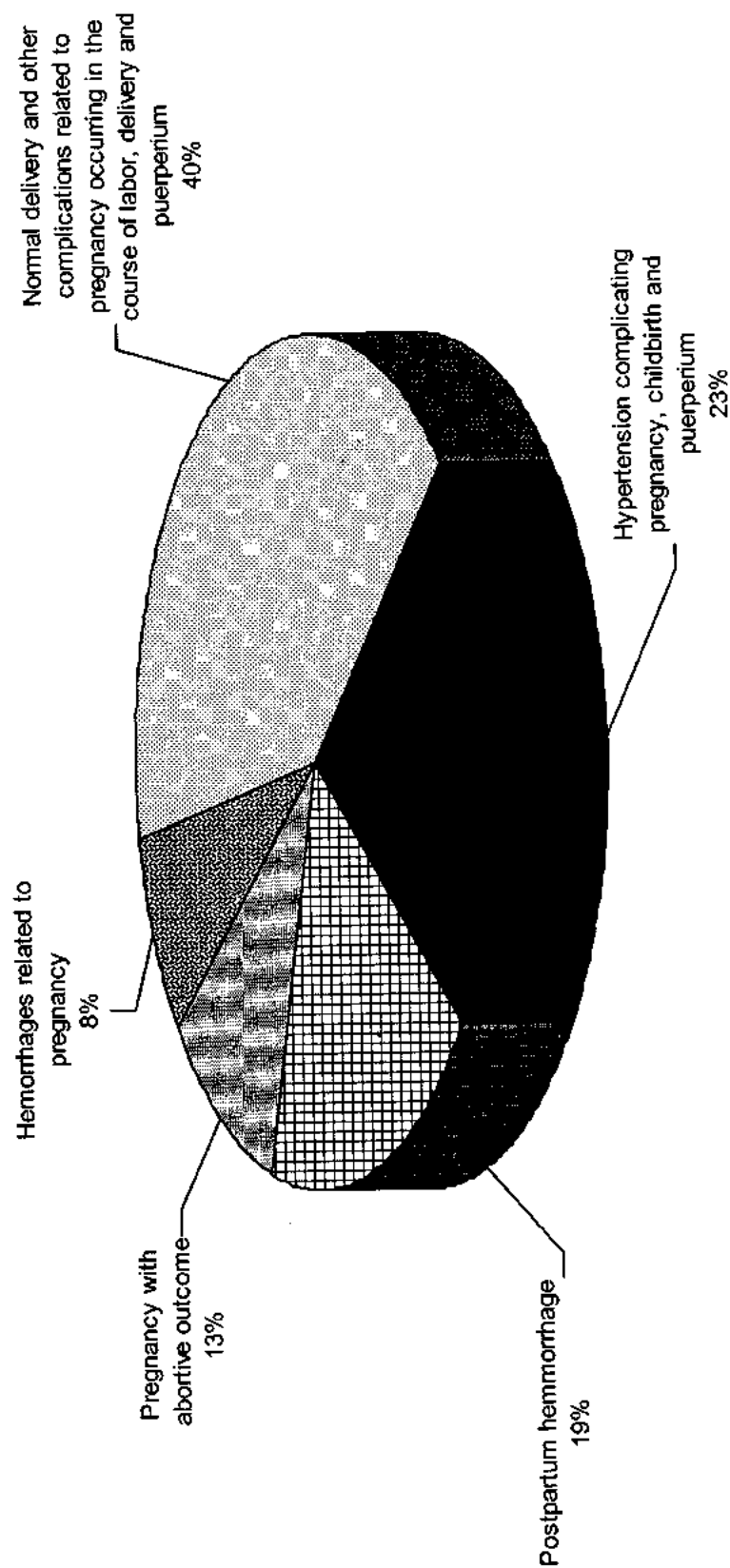


Fig. 27

TABLE 33

FETAL DEATHS BY CAUSE AND TYPE OF ATTENDANCE
Philippines, 1997

Cause	Total Fetal Deaths	Attendant						Not Stated
		Physician	Nurse	Midwife	Unlicensed Midwife	Others	None	
Spina bifida w/o mention of hydrocephalus(Q05.6)	1	-	-	-	1	-	-	-
Encephalocele (Q02.9)	3	2	-	-	-	-	-	1
Microcephalus (Q02)	2	-	-	1	-	-	-	1
Congenital Hydrocephalus (Q03.9)	85	61	-	7	8	1	-	8
Other specified anomalies of brain (Q04.8)	2	1	-	-	-	-	-	1
Unspecified anomalies of brain, spinal cord and nervous system (Q04.9;Q06.9;Q07.9)	4	1	-	2	1	-	-	-
Anophthalmos (Q11.1)	1	1	-	-	-	-	-	-
Unspecified anomalies of eye (Q15.9)	1	-	-	-	1	-	-	-
Unspecified anomalies of ear (Q17.9)	1	1	-	-	-	-	-	-
Webbing of neck (Q18.3)	1	1	-	-	-	-	-	-
Common truncus (Q20.0)	3	3	-	-	-	-	-	-
Tricuspid atresia and stenosis,congenital (Q22.4)	1	-	-	-	1	-	-	-
Unspecified anomalies of heart (Q24.9)	48	11	-	7	19	-	3	8
Anomalies of pulmonary artery (Q25.7)	2	2	-	-	-	-	-	-
Unspecified anomalies of circulatory system (Q28.9)	1	1	-	-	-	-	-	-
Other anomalies of nose (Q30.8)	2	-	-	-	2	-	-	-
Cleft palate (Q35.9)	2	1	-	1	-	-	-	-
Cleft lip (Q36.9)	3	2	-	-	1	-	-	-
Cleft palate with cleft lip (Q37.9)	6	4	-	-	1	-	-	1
Meckel's diverticulum (Q43.0)	1	-	-	-	-	-	-	1
Atresia and stenosis of small intestine (Q41.9)	1	1	-	-	-	-	-	-
Ateresia and stenosis of large intestine, rectum and anal canal (Q42)	1	1	-	-	-	-	-	-
Unspecified anomalies of digestive system (Q45.9)	3	2	-	1	-	-	-	-
