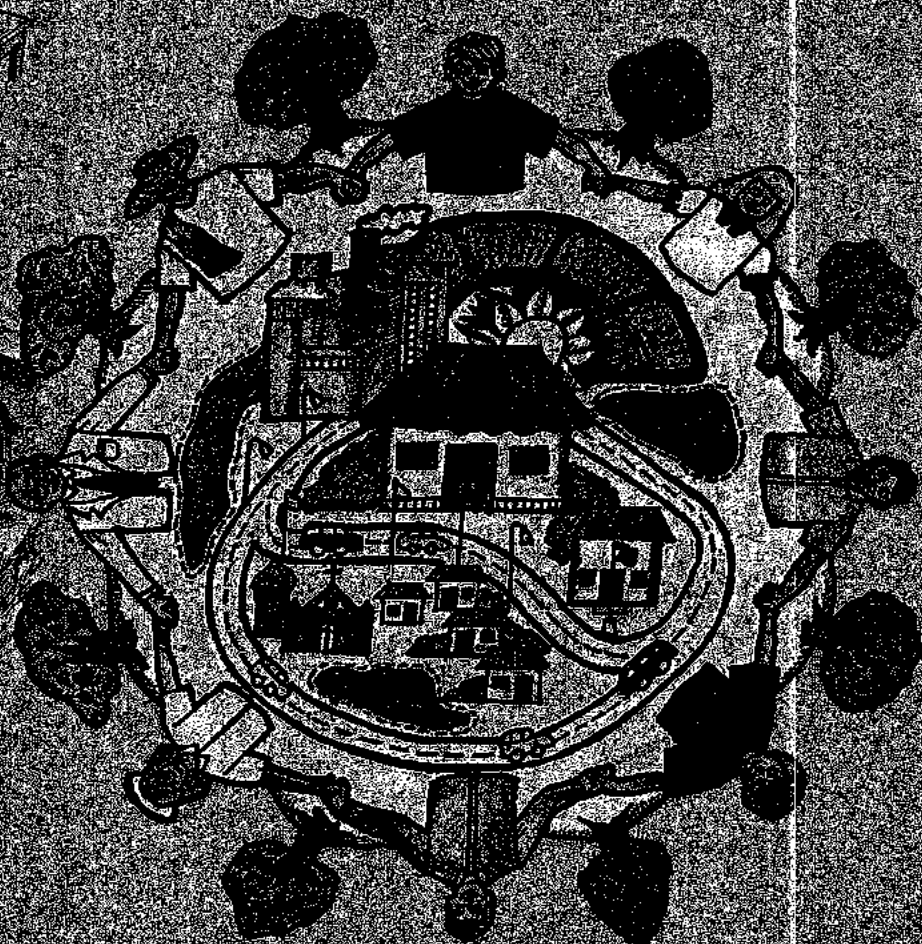



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Republic of the Philippines  
Department of Health

## OFFICE OF THE SECRETARY

SAN LAZARO COMPOUND, RIZAL AVENUE, STA. CRUZ, MANILA, PHILIPPINES

TEL. NO. 711-60-80

### FOREWORD

The year 1993 marked the first year that basic health services were devolved to provincial, municipal and city local governments. That year also marked the first year that the Department of Health started its "positioning for performance" strategy for the post-devolution era.

In 1993 the DOH and LGU conducted the first of three National Immunization Days (NIDs) in the first months of devolution. Later that year, the DOH and LGUs launched the first of the Micronutrient campaigns during World Food Day in August. Therefore, 1993 may be viewed as a breakthrough year that saw many new initiatives launched by DOH and its new partners in the delivery of health services, the LGUs.

The delivery of health services in the first quarter of the year was still managed by the DOH central and regional offices while local governments assumed responsibility from April 1, 1993. No major changes in the manner of delivery of health services was expected during this "Changeover Period" as only 217 out of over 45,000 health workers were not accepted by LGUs.

Thus, the health services in 1993 saw no change in health service delivery except for the new administrative management introduced by local governments. More adjustments were required in the delivery of district hospital services as provincial governments were in many instances unused to managing hospital services in many locations in their province.

For this edition of *Philippine Health Statistics*, the department's Health Intelligence Service has relied on the continuing support of local health workers nationwide and the National Statistics Office's Vital Registry. More current data is available at the HIS which also publishes Field Health Services Information System Annual Reports (1996 already available).

The DOH, through its Health Intelligence Service continues to manage the country's health information system, but its effectiveness and relevance relies on you, the reader, and countless health workers nationwide for its continuing dynamism.

For the health of the Filipino people, let us continue strengthening our health information system at all levels and locations throughout the country.

  
CARMENCITA NORIEGA-REODICA, MD, MPH, CESO II  
Secretary of Health

July 25, 1997

**SMOKING IS HAZARDOUS TO YOUR HEALTH**

## TECHNICAL NOTES ON THE 1993 PHS

The *1993 Philippine Health Statistics* covers the first year of decentralization of health services to local governments under the Local Government Code (Republic Act 7160). This edition relies on reports from the local civil registrars as indicated in the Field Health Service Information System reports (FHSIS) of DOH's Health Intelligence Service and National Statistics Office natality and morbidity statistics.

Population projections and recommended infant mortality rates, child mortality rates, under-five mortality rates and maternal mortality rates are derived from the National Statistical Coordination Board (NSCB). The *PHS* also uses vital events (live births, deaths and fetal deaths) as reported by local civil registrar to the National Statistics Office. As you may note, projections from the NSCB show higher IMRs than those reported by the civil registrars because of corrections made by the NSCB for underreporting of vital events. The users of these data are thus advised to indicate properly the source of the statistics they report, to avoid confusion.

This *1993 PHS* includes a couple of new features that are meant to assist users:

1. The Autonomous Region of Muslim Mindanao (ARMM) appears for the first time in this book, by virtue of its operation in 1993. The regional reports for ARMM are derived from the four provinces that compose it: Lanao del Sur, Maguindanao, Sulu and Tawi-Tawi. Regions 9 and 12 have thus dropped these four provinces; however, Region 12 contains data from the cities of Cotabato and Marawi.
2. A section of defining rates and ratios is included in this edition for the occasional user of statistics who may need quick reference to these while perusing the book in the library.
3. The tables on notifiable diseases have been divided into two tables starting with this edition: one table for cases reported by local health services and another for deaths recorded by the civil registries. The two tables cannot be directly linked since the reports are coming from two different sources.

One of the major users of these data also pointed out a lapse in the table and graph on maternal deaths by main causes which seemed to include "normal pregnancies" as among the causes of maternal deaths. This occurred because previous editions (up to 1992) had truncated the ICD-9 classification which should have read "normal pregnancies and other complications..." We have changed that to "other complications of pregnancies." A correction is also indicated for the three-digit ICD code in these tables.

The staff of the Health Intelligence Service who produce this book would like to encourage all readers to continue to give us feedback on our work. The benefits can only redound to the Filipino people, whom we continue to serve with diligence and pride

Republic of the Philippines  
Department of Health  
HEALTH INTELLIGENCE SERVICE  
Manila

*CARMENCITA NORIEGA-REODICA, M.D., MPH, CESO II*  
SECRETARY OF HEALTH

*MILAGROS L. FERNANDEZ, M.D., MPH, CESO II*  
UNDERSECRETARY OF HEALTH  
OFFICE OF THE CHIEF OF STAFF

*JUAN ANTONIO A. PEREZ III, M.D., MPH*  
DIRECTOR III  
HEALTH INTELLIGENCE SERVICE

*ANTONIO O. FARAON, M.D., CPH*  
MEDICAL OFFICER VII

*ERLINDA T. GUERRERO, M.D., MPH*  
MEDICAL OFFICER VII

*SUSAN P. GREGORIO, M.D., MPH*  
MEDICAL SPECIALIST III

*ISIDORE C. NEPOMUCENO, M.D., M.Sc.*  
MEDICAL SPECIALIST III

PHILIPPINE HEALTH STATISTICS  
PUBLICATION TEAM



*NENITA P. DELA CRUZ*

*MYRNA V. CUDO*

*RHISSA S. RONDILLA*

*ANTONIO LEODIGARIO GARY A. FORMELOZA*

*NELSON L. GUERRERO*

*EUGENE S. ARADA*

*MERLITA C. EVANGELISTA*

*LEA MYLENE R. REBANAL*

*DULCE C. ELFA*

*MARY ANN G. GUTIERREZ*



**Republic of the Philippines  
Department of Health**

**OFFICE OF THE SECRETARY**

SAN LAZARO COMPOUND, TRIAL AVENUE, STA. CRUZ, MANILA, PHILIPPINES  
TEL. NO. 711-60-60

June 14, 1996

Department Circular  
No. 92 s. 1996

**To: The Undersecretaries, Assistant Secretaries, Regional / Bureau  
Service Directors, Chief of Offices / Special Hospitals, Specialty  
Hospitals and Other Concerned.**

**Subject: NSCB Resolution No. 1-96 from the National Statistical  
Coordination Board.**

Enclosed for information, ready references and guidelines is a copy of the NSCB Resolution No. 1-96 re: Adoption of the Infant Mortality Rates, Child Mortality Ratios, 1990-1995 as interim estimates at the National, Regional, Provincial and City levels.

Please be guided accordingly.

**CARMENCITA NORIEGA-REODICA, M.D., MPH, CESO II**  
Secretary of Health

**NSCB RESOLUTION NO. 1-96**

**ADOPTION OF THE INFANT MORTALITY RATES, CHILD MORTALITY RATES, UNDER-FIVE MORTALITY RATES AND MATERNAL MORTALITY RATIOS, 1990-1995 AS INTERIM ESTIMATES AT THE NATIONAL, REGIONAL, PROVINCIAL AND CITY LEVELS**

**WHEREAS**, the Technical Working Group on Maternal and Child Mortality (TWG-MCM) then Task Force on Infant Mortality was tasked to generate estimates on infant mortality rates (IMRs), child mortality rates (CMRs), under-five mortality rates (U5MRs) and maternal mortality ratios (MMRs) at the national, regional, provincial and city levels for the period 1990-1995;

**WHEREAS**, in undertaking the task, the TWG-MCM has tapped all relevant data sources such as the Field Health Service Information System (FHSIS), the Vital Registration System (VRS), the 1993 Listing of Households (HH List) in the sample barangays of the Integrated Survey of Households by the National Statistics Office (NSO) and the 1993 National Demographic Surveys (NDS);

**WHEREAS**, the TWG came out with recommended mortality estimates at the national, regional, provincial and city levels for the 1990-1995 using the methodology detailed in the Technical Notes;

**WHEREAS**, the TWG-MCM presented the methodology and the estimated to the Technical Committee on Population and Housing Statistics (TC-PHS) in its meeting held 19 November 1995;

**WHEREAS**, the TC-PHS subsequently endorsed the methodology and the estimates of the IMRs, CMRs, U5MRs and MMRs, 1990-1995 at the national, regional, provincial and city levels to the NSCB for its approval;

**WHEREAS**, in its meeting held 5 February 1996, the NSCB Board approved the methodology and the estimates of IMRs, CMRs, U5MRs and MMRs, 1990-1995 at the national, regional, provincial and city levels as official interim estimates;

**NOW THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED THAT** the estimates of IMRs, CMRs, U5MRs and MMRs at the national, regional provincial and city levels for the year 1990-1995 as shown in the attached tables be adopted for planning and policy/decision-making purposes as interim estimates until such time that results of new censuses and surveys are made available.

5 February 1996

**ATTESTED BY:**

**ROMULO A. VIROLA**  
Secretary General

**RECOMMENDED INFANT MORTALITY RATES, CHILD MORTALITY RATES,  
UNDER – FIVE MORTALITY RATES & MATERNAL MORTALITY RATIOS,  
NATIONAL AND REGIONAL LEVELS, 1993**

<b>REGION</b>	<b>IMR</b>	<b>CMR</b>	<b>&lt; 5 MR</b>	<b>MMR</b>
<b>PHILIPPINES</b>	<b>52.30</b>	<b>21.00</b>	<b>71.93</b>	<b>191.44</b>
Region I – Ilocos	49.68	19.39	68.09	175.10
Region II – Cagayan Valley	56.88	24.60	80.03	202.21
Region III – Central Luzon	42.16	14.41	55.95	178.30
Region IV – Southern Tagalog	48.21	18.21	65.53	149.25
Region V – Bicol	60.44	27.13	85.93	163.80
Region VI – Western Visayas	57.45	24.90	80.91	191.48
Region VII – Central Visayas	50.48	19.77	69.24	168.44
Region VIII – Eastern Visayas	69.12	34.26	100.98	204.21
Region IX – Western Mindanao	60.57	27.33	86.24	207.25
Region X – Northern Mindanao	55.15	23.11	76.99	230.68
Region XI – Southern Mindanao	53.40	21.94	74.17	165.26
Region XII – Central Mindanao	54.71	22.72	76.04	191.19
National Capital Region (NCR)	37.66	10.79	48.01	139.48
Cordillera Admn. Region (CAR)	58.16	25.70	82.36	204.30
ARMM – Muslim Mindanao Region	67.69	33.11	98.55	342.89

\*Source: National Statistical Coordination Board (NSCB)/NSCB Resolution No. 1-96



## 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.

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

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

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

**Neonatal Death Rate** - Measures the risk of dying 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 and thus, reveal the problems of public health.

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

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.

$$\text{I R} = \frac{\text{No. of new cases of a particular disease registered during a specified period of time}}{\text{Estimated population as of July of same year}} \times 100,000$$

**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 killingpower 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**  
**Department of Health**  
**HEALTH INTELLIGENCE SERVICE**  
**M a n i l a**

**PHILIPPINE HEALTH STATISTICS**  
**1 9 9 3**

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## **INTRODUCTION**

### **A. SOURCES OF DATA**

#### **1. LIVE BIRTH, DEATH AND FETAL DEATH STATISTICS**

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

#### **2. NOTIFIABLE DISEASES STATISTICS**

Data on Notifiable Diseases 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 Health Intelligence Service where such data received are then edited, classified, compiled, analyzed and interpreted.

#### **3. POPULATION STATISTICS**

The official population estimates since 1931, as computed by the National Statistics Office, using the geometric method are presented in this report. 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 ninth in Asia and Thirteenth 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***

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

### ***2. AGE***

There is no valid information with regard to the accuracy of age of a reported morbid case. Regarding the registered deaths, the age of deceased is fully determined by the date of birth. However, some of the vital records are filled with the age not recorded or the 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 DEATHS***

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

### ***4. SEX***

Classification by sex is made in relation to other factors such as age, nationality, date and place of occurrence. Thus, some tabulations presented in this report 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 risen under the same circumstances. In accordance with certain statistical assumptions, the probable range of values may be estimated from the actual figures.

### 2. COMPUTATION OF STATISTICAL INDICES

In the computation of statistical indices for the Philippines and each health region, province and city, the standard 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 livebirths; 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 (Act. 3753) and the reporting of Notifiable Diseases (Act 3573) there are deficiencies in the observance of the law due to a variety of factors. 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 BHs 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 to 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 National Statistics Office.

1993 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 (Census on Population and Housing) 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.

It is encouraging to know that when the estimated provincial populations are summed up, the resulting value is only 9,496 below the total estimated official national population.

# PHILIPPINE HEALTH PICTURE

## 1973 - 1993



### POPULATION

INCREASED FROM 40,219,000 TO 66,981,614  
66.5% INCREASE



### CRUDE BIRTH RATE

DECREASED FROM 26.1 TO 25.1  
3.8 % DECREASE



### CRUDE DEATH RATE

DECLINED FROM 7.0 TO 4.8  
31.4 % DECREASE



### INFANT DEATH RATE

DECLINED FROM 64.7 TO 20.6  
68.2% DECREASE



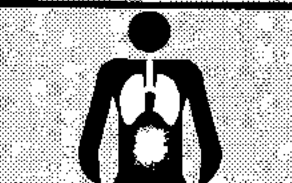
### MATERNAL DEATH RATE \*

DECLINED FROM 1.4 TO 0.9  
35.7% DECREASE



### NEONATAL DEATH RATE \*\*

DECLINED FROM 30.3 TO 10.0  
67.0% DECREASE



### TUBERCULOSIS DEATH RATE

DECLINED FROM 70.3 TO 36.7  
47.8% DECREASE



### LIFE EXPECTANCY AT BIRTH

MALE 63.7      FEMALE 68.8  
BOTH SEXES - 65.5 YRS.

\* SINCE 1940

\*\* SINCE 1961

TABLE 1

**ESTIMATED POPULATION BY SEX  
PHILIPPINES, 1943 - 1993**

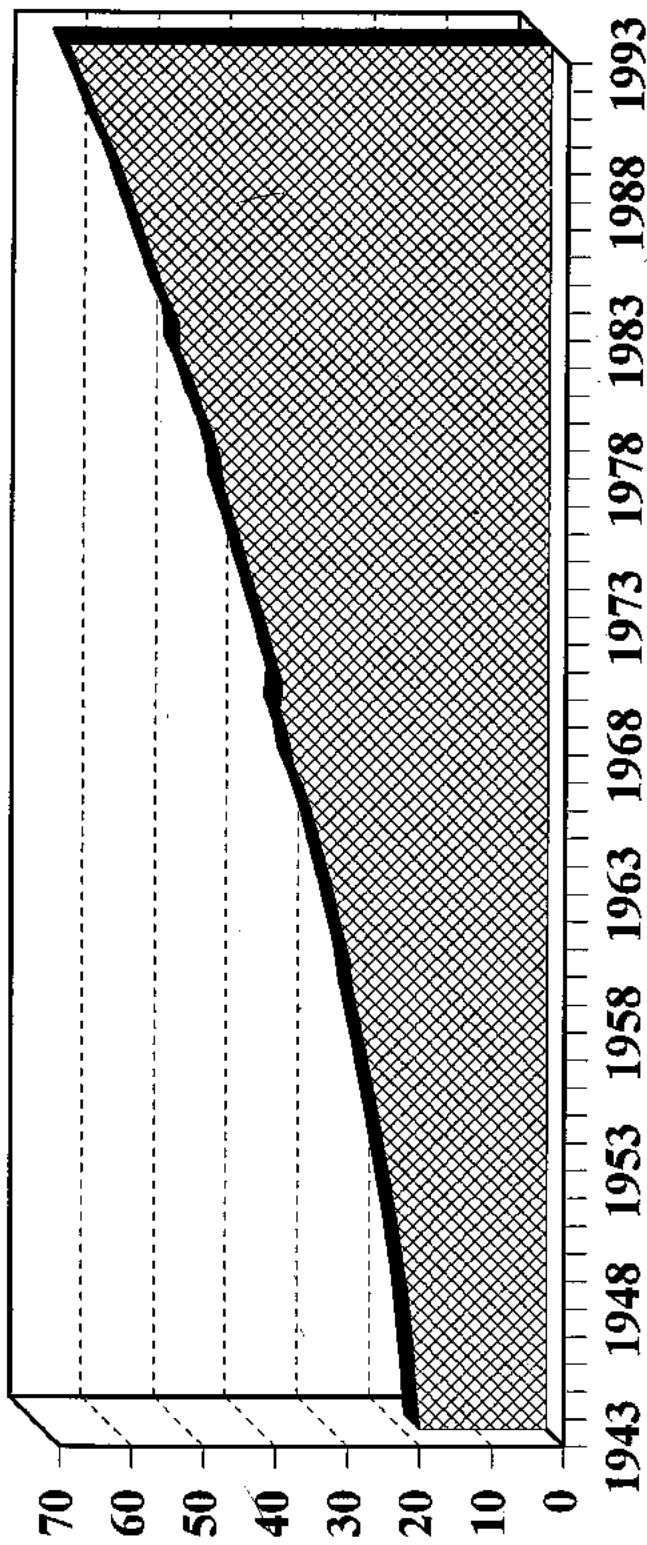
YEAR	BOTH SEXES	MALE	FLMALE
1993	66,981,614	33,653,665	33,327,949
1992	65,338,989	32,831,066	32,507,923
1991	63,620,672	31,973,356	31,647,316
1990	62,049,229	31,183,608	30,865,621
1989	60,096,988	30,182,591	29,914,397
1988	58,721,307	29,486,542	29,234,765
1987	57,356,042	28,795,983	28,560,059
1986	56,004,130	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
1946	18,434,400	9,259,700	9,174,700
1945	18,089,600	9,090,700	8,998,900
1944	17,751,200	8,924,800	8,826,400
1943	17,419,200	8,762,000	8,657,200

# ESTIMATED POPULATION

PHILIPPINES

1943 - 1993

Rate in Millions



YEAR

Fig. 2

TABLE 2

**ESTIMATED POPULATION  
BY HEALTH REGION, PROVINCE AND CITY  
PHILIPPINES  
1993**

AREA	POPULATION	AREA	POPULATION
<b>PHILIPPINES</b>	<b>66,981,614</b>	<b>CABANATUAN CITY</b>	<b>189,504</b>
<b>NAT. CAP. REGION</b>	<b>8,717,533</b>	<b>OLONGAPO CITY</b>	<b>212,032</b>
1ST DIST. MANILA	2,640,503	<b>PALAYAN CITY</b>	<b>22,355</b>
2ND DIST. MUN.	1,128,276	<b>SAN JOSE CITY</b>	<b>90,721</b>
QUEZON CITY	1,833,328	<b>REGION 4</b>	<b>9,199,969</b>
3RD DIST. MUN.	906,985	<b>AURORA</b>	<b>157,717</b>
CALOOCAN CITY	839,871	<b>BATANGAS</b>	<b>1,229,383</b>
4TH DIST. MUN.	964,298	<b>CAVITE</b>	<b>1,147,556</b>
PASAY CITY	404,272	<b>LAGUNA</b>	<b>1,359,501</b>
<b>C.A.R.</b>	<b>1,265,509</b>	<b>MARINDUQUE</b>	<b>198,003</b>
ABRA	199,153	<b>MINDORO OCC.</b>	<b>311,583</b>
BENGUET	340,057	<b>MINDORO OR.</b>	<b>606,538</b>
IFUGAO	161,942	<b>PALAWAN</b>	<b>491,550</b>
KALINGA APAYAO	232,172	<b>QUEZON</b>	<b>1,343,441</b>
MT. PROVINCE	126,452	<b>RIZAL</b>	<b>1,135,077</b>
<b>BAGUIO CITY</b>	<b>205,733</b>	<b>ROMBLON</b>	<b>246,137</b>
<b>REGION 1</b>	<b>3,877,870</b>	<b>BATANGAS CITY</b>	<b>200,957</b>
ILOCOS NORTE	409,907	<b>CAVITE CITY</b>	<b>102,953</b>
ILOCOS SUR	561,894	<b>LIPA CITY</b>	<b>173,938</b>
LA UNION	602,177	<b>LUCENA CITY</b>	<b>165,635</b>
PANGASINAN	1,942,947	<b>PUERTO PRINCESSA CITY</b>	<b>103,872</b>
<b>DAGUPAN CITY</b>	<b>133,792</b>	<b>SAN PABLO CITY</b>	<b>181,832</b>
<b>LAOAG CITY</b>	<b>90,864</b>	<b>TAGAYTAY CITY</b>	<b>26,671</b>
<b>SAN CARLOS CITY</b>	<b>136,289</b>	<b>TRECE MARTIRES CITY</b>	<b>17,625</b>
<b>REGION 2</b>	<b>2,585,679</b>	<b>REGION 5</b>	<b>4,292,444</b>
BATANES	16,172	<b>ALBAY</b>	<b>857,106</b>
CAGAYAN	907,591	<b>CAMARINES NORTE</b>	<b>438,507</b>
ISABELA	1,199,466	<b>CAMARINES SUR</b>	<b>1,238,836</b>
NUEVA VIZCAYA	333,596	<b>CATANDUANES</b>	<b>205,377</b>
QUIRINO	128,854	<b>MASBATE</b>	<b>644,402</b>
<b>REGION 3</b>	<b>6,838,887</b>	<b>SORSOGON</b>	<b>565,140</b>
BATAAN	473,368	<b>IRIGA CITY</b>	<b>82,438</b>
BULACAN	1,676,204	<b>LEGASPI CITY</b>	<b>132,635</b>
NUEVA ECIJA	1,134,712	<b>NAGA CITY</b>	<b>128,003</b>
PAMPANGA	1,431,453	<b>REGION 6</b>	<b>5,900,245</b>
TARLAC	941,669	<b>AKLAN</b>	<b>414,317</b>
ZAMBALES	405,431	<b>ANTIQUE</b>	<b>443,750</b>
<b>ANGELES CITY</b>	<b>261,438</b>	<b>CAPIZ</b>	<b>526,722</b>
		<b>ILOILO</b>	<b>1,446,083</b>
		<b>NEGROS OCC.</b>	<b>1,518,403</b>
		<b>GUIMARAS</b>	<b>123,220</b>
		<b>BACOLOD CITY</b>	<b>398,722</b>

Note: Sum of Regional Population may not add up to Philippine Population due to rounding off.



TABLE 2

**ESTIMATED POPULATION  
BY HEALTH REGION, PROVINCE AND CITY  
PHILIPPINES  
1993**

AREA	POPULATION	AREA	POPULATION
BAGO CITY	134,527	REGION 10	3,899,760
CADIZ CITY	131,144		
ILOILO CITY	363,033	AGUSAN DEL NORTE	261,061
LA CARLOTA CITY	61,810	AGUSAN DEL SUR	486,766
ROXAS CITY	112,138	BUKIDNON	955,457
SAN CARLOS CITY	115,751	CAMIGUIN	69,441
SILAY CITY	110,625	MISAMIS OCC.	256,761
		MISAMIS OR.	488,747
REGION 7	5,046,362	SURIGAO DEL NORTE	360,471
BOHOL	977,526	BUTUAN CITY	250,307
CEBU	1,674,273	CAGAYAN DEL ORO	374,789
NEGROS OR.	812,914	GINGOOG CITY	91,149
SIQUIJOR	79,489	OROQUIETA CITY	56,784
		OZAMIS CITY	98,962
BAIS CITY	64,754	SURIGAO CITY	102,633
CANLAON CITY	40,391	TANGUB CITY	46,432
CEBU CITY	674,031		
DANAO CITY	81,001	REGION 11	4,982,527
DUMAGUETE CITY	87,210		
LAPU-LAPU CITY	161,441	COTABATO SOUTH	602,844
MANDAWE CITY	199,084	DAVAO ORIENTAL	432,931
TAGBILARAN CITY	61,764	DAVAO DEL NORTE	1,192,021
TOLEDO CITY	132,484	DAVAO DEL SUR	699,111
		SURIGAO DEL SUR	498,750
REGION 8	3,365,329	SARANGANI	338,012
LEYTE DEL NORTE	1,223,014	DAVAO CITY	939,005
LEYTE DEL SUR	358,315	GEN. SANTOS CITY	284,853
EASTERN SAMAR	359,624		
NORTHERN SAMAR	419,404	REGION 12	2,262,407
WESTERN SAMAR	457,290		
BILIRAN	126,702	LANAO DEL NORTE	430,491
		NORTH COTABATO	850,924
CALBAYOG CITY	126,150	SULTAN KUDARAT	485,262
ORMOC CITY	143,302		
TACLOBAN CITY	151,528	COTABATO CITY	142,108
		ILIGAN CITY	251,695
REGION 9	2,738,149	MARAWI CITY	101,927
BASILAN	260,443		
ZAMBO. DEL NORTE	596,230	A.R.M.M.	2,008,966
ZAMBO. DEL SUR	1,113,621		
		LANAO DEL SUR	560,529
DAPITAN CITY	65,947	MAGUINDANAO	703,947
DIPOLOG CITY	88,734	SULU	498,988
PAGADIAN CITY	118,816	TAWI-TAWI	245,502
ZAMBOANGA CITY	494,358		

TABLE 3

**ESTIMATED POPULATION**  
**No. & Percentage Distribution, By Age & Sex**  
**PHILIPPINES**  
**1993**

AGE GROUP	POPULATION			PERCENTAGE DISTRIBUTION		
	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES
ALL AGES	33,653,668	33,327,946	66,981,614	50.2	49.8	100.0
Under 1 yr.	1,019,239	979,391	1,998,630	1.5	1.5	3.0
1 - 4 yrs.	3,741,804	3,571,449	7,313,253	5.6	5.3	10.9
5 - 9 yrs.	4,221,829	4,026,748	8,248,577	6.3	6.0	12.3
10 - 14 yrs.	3,997,795	3,816,081	7,813,876	6.0	5.7	11.7
15 - 19 yrs.	3,626,552	3,451,282	7,077,834	5.4	5.2	10.6
20 - 24 yrs.	3,194,731	3,061,890	6,256,621	4.8	4.6	9.3
25 - 29 yrs.	2,772,489	2,783,299	5,555,788	4.1	4.2	8.3
30 - 34 yrs.	2,357,068	2,509,508	4,866,576	3.5	3.7	7.3
35 - 39 yrs.	2,010,106	2,138,645	4,148,751	3.0	3.2	6.2
40 - 44 yrs.	1,669,244	1,694,212	3,363,456	2.5	2.5	5.0
45 - 49 yrs.	1,323,233	1,308,731	2,631,964	2.0	2.0	3.9
50 - 54 yrs.	1,056,334	1,057,439	2,113,773	1.6	1.6	3.2
55 - 59 yrs.	840,408	869,195	1,709,603	1.3	1.3	2.6
60 - 64 yrs.	640,174	689,126	1,329,300	1.0	1.0	2.0
65 - 69 yrs.	469,911	527,620	997,531	0.7	0.8	1.5
70 yrs. & Over	712,751	843,330	1,556,081	1.1	1.3	2.3

# ESTIMATED POPULATION BY AGE AND SEX PHILIPPINES, 1993

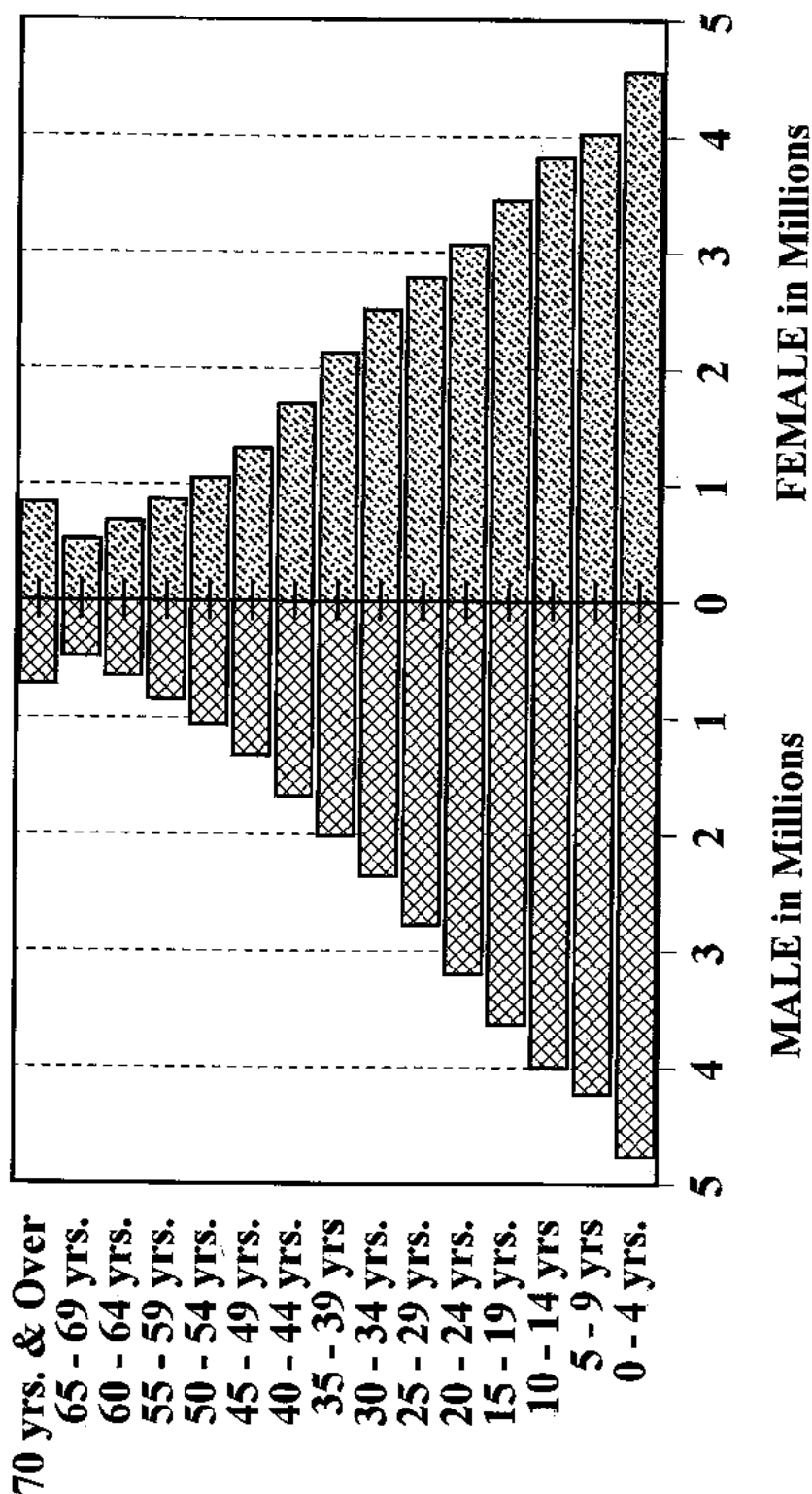


Fig. 3

TABLE 4

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

**No. & Rate  
PHILIPPINES, 1947 - 1993**

YEAR	BIRTHS		DEATHS		DEATHS UNDER 1 YR.		MATERNAL DEATHS		FETAL DEATHS	
	Number	Rate**	Number	Rate*	Number	Rate**	Number	Rate**	Number	Rate**
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	***	-
1955	734,761	30.9	219,798	9.3	61,958	84.3	2,339	3.2	***	-
1954	702,662	30.5	217,650	9.5	66,175	94.2	2,214	3.2	***	-
1953	661,939	29.7	239,988	10.8	69,729	105.3	2,397	3.6	***	-
1952	648,725	30.0	241,020	11.1	65,883	101.6	2,511	3.9	***	-
1951	637,264	30.4	237,937	11.4	67,209	105.5	2,645	4.2	***	-
1950	642,472	31.7	226,505	11.2	65,273	101.6	2,406	3.7	***	-
1949	609,138	30.9	231,151	11.7	66,114	108.5	1,818	3.0	***	-
1948	602,415	31.5	234,467	12.2	68,897	114.4	2,468	4.1	***	-
1947	572,226	30.5	238,527	12.7	63,809	111.5	2,425	4.2	***	-

\* Per 1,000 Population

\*\* Per 1,000 Livebirths

\*\*\* No data available

# CRUDE BIRTH AND DEATH RATES

## Rate per 1,000 Population

### PHILIPPINES, 1947-1993

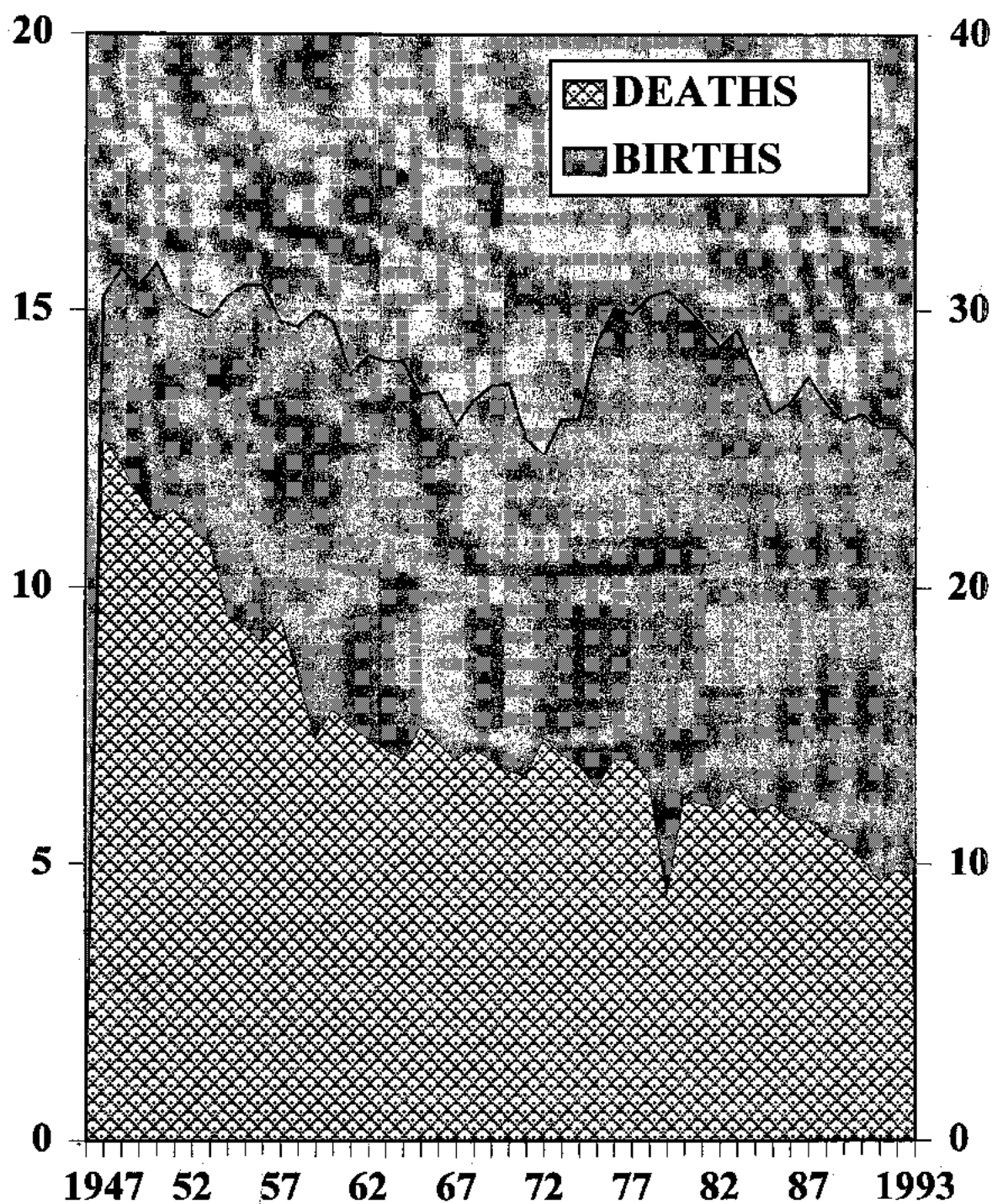


Fig. 4

# INFANT AND MATERNAL DEATH RATES

Rate per 1,000 Livebirths

PHILIPPINES, 1947-1993

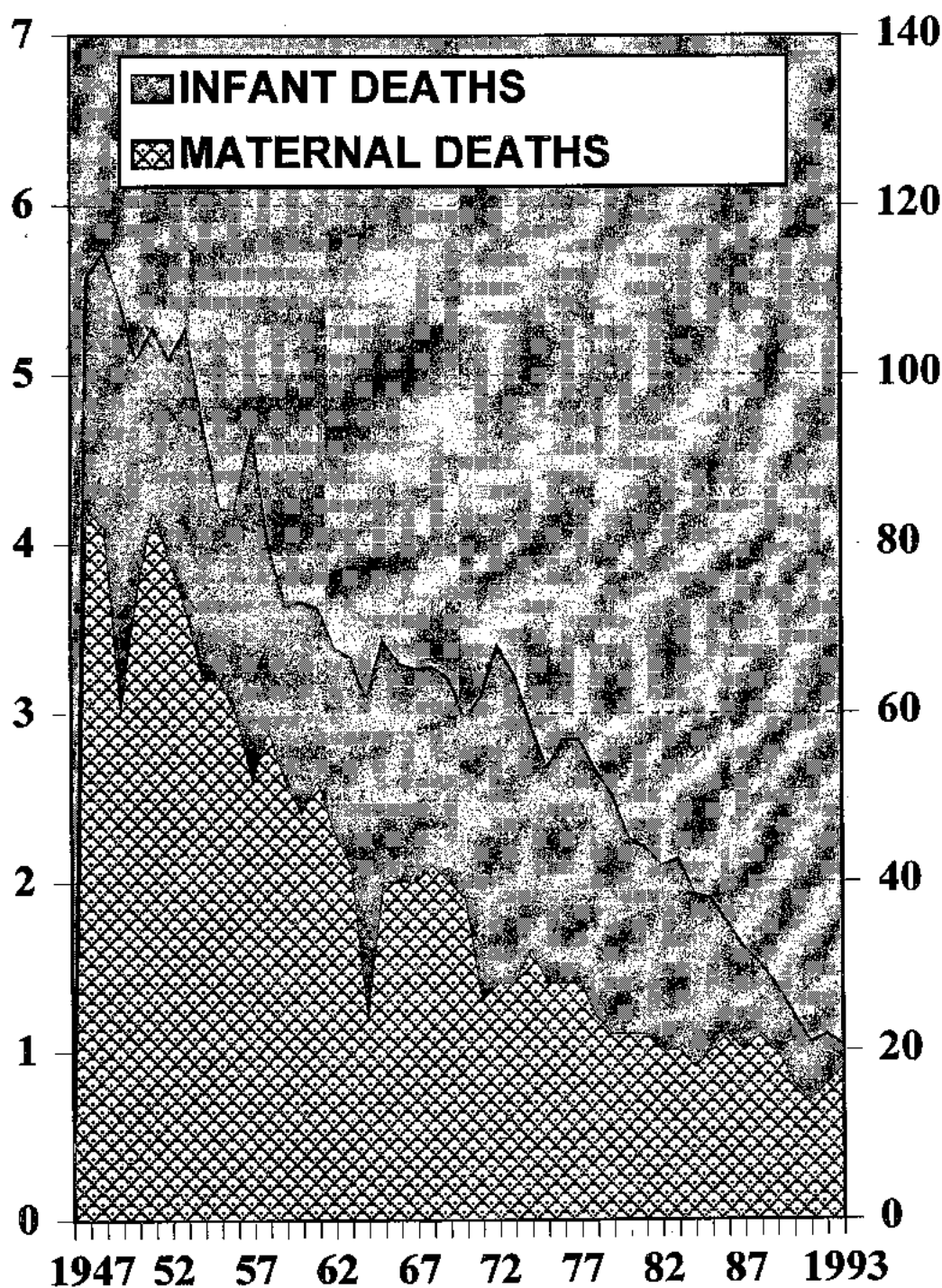


Fig. 5

TABLE 5

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

**No. & Rate  
PHILIPPINES  
1993**

AREA	BIRTHS *		TOTAL DEATHS		DEATHS UNDER 1 YR.		FETAL DEATHS		MATERNAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
<b>PHILIPPINES</b>	<b>1,680,724</b>	<b>25.1</b>	<b>318,546</b>	<b>4.8</b>	<b>34,673</b>	<b>20.6</b>	<b>9,338</b>	<b>5.6</b>	<b>1,548</b>	<b>0.9</b>
<b>NAT. CAP. REGION</b>	<b>283,445</b>	<b>32.5</b>	<b>52,797</b>	<b>6.1</b>	<b>7,033</b>	<b>24.8</b>	<b>1,201</b>	<b>4.2</b>	<b>137</b>	<b>0.5</b>
1ST DIST. MANILA	54,251	20.5	17,089	6.5	1,530	28.2	22	0.4	21	0.4
2ND DIST. MUN.	35,523	31.5	6,473	5.7	1,026	28.9	297	8.4	25	0.7
QUEZON CITY	63,443	34.6	12,975	7.1	1,257	19.8	194	3.1	29	0.5
3RD DIST. MUN.	29,720	32.8	3,296	3.6	775	26.1	64	2.2	12	0.4
CALOOCAN CITY	29,509	35.1	3,944	4.7	815	27.6	171	5.8	13	0.4
4TH DIST. MUN.	59,454	61.7	7,304	7.6	1,347	22.7	394	6.6	34	0.6
PASAY CITY	11,545	28.6	1,716	4.2	283	24.5	59	5.1	3	0.3
<b>C.A.R.</b>	<b>30,583</b>	<b>24.2</b>	<b>4,382</b>	<b>3.5</b>	<b>438</b>	<b>14.3</b>	<b>87</b>	<b>2.8</b>	<b>30</b>	<b>1.0</b>
ABRA	4,588	23.0	1,074	5.4	109	23.8	0	0.0	7	1.5
BENGUET	8,371	24.6	861	2.5	106	12.7	53	6.3	6	0.7
IFUGAO	3,656	22.6	362	2.2	45	12.3	4	1.1	6	1.6
KALINGA APAYAO	4,545	19.6	587	2.5	60	13.2	3	0.7	4	0.9
MT. PROVINCE	2,781	22.0	423	3.3	44	15.8	0	0.0	3	1.1
BAGUIO CITY	6,642	32.3	1,075	5.2	74	11.1	27	4.1	4	0.6
<b>REGION 1</b>	<b>100,458</b>	<b>25.9</b>	<b>24,977</b>	<b>6.4</b>	<b>2,447</b>	<b>24.4</b>	<b>686</b>	<b>6.8</b>	<b>99</b>	<b>1.0</b>
ILOCOS NORTE	8,986	21.9	2,672	6.5	209	23.3	69	7.7	3	0.3
ILOCOS SUR	12,572	22.4	3,662	6.5	251	20.0	75	6.0	17	1.4
LA UNION	15,992	26.6	4,097	6.8	369	23.1	109	6.8	19	1.2
PANGASINAN	53,359	27.5	11,180	5.8	1,367	25.6	344	6.4	51	1.0
DAGUPAN CITY	4,350	32.5	1,710	12.8	127	29.2	54	12.4	5	1.1
LAOAG CITY	1,996	22.0	741	8.2	48	24.0	25	12.5	1	0.5
SAN CARLOS CITY	3,203	23.5	915	6.7	76	23.7	10	3.1	3	0.9
<b>REGION 2</b>	<b>63,912</b>	<b>24.7</b>	<b>12,651</b>	<b>4.9</b>	<b>1,427</b>	<b>22.3</b>	<b>286</b>	<b>4.5</b>	<b>59</b>	<b>0.9</b>
BATANES	383	23.7	110	6.8	11	28.7	3	7.8	0	0.0
CAGAYAN	22,615	24.9	5,027	5.5	583	25.8	100	4.4	27	1.2
ISABELA	29,548	24.6	5,630	4.7	640	21.7	140	4.7	21	0.7
NUEVA VIZCAYA	7,826	23.5	1,443	4.3	135	17.3	39	5.0	7	0.9
QUIRINO	3,540	27.5	441	3.4	58	16.4	4	1.1	4	1.1
<b>REGION 3</b>	<b>178,251</b>	<b>26.1</b>	<b>32,280</b>	<b>4.7</b>	<b>2,850</b>	<b>16.0</b>	<b>904</b>	<b>5.1</b>	<b>93</b>	<b>0.5</b>
BATAAN	12,751	26.9	2,122	4.5	187	14.7	72	5.6	2	0.2
BULACAN	45,848	27.4	8,737	5.2	954	20.8	372	8.1	28	0.6
NUEVA ECJA	27,781	24.5	4,879	4.3	410	14.8	85	3.1	12	0.4
PAMPANGA	37,065	25.9	5,433	3.8	371	10.0	48	1.3	12	0.3
TARLAC	25,593	27.2	4,933	5.2	423	16.5	137	5.4	10	0.4
ZAMBALES	9,670	23.9	1,928	4.8	168	17.4	59	6.1	11	1.1
ANGELES CITY	7,275	27.8	1,231	4.7	93	12.8	48	6.6	0	0.0

\* Philippine Total Births include births of foreign nationals in the country = 172

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

**No. & Rate  
PHILIPPINES  
1993**

AREA	BIRTHS *		TOTAL DEATHS		DEATHS UNDER 1 YR.		FETAL DEATHS		MATERNAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
CABANATUAN CITY	4,499	23.7	1,445	7.6	81	18.0	0	0.0	2	0.4
OLONGAPO CITY	4,610	21.7	837	3.9	83	18.0	54	11.7	11	2.4
PALAYAN CITY	609	27.2	74	3.3	7	11.5	1	1.6	—	0.0
SAN JOSE CITY	2,550	28.1	661	7.3	73	28.6	28	11.0	5	2.0
<b>REGION 4</b>	<b>258,726</b>	<b>28.1</b>	<b>45,577</b>	<b>5.0</b>	<b>5,819</b>	<b>22.5</b>	<b>2,203</b>	<b>8.5</b>	<b>214</b>	<b>0.8</b>
AURORA	4,756	30.2	674	4.3	93	19.6	9	1.9	5	1.1
BATANGAS	34,451	28.0	6,037	4.9	640	18.6	252	7.3	19	0.6
CAVITE	30,316	26.4	5,388	4.7	660	21.8	312	10.3	14	0.5
LAGUNA	37,848	27.8	6,659	4.9	815	21.5	268	7.1	14	0.4
MARINDUQUE	6,117	30.9	1,282	6.5	156	25.5	115	18.8	4	0.7
MINDORO OCC.	8,452	27.1	1,152	3.7	136	16.1	28	3.3	9	1.1
MINDORO OR.	17,859	29.4	2,846	4.7	338	18.9	116	6.5	16	0.9
PALAWAN	10,612	21.6	1,189	2.4	155	14.6	1	0.1	13	1.2
QUEZON	39,045	29.1	7,572	5.6	1,090	27.9	419	10.7	59	1.5
RIZAL	35,402	31.2	4,619	4.1	866	24.5	338	9.5	35	1.0
ROMBLON	6,327	25.7	1,372	5.6	211	33.3	50	7.9	4	0.6
BATANGAS CITY	6,031	30.0	1,307	6.5	119	19.7	52	8.6	2	0.3
CAVITE CITY	2,421	23.5	670	6.5	79	32.6	39	16.1	3	1.2
LIPA CITY	5,340	30.7	1,105	6.4	128	24.0	23	4.3	2	0.4
LUCENA CITY	4,884	29.5	1,449	8.7	138	28.3	86	17.6	7	1.4
PUERTO PRINCESSA	2,935	28.3	511	4.9	55	18.7	11	3.7	4	1.4
SAN PABLO CITY	4,725	26.0	1,302	7.2	110	23.3	66	14.0	4	0.8
TAGAYTAY CITY	670	25.1	102	3.8	19	28.4	7	10.4	—	0.0
TRECE MARTIRES	535	30.4	341	19.3	11	20.6	11	20.6	—	0.0
<b>REGION 5</b>	<b>118,303</b>	<b>27.6</b>	<b>22,221</b>	<b>5.2</b>	<b>2,550</b>	<b>21.6</b>	<b>734</b>	<b>6.2</b>	<b>176</b>	<b>1.5</b>
ALBAY	26,719	31.2	4,682	5.5	477	17.9	198	7.4	37	1.4
CAMARINES NORTE	11,819	27.0	2,787	6.4	533	45.1	* 169	14.3	19	1.6
CAMARINES SUR	36,285	29.3	5,366	4.3	622	17.1	164	4.5	48	1.3
CATANDUANES	6,315	30.7	1,311	6.4	170	26.9	58	9.2	7	1.1
MASBATE	9,895	15.4	1,973	3.1	234	23.6	31	3.1	24	2.4
SORSOGON /	16,223	28.7	3,320	5.9	345	21.3	71	4.4	19	1.2
IRIGA CITY	2,849	34.6	520	6.3	40	14.0	0	0.0	7	2.5
LEGASPI CITY	3,876	29.2	1,008	7.6	63	16.3	22	5.7	7	1.8
NAGA CITY	4,322	33.8	1,254	9.8	66	15.3	21	4.9	8	1.9
<b>REGION 6</b>	<b>119,081</b>	<b>20.2</b>	<b>31,557</b>	<b>5.3</b>	<b>2,701</b>	<b>22.7</b>	<b>631</b>	<b>5.3</b>	<b>113</b>	<b>0.9</b>
AKLAN	9,130	22.0	2,568	6.2	219	24.0	37	4.1	6	0.7
ANTIQUE	9,615	21.7	2,789	6.3	272	28.3	70	7.3	7	0.7
CAPIZ	10,479	19.9	2,457	4.7	311	29.7	51	4.9	14	1.3
ILOILO	28,605	19.8	7,649	5.3	739	25.8	136	4.8	26	0.9
NEGROS OCC.	30,723	20.2	5,790	3.8	564	18.4	130	4.2	22	0.7
GUIMARAS	2045	16.6	312	2.5	22	10.8	1	0.5	0	0.0
BACOLOD CITY	6,158	15.4	3,496	8.8	145	23.5	62	10.1	10	1.6



TABLE 5

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

**No. & Rate  
PHILIPPINES  
1993**

AREA	BIRTHS *		TOTAL DEATHS		DEATHS UNDER 1 YR.		FETAL DEATHS		MATERNAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
BAGO CITY	1,965	14.6	555	4.1	47	23.9	1	0.5	4	2.0
CADIZ CITY	2,866	21.9	494	3.8	33	11.5	4	1.4	4	1.4
ILOILO CITY	8,067	22.2	2,988	8.2	135	16.7	40	5.0	4	0.5
LA CARLOTA CITY	928	15.0	271	4.4	30	32.3	15	16.2	1	1.1
ROXAS CITY	3,266	29.1	933	8.3	90	27.6	45	13.8	6	1.8
SAN CARLOS CITY	2,780	24.0	637	5.5	51	18.3	19	6.8	6	2.2
SILAY CITY	2,454	22.2	618	5.6	43	17.5	20	8.1	3	1.2
<b>REGION 7</b>	<b>139,026</b>	<b>27.5</b>	<b>27,170</b>	<b>5.4</b>	<b>3,079</b>	<b>22.1</b>	<b>961</b>	<b>6.9</b>	<b>139</b>	<b>1.0</b>
BOHOL	24,289	24.8	4,920	5.0	639	26.3	153	6.3	30	1.2
CEBU	46,523	27.8	8,592	5.1	1,120	24.1	287	6.2	57	1.2
NEGROS OR.	20,704	25.5	2,413	3.0	278	13.4	27	1.3	15	0.7
SIQUIJOR	1,681	21.1	573	7.2	47	28.0	16	9.5	-	0.0
BAIS CITY	1,662	25.7	5	0.1	2	1.2	3	1.8	-	0.0
CANLAON CITY	1,000	24.8	246	6.1	65	65.0	5	5.0	2	2.0
CEBU CITY	20,901	31.0	6,028	8.9	449	21.5	234	11.2	14	0.7
DANAO CITY	2,752	34.0	484	6.0	78	28.3	36	13.1	2	0.7
DUMAGUETE CITY	2,211	25.4	1,165	13.4	39	17.6	27	12.2	3	1.4
LAPU-LAPU CITY	5,628	34.9	801	5.0	127	22.6	84	14.9	2	0.4
MANDAWE CITY	5,818	29.2	726	3.6	148	25.4	65	11.2	10	1.7
TAGBILARAN CITY	1,950	31.6	681	11.0	20	10.3	6	3.1	-	0.0
TOLEDO CITY	3,907	29.5	536	4.0	67	17.1	18	4.6	4	1.0
<b>REGION 8</b>	<b>60,178</b>	<b>17.9</b>	<b>15,232</b>	<b>4.5</b>	<b>1,453</b>	<b>24.1</b>	<b>192</b>	<b>3.2</b>	<b>114</b>	<b>1.9</b>
LEYTE DEL NORTE	27,198	22.2	5,710	4.7	564	20.7	69	2.5	44	1.6
LEYTE DEL SUR	8,247	23.0	1,891	5.3	181	21.9	58	7.0	6	0.7
EASTERN SAMAR	3,389	9.4	670	1.9	23	6.8	4	1.2	2	0.6
NORTHERN SAMAR	5,992	14.3	2,774	6.6	359	59.9	15	2.5	36	6.0
WESTERN SAMAR	4,052	8.9	972	2.1	62	15.3	4	1.0	11	2.7
BILIRAN	2,755	21.7	456	3.6	32	11.6	5	1.8	2	0.7
CALBAYOG CITY	1,610	12.8	610	4.8	65	40.4	0	0.0	5	3.1
ORMOC CITY	3,678	25.7	723	5.0	60	16.3	11	3.0	3	0.8
TACLOBAN CITY	3,257	21.5	1,426	9.4	107	32.9	26	8.0	5	1.5
<b>REGION 9</b>	<b>62,689</b>	<b>22.9</b>	<b>8,521</b>	<b>3.1</b>	<b>914</b>	<b>14.6</b>	<b>265</b>	<b>4.2</b>	<b>77</b>	<b>1.2</b>
BASILAN	1,875	7.2	459	1.8	31	16.5	31	16.5	1	0.5
ZAMBO. DEL NORTE	13,540	22.7	1,480	2.5	191	14.1	11	0.8	21	1.6
ZAMBO. DEL SUR	27,576	24.8	2,562	2.3	252	9.1	69	2.5	36	1.3
DAPITAN CITY	1,618	24.5	393	6.0	41	25.3	22	13.6	-	0.0
DIPOLOG CITY	2,508	28.3	565	6.4	71	28.3	25	10.0	1	0.4
PAGADIAN CITY	3,409	28.7	456	3.8	27	7.9	4	1.2	3	0.9
ZAMBOANGA CITY	12,163	24.6	2,606	5.3	301	24.7	103	8.5	15	1.2

**No. & Rate**  
**PHILIPPINES**  
**1993**

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**LIVEBIRTHS, DEATHS, INFANT & FETAL DEATHS  
BY MONTH OF OCCURENCE  
No. & Percent Distribution  
PHILIPPINES  
1993**

MONTH	BIRTHS		DEATHS		INFANT DEATHS		FETAL DEATHS	
	Number	%	Number	%	Number	%	Number	%
JANUARY	141,872	8.4	27,874	8.8	2,953	8.5	780	8.4
FEBRUARY	119,126	7.1	24,971	7.8	2,693	7.8	707	7.6
MARCH	127,046	7.6	26,191	8.2	2,833	8.2	765	8.2
APRIL	130,470	7.8	25,099	7.9	2,586	7.5	695	7.4
MAY	139,385	8.3	26,588	8.3	2,751	7.9	782	8.4
JUNE	128,473	7.6	24,923	7.8	2,610	7.5	758	8.1
JULY	134,456	8.0	27,473	8.6	2,899	8.4	819	8.8
AUGUST	144,140	8.6	29,205	9.2	3,304	9.5	858	9.2
SEPTEMBER	156,279	9.3	26,304	8.3	3,054	8.8	871	9.3
OCTOBER	155,477	9.2	26,674	8.4	2,976	8.6	836	9.0
NOVEMBER	151,002	9.0	25,755	8.1	3,051	8.8	781	8.4
DECEMBER	153,170	9.1	27,489	8.6	2,963	8.5	686	7.3
<b>TOTAL</b>	<b>1,680,896</b>	<b>100.0</b>	<b>318,546</b>	<b>100.0</b>	<b>34,673</b>	<b>100.0</b>	<b>9,338</b>	<b>100.0</b>

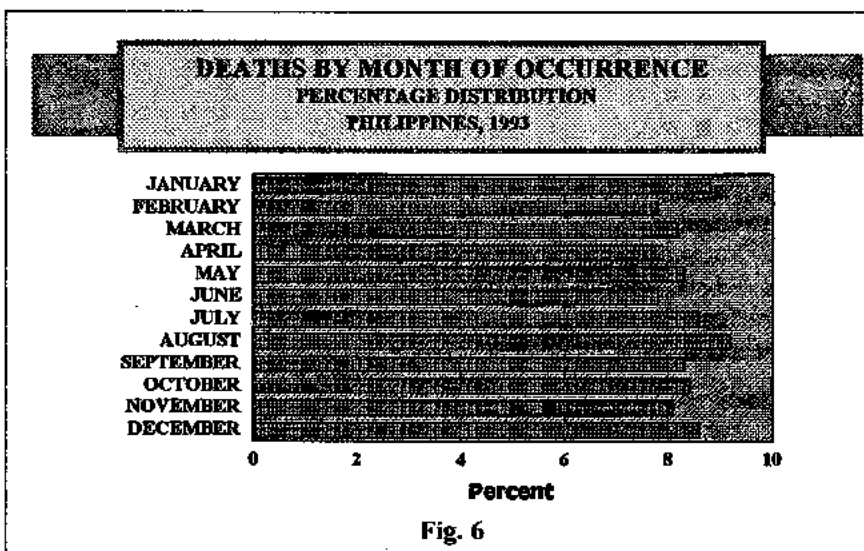
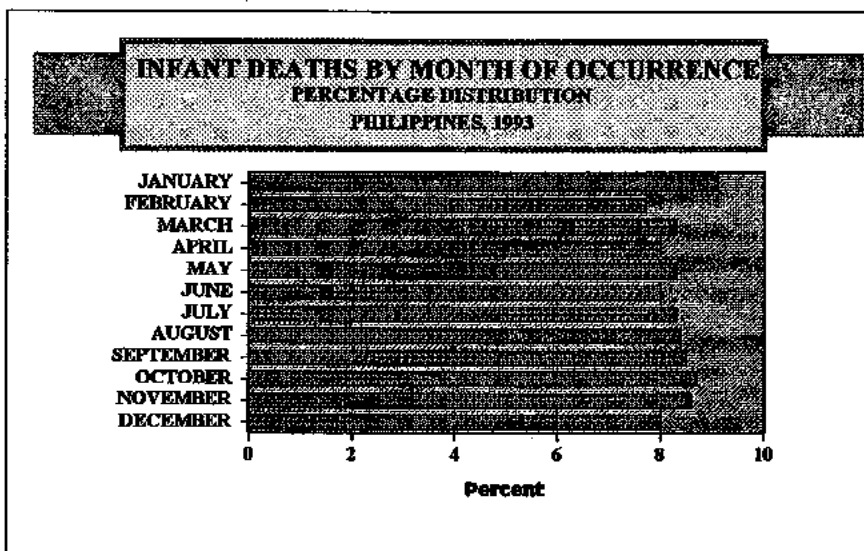
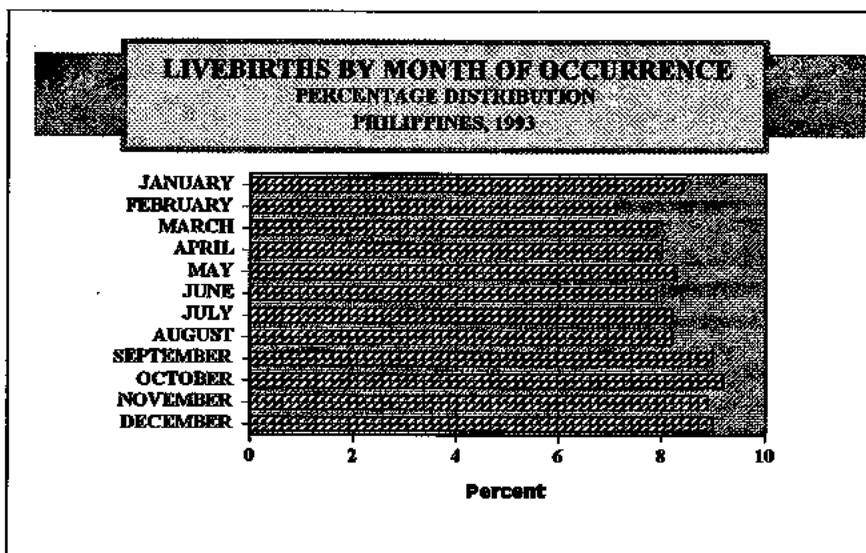


TABLE 7

**TOTAL LIVEBIRTHS, FEMALE POPULATION (15-49 YEARS)  
& FERTILITY RATE BY HEALTH REGION  
PHILIPPINES  
1993**

AREA	TOTAL LIVEBIRTHS	FEMALE POPULATION (15 - 49 Years)	FERTILITY RATE
<b>PHILIPPINES</b>	<b>1,680,896</b>	<b>16,947,556</b>	<b>99.2</b>
NCR	283,445	2,667,325	106.3
CAR	30,583	310,610	98.5
REGION 1	100,458	946,130	106.2
REGION 2	63,912	624,881	102.3
REGION 3	178,251	1,770,458	100.7
REGION 4	258,726	2,335,200	110.8
REGION 5	118,303	964,053	122.7
REGION 6	119,081	1,418,729	83.9
REGION 7	139,026	1,232,519	112.8
REGION 8	60,178	741,183	81.2
REGION 9	62,689	667,426	93.9
REGION 10	97,259	943,822	103.0
REGION 11	114,780	1,230,870	93.3
REGION 12	46,571	557,444	83.5
ARMM	7,462	536,906	13.9
FOREIGN COUNTRIES	172		

\* Total Philippines include births of Foreign Women Nationals in the country - 172

# FERTILITY RATE BY HEALTH REGION

## PHILIPPINES

### 1993

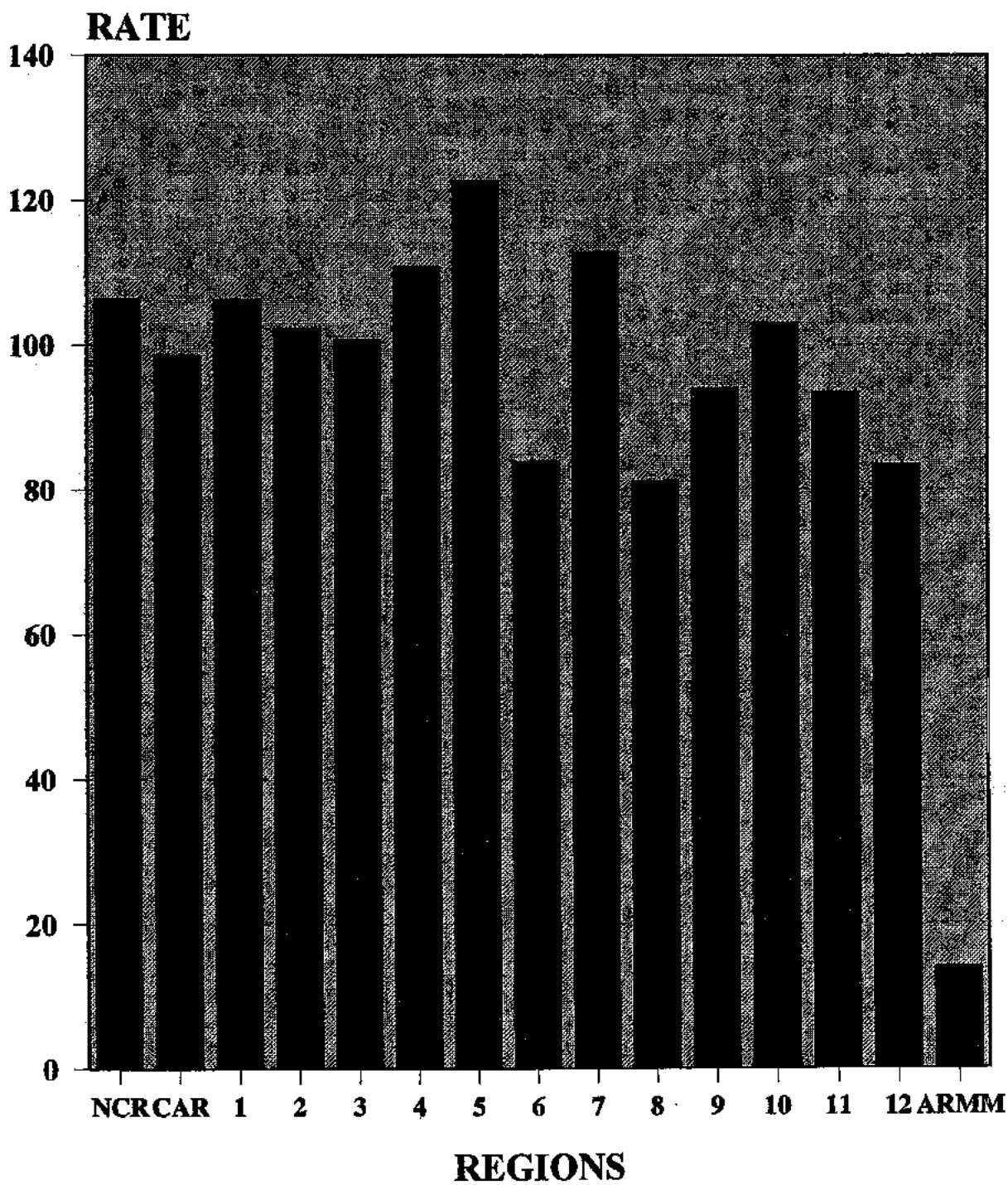


Fig. 7

## NATALITY STATISTICS

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

A total of 1, 680,896 births were registered in 1993. This indicates a corresponding rate of 25.1 births per 1, 000 population. Present figures, however, do not represent the actual number of babies born per year because of underregistration.

**BIRTHS BY PLACE OF OCCURRENCE** - Geographical distribution of livebirths (Table 5) shows that majority (283,445 or 16.9%) of the total registered livebirths were born in the Metropolitan Manila Area (NCR), followed by Region IV (Southern Tagalog) with 258,726 or 15.4% and Region III (Central Luzon) with 178,251 or 10.6%. On the contrary, the least birth total were reported in ARMM, Region XII and Region VIII with 7,462 or .44%; 46,571 or 2.8%; and 60,178 or 3.6% respectively.

**LIVEBIRTHS BY MONTH OF OCCURRENCE** - Table 6 features the number of registered livebirths by month of occurrence. In 1993, the most livebirths occurred in September (156,279 or 9.3%) followed closely by October (155,477 or 9.2%) and December (153,170 or 9.1%). Meanwhile, the least monthly totals were posted in February and March (119,126 or 7.1% and 127,046 or 7.6% respectively).

**LIVEBIRTHS BY AGE OF MOTHER** - Table 11 shows that the most number (485,701 or 28.9%) of registered livebirths occurred to mothers who were of age group 25-29 years. Those born to mothers in the 20-24 age bracket came next with a total of 483,380 or 28.8%, while those born to mothers of age group 30-34 placed third numbering 335,218 or 19.9%.

**LIVEBIRTHS BY ATTENDANT OF BIRTH** - More than half of the national count were births attended by medically trained personnel such as physicians, nurses and midwives (1,680,896). Those attended by traditional midwives or the so called "hilots" numbered 646,670. Among the regions NCR reported a high number of medically attended births (283,617). Three other regions namely, Region III, Region I and Region VII showed more than half of their total recorded births were attended by medically-trained personnel - 178,251; 100,458; and 139,026 respectively. These regions have key cities and various medical institutions, health centers and medical facilities. The rest of the regions had births mostly attended by unlicensed midwives. This may be due to inaccessibility of health centers and few medical personnel in their areas.

**BIRTH BY SEX** - The increase in sex ratio as shown in Table 8 revealed an increasing proportion of male births. There were 875,540 male births against 805,356 female births or a sex ratio of 109 males to 100 females.

#### **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 1947 to 1993 is shown on Table 4.

In 1947, the Crude Birth Rate (CBR) went down to 30.5, went up again the following year and remained stable till 1952. From 1952 to 1959, an average rate of 30 births per 1,000 population prevailed. After this period a declining trend in CBR was observed. However, in 1969 and 1970, it again rose to 27.3 and 27.4 respectively. It declined once more in 1971, registering only 25.4. It declined further in 1972 to the lowest rate ever recorded (24.8). However, the rates from 1973-1980 soared from 26.1 to 30.2. The CBR went up to an all time high of 30.7 in 1979. The rates from 1981 to 1993 showed a declining trend except for 1986 and 1987 when a minimal increase of 0.40 and 0.90 per 1,000 population was recorded. For 1993, the crude birth rate is 25.1 as compared to 25.8 in 1992.

**BIRTH BY SEX** - The increase in sex ratio as shown in Table 8 revealed an increasing proportion of male births. There were 877,885 male births against 806,510 female births or a sex ratio of 109 males to 100 females.

**BIRTH BY ATTENDANT** - Of the total births registered for 1992 (1,684,395) only 999,729 (59.4%) had the benefit of medical attendance, as shown in Tables 9 and 10. The NCR registered the highest medically attended deliveries at 88.4% and Region 12 had the lowest medically attended deliveries at 48.5%.

**BIRTH BY AGE OF MOTHER AND NUMBER OF LIVING CHILDREN** - Table 12 shows the number of living children relative to the age of the mother. Excluded from this category were children born alive but who died before the delivery of the latest child. Generally, the number of living children increases as the age of the mother increases.

#### **GENERAL FERTILITY RATE**

Fertility is a demographic phenomenon greatly responsible for setting population trends. The fertility of a country is measured in terms of total number of livebirths per 1,000 female population of child-bearing age (15-49 years). In 1992, the female population of such group is 16,479,996 while the total livebirths registered was 1,684,395 with a general fertility rate of 102.2 which is lower than that of the previous year (103.1).



TABLE 8

**LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	BOTH SEXES	MALE	FEMALE
<b>PHILIPPINES</b>	<b>1,680,896</b>	<b>875,540</b>	<b>805,356</b>
<b>NAT. CAP. REGION</b>	<b>299,215</b>	<b>156,059</b>	<b>143,156</b>
1ST DIST. MANILA	105,339	54,946	50,393
2ND DIST. MUN.	37,066	19,348	17,718
QUEZON CITY	61,366	32,023	29,343
3RD DIST. MUN.	19,347	10,039	9,308
CALOOCAN CITY	20,976	10,916	10,060
4TH DIST. MUN.	46,124	24,058	22,066
PASAY CITY	8,997	4,729	4,268
<b>C.A.R.</b>	<b>30,879</b>	<b>16,030</b>	<b>14,849</b>
ABRA	4,590	2,364	2,226
BENGUET	8,237	4,250	3,987
IFUGAO	3,632	1,859	1,773
KALINGA APAYAO	4,488	2,297	2,191
MT. PROVINCE	2,729	1,462	1,267
BAGUIO CITY	7,203	3,798	3,405
<b>REGION 1</b>	<b>100,071</b>	<b>52,317</b>	<b>47,754</b>
ILOCOS NORTE	8,867	4,635	4,232
ILOCOS SUR	12,500	6,513	5,987
LA UNION	16,117	8,354	7,763
PANGASINAN	49,318	25,811	23,507
DAGUPAN CITY	6,864	3,639	3,225
LAOAG CITY	2,141	1,114	1,027
SAN CARLOS CITY	4,264	2,251	2,013
<b>REGION 2</b>	<b>63,826</b>	<b>33,602</b>	<b>30,224</b>
BATANES	381	194	187
CAGAYAN	22,614	11,860	10,754
ISABELA	29,489	15,660	13,829
NUEVA VIZCAYA	3,508	1,785	1,723
QUIRINO	7,834	4,103	3,731
<b>REGION 3</b>	<b>175,741</b>	<b>92,158</b>	<b>83,583</b>
BATAAN	12,511	6,538	5,973
BULACAN	43,605	22,936	20,669
NUEVA ECIJA	24,555	12,815	11,740
PAMPANGA	36,749	19,296	17,453
TARLAC	25,642	13,583	12,059
ZAMBALES	9,466	4,813	4,653
ANGELES CITY	7,513	3,920	3,593

\* Includes births by foreign nationals.

**LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	BOTH SEXES	MALE	FEMALE
CABANATUAN CITY	7,779	4,122	3,657
OLONGAPO CITY	4,849	2,534	2,315
PALAYAN CITY	472	233	239
SAN JOSE CITY	2,600	1,368	1,232
<b>REGION 4</b>	<b>246,101</b>	<b>127,794</b>	<b>118,307</b>
AURORA	4,715	2,511	2,204
BATANGAS	31,905	16,616	15,289
CAVITE	24,464	12,654	11,810
LAGUNA	35,491	18,634	16,857
MARINDUQUE	6,099	3,141	2,958
MINDORO OCC.	8,392	4,389	4,003
MINDORO OR.	17,797	9,298	8,499
PALAWAN	10,539	5,439	5,100
QUEZON	36,830	18,999	17,831
RIZAL	28,891	14,932	13,959
ROMBLON	6,297	3,262	3,035
BATANGAS CITY	7,781	4,006	3,775
CAVITE CITY	3,369	1,778	1,591
LIPA CITY	5,441	2,725	2,716
LUCENA CITY	6,911	3,637	3,274
PUERTO PRINCESSA CITY	2,993	1,574	1,419
SAN PABLO CITY	6,259	3,187	3,072
TAGAYTAY CITY	521	270	251
TRECE MARTIRES CITY	1,406	742	664
<b>REGION 5</b>	<b>118,218</b>	<b>61,526</b>	<b>56,692</b>
ALBAY	26,252	13,644	12,608
CAMARINES NORTE	11,804	6,115	5,689
CAMARINES SUR	32,791	17,104	15,687
CATANDUANES	6,305	3,357	2,948
MASBATE	9,815	5,019	4,796
SORSOGON	16,160	8,401	7,759
IRIGA CITY	2,732	1,443	1,289
LEGASPI CITY	4,389	2,258	2,131
NAGA CITY	7,970	4,185	3,785
<b>REGION 6</b>	<b>119,051</b>	<b>61,733</b>	<b>57,318</b>
AKLAN	9,155	4,858	4,297
ANTIQUE	9,518	4,865	4,653
CAPIZ	9,853	5,064	4,789
ILOILO	27,030	14,068	12,962
NEGROS OCC.	27,916	14,538	13,378
GUIMARAS	2,048	1,087	961
BACOLOD CITY	8,443	4,336	4,107

**LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	BOTH SEXES	MALE	FEMALE
BAGO CITY	1,541	797	744
CADIZ CITY	2,696	1,356	1,340
ILOILO CITY	9,810	5,075	4,735
LA CARLOTA CITY	822	439	383
ROXAS CITY	3,786	1,958	1,828
SAN CARLOS CITY	2,869	1,484	1,385
SILAY CITY	3,564	1,808	1,756
<b>REGION 7</b>	<b>139,338</b>	<b>72,459</b>	<b>66,879</b>
BOHOL	22,949	11,981	10,968
CEBU	42,868	22,095	20,773
NEGROS OR.	19,089	9,910	9,179
SIQUIJOR	1,663	838	825
BAIS CITY	1,643	946	697
CANLAON CITY	961	494	467
CEBU CITY	27,399	14,378	13,021
DANA O CITY	2,697	1,399	1,298
DUMAGUETE CITY	3,904	2,086	1,818
LAPU-LAPU CITY	4,933	2,513	2,420
MANDAWE CITY	4,276	2,197	2,079
TAGBILARAN CITY	3,173	1,640	1,533
TOLEDO CITY	3,783	1,982	1,801
<b>REGION 8</b>	<b>60,006</b>	<b>31,183</b>	<b>28,823</b>
LEYTE DEL NORTE	25,701	13,377	12,324
LEYTE DEL SUR	8,256	4,317	3,939
EASTERN SAMAR	3,335	1,730	1,605
NORTHERN SAMAR	5,962	3,109	2,853
WESTERN SAMAR	3,801	1,957	1,844
BILIRAN	2,798	1,470	1,328
CALBAYOG CITY	1,674	883	791
ORMOC CITY	3,968	2,022	1,946
TACLOBAN CITY	4,511	2,318	2,193
<b>REGION 9</b>	<b>62,621</b>	<b>32,321</b>	<b>30,300</b>
BASILAN	1,846	976	870
ZAMBO. DEL NORTE	12,997	6,689	6,308
ZAMBO. DEL SUR	27,235	14,014	13,221
DAPITAN CITY	2,035	1,082	953
DIPOLOG CITY	2,603	1,329	1,274
PAGADIAN CITY	3,643	1,882	1,761
ZAMBOANGA CITY	12,262	6,349	5,913

TABLE 8

**LIVEBIRTHS BY SEX & HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	BOTH SEXES	MALE	FEMALE
<b>REGION 10</b>	<b>97,316</b>	<b>50,846</b>	<b>46,470</b>
AGUSAN DEL NORTE	6,112	3,248	2,864
AGUSAN DEL SUR	11,200	5,824	5,376
BUKIDNON	23,946	12,467	11,479
CAMIGUIN	1,795	927	868
MISAMIS OCC.	5,679	2,978	2,701
MISAMIS OR.	11,612	6,162	5,450
SURIGAO DEL NORTE	5,940	3,044	2,896
BUTUAN CITY	6,674	3,454	3,220
CAGAYAN DEL ORO	13,325	7,003	6,322
GINGOOG CITY	2,240	1,156	1,084
OROQUIETA CITY	1,742	973	769
OZAMIS CITY	3,045	1,525	1,520
SURIGAO CITY	2,920	1,544	1,376
TANGUB CITY	1,086	541	545
<b>REGION 11</b>	<b>114,703</b>	<b>59,438</b>	<b>55,265</b>
COTABATO SOUTH	12,993	6,769	6,224
DAVAO ORIENTAL	8,040	4,151	3,889
DAVAO DEL NORTE	29,429	15,112	14,317
DAVAO DEL SUR	13,079	6,669	6,410
SURIGAO DEL SUR	10,307	5,394	4,913
DAVAO CITY	25,089	13,164	11,925
GEN. SANTOS CITY	9,151	4,771	4,380
SARANGANI	6,615	3,408	3,207
<b>REGION 12</b>	<b>47,048</b>	<b>24,499</b>	<b>22,549</b>
LANAO DEL NORTE	9,045	4,718	4,327
NORTH COTABATO	16,734	8,582	8,152
SULTAN KUDARAT	9,096	4,769	4,327
COTABATO CITY	3,271	1,735	1,536
ILIGAN CITY	8,221	4,340	3,881
MARAWI CITY	681	355	326
<b>A.R.M.M.</b>	<b>6,762</b>	<b>3,575</b>	<b>3,187</b>
LANAO DEL SUR	1,226	617	609
MAGUINDANAO	2,606	1,420	1,186
SULU	2,245	1,201	1,044
TAWI-TAWI	685	337	348

TABLE 9

**FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
<b>PHILIPPINES</b>	<b>1,680,724</b>	<b>488,723</b>	<b>18,025</b>	<b>501,625</b>	<b>646,609</b>	<b>25,742</b>
<b>NAT. CAP. REGION</b>	<b>283,445</b>	<b>164,047</b>	<b>3,173</b>	<b>84,255</b>	<b>29,201</b>	<b>2,769</b>
1ST DIST. MANILA	54,251	37,682	165	15,293	878	233
2ND DIST. MUN.	35,523	20,892	249	11,446	2,804	132
QUEZON CITY	63,443	38,478	327	15,448	7,828	1,362
3RD DIST. MUN.	29,720	14,533	400	11,104	3,447	236
CALOOCAN CITY	29,509	14,200	181	8,573	6,356	199
4TH DIST. MUN.	59,454	30,062	1,308	20,638	6,964	482
PASAY CITY	11,545	8,200	543	1,753	924	125
<b>C.A.R.</b>	<b>30,583</b>	<b>11,299</b>	<b>969</b>	<b>5,882</b>	<b>5,102</b>	<b>7,331</b>
ABRA	4,588	689	120	1,318	2,328	133
BENGUET	8,371	2,739	412	1,787	333	3,100
IFUGAO	3,656	615	171	648	513	1,709
KALINGA APAYAO	4,545	601	99	1,255	1,584	1,006
MT. PROVINCE	2,781	740	40	607	300	1,094
BAGUIO CITY	6,642	5,915	127	267	44	289
<b>REGION 1</b>	<b>100,458</b>	<b>20,882</b>	<b>1,297</b>	<b>48,676</b>	<b>28,254</b>	<b>1,349</b>
ILOCOS NORTE	8,986	1,698	219	5,625	1,236	208
ILOCOS SUR	12,572	2,249	205	5,796	3,837	485
LA UNION	15,992	4,824	73	7,574	3,405	116
PANGASINAN	53,359	8,269	649	26,947	16,969	525
DAGUPAN CITY	4,350	2,202	37	1,176	928	7
LAOAG CITY	1,996	687	98	809	396	6
SAN CARLOS CITY	3,203	953	16	749	1,483	2
<b>REGION 2</b>	<b>63,912</b>	<b>6,053</b>	<b>800</b>	<b>21,909</b>	<b>33,091</b>	<b>2,059</b>
BATANES	383	123	15	224	16	5
CAGAYAN	22,615	1,792	199	6,700	13,702	222
ISABELA	29,548	2,620	341	11,432	14,567	588
NUEVA VIZCAYA	7,826	1,244	212	2,737	2,570	1,063
QUIRINO	3,540	274	33	816	2,236	181
<b>REGION 3</b>	<b>178,251</b>	<b>68,636</b>	<b>1,959</b>	<b>70,505</b>	<b>36,089</b>	<b>1,062</b>
BATAAN	12,751	5,315	82	6,328	862	164
BULACAN	45,848	17,507	401	20,141	7,451	348
NUEVA ECIJA	27,781	5,393	523	13,441	8,345	79
PAMPANGA	37,065	19,573	268	11,577	5,394	253
TARLAC	25,593	8,822	335	9,395	6,926	115
ZAMBALES	9,670	2,805	111	3,753	2,970	31
ANGELES CITY	7275	3921	82	2275	985	12

**FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
CABANATUAN CITY	4499	2854	24	620	959	42
OLONGAPO CITY	4,610	1,686	50	1,844	1,027	3
PALAYAN CITY	609	183	4	90	332	0
SAN JOSE CITY	2,550	577	79	1,041	838	15
<b>REGION 4</b>	<b>258,726</b>	<b>67,484</b>	<b>2,881</b>	<b>73,914</b>	<b>111,805</b>	<b>2,642</b>
AURORA	4,756	660	33	740	3,305	18
BATANGAS	34,451	6,666	412	12,645	14,434	294
CAVITE	30,316	11,558	439	11,780	6,406	133
LAGUNA	37,848	12,842	442	14,500	9,715	349
MARINDUQUE	6,117	555	71	1,102	4,382	7
MINDORO OCC.	8,452	713	103	1,463	5,968	205
MINDORO OR.	17,859	1,196	143	1,096	15,334	90
PALAWAN	10,612	585	232	1,816	7,884	95
QUEZON	39,045	6,435	388	7,836	23,817	569
RIZAL	35,402	12,851	250	14,249	7,436	616
ROMBLON	6,327	1,195	82	1,501	3,507	42
BATANGAS CITY	6,031	2,341	16	1,811	1,793	70
CAVITE CITY	2,421	1,752	6	256	407	0
LIPA CITY	5,340	1,765	22	978	2,568	7
LUCENA CITY	4,884	2,867	32	340	1,533	112
PUERTO PRINCESSA CITY	2,935	842	66	605	1,417	5
SAN PABLO CITY	4,725	2,228	117	823	1,529	28
TAGAYTAY CITY	670	171	20	234	245	0
TRECE MARTIRES CITY	535	262	7	139	125	2
<b>REGION 5</b>	<b>118,303</b>	<b>15,915</b>	<b>1,234</b>	<b>26,678</b>	<b>73,458</b>	<b>1,018</b>
ALBAY	26,719	2,181	217	5,845	17,951	525
CAMARINES NORTE	11,819	905	446	3,215	7,232	21
CAMARINES SUR	36,285	4,064	324	8,640	23,091	166
CATANDUANES	6,315	1,422	35	1,335	3,503	20
MASBATE	9,895	1,049	49	1,736	6,981	80
SORSOGON	16,223	2,641	82	3,087	10,326	87
IRIGA CITY	2,849	339	6	1,009	1,490	5
LEGASPI CITY	3,876	1,245	25	938	1,621	47
NAGA CITY	4,322	2,069	50	873	1,263	67
<b>REGION 6</b>	<b>119,081</b>	<b>30,339</b>	<b>810</b>	<b>25,192</b>	<b>61,018</b>	<b>1,722</b>
AKLAN	9,130	1,567	79	3,029	4,288	167
ANTIQUE	9,615	1,209	101	2,436	5,810	59
CAPIZ	10,479	1,294	50	1,693	7,427	15
ILOILO	28,605	6,356	159	6,811	14,617	662
NEGROS OCC.	30,723	5,496	186	6,960	17,591	490
GUIMARAS	2,045	184	5	411	1431	14
BACOLOD CITY	6,158	4851	30	250	1022	5

**FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
BAGO CITY	1965	424	6	601	890	44
CADIZ CITY	2,866	596	21	435	1,799	15
ILOILO CITY	8,067	5,355	46	1,174	1,257	235
LA CARLOTA CITY	928	339	6	188	394	1
ROXAS CITY	3,266	799	12	697	1,755	3
SAN CARLOS CITY	2,780	174	101	395	2,104	6
SILAY CITY	2,454	1,695	8	112	633	6
<b>REGION 7</b>	<b>139,026</b>	<b>34,684</b>	<b>915</b>	<b>49,139</b>	<b>52,568</b>	<b>1,720</b>
BOHOL	24,289	2,615	175	11,046	10,351	102
CEBU	46,523	6,883	215	21,019	17,841	565
NEGROS OR.	20,704	2,643	79	5,314	12,181	487
SIQUIJOR	1,681	337	6	1,256	80	2
BAIS CITY	1,662	280	8	258	1,114	2
CANLAON CITY	1,000	128	4	146	710	12
CEBU CITY	20,901	12,618	115	4,458	3,427	283
DANA O CITY	2,752	766	8	1,085	791	102
DUMAGUETE CITY	2,211	1,783	2	123	294	9
LAPU-LAPU CITY	5,628	1,482	69	1,517	2,461	99
MANDAWE CITY	5,818	2,452	138	1,808	1,377	43
TAGBILARAN CITY	1,950	1,381	28	514	18	9
TOLEDO CITY	3,907	1,316	68	595	1,923	5
<b>REGION 8</b>	<b>60,178</b>	<b>11,909</b>	<b>765</b>	<b>15,499</b>	<b>30,999</b>	<b>1,006</b>
LEYTE DEL NORTE	27,198	4,271	386	7,350	14,637	554
LEYTE DEL SUR	8,247	1,455	144	2,551	3,929	168
EASTERN SAMAR	3,389	445	41	1,094	1,776	33
NORTHERN SAMAR	5,992	887	23	1,136	3,785	161
WESTERN SAMAR	4,052	680	69	932	2,346	25
BILIRAN	2755	295	29	216	2201	14
CALBAYOG CITY	1,610	679	3	166	762	0
ORMOC CITY	3,678	1,073	52	1,573	936	44
TACLOBAN CITY	3,257	2,124	18	481	627	7
<b>REGION 9</b>	<b>62,689</b>	<b>9,182</b>	<b>1,346</b>	<b>18,905</b>	<b>32,323</b>	<b>933</b>
BASILAN	1,875	258	25	353	1,221	18
ZAMBO. DEL NORTE	13,540	1,182	98	3,931	8,134	195
ZAMBO. DEL SUR	27,576	1,157	719	8,274	16,748	678
DAPITAN CITY	1,618	678	2	298	636	4
DIPOLOG CITY	2,508	988	6	809	703	2
PAGADIAN CITY	3,409	596	26	1,005	1,780	2
ZAMBOANGA CITY	12163	4323	470	4235	3101	34

**FREQUENCY DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
<b>REGION 10</b>	<b>97,259</b>	<b>17,606</b>	<b>725</b>	<b>20,353</b>	<b>57,554</b>	<b>1,021</b>
AGUSAN DEL NORTE	6,350	657	73	1,778	3,803	39
AGUSAN DEL SUR	11,344	774	253	1,975	8,292	50
BUKIDNON	24,013	2,793	123	4,663	15,829	605
CAMIGUIN	1,804	370	19	1,120	294	1
MISAMIS OCC.	6,241	800	29	2,232	3,154	26
MISAMIS OR.	12,402	1,323	61	3,820	7,119	79
SURIGAO DEL NORTE	6,255	692	25	917	4,607	14
BUTUAN CITY	6,291	2,366	7	471	3,444	3
CAGAYAN DEL ORO	12,494	5,087	110	1,811	5,297	189
GINGOOG CITY	2,190	445	6	621	1,118	0
OROQUIETA CITY	1,322	414	4	449	449	6
OZAMIS CITY	2,831	950	6	189	1,680	6
SURIGAO CITY	2,634	745	7	98	1,781	3
TANGUB CITY	1,088	190	2	209	687	0
<b>REGION 11</b>	<b>114,780</b>	<b>22,295</b>	<b>721</b>	<b>22,893</b>	<b>68,201</b>	<b>670</b>
COTABATO SOUTH	13,224	1,732	65	3,573	7,733	121
DAVAO ORIENTAL	8,150	769	42	1,611	5,702	26
DAVAO DEL NORTE	30,320	4,296	141	5,867	19,867	149
DAVAO DEL SUR	13,148	1,703	86	2,154	9,069	136
SURIGAO DEL SUR	10,382	1,514	25	2,094	6,736	13
SARANGANI	6,592	143	43	1,456	4,832	118
DAVAO CITY	24,038	10,292	142	4,562	8,972	70
GEN. SANTOS CITY	8,926	1,846	177	1,576	5,290	37
<b>REGION 12</b>	<b>46,571</b>	<b>7,104</b>	<b>286</b>	<b>14,957</b>	<b>23,804</b>	<b>420</b>
LANAO DEL NORTE	9,253	1,017	60	5,195	2,835	146
NORTH COTABATO	16,941	1,192	80	3,367	12,243	59
SULTAN KUDARAT	9,173	657	59	3,446	4,840	171
COTABATO CITY	2,753	993	38	731	974	17
ILIGAN CITY	7,417	2,600	29	2,010	2,754	24
MARAWI CITY	1,034	645	20	208	158	3
<b>A.R.M.M.</b>	<b>7,634</b>	<b>1,426</b>	<b>147</b>	<b>2,886</b>	<b>3,153</b>	<b>22</b>
LANAO DEL SUR	1,572	350	56	415	749	2
MAGUINDANAO	2,919	336	32	898	1,642	11
SULU	2,280	491	26	1,295	463	5
TAWI-TAWI	691	111	30	260	288	2
Foreign Countries	172	138	3	18	11	2



TABLE 10

**PERCENTAGE DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
<b>PHILIPPINES</b>	<b>1,680,724</b>	<b>29.1</b>	<b>1.1</b>	<b>29.8</b>	<b>38.5</b>	<b>1.5</b>
<b>NAT. CAP. REGION</b>	<b>283,445</b>	<b>57.9</b>	<b>1.1</b>	<b>29.7</b>	<b>10.3</b>	<b>1.0</b>
1ST DIST. MANILA	54,251	69.5	0.3	28.2	1.6	0.4
2ND DIST. MUN.	35,523	58.8	0.7	32.2	7.9	0.4
QUEZON CITY	63,443	60.6	0.5	24.3	12.3	2.1
3RD DIST. MUN.	29,720	48.9	1.3	37.4	11.6	0.8
CALOOCAN CITY	29,509	48.1	0.6	29.1	21.5	0.7
4TH DIST. MUN.	59,454	50.6	2.2	34.7	11.7	0.8
PASAY CITY	11,545	71.0	4.7	15.2	8.0	1.1
<b>C.A.R.</b>	<b>30,583</b>	<b>36.9</b>	<b>3.2</b>	<b>19.2</b>	<b>16.7</b>	<b>24.0</b>
ABRA	4,588	15.0	2.6	28.7	50.7	2.9
BENGUET	8,371	32.7	4.9	21.3	4.0	37.0
IFUGAO	3,656	16.8	4.7	17.7	14.0	46.7
KALINGA APAYAO	4,545	13.2	2.2	27.6	34.9	22.1
MT. PROVINCE	2,781	26.6	1.4	21.8	10.8	39.3
BAGUIO CITY	6,642	89.1	1.9	4.0	0.7	4.4
<b>REGION 1</b>	<b>100,458</b>	<b>20.8</b>	<b>1.3</b>	<b>48.5</b>	<b>28.1</b>	<b>1.3</b>
ILOCOS NORTE	8,986	18.9	2.4	62.6	13.8	2.3
ILOCOS SUR	12,572	17.9	1.6	46.1	30.5	3.9
LA UNION	15,992	30.2	0.5	47.4	21.3	0.7
PANGASINAN	53,359	15.5	1.2	50.5	31.8	1.0
DAGUPAN CITY	4,350	50.6	0.9	27.0	21.3	0.2
LAOAG CITY	1,996	34.4	4.9	40.5	19.8	0.3
SAN CARLOS CITY	3,203	29.8	0.5	23.4	46.3	0.1
<b>REGION 2</b>	<b>63,912</b>	<b>9.5</b>	<b>1.3</b>	<b>34.3</b>	<b>51.8</b>	<b>3.2</b>
BATANES	383	32.1	3.9	58.5	4.2	1.3
CAGAYAN	22,615	7.9	0.9	29.6	60.6	1.0
ISABELA	29,548	8.9	1.2	38.7	49.3	2.0
NUEVA VIZCAYA	7,826	15.9	2.7	35.0	32.8	13.6
QUIRINO	3,540	7.7	0.9	23.1	63.2	5.1
<b>REGION 3</b>	<b>178,251</b>	<b>38.5</b>	<b>1.1</b>	<b>39.6</b>	<b>20.2</b>	<b>0.6</b>
BATAAN	12,751	41.7	0.6	49.6	6.8	1.3
BULACAN	45,848	38.2	0.9	43.9	16.3	0.8
NUEVA ECIJA	27,781	19.4	1.9	48.4	30.0	0.3
PAMPANGA	37,065	52.8	0.7	31.2	14.6	0.7
TARLAC	25,593	34.5	1.3	36.7	27.1	0.4
ZAMBALES	9,670	29.0	1.1	38.8	30.7	0.3
ANGELES CITY	7,275	53.9	1.1	31.3	13.5	0.2

TABLE 10

**PERCENTAGE DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
CABANATUAN CITY	4499	63.4	0.5	13.8	21.3	0.9
OLONGAPO CITY	4610	36.6	1.1	40.0	22.3	0.1
PALAYAN CITY	609	30.0	0.7	14.8	54.5	0.0
SAN JOSE CITY	2550	22.6	3.1	40.8	32.9	0.6
<b>REGION 4</b>	<b>258726</b>	<b>26.1</b>	<b>1.1</b>	<b>28.6</b>	<b>43.2</b>	<b>1.0</b>
AURORA	4756	13.9	0.7	15.6	69.5	0.4
BATANGAS	34451	19.3	1.2	36.7	41.9	0.9
CAVITE	30316	38.1	1.4	38.9	21.1	0.4
LAGUNA	37848	33.9	1.2	38.3	25.7	0.9
MARINDUQUE	6117	9.1	1.2	18.0	71.6	0.1
MINDORO OCC.	8452	8.4	1.2	17.3	70.6	2.4
MINDORO OR.	17859	6.7	0.8	6.1	85.9	0.5
PALAWAN	10612	5.5	2.2	17.1	74.3	0.9
QUEZON	39045	16.5	1.0	20.1	61.0	1.5
RIZAL	35402	36.3	0.7	40.2	21.0	1.7
ROMBLON	6327	18.9	1.3	23.7	55.4	0.7
BATANGAS CITY	6031	38.8	0.3	30.0	29.7	1.2
CAVITE CITY	2421	72.4	0.2	10.6	16.8	0.0
LIPA CITY	5340	33.1	0.4	18.3	48.1	0.1
LUCENA CITY	4884	58.7	0.7	7.0	31.4	2.3
PUERTO PRINCESSA CITY	2935	28.7	2.2	20.6	48.3	0.2
SAN PABLO CITY	4725	47.2	2.5	17.4	32.4	0.6
TAGAYTAY CITY	670	25.5	3.0	34.9	36.6	0.0
TRECE MARTIRES CITY	535	49.0	1.3	26.0	23.4	0.4
<b>REGION 5</b>	<b>118303</b>	<b>13.5</b>	<b>1.0</b>	<b>22.6</b>	<b>62.1</b>	<b>0.9</b>
ALBAY	26719	8.2	0.8	21.9	67.2	2.0
CAMARINES NORTE	11819	7.7	3.8	27.2	61.2	0.2
CAMARINES SUR	36285	11.2	0.9	23.8	63.6	0.5
CATANDUANES	6315	22.5	0.6	21.1	55.5	0.3
MASBATE	9895	10.6	0.5	17.5	70.6	0.8
SORSOGON	16223	16.3	0.5	19.0	63.7	0.5
IRIGA CITY	2849	11.9	0.2	35.4	52.3	0.2
LEGASPI CITY	3876	32.1	0.6	24.2	41.8	1.2
NAGA CITY	4322	47.9	1.2	20.2	29.2	1.6
<b>REGION 6</b>	<b>119081</b>	<b>25.5</b>	<b>0.7</b>	<b>21.2</b>	<b>51.2</b>	<b>1.4</b>
AKLAN	9130	17.2	0.9	33.2	47.0	1.8
ANTIQUE	9615	12.6	1.1	25.3	60.4	0.6
CAPIZ	10479	12.3	0.5	16.2	70.9	0.1
ILOILO	28605	22.2	0.6	23.8	51.1	2.3
NEGROS OCC.	30723	17.9	0.6	22.7	57.3	1.6
GUIMARAS	2045	9.0	0.2	20.1	70.0	0.7
BACOLOD CITY	6158	78.8	0.5	4.1	16.6	0.1