Unspecified anomalies of genital organs (Q52.9;Q55.9)	2	1	-	-	1	-	-	-
Congenital musculoskeletal deformities of skull, face and jaw (Q67.4)	4	2	-	2	-	-	-	-
Varus deformities of feet (Q66.3)	1	1	-	-	-	-	-	-
Other deformities of feet (Q66.8)	3	2	1	-	-	-	-	-
Polydactyly (Q69.9)	1	-	-	-	1	-	-	-
Reduction deformities of lower limb (Q72.9)	1	-	-	-	-	-	-	1
Unspecified anomalies of unspecified limb (Q74.9)	3	3	-	-	-	-	-	-
Anomalies of skull and face bones (Q75.9)	17	6	-	6	4	-	-	1
Anomalies of abdominal wall (Q79.5)	4	4	-	-	-	-	-	-
Unspecified anomalies of musculoskeletal system (Q79.9)	3	2	-	1	-	-	-	-
Dermatoglyphic anomalies (Q82.8)	1	1	-	-	-	-	-	-
Other specified anomalies of skin (Q82.8)	1	-	-	-	-	1	-	-
Down's syndrome (Q90.9)	5	5	-	-	-	-	-	-
Other conditions due to sex chromosomes anomalies (Q99.8)	2	1	-	-	-	-	-	1
Conditions due to sex chromosomes anomalies (Q99.9)	9	6	-	1	2	-	-	-
Anomalies of other endocrine glands (Q89.2)	4	-	1	1	2	-	-	-
Conjoined twins (Q89.4)	5	4	-	-	-	-	-	1
Multiple congenital anomalies, so described (Q89.7)	130	83	1	8	18	-	-	20
Other specified anomalies (Q89.8)	3	2	-	-	1	-	-	-
Congenital anomaly, unspecified (Q89.9)	156	55	-	36	39	-	2	24
Light-for-dates without mention of fetal malnutrition	30	12	-	2	12	-	-	4
Light-for-dates with signs of fetal malnutrition (P05.0)	1	-	-	-	1	-	-	-
Fetal malnutrition without mention of light-for-dates (P05.2)	11	-	-	5	4	1	-	1
Fetal growth retardation, unspecified (P05.9)	33	19	1	4	6	-	-	3