TABLE 10

**PERCENTAGE DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
BAGO CITY	1965	21.58	0.31	30.59	45.29	2.24
CADIZ CITY	2866	20.80	0.73	15.18	62.77	0.52
ILOILO CITY	8067	66.38	0.57	14.55	15.58	2.91
LA CARLOTA CITY	928	36.53	0.65	20.26	42.46	0.11
ROXAS CITY	3266	24.46	0.37	21.34	53.74	0.09
SAN CARLOS CITY	2780	6.26	3.63	14.21	75.68	0.22
SILAY CITY	2454	69.07	0.33	4.56	25.79	0.24
<b>REGION 7</b>	<b>139026</b>	<b>24.95</b>	<b>0.66</b>	<b>35.35</b>	<b>37.81</b>	<b>1.24</b>
BOHOL	24289	10.77	0.72	45.48	42.62	0.42
CEBU	46523	14.79	0.46	45.18	38.35	1.21
NEGROS OR.	20704	12.77	0.38	25.67	58.83	2.35
SIQUIJOR	1681	20.05	0.36	74.72	4.76	0.12
BAIS CITY	1662	16.85	0.48	15.52	67.03	0.12
CANLAON CITY	1000	12.80	0.40	14.60	71.00	1.20
CEBU CITY	20901	60.37	0.55	21.33	16.40	1.35
DANAO CITY	2752	27.83	0.29	39.43	28.74	3.71
DUMAGUETE CITY	2211	80.64	0.09	5.56	13.30	0.41
LAPU-LAPU CITY	5628	26.33	1.23	26.95	43.73	1.76
MANDAWE CITY	5818	42.15	2.37	31.08	23.67	0.74
TAGBILARAN CITY	1950	70.82	1.44	26.36	0.92	0.46
TOLEDO CITY	3907	33.68	1.74	15.23	49.22	0.13
<b>REGION 8</b>	<b>60178</b>	<b>19.79</b>	<b>1.27</b>	<b>25.76</b>	<b>51.51</b>	<b>1.67</b>
LEYTE DEL NORTE	27198	15.70	1.42	27.02	53.82	2.04
LEYTE DEL SUR	8247	17.64	1.75	30.93	47.64	2.04
EASTERN SAMAR	3389	13.13	1.21	32.28	52.40	0.97
NORTHERN SAMAR	5992	14.80	0.38	18.96	63.17	2.69
WESTERN SAMAR	4052	16.78	1.70	23.00	57.90	0.62
BILIRAN	2755	10.71	1.05	7.84	79.89	0.51
CALBAYOG CITY	1610	42.17	0.19	10.31	47.33	0.00
ORMOC CITY	3678	29.17	1.41	42.77	25.45	1.20
TACLOBAN CITY	3257	65.21	0.55	14.77	19.25	0.21
<b>REGION 9</b>	<b>62689</b>	<b>14.65</b>	<b>2.15</b>	<b>30.16</b>	<b>51.56</b>	<b>1.49</b>
BASILAN	1875	13.76	1.33	18.83	65.12	0.96
ZAMBO. DEL NORTE	13540	8.73	0.72	29.03	60.07	1.44
ZAMBO. DEL SUR	27576	4.20	2.61	30.00	60.73	2.46
DAPITAN CITY	1618	41.90	0.12	18.42	39.31	0.25
DIPOLOG CITY	2508	39.39	0.24	32.26	28.03	0.08
PAGADIAN CITY	3409	17.48	0.76	29.48	52.21	0.06
ZAMBOANGA CITY	12163	35.54	3.86	34.82	25.50	0.28

TABLE 10

**PERCENTAGE DISTRIBUTION OF LIVEBIRTHS BY ATTENDANCE  
BY HEALTH REGION, PROVINCE & CITY  
PHILIPPINES  
1993**

AREA	TOTAL BIRTHS	BIRTHS ATTENDED BY:				
		M.D.	Nurse	Midwife	Trad. Midwife	Others
<b>REGION 10</b>	<b>97,259</b>	<b>18.10</b>	<b>0.75</b>	<b>20.93</b>	<b>59.18</b>	<b>1.05</b>
AGUSAN DEL NORTE	6,350	10.35	1.15	28.00	59.89	0.61
AGUSAN DEL SUR	11,344	6.82	2.23	17.41	73.10	0.44
BUKIDNON	24,013	11.63	0.51	19.42	65.92	2.52
CAMIGUIN	1,804	20.51	1.05	62.08	16.30	0.06
MISAMIS OCC.	6,241	12.82	0.46	35.76	50.54	0.42
MISAMIS OR.	12,402	10.67	0.49	30.80	57.40	0.64
SURIGAO DEL NORTE	6,255	11.06	0.40	14.66	73.65	0.22
BUTUAN CITY	6,291	37.61	0.11	7.49	54.74	0.05
CAGAYAN DEL ORO	12,494	40.72	0.88	14.49	42.40	1.51
GINGOOG CITY	2,190	20.32	0.27	28.36	51.05	0.00
OROQUIETA CITY	1,322	31.32	0.30	33.96	33.96	0.45
OZAMIS CITY	2,831	33.56	0.21	6.68	59.34	0.21
SURIGAO CITY	2,634	28.28	0.27	3.72	67.62	0.11
TANGUB CITY	1,088	17.46	0.18	19.21	63.14	0.00
<b>REGION 11</b>	<b>114,780</b>	<b>19.42</b>	<b>0.63</b>	<b>19.95</b>	<b>59.42</b>	<b>0.58</b>
COTABATO SOUTH	13,224	13.10	0.49	27.02	58.48	0.92
DAVAO ORIENTAL	8,150	9.44	0.52	19.77	69.96	0.32
DAVAO DEL NORTE	30,320	14.17	0.47	19.35	65.52	0.49
DAVAO DEL SUR	13,148	12.95	0.65	16.38	68.98	1.03
SURIGAO DEL SUR	10,382	14.58	0.24	20.17	64.88	0.13
SARANGANI	6,592	2.17	0.65	22.09	73.30	1.79
DAVAO CITY	24,038	42.82	0.59	18.98	37.32	0.29
GEN. SANTOS CITY	8,926	20.68	1.98	17.66	59.27	0.41
<b>REGION 12</b>	<b>46,571</b>	<b>15.25</b>	<b>0.61</b>	<b>32.12</b>	<b>51.11</b>	<b>0.90</b>
LANAO DEL NORTE	9,253	10.99	0.65	56.14	30.64	1.58
NORTH COTABATO	16,941	7.04	0.47	19.87	72.27	0.35
SULTAN KUDARAT	9,173	7.16	0.64	37.57	52.76	1.86
COTABATO CITY	2,753	36.07	1.38	26.55	35.38	0.62
ILIGAN CITY	7,417	35.05	0.39	27.10	37.13	0.32
MARAWI CITY	1,034	62.38	1.93	20.12	15.28	0.29
<b>A.R.M.M.</b>	<b>7,462</b>	<b>17.26</b>	<b>1.93</b>	<b>38.43</b>	<b>42.11</b>	<b>0.27</b>
LANAO DEL SUR	1,572	22.26	3.56	26.40	47.65	0.13
MAGUINDANAO	2,919	11.51	1.10	30.76	56.25	0.38
SULU	2,280	21.54	1.14	56.80	20.31	0.22
TAWI-TAWI	691	16.06	4.34	37.63	41.68	0.29

# BIRTHS BY ATTENDANCE PHILIPPINES, 1993

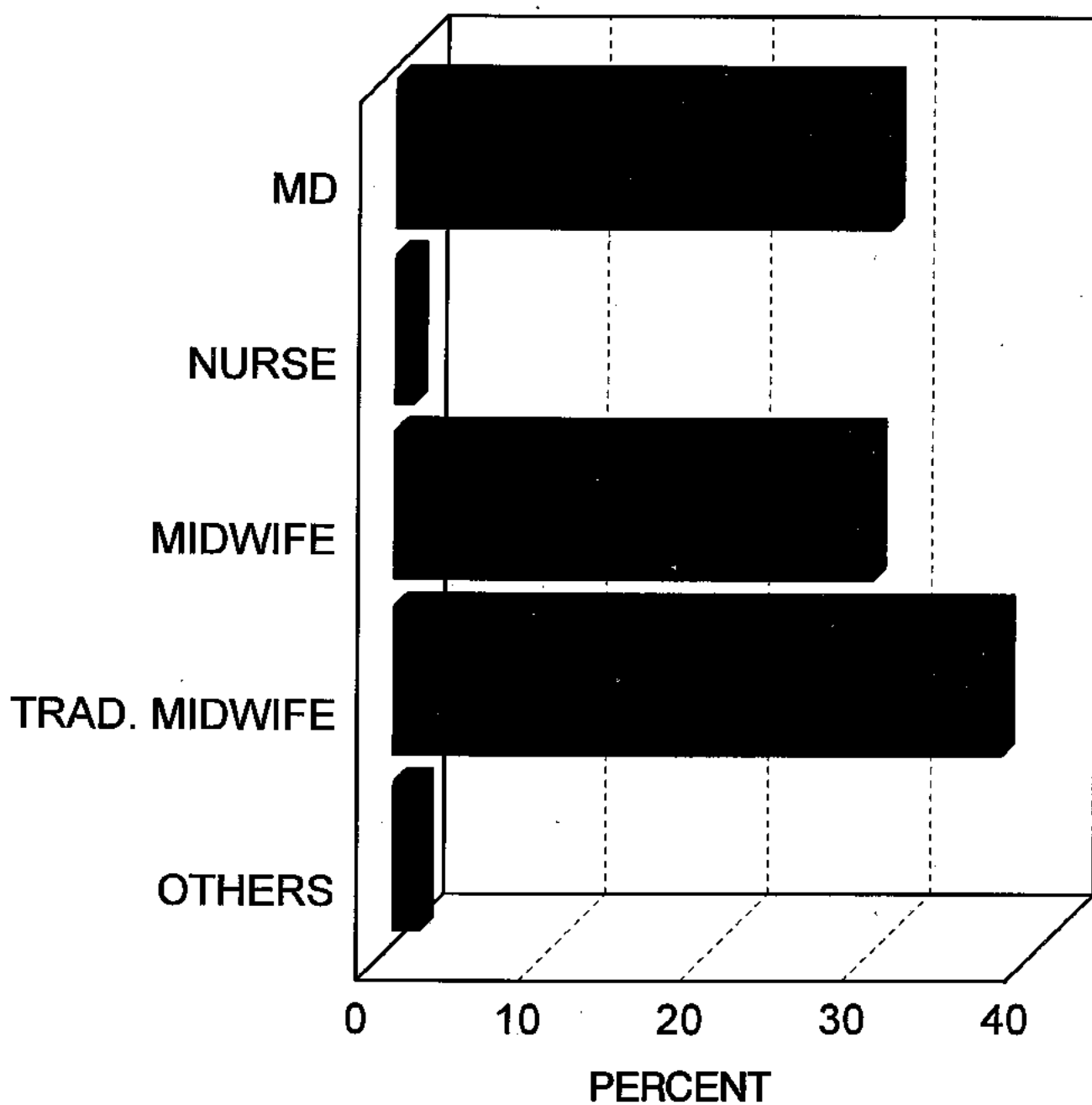


Fig.8

**LIVEBIRTHS BY AGE OF MOTHER & BY SEX**  
**PHILIPPINES**  
**1993**

AGE OF MOTHER	BOTH SEXES	PERCENTAGE DISTRIBUTION	MALE	FEMALE
	NUMBER		NUMBER	NUMBER
ALL AGES	1,680,896	100.0	875,540	805,356
Under 15 years	397	0.02	196	201
15 - 19 years	104,082	6.2	54,201	49,881
20 - 24 years	483,380	28.8	252,082	231,298
25 - 29 years	485,701	28.9	253,605	232,096
30 - 34 years	335,218	19.9	174,471	160,747
35 - 39 years	185,943	11.1	96,326	89,617
40 - 44 years	64,244	3.8	33,330	30,914
45 - 49 years	8,549	0.5	4,385	4,164
50 years & Over	983	0.1	497	486
Not Stated	12,399	0.7	6,447	5,952

TABLE 12

**LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING CHILDREN**  
**PHILIPPINES**  
**1993**

AGE OF MOTHER (In Years)	TOTAL	NUMBER OF LIVING CHILDREN				
		1	2	3	4	5
<b>ALL AGES</b>	<b>1,680,896</b>	<b>466,103</b>	<b>375,221</b>	<b>288,658</b>	<b>200,871</b>	<b>128,707</b>
Under 15 years	397	397	0	0	0	0
15 - 19 years	104,082	84,119	16,119	1,831	266	61
20 - 24 years	483,380	215,802	160,619	75,626	23,771	5,131
25 - 29 years	485,701	108,542	123,055	115,013	79,480	38,154
30 - 34 years	335,218	38,505	53,996	65,287	61,708	49,520
35 - 39 years	185,943	12,282	15,968	24,131	27,521	27,035
40 - 44 years	64,244	2,951	3,112	4,744	6,245	7,139
45 - 49 years	8,549	562	377	482	693	836
50 years & Over	983	80	57	83	80	103
Not Stated	12,399	2,863	1,918	1,461	1,107	728

AGE OF MOTHER (In Years)	NUMBER OF LIVING CHILDREN					
	6	7	8	9	10 & Over	Not Stated
<b>ALL AGES</b>	<b>83,153</b>	<b>53,148</b>	<b>33,455</b>	<b>19,054</b>	<b>8,621</b>	<b>23,905</b>
Under 15 years	0	0	0	0	0	0
15 - 19 years	0	0	0	0	0	1,686
20 - 24 years	1,169	386	125	61	23	667
25 - 29 years	13,793	3,764	981	290	73	2,556
30 - 34 years	33,479	18,613	8,129	2,802	769	2,410
35 - 39 years	25,394	20,761	15,322	8,815	3,707	5,007
40 - 44 years	7,833	8,241	7,633	6,115	3,473	6,758
45 - 49 years	921	1,012	962	760	490	1,454
50 years & Over	108	121	120	90	35	106
Not Stated	456	250	183	121	51	3,261

# LIVEBIRTHS BY AGE OF MOTHER & BY SEX PHILIPPINES, 1993

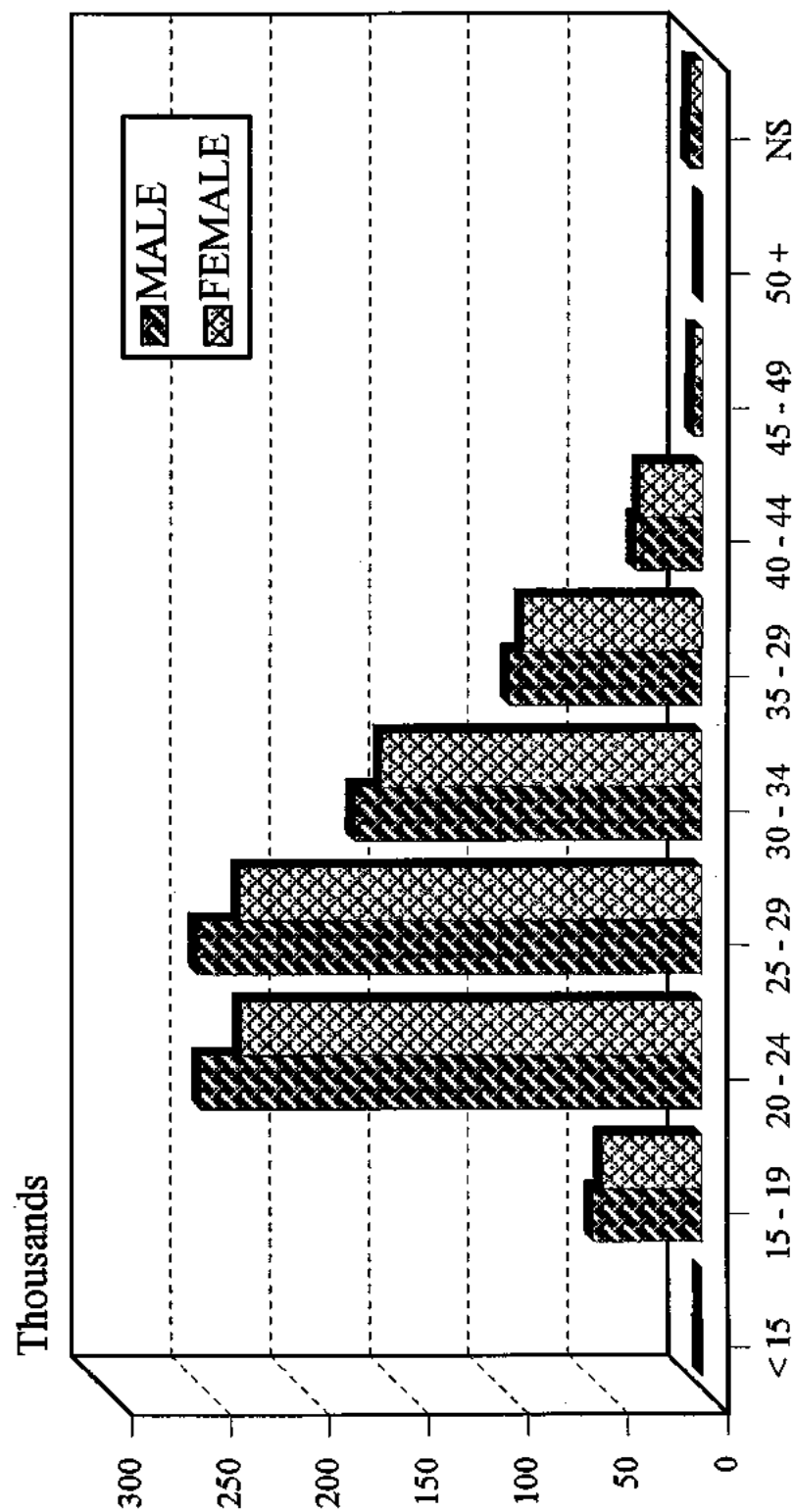


Fig. 9



## NOTIFIABLE DISEASES STATISTICS

The statistics on Notifiable Diseases presented and analyzed in this report were collected from the 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: Accidents, 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 1993 are shown in Table 13 and Figure 10. Out of the top ten (10) causes of morbidity, three (3) are Respiratory Diseases, namely; Bronchitis, Pneumonias and Tuberculosis occupying the second, third and sixth positions respectively. Ranking first in the list is Diarrheal Diseases with a total of 1,337,449 or 1,996.7/100,000 population. There are three (3) diseases due to viral infection - Influenza, Measles and Varicella which occupied the third (3rd), eighth (8th) and ninth (9th) places respectively. One disease is parasitic in etiology- Malaria which is in the tenth (10th) position with a total of 49,506 or 73.9/100,000 population. The rest are Diseases of the Heart with 111,874 or 167.0/100,000 population and Accidents with 162,087 or 242.0/100,000 population.

**REGIONAL MORBIDITY DIFFERENTIALS** - The notifiable diseases were evenly distributed throughout the country with a few exceptions. There are large variations in morbidity rates by type of morbid condition among regions. Morbidity differentials for certain endemic areas such as Malaria and Schistosomiasis show that Malaria is concentrated in Cagayan Valley and in some regions of Mindanao while Schistosomiasis is concentrated in Eastern Visayas and in a few Mindanao regions. As shown in Table 15, practically the same disease problems were present in the 14 regions of the country.

**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 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 a hospital, institution or dispensary having knowledge of, or any householder tenant, or occupant of any building, or director of college, convent, disease 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 disease defined - The term - A case of 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), Cerebro-spinal meningitis (epidemic), Diphtheria, Food Poisoning, Glanders, Influenza, Leprosy, Malaria, Measles, Plague, Pneumonia, Mumps, fever, typhus fever, Variola or smallpox, Variloid, 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 P 100.00.

**SECTION 5.** This Act shall take effect on approval.

**APPROVED:** November 26, 1929

TABLE 13

**MORBIDITY: TEN (10) LEADING CAUSES**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**5-YEAR AVERAGE (1988-1992) & 1993**

CAUSE	5-Year Average (1988-1992)		1993	
	NUMBER	RATE	NUMBER	RATE
1. DIARRHEAL DISEASES (002-009)	872,469	1371.4	1,337,449	1996.7
2. BRONCHITIS (466)	859,135	1350.5	903,508	1348.9
3. INFLUENZA (487)	573,616	901.7	609,471	909.9
4. PNEUMONIAS (480 -486)	269,289	423.3	470,574	702.5
5. TUBERCULOSIS ALL FORMS (010-018; 137)	161,269	253.5	159,049	237.5
6. ACCIDENTS (800-999; E800-E949)	118,609	186.4	162,087	242.0
7. DISEASES OF THE HEART (390-398; 402-404; 410-429)	80,656	126.8	111,874	167.0
8. MEASLES (055)	54,396	85.5	85,345	127.4
9. VARICELLA (052)	32,413	50.9	71,317	106.5
10. MALARIA (084)	80,646	126.8	49,506	73.9

# MORBIDITY: TEN (10) LEADING CAUSES

## Rate per 100,000 Population

### Phils., 5 Yr. Ave.(1988-1992) & 1993

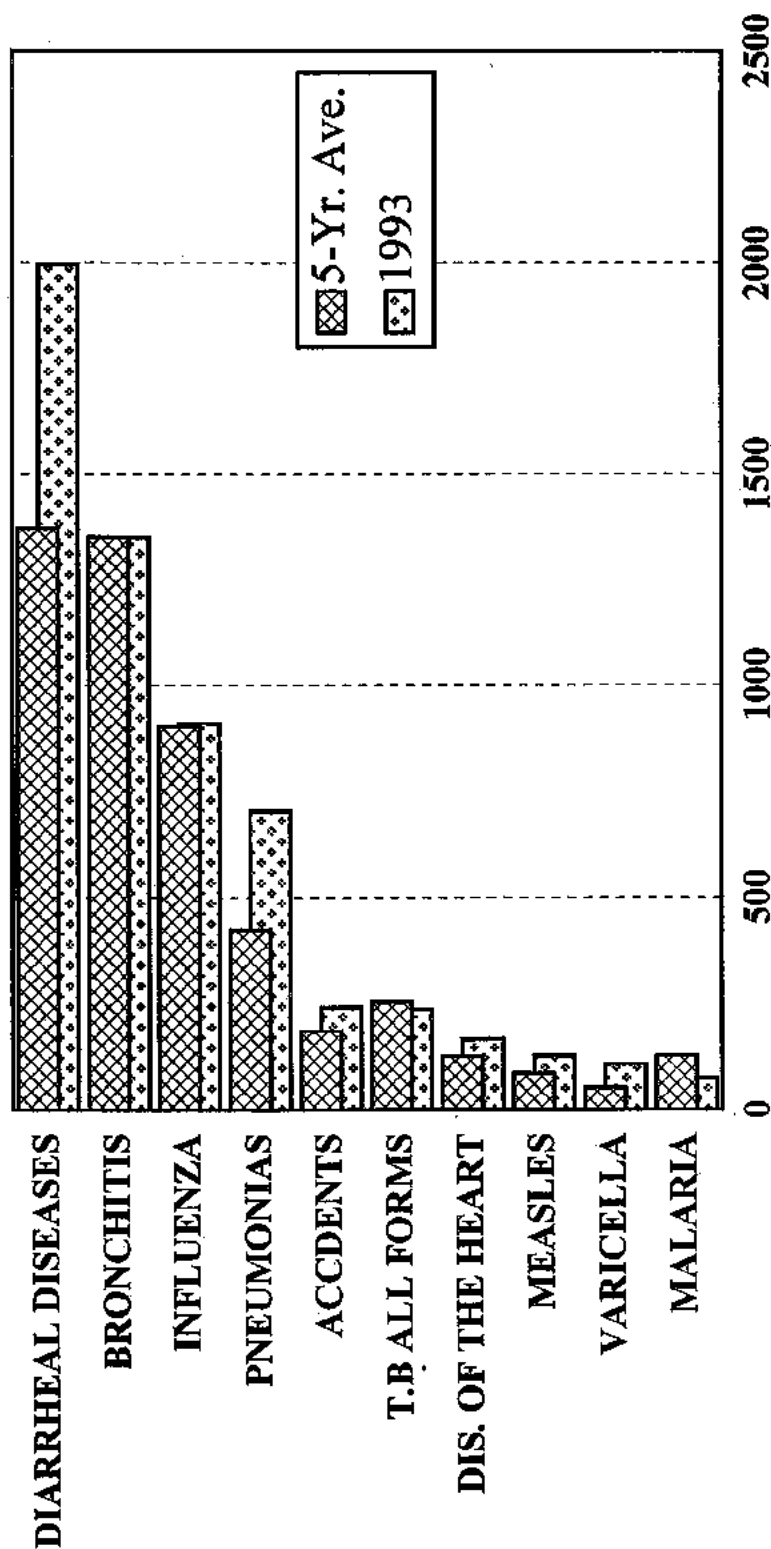


Fig. 10

TABLE 14

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	NATIONAL CAPITAL REGION	
	NUMBER	RATE
1. DIARRHEAS	88,032	1009.8
2. BRONCHITIS	83,492	957.7
3. PNEUMONIAS	60,272	691.4
4. INFLUENZA	20,712	237.6
5. T.B. ALL FORMS	18,857	216.3
6. MALIGNANT NEOPLASMS	8,806	101.0
7. ACCIDENTS	7,313	83.9
8. DIS. OF THE HEART	5,408	62.0
9. MEASLES	5,306	60.9
10. CHICKEN FOX	4,725	54.2

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	CORDILLERA AUTONOMOUS REGION	
	NUMBER	RATE
1. DIARRHEAS	34,573	2731.9
2. BRONCHITIS	28,711	2268.7
3. PNEUMONIAS	18,501	1461.9
4. INFLUENZA	14,977	1183.5
5. MALARIA	6,442	509.0
6. MEASLES	3,002	237.2
7. CHICKEN FOX	2,930	231.5
8. GOITER	2,080	164.4
9. DIS. OF THE HEART	2,070	163.6
10. ACCIDENTS	2,044	161.5

TABLE 14

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 1	
	NUMBER	RATE
1. DIARRHEAS	65,827	1697.5
2. INFLUENZA	42,044	1084.2
3. BRONCHITIS	31,962	824.2
4. PNEUMONIAS	21,263	548.3
5. T.B. ALL FORMS	11,505	296.7
6. DISEASES OF THE HEART	8,429	217.4
7. CHICKEN FOX	4,016	103.6
9. MALIGNANT NEOPLASMS	3,075	79.3
9. ACCIDENTS	2,590	66.8
10. MEASLES	2,392	61.7

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 2	
	NUMBER	RATE
1. DIARRHEAS	54,079	2091.5
2. BRONCHITIS	53,882	2083.9
3. INFLUENZA	50,806	1964.9
4. ACCIDENTS	21,719	840.0
5. PNEUMONIAS	15,603	603.4
6. MALARIA	9,567	370.0
7. T.B. ALL FORMS	7,802	301.7
8. DIS. OF THE HEART	4,544	175.7
9. CHICKEN FOX	2,647	102.4
10. MEASLES	2,408	93.1

TABLE 14

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 3	
	NUMBER	RATE
1. DIARRHEAS	188,030	2749.4
2. BRONCHITIS	85,900	1256.1
3. INFLUENZA	37,169	543.5
4. ACCIDENTS	20,543	300.4
5. PNEUMONIAS	19,385	283.5
6. T.B. ALL FORMS	11,547	168.8
7. CHICKEN FOX	7,323	107.1
8. DIS. OF THE HEART	6,874	100.5
9. MALIGNANT NEOPLASMS	5,323	77.8
10. MEASLES	3,678	53.8

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 4	
	NUMBER	RATE
1. DIARRHEAS	112,724	1225.3
2. BRONCHITIS	69,283	753.1
3. INFLUENZA	48,904	531.6
4. MEASLES	27,747	301.6
5. PNEUMONIAS	26,285	285.7
6. ACCIDENTS	22,925	249.2
7. T.B. ALL FORMS	18,573	201.9
8. DIS. OF THE HEART	16,475	179.1
9. INFECTIOUS HEPATIS	8,572	93.2
10. MALARIA	6,981	75.9

TABLE 14

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 5	
	NUMBER	RATE
1. INFLUENZA	92,438	2153.5
2. DIARRHEAS	91,581	2133.5
3. BRONCHITIS	78,486	1828.5
4. PNEUMONIAS	63,921	1489.2
5. T.B. ALL FORMS	25,743	599.7
6. DISEASES OF THE HEART	8,675	202.1
7. MEASLES	8,347	194.5
8. ACCIDENTS	6,789	158.2
9. CHICKEN FOX	6,591	153.5
10. MALARIA	3,596	83.8

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 6	
	NUMBER	RATE
1. DIARRHEAS	97,095	1645.6
2. BRONCHITIS	73,246	1241.4
3. PNEUMONIAS	45,883	777.6
4. INFLUENZA	30,205	511.9
5. T.B. ALL FORMS	13,859	234.9
6. ACCIDENTS	14,438	244.7
7. DIS. OF THE HEART	12,517	212.1
8. CHICKEN FOX	9,367	158.8
9. MEASLES	5,265	89.2
10. MALIGNANT NEOPLASMS	3,199	54.2



**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 7	
	NUMBER	RATE
1. DIARRHEAS	235,196	4660.7
2. BRONCHITIS	49,824	987.3
3. INFLUENZA	34,511	683.9
4. DIS. OF THE HEART	25,943	514.1
5. PNEUMONIAS	25,406	503.5
6. T.B. ALL FORMS	7,588	150.4
7. ACCIDENTS	5,737	113.7
8. MEASLES	4,852	96.1
9. MALIGNANT NEOPLASMS	3,903	77.3
10. CHICKEN FOX	3,560	70.5

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 8	
	NUMBER	RATE
1. DIARRHEAS	65,580	1948.7
2. BRONCHITIS	54,444	1617.8
3. INFLUENZA	39,632	1177.7
4. PNEUMONIAS	39,175	1164.1
5. ACCIDENTS	7,960	236.5
6. T.B. ALL FORMS	5,874	174.5
7. MEASLES	5,014	149.0
8. CHICKEN FOX	4,977	147.9
9. DIS. OF THE HEART	3,740	111.1
10. TYPHOID & PARATYPHOID	1,884	56.0

TABLE 14

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 9	
	NUMBER	RATE
1. DIARRHEAS	63,823	2330.9
2. INFLUENZA	52,545	1919.0
3. BRONCHITIS	46,989	1716.1
4. PNEUMONIAS	31,044	1133.8
5. ACCIDENTS	10,275	375.3
6. CHICKEN FOX	4,286	156.5
7. T.B. ALL FORMS	4,002	146.2
8. MALARIA	3,358	122.6
9. DIS. OF THE HEART	3,169	115.7
10. MEASLES	3,165	115.6

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 10	
	NUMBER	RATE
1. BRONCHITIS	77,025	1975.1
2. DIARRHEAS	65,835	1688.2
3. INFLUENZA	46,403	1189.9
4. PNEUMONIAS	44,337	1136.9
5. T.B. ALL FORMS	11,918	305.6
6. ACCIDENTS	9,564	245.2
7. DIS. OF THE HEART	5,350	137.2
8. MEASLES	4,430	113.6
9. CHICKEN FOX	4,358	111.8
10. MALARIA	4,120	105.6

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 11	
	NUMBER	RATE
1. BRONCHITIS	127,562	2560.2
2. DIARRHEAS	73,372	1472.6
3. INFLUENZA	53,678	1077.3
4. PNEUMONIAS	32,286	648.0
5. ACCIDENTS	15,658	314.3
6. T.B. ALL FORMS	12,573	252.3
7. MALARIA	8,852	177.7
8. MEASLES	6,272	125.9
9. DISEASES OF THE HEART	5,896	118.3
10. SHISTOSOMIASIS	5,850	117.4

**MORBIDITY: TEN (10) LEADING CAUSES  
BY HEALTH REGION  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	REGION 12	
	NUMBER	RATE
1. DIARRHEAS	40,254	1779.3
2. BRONCHITIS	26,721	1181.1
3. INFLUENZA	16,503	729.4
4. PNEUMONIAS	16,287	719.9
5. ACCIDENTS	8,258	365.0
6. DENGUE-FEVER	5,827	257.6
7. MALARIA	3,170	140.1
8. MEASLES	2,963	131.0
9. T.B. ALL FORMS	2,923	129.2
10. CHICKEN FOX	2,578	113.9

**MORBIDITY: TEN (10) LEADING CAUSES  
No. & Rate/100,000 Population  
PHILIPPINES  
1993**

CAUSES	ARMM	
	NUMBER	RATE
1. DIARRHEAS	61,448	3058.7
2. INFLUENZA	28,944	1440.7
3. BRONCHITIS	15,981	795.5
4. PNEUMONIAS	11,226	558.8
5. ACCIDENTS	6,274	312.3
6. T.B. ALL FORMS	4,776	237.7
7. CHICKEN FOX	1,760	87.6
8. DIS. OF THE HEART	1,290	64.2
9. MALARIA	967	48.1
10. TYPHOID & PARATYPHOID	559	27.8

**NOTIFIABLE DISEASES: REPORTED CASES  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		DIARRHEAS (004-009)		TB OTHER FORMS (010-012,014- 018,137)		TB MENINGITIS (013)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>19,609</b>	<b>29.3</b>	<b>1,337,449</b>	<b>1996.7</b>	<b>157,162</b>	<b>234.6</b>	<b>1,887</b>	<b>2.8</b>
<b>NAT. CAP. REGION</b>	<b>2,288</b>	<b>26.2</b>	<b>88,032</b>	<b>1009.8</b>	<b>18,694</b>	<b>214.4</b>	<b>163</b>	<b>1.9</b>
1ST DIST. MANILA	993	37.6	23,585	893.2	5,863	222.0	42	1.6
2ND DIST. MUN.	113	10.0	13,088	1160.0	3,402	301.5	11	1.0
QUEZON CITY	925	50.5	11,860	646.9	2,046	111.6	47	2.6
3RD DIST. MUN.	60	6.6	14,148	1559.9	1,910	210.6	5	0.6
CALOOCAN CITY	40	4.8	7,691	915.7	1,965	234.0	12	1.4
4TH DIST. MUN.	6	0.6	13,314	1380.7	2,788	289.1	10	1.0
PASAY CITY	151	37.4	4,346	1075.0	720	178.1	36	8.9
<b>C.A.R.</b>	<b>654</b>	<b>51.7</b>	<b>34,573</b>	<b>2731.9</b>	<b>1,495</b>	<b>118.1</b>	<b>14</b>	<b>1.1</b>
ABRA	19	9.5	6,080	3052.9	291	146.1	2	1.0
BENGUET	200	58.8	9,031	2655.7	169	49.7	2	0.6
IFUGAO	175	108.1	5,896	3640.8	520	321.1	7	4.3
KALINGA APAYAO	20	8.6	5,986	2578.3	216	93.0	3	1.3
MT. PROVINCE	46	36.4	5,671	4484.7	167	132.1	0	0.0
BAGUIO CITY	194	94.3	1,909	927.9	132	64.2	0	0.0
<b>REGION 1</b>	<b>807</b>	<b>20.8</b>	<b>65,827</b>	<b>1697.5</b>	<b>11,449</b>	<b>295.2</b>	<b>56</b>	<b>1.4</b>
ILOCOS NORTE	271	66.1	9,699	2366.1	1,768	431.3	2	0.5
ILOCOS SUR	198	35.2	9,548	1699.3	1,486	264.5	21	3.7
LA UNION	39	6.5	12,130	2014.4	2,812	467.0	5	0.8
PANGASINAN	82	4.2	21,746	1119.2	3,101	159.6	8	0.4
DAGUPAN CITY	126	94.2	2,734	2043.5	511	381.9	17	12.7
LAOAG CITY	37	40.7	5,164	5683.2	320	352.2	2	2.2
SAN CARLOS CITY	54	39.6	4,806	3526.3	1,451	1064.6	1	0.7
<b>REGION 2</b>	<b>215</b>	<b>8.3</b>	<b>54,079</b>	<b>2091.5</b>	<b>7,777</b>	<b>300.8</b>	<b>25</b>	<b>1.0</b>
BATANES	0	0.0	264	1632.5	119	735.8	0	0.0
CAGAYAN	31	3.4	18,260	2011.9	4,398	484.6	14	1.5
ISABELA	65	5.4	21,194	1767.0	2,273	189.5	6	0.5
NUEVA VIZCAYA	56	16.8	12,129	3635.8	638	191.2	4	1.2
QUIRINO	63	48.9	2,232	1732.2	349	270.8	1	0.8
<b>REGION 3</b>	<b>510</b>	<b>7.5</b>	<b>188,030</b>	<b>2749.4</b>	<b>11,463</b>	<b>167.6</b>	<b>84</b>	<b>1.2</b>
BATAAN	79	16.7	26,843	5670.6	4,499	950.4	25	5.3
BULACAN	115	6.9	30,913	1844.2	1,893	112.9	25	1.5
NUEVA ECUA	47	4.1	20,186	1779.0	776	68.4	11	1.0
PAMPANGA	73	5.1	37,991	2654.0	920	64.3	4	0.3
TARLAC	33	3.5	46,057	4891.0	821	87.2	3	0.3
ZAMBALES	36	8.9	12,024	2965.7	529	130.5	2	0.5
ANGELES CITY	86	32.9	4,486	1715.9	613	234.5	3	1.1

**NOTIFIABLE DISEASES: REPORTED CASES  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		DIARRHEAS (004-009)		TB OTHER FORMS (010-012,014- 018,137)		TB MENINGITIS (013)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	6,061	3198.3	230	121.4	3	1.6
OLONGAPO CITY	38	17.9	971	457.9	989	466.4	2	0.9
PALAYAN CITY	0	0.0	826	3694.9	44	196.8	1	4.5
SAN JOSE CITY	3	3.3	1,672	1843.0	149	164.2	5	5.5
<b>REGION 4</b>	<b>1,331</b>	<b>14.5</b>	<b>112,724</b>	<b>1225.3</b>	<b>18,460</b>	<b>200.7</b>	<b>113</b>	<b>1.2</b>
AURORA	8	5.1	1,520	963.8	299	189.6	0	0.0
BATANGAS	227	18.5	12,175	990.3	3,579	291.1	12	1.0
CAVITE	144	12.5	9,259	806.8	3,011	262.4	5	0.4
LAGUNA	24	1.8	2,692	198.0	1,420	104.5	23	1.7
MARINDUQUE	22	11.1	2,392	1208.1	590	298.0	1	0.5
MINDORO OCC.	41	13.2	6,781	2176.3	138	44.3	4	1.3
MINDORO OR.	9	1.5	8,785	1448.4	1,800	296.8	1	0.2
PALAWAN	6	1.2	9,958	2025.8	459	93.4	3	0.6
QUEZON	110	8.2	12,860	957.2	3,965	295.1	19	1.4
RIZAL	228	20.1	8,265	728.1	725	63.9	10	0.9
ROMBLON	287	116.6	8,390	3408.7	266	108.1	7	2.8
BATANGAS CITY	20	10.0	3,081	1533.2	274	136.3	9	4.5
CAVITE CITY	4	3.9	2,955	2870.2	158	153.5	4	3.9
LIPA CITY	12	6.9	2,546	1463.7	353	202.9	3	1.7
LUCENA CITY	15	9.1	2,780	1678.4	240	144.9	7	4.2
PUERTO PRINCESSA CITY	172	165.6	1,217	1171.6	398	383.2	0	0.0
SAN PABLO CITY	0	0.0	2,212	1216.5	503	276.6	5	2.7
TAGAYTAY CITY	0	0.0	8,630	32357.2	213	798.6	0	0.0
TRECE MARTIRES CITY	2	11.3	6,226	35324.8	69	391.5	0	0.0
<b>REGION 5</b>	<b>1,372</b>	<b>32.0</b>	<b>91,581</b>	<b>2133.5</b>	<b>25,107</b>	<b>584.9</b>	<b>636</b>	<b>14.8</b>
ALBAY	69	8.1	20,410	2381.3	4,253	496.2	34	4.0
CAMARINES NORTE	15	3.4	4,214	961.0	3,329	759.2	297	67.7
CAMARINES SUR	397	32.0	27,124	2189.5	7,629	615.8	104	8.4
CATANDUANES	11	5.4	2,349	1143.8	674	328.2	12	5.8
MASBATE	780	121.0	5,716	887.0	2,579	400.2	25	3.9
SORSOGON	23	4.1	7,486	1324.6	911	161.2	22	3.9
IRIGA CITY	14	17.0	591	716.9	704	854.0	7	8.5
LEGASPI CITY	38	28.7	14,247	10741.5	3,102	2338.7	31	23.4
NAGA CITY	25	19.5	9,444	7378.0	1,926	1504.7	104	81.2
<b>REGION 6</b>	<b>3,056</b>	<b>51.8</b>	<b>97,095</b>	<b>1645.6</b>	<b>13,714</b>	<b>232.4</b>	<b>145</b>	<b>2.5</b>
AKLAN	260	62.8	9,932	2397.2	2,149	518.7	23	5.6
ANTIQUE	172	38.8	7,552	1701.9	1,861	419.4	4	0.9
CAPIZ	317	60.2	12,360	2346.6	1,520	288.6	14	2.7
ILOILO	278	19.2	17,480	1208.8	2,319	160.4	17	1.2
NEGROS OCC.	922	60.7	31,038	2044.1	2,112	139.1	12	0.8
GUIMARAS		0.0	5789	4698.1		0.0		0.0
BACOLOD CITY	320	80.3	767	192.4	1,404	352.1	8	2.0

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AREA	TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		DIARRHEAS (004-009)		TB OTHER FORMS (010-012;014- 018-137)		TB MENINGITIS (013)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	213	158.3	5,214	3875.8	243	180.6	2	1.5
CADIZ CITY	65	49.6	1,473	1123.2	109	83.1	15	11.4
ILOILO CITY	177	48.8	2,221	611.8	443	122.0	1	0.3
LA CARLOTA CITY	80	129.4	943	1525.6	538	870.4	2	3.2
ROXAS CITY	187	166.8	961	857.0	587	523.5	7	6.2
SAN CARLOS CITY	65	56.2	1,365	1179.3	429	370.6	40	34.6
SILAY CITY	23	20.8	216	195.3	190	171.8	2	1.8
REGION 7	1,614	32.0	235,196	4660.7	7,460	147.8	128	2.5
BOHOL	140	14.3	103,621	10600.3	1,968	201.3	23	2.4
CEBU	281	16.8	30,003	1792.0	264	15.8	30	1.8
NEGROS OR.	322	39.6	24,249	2983.0	1,220	150.1	8	1.0
SITOUOR	240	301.9	2,429	3055.8	403	507.0	22	27.7
BAIS CITY	20	30.9	2,559	3951.9	320	494.2	0	0.0
CANLAON CITY	5	12.4	2,553	6320.7	879	2176.2	0	0.0
CEBU CITY	228	33.8	19,003	2819.3	928	137.7	24	3.6
DANAO CITY	26	32.1	3,208	3960.4	46	56.8	2	2.5
DUMAGUITE CITY	94	107.8	1,937	2221.1	174	199.5	1	1.1
LAPU-LAPU CITY	14	8.7	2,678	1658.8	113	70.0	3	1.9
MANDAWE CITY	30	15.1	34,320	17239.0	630	316.4	2	1.0
TAGBILARAN CITY	51	82.6	1,334	2159.8	357	578.0	8	13.0
TOLEDO CITY	163	123.0	7,302	5511.6	158	119.3	5	3.8
REGION 8	1,834	56.0	65,580	1948.7	5,680	168.8	194	5.8
LEYTE DEL NORTE	268	21.9	25,380	2075.2	2,191	179.1	137	11.2
LEYTE DEL SUR	810	226.1	9,249	2581.2	175	48.8	9	2.5
EASTERN SAMAR	25	7.0	10,726	2982.6	625	173.8	3	0.8
NORTHERN SAMAR	159	37.9	5,865	1398.4	1,574	375.3	3	0.7
WESTERN SAMAR	347	75.9	6,566	1435.9	187	40.9	21	4.6
BILIRAN	16	12.6	1942	1532.7	83	63.5	6	4.7
CALBAYOG CITY	201	159.3	2,942	2332.1	243	192.6	5	4.0
ORMOC CITY	27	18.8	968	675.5	291	203.1	10	7.0
TACLOBAN CITY	31	20.5	1,942	1281.6	311	205.2	0	0.0
REGION 9	854	31.2	63,823	2330.9	3,959	144.6	43	1.6
BASILAN	38	14.6	5,933	2278.0	166	63.7	3	1.2
ZAMBO. DEL NORTE	220	36.9	16,931	2839.7	1,472	246.9	10	1.7
ZAMBO. DEL SUR	238	21.4	29,897	2684.7	608	54.6	18	1.6
DAPITAN CITY	15	22.7	2,718	4121.5	650	985.6	2	3.0
DIPOLOG CITY	52	58.6	2,505	2823.0	312	351.6	5	5.6
PAGADIAN CITY	21	17.7	1,843	1551.1	230	193.6	1	0.8
ZAMBOANGA CITY	270	54.6	3,996	808.3	521	105.4	4	0.8

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AREA	TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		DIARRHEAS (004-009)		TB OTHER FORMS (010-012;014- 018;137)		TB MENINGITIS (013)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>1383</b>	<b>35.46</b>	<b>65835</b>	<b>1688.18</b>	<b>11811</b>	<b>302.86</b>	<b>107</b>	<b>2.74</b>
AGUSAN DEL NORTE	70	26.81	2122	812.84	1129	432.47	3	1.15
AGUSAN DEL SUR	196	40.27	9733	1999.52	573	117.72	5	1.03
BUKIDNON	142	14.86	19862	2078.80	4215	441.15	26	2.72
CAMIGUIN	35	50.40	1744	2511.48	289	416.18	0	0.00
MISAMIS OCC.	21	8.18	2886	1124.00	284	110.61	2	0.78
MISAMIS OR.	16	3.27	8874	1815.66	1153	235.91	7	1.43
SURIGAO DEL NORTE	149	41.33	4394	1218.96	1283	355.92	20	5.55
BUTUAN CITY	200	79.90	4606	1840.14	664	265.27	18	7.19
CAGAYAN DEL ORO	313	83.51	5122	1366.64	513	136.88	6	1.60
GINGOOG CITY	12	13.17	1069	1172.80	437	479.43	3	3.29
OROQUIETA CITY	45	79.25	2091	3682.38	903	1590.24	5	8.81
OZAMIS CITY	87	87.91	2100	2122.03	144	145.51	1	1.01
SURIGAO CITY	26	25.33	949	924.65	160	155.90	3	2.92
TANGUB CITY	71	152.91	283	609.49	64	137.84	8	17.23
<b>REGION 11</b>	<b>1976</b>	<b>39.66</b>	<b>73372</b>	<b>1472.59</b>	<b>12440</b>	<b>249.67</b>	<b>133</b>	<b>2.67</b>
COTABATO SOUTH	119	19.74	20490	3398.89	1341	222.45	5	0.83
DAVAO ORIENTAL	286	66.06	6441	1487.77	450	103.94	0	0.00
DAVAO DEL NORTE	174	14.60	13226	1109.54	1867	156.62	10	0.84
DAVAO DEL SUR	211	30.18	9166	1311.09	1338	191.39	2	0.29
SURIGAO DEL SUR	361	72.38	9555	1915.79	1740	348.87	15	3.01
SARANGANI	29	8.71	4931	1480.73	184	55.25	5	1.50
DAVAO CITY	707	75.29	5692	606.17	4963	528.54	96	10.22
GEN. SANTOS CITY	89	31.24	3871	1358.95	557	195.54	0	0.00
<b>REGION 12</b>	<b>1106</b>	<b>48.89</b>	<b>40254</b>	<b>1779.26</b>	<b>2891</b>	<b>127.78</b>	<b>32</b>	<b>1.41</b>
LANAO DEL NORTE	135	31.36	4335	1006.99	353	82.00	5	1.16
NORTH COTABATO	230	27.03	15485	1819.79	1030	121.04	5	0.59
SULTAN KUDARAT	94	19.37	9632	1984.91	729	150.23	6	1.24
COTABATO CITY	473	332.85	4823	3393.90	420	295.55	12	8.44
ILIGAN CITY	134	53.24	4069	1616.64	246	97.74	4	1.59
MARAWI CITY	40	39.24	1910	1873.89	113	110.86	0	0.00
<b>A.R.M.M.</b>	<b>559</b>	<b>27.83</b>	<b>61448</b>	<b>3058.69</b>	<b>4762</b>	<b>237.04</b>	<b>14</b>	<b>0.70</b>
LANAO DEL SUR	135	24.08	13335	2379.00	1296	231.21	0	0.00
MAGUINDANAO	262	37.22	24768	3518.45	1675	237.94	2	0.28
SULU	152	30.46	5955	1193.42	1422	284.98	10	2.00
TAWI-TAWI	10	4.07	17390	7083.45	369	150.30	2	0.81

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AREA	LEPROSY (030)		DIPHTHERIA (032)		WHOOPIING COUGH (033)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>2,430</b>	<b>3.6</b>	<b>867</b>	<b>1.3</b>	<b>5,628</b>	<b>8.4</b>	<b>2,778</b>	<b>4.1</b>
<b>NAT. CAP. REGION</b>	<b>150</b>	<b>1.7</b>	<b>334</b>	<b>3.8</b>	<b>455</b>	<b>5.2</b>	<b>531</b>	<b>6.1</b>
1ST DIST. MANILA	37	1.4	101	3.8	244	9.2	239	9.1
2ND DIST. MUN.	18	1.6	7	0.6	25	2.2	28	2.5
QUEZON CITY	32	1.7	61	3.3	170	9.3	179	9.8
3RD DIST. MUN.	7	0.8	49	5.4	0	0.0	20	2.2
CALOOCAN CITY	34	4.0	43	5.1	8	1.0	27	3.2
4TH DIST. MUN.	11	1.1	73	7.6	5	0.5	30	3.1
PASAY CITY	11	2.7	0	0.0	3	0.7	8	2.0
<b>C.A.R.</b>	<b>89</b>	<b>7.0</b>	<b>34</b>	<b>2.7</b>	<b>105</b>	<b>8.3</b>	<b>50</b>	<b>4.0</b>
ABRA	34	17.1	0	0.0	66	33.1	18	9.0
BENGUET	15	4.4	20	5.9	23	6.8	3	0.9
IFUGAO	8	4.9	13	8.0	3	1.9	19	11.7
KALINGA APAYAO	9	3.9	0	0.0	9	3.9	3	1.3
MT. PROVINCE	15	11.9	0	0.0	0	0.0	4	3.2
BAGUIO CITY	8	3.9	1	0.5	4	1.9	3	1.5
<b>REGION 1</b>	<b>179</b>	<b>4.6</b>	<b>34</b>	<b>0.9</b>	<b>88</b>	<b>2.3</b>	<b>147</b>	<b>3.8</b>
ILOCOS NORTE	57	13.9	0	0.0	0	0.0	19	4.6
ILOCOS SUR	32	5.7	0	0.0	9	1.6	28	5.0
LA UNION	16	2.7	1	0.2	3	0.5	13	2.2
PANGASINAN	43	2.2	4	0.2	15	0.8	43	2.2
DAGUPAN CITY	8	6.0	4	3.0	61	45.6	24	17.9
LAOAG CITY	7	7.7	25	27.5	0	0.0	8	8.8
SAN CARLOS CITY	16	11.7	0	0.0	0	0.0	12	8.8
<b>REGION 2</b>	<b>414</b>	<b>16.0</b>	<b>7</b>	<b>0.3</b>	<b>21</b>	<b>0.8</b>	<b>85</b>	<b>3.3</b>
BATANES	49	303.0	0	0.0	0	0.0	3	18.6
CAGAYAN	280	30.9	4	0.4	14	1.5	37	4.1
ISABELA	13	1.1	3	0.3	0	0.0	29	2.4
NUEVA VIZCAYA	59	17.7	0	0.0	2	0.6	10	3.0
QUIRINO	13	10.1	0	0.0	5	3.9	6	4.7
<b>REGION 3</b>	<b>166</b>	<b>2.4</b>	<b>30</b>	<b>0.4</b>	<b>215</b>	<b>3.1</b>	<b>164</b>	<b>2.4</b>
BATAAN	3	0.6	2	0.4	0	0.0	30	6.3
BULACAN	16	1.0	13	0.8	133	7.9	31	1.8
NUEVA ECIJA	53	4.7	8	0.7	0	0.0	22	1.9
PAMPANGA	21	1.5	0	0.0	13	0.9	18	1.3
TARLAC	19	2.0	2	0.2	35	3.7	15	1.6
ZAMBALES	18	4.4	3	0.7	17	4.2	11	2.7
ANGELES CITY	24	9.2	0	0.0	13	5.0	3	1.1



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AREA	LEPROSY (030)		DIPHTHERIA (032)		WHOOPIING COUGH (033)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	2	1.1	0	0.0	16	8.4
OLONGAPO CITY	5	2.4	0	0.0	2	0.9	10	4.7
PALAYAN CITY	3	13.4	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	4	4.4	0	0.0	2	2.2	8	8.8
<b>REGION 4</b>	<b>412</b>	<b>4.5</b>	<b>68</b>	<b>0.7</b>	<b>2,609</b>	<b>28.4</b>	<b>277</b>	<b>3.0</b>
AURORA	35	22.2	0	0.0	5	3.2	4	2.5
BATANGAS	5	0.4	5	0.4	413	33.6	20	1.6
CAVITE	35	3.0	9	0.8	0	0.0	35	3.0
LAGUNA	0	0.0	1	0.1	2	0.1	36	2.6
MARINDUQUE	111	56.1	0	0.0	13	6.6	7	3.5
MINDORO OCC.	5	1.6	26	8.3	0	0.0	18	5.8
MINDORO OR.	74	12.2	0	0.0	0	0.0	18	3.0
PALAWAN	15	3.1	2	0.4	0	0.0	23	4.7
QUEZON	9	0.7	16	1.2	1,045	77.8	28	2.1
RIZAL	71	6.3	8	0.7	5	0.4	35	3.1
ROMBLON	13	5.3	1	0.4	2	0.8	15	6.1
BATANGAS CITY	0	0.0	0	0.0	1,120	557.3	5	2.5
CAVITE CITY	7	6.8	0	0.0	0	0.0	4	3.9
LIPA CITY	1	0.6	0	0.0	0	0.0	7	4.0
LUCENA CITY	0	0.0	0	0.0	0	0.0	8	4.8
PUERTO PRINCESSA CITY	14	13.5	0	0.0	0	0.0	9	8.7
SAN PABLO CITY	17	9.3	0	0.0	4	2.2	5	2.7
TAGAYTAY CITY	0	0.0	0	0.0	0	0.0	0	0.0
TRECE MARTIRES CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 5</b>	<b>112</b>	<b>2.6</b>	<b>33</b>	<b>0.8</b>	<b>557</b>	<b>13.0</b>	<b>195</b>	<b>4.5</b>
ALBAY	0	0.0	9	1.1	2	0.2	25	2.9
CAMARINES NORTE	52	11.9	2	0.5	3	0.7	11	2.5
CAMARINES SUR	27	2.2	5	0.4	440	35.5	62	5.0
CATANDUANES	8	3.9	2	1.0	0	0.0	13	6.3
MASBATE	23	3.6	6	0.9	16	2.5	23	3.6
SORSOGON	2	0.4	2	0.4	25	4.4	24	4.2
IRIGA CITY	0	0.0	7	8.5	0	0.0	0	0.0
LEGASPI CITY	0	0.0	0	0.0	25	18.8	15	11.3
NAGA CITY	0	0.0	0	0.0	46	35.9	22	17.2
<b>REGION 6</b>	<b>271</b>	<b>4.6</b>	<b>43</b>	<b>0.7</b>	<b>183</b>	<b>3.1</b>	<b>298</b>	<b>5.1</b>
AKLAN	11	2.7	0	0.0	7	1.7	23	5.6
ANTIQUE	5	1.1	3	0.7	101	22.8	38	8.6
CAPIZ	5	0.9	0	0.0	5	0.9	24	4.6
ILOILO	22	1.5	3	0.2	8	0.6	71	4.9
NEGROS OCC.	47	3.1	4	0.3	27	1.8	42	2.8
GUIMARAS	1	0.8	0	0.0	0	0.0	15	12.2
BACOLOD CITY	157	39.4	27	6.8	0	0.0	17	4.3

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AREA	LEPROSY (030)		DIPHTHERIA (032)		WHOOPIING COUGH (033)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	0	0.0	0	0.0	0	0.0	7	5.2
CADIZ CITY	16	12.2	6	4.6	0	0.0	13	9.9
ILOILO CITY	0	0.0	0	0.0	8	2.2	15	4.1
LA CARLOTA CITY	0	0.0	0	0.0	22	35.6	0	0.0
ROXAS CITY	7	6.2	0	0.0	5	4.5	12	10.7
SAN CARLOS CITY	0	0.0	0	0.0	0	0.0	21	18.1
SILAY CITY	4	3.6	0	0.0	0	0.0	5	4.5
<b>REGION 7</b>	<b>159</b>	<b>3.2</b>	<b>18</b>	<b>0.4</b>	<b>116</b>	<b>2.3</b>	<b>210</b>	<b>4.2</b>
BOHOL	4	0.4	0	0.0	1	0.1	41	4.2
CEBU	24	1.4	17	1.0	37	2.2	68	4.1
NEGROS OR.	43	5.3	0	0.0	50	6.2	25	3.1
SIQUIJOR	0	0.0	0	0.0	0	0.0	7	8.8
BAIS CITY	0	0.0	0	0.0	13	20.1	5	7.7
CANLAON CITY	0	0.0	0	0.0	0	0.0	6	14.9
CEBU CITY	32	4.7	1	0.1	0	0.0	21	3.1
DANAO CITY	0	0.0	0	0.0	0	0.0	8	9.9
DUMAGUETE CITY	12	13.8	0	0.0	5	5.7	8	9.2
LAPU-LAPU CITY	17	10.5	0	0.0	1	0.6	4	2.5
MANDAWE CITY	23	11.6	0	0.0	9	4.5	5	2.5
TAGBILARAN CITY	2	3.2	0	0.0	0	0.0	5	8.1
TOLEDO CITY	2	1.5	0	0.0	0	0.0	7	5.3
<b>REGION 8</b>	<b>70</b>	<b>2.1</b>	<b>52</b>	<b>1.5</b>	<b>805</b>	<b>23.9</b>	<b>191</b>	<b>5.7</b>
LEYTE DEL NORTE	26	2.1	0	0.0	50	4.1	41	3.4
LEYTE DEL SUR	18	5.0	0	0.0	539	150.4	13	3.6
EASTERN SAMAR	8	2.2	0	0.0	20	5.6	6	1.7
NORTHERN SAMAR	2	0.5	3	0.7	86	20.5	32	7.6
WESTERN SAMAR	5	1.1	13	2.8	91	19.9	24	5.2
BILIRAN	1	0.8	6	4.7	0	0.0	1	0.8
CALBAYOG CITY	0	0.0	0	0.0	15	11.9	14	11.1
ORMOC CITY	0	0.0	0	0.0	4	2.8	50	34.9
TACLOBAN CITY	10	6.6	30	19.8	0	0.0	10	6.6
<b>REGION 9</b>	<b>159</b>	<b>5.8</b>	<b>0</b>	<b>0.0</b>	<b>45</b>	<b>1.6</b>	<b>124</b>	<b>4.5</b>
BASILAN	3	1.2	0	0.0	0	0.0	5	1.9
ZAMBO. DEL NORTE	35	5.9	0	0.0	10	1.7	28	4.7
ZAMBO. DEL SUR	88	7.9	0	0.0	33	3.0	46	4.1
DAPTAN CITY	0	0.0	0	0.0	0	0.0	1	1.5
DIPOLOG CITY	21	23.7	0	0.0	2	2.3	9	10.1
PAGADIAN CITY	2	1.7	0	0.0	0	0.0	0	0.0
ZAMBOANGA CITY	10	2.0	0	0.0	0	0.0	35	7.1

**NOTIFIABLE DISEASES: REPORTED CASES  
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AREA	LEPROSY (030)		DIPHTHERIA (032)		WHOOPING COUGH (033)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>71</b>	<b>1.82</b>	<b>0</b>	<b>0.00</b>	<b>88</b>	<b>2.26</b>	<b>128</b>	<b>3.28</b>
AGUSAN DEL NORTE	0	0.00	0	0.00	4	1.53	9	3.45
AGUSAN DEL SUR	3	0.62	0	0.00	27	5.55	7	1.44
BUKIDNON	11	1.15	0	0.00	13	1.36	23	2.41
CAMIGUIN	2	2.88	0	0.00	0	0.00	2	2.88
MISAMIS OCC.	0	0.00	0	0.00	1	0.39	10	3.89
MISAMIS OR.	14	2.86	0	0.00	19	3.89	6	1.23
SURIGAO DEL NORTE	29	8.05	0	0.00	7	1.94	9	2.50
BUTUAN CITY	7	2.80	0	0.00	0	0.00	21	8.39
CAGAYAN DEL ORO	3	0.80	0	0.00	5	1.33	12	3.20
GINGOOG CITY	0	0.00	0	0.00	0	0.00	5	5.49
OROQUIETA CITY	0	0.00	0	0.00	10	17.61	4	7.04
OZAMIS CITY	0	0.00	0	0.00	0	0.00	13	13.14
SURIGAO CITY	2	1.95	0	0.00	0	0.00	3	2.92
TANGUB CITY	0	0.00	0	0.00	2	4.31	4	8.61
<b>REGION 11</b>	<b>66</b>	<b>1.32</b>	<b>200</b>	<b>4.01</b>	<b>100</b>	<b>2.01</b>	<b>208</b>	<b>4.17</b>
COTABATO SOUTH	2	0.33	0	0.00	14	2.32	31	5.14
DAVAO ORIENTAL	13	3.00	2	0.46	2	0.46	16	3.70
DAVAO DEL NORTE	3	0.25	4	0.34	4	0.34	66	5.54
DAVAO DEL SUR	11	1.57	6	0.86	23	3.29	19	2.72
SURIGAO DEL SUR	4	0.80	0	0.00	55	11.03	8	1.60
SARANGANI	5	1.50	50	15.01	2	0.60	5	1.50
DAVAO CITY	12	1.28	16	1.70	0	0.00	46	4.90
GEN. SANTOS CITY	16	5.62	122	42.83	0	0.00	17	5.97
<b>REGION 12</b>	<b>30</b>	<b>1.33</b>	<b>0</b>	<b>0.00</b>	<b>79</b>	<b>3.49</b>	<b>150</b>	<b>6.63</b>
LANAO DEL NORTE	9	2.09	0	0.00	23	5.34	16	3.72
NORTH COTABATO	2	0.24	0	0.00	2	0.24	32	3.76
SULTAN KUDARAT	2	0.41	0	0.00	0	0.00	62	12.78
COTABATO CITY	0	0.00	0	0.00	9	6.33	22	15.48
ILIGAN CITY	15	5.96	0	0.00	29	11.52	15	5.96
MARAWI CITY	2	1.96	0	0.00	16	15.70	3	2.94
<b>A.R.M.M.</b>	<b>82</b>	<b>4.08</b>	<b>14</b>	<b>0.70</b>	<b>162</b>	<b>8.06</b>	<b>20</b>	<b>1.00</b>
LANAO DEL SUR	0	0.00	0	0.00	0	0.00	1	0.18
MAGUINDANAO	39	5.54	14	1.99	155	22.02	16	2.27
SULU	43	8.62	0	0.00	7	1.40	3	0.60
TAWI-TAWI	0	0.00	0	0.00	0	0.00	0	0.00

TABLE 15

**NOTIFIABLE DISEASES: REPORTED CASES  
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AREA	ACUTE POLIO- MYELITIS (045-138)		VARICELLA (052)		MEASLES (055)		H - FEVER (061-065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>600</b>	<b>0.9</b>	<b>71,317</b>	<b>106.5</b>	<b>85,345</b>	<b>127.4</b>	<b>21,146</b>	<b>31.6</b>
<b>NAT. CAP. REGION</b>	<b>23</b>	<b>0.3</b>	<b>4,725</b>	<b>54.2</b>	<b>5,306</b>	<b>60.9</b>	<b>1,793</b>	<b>20.6</b>
1ST DIST. MANILA	3	0.1	1,250	47.3	1,703	64.5	951	36.0
2ND DIST. MUN.	7	0.6	673	59.6	759	67.3	70	6.2
QUEZON CITY	7	0.4	975	53.2	1,390	75.8	304	16.6
3RD DIST. MUN.	6	0.7	892	98.3	584	64.4	39	4.3
CALOOCAN CITY	0	0.0	356	42.4	241	28.7	34	4.0
4TH DIST. MUN.	0	0.0	375	38.9	339	35.2	50	5.2
PASAY CITY	0	0.0	204	50.5	290	71.7	345	85.3
<b>C.A.R.</b>	<b>8</b>	<b>0.6</b>	<b>2,930</b>	<b>231.5</b>	<b>3,002</b>	<b>237.2</b>	<b>196</b>	<b>15.5</b>
ABRA	0	0.0	691	347.0	588	295.3	4	2.0
BENGUET	3	0.9	649	190.9	654	192.3	1	0.3
IFUGAO	0	0.0	409	252.6	362	223.5	2	1.2
KALINGA APAYAO	0	0.0	697	300.2	441	189.9	141	60.7
MT. PROVINCE	5	4.0	347	274.4	865	684.1	48	38.0
BAGUIO CITY	0	0.0	137	66.6	92	44.7	0	0.0
<b>REGION 1</b>	<b>20</b>	<b>0.5</b>	<b>4,016</b>	<b>103.6</b>	<b>2,392</b>	<b>61.7</b>	<b>310</b>	<b>8.0</b>
ILOCOS NORTE	2	0.5	865	211.0	474	115.6	2	0.5
ILOCOS SUR	1	0.2	467	83.1	453	80.6	74	13.2
LA UNION	13	2.2	752	124.9	620	103.0	36	6.0
PANGASINAN	2	0.1	1,403	72.2	571	29.4	32	1.6
DAGUPAN CITY	0	0.0	196	146.5	133	99.4	61	45.6
LAOAG CITY	0	0.0	164	180.5	71	78.1	6	6.6
SAN CARLOS CITY	2	1.5	169	124.0	70	51.4	99	72.6
<b>REGION 2</b>	<b>5</b>	<b>0.2</b>	<b>2,647</b>	<b>102.4</b>	<b>2,408</b>	<b>93.1</b>	<b>3</b>	<b>0.1</b>
BATANES	0	0.0	90	556.5	13	80.4	0	0.0
CAGAYAN	3	0.3	131	14.4	1,493	164.5	0	0.0
ISABELA	2	0.2	1,809	150.8	630	52.5	2	0.2
NUEVA VIZCAYA	0	0.0	285	85.4	105	31.5	0	0.0
QUIRINO	0	0.0	332	257.7	167	129.6	1	0.8
<b>REGION 3</b>	<b>55</b>	<b>0.8</b>	<b>7,323</b>	<b>107.1</b>	<b>3,678</b>	<b>53.8</b>	<b>2,732</b>	<b>39.9</b>
BATAAN	0	0.0	1,511	319.2	1,232	260.3	447	94.4
BULACAN	4	0.2	1,400	83.5	794	47.4	260	15.5
NUEVA ECUIJA	2	0.2	675	59.5	164	14.5	175	15.4
PAMPANGA	4	0.3	1,656	115.7	561	39.2	522	36.5
TARLAC	39	4.1	1,215	129.0	196	20.8	513	54.5
ZAMBALES	6	1.5	380	93.7	212	52.3	232	57.2
ANGELES CITY	0	0.0	253	96.8	266	101.7	173	66.2

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AREA	ACUTE POLIO- MYELITIS (045-138)		VARICELLA (052)		MEASLES (055)		H - FEVER (061-065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	128	67.5	65	34.3	5	2.6
OLONGAPO CITY	0	0.0	42	19.8	140	66.0	405	191.0
PALAYAN CITY	0	0.0	0	0.0	5	22.4	0	0.0
SAN JOSE CITY	0	0.0	63	69.4	43	47.4	0	0.0
<b>REGION 4</b>	<b>69</b>	<b>0.8</b>	<b>6,673</b>	<b>72.5</b>	<b>27,747</b>	<b>301.6</b>	<b>444</b>	<b>4.8</b>
AURORA	1	0.6	415	263.1	260	164.9	0	0.0
BATANGAS	2	0.2	684	55.6	1,393	113.3	227	18.5
CAVITE	3	0.3	720	62.7	622	54.2	42	3.7
LAGUNA	2	0.1	613	45.1	160	11.8	65	4.8
MARINDUQUE	3	1.5	365	184.3	817	412.6	1	0.5
MINDORO OCC.	2	0.6	538	172.7	657	210.9	6	1.9
MINDORO OR.	2	0.3	757	124.8	1,905	314.1	3	0.5
PALAWAN	0	0.0	447	90.9	3,057	621.9	4	0.8
QUEZON	53	3.9	110	8.2	683	50.8	10	0.7
RIZAL	1	0.1	911	80.3	8,211	723.4	62	5.5
ROMBLON	0	0.0	243	98.7	3,054	1240.8	3	1.2
BATANGAS CITY	0	0.0	45	22.4	722	359.3	4	2.0
CAVITE CITY	0	0.0	97	94.2	1,577	1531.8	1	1.0
LIPA CITY	0	0.0	348	200.1	361	207.5	1	0.6
LUCENA CITY	0	0.0	97	58.6	793	478.8	3	1.8
PUERTO PRINCESSA CITY	0	0.0	89	85.7	2,930	2820.8	1	1.0
SAN PABLO CITY	0	0.0	141	77.5	506	278.3	1	0.5
TAGAYTAY CITY	0	0.0	50	187.5	10	37.5	0	0.0
TRECE MARTIRES CITY	0	0.0	3	17.0	29	164.5	10	56.7
<b>REGION 5</b>	<b>11</b>	<b>0.3</b>	<b>6,591</b>	<b>153.5</b>	<b>8,347</b>	<b>194.5</b>	<b>508</b>	<b>11.8</b>
ALBAY	4	0.5	584	68.1	1,197	139.7	50	5.8
CAMARINES NORTE	0	0.0	633	144.4	649	148.0	135	30.8
CAMARINES SUR	2	0.2	2,886	233.0	4,290	346.3	216	17.4
CATANDUANES	0	0.0	92	44.8	135	65.7	3	1.5
MASBATE	0	0.0	575	89.2	591	91.7	21	3.3
SORSOGON	3	0.5	1,253	221.7	931	164.7	2	0.4
IRIGA CITY	2	2.4	75	91.0	46	55.8	1	1.2
LEGASPI CITY	0	0.0	488	367.9	169	127.4	24	18.1
NAGA CITY	0	0.0	5	3.9	339	264.8	56	43.7
<b>REGION 6</b>	<b>10</b>	<b>0.2</b>	<b>9,352</b>	<b>158.5</b>	<b>5,265</b>	<b>89.2</b>	<b>47</b>	<b>0.8</b>
AKLAN	2	0.5	385	92.9	548	132.3	37	8.9
ANTIQUE	0	0.0	1,183	266.6	735	165.6	26	5.9
CAPIZ	1	0.2	635	120.6	645	122.5	95	18.0
ILOILO	3	0.2	1,491	103.1	560	38.7	108	7.5
NEGROS OCC.	0	0.0	3,532	232.6	1,815	119.5	86	5.7
GUIMARAS	0	0.0	0	0.0		0.0		0.0
BACOLOD CITY	1	0.3	1,240	311.0	170	42.6	296	74.2

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AREA	ACUTE POLIO- MYELITIS (045-138)		VARICELLA (052)		MEASLES (055)		H - FEVER (061-065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	1	0.7	101	75.1	137	101.8	10	7.4
CADIZ CITY	2	1.5	55	41.9	96	73.2	6	4.6
ILOILO CITY	0	0.0	312	85.9	149	41.0	310	85.4
LA CARLOTA CITY	0	0.0	164	265.3	86	139.1	78	126.2
ROXAS CITY	0	0.0	71	63.3	94	83.8	31	27.6
SAN CARLOS CITY	0	0.0	183	158.1	230	198.7	8	6.9
SILAY CITY	0	0.0	15	13.6	18	16.3	5	4.5
<b>REGION 7</b>	<b>10</b>	<b>0.2</b>	<b>3,560</b>	<b>70.5</b>	<b>4,852</b>	<b>96.1</b>	<b>2,682</b>	<b>53.1</b>
BOHOL	2	0.2	856	87.6	911	93.2	110	11.3
CEBU	6	0.4	628	37.5	625	37.3	121	7.2
NEGROS OR.	2	0.2	674	82.9	50	6.2	69	8.5
SIQUJOR	0	0.0	45	56.6	0	0.0	58	73.0
BAIS CITY	0	0.0	30	46.3	66	101.9	8	12.4
CANLAON CITY	0	0.0	18	44.6	601	1488.0	4	9.9
CEBU CITY	0	0.0	435	64.5	1,497	222.1	1,076	159.6
DANAO CITY	0	0.0	35	43.2	15	18.5	10	12.3
DUMAGUETE CITY	0	0.0	74	84.9	86	98.6	44	50.5
LAPU-LAPU CITY	0	0.0	61	37.8	134	83.0	398	246.5
MANDAWE CITY	0	0.0	250	125.6	362	181.8	287	144.2
TAGBILARAN CITY	0	0.0	53	85.8	88	142.5	80	129.5
TOLEDO CITY	0	0.0	401	302.7	417	314.8	417	314.8
<b>REGION 8</b>	<b>29</b>	<b>0.9</b>	<b>4,977</b>	<b>147.9</b>	<b>5,014</b>	<b>149.0</b>	<b>588</b>	<b>17.5</b>
LEYTE DEL NORTE	2	0.2	1,478	120.8	1,135	92.8	86	7.0
LEYTE DEL SUR	2	0.6	479	133.7	217	60.6	218	60.8
EASTERN SAMAR	20	5.6	1,449	402.9	1,090	303.1	25	7.0
NORTHERN SAMAR	3	0.7	747	178.1	778	185.5	143	34.1
WESTERN SAMAR	2	0.4	552	120.7	1,147	250.8	17	3.7
BILIRAN	0	0.0	64	50.5	55	43.4	1	0.8
CALBAYOG CITY	0	0.0	151	119.7	366	290.1	5	4.0
ORMOC CITY	0	0.0	19	13.3	128	89.3	44	30.7
TACLOBAN CITY	0	0.0	38	25.1	98	64.7	49	32.3
<b>REGION 9</b>	<b>2</b>	<b>0.1</b>	<b>4,286</b>	<b>156.5</b>	<b>3,165</b>	<b>115.6</b>	<b>376</b>	<b>13.7</b>
BASILAN	0	0.0	193	74.1	319	122.5	18	6.9
ZAMBO. DEL NORTE	0	0.0	631	105.8	433	72.6	8	1.3
ZAMBO. DEL SUR	0	0.0	2,842	255.2	1,680	150.9	22	2.0
DAPITAN CITY	2	3.0	169	256.3	69	104.6	33	50.0
DIPOLOG CITY	0	0.0	169	190.5	226	254.7	2	2.3
PAGADIAN CITY	0	0.0	189	159.1	46	38.7	2	1.7
ZAMBOANGA CITY	0	0.0	93	18.8	392	79.3	291	58.9

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AREA	ACUTE POLIO- MYELITIS (045-138)		VARICELLA (052)		MEASLES (055)		H - FEVER (061-065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>306</b>	<b>7.85</b>	<b>4358</b>	<b>111.75</b>	<b>4430</b>	<b>113.60</b>	<b>4038</b>	<b>103.54</b>
AGUSAN DEL NORTE	2	0.77	320	122.58	137	52.48	9	3.45
AGUSAN DEL SUR	4	0.82	703	144.42	829	170.31	38	7.81
BUKIDNON	3	0.31	843	88.23	1138	119.11	104	10.88
CAMIGUIN	23	33.12	98	141.13	81	116.65	22	31.68
MISAMIS OCC.	202	78.67	265	103.21	29	11.29	7	2.73
MISAMIS OR.	0	0.00	856	175.14	462	94.53	14	2.86
SURIGAO DEL NORTE	62	17.20	404	112.08	360	99.87	89	24.69
BUTUAN CITY	3	1.20	153	61.12	280	111.86	65	25.97
CAGAYAN DEL ORO	4	1.07	79	21.08	745	198.78	3621	966.14
GINGOOG CITY	0	0.00	151	165.66	56	61.44	6	6.58
OROQUIETA CITY	0	0.00	111	195.48	118	207.81	18	31.70
OZAMIS CITY	0	0.00	128	129.34	70	70.73	17	17.18
SURIGAO CITY	1	0.97	174	169.54	55	53.59	15	14.62
TANGUB CITY	2	4.31	73	157.22	70	150.76	13	28.00
<b>REGION 11</b>	<b>11</b>	<b>0.22</b>	<b>5541</b>	<b>111.21</b>	<b>6272</b>	<b>125.88</b>	<b>1512</b>	<b>30.35</b>
COTABATO SOUTH	2	0.33	1235	204.86	686	113.79	195	32.35
DAVAO ORIENTAL	5	1.15	1012	233.76	658	151.99	29	6.70
DAVAO DEL NORTE	2	0.17	521	43.71	712	59.73	101	8.47
DAVAO DEL SUR	0	0.00	988	141.32	1034	147.90	199	28.46
SURIGAO DEL SUR	0	0.00	853	171.03	1583	317.39	21	4.21
SARANGANI	0	0.00	242	72.67	163	48.95	127	38.14
DAVAO CITY	0	0.00	462	49.20	1221	130.03	786	83.71
GEN. SANTOS CITY	2	0.70	228	80.04	215	75.48	54	18.96
<b>REGION 12</b>	<b>3</b>	<b>0.13</b>	<b>2578</b>	<b>113.95</b>	<b>2963</b>	<b>130.97</b>	<b>5827</b>	<b>257.56</b>
LANAO DEL NORTE	0	0.00	374	86.88	284	65.97	13	3.02
NORTH COTABATO	0	0.00	799	93.90	1194	140.32	100	11.75
SULTAN KUDARAT	0	0.00	834	171.87	240	49.46	5078	1046.45
COTABATO CITY	2	1.41	120	84.44	745	524.25	577	406.03
ILIGAN CITY	0	0.00	450	178.79	460	182.76	49	19.47
MARAWI CITY	1	0.98	1	0.98	40	39.24	10	9.81
<b>A.R.M.M.</b>	<b>38</b>	<b>1.89</b>	<b>1760</b>	<b>87.61</b>	<b>504</b>	<b>25.09</b>	<b>90</b>	<b>4.48</b>
LANAO DEL SUR	0	0.00	174	31.04	134	23.91	13	2.32
MAGUINDANAO	38	5.40	1490	211.66	240	34.09	25	3.55
SULU	0	0.00	50	10.02	115	23.05	48	9.62
TAWI-TAWI	0	0.00	46	18.74	15	6.11	4	1.63

**NOTIFIABLE DISEASES: REPORTED CASES  
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AREA	INFECTIOUS HEPATITIS (070)		MALARIA (084)		SYPHILLIS (090-097)		GONO- CCOCCAL INFECTION (098)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>22,634</b>	<b>33.8</b>	<b>49,506</b>	<b>73.9</b>	<b>136</b>	<b>0.2</b>	<b>2,158</b>	<b>3.2</b>
<b>NAT. CAP. REGION</b>	<b>1,401</b>	<b>16.1</b>	<b>248</b>	<b>2.8</b>	<b>14</b>	<b>0.2</b>	<b>191</b>	<b>2.2</b>
1ST DIST. MANILA	315	11.9	67	2.5	9	0.3	57	2.2
2ND DIST. MUN.	275	24.4	8	0.7	3	0.3	21	1.9
QUEZON CITY	269	14.7	116	6.3	2	0.1	3	0.2
3RD DIST. MUN.	137	15.1	4	0.4	0	0.0	107	11.8
CALOOCAN CITY	149	17.7	41	4.9	0	0.0	0	0.0
4TH DIST. MUN.	135	14.0	6	0.6	0	0.0	2	0.2
PASAY CITY	121	29.9	6	1.5	0	0.0	1	0.2
<b>C.A.R.</b>	<b>334</b>	<b>26.4</b>	<b>6,442</b>	<b>509.0</b>	<b>10</b>	<b>0.8</b>	<b>159</b>	<b>12.6</b>
ABRA	23	11.5	190	95.4	0	0.0	0	0.0
BENGUET	32	9.4	10	2.9	1	0.3	0	0.0
IFUGAO	131	80.9	2,580	1593.2	0	0.0	0	0.0
KALINGA APAYAO	62	26.7	2,310	995.0	0	0.0	0	0.0
MT. PROVINCE	39	30.8	1,352	1069.2	0	0.0	10	7.9
BAGUIO CITY	47	22.8	0	0.0	9	4.4	149	72.4
<b>REGION 1</b>	<b>659</b>	<b>17.0</b>	<b>249</b>	<b>6.4</b>	<b>1</b>	<b>0.0</b>	<b>2</b>	<b>0.1</b>
ILOCOS NORTE	91	22.2	117	28.5	1	0.2	0	0.0
ILOCOS SUR	151	26.9	24	4.3	0	0.0	2	0.4
LA UNION	88	14.6	12	2.0	0	0.0	0	0.0
PANGASINAN	236	12.1	63	3.2	0	0.0	0	0.0
DAGUPAN CITY	62	46.3	15	11.2	0	0.0	0	0.0
LAOAG CITY	14	15.4	7	7.7	0	0.0	0	0.0
SAN CARLOS CITY	17	12.5	11	8.1	0	0.0	0	0.0
<b>REGION 2</b>	<b>519</b>	<b>20.1</b>	<b>9,567</b>	<b>370.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
BATANES	3	18.6	43	265.9	0	0.0	0	0.0
CAGAYAN	321	35.4	6,352	699.9	0	0.0	0	0.0
ISABELA	135	11.3	1,044	87.0	0	0.0	0	0.0
NUEVA VIZCAYA	16	4.8	70	21.0	0	0.0	0	0.0
QUIRINO	44	34.1	2,058	1597.2	0	0.0	0	0.0
<b>REGION 3</b>	<b>451</b>	<b>6.6</b>	<b>1,510</b>	<b>22.1</b>	<b>5</b>	<b>0.1</b>	<b>371</b>	<b>5.4</b>
BATAAN	47	9.9	818	172.8	3	0.6	0	0.0
BULACAN	112	6.7	122	7.3	0	0.0	6	0.4
NUEVA ECIJA	47	4.1	50	4.4	0	0.0	0	0.0
PAMPANGA	19	1.3	5	0.3	0	0.0	0	0.0
TARLAC	24	2.5	8	0.8	0	0.0	0	0.0
ZAMBALES	58	14.3	260	64.1	0	0.0	66	16.3
ANGELES CITY	62	23.7	2	0.8	0	0.0	258	98.7



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AREA	INFECTIOUS HEPATITIS (070)		MALARIA (084)		SYPHILIS (090-097)		GONO- CCOCCAL INFECTION (098)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	20	10.6	8	4.2	2	1.1	0	0.0
OLONGAPO CITY	36	17.0	109	51.4	0	0.0	41	19.3
PALAYAN CITY	0	0.0	116	518.9	0	0.0	0	0.0
SAN JOSE CITY	26	28.7	12	13.2	0	0.0	0	0.0
<b>REGION 4</b>	<b>8,572</b>	<b>93.2</b>	<b>6,981</b>	<b>75.9</b>	<b>8</b>	<b>0.1</b>	<b>76</b>	<b>0.8</b>
AURORA	8	5.1	790	500.9	0	0.0	0	0.0
BATANGAS	359	29.2	101	8.2	3	0.2	0	0.0
CAVITE	45	3.9	136	11.9	0	0.0	10	0.9
LAGUNA	103	7.6	211	15.5	0	0.0	0	0.0
MARINDUQUE	88	44.4	54	27.3	0	0.0	0	0.0
MINDORO OCC.	16	5.1	20	6.4	0	0.0	0	0.0
MINDORO OR.	63	10.4	247	40.7	0	0.0	0	0.0
PALAWAN	152	30.9	3,573	726.9	0	0.0	0	0.0
QUEZON	171	12.7	44	3.3	4	0.3	0	0.0
RIZAL	7,335	646.2	125	11.0	0	0.0	8	0.7
ROMBLON	20	8.1	13	5.3	0	0.0	0	0.0
BATANGAS CITY	5	2.5	6	3.0	0	0.0	0	0.0
CAVITE CITY	12	11.7	2	1.9	0	0.0	0	0.0
LIPA CITY	22	12.6	2	1.1	0	0.0	0	0.0
LUCENA CITY	17	10.3	16	9.7	0	0.0	0	0.0
PUERTO PRINCESSA CITY	123	118.4	1,630	1569.2	0	0.0	58	55.8
SAN PABLO CITY	30	16.5	4	2.2	1	0.5	0	0.0
TAGAYTAY CITY	0	0.0	3	11.2	0	0.0	0	0.0
TRECE MARTIRES CITY	3	17.0	4	22.7	0	0.0	0	0.0
<b>REGION 5</b>	<b>1,219</b>	<b>28.4</b>	<b>3,596</b>	<b>83.8</b>	<b>2</b>	<b>0.0</b>	<b>29</b>	<b>0.7</b>
ALBAY	270	31.5	8	0.9	2	0.2	0	0.0
CAMARINES NORTE	36	8.2	2,011	458.6	0	0.0	0	0.0
CAMARINES SUR	325	26.2	1,524	123.0	0	0.0	5	0.4
CATANDUANES	14	6.8	0	0.0	0	0.0	0	0.0
MASBATE	481	74.6	13	2.0	0	0.0	19	2.9
SORSOGON	55	9.7	25	4.4	0	0.0	0	0.0
IRIGA CITY	8	9.7	6	7.3	0	0.0	0	0.0
LEGASPI CITY	15	11.3	0	0.0	0	0.0	0	0.0
NAGA CITY	15	11.7	9	7.0	0	0.0	5	3.9
<b>REGION 6</b>	<b>2,239</b>	<b>37.9</b>	<b>92</b>	<b>1.6</b>	<b>18</b>	<b>0.3</b>	<b>606</b>	<b>10.3</b>
AKLAN	417	100.6	0	0.0	3	0.7	42	10.1
ANTIQUE	289	65.1	5	1.1	0	0.0	8	1.8
CAPIZ	199	37.8	3	0.6	2	0.4	41	7.8
ILOILO	401	27.7	7	0.5	0	0.0	0	0.0
NEGROS OCC.	318	20.9	49	3.2	0	0.0	1	0.1
GUIMARAS		0.0		0.0		0.0		0.0
BACOLOD CITY	101	25.3	0	0.0	4	1.0	181	45.4

TABLE 15

**NOTIFIABLE DISEASES: REPORTED CASES  
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AREA	INFECTIOUS HEPATITIS (070)		MALARIA (084)		SYPHILLIS (090-097)		GONO- CCOCCAL INFECTION (098)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	6	4.5	0	0.0	0	0.0	3	2.2
CADIZ CITY	33	25.2	0	0.0	0	0.0	42	32.0
ILOILO CITY	203	55.9	0	0.0	2	0.6	152	41.9
LA CARLOTA CITY	15	24.3	0	0.0	0	0.0	0	0.0
ROXAS CITY	63	56.2	0	0.0	6	5.4	122	108.8
SAN CARLOS CITY	194	167.6	28	24.2	1	0.9	14	12.1
SILAY CITY	19	17.2	0	0.0	0	0.0	0	0.0
<b>REGION 7</b>	<b>755</b>	<b>15.0</b>	<b>324</b>	<b>6.4</b>	<b>22</b>	<b>0.4</b>	<b>0</b>	<b>0.0</b>
BOHOL	80	8.2	34	3.5	2	0.2	0	0.0
CEBU	315	18.8	2	0.1	0	0.0	0	0.0
NEGROS OR.	40	4.9	111	13.7	0	0.0	0	0.0
SIQUIJOR	47	59.1	0	0.0	0	0.0	0	0.0
BAIS CITY	25	38.6	0	0.0	0	0.0	0	0.0
CANLAON CITY	9	22.3	0	0.0	0	0.0	0	0.0
CEBU CITY	131	19.4	165	24.5	20	3.0	0	0.0
DANA O CITY	10	12.3	7	8.6	0	0.0	0	0.0
DUMAGUETE CITY	36	41.3	0	0.0	0	0.0	0	0.0
LAPU-LAPU CITY	4	2.5	0	0.0	0	0.0	0	0.0
MANDAWE CITY	9	4.5	3	1.5	0	0.0	0	0.0
TAGBILARAN CITY	34	55.0	2	3.2	0	0.0	0	0.0
TOLEDO CITY	15	11.3	0	0.0	0	0.0	0	0.0
<b>REGION 8</b>	<b>781</b>	<b>23.2</b>	<b>30</b>	<b>0.9</b>	<b>5</b>	<b>0.1</b>	<b>4</b>	<b>0.1</b>
LEYTE DEL NORTE	217	17.7	1	0.1	3	0.2	4	0.3
LEYTE DEL SUR	257	71.7	14	3.9	0	0.0	0	0.0
EASTERN SAMAR	112	31.1	8	2.2	0	0.0	0	0.0
NORTHERN SAMAR	60	14.3	0	0.0	2	0.5	0	0.0
WESTERN SAMAR	44	9.6	7	1.5	0	0.0	0	0.0
BILIRAN	3	2.4	0	0.0	0	0.0	0	0.0
CALBAYOG CITY	38	30.1	0	0.0	0	0.0	0	0.0
ORMOC CITY	22	15.4	0	0.0	0	0.0	0	0.0
TACLOBAN CITY	28	18.5	0	0.0	0	0.0	0	0.0
<b>REGION 9</b>	<b>645</b>	<b>23.6</b>	<b>3,358</b>	<b>122.6</b>	<b>33</b>	<b>1.2</b>	<b>291</b>	<b>10.6</b>
BASILAN	6	2.3	330	126.7	0	0.0	0	0.0
ZAMBO. DEL NORTE	163	27.3	770	129.1	0	0.0	0	0.0
ZAMBO. DEL SUR	335	30.1	1,320	118.5	0	0.0	0	0.0
DAPITAN CITY	37	56.1	76	115.2	0	0.0	0	0.0
DIPOLOG CITY	16	18.0	13	14.7	0	0.0	93	104.8
PAGADIAN CITY	20	16.8	11	9.3	0	0.0	104	87.5
ZAMBOANGA CITY	68	13.8	838	169.5	33	6.7	94	19.0

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AREA	INFECTIOUS HEPATITIS (070)		MALARIA (084)		SYPHILLIS (090-097)		GONO- CCOCCAL INFECTION (098)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>3,296</b>	<b>84.52</b>	<b>4,120</b>	<b>105.65</b>	<b>5</b>	<b>0.13</b>	<b>0</b>	<b>0.00</b>
AGUSAN DEL NORTE	51	19.54	218	83.51	0	0.00	0	0.00
AGUSAN DEL SUR	179	36.77	1,814	372.66	0	0.00	0	0.00
BUKIDNON	341	35.69	737	77.14	0	0.00	0	0.00
CAMIGUIN	61	87.84	16	23.04	2	2.88	0	0.00
MISAMIS OCC.	79	30.77	19	7.40	0	0.00	0	0.00
MISAMIS OR.	1,884	385.48	88	18.01	0	0.00	0	0.00
SURIGAO DEL NORTE	255	70.74	113	31.35	0	0.00	0	0.00
BUTUAN CITY	172	68.72	679	271.27	0	0.00	0	0.00
CAGAYAN DEL ORO	61	16.28	32	8.54	0	0.00	0	0.00
GINGOOG CITY	14	15.36	210	230.39	3	3.29	0	0.00
OROQUIETA CITY	70	123.27	54	95.10	0	0.00	0	0.00
OZAMIS CITY	30	30.31	0	0.00	0	0.00	0	0.00
SURIGAO CITY	83	80.87	140	136.41	0	0.00	0	0.00
TANGUB CITY	16	34.46	0	0.00	0	0.00	0	0.00
<b>REGION 11</b>	<b>1,345</b>	<b>26.99</b>	<b>8,852</b>	<b>177.66</b>	<b>8</b>	<b>0.16</b>	<b>413</b>	<b>8.29</b>
COTABATO SOUTH	259	42.96	251	41.64	0	0.00	5	0.83
DAVAO ORIENTAL	61	14.09	4,803	1109.41	1	0.23	0	0.00
DAVAO DEL NORTE	99	8.31	1,234	103.52	0	0.00	0	0.00
DAVAO DEL SUR	103	14.73	520	74.38	0	0.00	0	0.00
SURIGAO DEL SUR	360	72.18	897	179.85	7	1.40	0	0.00
SARANGANI	84	25.22	261	78.38	0	0.00	0	0.00
DAVAO CITY	366	38.98	866	92.23	0	0.00	302	32.16
GEN. SANTOS CITY	13	4.56	20	7.02	0	0.00	106	37.21
<b>REGION 12</b>	<b>287</b>	<b>12.69</b>	<b>3,170</b>	<b>140.12</b>	<b>5</b>	<b>0.22</b>	<b>16</b>	<b>0.71</b>
LANAO DEL NORTE	98	22.76	52	12.08	0	0.00	0	0.00
NORTH COTABATO	61	7.17	65	7.64	2	0.24	0	0.00
SULTAN KUDARAT	33	6.80	2,843	585.87	0	0.00	16	3.30
COTABATO CITY	40	28.15	172	121.03	2	1.41	0	0.00
ILIGAN CITY	43	17.08	28	11.12	1	0.40	0	0.00
MARAWI CITY	12	11.77	10	9.81	0	0.00	0	0.00
<b>A.R.M.M.</b>	<b>131</b>	<b>6.52</b>	<b>967</b>	<b>48.13</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
LANAO DEL SUR	38	6.78	12	2.14	0	0.00	0	0.00
MAGUINDANAO	70	9.94	27	3.84	0	0.00	0	0.00
SULU	18	3.61	853	170.95	0	0.00	0	0.00
TAWI-TAWI	5	2.04	75	30.55	0	0.00	0	0.00

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AREA	SCHISTO-SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-239)		DIS. OF THE HEART (393-398; 4002;404; 429)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>12,393</b>	<b>18.5</b>	<b>1,546</b>	<b>2.3</b>	<b>40,155</b>	<b>59.9</b>	<b>111,874</b>	<b>167.0</b>
<b>NAT. CAP. REGION</b>	<b>89</b>	<b>1.0</b>	<b>39</b>	<b>0.4</b>	<b>8,806</b>	<b>101.0</b>	<b>5,408</b>	<b>62.0</b>
1ST DIST. MANILA	10	0.4	22	0.8	2,576	97.6	1,857	70.3
2ND DIST. MUN.	9	0.8	13	1.2	978	86.7	802	71.1
QUEZON CITY	18	1.0	0	0.0	2,250	122.7	1,356	74.0
3RD DIST. MUN.	3	0.3	0	0.0	749	82.6	355	39.1
CALOOCAN CITY	2	0.2	0	0.0	653	77.8	485	57.7
4TH DIST. MUN.	44	4.6	4	0.4	1,221	126.6	360	37.3
PASAY CITY	3	0.7	0	0.0	379	93.7	193	47.7
<b>C.A.R.</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>685</b>	<b>54.1</b>	<b>2,070</b>	<b>163.6</b>
ABRA	0	0.0	0	0.0	72	36.2	226	113.5
BENGUET	0	0.0	0	0.0	360	105.9	463	136.2
IFUGAO	0	0.0	0	0.0	43	26.6	380	234.7
KALINGA APAYAO	0	0.0	0	0.0	46	19.8	65	28.0
MT. PROVINCE	0	0.0	0	0.0	51	40.3	646	510.9
BAGUIO CITY	0	0.0	0	0.0	113	54.9	290	141.0
<b>REGION 1</b>	<b>47</b>	<b>1.2</b>	<b>13</b>	<b>0.3</b>	<b>3,075</b>	<b>79.3</b>	<b>8,429</b>	<b>217.4</b>
ILOCOS NORTE	23	5.6	10	2.4	415	101.2	2,240	546.5
ILOCOS SUR	0	0.0	0	0.0	520	92.5	1,458	259.5
LA UNION	0	0.0	0	0.0	405	67.3	1,183	196.5
PANGASINAN	2	0.1	0	0.0	1,200	61.8	2,473	127.3
DAGUPAN CITY	22	16.4	3	2.2	192	143.5	400	299.0
LAOAG CITY	0	0.0	0	0.0	198	217.9	390	429.2
SAN CARLOS CITY	0	0.0	0	0.0	145	106.4	285	209.1
<b>REGION 2</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>1,280</b>	<b>49.5</b>	<b>4,544</b>	<b>175.7</b>
BATANES	0	0.0	0	0.0	33	204.1	62	383.4
CAGAYAN	0	0.0	0	0.0	456	50.2	2,825	311.3
ISABELA	0	0.0	0	0.0	511	42.6	423	35.3
NUEVA VIZCAYA	1	0.3	0	0.0	223	66.8	855	256.3
QUIRINO	0	0.0	0	0.0	57	44.2	379	294.1
<b>REGION 3</b>	<b>4</b>	<b>0.1</b>	<b>21</b>	<b>0.3</b>	<b>5,323</b>	<b>77.8</b>	<b>6,874</b>	<b>100.5</b>
BATAAN	0	0.0	0	0.0	379	80.1	1,875	396.1
BULACAN	0	0.0	4	0.2	1,231	73.4	937	55.9
NUEVA ECIJA	0	0.0	0	0.0	805	70.9	1,123	99.0
PAMPANGA	2	0.1	0	0.0	997	69.6	640	44.7
TARLAC	0	0.0	9	1.0	589	62.5	535	56.8
ZAMBALES	2	0.5	0	0.0	493	121.6	112	27.6
ANGELES CITY	0	0.0	8	3.1	259	99.1	1,103	421.9

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AREA	SCHISTO-SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-239)		DIS. OF THE HEART (393-398; 4002;404; 429)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	0	0.0	311	164.1	95	50.1
OLONGAPO CITY	0	0.0	0	0.0	200	94.3	179	84.4
PALAYAN CITY	0	0.0	0	0.0	11	49.2	6	26.8
SAN JOSE CITY	0	0.0	0	0.0	48	52.9	269	296.5
<b>REGION 4</b>	<b>20</b>	<b>0.2</b>	<b>213</b>	<b>2.3</b>	<b>5,309</b>	<b>57.7</b>	<b>16,475</b>	<b>179.1</b>
AURORA	0	0.0	0	0.0	45	28.5	62	39.3
BATANGAS	1	0.1	5	0.4	989	80.4	1,326	107.9
CAVITE	2	0.2	3	0.3	876	76.3	835	72.8
LAGUNA	3	0.2	0	0.0	795	58.5	2,611	192.1
MARINDUQUE	0	0.0	176	88.9	127	64.1	273	137.9
MINDORO OCC.	0	0.0	0	0.0	90	28.9	190	61.0
MINDORO OR.	10	1.6	0	0.0	269	44.4	638	105.2
PALAWAN	0	0.0	0	0.0	89	18.1	148	30.1
QUEZON	0	0.0	25	1.9	701	52.2	6,471	481.7
RIZAL	4	0.4	0	0.0	622	54.8	779	68.6
ROMBLON	0	0.0	0	0.0	111	45.1	900	365.7
BATANGAS CITY	0	0.0	2	1.0	97	48.3	1,067	531.0
CAVITE CITY	0	0.0	0	0.0	78	75.8	69	67.0
LIPA CITY	0	0.0	0	0.0	134	77.0	152	87.4
LUCENA CITY	0	0.0	2	1.2	93	56.1	163	98.4
PUERTO PRINCESSA CITY	0	0.0	0	0.0	50	48.1	40	38.5
SAN PABLO CITY	0	0.0	0	0.0	86	47.3	337	185.3
TAGAYTAY CITY	0	0.0	0	0.0	35	131.2	315	1181.1
TRECE MARTIRES CITY	0	0.0	0	0.0	22	124.8	99	561.7
<b>REGION 5</b>	<b>63</b>	<b>1.5</b>	<b>809</b>	<b>18.8</b>	<b>1,558</b>	<b>36.3</b>	<b>8,675</b>	<b>202.1</b>
ALBAY	55	6.4	0	0.0	302	35.2	1,312	153.1
CAMARINES NORTE	0	0.0	0	0.0	187	42.6	920	209.8
CAMARINES SUR	0	0.0	0	0.0	344	27.8	3,751	302.8
CATANDUANES	2	1.0	0	0.0	71	34.6	215	104.7
MASBATE	0	0.0	0	0.0	216	33.5	444	68.9
SORSOGON	6	1.1	809	143.2	221	39.1	466	82.5
IRIGA CITY	0	0.0	0	0.0	49	59.4	45	54.6
LEGASPI CITY	0	0.0	0	0.0	90	67.9	670	505.1
NAGA CITY	0	0.0	0	0.0	78	60.9	852	665.6
<b>REGION 6</b>	<b>8</b>	<b>0.1</b>	<b>8</b>	<b>0.1</b>	<b>3,199</b>	<b>54.2</b>	<b>12,517</b>	<b>212.1</b>
AKLAN	2	0.5	0	0.0	295	71.2	1,727	416.8
ANTIQUE	0	0.0	0	0.0	204	46.0	619	139.5
CAPIZ	2	0.4	0	0.0	293	55.6	294	55.8
ILOILO	1	0.1	0	0.0	839	58.0	7,463	516.1
NEGROS OCC.	1	0.1	4	0.3	621	40.9	791	52.1
GUIMARAS	0	0.0	0	0.0	73	59.2	58	47.1
BACOLOD CITY	0	0.0	0	0.0	315	79.0	150	37.6