TABLE 33

FETAL DEATHS BY CAUSE AND TYPE OF ATTENDANCE
Philippines, 1997

Cause	Total Fetal Deaths	Attendant						
		Physician	Nurse	Midwife	Unlicensed Midwife	Others	None	Not Stated
Anencephalus (Q00.0)	125	54	1	22	26	-	4	18
Spina bifida with hydrocephalus (Q05.4)	1	1	-	-	-	-	-	-
Extreme immaturity (P07.2)	863	610	9	62	77	3	30	72
Other preterm infants (P07.3)	2,946	1,463	22	313	733	13	100	302
Exceptionally large baby (P05.0)	32	22	1	-	1	-	-	8
Other Heavy-for-dates' infants (P08.1)	37	23	-	1	4	-	-	9
Post term infant, not heavy-for-dates(P08.2)	288	143	3	48	53	3	4	34
Subdural and cerebral haemorrhage	3	-	-	-	2	-	-	1
Injuries to scalp (P12.9)	1	1	-	-	-	-	-	-
Nerve injuries (P15.8)	1	-	-	-	1	-	-	-
Unspecified birth trauma (P15.9)	3	-	-	-	1	-	1	1
Fetal death from asphyxia or anoxia before onset of labour or at unspecified time(P20.0)	899	539	3	50	81	4	15	207
Fetal death from asphyxia or anoxia during labour (P20.1)	235	116	2	40	58	-	6	13
Respiratory distress syndrome (P22.9)	119	21	1	21	43	-	4	29
Congenital pneumonia (P23.9)	4	1	-	1	-	-	-	2
Massive aspiration syndrome	179	103	-	24	18	-	1	33
Pulmonary haemorrhage	1	1	-	-	-	-	-	-
Primary atelectasis (P28.0)	13	9	-	-	-	-	1	3
Other and unspecified atelectasis (P28.1)	3	1	-	-	2	-	-	-
Unspecified other respiratory conditions of fetus and newborn (P28.9;P28.8)	7	2	-	1	1	-	1	2
Other congenital infection (P37.8)	1	-	-	1	-	-	-	-
Other infection specific to the perinatal period (P39.9)	84	28	3	17	20	1	4	11
Fetal blood loss (P50.9)	12	9	-	-	-	-	-	3
Haemolytic disease due to RH isoimmunization (P55.0)	1	-	-	-	-	-	-	1
Haemolytic disease due to abo isoimmunization (P55.1)	4	1	-	-	2	-	-	1
Haemolytic disease due to other and unspecified isoimmunization (P55.9)	8	3	1	-	3	-	-	1
Hydrops fetalis due to isomunization (P56.0)	1	1	-	-	-	-	-	-
Syndrome of infant of a diabetic mother (P70.1)	2	1	-	-	-	-	-	1
Unspecified endocrine and metabolic disturbances specific to the fetus and newborn (P72.9;P74.9)	5	2	1	-	-	-	-	2
Congenital anaemia (P61.4)	2	1	-	-	-	-	-	1
Other specified transient haematological disorders (P61.6;P61.8)	2	-	-	-	1	-	-	1
Unspecified haematological disorders of fetus and newborn (P61.9)	1	1	-	-	-	-	-	-
Unspecified perinatal disorders of digestive system (P78.9)	5	-	-	1	-	-	1	3
Hydrops fetalis not due to isomunization(P83.2)	50	44	-	-	-	-	-	6
Other ill-defined conditions originating in the perinatal period (P96.8)	1	1	-	-	-	-	-	-
Unspecified other and ill-defined conditions originating in the perinatal period (P96.9)	3,162	1,311	24	291	505	11	94	926
TOTAL - Number	9,706	4,818	75	978	1,758	38	271	1,768
- Percent	100.0	49.6	0.8	10.1	18.1	0.4	2.8	18.2

Fetal Deaths by Medical Attendance
Percentage Distribution
Philippines, 1997

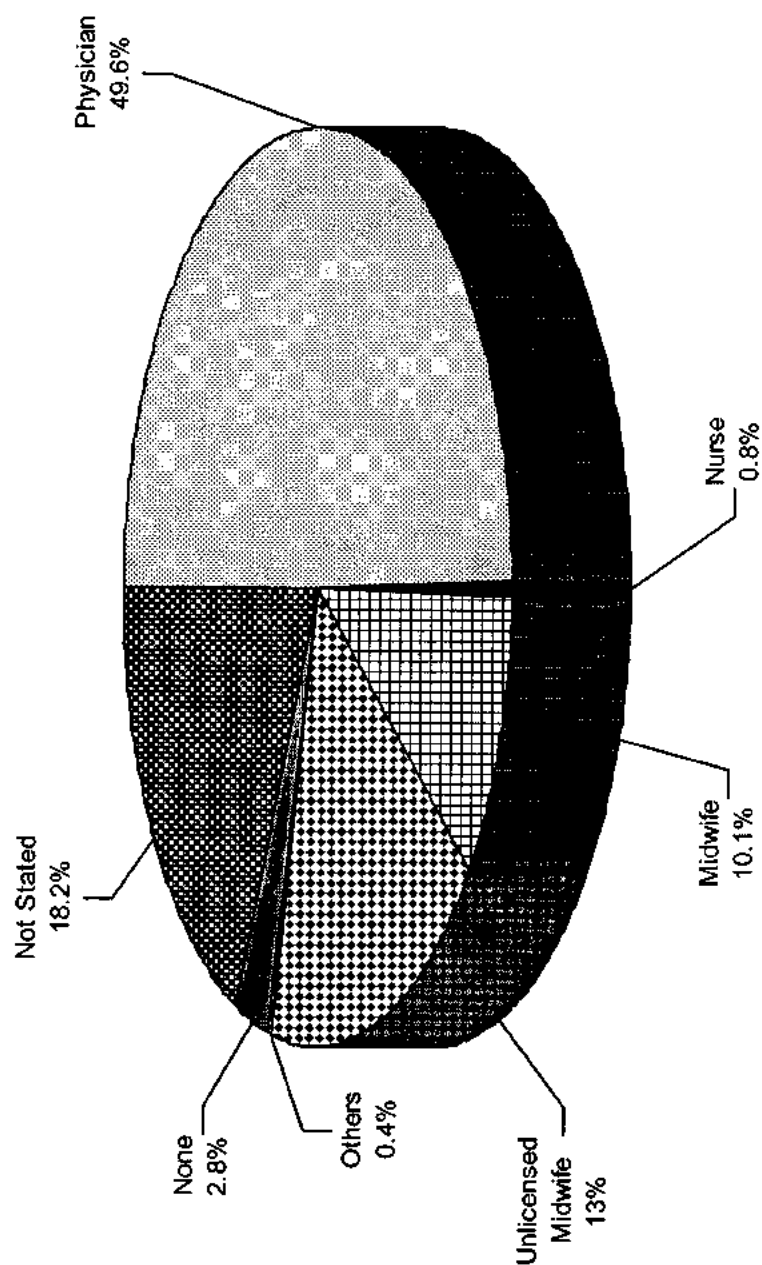


Fig. 28

FETAL DEATHS BY SELECTED CAUSE AND BIRTH WEIGHT

No. & Percentage Distribution

PHILIPPINES, 1997

CAUSE	Total Fetal Death	Less than 1,000 grams		1,000 to 1,499 grams		1,500 to 1,999 grams	
		No.	%	No.	%	No.	%
Maternal hypertensive disorders (P00.0)	195	6	3.1	16	8.2	28	14.4
Maternal renal and urinary tract infection (P00.1)	1	-	-	-	-	-	-
Maternal infection (P00.2)	43	1	2.3	2	4.7	2	4.7
Other chronic maternal circulatory and respiratory diseases (P00.3)	8	-	-	2	25.0	1	12.5
Maternal nutritional disorders (P00.4)	13	-	-	-	-	1	7.7
Maternal injury (P00.5)	12	-	-	-	-	1	8.3
Fetus or newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.8)	2	-	-	-	-	-	-
Fetus or newborn affected by unspecified maternal conditions which may be unrelated present pregnancy (P00.9)	6	-	-	-	-	-	-
Incompetent cervix (P01.0)	3	1	33.3	2	66.7	-	-
Premature rupture of membranes (P01.1)	18	-	-	1	5.6	-	-
Oligohydramnios (P01.2)	12	-	-	1	8.3	1	8.3
Polyhydramnios (P01.3)	10	-	-	-	-	-	-
Ectopic pregnancy (P01.4)	2	-	-	-	-	1	50.0
Multiple pregnancy (P01.5)	19	3	15.8	-	-	2	10.5
Malpresentation before labour (P01.7)	52	-	-	2	3.8	-	-
Fetus or newborn affected by other maternal complications of pregnancy (P01.8)	9	2	22.2	-	-	1	11.1
Fetus or newborn affected by unspecified maternal complications of pregnancy (P01.9)	1	-	-	-	-	-	-
Placenta praevia (P02.0)	31	-	-	1	3.2	2	6.5
Other forms of placental separation and haemorrhage (P02.1)	61	-	-	8	13.1	6	9.8
Other and unspecified morphological and functional abnormalities of placenta (P02.2)	494	13	2.6	35	7.1	42	8.5
Placental transfusion syndrome (P02.3)	7	-	-	1	14.3	3	42.9
Prolapsed cord (P02.4)	36	-	-	1	2.8	-	-
Other compression of umbilical cord (P02.5)	160	8	5.0	8	5.0	8	5.0
Other and unspecified conditions of umbilical cord (P02.6)	5	-	-	1	20.0	-	-
Chorioamnionitis (P02.7)	4	-	-	-	-	-	-
Other abnormalities of chorion and amnion	4	-	-	-	-	1	25.0
Unspecified abnormality of chorion & amnion	6	-	-	2	33.3	-	-
Breech delivery and extraction (P03.0)	8	-	-	-	-	-	-
Other malpresentation, malposition and disproportion during labour & delivery (P03.1)	42	-	-	1	2.4	1	2.4
Caesarean delivery (P03.4)	1	-	-	-	-	-	-
Maternal anaesthesia and analgesia (P04.0)	1	-	-	-	-	-	-
Abnormal uterine contractions (P03.6)	1	-	-	-	-	-	-
Other complications of labour and delivery (P03.8)	94	2	2.1	7	7.4	4	4.3
Fetus or newborn affected by unspecified complications of labour & delivery (P03.9)	2	-	-	-	-	-	-
Unspecified maternal condition	1,799	26	1.4	89	4.9	103	5.7
Others	6,544	604	9.2	702	10.7	655	10.0
TOTAL	9,706	666	6.9	882	9.1	863	8.9