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AREA	SCHISTO-SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-239)		DIS. OF THE HEART (393-398; 4002;404; 429)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	0	0.0	0	0.0	67	49.8	137	101.8
CADIZ CITY	2	1.5	4	3.1	74	56.4	158	120.5
ILOILO CITY	0	0.0	0	0.0	247	68.0	645	177.7
LA CARLOTA CITY	0	0.0	0	0.0	49	79.3	91	147.2
ROXAS CITY	0	0.0	0	0.0	63	56.2	287	255.9
SAN CARLOS CITY	0	0.0	0	0.0	59	51.0	97	83.8
SILAY CITY	0	0.0	0	0.0	77	69.6	226	204.3
REGION 7	40	0.8	1	0.0	3,903	77.3	25,943	514.1
BOHOL	7	0.7	0	0.0	539	55.1	389	39.8
CEBU	5	0.3	1	0.1	1,421	84.9	22,579	1348.6
NEGROS OR.	25	3.1	0	0.0	393	48.3	1,786	219.7
SIQUIJOR	3	3.8	0	0.0	87	109.4	78	98.1
BAIS CITY	0	0.0	0	0.0	27	41.7	93	143.6
CANLAON CITY	0	0.0	0	0.0	30	74.3	27	66.8
CEBU CITY	0	0.0	0	0.0	769	114.1	185	27.4
DANAO CITY	0	0.0	0	0.0	78	96.3	120	148.1
DUMAGUETE CITY	0	0.0	0	0.0	98	112.4	275	315.3
LAPU-LAPU CITY	0	0.0	0	0.0	137	84.9	138	85.5
MANDAWE CITY	0	0.0	0	0.0	151	75.8	74	37.2
TAGBILARAN CITY	0	0.0	0	0.0	83	134.4	143	231.5
TOLEDO CITY	0	0.0	0	0.0	90	67.9	56	42.3
REGION 8	2,801	83.2	78	2.3	1,347	40.0	3,740	111.1
LEYTE DEL NORTE	2,580	211.0	59	4.8	607	49.6	1,540	125.9
LEYTE DEL SUR	36	10.0	0	0.0	201	56.1	580	161.9
EASTERN SAMAR	73	20.3	5	1.4	60	16.7	268	74.5
NORTHERN SAMAR	43	10.3	0	0.0	123	29.3	161	38.4
WESTERN SAMAR	12	2.6	4	0.9	75	16.4	156	34.1
BILIRAN	2	1.6	6	4.7	58	45.8	48	37.9
CALBAYOG CITY	9	7.1	4	3.2	46	36.5	230	182.3
ORMOC CITY	3	2.1	0	0.0	84	58.6	328	228.9
TACLOBAN CITY	43	28.4	0	0.0	93	61.4	429	283.1
REGION 9	468	17.1	0	0.0	775	28.3	3,169	115.7
BASILAN	0	0.0	0	0.0	66	25.3	65	25.0
ZAMBO. DEL NORTE	28	4.7	0	0.0	143	24.0	90	15.1
ZAMBO. DEL SUR	440	39.5	0	0.0	198	17.8	380	34.1
DAPTAN CITY	0	0.0	0	0.0	54	81.9	49	74.3
DIPOLOG CITY	0	0.0	0	0.0	82	92.4	95	107.1
PAGADIAN CITY	0	0.0	0	0.0	42	35.3	59	49.7
ZAMBOANGA CITY	0	0.0	0	0.0	190	38.4	2,431	491.7

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AREA	SCHISTO-SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-239)		DIS. OF THE HEART (393-398; 4002;404; 429)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>2976</b>	<b>76.31</b>	<b>7</b>	<b>0.18</b>	<b>1686</b>	<b>43.23</b>	<b>5350</b>	<b>137.19</b>
AGUSAN DEL NORTE	10	3.83	0	0.00	103	39.45	98	37.54
AGUSAN DEL SUR	738	151.61	0	0.00	94	19.31	505	103.75
BUKIDNON	901	94.30	0	0.00	145	15.18	349	36.53
CAMIGUIN	0	0.00	2	2.88	66	95.04	120	172.81
MISAMIS OCC.	4	1.56	0	0.00	172	66.99	69	26.87
MISAMIS OR.	0	0.00	0	0.00	257	52.58	320	65.47
SURIGAO DEL NORTE	1240	343.99	0	0.00	176	48.83	358	99.31
BUTUAN CITY	60	23.97	0	0.00	129	51.54	346	138.23
CAGAYAN DEL ORO	5	1.33	0	0.00	212	56.57	2640	704.40
GINGOOG CITY	1	1.10	0	0.00	56	61.44	222	243.56
OROQUIETA CITY	0	0.00	0	0.00	65	114.47	170	299.38
OZAMIS CITY	0	0.00	0	0.00	72	72.76	77	77.81
SURIGAO CITY	11	10.72	0	0.00	96	93.54	51	49.69
TANGUB CITY	6	12.92	5	10.77	43	92.61	25	53.84
<b>REGION 11</b>	<b>5850</b>	<b>117.41</b>	<b>323</b>	<b>6.48</b>	<b>2332</b>	<b>46.80</b>	<b>5896</b>	<b>118.33</b>
COTABATO SOUTH	571	94.72	0	0.00	247	40.97	398	66.02
DAVAO ORIENTAL	9	2.08	120	27.72	239	55.21	183	42.27
DAVAO DEL NORTE	3645	305.78	0	0.00	375	31.46	276	23.15
DAVAO DEL SUR	144	20.60	151	21.60	261	37.33	165	23.60
SURIGAO DEL SUR	286	57.34	23	4.61	243	48.72	1662	333.23
SARANGANI	0	0.00	26	7.81	0	0.00	262	78.68
DAVAO CITY	1195	127.26	3	0.32	812	86.47	2796	297.76
GEN. SANTOS CITY	0	0.00	0	0.00	155	54.41	154	54.06
<b>REGION 12</b>	<b>25</b>	<b>1.11</b>	<b>28</b>	<b>1.24</b>	<b>712</b>	<b>31.47</b>	<b>1494</b>	<b>66.04</b>
LANAO DEL NORTE	7	1.63	6	1.39	99	23.00	101	23.46
NORTH COTABATO	16	1.88	0	0.00	235	27.62	173	20.33
SULTAN KUDARAT	0	0.00	0	0.00	94	19.37	387	79.75
COTABATO CITY	1	0.70	0	0.00	79	55.59	350	246.29
ILIGAN CITY	1	0.40	22	8.74	166	65.95	394	156.54
MARAWI CITY	0	0.00	0	0.00	39	38.26	89	87.32
<b>A.R.M.M.</b>	<b>1</b>	<b>0.05</b>	<b>6</b>	<b>0.30</b>	<b>165</b>	<b>8.21</b>	<b>1290</b>	<b>64.21</b>
LANAO DEL SUR	1	0.18	6	1.07	37	6.60	618	110.25
MAGUINDANAO	0	0.00	0	0.00	49	6.96	284	40.34
SULU	0	0.00	0	0.00	43	8.62	47	9.42
TAWI-TAWI	0	0.00	0	0.00	36	14.66	341	138.90

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AREA	BRONCHITIS (460-466)		PNEUMONIAS (480-486)		INFLUENZA (487)		ACCIDENTS (800-999; E800-E949)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>903,508</b>	<b>1348.9</b>	<b>470,574</b>	<b>702.5</b>	<b>609,471</b>	<b>909.9</b>	<b>162,087</b>	<b>242.0</b>
<b>NAT. CAP. REGION</b>	<b>83,492</b>	<b>957.7</b>	<b>60,272</b>	<b>691.4</b>	<b>20,712</b>	<b>237.6</b>	<b>7,313</b>	<b>83.9</b>
1ST DIST. MANILA	27,654	1047.3	11,432	432.9	5,636	213.4	1,354	51.3
2ND DIST. MUN.	11,201	992.8	17,838	1581.0	4,098	363.2	750	66.5
QUEZON CITY	10,045	547.9	16,897	921.7	2,105	114.8	878	47.9
3RD DIST. MUN.	9,879	1089.2	1,773	195.5	2,173	239.6	2,411	265.8
CALOOCAN CITY	9,458	1126.1	1,266	150.7	2,150	256.0	310	36.9
4TH DIST. MUN.	13,790	1430.1	2,740	284.1	3,250	337.0	875	90.7
PASAY CITY	1,465	362.4	8,326	2059.5	1,300	321.6	735	181.8
<b>C.A.R.</b>	<b>28,711</b>	<b>2268.7</b>	<b>18,501</b>	<b>1461.9</b>	<b>14,977</b>	<b>1183.5</b>	<b>2,044</b>	<b>161.5</b>
ABRA	7,896	3964.8	3,279	1646.5	4,532	2275.6	450	226.0
BENGUET	4,354	1280.4	2,436	716.4	2,410	708.7	765	225.0
IFUGAO	4,433	2737.4	4,958	3061.6	2,533	1564.1	559	345.2
KALINGA APAYAO	4,975	2142.8	2,670	1150.0	2,974	1280.9	100	43.1
MT. PROVINCE	4,157	3287.4	3,055	2415.9	1,750	1383.9	120	94.9
BAGUIO CITY	2,896	1407.6	2,103	1022.2	778	378.2	50	24.3
<b>REGION 1</b>	<b>31,962</b>	<b>824.2</b>	<b>21,263</b>	<b>548.3</b>	<b>42,044</b>	<b>1084.2</b>	<b>2,590</b>	<b>66.8</b>
ILOCOS NORTE	4,563	1113.2	2,023	493.5	9,678	2361.0	684	166.9
ILOCOS SUR	5,178	921.5	1,549	275.7	7,543	1342.4	549	97.7
LA UNION	7,129	1183.9	8,391	1393.4	9,917	1646.9	421	69.9
PANGASINAN	11,284	580.8	6,904	355.3	10,189	524.4	590	30.4
DAGUPAN CITY	1,782	1331.9	1,265	945.5	1,621	1211.6	90	67.3
LAOAG CITY	498	548.1	211	232.2	1,120	1232.6	160	176.1
SAN CARLOS CITY	1,528	1121.1	920	675.0	1,976	1449.9	96	70.4
<b>REGION 2</b>	<b>53,882</b>	<b>2083.9</b>	<b>15,603</b>	<b>603.4</b>	<b>50,806</b>	<b>1964.9</b>	<b>21,719</b>	<b>840.0</b>
BATANES	669	4136.8	525	3246.4	432	2671.3	214	1323.3
CAGAYAN	15,218	1676.7	3,964	436.8	13,059	1438.9	8,975	988.9
ISABELA	16,621	1385.7	4,300	358.5	18,036	1503.7	5,121	426.9
NUEVA VIZCAYA	20,374	6107.4	3,864	1158.3	17,954	5382.0	6,789	2035.1
QUIRINO	1,000	776.1	2,950	2289.4	1,325	1028.3	620	481.2
<b>REGION 3</b>	<b>85,900</b>	<b>1256.1</b>	<b>19,085</b>	<b>279.1</b>	<b>37,169</b>	<b>543.5</b>	<b>20,543</b>	<b>300.4</b>
BATAAN	18,793	3970.1	3,975	839.7	3,499	739.2	5,338	1127.7
BULACAN	12,987	774.8	2,896	172.8	3,894	232.3	5,965	355.9
NUEVA ECLIA	13,438	1184.3	3,019	266.1	6,418	565.6	2,680	236.2
PAMPANGA	8,567	598.5	2,914	203.6	7,111	496.8	4,120	287.8
TARLAC	13,611	1445.4	2,978	316.2	5,863	622.6	620	65.8
ZAMBALES	6,481	1598.5	933	230.1	1,459	359.9	780	192.4
ANGELES CITY	3,876	1482.6	1,449	554.2	5,202	1989.8	415	158.7



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AREA	BRONCHITIS (460-466)		PNEUMONIAS (480-486)		INFLUENZA (487)		ACCIDENTS (800-999; E800-E949)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	5,595	2952.4	190	100.3	2,962	1563.0	150	79.2
OLONGAPO CITY	710	334.9	187	88.2	262	123.6	370	174.5
PALAYAN CITY	0	0.0	78	348.9	5	22.4	20	89.5
SAN JOSE CITY	1,842	2030.4	466	513.7	494	544.5	85	93.7
<b>REGION 4</b>	<b>69,283</b>	<b>753.1</b>	<b>26,285</b>	<b>285.7</b>	<b>48,904</b>	<b>531.6</b>	<b>22,925</b>	<b>249.2</b>
AURORA	885	561.1	970	615.0	876	555.4	580	367.7
BATANGAS	5,399	439.2	3,075	250.1	3,646	296.6	3,460	281.4
CAVITE	3,985	347.3	2,584	225.2	2,855	248.8	2,635	229.6
LAGUNA	9,793	720.3	1,620	119.2	8,033	590.9	1,911	140.6
MARINDUQUE	1,005	507.6	420	212.1	1,886	952.5	890	449.5
MINDORO OCC.	1,857	596.0	1,012	324.8	370	118.7	1,840	590.5
MINDORO OR.	8,111	1337.3	4,985	821.9	4,920	811.2	1,101	181.5
PALAWAN	3,057	621.9	1,009	205.3	4,756	967.6	1,243	252.9
QUEZON	4,638	345.2	5,263	391.8	4,602	342.6	1,879	139.9
RIZAL	10,221	900.5	2,012	177.3	7,568	666.7	5,820	512.7
ROMBLON	3,854	1565.8	1,430	581.0	3,970	1612.9	242	98.3
BATANGAS CITY	722	359.3	485	241.3	2,846	1416.2	148	73.6
CAVITE CITY	2,577	2503.1	152	147.6	122	118.5	139	135.0
LIPA CITY	161	92.6	109	62.7	145	83.4	106	60.9
LUCENA CITY	793	478.8	233	140.7	497	300.1	230	138.9
PUERTO PRINCESSA CITY	2,930	2820.8	480	462.1	390	375.5	118	113.6
SAN PABLO CITY	8,241	4532.2	141	77.5	582	320.1	390	214.5
TAGAYTAY CITY	862	3232.0	215	806.1	762	2857.0	98	367.4
TRECE MARTIRES CITY	192	1089.4	90	510.6	78	442.6	95	539.0
<b>REGION 5</b>	<b>78,486</b>	<b>1828.5</b>	<b>63,921</b>	<b>1489.2</b>	<b>92,438</b>	<b>2153.5</b>	<b>6,789</b>	<b>158.2</b>
ALBAY	17,624	2056.2	20,463	2387.5	15,102	1762.0	1,730	201.8
CAMARINES NORTE	12,060	2750.2	6,941	1582.9	6,101	1391.3	2,638	601.6
CAMARINES SUR	25,337	2045.2	18,242	1472.5	37,520	3028.6	850	68.6
CATANDUANES	976	475.2	616	299.9	4,308	2097.6	104	50.6
MASBATE	9,979	1548.6	6,766	1050.0	9,902	1536.6	978	151.8
SORSOGON	4,684	828.8	7,367	1303.6	8,255	1460.7	450	79.6
IRIGA CITY	1,307	1585.4	521	632.0	3,231	3919.3	10	12.1
LEGASPI CITY	5,989	4515.4	1,377	1038.2	6,818	5140.4	17	12.8
NAGA CITY	530	414.1	1,628	1271.8	1,201	938.3	12	9.4
<b>REGION 6</b>	<b>73,246</b>	<b>1241.4</b>	<b>45,883</b>	<b>777.6</b>	<b>30,205</b>	<b>511.9</b>	<b>14,438</b>	<b>244.7</b>
AKLAN	6,137	1481.2	5,398	1302.9	1,401	338.1	2,318	559.5
ANTIQUE	6,265	1411.8	6,041	1361.4	1,961	441.9	1,450	326.8
CAPIZ	11,993	2276.9	6,948	1319.1	8,716	1654.8	940	178.5
ILOILO	17,206	1189.8	8,770	606.5	7,888	545.5	4,540	314.0
NEGROS OCC.	17,206	1133.2	10,317	679.5	6,991	460.4	3,889	256.1
GUIMARAS	1130	917.1	300	243.5	820	665.5	200	162.3
BACOLOD CITY	3,242	813.1	330	82.8	1,429	358.4	358	89.8

**NOTIFIABLE DISEASES: REPORTED CASES/  
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AREA	BRONCHITIS (460-466)		PNEUMONIAS (480-486)		INFLUENZA (487)		ACCIDENTS (800-999; E800-E949)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	349	259.4	840	624.4	39	29.0	95	70.6
CADIZ CITY	2,892	2205.2	1,210	922.6	305	232.6	79	60.2
ILOILO CITY	2,571	708.2	2,542	700.2	316	87.0	362	99.7
LA CARLOTA CITY	1,715	2774.6	1,445	2337.8	158	255.6	50	80.9
ROXAS CITY	1,590	1417.9	1,562	1392.9	114	101.7	73	65.1
SAN CARLOS CITY	950	820.7	180	155.5	67	57.9	84	72.6
SILAY CITY	989	894.0	356	321.8	664	600.2	65	58.8
<b>REGION 7</b>	<b>49,824</b>	<b>987.3</b>	<b>25,406</b>	<b>503.5</b>	<b>34,511</b>	<b>683.9</b>	<b>5,737</b>	<b>113.7</b>
BOHOL	15,502	1585.8	9,109	931.8	6,489	663.8	886	90.6
CEBU	6,090	363.7	4,902	292.8	2,575	153.8	2,460	146.9
NEGROS OR.	13,079	1608.9	579	71.2	23,654	2909.8	980	120.6
SIQUIJOR	1,686	2121.0	622	782.5	94	118.3	445	559.8
BAIS CITY	279	430.9	265	409.2	82	126.6	60	92.7
CANLAON CITY	914	2262.9	403	997.7	6	14.9	38	94.1
CEBU CITY	7,958	1180.7	3,127	463.9	737	109.3	410	60.8
DANAO CITY	41	50.6	192	237.0	15	18.5	51	63.0
DUMAGUETE CITY	1,063	1218.9	273	313.0	42	48.2	94	107.8
LAPU-LAPU CITY	812	503.0	697	431.7	151	93.5	77	47.7
MANDAWE CITY	630	316.4	581	291.8	506	254.2	102	51.2
TAGBILARAN CITY	109	176.5	438	709.2	7	11.3	60	97.1
TOLEDO CITY	1,661	1253.7	4,218	3183.8	153	115.5	74	55.9
<b>REGION 8</b>	<b>54,444</b>	<b>1617.8</b>	<b>39,175</b>	<b>1164.1</b>	<b>39,632</b>	<b>1177.7</b>	<b>7,960</b>	<b>236.5</b>
LEYTE DEL NORTE	27,645	2260.4	19,074	1559.6	5,337	436.4	3,490	285.4
LEYTE DEL SUR	9,281	2590.2	3,419	954.2	1,785	498.2	1,534	428.1
EASTERN SAMAR	7,549	2099.1	5,625	1564.1	6,560	1824.1	801	222.7
NORTHERN SAMAR	2,817	671.7	2,691	641.6	922	219.8	620	147.8
WESTERN SAMAR	2,880	629.8	4,296	939.4	23,576	5155.6	1,105	241.6
BILIRAN	270	213.1	1314	1037.1	417	329.1	53	41.8
CALBAYOG CITY	1,144	906.9	794	629.4	846	670.6	98	77.7
ORMOC CITY	1,934	1349.6	442	308.4	120	83.7	110	76.8
TACLOBAN CITY	924	609.8	1,520	1003.1	69	45.5	149	98.3
<b>REGION 9</b>	<b>46,989</b>	<b>1716.1</b>	<b>31,044</b>	<b>1133.8</b>	<b>52,545</b>	<b>1919.0</b>	<b>10,275</b>	<b>375.3</b>
BASILAN	3,107	1193.0	1,466	562.9	1,633	627.0	235	90.2
ZAMBO. DEL NORTE	8,552	1434.3	2,993	502.0	14,416	2417.9	3,562	597.4
ZAMBO. DEL SUR	26,334	2364.7	21,691	1947.8	27,869	2502.6	5,489	492.9
DAPTAN CITY	2,778	4212.5	67	101.6	1,496	2268.5	88	133.4
DIPOLOG CITY	842	948.9	810	912.8	3,602	4059.3	73	82.3
PAGADIAN CITY	4,061	3417.9	1,118	941.0	2,220	1868.4	465	391.4
ZAMBOANGA CITY	1,315	266.0	2,899	586.4	1,309	264.8	363	73.4

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AREA	BRONCHITIS (460-466)		PNEUMONIAS (480-486)		INFLUENZA (487)		ACCIDENTS (800-999; E800-E949)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>77,025</b>	<b>1975.12</b>	<b>44,337</b>	<b>1136.91</b>	<b>46,403</b>	<b>1189.89</b>	<b>9,564</b>	<b>245.245</b>
AGUSAN DEL NORTE	2,268	868.76	1,201	460.045	185	70.8646	2,450	938.48
AGUSAN DEL SUR	13,703	2815.11	9,451	1941.59	4,946	1016.09	273	56.08
BUKIDNON	19,870	2079.63	12,364	1294.04	14,923	1561.87	1,650	172.69
CAMIGUIN	4,624	6658.89	5,120	7373.16	2,075	2988.14	363	522.75
MISAMIS OCC.	6,807	2651.10	1,910	743.882	5,401	2103.51	312	121.51
MISAMIS OR.	8,042	1645.43	1,450	296.677	2,917	596.832	355	72.63
SURIGAO DEL NORTE	5,368	1489.16	4,654	1291.08	7,997	2218.48	649	180.04
BUTUAN CITY	2,850	1138.60	1,975	789.031	636	254.087	482	192.56
CAGAYAN DEL ORO	4,058	1082.74	2,036	543.238	439	117.132	2,568	685.19
GINGOOG CITY	1,210	1327.50	568	623.155	1,441	1580.92	135	148.11
OROQUIETA CITY	6,156	10841.08	988	1739.92	4,024	7086.50	96	169.06
OZAMIS CITY	878	887.21	112	113.174	201	203.108	88	88.92
SURIGAO CITY	265	258.20	1,753	1708.02	747	727.836	80	77.95
TANGUB CITY	926	1994.31	755	1626.03	471	1014.38	63	135.68
<b>REGION 11</b>	<b>127,562</b>	<b>2560.19</b>	<b>32,286</b>	<b>647.984</b>	<b>53,678</b>	<b>1077.32</b>	<b>15,658</b>	<b>314.26</b>
COTABATO SOUTH	16,529	2741.84	2,860	474.417	3,229	535.627	3,640	603.80
DAVAO ORIENTAL	36,128	8344.98	2,253	520.406	20,076	4637.22	630	145.52
DAVAO DEL NORTE	11,922	1000.15	4,651	390.177	1,824	153.017	2,740	229.86
DAVAO DEL SUR	35,873	5131.23	6,426	919.167	20,119	2877.79	3,920	560.71
SURIGAO DEL SUR	9,739	1952.68	9,141	1832.78	3,577	717.192	2,760	553.38
SARANGANI	1,946	584.36	800	240.231	1,419	426.110	320	96.09
DAVAO CITY	13,206	1406.38	5,427	577.952	2,492	265.387	698	74.33
GEN. SANTOS CITY	2,219	779.00	728	255.570	942	330.696	950	333.51
<b>REGION 12</b>	<b>26,721</b>	<b>1181.09</b>	<b>16,287</b>	<b>719.896</b>	<b>16,503</b>	<b>729.444</b>	<b>8,258</b>	<b>365.01</b>
LANAO DEL NORTE	4,575	1062.74	1,679	390.019	5,195	1206.76	2,450	569.12
NORTH COTABATO	13,687	1608.49	6,315	742.134	1,783	209.536	1,210	142.20
SULTAN KUDARAT	5,893	1214.40	4,912	1012.23	8,654	1783.36	2,334	480.98
COTABATO CITY	550	387.03	1,976	1390.49	253	178.033	240	168.89
ILIGAN CITY	1,853	736.21	589	234.013	336	133.494	1,832	727.87
MARAWI CITY	163	159.92	816	800.572	282	276.668	192	188.37
<b>A.R.M.M.</b>	<b>15,981</b>	<b>795.48</b>	<b>11,226</b>	<b>558.794</b>	<b>28,944</b>	<b>1440.74</b>	<b>6,274</b>	<b>312.30</b>
LANAO DEL SUR	7,575	1351.40	3,115	555.725	11,195	1997.22	1,620	289.01
MAGUINDANAO	4,879	693.09	6,086	864.553	12,446	1768.03	1,511	214.65
SULU	2,654	531.88	1,443	289.185	4,325	866.754	2,978	596.81
TAWI-TAWI	873	355.60	582	237.065	978	398.367	165	67.21

**NOTIFIABLE DISEASES: REPORTED CASES  
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AREA	CHOLERA (001)		AIDS (217.19)		DYSEN- TERY		GOTTER		TETANUS NEONA- TORUM	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>1,988</b>	<b>3.0</b>	<b>42</b>	<b>0.1</b>	<b>8,329</b>	<b>12.4</b>	<b>6,396</b>	<b>9.5</b>	<b>342</b>	<b>0.5</b>
<b>NAT. CAP. REGION</b>	<b>256</b>	<b>2.9</b>	<b>8</b>	<b>0.1</b>	<b>423</b>	<b>4.9</b>	<b>928</b>	<b>10.6</b>	<b>43</b>	<b>0.5</b>
1ST DIST. MANILA	60	2.3	1	0.0	110	4.2	163	6.2	20	0.8
2ND DIST. MUN.	10	0.9	0	0.0	52	4.6	239	21.2	4	0.4
QUEZON CITY	25	1.4	4	0.2	93	5.1	104	5.7	16	0.9
3RD DIST. MUN.	18	2.0	2	0.2	14	1.5	109	12.0	0	0.0
CALOOCAN CITY	11	1.3	0	0.0	110	13.1	53	6.3	0	0.0
4TH DIST. MUN.	128	13.3	1	0.1	44	4.6	247	25.6	3	0.3
PASAY CITY	4	1.0	0	0.0	0	0.0	13	3.2	0	0.0
<b>C.A.R.</b>	<b>110</b>	<b>8.7</b>	<b>0</b>	<b>0.0</b>	<b>249</b>	<b>19.7</b>	<b>2,080</b>	<b>164.4</b>	<b>0</b>	<b>0.0</b>
ABRA	4	2.0	0	0.0	6	3.0	357	179.3	0	0.0
BENGUET	70	20.6	0	0.0	17	5.0	65	19.1	0	0.0
IFUGAO	4	2.5	0	0.0	36	22.2	338	208.7	0	0.0
KALINGA APAYAO	29	12.5	0	0.0	4	1.7	976	420.4	0	0.0
MT. PROVINCE	2	1.6	0	0.0	114	90.2	90	71.2	0	0.0
BAGUIO CITY	1	0.5	0	0.0	72	35.0	254	123.5	0	0.0
<b>REGION 1</b>	<b>71</b>	<b>1.8</b>	<b>2</b>	<b>0.1</b>	<b>39</b>	<b>1.0</b>	<b>74</b>	<b>1.9</b>	<b>84</b>	<b>2.2</b>
ILOCOS NORTE	5	1.2	0	0.0	1	0.2	11	2.7	0	0.0
ILOCOS SUR	6	1.1	0	0.0	0	0.0	33	5.9	22	3.9
LA UNION	8	1.3	1	0.2	1	0.2	30	5.0	0	0.0
PANGASINAN	11	0.6	1	0.1	0	0.0	0	0.0	3	0.2
DAGUPAN CITY	14	10.5	0	0.0	37	27.7	0	0.0	59	44.1
LAOAG CITY	2	2.2	0	0.0	0	0.0	0	0.0	0	0.0
SAN CARLOS CITY	25	18.3	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 2</b>	<b>31</b>	<b>1.2</b>	<b>1</b>	<b>0.0</b>	<b>79</b>	<b>3.1</b>	<b>225</b>	<b>8.7</b>	<b>7</b>	<b>0.3</b>
BATANES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CAGAYAN	10	1.1	0	0.0	0	0.0	0	0.0	0	0.0
ISABELA	9	0.8	1	0.1	61	5.1	203	16.9	0	0.0
NUEVA VIZCAYA	6	1.8	0	0.0	0	0.0	0	0.0	0	0.0
QUIRINO	6	4.7	0	0.0	18	14.0	22	17.1	7	5.4
<b>REGION 3</b>	<b>155</b>	<b>2.3</b>	<b>11</b>	<b>0.2</b>	<b>1,608</b>	<b>23.5</b>	<b>341</b>	<b>5.0</b>	<b>2</b>	<b>0.0</b>
BATAAN	35	7.4	0	0.0	1,354	286.0	33	7.0	0	0.0
BULACAN	26	1.6	0	0.0	173	10.3	80	4.8	2	0.1
NUEVA ECIIA	11	1.0	0	0.0	1	0.1	0	0.0	0	0.0
PAMPANGA	10	0.7	5	0.3	0	0.0	14	1.0	0	0.0
TARLAC	9	1.0	0	0.0	21	2.2	102	10.8	0	0.0
ZAMBALES	0	0.0	6	1.5	21	5.2	50	12.3	0	0.0
ANGELES CITY	64	24.5	0	0.0	38	14.5	59	22.6	0	0.0

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AREA	CHOLERA (001)		AIDS (217.19)		DYSSEN- TERY		GOTTER		TETANUS NEONA- TORUM	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OLONGAPO CITY	0	0.0	0	0.0	0	0.0	3	1.4	0	0.0
PALAYAN CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 4</b>	<b>92</b>	<b>1.0</b>	<b>10</b>	<b>0.1</b>	<b>157</b>	<b>1.7</b>	<b>999</b>	<b>10.9</b>	<b>4</b>	<b>0.0</b>
AURORA	0	0.0	0	0.0	2	1.3	0	0.0	0	0.0
BATANGAS	8	0.7	1	0.1	30	2.4	608	49.5	2	0.2
CAVITE	10	0.9	4	0.3	17	1.5	16	1.4	0	0.0
LAGUNA	5	0.4	4	0.3	0	0.0	5	0.4	0	0.0
MARINDUQUE	6	3.0	0	0.0	15	7.6	94	47.5	0	0.0
MINDORO OCC.	13	4.2	0	0.0	3	1.0	0	0.0	0	0.0
MINDORO OR.	12	2.0	0	0.0	34	5.6	155	25.6	1	0.2
PALAWAN	5	1.0	0	0.0	40	8.1	0	0.0	0	0.0
QUEZON	10	0.7	0	0.0	6	0.4	0	0.0	0	0.0
RIZAL	9	0.8	1	0.1	6	0.5	3	0.3	1	0.1
ROMBLON	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0
BATANGAS CITY	4	2.0	0	0.0	0	0.0	74	36.8	0	0.0
CAVITE CITY	0	0.0	0	0.0	0	0.0	5	4.9	0	0.0
LIPA CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
LUCENA CITY	2	1.2	0	0.0	2	1.2	0	0.0	0	0.0
PUERTO PRINCESSA CITY	2	1.9	0	0.0	2	1.9	18	17.3	0	0.0
SAN PABLO CITY	5	2.7	0	0.0	0	0.0	1	0.5	0	0.0
TAGAYTAY CITY	0	0.0	0	0.0	0	0.0	20	75.0	0	0.0
TRECE MARTIRES CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 5</b>	<b>285</b>	<b>6.6</b>	<b>0</b>	<b>0.0</b>	<b>476</b>	<b>11.1</b>	<b>144</b>	<b>3.4</b>	<b>55</b>	<b>1.3</b>
ALBAY	60	7.0	0	0.0	16	1.9	12	1.4	7	0.8
CAMARINES NORTE	15	3.4	0	0.0	0	0.0	7	1.6	0	0.0
CAMARINES SUR	120	9.7	0	0.0	231	18.6	62	5.0	26	2.1
CATANDUANES	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0
MASBATE	29	4.5	0	0.0	206	32.0	53	8.2	13	2.0
SORSOGON	7	1.2	0	0.0	18	3.2	0	0.0	0	0.0
IRIGA CITY	2	2.4	0	0.0	0	0.0	0	0.0	0	0.0
LEGASPI CITY	12	9.0	0	0.0	5	3.8	3	2.3	5	3.8
NAGA CITY	39	30.5	0	0.0	0	0.0	7	5.5	4	3.1
<b>REGION 6</b>	<b>238</b>	<b>4.0</b>	<b>2</b>	<b>0.0</b>	<b>1,002</b>	<b>17.0</b>	<b>499</b>	<b>8.5</b>	<b>46</b>	<b>0.8</b>
AKLAN	17	4.1	0	0.0	37	8.9	0	0.0	0	0.0
ANTIQUE	7	1.6	0	0.0	2	0.5	0	0.0	1	0.2
CAPIZ	10	1.9	0	0.0	134	25.4	0	0.0	0	0.0
ILOILO	15	1.0	0	0.0	53	3.7	6	0.4	0	0.0
NEGROS OCC.	20	1.3	1	0.1	439	28.9	209	13.8	33	2.2
GUIMARAS	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0
BACOLOD CITY	8	2.0	0	0.0	0	0.0	0	0.0	0	0.0

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AREA	CHOLERA (001)		AIDS (217.19)		DYSEN- TERY		GOITER		TETANUS NEONA- TORUM	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	2	1.5	0	0.0	0	0.0	6	4.5	0	0.0
CADIZ CITY	3	2.3	0	0.0	8	6.1	209	159.4	1	0.8
ILOILO CITY	150	41.3	0	0.0	0	0.0	0	0.0	0	0.0
LA CARLOTA CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ROXAS CITY	2	1.8	0	0.0	329	293.4	69	61.5	0	0.0
SAN CARLOS CITY	4	3.5	0	0.0	0	0.0	0	0.0	11	9.5
SILAY CITY	0	0.0	0	0.0	7	6.3	12	10.8	0	0.0
<b>REGION 7</b>	<b>187</b>	<b>3.7</b>	<b>3</b>	<b>0.1</b>	<b>375</b>	<b>7.4</b>	<b>0</b>	<b>0.0</b>	<b>18</b>	<b>0.4</b>
BOHOL	147	15.0	0	0.0	58	5.9	0	0.0	11	1.1
CEBU	8	0.5	3	0.2	116	6.9	0	0.0	0	0.0
NEGROS OR.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SIQUIJOR	4	5.0	0	0.0	14	17.6	0	0.0	0	0.0
BAIS CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CANLAON CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CEBU CITY	6	0.9	0	0.0	183	27.2	0	0.0	7	1.0
DANAO CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DUMAGUETE CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
LAPU-LAPU CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MANDAWE CITY	17	8.5	0	0.0	4	2.0	0	0.0	0	0.0
TAGBILARAN CITY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOLEDO CITY	5	3.8	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 8</b>	<b>86</b>	<b>2.6</b>	<b>1</b>	<b>0.0</b>	<b>1,087</b>	<b>32.3</b>	<b>65</b>	<b>1.9</b>	<b>47</b>	<b>1.4</b>
LEYTE DEL NORTE	0	0.0	1	0.1	560	45.8	26	2.1	20	1.6
LEYTE DEL SUR	13	3.6	0	0.0	13	3.6	4	1.1	2	0.6
EASTERN SAMAR	7	1.9	0	0.0	60	16.7	4	1.1	0	0.0
NORTHERN SAMAR	40	9.5	0	0.0	4	1.0	5	1.2	0	0.0
WESTERN SAMAR	16	3.5	0	0.0	190	41.5	12	2.6	0	0.0
BILIRAN	1	0.8	0	0.0	44	34.7	1	0.8	0	0.0
CALBAYOG CITY	5	4.0	0	0.0	210	166.5	0	0.0	0	0.0
ORMOC CITY	3	2.1	0	0.0	6	4.2	12	8.4	25	17.4
TACLOBAN CITY	1	0.7	0	0.0	0	0.0	1	0.7	0	0.0
<b>REGION 9</b>	<b>87</b>	<b>3.2</b>	<b>0</b>	<b>0.0</b>	<b>618</b>	<b>22.6</b>	<b>340</b>	<b>12.4</b>	<b>14</b>	<b>0.5</b>
BASILAN	6	2.3	0	0.0	0	0.0	0	0.0	0	0.0
ZAMBO. DEL NORTE	65	10.9	0	0.0	0	0.0	0	0.0	0	0.0
ZAMBO. DEL SUR	5	0.4	0	0.0	618	55.5	259	23.3	10	0.9
DAPITAN CITY	5	7.6	0	0.0	0	0.0	46	69.8	0	0.0
DIPOLOG CITY	3	3.4	0	0.0	0	0.0	32	36.1	0	0.0
PAGADIAN CITY	0	0.0	0	0.0	0	0.0	3	2.5	0	0.0
ZAMBOANGA CITY	3	0.6	0	0.0	0	0.0	0	0.0	4	0.8

**NOTIFIABLE DISEASES: REPORTED CASES  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	CHOLERA (001)		AIDS (217.19)		DYSEN- TERY		GOITER		TETANUS NEONA- TORUM	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>133</b>	<b>3.41</b>	<b>0</b>	<b>0.00</b>	<b>153</b>	<b>3.92</b>	<b>50</b>	<b>1.28</b>	<b>0</b>	<b>0.00</b>
AGUSAN DEL NORTE	0	0.00	0	0.00	3	1.15	0	0.00	0	0.00
AGUSAN DEL SUR	25	5.14	0	0.00	139	28.56	50	10.27	0	0.00
BUKIDNON	5	0.52	0	0.00	0	0.00	0	0.00	0	0.00
CAMIGUIN	9	12.96	0	0.00	0	0.00	0	0.00	0	0.00
MISAMIS OCC.	6	2.34	0	0.00	11	4.28	0	0.00	0	0.00
MISAMIS OR.	2	0.41	0	0.00	0	0.00	0	0.00	0	0.00
SURIGAO DEL NORTE	69	19.14	0	0.00	0	0.00	0	0.00	0	0.00
BUTUAN CITY	8	3.20	0	0.00	0	0.00	0	0.00	0	0.00
CAGAYAN DEL ORO	4	1.07	0	0.00	0	0.00	0	0.00	0	0.00
GINGOOG CITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
OROQUIETA CITY	3	5.28	0	0.00	0	0.00	0	0.00	0	0.00
OZAMIS CITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
SURIGAO CITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
TANGUB CITY	2	4.31	0	0.00	0	0.00	0	0.00	0	0.00
<b>REGION 11</b>	<b>66</b>	<b>1.32</b>	<b>2</b>	<b>0.04</b>	<b>1718</b>	<b>34.48</b>	<b>287</b>	<b>5.76</b>	<b>11</b>	<b>0.22</b>
COTABATO SOUTH	3	0.50	0	0.00	30	4.98	90	14.93	1	0.17
DAVAO ORIENTAL	9	2.08	0	0.00	99	22.87	3	0.69	0	0.00
DAVAO DEL NORTE	14	1.17	0	0.00	1	0.08	0	0.00	2	0.17
DAVAO DEL SUR	0	0.00	0	0.00	274	39.19	48	6.87	0	0.00
SURIGAO DEL SUR	12	2.41	0	0.00	422	84.61	0	0.00	0	0.00
SARANGANI	5	1.50	0	0.00	262	78.68	0	0.00	0	0.00
DAVAO CITY	22	2.34	2	0.21	630	67.09	134	14.27	8	0.85
GEN. SANTOS CITY	1	0.35	0	0.00	0	0.00	12	4.21	0	0.00
<b>REGION 12</b>	<b>128</b>	<b>5.66</b>	<b>1</b>	<b>0.04</b>	<b>206</b>	<b>9.11</b>	<b>171</b>	<b>7.56</b>	<b>11</b>	<b>0.49</b>
LANAO DEL NORTE	6	1.39	0	0.00	14	3.25	138	32.06	0	0.00
NORTH COTABATO	7	0.82	1	0.12	0	0.00	0	0.00	0	0.00
SULTAN KUDARAT	6	1.24	0	0.00	13	2.68	0	0.00	0	0.00
COTABATO CITY	105	73.89	0	0.00	178	125.26	0	0.00	10	7.04
ILIGAN CITY	4	1.59	0	0.00	0	0.00	4	1.59	0	0.00
MARAWI CITY	0	0.00	0	0.00	1	0.98	29	28.45	1	0.98
<b>A.R.M.M.</b>	<b>63</b>	<b>3.14</b>	<b>1</b>	<b>0.05</b>	<b>139</b>	<b>6.92</b>	<b>193</b>	<b>9.61</b>	<b>0</b>	<b>0.00</b>
LANAO DEL SUR	12	2.14	0	0.00	14	2.50	138	24.62	0	0.00
MAGUINDANAO	45	6.39	1	0.14	125	17.76	55	7.81	0	0.00
SULU	6	1.20	0	0.00	0	0.00	0	0.00	0	0.00
TAWI-TAWI	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00

TABLE 16

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1973-1993**

YEAR	TYPHOID AND PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS (002 - 003)			
	CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE
1993	19,609	29.3	1,120	1.7
1992	16,497	25.2	962	1.5
1991	13,844	21.8	1,076	1.7
1990	15,720	25.3	1,045	1.7
1989	17,794	29.6	1,233	2.1
1988	15,830	27.0	1,356	2.3
1987	15,290	26.7	1,121	2.0
1986	13,764	24.6	1,024	1.8
1985	15,706	28.7	1,071	2.0
1984	10,073	18.9	831	1.6
1983	5,420	10.5	697	1.4
1982	5,282	10.3	596	1.2
1981	4,300	8.7	676	1.4
1980	3,222	6.7	629	1.3
1979	3,525	7.6	656	1.4
1978	3,542	7.8	792	1.7
1977	4,333	9.6	768	1.7
1976	3,448	7.9	688	1.6
1975	3,101	7.3	596	1.4
1974	3,767	9.1	572	1.4
1973	4,878	12.1	587	1.5



TABLE 16

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1973-1993**

YEAR	DIARRHEAS (4-9)				TUBERCULOSIS, ALL FORMS (010-018;137)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	1,337,449	1996.7	4,510	6.7	159,049	237.5	24,580	36.7
1992	1,045,615	1600.3	4,799	7.3	136,981	209.6	20,132	30.8
1991	984,713	1547.8	4,552	7.2	123,281	193.8	22,814	35.9
1990	927,860	1495.4	6,396	10.3	152,688	246.1	24,307	39.2
1989	741,733	1234.2	6,893	11.5	206,508	343.6	26,300	43.8
1988	624,355	1063.3	9,155	15.6	183,113	311.8	27,020	46.0
1987	591,858	1031.9	9,468	16.5	163,740	285.5	28,697	50.0
1986	538,849	962.2	9,815	17.5	153,129	273.4	30,604	54.6
1985	522,762	956.2	11,516	21.1	151,028	276.3	31,650	57.9
1984	551,560	1036.9	11,553	21.7	151,867	285.5	27,320	51.4
1983	275,068	535.2	15,090	29.4	106,300	206.8	28,580	55.6
1982	221,191	430.7	12,735	24.8	104,715	203.9	28,309	55.1
1981	239,117	482.7	16,196	32.7	116,182	234.5	27,317	55.1
1980	199,574	413.1	13,492	27.9	112,307	232.4	28,790	59.6
1979	217,155	466.2	16,683	35.8	108,813	233.6	28,221	60.6
1978	210,608	462.6	15,717	34.5	118,587	260.5	28,398	62.4
1977	209,040	464.5	18,041	40.1	107,108	238.0	31,805	70.7
1976	299,579	684.7	15,529	35.5	148,057	338.4	31,386	71.7
1975	202,472	476.2	11,818	27.8	133,537	314.1	29,436	69.2
1974	245,813	592.9	15,182	36.6	142,250	343.1	31,031	74.9
1973	277,108	689.0	18,106	45.0	137,106	340.9	26,011	64.7

YEAR	LEPROSY (030)				DIPHTHERIA (032)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	2,430	3.6	99	0.1	867	1.3	56	0.1
1992	1,887	2.9	50	0.1	680	1.0	62	0.1
1991	2,028	3.2	68	0.1	1,028	1.6	62	0.1
1990	2,827	4.6	65	0.1	921	1.5	115	0.2
1989	4,228	7.0	95	0.2	1,297	2.2	117	0.2
1988	1,661	2.8	86	0.1	1,202	2.0	186	0.3
1987	1,766	3.1	63	0.1	1,443	2.5	245	0.4
1986	1,815	3.2	81	0.1	1,630	2.9	261	0.5
1985	2,090	3.8	124	0.2	1,669	3.1	316	0.6
1984	1,798	3.4	68	0.1	1,968	3.7	337	0.6
1983	1,153	2.2	89	0.2	1,812	3.5	491	1.0
1982	997	1.9	107	0.2	2,140	4.2	524	1.0
1981	958	1.9	123	0.2	819	1.7	504	1.0
1980	886	1.8	137	0.3	1,910	4.0	414	0.9
1979	690	1.5	131	0.3	1,044	2.2	546	1.2
1978	489	1.1	137	0.3	1,389	3.1	455	1.0
1977	504	1.1	137	0.3	2,888	6.4	562	1.2
1976	614	1.4	122	0.3	3,371	7.7	641	1.5
1975	504	1.2	97	0.2	1,770	4.2	601	1.4
1974	624	1.5	97	0.2	2,884	7.0	519	1.3
1973	484	1.2	65	0.2	3,379	8.4	661	1.6

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1973-1993**

YEAR	WHOOPING COUGH (033)				TETANUS (037)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	5,628	8.4	4	0.01	2,778	4.1	1,008	1.5
1992	3,792	5.8	8	0.01	2,216	3.4	892	1.4
1991	4,829	7.6	9	0.01	2,312	3.6	1,022	1.6
1990	4,135	6.7	9	0.01	2,286	3.7	989	1.6
1989	9,466	15.8	12	0.02	3,102	5.2	1,040	1.7
1988	7,814	13.3	14	0.02	3,199	5.4	1,069	1.8
1987	8,856	15.4	26	0.05	2,910	5.1	1,026	1.8
1986	16,139	28.8	31	0.1	3,381	6.0	1,034	1.8
1985	19,628	35.9	45	0.1	3,474	6.4	1,033	1.9
1984	21,479	40.4	51	0.1	3,353	6.3	924	1.7
1983	17,380	33.8	68	0.1	2,912	5.7	941	1.8
1982	15,879	30.9	80	0.2	2,441	4.8	967	1.9
1981	19,178	38.7	57	0.1	2,242	4.5	913	1.8
1980	19,844	41.1	98	0.2	3,080	6.4	1,004	2.1
1979	21,254	45.6	157	0.3	2,905	6.2	1,226	2.6
1978	15,243	33.5	80	0.2	4,236	9.3	3,471	7.6
1977	21,403	47.6	111	0.2	5,539	12.3	3,791	8.4
1976	27,442	62.7	117	0.3	4,745	10.8	4,114	9.4
1975	28,231	66.4	81	0.2	4,575	10.8	4,244	10.0
1974	22,042	53.2	58	0.1	4,516	10.9	3,794	9.2
1973	20,210	50.2	46	0.1	4,483	11.1	3,614	9.0

YEAR	ACUTE POLIOMYELITIS (045-138)				VARICELLA (052)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	600	0.9	34	0.1	71,317	106.5	31	0.04
1992	444	0.7	22	0.0	62,327	95.4	29	0.04
1991	362	0.6	14	0.0	42,909	67.4	12	0.02
1990	98	0.2	23	0.0	33,177	53.5	20	0.03
1989	335	0.6	32	0.1	16,931	28.2	23	0.04
1988	344	0.6	40	0.1	6,767	11.5	12	0.02
1987	327	0.6	43	0.1	6,336	11.0	15	0.03
1986	375	0.7	45	0.1	3,121	5.6	4	0.01
1985	557	1.0	61	0.1	3,844	7.0	10	0.02
1984	428	0.8	66	0.1	3,409	6.4	11	0.02
1983	355	0.7	94	0.2	1,850	3.6	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	2.4	20	0.04
1980	432	0.9	201	0.4	1,112	2.3	23	0.05
1979	1,054	2.3	353	0.8	1,028	2.2	34	0.1
1978	835	1.8	185	0.4	1,261	2.8	38	0.1
1977	1,454	3.2	357	0.8	1,171	2.6	45	0.1
1976	805	1.8	196	0.4	2,226	5.1	52	0.1
1975	793	1.9	165	0.4	1,408	3.3	33	0.1
1974	916	2.2	195	0.5	1,977	4.8	37	0.1
1973	854	2.1	254	0.6	2,309	5.7	36	0.1

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1973-1993**

YEAR	MEASLES (055)				H - FEVER (061-065)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	85,345	127.4	2,989	4.5	21,146	31.6	531	0.8
1992	54,570	83.5	3,193	4.9	9,108	13.9	441	0.7
1991	35,582	55.9	2,228	3.5	11,317	17.8	401	0.6
1990	42,938	69.2	3,499	5.6	4,836	7.8	363	0.6
1989	68,496	114.0	6,734	11.2	2,240	3.7	199	0.3
1988	70,801	120.6	7,775	13.2	2,821	4.8	300	0.5
1987	81,896	142.8	12,431	21.7	1,696	3.0	243	0.4
1986	59,375	106.0	6,249	11.2	1,623	2.9	191	0.3
1985	62,959	115.2	8,043	14.7	2,096	3.8	210	0.4
1984	75,290	141.5	7,987	15.0	2,514	4.7	103	0.2
1983	43,684	85.0	9,286	18.1	1,684	3.3	305	0.6
1982	35,989	70.1	7,136	13.9	816	1.6	192	0.4
1981	27,031	54.6	6,951	14.0	324	0.7	112	0.2
1980	26,765	55.4	5,191	10.7	627	1.3	103	0.2
1979	29,230	62.8	5,607	12.0	438	0.9	18	0.0
1978	27,842	61.2	5,605	12.3	358	0.8	213	0.5
1977	27,694	61.5	5,293	11.8	729	1.6	224	0.5
1976	29,901	68.3	5,060	11.6	575	1.3	174	0.4
1975	28,198	66.3	3,632	8.5	716	1.7	170	0.4
1974	22,999	55.5	3,533	8.5	665	1.6	153	0.4
1973	28,568	71.0	4,866	12.1	710	1.8	214	0.5

YEAR	INFECTIOUS HEPATITIS (070)				MALARIA (084)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	22,634	33.8	1034	1.5	49,506	73.9	811	1.2
1992	14,269	21.8	826	1.3	46,614	71.3	864	1.3
1991	12,972	20.4	401	0.6	48,761	76.6	924	1.5
1990	14,709	23.7	936	1.5	73,625	118.7	913	1.5
1989	14,761	24.6	850	1.4	125,114	208.2	989	1.6
1988	16,125	27.5	825	1.4	114,679	195.3	1,176	2.0
1987	16,084	28.0	817	1.4	121,097	211.1	1,226	2.1
1986	14,523	25.9	728	1.3	124,153	221.7	1,156	2.1
1985	16,022	29.3	607	1.1	121,975	223.1	1,166	2.1
1984	15,320	28.8	625	1.2	107,485	202.1	923	1.7
1983	9,549	18.6	653	1.3	55,019	107.0	1,086	2.1
1982	8,615	16.8	739	1.4	40,496	78.9	985	1.9
1981	9,943	20.1	660	1.3	44,118	89.1	1,071	2.2
1980	9,578	19.8	828	1.7	39,678	82.1	1,091	2.3
1979	8,850	19.0	750	1.6	31,779	68.2	1,142	2.5
1978	7,172	15.8	813	1.8	35,353	77.7	1,077	2.4
1977	7,392	16.4	761	1.7	29,955	66.6	974	2.2
1976	6,815	15.6	772	1.8	35,553	81.3	997	2.3
1975	4,410	10.4	649	1.5	27,077	63.7	1,018	2.4
1974	5,977	14.4	635	1.5	27,420	66.1	938	2.3
1973	6,752	16.8	548	1.4	31,999	79.6	845	2.1

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1973-1993**

YEAR	SYPHILLIS (090-097)				GONOCOCCAL INFECTION (098)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	136	0.2	6	0.01	2,158	3.2	0	0.0
1992	60	0.1	8	0.01	198	0.3	0	0.0
1991	232	0.4	2	0.00	4,112	6.5	2	0.00
1990	151	0.2	3	0.00	6,374	10.3	0	0.0
1989	99	0.2	9	0.01	8,635	14.4	0	0.0
1988	99	0.2	9	0.02	8,342	14.2	0	0.0
1987	62	0.1	9	0.02	11,361	19.8	0	0.0
1986	69	0.1	8	0.01	11,731	20.9	0	0.0
1985	91	0.2	9	0.02	15,329	28.0	0	0.0
1984	201	0.4	42	0.1	13,806	26.0	0	0.0
1983	102	0.2	16	0.03	13,359	26.0	5	0.01
1982	114	0.2	11	0.02	13,970	27.2	2	0.00
1981	59	0.1	4	0.01	6,432	13.0	0	0.0
1980	83	0.2	9	0.02	6,786	14.0	0	0.0
1979	94	0.2	26	0.1	9,288	19.9	0	0.0
1978	60	0.1	16	0.0	8,423	18.5	0	0.0
1977	84	0.2	29	0.1	9,879	22.0	1	0.00
1976	71	0.2	23	0.1	9,174	21.0	2	0.00
1975	33	0.1	14	0.03	8,165	19.2	1	0.00
1974	45	0.1	17	0.04	17,147	41.4	0	0.0
1973	49	0.1	25	0.1	12,600	31.3	0	0.0

YEAR	SCHISTOSOMIASIS (120)				FILARIASIS (125)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	12,393	18.5	258	0.4	1,546	2.3	3	0.00
1992	9,194	14.1	235	0.4	1,423	2.2	2	0.00
1991	26,702	42.0	249	0.4	1,026	1.6	2	0.00
1990	14,781	23.8	272	0.4	286	0.5	1	0.00
1989	25,699	42.8	273	0.5	188	0.3	1	0.00
1988	12,273	20.9	301	0.5	290	0.5	0	0.0
1987	13,892	24.2	288	0.5	351	0.6	0	0.0
1986	11,074	19.8	281	0.5	300	0.5	1	0.00
1985	9,764	17.9	416	0.8	259	0.5	2	0.00
1984	4,388	8.2	416	0.8	493	0.9	2	0.00
1983	3,454	6.7	452	0.9	74	0.1	5	0.01
1982	3,801	7.4	426	0.8	77	0.1	4	0.01
1981	3,009	6.1	398	0.8	28	0.1	4	0.01
1980	2,686	5.6	426	0.9	30	0.1	4	0.01
1979	2,923	6.3	452	1.0	6	0.0	3	0.01
1978	4,216	9.3	496	1.1	6	0.0	4	0.01
1977	3,802	8.4	588	1.3	9	0.0	0	0.0
1976	5,094	11.6	642	1.5	62	0.1	5	0.01
1975	2,643	6.2	523	1.2	30	0.1	4	0.01
1974	3,482	8.4	535	1.3	226	0.5	0	0.0
1973	3,094	7.7	494	1.2	70	0.2	2	0.00

**NOTIFIABLE DISEASES: REPORTED CASES & DEATHS**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1973-1993**

YEAR	MALIGNANT NEOPLASMS (140-239)				BRONCHITIS (466)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	40,155	59.9	25,399	37.9	903,508	1348.9	253	0.4
1992	36,550	55.9	20,176	30.9	770,396	1179.1	378	0.6
1991	34,584	54.4	22,307	35.1	891,562	1401.4	562	0.9
1990	33,702	54.3	21,979	35.4	980,557	1580.3	1,008	1.6
1989	33,777	56.2	21,933	36.5	893,550	1486.8	1,105	1.8
1988	28,940	49.3	21,184	36.1	759,511	1293.4	1,438	2.4
1987	27,195	47.4	20,367	35.5	642,777	1120.7	1,814	3.2
1986	26,985	48.2	18,395	32.8	602,851	1076.4	1,985	3.5
1985	24,270	44.4	18,143	33.2	586,427	1072.7	2,078	3.8
1984	24,191	45.5	17,700	33.3	606,880	1140.9	1,764	3.3
1983	25,838	50.3	17,997	35.0	352,447	685.7	2,052	4.0
1982	26,867	52.3	16,832	32.8	280,431	546.0	2,250	4.4
1981	24,777	50.0	16,059	32.4	220,698	445.5	1,476	3.0
1980	28,905	59.8	16,019	33.2	206,469	427.3	2,756	5.7
1979	20,213	43.4	15,449	33.2	219,527	471.3	3,219	6.9
1978	19,565	43.0	14,182	31.1	207,426	455.6	5,929	13.0
1977	20,730	46.1	13,977	31.1	180,259	400.5	6,347	14.1
1976	13,439	30.7	13,173	30.1	199,034	454.9	7,142	16.3
1975	12,531	29.5	12,498	29.4 *	0.0	*	0.0	0.0
1974	12,757	30.8	12,469	30.1 *	0.0	*	0.0	0.0
1973	11,556	28.7	11,491	28.6	338,062	840.6	8,782	21.8

YEAR	PNEUMONIAS (480-486)				INFLUENZA (487)			
	CASES		DEATHS		CASES		DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1993	470,574	702.5	35,582	53.1	609,471	909.9	455	0.7
1992	401,025	613.8	36,626	56.1	510,190	780.8	401	0.6
1991	275,513	433.1	36,705	57.7	462,915	727.6	496	0.8
1990	235,947	380.3	41,181	66.4	544,768	878.0	605	1.0
1989	232,056	386.1	43,268	72.0	773,802	1287.6	770	1.3
1988	201,902	343.8	47,444	80.8	576,404	981.6	791	1.3
1987	183,143	319.3	52,700	91.9	495,161	863.3	1,151	2.0
1986	190,208	339.6	50,621	90.4	397,715	710.2	1,221	2.2
1985	205,387	375.7	52,888	96.7	447,550	818.7	1,400	2.6
1984	193,594	363.9	45,971	86.4	453,926	853.4	1,150	2.2
1983	123,420	240.1	48,650	94.7	253,534	493.3	1,215	2.4
1982	106,563	207.5	45,373	88.3	226,237	440.5	1,297	2.5
1981	123,154	248.6	43,164	87.1	251,200	507.1	2,715	5.5
1980	117,270	242.7	45,209	93.6	202,884	419.9	1,913	4.0
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
1976	111,767	255.5	47,105	107.7	263,118	601.4	2,781	6.4
1975	96,961	228.1	43,349	102.0	246,057	578.7	2,172	5.1
1974	93,050	224.4	45,910	110.7	297,474	717.5	2,945	7.1
1973	93,569	232.6	48,058	119.5	319,955	795.5	2,361	5.9

\* Not included in the Notifiable Disease Report for that year

# TYPHOID & PARATYPHOID FEVER

## MORBIDITY & MORTALITY TRENDS

Rate per 100,000 Pop., Phils., 1973-1993

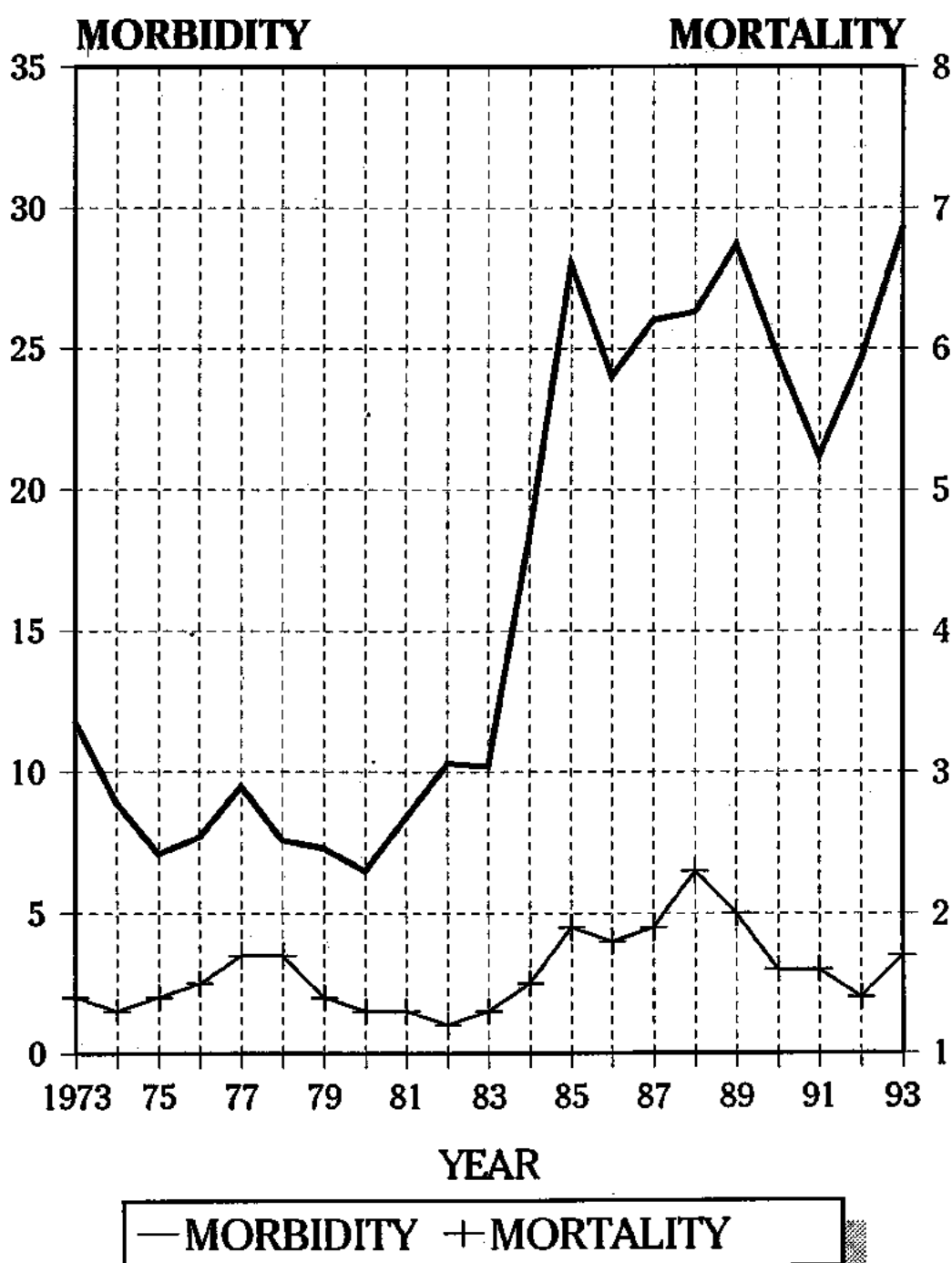


Fig. 11

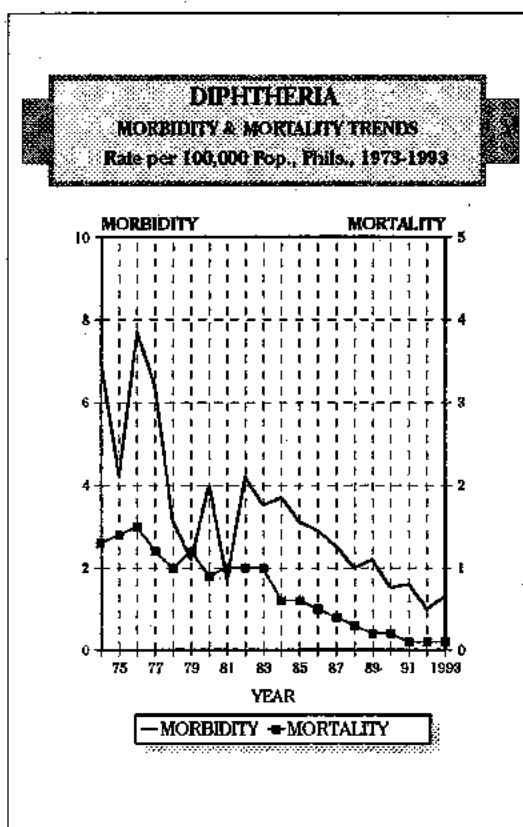
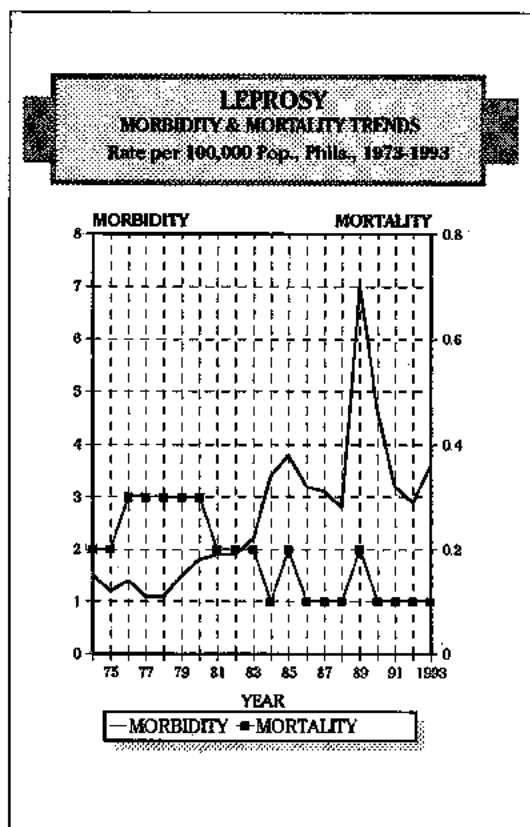
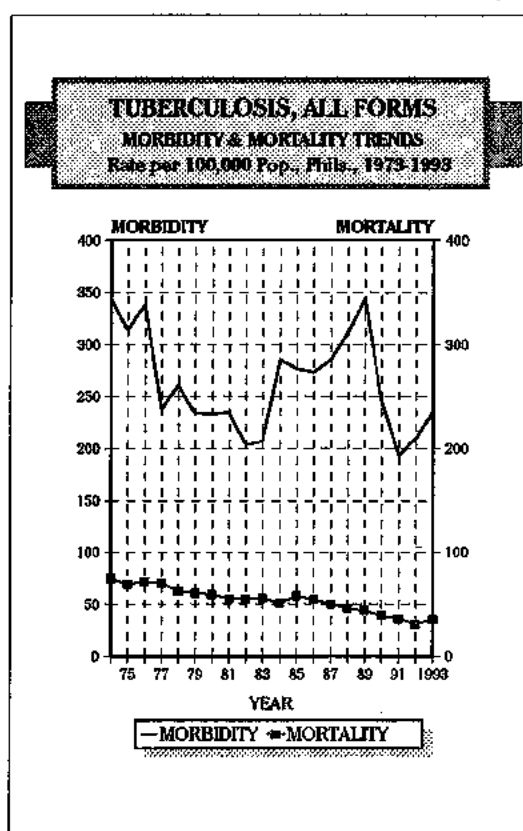
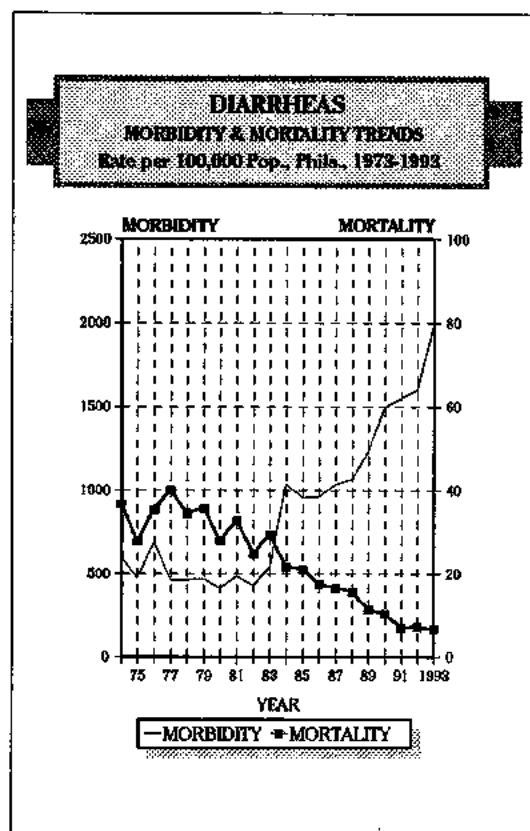


Fig. 12

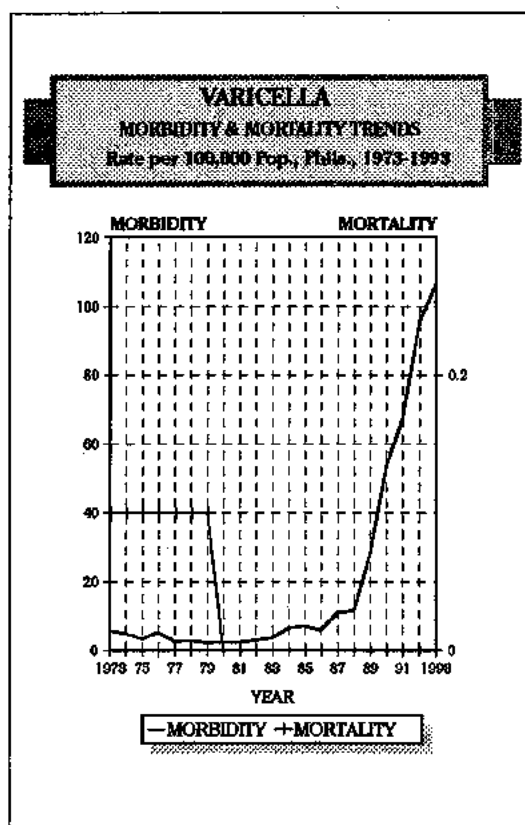
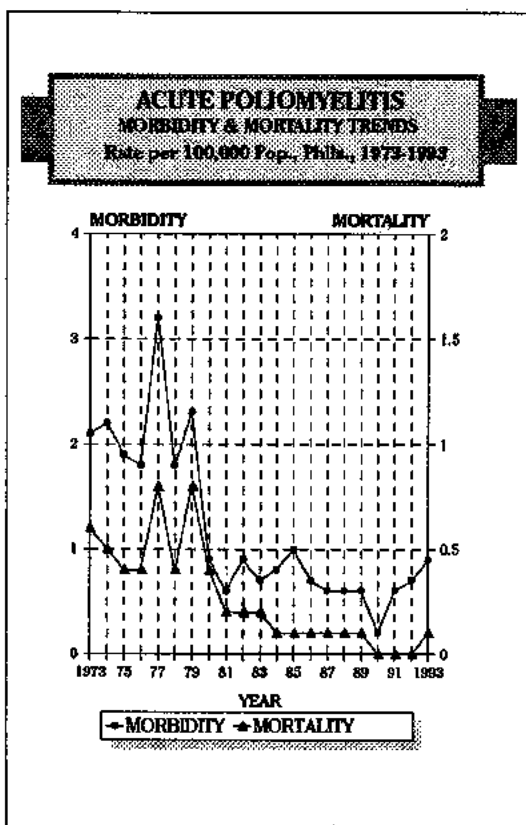
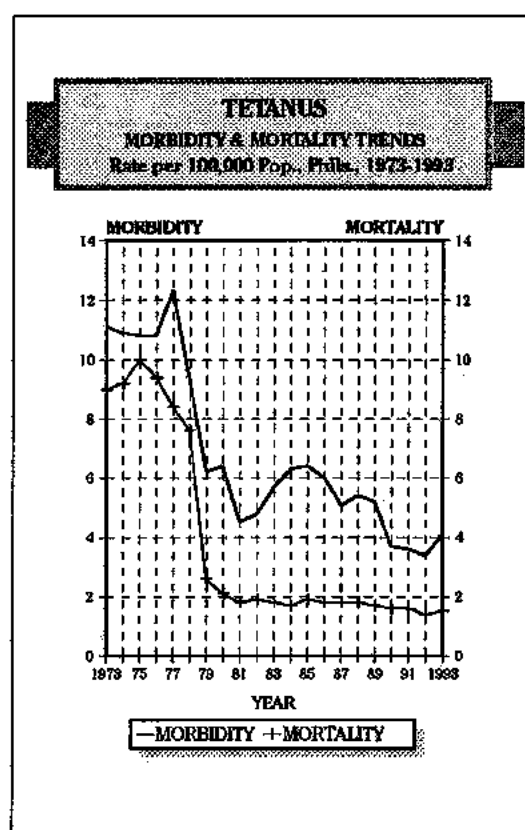
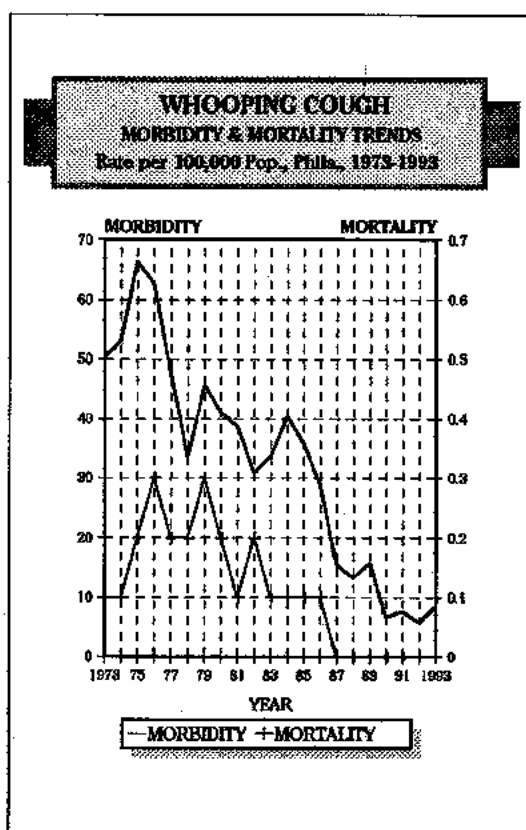


Fig. 13



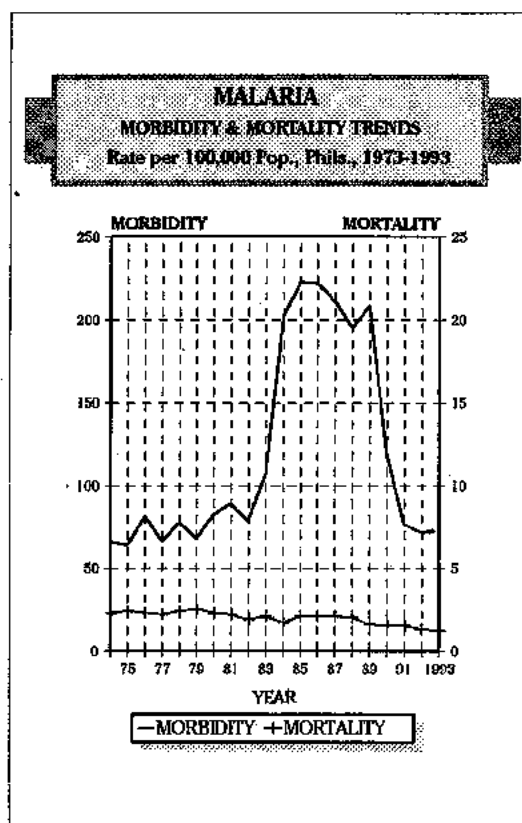
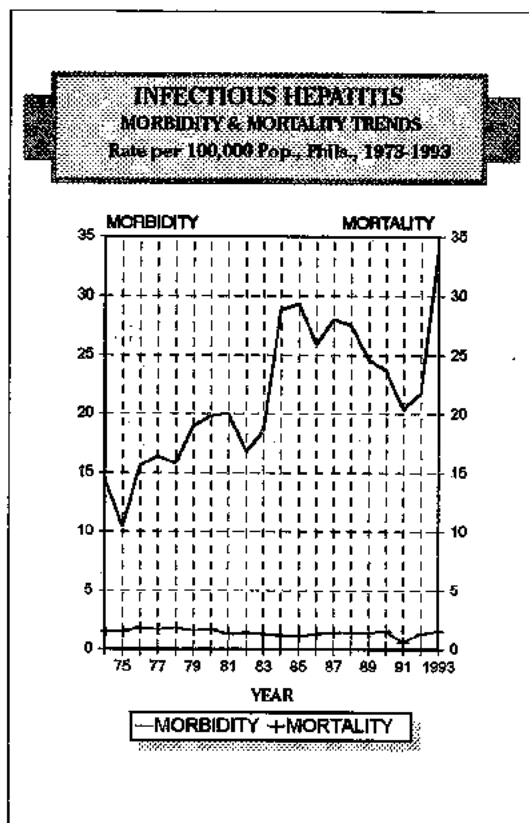
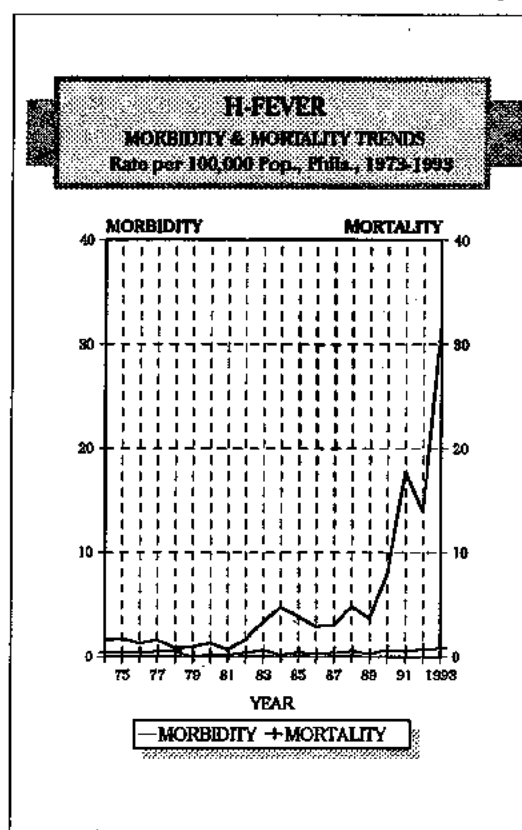
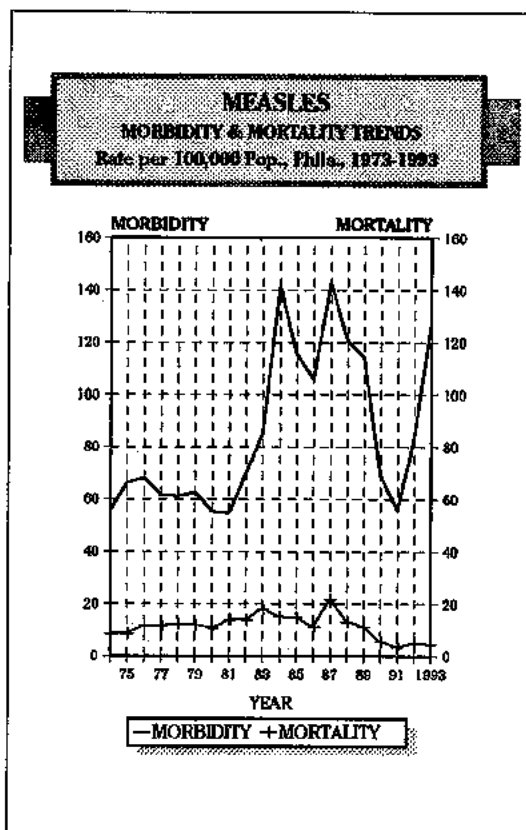


Fig. 14

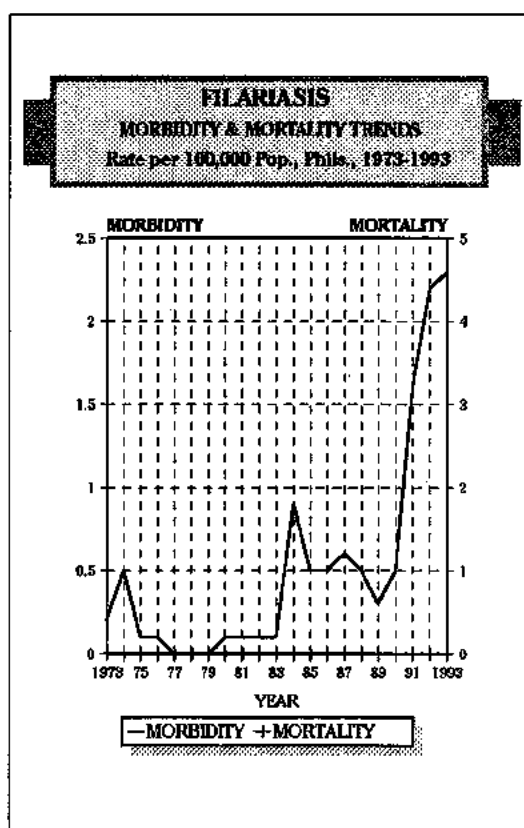
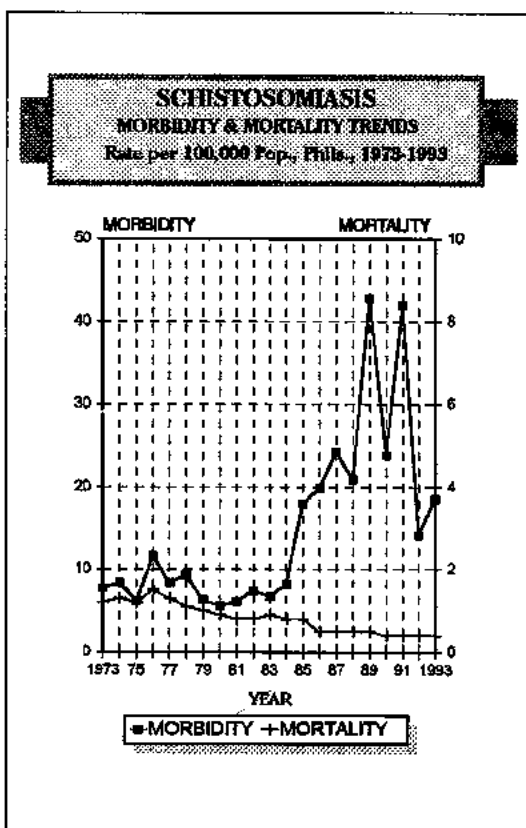
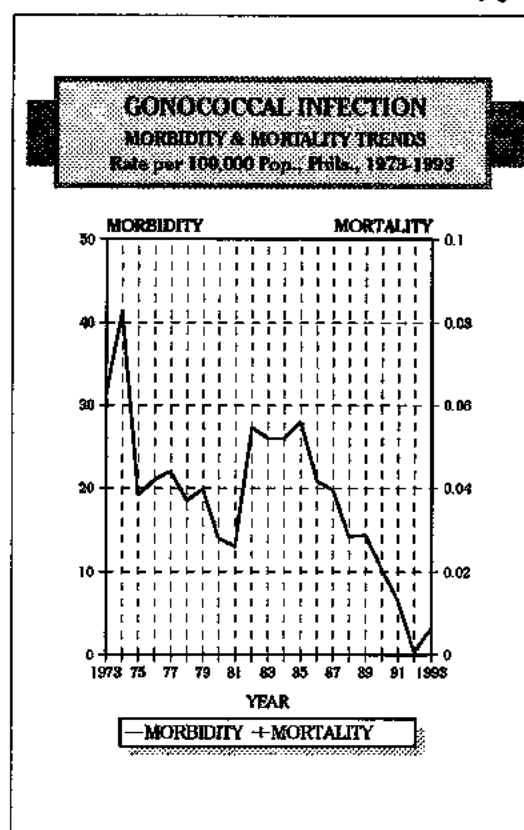
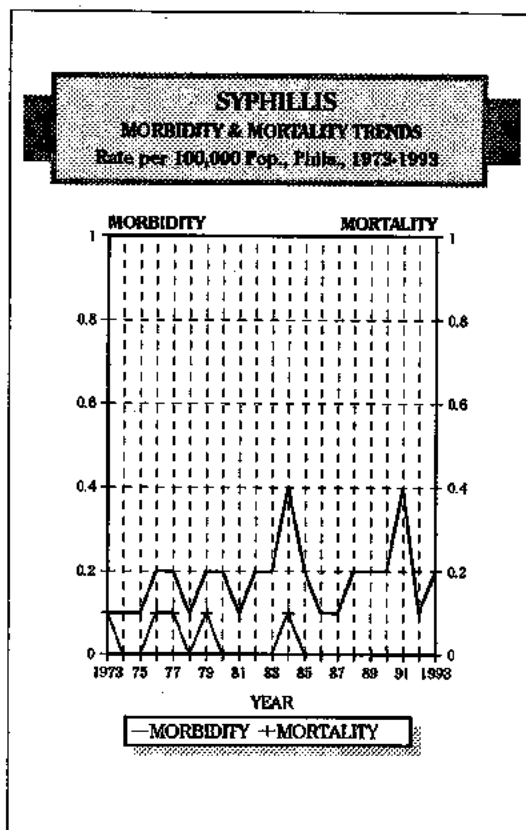


Fig. 15

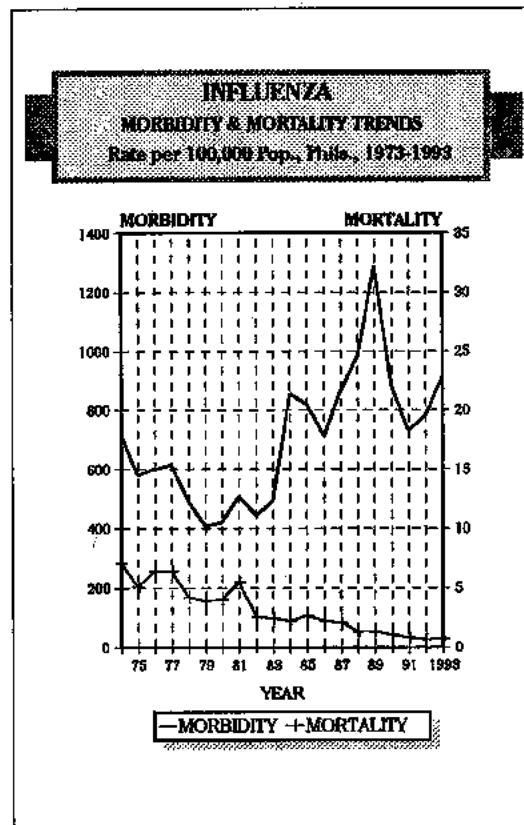
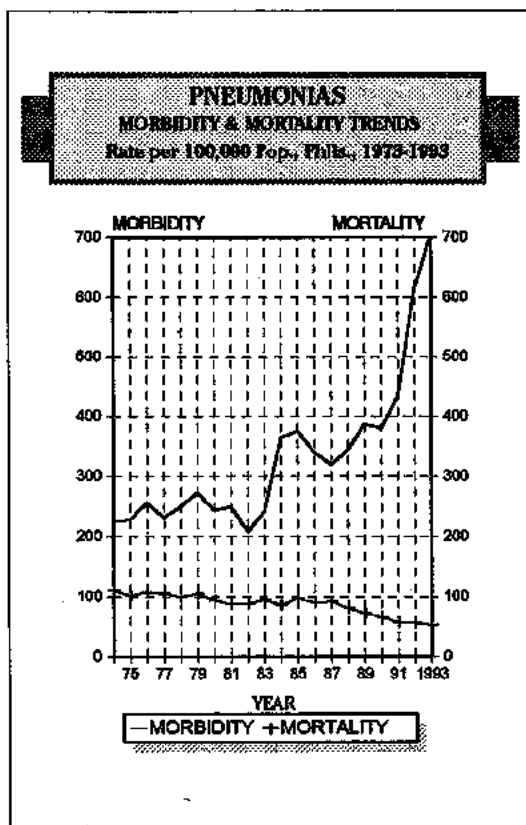
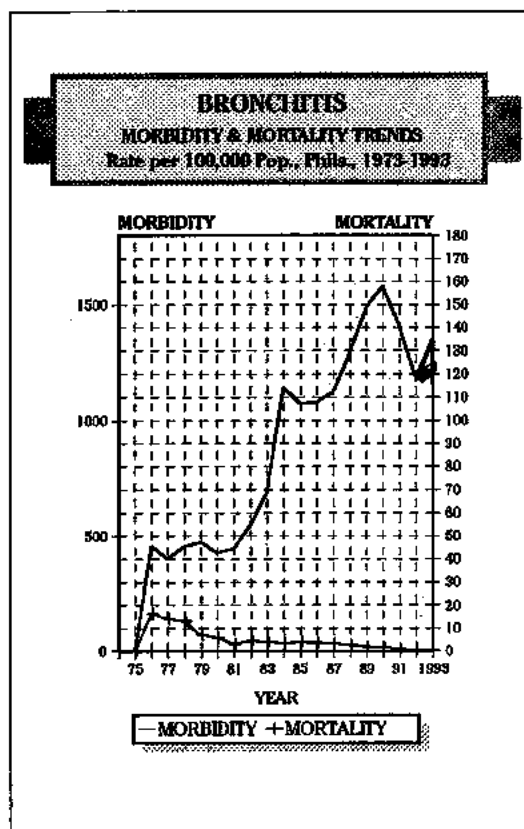
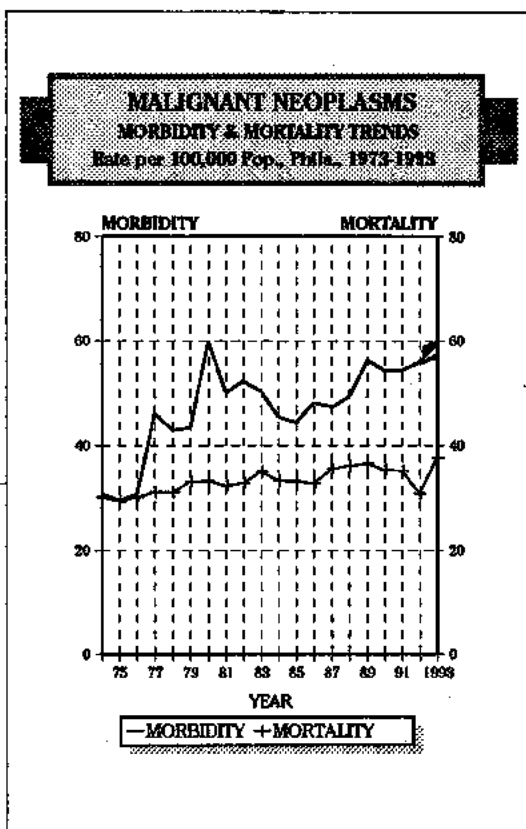


Fig. 16

## **MORTALITY STATISTICS**

Mortality statistics provide data on the occurrence and prevalent causes of deaths as well as relevant data concerning infant, fetal and maternal deaths. The Philippines has continuously exhibited a stable death rate from the seventies to the early part of the eighties, thus attributing 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. Total deaths registered for 1993 were 318,546 representing a crude death rate of 4.8/1,000 population. The state of health is also of interest in the study of mortality. The ten (10) leading causes of deaths in 1993 are presented in Table 20. Diseases of the Heart has been the number one cause of death since 1990 representing 15.3% of total deaths followed by Diseases of the Vascular System and Pneumonias representing 11.7% and 11.2% respectively. The rest according to rank are Malignant Neoplasms, Tuberculosis all forms, Accidents, Chronic Obstructive Pulmonary Diseases and Allied Conditions, Other Diseases of the Respiratory System, Diarrheal Diseases and finally Nephritis, Nephrotic Syndrome and Nephrosis.

### ***GENERAL MORTALITY TRENDS***

Table 4 and Figure 4 show the trend of crude death rate for the country from 1947 to 1993. A marked decline in this rate from 12.7/1,000 population in 1947 to 4.8 in 1993 is observed. Death rates by age tend to be very high at infancy and early childhood, then decline sharply by age 10 years remaining low over a broad age range, then begin to climb at around age 40 years and accelerate beyond 50 years and over. Table 17 shows that there is a lesser chance of survival during infancy than in subsequent years of childhood and young adulthood. In 1993, a total of 34,673 deaths under one year of age was recorded accounting for 10.9% of the total deaths for the year. Deaths at the ages 70 years and over also figure prominently comprising 30.7 percent or a total of 97,639. The mortality rate for males was 5.6 per 1,000 male population while that of females was 3.9 per 1,000 female population. More male deaths were accounted for than female deaths with a ratio of 147. Death sex ratio is computed by dividing the number of male deaths by the number of female deaths multiplied by 100. Moreover, male deaths were more than twice the female deaths for ages 20 to 49 years. This could possibly mean that at age level below 70, females usually outlive the males.

### ***DEATHS BY CAUSE AND ATTENDANCE***

Data on deaths by cause are compiled in accordance with the Ninth Revision of the International Classification of Diseases, Injuries and Causes of Death. 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 or satisfied. In 1993, there were 115,104 or 36.1% attended deaths while 203,442 or 63.9% were not attended.

## **MATERNAL MORTALITY**

Maternal Mortality is death of pregnant woman due to pregnancy, childbirth or puerperium. Maternal Mortality Rate (MMR) is the number of deaths among women during pregnancy, childbirth and puerperium per 1,000 livebirths. In 1993, there were 1,548 maternal deaths registered with a rate of 0.9 per 1,000 livebirths. This rate is slightly higher than that of the previous year (0.8).

### ***MATERNAL MORTALITY BY CAUSE***

The three major causes of maternal deaths are Normal Delivery and other complications related to Pregnancy occurring in the course of Labor, Delivery and Puerperium with 561 deaths representing 36.2% of all maternal deaths, followed by Postpartum Hemorrhage and Hypertension Complicating Pregnancy, Childbirth and Puerperium with 340 deaths or 22.0% and 308 deaths or 19.9% of all maternal deaths, respectively. As shown in Table 5, Region IV recorded the highest mortality with 214 deaths or 13.8% followed by Region V with 176 deaths or 11.4% of all maternal deaths. Deaths among pregnant women aged 30-34 years accounted for 332 deaths followed by aged 25-29 years with 327 deaths.

## **INFANT MORTALITY**

Infant Mortality refers to death among babies less than one year old. Data for 1993 showed that there were 34,673 registered infant deaths or 10.9% of the over-all deaths. The ten (10) leading causes of deaths under one year are shown in Table 29. For the past several years, Pneumonias caused the most number of infant deaths. Table 5 shows infant mortality rates for different health regions, provinces and cities all over the country. NCR showed the highest rate of 24.8% per 1,000 livebirths. Among the provinces, Northern Samar registered the highest infant death rate of 59.9 per 1,000 livebirths while Tawi-Tawi registered the lowest rate of 2.9 per 1,000 livebirths, which may be due to under reporting. Among the cities, Canlaon City had the highest rate of 65.0 per 1,000 livebirths while Bais City had the lowest rate of 1.2 per 1,000 livebirths.

### ***INFANT MORTALITY BY AGE***

Of the total 34,673 infant deaths registered in 1993, 16,868 deaths were under 28 days (Neonatal deaths) with a rate of 10.0 per 1,000 livebirths while 17,805 deaths accounted for those 28 days to under one (1) year (Post Neonatal Deaths) with a rate of 10.6 per 1,000 livebirths. Deaths in the age group of 0-6 days (early neonatal) totaled 13,269 representing 78.7% of all neonatal deaths while the age group 21-27 days recorded the least with 725

representing 4.3% of all neonatal deaths. Of the post-neonatal deaths, those of age 28-59 days had the highest percentage (9.1%) of the total infant deaths. As in the past, there were more male deaths under one year of age than females.

### **FETAL DEATHS**

Fetal Death is death of an offspring prior to its complete expulsion or extraction from the womb irrespective of the duration of pregnancy. It includes abortion, miscarriages and stillbirths. The number of fetal deaths registered was 9,338 or 2.9% of the total registered deaths. Among the regions, Region IV had the highest recorded fetal deaths with 2,203 or 23.6% of all fetal deaths followed by NCR with 1,201 or 12.8% of all fetal deaths, Region VII with 961 or 10.3% of all fetal deaths. Fetal deaths attended by physicians, nurses and midwives, totalled 6,035 or 64.6% while unlicensed midwives attended to some 731 or 7.8%. Some 1,608 or 17.2% were attended by other attendants. A total of 2,079 or 22.3% of all fetal deaths occurred among mothers aged 25-29 years old followed by 1,978 or 21.2% of all fetal deaths among mothers 30-34 years old. Surprisingly, there were 1,186 or 12.7% of all fetal deaths that occurred among women less than 15 years old.

### **LATE FETAL DEATHS**

Fetal death occurring after the twenty seventh week of pregnancy is called Late Fetal Death. Late fetal deaths numbered some 3,598 or 1.1% of all total deaths. Mothers aged 25-29 accounted for the highest number of late fetal deaths (913) followed by mothers aged 20-24 and 30-34 with 836 and 717 late fetal deaths respectively.