Table 34

FETAL DEATHS BY SELECTED CAUSE AND BIRTH WEIGHT

No. & Percentage Distribution

PHILIPPINES, 1997

CAUSE	2,000 to 2,499 grams		2,500 to 2,999 grams		3,000 to 3,499 grams		3,500 to 3,999 grams	
	No.	%	No.	%	No.	%	No.	%
Maternal hypertensive disorders	25	12.8	32	16.4	15	7.7	5	2.6
Maternal renal and urinary tract infection	-	-	-	-	-	-	1	100.0
Maternal infection	10	23.3	8	18.6	1	2.3	5	11.6
Other chronic maternal circulatory and respiratory diseases	1	12.5	-	-	2	25.0	1	12.5
Maternal nutritional disorders	2	15.4	2	15.4	3	23.1	2	15.4
Maternal injury	-	-	1	8.3	1	8.3	-	-
Other fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	-	-	-	-	-	-	-	-
Unspecified fetus or newborn affected by maternal conditions which may be unrelated present pregnancy	1	16.7	2	33.3	-	-	-	-
Incompetent cervix	-	-	-	-	-	-	-	-
Premature rupture of membranes	2	11.1	4	22.2	1	5.6	1	5.6
Oligohydramnios	4	33.3	1	8.3	3	25.0	1	8.3
Polyhydramnios	3	30.0	-	-	2	20.0	-	-
Ectopic pregnancy	-	-	-	-	-	-	-	-
Multiple pregnancy	5	26.3	2	10.5	-	-	-	-
Malpresentation before labour	4	7.7	10	19.2	7	13.5	6	11.5
Other fetus or newborn affected by maternal complications of pregnancy	-	-	-	-	1	11.1	-	-
Unspecified fetus or newborn affected by maternal complications of pregnancy	-	-	-	-	-	-	-	-
Placenta praevia	4	12.9	8	25.8	4	12.9	1	3.2
Other forms of placental separation and haemorrhage	8	13.1	12	19.7	6	9.8	4	6.6
Other and unspecified morphological and functional abnormalities	44	8.9	67	13.6	68	13.8	25	5.1
Placental transfusion syndrome	2	28.6	-	-	1	14.3	-	-
Prolapsed cord	7	19.4	10	27.8	5	13.9	1	2.8
Other compression of umbilical cord	15	9.4	26	16.3	20	12.5	13	8.1
Other and unspecified conditions of umbilical cord	1	20.0	1	20.0	-	-	2	40.0
Chorioamnionitis	2	50.0	-	-	-	-	-	-
Other abnormalities of chorion and amnion	-	-	1	25.0	1	25.0	-	-
Unspecified abnormality of chorion & amnion	-	-	1	16.7	1	16.7	-	-
Breech delivery and extraction	-	-	4	50.0	-	-	1	12.5
Other malpresentation, malposition and disproportion during labour & delivery	6	14.3	7	16.7	9	21.4	3	7.1
Caesarean delivery	-	-	1	100.0	-	-	-	-
Maternal anaesthesia and analgesia	-	-	-	-	-	-	-	-
Abnormal uterine contractions	-	-	-	-	-	-	-	-
Other complications of labour and delivery	9	9.6	16	17.0	17	18.1	6	6.4
Unspecified fetus or newborn affected by other complications of labour & delivery	-	-	-	-	-	-	-	-
Unspecified maternal condition	176	9.8	271	15.1	172	9.6	67	3.7
Others	769	11.8	887	13.6	557	8.5	211	3.2
TOTAL	1,100	11.3	1,374	14.2	897	9.2	356	3.7