TABLE 17

**MORTALITY: ALL CAUSES BY AGE & SEX**  
**No. & Rate/100,000 Pop. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

AGE	MALE		FEMALE		TOTAL		
	Number	Rate	Number	Rate	Number	Rate	%
ALL AGES	189,322	5.6	129,224	3.9	318,546	4.8	100.0
Under 1 yr.	20,175	19.8	14,498	14.8	34,673	17.3	10.9
1 - 4 yrs.	9,110	2.4	7,743	2.2	16,853	2.3	5.3
5 - 9 yrs.	4,018	1.0	3,211	0.8	7,229	0.9	2.3
10 - 14 yrs.	2,949	0.7	2,171	0.6	5,120	0.7	1.6
15 - 19 yrs.	4,367	1.2	2,338	0.7	6,705	0.9	2.1
20 - 24 yrs.	6,702	2.1	2,796	0.9	9,498	1.5	3.0
25 - 29 yrs.	7,402	2.7	3,228	1.2	10,630	1.9	3.3
30 - 34 yrs.	7,702	3.3	3,469	1.4	11,171	2.3	3.5
35 - 39 yrs.	8,393	4.2	3,874	1.8	12,267	3.0	3.9
40 - 44 yrs.	8,803	5.3	4,105	2.4	12,908	3.8	4.1
45 - 49 yrs.	9,703	7.3	4,565	3.5	14,268	5.4	4.5
50 - 54 yrs.	10,977	10.4	5,511	5.2	16,488	7.8	5.2
55 - 59 yrs.	12,235	14.6	6,243	7.2	18,478	10.8	5.8
60 - 64 yrs.	13,624	21.3	7,797	11.3	21,421	16.1	6.7
65 - 69 yrs.	13,499	28.7	8,715	16.5	22,214	22.3	7.0
70 yrs. & Over	49,120	68.9	48,519	57.5	97,639	62.7	30.7
Not Stated	543	0.3	441	0.2	984	0.2	0.4

# **MORTALITY: ALL CAUSES BY AGE** **Rate per 1,000 Population** **PHILIPPINES, 1993**

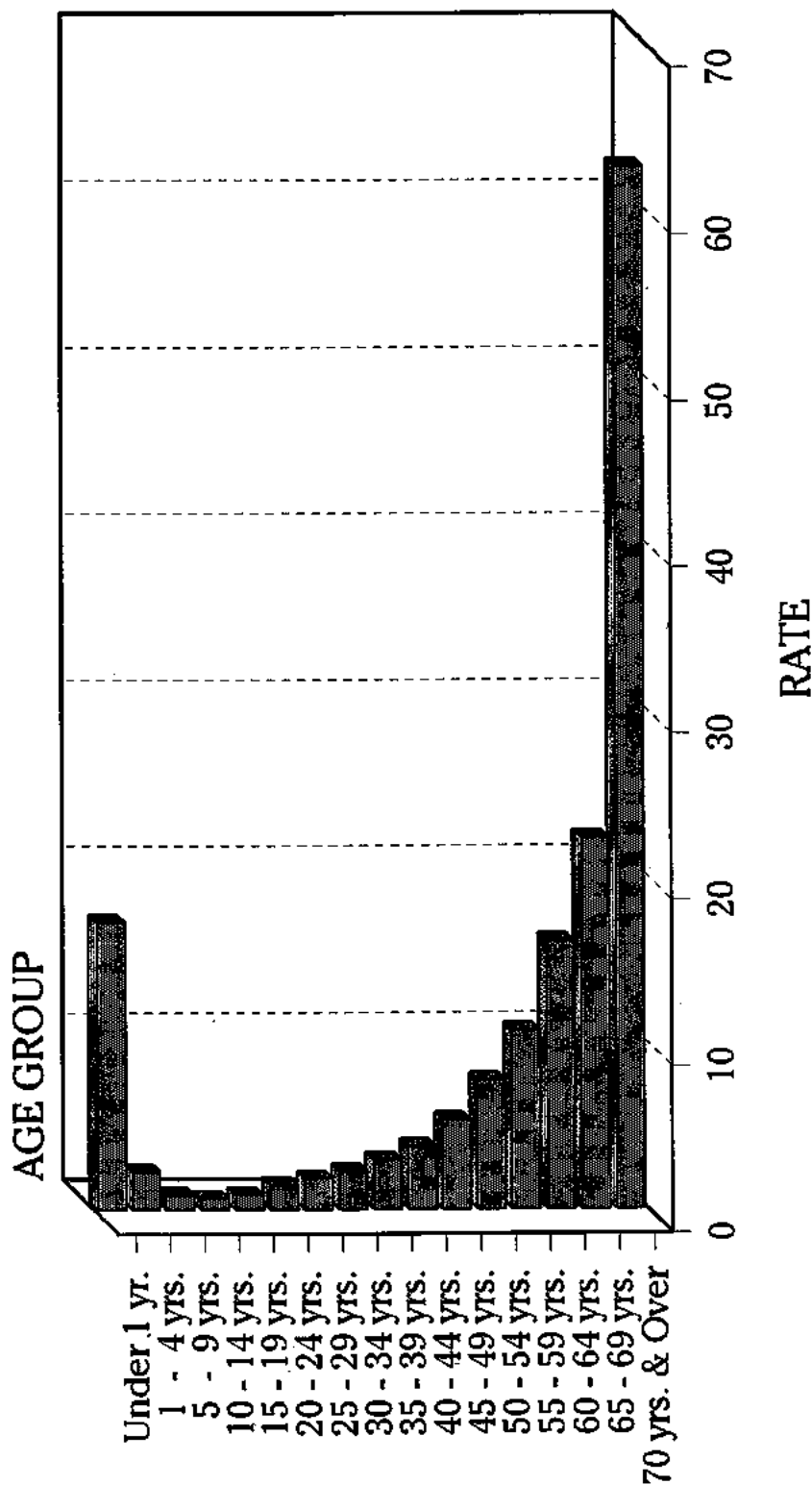


Fig. 17



**MORTALITY: ALL CAUSES BY SEX & HEALTH REGION**  
**No. & Rate/1,000 Pop. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

AREA	NUMBER OF DEATHS			RATE	% OF TOTAL DEATHS
	MALE	FEMALE	BOTH SEXES		
PHILIPPINES	189,322	129,224	318,546	4.8	100.0
NAT. CAP. REGION	28,791	19,227	48,018	5.5	15.0
C.A.R.	2,575	1,687	4,262	3.4	1.3
REGION 1	14,413	10,859	25,272	6.5	7.8
REGION 2	7,697	5,083	12,780	4.9	3.9
REGION 3	19,414	13,921	33,335	4.9	10.4
REGION 4	28,859	19,543	48,402	5.3	15.4
REGION 5	13,005	9,380	22,385	5.2	7.4
REGION 6	18,930	12,720	31,650	5.4	9.4
REGION 7	15,305	11,685	26,990	5.3	8.9
REGION 8	8,885	6,490	15,375	4.6	5.1
REGION 9	5,394	3,152	8,546	3.1	2.9
REGION 10	9,307	5,747	15,054	3.9	4.5
REGION 11	11,331	6,850	18,181	3.6	5.7
REGION 12	4,263	2,425	6,688	3.0	2.3
ARMM	1,073	437	1,510	0.8	0.5
FOREIGN COUNTRIES	0	18	98	0.0	0.03

# MORTALITY : ALL CAUSES BY HEALTH REGION

PERCENTAGE DISTRIBUTION  
PHILIPPINES, 1993

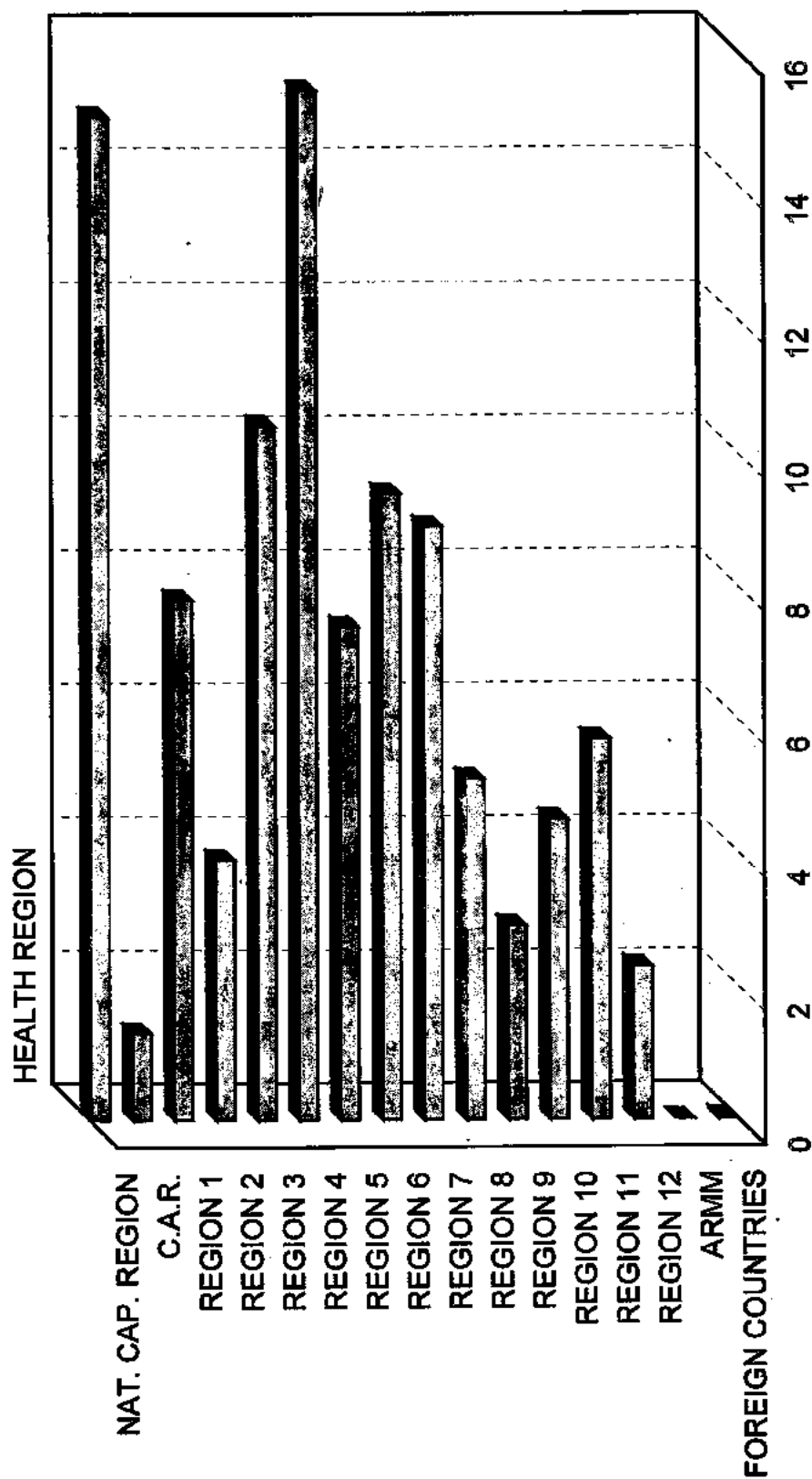


FIG.18

TABLE 19

**MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

AGE GROUP	NATIONAL CAPITAL REGION (METRO MANILA)			
	MALE	FEMALE	BOTH SEXES	PERCENT
ALL AGES	22,791	19,227	42,018	100.0
Under 1 year	4,131	2,902	7,033	14.6
1 - 4 yrs.	1,434	1,132	2,566	5.3
5 - 9 yrs.	465	371	836	1.7
10 - 14 yrs.	339	254	593	1.2
15 - 19 yrs.	649	332	981	2.0
20 - 24 yrs.	1,323	423	1,746	3.6
25 - 29 yrs.	1,496	518	2,014	4.2
30 - 34 yrs.	1,415	542	1,957	4.1
35 - 39 yrs.	1,478	630	2,108	4.4
40 - 44 yrs.	1,499	673	2,172	4.5
45 - 49 yrs.	1,586	755	2,341	4.9
50 - 54 yrs.	1,661	832	2,493	5.2
55 - 59 yrs.	1,851	1,005	2,856	5.9
60 - 64 yrs.	2,005	1,271	3,276	6.8
65 - 69 yrs.	1,968	1,324	3,292	6.9
70 yrs. & Over	5,343	6,169	11,512	24.0
Not Stated	148	94	242	0.5

AGE GROUP	CORDILLERA AUTONOMOUS REGION (C.A.R.)			
	MALE	FEMALE	BOTH SEXES	PERCENT
ALL AGES	2,575	1,687	4,262	100.0
Under 1 year	260	178	438	10.3
1 - 4 yrs.	89	64	153	3.6
5 - 9 yrs.	51	44	95	2.2
10 - 14 yrs.	33	31	64	1.5
15 - 19 yrs.	69	28	97	2.3
20 - 24 yrs.	118	36	154	3.6
25 - 29 yrs.	112	43	155	3.6
30 - 34 yrs.	111	40	151	3.5
35 - 39 yrs.	128	36	164	3.8
40 - 44 yrs.	110	64	174	4.1
45 - 49 yrs.	113	51	164	3.8
50 - 54 yrs.	124	78	202	4.7
55 - 59 yrs.	166	76	288	6.8
60 - 64 yrs.	202	122	324	7.6
65 - 69 yrs.	180	145	325	7.6
70 yrs. & Over	690	644	1,334	31.3
Not Stated	19	7	26	0.6

AGE GROUP	AUTONOMOUS REGION OF MUSLIM MINDANAO (ARMM)			
	MALE	FEMALE	BOTH SEXES	PERCENT
ALL AGES	1,073	437	1,510	100.0
Under 1 year	94	47	141	9.3
1 - 4 yrs.	79	71	150	9.9
5 - 9 yrs.	27	35	62	4.1
10 - 14 yrs.	8	11	19	1.3
15 - 19 yrs.	18	14	32	2.1
20 - 24 yrs.	37	20	57	3.8
25 - 29 yrs.	52	22	74	4.9
30 - 34 yrs.	82	22	104	6.9
35 - 39 yrs.	89	25	114	7.5
40 - 44 yrs.	84	20	104	6.9
45 - 49 yrs.	76	16	92	6.1
50 - 54 yrs.	90	16	106	7.0
55 - 59 yrs.	73	17	90	6.0
60 - 64 yrs.	57	23	80	5.3
65 - 69 yrs.	59	13	72	4.8
70 yrs. & Over	134	58	192	12.7
Not Stated	14	7	21	1.4

TABLE 19

**MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

A G E G R O U P	REGION 1 ILOCOS NORTE				REGION 2 CAGAYAN VALLEY			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES	14,413	10,859	25,272	100.0	7,697	5,083	12,780	100.0
Under 1 year	1,474	973	2,447	9.7	836	591	1,427	11.2
1 - 4 yrs.	569	518	1,087	4.3	404	355	759	5.9
5 - 9 yrs.	251	182	433	1.7	163	112	275	2.2
10 - 14 yrs.	196	127	323	1.3	152	74	226	1.8
15 - 19 yrs.	281	148	429	1.7	204	127	331	2.6
20 - 24 yrs.	402	168	570	2.3	273	119	392	3.1
25 - 29 yrs.	469	217	686	2.7	276	106	382	3.0
30 - 34 yrs.	469	220	689	2.7	284	139	423	3.3
35 - 39 yrs.	534	232	766	3.0	311	160	471	3.7
40 - 44 yrs.	609	281	890	3.5	353	166	519	4.1
45 - 49 yrs.	719	328	1,047	4.1	368	166	534	4.2
50 - 54 yrs.	793	391	1,184	4.7	430	189	619	4.8
55 - 59 yrs.	878	425	1,303	5.2	535	263	798	6.2
60 - 64 yrs.	972	532	1,504	6.0	545	254	799	6.3
65 - 69 yrs.	1,060	694	1,754	6.9	538	319	857	6.7
70 yrs. & Over	4,702	5,373	10,075	39.9	2,010	1,924	3,934	30.8
Not Stated	35	50	85	0.3	15	19	34	0.3

A G E G R O U P	REGION 3 CENTRAL LUZON				REGION 4 SOUTHERN TAGALOG			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES	19,414	13,921	33,335	100.0	28,859	19,543	48,402	100.0
Under 1 year	1,669	1,181	2,850	8.5	3,306	2,513	5,819	12.0
1 - 4 yrs.	669	580	1,249	3.7	1,348	1,176	2,524	5.2
5 - 9 yrs.	367	251	618	1.9	615	492	1,107	2.3
10 - 14 yrs.	286	267	553	1.7	470	319	789	1.6
15 - 19 yrs.	421	242	663	2.0	616	343	959	2.0
20 - 24 yrs.	596	302	898	2.7	1,044	434	1,478	3.1
25 - 29 yrs.	686	328	1,014	3.0	1,130	516	1,646	3.4
30 - 34 yrs.	700	375	1,075	3.2	1,230	543	1,773	3.7
35 - 39 yrs.	798	420	1,218	3.7	1,281	613	1,894	3.9
40 - 44 yrs.	858	436	1,294	3.9	1,348	608	1,956	4.0
45 - 49 yrs.	1,055	550	1,605	4.8	1,456	699	2,155	4.5
50 - 54 yrs.	1,135	639	1,774	5.3	1,699	838	2,537	5.2
55 - 59 yrs.	1,353	679	2,032	6.1	1,834	918	2,752	5.7
60 - 64 yrs.	1,547	873	2,420	7.3	2,150	1,157	3,307	6.8
65 - 69 yrs.	1,627	969	2,596	7.8	2,064	1,253	3,317	6.9
70 yrs. & Over	5,587	5,785	11,372	34.1	7,207	7,069	14,276	29.5
Not Stated	60	44	104	0.3	61	52	113	0.2

TABLE 19

**MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

A G E G R O U P	REGION 5 BICOL REGION				REGION 6 WESTERN VISAYAS			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
<b>ALL AGES</b>	<b>13,005</b>	<b>9,380</b>	<b>22,385</b>	<b>100.0</b>	<b>18,930</b>	<b>12,720</b>	<b>31,650</b>	<b>100.0</b>
Under 1 year	1,481	1,069	2,550	11.4	1,602	1,099	2,701	8.5
1 - 4 yrs.	867	773	1,640	7.3	764	602	1,366	4.3
5 - 9 yrs.	328	288	616	2.8	350	331	681	2.2
10 - 14 yrs.	265	218	483	2.2	270	174	444	1.4
15 - 19 yrs.	342	219	561	2.5	437	227	664	2.1
20 - 24 yrs.	376	259	635	2.8	606	211	817	2.6
25 - 29 yrs.	414	239	653	2.9	707	288	995	3.1
30 - 34 yrs.	422	271	693	3.1	716	306	1,022	3.2
35 - 39 yrs.	465	261	726	3.2	790	356	1,146	3.6
40 - 44 yrs.	457	262	719	3.2	864	408	1,272	4.0
45 - 49 yrs.	584	322	906	4.0	959	426	1,385	4.4
50 - 54 yrs.	728	315	1,043	4.7	1,140	534	1,674	5.3
55 - 59 yrs.	756	366	1,122	5.0	1,242	641	1,883	5.9
60 - 64 yrs.	907	513	1,420	6.3	1,345	725	2,070	6.5
65 - 69 yrs.	958	597	1,555	6.9	1,298	856	2,154	6.8
70 yrs. & Over	3,638	3,393	7,031	31.4	5,801	5,507	11,308	35.7
Not Stated	17	15	32	0.1	39	29	68	0.2

A G E G R O U P	REGION 7 CENTRAL VISAYAS				REGION 8 EASTERN VISAYAS			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
<b>ALL AGES</b>	<b>15,305</b>	<b>11,685</b>	<b>26,990</b>	<b>100.0</b>	<b>8,885</b>	<b>6,490</b>	<b>15,375</b>	<b>100.0</b>
Under 1 year	1,752	1,327	3,079	11.4	817	636	1,453	9.5
1 - 4 yrs.	826	696	1,522	5.6	593	494	1,087	7.1
5 - 9 yrs.	348	270	618	2.3	263	228	491	3.2
10 - 14 yrs.	257	181	438	1.6	174	145	319	2.1
15 - 19 yrs.	345	155	500	1.9	210	108	318	2.1
20 - 24 yrs.	439	188	627	2.3	250	139	389	2.5
25 - 29 yrs.	446	248	694	2.6	295	175	470	3.1
30 - 34 yrs.	485	277	762	2.8	353	157	510	3.3
35 - 39 yrs.	580	285	865	3.2	344	191	535	3.5
40 - 44 yrs.	626	327	953	3.5	339	190	529	3.4
45 - 49 yrs.	687	354	1,041	3.9	413	223	636	4.1
50 - 54 yrs.	813	494	1,307	4.8	467	267	734	4.8
55 - 59 yrs.	941	581	1,522	5.6	572	279	851	5.5
60 - 64 yrs.	1,071	753	1,824	6.8	673	388	1,061	6.9
65 - 69 yrs.	1,100	830	1,930	7.2	651	456	1,107	7.2
70 yrs. & Over	4,527	4,657	9,184	34.0	2,459	2,403	4,862	31.6
Not Stated	62	62	124	0.5	12	11	23	0.1

TABLE 19

**MORTALITY: ALL CAUSES BY AGE & SEX & HEALTH REGION**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

A G E G R O U P	REGION 9 NORTHERN MINDANAO				REGION 10 NORTHERN MINDANAO			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES	5,851	3,427	9,278	100.0	9,307	5,747	15,054	100.0
Under 1 year	570	458	1,028	11.1	922	616	1,538	10.2
1 - 4 yrs.	338	281	619	6.7	448	421	869	5.8
5 - 9 yrs.	134	103	237	2.6	248	203	451	3.0
10 - 14 yrs.	98	63	161	1.7	145	120	265	1.8
15 - 19 yrs.	126	82	208	2.2	246	114	360	2.4
20 - 24 yrs.	239	110	349	3.8	352	138	490	3.3
25 - 29 yrs.	253	128	381	4.1	352	162	514	3.4
30 - 34 yrs.	284	107	391	4.2	438	161	599	4.0
35 - 39 yrs.	318	136	454	4.9	438	208	646	4.3
40 - 44 yrs.	321	114	435	4.7	492	185	677	4.5
45 - 49 yrs.	359	134	493	5.3	509	210	719	4.8
50 - 54 yrs.	366	166	532	5.7	546	266	812	5.4
55 - 59 yrs.	368	175	543	5.9	636	306	942	6.3
60 - 64 yrs.	427	193	620	6.7	651	392	1,043	6.9
65 - 69 yrs.	400	220	620	6.7	638	395	1,033	6.9
70 yrs. & Over	1,229	945	2,174	23.4	2,234	1,836	4,070	27.0
Not Stated	21	12	33	0.4	12	14	26	0.2

A G E G R O U P	REGION 11 SOUTHERN MINDANAO				REGION 12 CENTRAL MINDANAO			
	MALE	FEMALE	BOTH SEXES	%	MALE	FEMALE	BOTH SEXES	%
ALL AGES	11,331	6,850	18,181	100.0	4,879	2,587	7,466	100.0
Under 1 year	1,008	693	1,701	9.4	347	262	609	8.2
1 - 4 yrs.	559	462	1,021	5.6	201	189	390	5.2
5 - 9 yrs.	325	253	578	3.2	110	83	193	2.6
10 - 14 yrs.	175	143	318	1.7	89	55	144	1.9
15 - 19 yrs.	269	151	420	2.3	152	62	214	2.9
20 - 24 yrs.	482	202	684	3.8	201	67	268	3.6
25 - 29 yrs.	514	180	694	3.8	250	80	330	4.4
30 - 34 yrs.	510	225	735	4.0	280	105	385	5.2
35 - 39 yrs.	617	221	838	4.6	305	124	429	5.7
40 - 44 yrs.	625	288	913	5.0	299	100	399	5.3
45 - 49 yrs.	586	250	836	4.6	301	96	397	5.3
50 - 54 yrs.	731	360	1,091	6.0	335	141	476	6.4
55 - 59 yrs.	742	391	1,133	6.2	353	136	489	6.5
60 - 64 yrs.	794	466	1,260	6.9	328	158	486	6.5
65 - 69 yrs.	720	477	1,197	6.6	290	176	466	6.2
70 yrs. & Over	2,651	2,064	4,715	25.9	1,020	745	1,765	23.6
Not Stated	23	24	47	0.3	18	8	26	0.3

**MORTALITY: TEN (10) LEADING CAUSES**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**5-YEAR AVERAGE (1988-1992) & 1993**

CAUSE	5-Year Average (1988-1992)			1993		
	NUMBER	RATE	% OF TOTAL DEATHS	NUMBER	RATE	% OF TOTAL DEATHS
1. DISEASES OF THE HEART (390-398;402-404;410-429)	45,419	73.3	14.4	48,582	72.5	15.3
2. DISEASES OF THE VASCULAR SYSTEM (401;403;405;430-438; 440-448;451-459)	35,414	57.2	11.2	37,358	55.8	11.7
3. PNEUMONIAS (480-486)	42,022	67.8	13.3	35,582	53.1	11.2
4. MALIGNANT NEOPLASMS (140-239)	23,946	38.6	7.6	25,399	37.9	8.0
5. TUBERCULOSIS, ALL FORMS (010-018;137)	23,356	37.7	7.4	24,580	36.7	7.7
6. ACCIDENTS (800-999;E800-E949)	11,292	18.2	3.6	13,477	20.1	4.2
7. CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	7,931	12.8	2.5	11,154	16.7	3.5
8. OTHER DISEASES OF THE RESPIRATORY SYSTEM (470-478; (500-508;510-519)	6,804	11.0	2.2	6,955	10.4	2.2
9. DIARRHEAL DISEASES (001-009)	7,674	12.4	2.4	5,759	8.6	1.8
10. NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	5,137	8.3	1.6	5,510	8.2	1.7

# MORTALITY: TEN (10) LEADING CAUSES

Rate per 100,000 Population  
Phils., 5-Yr. Ave.(1988-1992) & 1993

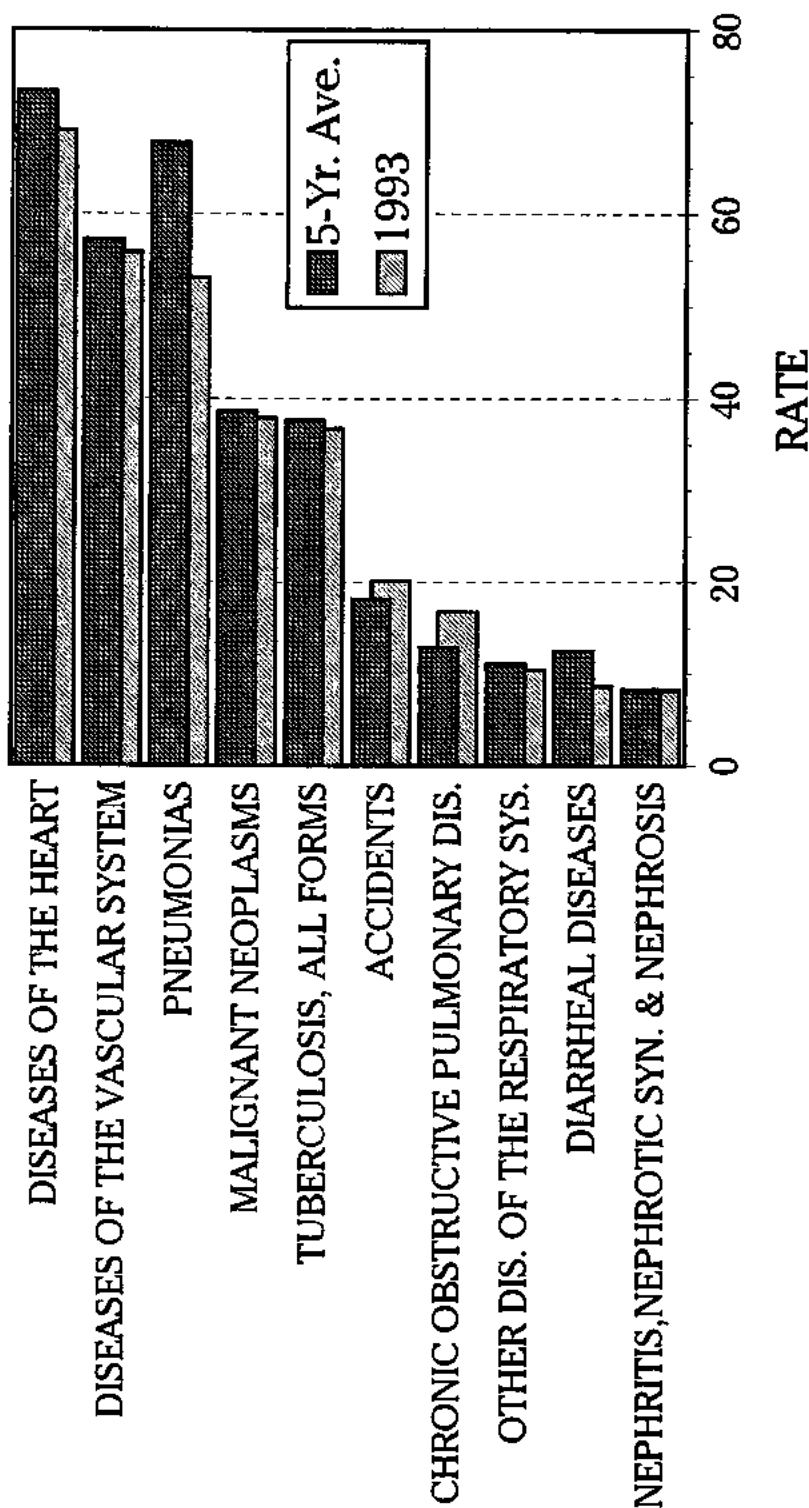


Fig. 19



# **TOTAL MORTALITY: TEN (10) LEADING CAUSES** **PERCENTAGE DISTRIBUTION** **PHILIPPINES, 1993**

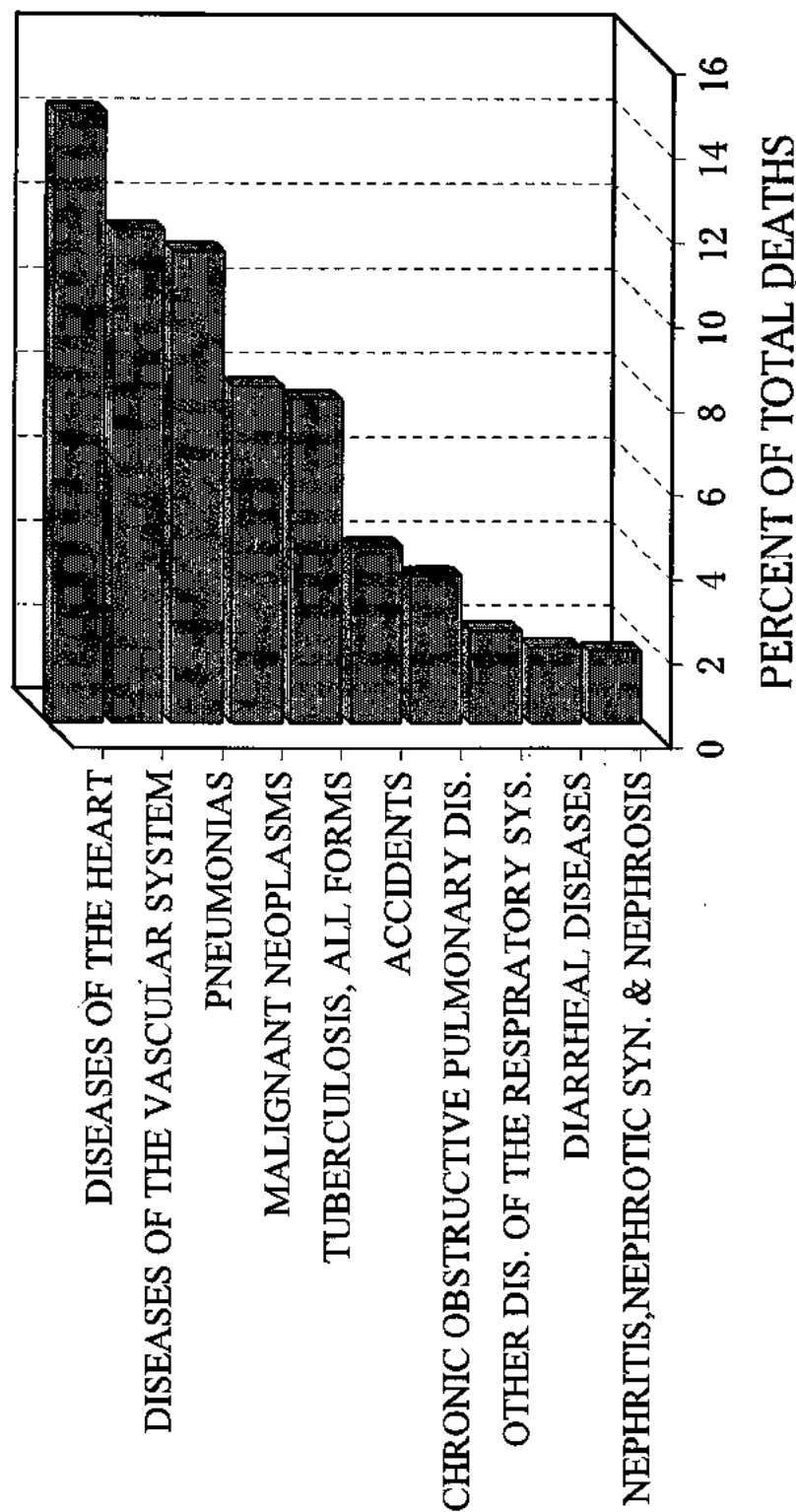


Fig. 20

**MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

CAUSE	TOTAL DEATHS	ATTENDANCE			
		ATTENDED NUMBER	ATTENDED PERCENT	NOT ATTENDED NUMBER	NOT ATTENDED PERCENT
1. DISEASES OF THE HEART (390-398;402-404;410-429)	48,582	16,644	34.3	31,938	65.7
2. DIS. OF THE VASCULAR SYS. (401;403;405;430-438;440-448; 451-459)	37,358	13,219	35.4	24,139	64.6
3. PNEUMONIAS (480-486)	35,582	9,115	25.6	26,467	74.4
4. MALIGNANT NEOPLASMS (140-239)	25,399	9,764	38.4	15,635	61.6
5. TUBERCULOSIS, ALL FORMS (010-018)	24,580	8,364	34.0	16,216	66.0
6. ACCIDENTS (800-999;E800-E949)	13,477	4,725	35.1	8,752	64.9
7. CHRONIC OBSTRUCTIVE PULMONARY DISEASE & ALLIED CONDITIONS (490-496)	11,154	4,240	38.0	6,914	62.0
8. OTHER DISEASES OF RESP. SYSTEM (470-478; 500-508; 510-519)	6,955	2,192	31.5	4,763	68.5
9. DIARRHEAL DISEASES (001-009)	5,759	2,679	46.5	3,080	53.5
10. NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	5,510	2,278	41.3	3,232	58.7

# **MORTALITY: LEADING CAUSES BY ATTENDANCE** **PERCENT DISTRIBUTION** **PHILIPPINES, 1993**

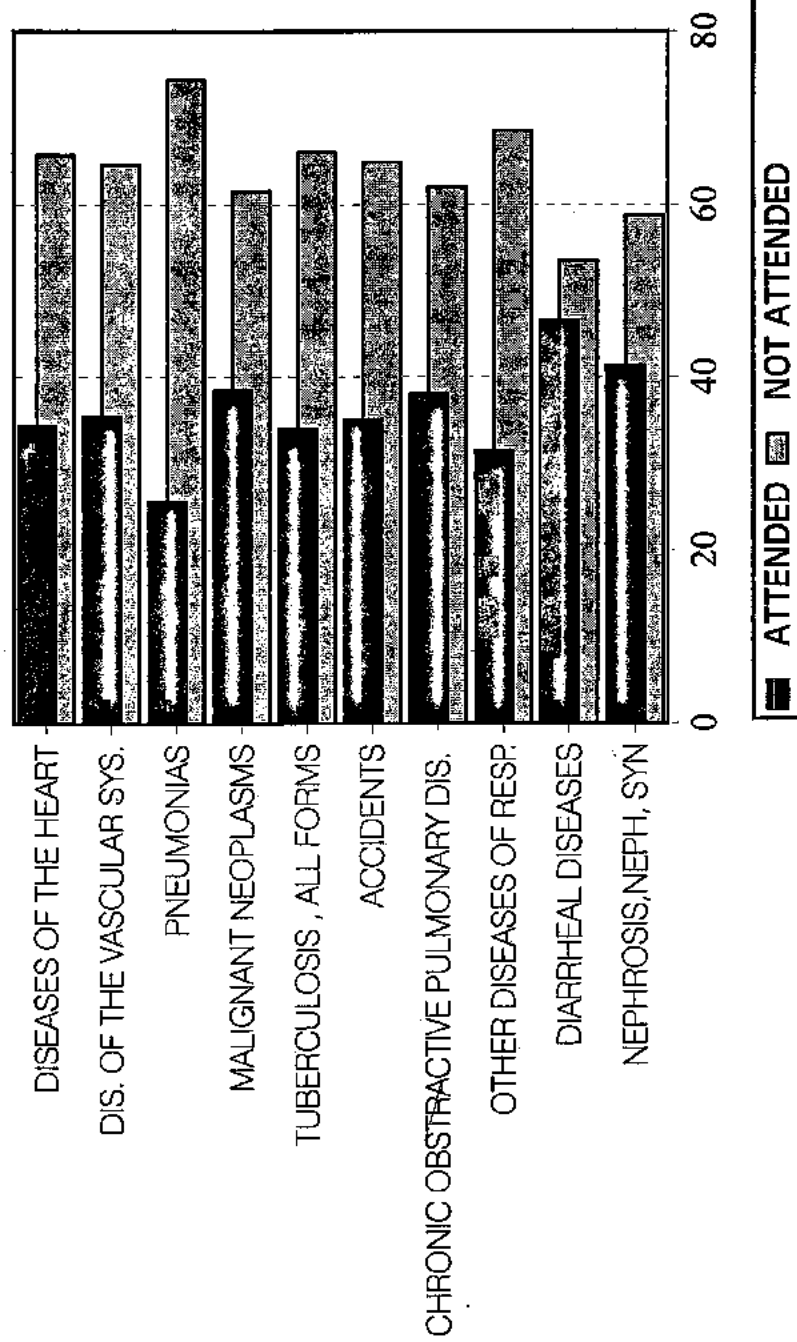


Fig. 21

TABLE 22

**MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

AREA	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
<b>PHILIPPINES</b>	<b>318,546</b>	<b>115,104</b>	<b>36.1</b>	<b>203,442</b>	<b>63.9</b>
<b>NAT. CAP. REGION</b>	<b>52,797</b>	<b>29,761</b>	<b>56.4</b>	<b>23,036</b>	<b>43.6</b>
1ST DIST. MANILA	17,089	10,846	63.5	6,243	36.5
2ND DIST. MUN.	6,473	3,642	56.3	2,831	43.7
QUEZON CITY	12,975	8,633	66.5	4,342	33.5
3RD DIST. MUN.	3,296	958	29.1	2,338	70.9
CALOOCAN CITY	3,944	1,343	34.1	2,601	65.9
4TH DIST. MUN.	7,304	3,490	47.8	3,814	52.2
PASAY CITY	1,716	849	49.5	867	50.5
<b>C.A.R.</b>	<b>4,382</b>	<b>1,538</b>	<b>35.1</b>	<b>2,844</b>	<b>64.9</b>
ABRA	1,074	251	23.4	823	76.6
BENGUET	861	273	31.7	588	68.3
IFUGAO	362	140	38.7	222	61.3
KALINGA APAYAO	587	115	19.6	472	80.4
MT. PROVINCE	423	134	31.7	289	68.3
BAGUIO CITY	1,075	625	58.1	450	41.9
<b>REGION 1</b>	<b>24,977</b>	<b>7,505</b>	<b>30.0</b>	<b>17,472</b>	<b>70.0</b>
ILOCOS NORTE	2,672	935	35.0	1,737	65.0
ILOCOS SUR	3,662	986	26.9	2,676	73.1
LA UNION	4,097	1,404	34.3	2,693	65.7
PANGASINAN	11,180	2,446	21.9	8,734	78.1
DAGUPAN CITY	1,710	993	58.1	717	41.9
LAOAG CITY	741	395	53.3	346	46.7
SAN CARLOS CITY	915	346	37.8	569	62.2
<b>REGION 2</b>	<b>12,651</b>	<b>3,181</b>	<b>25.1</b>	<b>9,470</b>	<b>74.9</b>
BATANES	110	34	30.9	76	69.1
CAGAYAN	5,027	1,166	23.2	3,861	76.8
ISABELA	5,630	1,444	25.6	4,186	74.4
NUEVA VIZCAYA	1,443	433	30.0	1,010	70.0
QUIRINO	441	104	23.6	337	76.4
<b>REGION 3</b>	<b>32,280</b>	<b>11,984</b>	<b>37.1</b>	<b>20,296</b>	<b>62.9</b>
BATAAN	2,122	880	41.5	1,242	58.5
BULACAN	8,737	3,448	39.5	5,289	60.5
NUEVA ECIJA	4,879	1,370	28.1	3,509	71.9
PAMPANGA	5,433	1,989	36.6	3,444	63.4
TARLAC	4,933	1,297	26.3	3,636	73.7
ZAMBALES	1,928	951	49.3	977	50.7
	0				
ANGELES CITY	1,231	549	44.6	682	55.4

**MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

AREA	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
CABANATUAN CITY	1,445	711	49.2	734	50.8
OLONGAPO CITY	837	540	64.5	297	35.5
PALAYAN CITY	74	7	9.5	67	90.5
SAN JOSE CITY	661	242	36.6	419	63.4
<b>REGION 4</b>	<b>45,577</b>	<b>17,094</b>	<b>37.5</b>	<b>28,483</b>	<b>62.5</b>
AURORA	674	181	26.9	493	73.1
BATANGAS	6,037	1,730	28.7	4,307	71.3
CAVITE	5,388	2,319	43.0	3,069	57.0
LAGUNA	6,659	2,291	34.4	4,368	65.6
MARINDUQUE	1,282	438	34.2	844	65.8
MINDORO OCC.	1,152	443	38.5	709	61.5
MINDORO OR.	2,846	976	34.3	1,870	65.7
PALAWAN	1,189	494	41.5	695	58.5
QUEZON	7,572	2,313	30.5	5,259	69.5
RIZAL	4,619	1,989	43.1	2,630	56.9
ROMBLON	1,372	480	35.0	892	65.0
BATANGAS CITY	1,307	676	51.7	631	48.3
CAVITE CITY	670	502	74.9	168	25.1
LIPA CITY	1,105	385	34.8	720	65.2
LUCENA CITY	1,449	758	52.3	691	47.7
PUERTO PRINCESSA CITY	511	278	54.4	233	45.6
SAN PABLO CITY	1,302	546	41.9	756	58.1
TAGAYTAY CITY	102	13	12.7	89	87.3
TRECE MARTIRES CITY	341	282	82.7	59	17.3
<b>REGION 5</b>	<b>22,221</b>	<b>5,929</b>	<b>26.7</b>	<b>16,292</b>	<b>73.3</b>
ALBAY	4,682	1,075	23.0	3,607	77.0
CAMARINES NORTE	2,787	759	27.2	2,028	72.8
CAMARINES SUR	5,366	839	15.6	4,527	84.4
CATANDUANES	1,311	445	33.9	866	66.1
MASBATE	1,973	351	17.8	1,622	82.2
SORSOGON	3,320	1,014	30.5	2,306	69.5
IRIGA CITY	520	133	25.6	387	74.4
LEGASPI CITY	1,008	497	49.3	511	50.7
NAGA CITY	1,254	816	65.1	438	34.9
<b>REGION 6</b>	<b>31,557</b>	<b>9,713</b>	<b>30.8</b>	<b>21,844</b>	<b>69.2</b>
AKLAN	2,568	748	29.1	1,820	70.9
ANTIQUE	2,789	355	12.7	2,434	87.3
CAPIZ	2,457	336	13.7	2,121	86.3
ILOILO	7,649	1,963	25.7	5,686	74.3
NEGROS OCC.	5,790	1,262	21.8	4,528	78.2
GUIMARAS	312	49	15.7	263	84.3
BACOLOD CITY	3,496	2,029	58.0	1,467	42.0

TABLE 22

**MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

AREA	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
BAGO CITY	555	15	2.7	540	97.3
CADIZ CITY	494	112	22.7	382	77.3
ILOILO CITY	2,988	1,734	58.0	1,254	42.0
LA CARLOTA CITY	271	109	40.2	162	59.8
ROXAS CITY	933	488	52.3	445	47.7
SAN CARLOS CITY	637	228	35.8	409	64.2
SILAY CITY	618	285	46.1	333	53.9
<b>REGION 7</b>	<b>27,170</b>	<b>7,664</b>	<b>28.2</b>	<b>19,506</b>	<b>71.8</b>
BOHOL	4,920	815	16.6	4,105	83.4
CEBU	8,592	1,166	13.6	7,426	86.4
NEGROS OR.	2,413	493	20.4	1,920	79.6
SIQUJOR	573	115	20.1	458	79.9
BAIS CITY	5	1	20.0	4	80.0
CANLAON CITY	246	36	14.6	210	85.4
CEBU CITY	6,028	3,315	55.0	2,713	45.0
DANAO CITY	484	96	19.8	388	80.2
DUMAGUETE CITY	1,165	825	70.8	340	29.2
LAPU-LAPU CITY	801	95	11.9	706	88.1
MANDAWE CITY	726	124	17.1	602	82.9
TAGBILARAN CITY	681	463	68.0	218	32.0
TOLEDO CITY	536	120	22.4	416	77.6
<b>REGION 8</b>	<b>15,232</b>	<b>4,221</b>	<b>27.7</b>	<b>11,011</b>	<b>72.3</b>
LEYTE DEL NORTE	5,710	1,066	18.7	4,644	81.3
LEYTE DEL SUR	1,891	562	29.7	1,329	70.3
EASTERN SAMAR	670	204	30.4	466	69.6
NORTHERN SAMAR	2,774	908	32.7	1,866	67.3
WESTERN SAMAR	972	259	26.6	713	73.4
BILIRAN	456	72	15.8	384	84.2
CALBAYOG CITY	610	202	33.1	408	66.9
ORMOC CITY	723	299	41.4	424	58.6
TACLOBAN CITY	1,426	649	45.5	777	54.5
<b>REGION 9</b>	<b>8,521</b>	<b>3,088</b>	<b>36.2</b>	<b>5,433</b>	<b>63.8</b>
BASILAN	459	171	37.3	288	62.7
ZAMBO. DEL NORTE	1,480	291	19.7	1,189	80.3
ZAMBO. DEL SUR	2,562	714	27.9	1,848	72.1
DAPITAN CITY	393	188	47.8	205	52.2
DIPOLOG CITY	565	220	38.9	345	61.1
PAGADIAN CITY	456	245	53.7	211	46.3
ZAMBOANGA CITY	2,606	1,259	48.3	1,347	51.7

TABLE 22

**MORTALITY: BY ATTENDANCE, HEALTH REGION, PROVINCE & CITY**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

AREA	TOTAL DEATHS	ATTENDANCE			
		ATTENDED		NOT ATTENDED	
		NUMBER	PERCENT	NUMBER	PERCENT
<b>REGION 10</b>	<b>14,958</b>	<b>4,517</b>	<b>30.2</b>	<b>10,441</b>	<b>69.8</b>
AGUSAN DEL NORTE	992	238	24.0	754	76.0
AGUSAN DEL SUR	1,010	253	25.0	757	75.0
BUKIDNON	1,803	620	34.4	1,183	65.6
CAMIGUIN	391	143	36.6	248	63.4
MISAMIS OCC.	1,154	105	9.1	1,049	90.9
MISAMIS OR.	1,893	285	15.1	1,608	84.9
SURIGAO DEL NORTE	1,365	192	14.1	1,173	85.9
BUTUAN CITY	1,515	514	33.9	1,001	66.1
CAGAYAN DEL ORO	2,241	1,103	49.2	1,138	50.8
GINGOOG CITY	459	143	31.2	316	68.8
OROQUIETA CITY	459	247	53.8	212	46.2
OZAMIS CITY	736	300	40.8	436	59.2
SURIGAO CITY	664	292	44.0	372	56.0
TANGUB CITY	276	82	29.7	194	70.3
<b>REGION 11</b>	<b>18,225</b>	<b>5,868</b>	<b>32.2</b>	<b>12,357</b>	<b>67.8</b>
COTABATO SOUTH	2,159	761	35.2	1,398	64.8
DAVAO ORIENTAL	1,170	316	27.0	854	73.0
DAVAO DEL NORTE	4,257	1,146	26.9	3,111	73.1
DAVAO DEL SUR	2,064	498	24.1	1,566	75.9
SURIGAO DEL SUR	1,831	552	30.1	1,279	69.9
SARANGANI	528	90	17.0	438	83.0
DAVAO CITY	4,786	1,941	40.6	2,845	59.4
GEN. SANTOS CITY	1,430	564	39.4	866	60.6
<b>REGION 12</b>	<b>6,637</b>	<b>2,435</b>	<b>36.7</b>	<b>4,202</b>	<b>63.3</b>
LANAO DEL NORTE	1,060	342	32.3	718	67.7
NORTH COTABATO	2,084	710	34.1	1,374	65.9
SULTAN KUDARAT	1,272	355	27.9	917	72.1
COTABATO CITY	646	398	61.6	248	38.4
ILIGAN CITY	1,497	599	40.0	898	60.0
MARAWI CITY	78	31	39.7	47	60.3
<b>A.R.M.M.</b>	<b>1,361</b>	<b>606</b>	<b>44.5</b>	<b>755</b>	<b>55.5</b>
LANAO DEL SUR	174	27	15.5	147	84.5
MAGUINDANAO	471	25	5.3	446	94.7
SULU	643	525	81.6	118	18.4
TAWI-TAWI	73	29	39.7	44	60.3

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Cholera (001)	69	38	107	0.2
Typhoid & Paratyphoid fevers (002)	667	453	1120	1.7
Other salmonella infections (003)	10	5	15	0.0
Shigellosis and amoebiasis (Dysentery, All Forms) (004;006)	214	147	361	0.5
Other food poisoning (Bacterial) (005)	47	33	80	0.1
Other intestinal infectious diseases (007;008)	10	5	15	0.0
Diarrheas (009)	2327	1734	4061	6.1
Tuberculosis of the respiratory system (010-012)	15503	8240	23743	35.4
Tuberculosis of meninges & CNS (013)	338	231	569	0.8
Other tuberculosis, including late effects (014-018;137)	156	112	268	0.4
Plague (020)	0	0	0	0.0
Leprosy (030)	68	31	99	0.1
Diphtheria (032)	24	32	56	0.1
Whooping cough (033)	3	1	4	0.0
Streptococcal sore throat (034)	1	2	3	0.0
Meningococcal infection (036)	114	81	195	0.3
Tetanus (037)	704	304	1008	1.5
Septicemia (038)	2839	2370	5209	7.8
All other diseases caused by bacteria (021-027;031;035;039-041)	72	62	134	0.2
Acute poliomyelitis including late effects (045;138)	17	17	34	0.1
Smallpox (050)	0	0	0	0.0
Chickenpox (052)	2	29	31	0.0
Measles (055)	1537	1452	2989	4.5
Yellow Fever (060)	0	0	0	0.0
Dengue-hemorrhagic fever (061;065)	271	260	531	0.8
Arthropod-borne viral encephalitis including late effects (062-064;139)	8	10	18	0.0
Viral hepatitis (070)	693	341	1034	1.5
Rabies (071)	318	163	481	0.7
Other viral diseases (046-049;051-054;056;057;066;072-079)	170	91	261	0.4
Malaria (084)	564	247	811	1.2
Other arthropod-borne diseases (080-083;085-088)	8	11	19	0.0
Syphilis (090-097)	5	1	6	0.0
Gonococcal Infections (098)	0	0	0	0.0