Table 34

FETAL DEATHS BY SELECTED CAUSE AND BIRTH WEIGHT

No. & Percentage Distribution

PHILIPPINES, 1997

CAUSE	4,000 to 4,499 grams		4,500 to 4,999 grams		5,000 and over		Not Stated	
	No.	%	No.	%	No.	%	No.	%
Maternal hypertensive disorders	2	1.0	1	0.5	-	-	65	33.3
Maternal renal and urinary tract infection	-	-	-	-	-	-	-	-
Maternal infection	1	2.3	-	-	-	-	13	30.2
Other chronic maternal circulatory and respiratory diseases	-	-	-	-	-	-	1	12.5
Maternal nutritional disorders	-	-	-	-	-	-	3	23.1
Maternal injury	-	-	-	-	-	-	9	75.0
Other fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	-	-	1	50.0	-	-	1	50.0
Unspecified fetus or newborn affected by maternal conditions which may be unrelated present pregnancy	-	-	-	-	-	-	3	50.0
Incompetent cervix	-	-	-	-	-	-	-	-
Premature rupture of membranes	-	-	1	5.6	-	-	8	44.4
Oligohydramnios	-	-	-	-	-	-	1	8.3
Polyhydramnios	-	-	-	-	-	-	5	50.0
Ectopic pregnancy	-	-	-	-	-	-	1	50.0
Multiple pregnancy	1	5.3	-	-	-	-	6	31.6
Malpresentation before labour	3	5.8	-	-	-	-	20	38.5
Other fetus or newborn affected by maternal complications of pregnancy	-	-	-	-	-	-	5	55.6
Unspecified fetus or newborn affected by maternal complications of pregnancy	-	-	-	-	-	-	1	100.0
Placenta praevia	1	3.2	1	3.2	-	-	9	29.0
Other forms of placental separation and haemorrhage	-	-	-	-	-	-	17	27.9
Other and unspecified morphological and functional abnormalities	5	1.0	2	0.4	1	0.2	192	38.9
Placental transfusion syndrome	-	-	-	-	-	-	-	-
Prolapsed cord	-	-	-	-	-	-	12	33.3
Other compression of umbilical cord	3	1.9	-	-	1	0.6	58	36.3
Other and unspecified conditions of umbilical cord	-	-	-	-	-	-	-	-
Chorioamnionitis	-	-	-	-	-	-	2	50.0
Other abnormalities of chorion and amnion	-	-	-	-	-	-	1	25.0
Unspecified abnormality of chorion & amnion	-	-	-	-	-	-	2	33.3
Breech delivery and extraction	-	-	-	-	-	-	3	37.5
Other malpresentation, malposition and disproportion during labour & delivery	2	4.8	-	-	-	-	13	31.0
Caesarean delivery	-	-	-	-	-	-	-	-
Maternal anaesthesia and analgesia	-	-	-	-	-	-	1	100.0
Abnormal uterine contractions	-	-	-	-	-	-	1	100.0
Other complications of labour and delivery	3	3.2	2	2.1	-	-	28	29.8
Unspecified fetus or newborn affected by other complications of labour & delivery	-	-	-	-	-	-	2	100.0
Unspecified maternal condition	18	1.0	5	0.3	2	0.1	870	48.4
Others	102	1.6	52	0.8	28	0.4	1,977	30.2
TOTAL	141	1.5	65	0.7	32	0.3	3,330	34.3

Table 35

Fetal Deaths by Age of Mother and Birth Order Philippines, 1997

Birth Order	Total Fetal Deaths	Age of Mother (Years)								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not Stated
First	2,286	2	401	878	586	286	84	26	2	21
Second	1,594	-	144	562	447	279	121	26	-	15
Third	1,211	-	31	252	336	342	189	48	3	10
Fourth	911	-	4	94	261	291	184	71	2	4
Fifth	628	-	1	40	149	213	157	60	5	3
Sixth	445	-	-	9	70	143	145	68	4	6
Seventh	298	-	-	2	21	84	123	58	7	3
Eight & Over	509	-	1	6	20	73	184	189	34	2
Not Stated	1,824	1	114	371	440	334	286	111	15	152
Total Fetal Death	9,706	3	696	2,214	2,330	2,045	1,473	657	72	216
Percent	100	0.03	7.17	22.81	24.01	21.07	15.18	6.77	0.74	2.23
Rate *	5.8	4.0	6.1	4.8	4.8	6.2	7.8	10.4	8.5	66.3
Total Livebirths by Age of Mother	1,653,236	748	113,058	457,966	486,197	330,847	189,772	62,911	8,481	3,256

* per 1,000 livebirths of the corresponding age-group of mother

Fetal Deaths by Age of Mother Rate per 1,000 livebirths Philippines, 1997

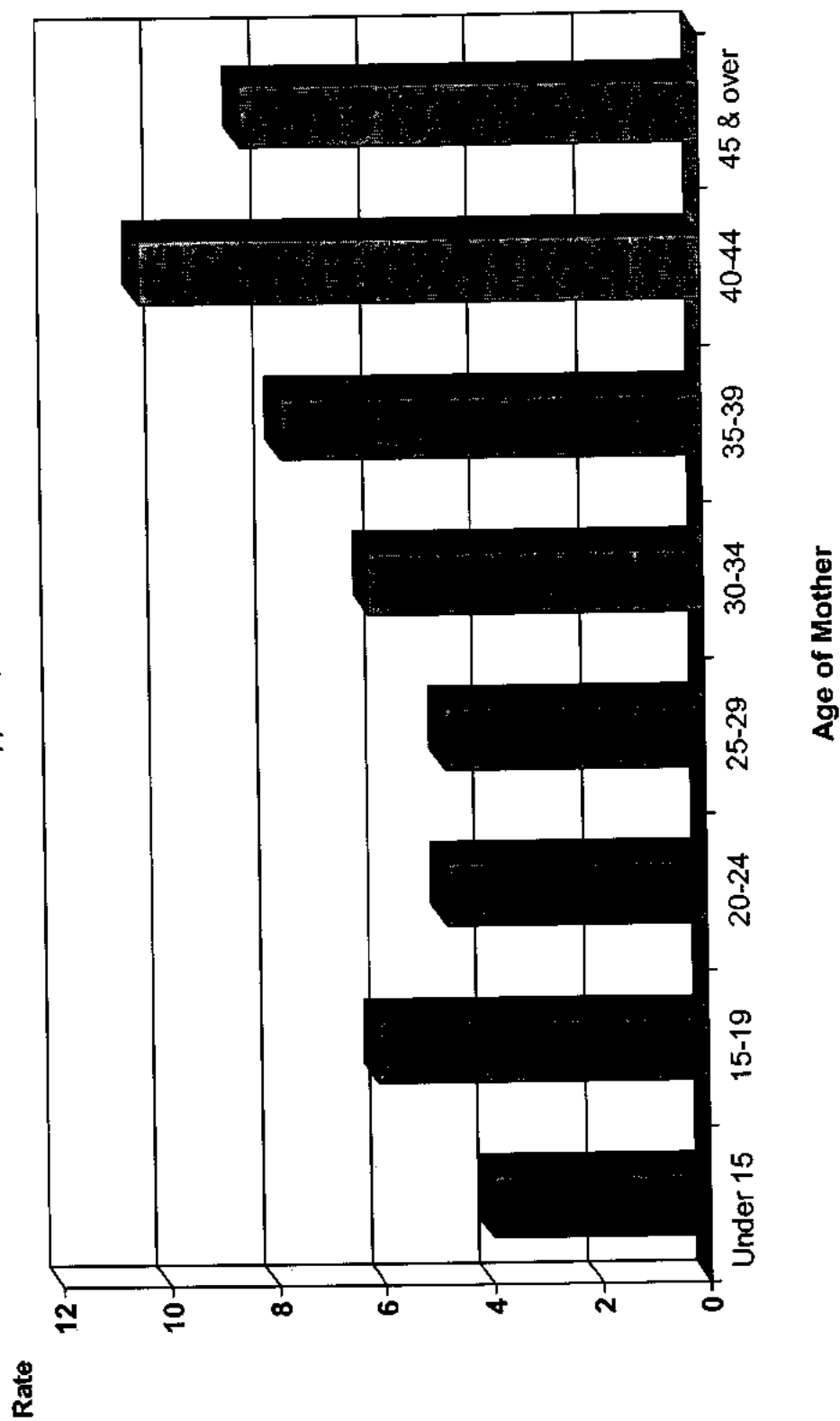


Fig. 29

TABLE 36

Late Fetal Deaths by Age of Mother & Birth Order
Philippines
1997

Birth Order	Total Birth	Late Fetal Death		Age of Mother									
		Number	Rate*	Less than 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 & Over	Not Stated	
First	481,790	1,174	2.4	-	193	438	326	156	39	16	-	-	6
Second	367,264	795	2.2	-	69	284	219	142	61	16	-	-	4
Third	264,171	641	2.4	-	15	135	173	180	102	31	2	-	3
Fourth	178,049	493	2.8	-	1	62	130	156	107	36	-	-	1
Fifth	114,267	330	2.9	-	-	17	83	112	80	33	3	-	2
Sixth	75,032	241	3.2	-	-	5	41	84	74	34	2	-	1
Seventh	47,980	165	3.4	-	-	2	12	46	72	28	4	-	1
Eight & Over	77,445	262	3.4	-	1	3	10	38	101	91	16	-	2
Not Stated	47,238	660	14.0	-	39	126	155	143	111	48	8	-	30
Total	1,653,236	4,761	2.9	-	318	1,072	1,149	1,057	747	333	35	-	50

* Per 1,000 livebirths of their respective birth order

Table 37

**Ten (10) Leading Causes of Child Mortality
by Age- Group & Sex
No. & Rate / 100,000 population
Philippines, 1997**

Cause	1-4 Years			
	Male	Female	Both Sexes	Rate
1. Pneumonia	2,055	1,738	3,793	50.11
2. Diarrheas	504	373	877	11.59
3. Measles	429	360	789	10.42
4. Congenital Anomalies	334	236	570	7.53
5. Symptoms, signs and ill-defined conditions	290	257	547	7.23
6. Accidents caused by submersion, suffocation and foreign bodies	282	181	463	6.12
7. Septicemia	212	153	365	4.82
8. Meningitis	171	160	331	4.37
9. Chronic Obstructive Pulmonary Disease and Allied Conditions	137	139	276	3.65
10. Dengue-Hemorrhagic Fever	119	141	260	3.44

Cause	5-9 Years			
	Male	Female	Both Sexes	Rate
1. Pneumonia	482	388	870	9.71
2. Motor vehicle traffic accidents	263	173	436	4.87
3. Accidents caused by submersion, suffocation and foreign bodies	263	143	426	4.75
4. Dengue-Hemorrhagic Fever	176	195	371	4.14
5. Congenital Anomalies	132	122	254	2.83
6. Symptoms, signs and ill-defined conditions	135	108	243	2.71
7. Diarrheas	108	84	192	2.14
8. Meningitis	101	90	191	2.13
9. Leukemia	100	84	184	2.05
10. Other diseases of the Nervous System	93	68	161	1.80

Cause	10-14 Years			
	Male	Female	Both Sexes	Rate
1. Pneumonia	235	194	429	5.20
2. Accidents caused by submersion, suffocation and foreign bodies	198	98	296	3.59
3. Motor vehicle traffic accidents	192	93	285	3.46
4. Chronic rheumatic heart disease	124	138	262	3.18
5. Symptoms, signs and ill-defined conditions	96	72	168	2.04
6. Leukemia	94	65	159	1.93
7. Disease of pulmonary circulation & other forms of heart disease	80	72	152	1.84
8. Congenital Anomalies	79	64	143	1.73
9. Other diseases of nervous system	77	57	134	1.63
10. Septicemia	63	50	113	1.37

TABLE 38

**Mortality Among Immunizable Diseases
(Under 1; 1 - 4; 5 - 9; 10 - 14 Years)
Number & Rat/100,000 Population
Philippines
1997**

Cause	Under 1		1 - 4 Years		5 - 9 Years		10 - 14 Years	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1. Measles (B05)	432	22.1	789	10.4	131	1.5	61	0.7
2. Tetanus (A35)	25	1.3	25	0.3	46	0.5	80	1.0
3. Tuberculosis of Meninges (A17)	14	0.7	84	1.1	71	0.8	68	0.8
4. Diphtheria (A36)	4	0.2	17	0.2	5	0.1	-	0.0
5. Other Tuberculosis (A14-A18;B90)	3	0.2	7	0.1	11	0.1	18	0.2
6. Acute Poliomyelitis, including late effects (A80)	6	0.3	4	0.1	2	0.02	7	0.1