**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	UNDER 1 YEAR				1 - 4 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	5	3	8	0.4	10	5	15	0.2
Typhoid & Paratyphoid fevers	14	6	20	1.0	27	15	42	0.6
Other salmonella infections	1	0	1	0.1	0	0	0	0.0
Shigellosis and amoebiasis (Dysentery, All Forms)	51	43	94	4.7	37	39	76	1.0
Other food poisoning (Bacterial)	1	2	3	0.2	10	12	22	0.3
Other intestinal infectious diseases	0	0	0	0.0	4	0	4	0.1
Diarrheas	861	674	1535	76.8	688	506	1194	16.3
Tuberculosis of the respiratory system	0	0	0	0.0	0	0	0	0.0
Tuberculosis of meninges & CNS	22	15	37	1.9	65	61	126	1.7
Other tuberculosis, including late effects	0	1	1	0.1	3	1	4	0.1
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	1	0	1	0.1	0	0	0	0.0
Diphtheria	3	6	9	0.5	14	16	30	0.4
Whooping cough	0	0	0	0.0	1	0	1	0.0
Streptococcal sore throat	1	0	1	0.1	0	1	1	0.0
Meningococcal infection	26	24	50	2.5	39	26	65	0.9
Tetanus	90	78	168	8.4	10	14	24	0.3
Septicemia	733	519	1252	62.6	318	231	549	7.5
All other diseases caused by bacteria	18	16	34	1.7	10	7	17	0.2
Acute poliomyelitis including late effects	0	1	1	0.1	0	0	0	0.0
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	0	8	8	0.4	0	10	10	0.1
Measles	436	329	765	38.3	835	781	1616	22.1
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	31	28	59	3.0	75	101	176	2.4
Arthropod-borne viral encephalitis including late effects	2	2	4	0.2	0	3	3	0.0
Viral hepatitis	50	23	73	3.7	23	19	42	0.6
Rabies	3	5	8	0.4	25	7	32	0.4
Other viral diseases	44	17	61	3.1	43	13	56	0.8
Malaria	18	11	29	1.5	21	18	39	0.5
Other arthropod-borne diseases	1	0	1	0.1	1	3	4	0.1
Syphilis	1	0	1	0.1	0	0	0	0.0
Gonococcal Infections	0	0	0	0.0	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	3	1	4	0.0	1	1	2	0.0
Typhoid & Paratyphoid fevers	38	44	82	1.0	48	42	90	1.2
Other salmonella infections	0	1	1	0.0	0	1	1	0.0
Shigellosis and amoebiasis (Dysentery, All Forms)	23	10	33	0.4	10	1	11	0.1
Other food poisoning (Bacterial)	4	5	9	0.1	5	1	6	0.1
Other intestinal infectious diseases	0	2	2	0.0	0	1	1	0.0
Diarrheas	160	88	248	3.0	50	26	76	1.0
Tuberculosis of the respiratory system	0	0	0	0.0	0	0	0	0.0
Tuberculosis of meninges & CNS	52	30	82	1.0	29	15	45	0.6
Other tuberculosis, including late effects	2	4	6	0.1	4	0	4	0.1
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	1	1	2	0.0	0	0	0	0.0
Diphtheria	3	6	9	0.1	1	1	2	0.0
Whooping cough	0	0	0	0.0	0	0	0	0.0
Streptococcal sore throat	0	0	0	0.0	0	0	0	0.0
Meningococcal infection	14	12	26	0.3	9	5	14	0.2
Tetanus	65	35	100	1.2	82	27	109	1.4
Septicemia	91	90	181	2.2	69	52	121	1.5
All other diseases caused by bacteria	2	7	9	0.1	5	1	6	0.1
Acute poliomyelitis including late effects	3	3	6	0.1	2	4	6	0.1
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	0	2	2	0.0	0	2	2	0.0
Measles	205	264	469	5.7	37	50	87	1.1
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	33	89	172	2.1	33	17	50	0.6
Arthropod-borne viral encephalitis including late effects	2	0	2	0.0	1	0	1	0.0
Viral hepatitis	13	11	24	0.3	21	14	35	0.4
Rabies	65	24	89	1.1	35	20	55	0.7
Other viral diseases	18	12	30	0.4	9	13	22	0.3
Malaria	17	19	36	0.4	20	19	39	0.5
Other arthropod-borne diseases	0	3	3	0.0	1	0	1	0.0
Syphilis	0	0	0	0.0	0	0	0	0.0
Gonococcal Infections	0	0	0	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	2	0	2	0.0	4	0	4	0.1
Typhoid & Paratyphoid fevers	82	65	147	2.1	73	47	120	1.9
Other salmonella infections	0	0	0	0.0	1	0	1	0.0
Shigellosis and amoebiasis (Dysentery, All Forms)	4	1	5	0.1	3	8	11	0.2
Other food poisoning (Bacterial)	4	1	5	0.1	3	3	6	0.1
Other intestinal infectious diseases	1	0	1	0.0	2	1	3	0.0
Diarrheas	36	21	57	0.8	28	18	46	0.7
Tuberculosis of the respiratory system	234	215	449	6.3	321	203	524	8.4
Tuberculosis of meninges & CNS	32	24	56	0.8	18	17	35	0.6
Other tuberculosis, including late effects	9	6	15	0.2	11	7	18	0.3
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	2	2	4	0.1	0	1	1	0.0
Diphtheria	0	0	0	0.0	1	0	1	0.0
Whooping cough	0	0	0	0.0	0	0	0	0.0
Streptococcal sore throat	0	0	0	0.0	0	0	0	0.0
Meningococcal infection	6	2	8	0.1	3	2	5	0.1
Tetanus	65	19	84	1.2	48	10	58	0.9
Septicemia	84	68	152	2.1	87	73	160	2.6
All other diseases caused by bacteria	3	1	4	0.1	2	0	2	0.0
Acute poliomyelitis including late effects	3	1	4	0.1	2	3	5	0.1
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	0	0	0	0.0	0	1	1	0.0
Measles	10	9	19	0.3	3	7	10	0.2
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	11	7	18	0.3	8	5	13	0.2
Arthropod-borne viral encephalitis including late effects	0	0	0	0.0	0	1	1	0.0
Viral hepatitis	32	8	40	0.6	29	17	46	0.7
Rabies	14	9	23	0.3	13	4	17	0.3
Other viral diseases	6	6	12	0.2	4	2	6	0.1
Malaria	29	17	46	0.6	48	21	69	1.1
Other arthropod-borne diseases	0	0	0	0.0	0	0	0	0.0
Syphilis	0	0	0	0.0	0	0	0	0.0
Gonococcal Infections	0	0	0	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	2	2	4	0.1	3	0	3	0.1
Typhoid & Paratyphoid fevers	56	46	102	1.8	59	37	96	2.0
Other salmonella infections	1	1	2	0.0	2	0	2	0.0
Shigellosis and amoebiasis (Dysentery, All Forms)	7	3	10	0.2	5	0	5	0.1
Other food poisoning (Bacterial)	3	2	5	0.1	2	1	3	0.1
Other intestinal infectious diseases	0	0	0	0.0	1	0	1	0.0
Diarrheas	22	20	42	0.8	24	17	41	0.8
Tuberculosis of the respiratory system	499	303	802	14.4	611	347	958	19.7
Tuberculosis of meninges & CNS	19	13	32	0.6	18	13	31	0.6
Other tuberculosis, including late effects	10	8	18	0.3	8	9	17	0.3
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	2	0	2	0.0	2	1	3	0.1
Diphtheria	1	1	2	0.0	1	1	2	0.0
Whooping cough	0	0	0	0.0	0	0	0	0.0
Streptococcal sore throat	0	0	0	0.0	0	0	0	0.0
Meningococcal infection	1	0	1	0.0	5	2	7	0.1
Tetanus	37	6	43	0.8	49	13	62	1.3
Septicemia	82	89	171	3.1	86	90	176	3.6
All other diseases caused by bacteria	2	9	11	0.2	3	1	4	0.1
Acute poliomyelitis including late effects	1	1	2	0.0	1	0	1	0.0
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	0	2	2	0.0	0	1	1	0.0
Measles	0	1	1	0.0	2	1	3	0.1
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	5	1	6	0.1	8	4	12	0.2
Arthropod-borne viral encephalitis including late effects	0	0	0	0.0	1	0	1	0.0
Viral hepatitis	41	20	61	1.1	46	23	69	1.4
Rabies	17	7	24	0.4	26	11	37	0.8
Other viral diseases	4	4	8	0.1	6	2	8	0.2
Malaria	54	23	77	1.4	51	15	66	1.4
Other arthropod-borne diseases	0	2	2	0.0	0	0	0	0.0
Syphilis	0	0	0	0.0	0	0	0	0.0
Gonococcal Infections	0	0	0	0.0	0	0	0	0.0

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CAUSE	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	1	0	1	0.0	4	2	6	0.2
Typhoid & Paratyphoid fevers	45	28	73	1.8	45	19	64	1.9
Other salmonella infections	0	0	0	0.0	0	0	0	0.0
Shigellosis and amoebiasis (Dysentery, All Forms)	5	2	7	0.2	5	4	9	0.3
Other food poisoning (Bacterial)	1	0	1	0.0	1	1	2	0.1
Other intestinal infectious diseases	0	0	0	0.0	0	0	0	0.0
Diarrhea	28	12	40	1.0	31	10	41	1.2
Tuberculosis of the respiratory system	812	418	1230	29.6	1003	452	1455	43.3
Tuberculosis of meninges & CNS	14	11	25	0.6	18	7	25	0.7
Other tuberculosis, including late effects	5	7	12	0.3	11	7	18	0.5
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	4	1	5	0.1	6	1	7	0.2
Diphtheria	0	0	0	0.0	0	0	0	0.0
Whooping cough	0	0	0	0.0	0	0	0	0.0
Streptococcal sore throat	0	0	0	0.0	0	0	0	0.0
Meningococcal infection	1	0	1	0.0	1	2	3	0.1
Tetanus	34	9	43	1.0	36	9	45	1.3
Septicemia	83	78	161	3.9	92	69	161	4.8
All other diseases caused by bacteria	5	2	7	0.2	4	1	5	0.1
Acute poliomyelitis including late effects	1	1	2	0.0	0	0	0	0.0
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	0	0	0	0.0	0	0	0	0.0
Measles	1	2	3	0.1	1	2	3	0.1
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	4	0	4	0.1	4	0	4	0.1
Arthropod-borne viral encephalitis including late effects	0	1	1	0.0	0	0	0	0.0
Viral hepatitis	57	26	83	2.0	70	18	88	2.6
Rabies	13	9	22	0.5	24	8	32	1.0
Other viral diseases	2	1	3	0.1	7	5	12	0.4
Malaria	76	19	95	2.3	50	9	59	1.8
Other arthropod-borne diseases	1	1	2	0.0	0	1	1	0.0
Syphilis	1	0	1	0.0	0	0	0	0.0
Gonococcal infections	0	0	0	0.0	0	0	0	0.0

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CAUSE	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	1	4	5	0.2	8	3	11	0.5
Typhoid & Paratyphoid fevers	36	14	50	1.9	30	17	47	2.2
Other salmonella infections	0	0	0	0.0	2	0	2	0.1
Shigellosis and amoebiasis (Dysentery, All Forms)	5	1	6	0.2	10	6	16	0.8
Other food poisoning (Bacterial)	0	0	0	0.0	4	1	5	0.2
Other intestinal infectious diseases	0	0	0	0.0	0	0	0	0.0
Diarrheas	32	16	48	1.8	30	18	48	2.3
Tuberculosis of the respiratory system	1255	476	1731	65.8	1569	570	2139	101.2
Tuberculosis of meninges & CNS	9	7	16	0.6	13	1	14	0.7
Other tuberculosis, including late effects	8	9	17	0.6	14	15	29	1.4
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	5	1	6	0.2	8	1	9	0.4
Diphtheria	0	0	0	0.0	0	0	0	0.0
Whooping cough	0	0	0	0.0	1	0	1	0.0
Streptococcal sore throat	0	0	0	0.0	0	0	0	0.0
Meningococcal infection	2	1	3	0.1	0	1	1	0.0
Tetanus	31	7	38	1.4	29	12	41	1.9
Septicemia	83	64	147	5.6	127	75	202	9.6
All other diseases caused by bacteria	0	1	1	0.0	3	1	4	0.2
Acute poliomyelitis including late effects	0	0	0	0.0	0	0	0	0.0
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	0	0	0	0.0	0	1	1	0.0
Measles	1	1	2	0.1	1	0	1	0.0
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	1	0	1	0.0	2	3	5	0.2
Arthropod-borne viral encephalitis including late effects	0	2	2	0.1	0	1	1	0.0
Viral hepatitis	65	23	88	3.3	44	21	65	3.1
Rabies	11	5	16	0.6	16	19	35	1.7
Other viral diseases	3	0	3	0.1	7	3	10	0.5
Malaria	39	10	49	1.9	36	8	44	2.1
Other arthropod-borne diseases	0	0	0	0.0	0	0	0	0.0
Syphilis	1	0	1	0.0	0	0	0	0.0
Gonococcal Infections	0	0	0	0.0	0	0	0	0.0

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CAUSE	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	3	2	5	0.3	6	3	9	0.7
Typhoid & Paratyphoid fever	32	19	51	3.0	19	18	37	2.8
Other salmonella infections	0	0	0	0.0	0	0	0	0.0
Shigellosis and amebiasis (Dysentery, All Forms)	6	3	9	0.5	9	2	11	0.8
Other food poisoning (Bacterial)	2	2	4	0.2	1	0	1	0.1
Other intestinal infectious diseases	1	0	1	0.1	0	0	0	0.0
Diarrhea	46	24	70	4.1	53	41	94	7.1
Tuberculosis of the respiratory system	1636	718	2354	137.7	1879	854	2733	205.6
Tuberculosis of meninges & CNS	10	2	12	0.7	6	2	8	0.6
Other tuberculosis, including late effects	18	9	27	1.6	16	6	22	1.7
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	4	3	7	0.4	6	2	8	0.6
Diphtheria	0	1	1	0.1	0	0	0	0.0
Whooping cough	1	0	1	0.1	0	1	1	0.1
Streptococcal sore throat	0	0	0	0.0	0	0	0	0.0
Meningococcal infection	3	2	5	0.3	2	1	3	0.2
Tetanus	29	12	41	2.4	26	14	40	3.0
Septicemia	125	82	207	12.1	128	96	224	16.9
All other diseases caused by bacteria	1	2	3	0.2	9	5	15	1.1
Acute poliomyelitis including late effects	1	1	2	0.1	2	0	2	0.2
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	2	0	2	0.1	0	0	0	0.0
Measles	1	1	2	0.1	0	0	0	0.0
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	1	0	1	0.1	0	1	1	0.1
Arthropod-borne viral encephalitis including late effects	1	0	1	0.1	0	0	0	0.0
Viral hepatitis	61	26	87	5.1	49	21	70	5.3
Rabies	15	9	24	1.4	14	12	26	2.0
Other viral diseases	2	2	4	0.2	4	1	5	0.4
Malaria	32	12	44	2.6	27	17	44	3.3
Other arthropod-borne diseases	1	0	1	0.1	0	0	0	0.0
Syphilis	0	0	0	0.0	1	0	1	0.1
Gonococcal infections	0	0	0	0.0	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
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CAUSE	65 - 69 YEARS				70 YRS. & OVER			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholera	6	4	10	1.0	9	8	17	1.1
Typhoid & Paratyphoid fevers	16	10	26	2.6	45	25	70	4.5
Other salmonella infections	0	0	0	0.0	3	2	5	0.3
Shigellosis and amoebiasis (Dysentery, All Forms)	8	6	14	1.4	24	18	42	2.7
Other food poisoning (Bacterial)	2	0	2	0.2	3	2	5	0.3
Other intestinal infectious diseases	0	0	0	0.0	1	1	2	0.1
Diarrheas	56	47	103	10.3	176	195	371	23.8
Tuberculosis of the respiratory system	1789	888	2677	268.4	3857	2765	6622	425.6
Tuberculosis of meninges & CNS	3	4	7	0.7	9	8	17	1.1
Other tuberculosis, including late effects	15	5	20	2.0	22	18	40	2.6
Plague	0	0	0	0.0	0	0	0	0.0
Leprosy	8	7	15	1.5	18	10	28	1.8
Diphtheria	0	0	0	0.0	0	0	0	0.0
Whooping cough	0	0	0	0.0	0	0	0	0.0
Streptococcal sore throat	0	0	0	0.0	0	1	1	0.1
Meningococcal infection	0	0	0	0.0	2	1	3	0.2
Tetanus	19	8	27	2.7	54	31	85	5.5
Septicemia	128	118	246	24.7	516	564	1080	69.4
All other diseases caused by bacteria	1	3	4	0.4	4	4	8	0.5
Acute poliomyelitis including late effects	1	0	1	0.1	0	2	2	0.1
Smallpox	0	0	0	0.0	0	0	0	0.0
Chickenpox	0	2	2	0.2	0	0	0	0.0
Measles	1	0	1	0.1	1	3	4	0.3
Yellow Fever	0	0	0	0.0	0	0	0	0.0
Dengue-hemorrhagic fever	1	2	3	0.3	2	2	4	0.3
Arthropod-borne viral encephalitis including late effects	0	0	0	0.0	0	0	0	0.0
Viral hepatitis	29	23	52	5.2	60	46	106	6.8
Rabies	7	6	13	1.3	20	18	38	2.4
Other viral diseases	3	0	3	0.3	8	10	18	1.2
Malaria	20	12	32	3.2	24	16	40	2.6
Other arthropod-borne diseases	1	0	1	0.1	2	0	2	0.1
Syphilis	0	0	0	0.0	1	1	2	0.1
Gonococcal infections	0	0	0	0.0	0	0	0	0.0



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CAUSE	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Cholera (001)	1	0	1	0.0
Typhoid & Paratyphoid fevers (002)	2	1	3	0.0
Other salmonella infections (003)	0	0	0	0.0
Shigellosis and amoebiasis				
(Dysentery, All Forms) (004;006)	2	1	3	0.0
Other food poisoning (Bacterial) (005)	1	0	1	0.0
Other intestinal infectious diseases (007;008)	6	1	7	0.0
Diarrheas (009)	0	0	0	0.0
Tuberculosis of the respiratory system (010-012)	38	31	69	0.1
Tuberculosis of meninges & CNS (013)	1	0	1	0.0
Other tuberculosis, including late effects				
(014-018;137)	0	0	0	0.0
Plague (020)	0	0	0	0.0
Leprosy (030)	0	0	0	0.0
Diphtheria (032)	0	0	0	0.0
Whooping cough (033)	0	0	0	0.0
Streptococcal sore throat (034)	0	0	0	0.0
Meningococcal infection (036)	0	0	0	0.0
Tetanus (037)	0	0	0	0.0
Septicemia (038)	7	12	19	0.0
All other diseases caused by bacteria				
(021-027;031;035;039-041)	0	0	0	0.0
Acute poliomyelitis including late effects				
(045;138)	0	0	0	0.0
Smallpox (050)	0	0	0	0.0
Chickenpox (052)	0	0	0	0.0
Measles (055)	2	1	3	0.0
Yellow Fever (060)	0	0	0	0.0
Dengue-hemorrhagic fever (061;065)	2	0	2	0.0
Arthropod-borne viral encephalitis including				
late effects (062-064;139)	0	0	0	0.0
Viral hepatitis (070)	3	2	5	0.0
Rabies (071)	0	0	0	0.0
Other viral diseases				
(046-049;051-054;056;057;066;072-079)	0	0	0	0.0
Malaria (084)	2	1	3	0.0
Other arthropod-borne diseases				
(080-083;085-088)	0	0	0	0.0
Syphilis (090-097)	0	0	0	0.0
Gonococcal Infections (098)				
Other intestinal infectious diseases	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
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CAUSE	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis (120)	192	66	258	0.4
Filariasis (125)	3	0	3	0.0
Other helminthiasis (121-124;126-129)	116	81	197	0.3
Other infectious and parasitic diseases (099;100-104;110-118;130-136)	200	94	294	0.4
Malignant neoplasms of:				
lip, oral cavity and pharynx (140-149)	900	560	1460	2.2
esophagus (150)	232	111	343	0.5
stomach (151)	727	539	1266	1.9
small intestine including duodenum (152)	176	148	324	0.5
colon (153)	514	395	909	1.4
rectum, rectosigmoid junction and anus (154)	198	160	358	0.5
larynx (161)	179	51	230	0.3
trachea, bronchus, lung and pleura (162;163)	3001	1102	4103	6.1
bone and articular cartilage (170)	552	418	970	1.4
skin (172;173)	69	65	134	0.2
female breast (174)	0	2047	2047	3.1
cervix uteri (180)	0	535	535	0.8
uterus (179;181-182)	0	974	974	1.5
other female genital organs (183-184)	0	486	486	0.7
prostate (185)	564	0	564	0.8
other and unspecified sites (155-160;164;165;171;175;186-199)	5218	2990	8208	12.3
lymphatic tissue (200-203)	325	209	534	0.8
Leukemia (204-208)	929	842	1771	2.6
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior and of unspecified nature (210-239)	78	105	183	0.3
Diabetes mellitus (250)	2236	2551	4787	7.1
Kwashiorkor (260)	57	37	94	0.1
Nutritional marasmus (261)	69	54	123	0.2
Other protein calorie malnutrition (262)	438	453	891	1.3
Other nutritional deficiencies (263-269)	1152	1003	2155	3.2
Goiter, thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders (240-246;251-259;270-279)	1449	1203	2652	4.0
Anemias (280-285)	1198	1152	2350	3.5
Other diseases of blood-forming organs (286-289)	343	294	637	1.0

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CAUSE	UNDER 1 YEAR				1-4 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	2	0	2	0.1	1	1	2	0.0
Filariasis	0	0	0	0.0	0	0	0	0.0
Other helminthiasis	7	3	10	0.5	55	52	107	1.5
Other infectious and parasitic diseases	28	10	38	1.9	26	20	46	0.6
Malignant neoplasms of:								
lip, oral cavity and pharynx	2	1	3	0.2	4	2	6	0.1
esophagus	2	2	4	0.2	1	0	1	0.0
stomach	5	2	7	0.4	7	1	8	0.1
small intestine including duodenum	2	0	2	0.1	2	0	2	0.0
colon	0	0	0	0.0	0	0	0	0.0
rectum, rectosigmoid junction and anus	1	0	1	0.1	2	2	4	0.1
larynx	0	1	1	0.1	0	1	1	0.0
trachea, bronchus, lung & pleura	4	1	5	0.3	4	3	7	0.1
bone and articular cartilage	0	1	1	0.1	3	3	6	0.1
skin	0	2	2	0.1	2	0	2	0.0
female breast	0	0	0	0.0	0	0	0	0.0
cervix uteri	0	0	0	0.0	0	0	0	0.0
uterus	0	0	0	0.0	0	0	0	0.0
other female genital organs	0	0	0	0.0	0	0	0	0.0
prostate	0	0	0	0.0	0	0	0	0.0
other and unspecified sites	34	14	48	2.4	61	49	110	1.5
lymphatic tissue	4	2	6	0.3	10	2	12	0.2
Leukemia	13	8	21	1.1	93	56	149	2.0
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	6	2	8	0.4	1	1	2	0.0
Diabetes mellitus	6	9	15	0.8	2	8	10	0.1
Kwashiorkor	19	7	26	1.3	32	27	59	0.8
Nutritional marasmus	19	15	34	1.7	28	16	44	0.6
Other protein calorie malnutrition	116	75	191	9.6	125	151	276	3.8
Other nutritional deficiencies	368	306	674	33.7	194	187	381	5.2
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	407	254	661	33.1	281	196	477	6.5
Anemias	65	55	120	6.0	52	51	103	1.4
Other diseases of blood-forming organs	99	66	165	8.3	31	28	59	0.8

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
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CAUSE	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	2	1	3	0.0	3	0	3	0.0
Filariasis	0	0	0	0.0	0	0	0	0.0
Other helminthiasis	26	13	39	0.5	7	6	13	0.2
Other infectious and parasitic diseases	16	14	30	0.4	3	7	10	0.1
Malignant neoplasms of:								
lip, oral cavity and pharynx	3	1	4	0.0	3	5	8	0.1
esophagus	0	1	1	0.0	0	0	0	0.0
stomach	4	1	5	0.1	1	0	1	0.0
small intestine including duodenum	0	0	0	0.0	1	1	2	0.0
colon	1	0	1	0.0	0	1	1	0.0
rectum, rectosigmoid junction and anus	1	0	1	0.0	0	0	0	0.0
larynx	0	0	0	0.0	0	0	0	0.0
trachea, bronchus, lung & pleura	4	2	6	0.1	1	0	1	0.0
bone and articular cartilage	6	6	12	0.1	18	17	35	0.4
skin	0	0	0	0.0	0	0	0	0.0
female breast	0	0	0	0.0	0	3	3	0.0
cervix uteri	0	0	0	0.0	0	7	7	0.1
uterus	0	0	0	0.0	0	1	1	0.0
other female genital organs	0	0	0	0.0	0	7	7	0.1
prostate	0	0	0	0.0	2	0	2	0.0
other and unspecified sites	42	31	73	0.9	57	41	98	1.3
lymphatic tissue	9	2	11	0.1	11	5	16	0.2
Leukemia	91	80	171	2.1	82	68	150	1.9
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	2	2	4	0.0	1	5	6	0.1
Diabetes mellitus	3	6	9	0.1	1	6	7	0.1
Kwashiorkor	4	2	6	0.1	0	0	0	0.0
Nutritional marasmus	6	2	8	0.1	4	2	6	0.1
Other protein calorie malnutrition	33	40	73	0.9	19	8	27	0.3
Other nutritional deficiencies	49	38	87	1.1	13	9	22	0.3
Gout, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	78	47	125	1.5	34	28	62	0.8
Anemias	57	38	95	1.2	43	34	79	1.0
Other diseases of blood-forming organs	28	18	46	0.6	16	16	32	0.4

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CAUSE	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	4	1	5	0.1	8	6	14	0.2
Filariasis	0	0	0	0.0	0	0	0	0.0
Other helminthiasis	2	0	2	0.0	1	1	2	0.0
Other infectious and parasitic diseases	8	2	10	0.1	14	3	17	0.3
Malignant neoplasms of:								
lip, oral cavity and pharynx	6	5	11	0.2	8	5	13	0.2
esophagus	0	0	0	0.0	3	0	3	0.0
stomach	4	2	6	0.1	1	6	7	0.1
small intestine including duodenum	3	0	3	0.0	0	2	2	0.0
colon	6	1	7	0.1	12	5	17	0.3
rectum, rectosigmoid junction and anus	0	0	0	0.0	3	4	7	0.1
larynx	0	1	1	0.0	1	2	3	0.0
trachea, bronchus, lung & pleura	16	5	21	0.3	18	8	26	0.4
bone and articular cartilage	40	28	68	1.0	25	10	35	0.6
skin	2	1	3	0.0	0	3	3	0.0
female breast	0	2	2	0.0	0	10	10	0.2
cervix uteri	0	2	2	0.0	0	4	4	0.1
uterus	0	6	6	0.1	0	23	23	0.4
other female genital organs	0	9	9	0.1	0	13	13	0.2
prostate	0	0	0	0.0	3	0	3	0.0
other and unspecified sites	57	60	117	1.7	103	75	178	2.8
lymphatic tissue	8	7	15	0.2	10	7	17	0.3
Leukemia	88	77	165	2.3	56	44	100	1.6
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	2	4	6	0.1	1	3	4	0.1
Diabetes mellitus	8	5	13	0.2	8	15	23	0.4
Kwashiorkor	0	0	0	0.0	0	0	0	0.0
Nutritional marasmus	0	0	0	0.0	0	0	0	0.0
Other protein calorie malnutrition	12	2	14	0.2	6	4	10	0.2
Other nutritional deficiencies	16	6	22	0.3	6	8	14	0.2
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	14	21	35	0.5	34	26	60	1.0
Anemias	53	36	89	1.3	41	56	97	1.6
Other diseases of blood-forming organs	20	22	42	0.6	21	17	38	0.6

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	6	9	15	0.3	15	4	19	0.4
Filariasis	0	0	0	0.0	0	0	0	0.0
Other helminthiasis	1	1	2	0.0	0	2	2	0.0
Other infectious and parasitic diseases	15	5	20	0.4	6	1	7	0.1
Malignant neoplasms of:								
lip, oral cavity and pharynx	12	5	17	0.3	20	10	30	0.6
esophagus	2	4	6	0.1	5	2	7	0.1
stomach	6	11	17	0.3	21	11	32	0.7
small intestine including duodenum	8	3	11	0.2	8	4	12	0.2
colon	9	5	14	0.3	18	7	25	0.5
rectum, rectosigmoid junction and anus	9	3	12	0.2	4	7	11	0.2
larynx	0	2	2	0.0	3	1	4	0.1
trachea, bronchus, lung & pleura	21	12	33	0.6	41	20	61	1.3
bone and articular cartilage	19	18	37	0.7	12	14	26	0.5
skin	1	3	4	0.1	3	0	3	0.1
female breast	0	19	19	0.3	0	79	79	1.6
cervix uteri	0	12	12	0.2	0	22	22	0.5
uterus	0	27	27	0.5	0	54	54	1.1
other female genital organs	0	15	15	0.3	0	21	21	0.4
prostate	0	0	0	0.0	1	0	1	0.0
other and unspecified sites	136	93	229	4.1	245	99	344	7.1
lymphatic tissue	10	3	13	0.2	17	10	27	0.6
Leukemia	41	63	104	1.9	50	54	104	2.1
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	1	5	6	0.1	2	3	5	0.1
Diabetes mellitus	12	17	29	0.5	42	15	57	1.2
Kwashiorkor	0	0	0	0.0	1	0	1	0.0
Nutritional marasmus	0	0	0	0.0	0	0	0	0.0
Other protein caloric malnutrition	3	3	6	0.1	3	4	7	0.1
Other nutritional deficiencies	16	14	30	0.5	10	7	17	0.3
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	32	26	58	1.0	36	27	63	1.3
Anemias	38	52	90	1.6	33	54	87	1.8
Other diseases of blood-forming organs	13	13	26	0.5	14	19	33	0.7

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	27	5	32	0.8	21	5	26	0.8
Filariasis	1	0	1	0.0	0	0	0	0.0
Other helminthiasis	2	1	3	0.1	2	0	2	0.1
Other infectious and parasitic diseases	11	1	12	0.3	14	3	17	0.5
Malignant neoplasms of:								
lip, oral cavity and pharynx	30	15	45	1.1	49	21	70	2.1
esophagus	6	4	10	0.2	9	6	15	0.4
stomach	34	21	55	1.3	38	24	62	1.8
small intestine including duodenum	9	5	14	0.3	1	9	10	0.3
colon	18	12	30	0.7	33	10	43	1.3
rectum, rectosigmoid junction and anus	11	4	15	0.4	14	11	25	0.7
larynx	2	2	4	0.1	9	0	9	0.3
trachea, bronchus, lung & pleura	81	34	115	2.8	139	50	189	5.6
bone and articular cartilage	27	19	46	1.1	27	29	56	1.7
skin	2	2	4	0.1	4	1	5	0.1
female breast	0	167	167	4.0	0	266	266	7.9
cervix uteri	0	52	52	1.3	0	60	60	1.8
uterus	0	68	68	1.6	0	95	95	2.8
other female genital organs	0	27	27	0.7	0	51	51	1.5
prostate	2	0	2	0.0	11	0	11	0.3
other and unspecified sites	321	155	476	11.5	438	188	626	18.6
lymphatic tissue	18	9	27	0.7	23	18	41	1.2
Leukemia	42	45	87	2.1	46	57	103	3.1
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	4	7	11	0.3	3	9	12	0.4
Diabetes mellitus	69	31	100	2.4	123	56	179	5.3
Kwashiorkor	0	0	0	0.0	1	0	1	0.0
Nutritional marasmus	0	0	0	0.0	0	0	0	0.0
Other protein calorie malnutrition	5	9	14	0.3	6	2	8	0.2
Other nutritional deficiencies	12	9	21	0.5	17	10	27	0.8
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	32	34	66	1.6	29	28	57	1.7
Anemias	41	48	89	2.1	32	47	79	2.3
Other diseases of blood-forming organs	13	13	26	0.6	13	17	30	0.9

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	16	6	22	0.8	7	8	15	0.7
Filariasis	1	0	1	0.0	1	0	1	0.0
Other helminthiasis	0	0	0	0.0	0	1	1	0.0
Other infectious and parasitic diseases	5	5	10	0.4	9	5	14	0.7
Malignant neoplasms of:								
lip, oral cavity and pharynx	89	32	121	4.6	76	43	119	5.6
esophagus	23	8	31	1.2	19	8	27	1.3
stomach	46	41	87	3.3	73	56	129	6.1
small intestine including duodenum	15	9	24	0.9	23	17	40	1.9
colon	34	31	65	2.5	44	26	70	3.3
rectum, rectosigmoid junction and anus	9	12	21	0.8	15	10	25	1.2
larynx	16	3	19	0.7	24	4	28	1.3
trachea, bronchus, lung & pleura	254	91	345	13.1	340	123	463	21.9
bone and articular cartilage	35	36	71	2.7	63	38	101	4.8
skin	4	2	6	0.2	9	7	16	0.8
female breast	0	275	275	10.4	0	300	300	14.2
cervix uteri	0	73	73	2.8	0	62	62	2.9
uterus	0	123	123	4.7	0	101	101	4.8
other female genital organs	0	54	54	2.1	0	58	58	2.7
prostate	8	0	8	0.3	30	0	30	1.4
other and unspecified sites	514	206	720	27.4	603	255	858	40.6
lymphatic tissue	19	11	30	1.1	27	19	46	2.2
Leukemia	34	48	82	3.1	57	39	96	4.5
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	3	5	8	0.3	4	6	10	0.5
Diabetes mellitus	173	80	253	9.6	193	180	373	17.6
Kwashiorkor	0	0	0	0.0	0	1	1	0.0
Nutritional marasmus	0	0	0	0.0	2	0	2	0.1
Other protein caloric malnutrition	5	6	11	0.4	6	5	11	0.5
Other nutritional deficiencies	18	9	27	1.0	22	10	32	1.5
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	48	33	81	3.1	40	32	72	3.4
Anemias	50	29	79	3.0	56	57	113	5.3
Other diseases of blood-forming organs	12	9	21	0.8	9	5	14	0.7



**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	24	6	30	1.8	21	4	25	1.9
Filariasis	0	0	0	0.0	0	0	0	0.0
Other helminthiasis	0	0	0	0.0	2	0	2	0.2
Other infectious and parasitic diseases	4	3	7	0.4	10	2	12	0.9
Malignant neoplasms of:								
lip, oral cavity and pharynx	107	63	170	9.9	115	56	171	12.9
esophagus	43	11	54	3.2	27	12	39	2.9
stomach	85	59	144	8.4	91	47	138	10.4
small intestine including duodenum	19	12	31	1.8	22	19	41	3.1
colon	63	39	102	6.0	57	44	101	7.6
rectum, rectosigmoid junction and anus	25	23	48	2.8	27	16	43	3.2
larynx	25	5	30	1.8	28	11	39	2.9
trachea, bronchus, lung & pleura	443	134	579	33.9	514	157	671	50.5
bone and articular cartilage	52	28	80	4.7	68	39	107	8.0
skin	4	3	7	0.4	6	7	13	1.0
female breast	0	256	256	15.0	0	196	196	14.7
cervix uteri	0	54	54	3.2	0	69	69	5.2
uterus	0	110	110	6.4	0	98	98	7.4
other female genital organs	0	51	51	3.0	0	45	45	3.4
prostate	23	0	23	1.3	64	0	64	4.8
other and unspecified sites	608	288	896	52.4	539	386	925	69.6
lymphatic tissue	35	22	57	3.3	34	23	57	4.3
Leukemia	52	35	87	5.1	47	59	106	8.0
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	4	9	13	0.8	3	3	6	0.5
Diabetes mellitus	282	253	535	31.3	291	349	640	48.1
Kwashiorkor	0	0	0	0.0	0	0	0	0.0
Nutritional marasmus	1	0	1	0.1	1	1	2	0.2
Other protein calorie malnutrition	7	4	11	0.6	10	8	18	1.4
Other nutritional deficiencies	25	13	38	2.2	45	20	65	4.9
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	54	32	86	5.0	36	49	85	6.4
Anemias	62	44	106	6.2	80	69	149	11.2
Other diseases of blood-forming organs	10	12	22	1.3	9	8	17	1.3

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	65 - 69 YEARS				70 YRS. & OVER			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis	18	5	23	2.3	17	5	22	1.4
Filariasis	0	0	0	0.0	0	0	0	0.0
Other helminthiasis	1	0	1	0.1	10	1	11	0.7
Other infectious and parasitic diseases	10	3	13	1.3	21	10	31	2.0
Malignant neoplasms of:								
lip, oral cavity and pharynx	121	75	196	19.6	251	219	470	30.2
esophagus	28	14	42	4.2	63	38	101	6.5
stomach	97	56	153	15.3	212	199	411	26.4
small intestine including duodenum	21	13	34	3.4	42	54	96	6.2
colon	64	61	125	12.5	154	152	306	19.7
rectum, rectosigmoid junction and anus	23	18	41	4.1	54	50	104	6.7
larynx	28	4	32	3.2	43	13	56	3.6
trachea, bronchus, lung & pleura	447	150	597	59.8	665	309	974	62.6
bone and articular cartilage	59	38	97	9.7	96	93	189	12.1
skin	8	7	15	1.5	24	27	51	3.3
female breast	0	158	158	15.8	0	311	311	20.0
cervix uteri	0	45	45	4.5	0	71	71	4.6
uterus	0	86	86	8.6	0	178	178	11.4
other female genital organs	0	51	51	5.1	0	81	81	5.2
prostate	72	0	72	7.2	348	0	348	22.4
other and unspecified sites	518	295	813	81.5	927	745	1672	107.4
lymphatic tissue	28	21	49	4.9	61	47	108	6.9
Leukemia	37	41	98	9.8	79	67	146	9.4
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior & of unspecified nature	9	15	24	2.4	31	26	57	3.7
Diabetes mellitus	281	405	686	68.8	738	1103	1841	118.3
Kwashiorkor	0	0	0	0.0	0	0	0	0.0
Nutritional marasmus	0	0	0	0.0	7	18	25	1.6
Other protein calorie malnutrition	7	6	13	1.3	74	124	198	12.7
Other nutritional deficiencies	40	20	60	6.0	307	337	644	41.4
Goiter, thyrotoxicosis, hypothyroidism & other endocrine & metabolic disorders	41	42	83	8.3	247	322	569	36.6
Anemias	91	75	166	16.6	400	404	804	51.7
Other diseases of blood-forming organs	13	11	24	2.4	21	19	40	2.6

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Schistosomiasis (120)	0	0	0	0.0
Filariasis (125)	0	0	0	0.0
Other helminthiasis (121-124;126-129)	0	0	0	0.0
Other infectious and parasitic diseases (099;100-104;110-118;130-136)	0	0	0	0.0
Malignant neoplasms of:				
lip, oral cavity and pharynx (140-149)	4	2	6	0.0
esophagus (150)	1	1	2	0.0
stomach (151)	2	2	4	0.0
small intestine including duodenum (152)	0	0	0	0.0
colon (153)	1	1	2	0.0
rectum, rectosigmoid junction and anus (154)	0	0	0	0.0
larynx (161)	0	1	1	0.0
trachea, bronchus, lung and pleura (162;163)	7	3	10	0.0
bone and articular cartilage (170)	2	1	3	0.0
skin (172;173)	0	0	0	0.0
female breast (174)	0	5	5	0.0
cervix uteri (180)	0	2	2	0.0
uterus (179;181-182)	0	4	4	0.0
other female genital organs (183-184)	0	3	3	0.0
prostate (185)	0	0	0	0.0
other and unspecified sites (155-160;164;165;171;175;186-199)	15	10	25	0.0
lymphatic tissue (200-203)	1	1	2	0.0
Leukemia (204-208)	1	1	2	0.0
Benign neoplasms carcinoma in situ, neoplasms of uncertain behavior and of unspecified nature (210-239)	1	0	1	0.0
Diabetes mellitus (250)	4	13	17	0.0
Kwashiorkor (260)	0	0	0	0.0
Nutritional marasmus (261)	1	0	1	0.0
Other protein calorie malnutrition (262)	1	2	3	0.0
Other nutritional deficiencies (263-269)	4	0	4	0.0
Goiter, thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders (240-246;251-259;270-279)	6	6	12	0.0
Anemias (280-285)	2	3	5	0.0
Other diseases of blood-forming organs (286-289)	1	1	2	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
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CAUSE	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Psychoses (290-299)	169	149	318	0.5
Neurotic disorders, personality disorders and other mental disorders (300-316)	240	48	288	0.4
Mental retardation (317-319)	4	5	9	0.01
Meningitis (320-322)	1235	985	2220	3.3
Epilepsy (345)	506	328	834	1.2
Other diseases of nervous system (323-326; 330-337;340-344-346-349;350;360-389)	1256	911	2167	3.2
Acute rheumatic fever (390-392)	5	9	14	0.0
Chronic rheumatic heart disease (393-398)	1065	1242	2307	3.4
Hypertension without heart involvement (401;403;405)	8476	5967	14443	21.6
Hypertension with heart involvement (402;404)	2622	2215	4837	7.2
Acute myocardial infarction (410)	10323	5562	15885	23.7
Other forms of ischaemic heart disease (411-414)	3225	3227	6452	9.6
Diseases of pulmonary circulation & other forms of heart disease (415-417;420-429)	10396	8691	19087	28.5
Cerebrovascular disease (430-438)	11162	7950	19112	28.5
Atherosclerosis (440)	1206	1422	2628	3.9
Other diseases of arteries, arterioles, and capillaries (441-448)	367	273	640	1.0
Venous thrombosis and embolism (451-453)	85	56	141	0.2
Other diseases of circulatory system (454-459)	224	170	394	0.6
Acute respiratory infections, except bronchitis and bronchiolitis (460-465)	69	52	121	0.2
Acute bronchitis and bronchiolitis (466)	130	123	253	0.4
Pneumonia (480-486)	19102	16480	35582	53.1
Influenza (487)	235	220	455	0.7
Chronic obstructive pulmonary disease and allied conditions (490-496)	7155	3999	11154	16.7
Other diseases of respiratory system (470-478;500-508;510-519)	3518	3437	6955	10.4
Diseases of oral cavity, salivary glands and jaws (520-529)	27	15	42	0.1
Gastric, duodenal and peptic ulcer, sites unspecified (531-533)	3743	1606	5349	8.0
Appendicitis (540-543)	201	90	291	0.4
Hernia of abdominal cavity (550-553)	154	47	201	0.3
Chronic liver diseases & cirrhosis (571)	2665	667	3332	5.0

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CAUSE	UNDER 1 YEAR				1-4 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	0	1	1	0.1	1	1	2	0.03
Neurotic disorders, personality disorder & other mental disorders	2	0	2	0.1	1	0	1	0.01
Mental retardation	0	0	0	0.0	1	0	1	0.01
Meningitis	334	240	574	28.7	273	250	523	7.2
Epilepsy	17	11	28	1.4	11	24	35	0.5
Other diseases of nervous system	174	94	268	13.4	169	132	301	4.1
Acute rheumatic fever	0	0	0	0.0	1	1	2	0.03
Chronic rheumatic heart disease	0	0	0	0.0	36	45	81	1.1
Hypertension without heart involvement	1	1	2	0.1	1	0	1	0.01
Hypertension with heart involvement	0	0	0	0.0	0	0	0	0.00
Acute myocardial infarction	9	9	18	0.9	8	7	15	0.2
Other forms of ischaemic heart disease	8	8	16	0.8	6	0	6	0.1
Diseases of pulmonary circulation & other forms of heart disease	313	232	545	27.3	158	127	285	3.9
Cerebrovascular disease	52	35	87	4.4	26	30	56	0.8
Atherosclerosis	0	0	0	0.0	0	0	0	0.0
Other diseases of arteries, arterioles and capillaries	3	2	5	0.3	3	0	3	0.0
Venous thrombosis and embolism	0	0	0	0.0	0	0	0	0.00
Other diseases of circulatory system	6	4	10	0.5	4	9	13	0.2
Acute respiratory infections, except bronchitis and bronchiolitis	9	7	16	0.8	8	3	11	0.2
Acute bronchitis & bronchiolitis	69	66	135	6.8	19	33	52	0.7
Pneumonia	4349	3282	7631	381.8	3231	2865	6096	83.4
Influenza	5	12	17	0.9	9	11	20	0.3
Chronic obstructive pulmonary diseases & allied conditions	139	112	251	12.6	162	174	336	4.6
Other diseases of respiratory system	355	236	591	29.6	131	115	246	3.4
Diseases of oral cavity, salivary glands and jaws	3	0	3	0.2	1	2	3	0.04
Gastric, duodenal and peptic ulcer, sites unspecified	7	3	10	0.5	5	2	7	0.1
Appendicitis	0	2	2	0.1	11	8	19	0.3
Hernia of abdominal cavity	18	5	23	1.2	6	0	6	0.1
Chronic liver diseases & cirrhosis	11	4	15	0.8	3	4	7	0.1

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CAUSE	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	1	0	1	0.01	1	0	1	0.01
Neurotic disorders, personality disorder & other mental disorders	1	0	1	0.01	1	0	1	0.01
Mental retardation	0	0	0	0.00	2	0	2	0.03
Meningitis	150	138	288	3.5	104	97	201	2.6
Epilepsy	29	16	45	0.5	46	40	86	1.1
Other diseases of nervous system	104	91	195	2.4	75	88	163	2.1
Acute rheumatic fever	0	2	2	0.02	0	0	0	0.0
Chronic rheumatic heart disease	60	61	121	1.5	124	134	258	3.3
Hypertension without heart involvement	0	0	0	0.00	39	29	68	0.9
Hypertension with heart involvement	0	0	0	0.00	6	15	21	0.3
Acute myocardial infarction	8	8	16	0.2	7	9	16	0.2
Other forms of ischaemic heart disease	2	3	5	0.06	1	3	4	0.05
Diseases of pulmonary circulation & other forms of heart disease	86	92	178	2.2	129	103	232	3.0
Cerebrovascular disease	46	26	72	0.9	51	22	73	0.9
Atherosclerosis	0	0	0	0.0	0	0	0	0.0
Other diseases of arteries, arterioles and capillaries	0	3	3	0.04	3	9	12	0.2
Venous thrombosis and embolism	0	0	0	0.00	1	0	1	0.0
Other diseases of circulatory system	5	6	11	0.1	5	4	9	0.1
Acute respiratory infections, except bronchitis and bronchitis	2	4	6	0.1	3	2	5	0.06
Acute bronchitis & bronchiolitis	5	1	6	0.1	1	0	1	0.0
Pneumonia	842	752	1594	19.3	363	291	654	8.4
Influenza	10	8	18	0.2	6	7	13	0.2
Chronic obstructive pulmonary diseases & allied conditions	40	25	65	0.8	43	26	69	0.9
Other diseases of respiratory system	29	34	63	0.8	34	28	62	0.8
Diseases of oral cavity, salivary glands and jaws	2	0	2	0.02	0	0	0	0.00
Gastric, duodenal and peptic ulcer, sites unspecified	5	0	5	0.1	13	8	21	0.3
Appendicitis	19	9	28	0.3	19	12	31	0.4
Hernia of abdominal cavity	2	1	3	0.04	1	0	1	0.01
Chronic liver diseases & cirrhosis	5	3	8	0.1	5	3	8	0.1

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**1993**

CAUSE	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	5	1	6	0.1	16	8	24	0.4
Neurotic disorders, personality disorder & other mental disorders	6	2	8	0.1	9	2	11	0.2
Mental retardation	0	2	2	0.03	1	2	3	0.05
Meningitis	80	47	127	1.8	58	43	101	1.6
Epilepsy	63	37	100	1.4	64	41	105	1.7
Other diseases of nervous system	65	35	100	1.4	71	43	114	1.8
Acute rheumatic fever	1	2	3	0.0	0	0	0	0.00
Chronic rheumatic heart disease	162	149	311	4.4	133	140	273	4.4
Hypertension without heart involvement	9	9	18	0.3	51	17	68	1.1
Hypertension with heart involvement	2	4	6	0.1	12	8	20	0.3
Acute myocardial infarction	77	23	100	1.4	204	66	270	4.3
Other forms of ischaemic heart disease	11	6	17	0.2	22	14	36	0.6
Diseases of pulmonary circulation & other forms of heart disease	189	127	316	4.5	284	205	489	7.8
Cerebrovascular disease	60	18	78	1.1	114	50	164	2.6
Atherosclerosis	0	0	0	0.0	12	13	25	0.4
Other diseases of arteries, arterioles and capillaries	13	9	22	0.3	22	7	29	0.5
Venous thrombosis and embolism	0	0	0	0.00	0	0	0	0.00
Other diseases of circulatory system	4	8	12	0.2	10	4	14	0.2
Acute respiratory infections, except bronchitis and bronchiolitis	2	1	3	0.04	5	2	7	0.1
Acute bronchitis & bronchiolitis	1	0	1	0.0	1	2	3	0.05
Pneumonia	271	160	431	6.1	264	181	445	7.1
Influenza	11	3	14	0.2	8	3	11	0.2
Chronic obstructive pulmonary diseases & allied conditions	44	52	96	1.4	73	68	141	2.3
Other diseases of respiratory system	42	32	74	1.0	58	36	94	1.5
Diseases of oral cavity, salivary glands and jaws	3	0	3	0.04	2	1	3	0.0
Gastric, duodenal and peptic ulcer, sites unspecified	32	17	49	0.7	61	31	92	1.5
Appendicitis	21	5	26	0.4	16	8	24	0.4
Hernia of abdominal cavity	2	0	2	0.0	2	0	2	0.0
Chronic liver diseases & cirrhosis	13	5	18	0.3	29	9	38	0.6

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CAUSE	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	12	5	17	0.3	20	6	26	0.5
Neurotic disorders, personality disorder & other mental disorders	17	4	21	0.4	23	6	29	0.6
Mental retardation	0	0	0	0.00	0	0	0	0.00
Meningitis	39	37	76	1.4	32	32	64	1.3
Epilepsy	72	35	107	1.9	46	29	75	1.5
Other diseases of nervous system	58	46	104	1.9	48	39	87	1.8
Acute rheumatic fever	0	2	2	0.0	1	1	2	0.0
Chronic rheumatic heart disease	119	107	226	4.1	86	112	198	4.1
Hypertension without heart involvement	96	30	126	2.3	175	65	240	4.9
Hypertension with heart involvement	15	14	29	0.5	31	15	46	0.9
Acute myocardial infarction	329	101	430	7.7	464	127	591	12.1
Other forms of ischaemic heart disease	32	18	50	0.9	38	16	54	1.1
Diseases of pulmonary circulation & other forms of heart disease	287	244	531	9.6	323	280	603	12.4
Cerebrovascular disease	169	77	246	4.4	266	103	369	7.6
Atherosclerosis	1	0	1	0.0	2	1	3	0.1
Other diseases of arteries, arterioles and capillaries	20	16	36	0.6	17	15	32	0.7
Venous thrombosis and embolism	3	1	4	0.1	4	2	6	0.1
Other diseases of circulatory system	11	2	13	0.2	15	10	25	0.5
Acute respiratory infections, except bronchitis and bronchitis	3	1	4	0.1	1	2	3	0.06
Acute bronchitis & bronchiolitis	2	0	2	0.04	1	0	1	0.0
Pneumonia	232	198	430	7.7	263	203	466	9.6
Influenza	6	6	12	0.2	13	6	19	0.4
Chronic obstructive pulmonary -diseases & allied conditions	91	99	190	3.4	106	114	220	4.5
Other diseases of respiratory system	46	48	94	1.7	61	39	100	2.1
Diseases of oral cavity, salivary glands and jaws	2	0	2	0.0	2	0	2	0.04
Gastric, duodenal and peptic ulcer, sites unspecified	95	36	131	2.4	120	38	158	3.2
Appendicitis	17	10	27	0.5	15	2	17	0.3
Hernia of abdominal cavity	6	5	11	0.2	4		4	0.1
Chronic liver diseases & cirrhosis	69	27	96	1.7	143	26	169	3.5



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CAUSE	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	15	13	28	0.7	14	9	23	0.7
Neurotic disorders, personality disorder & other mental disorders	34	2	36	0.9	23	3	26	0.8
Mental retardation	0	0	0	0.00	0	0	0	0.0
Meningitis	29	22	51	1.2	27	16	43	1.3
Epilepsy	38	33	71	1.7	31	21	52	1.5
Other diseases of nervous system	57	30	87	2.1	49	22	71	2.1
Acute rheumatic fever	0	0	0	0.00	0	0	0	0.0
Chronic rheumatic heart disease	65	93	158	3.8	52	86	138	4.1
Hypertension without heart involvement	266	87	353	8.5	391	146	537	16.0
Hypertension with heart involvement	67	41	108	2.6	104	61	165	4.9
Acute myocardial infarction	576	200	776	18.7	739	215	954	28.4
Other forms of ischaemic heart disease	53	29	82	2.0	78	28	106	3.2
Diseases of pulmonary circulation & other forms of heart disease	369	271	640	15.4	378	261	639	19.0
Cerebrovascular disease	406	178	584	14.1	530	235	765	22.7
Atherosclerosis	4	1	5	0.1	3	4	7	0.2
Other diseases of arteries, arterioles and capillaries	34	16	50	1.2	17	19	36	1.1
Venous thrombosis and embolism	2	2	4	0.10	2	1	3	0.1
Other diseases of circulatory system	10	9	19	0.5	16	11	27	0.8
Acute respiratory infections, except bronchitis and bronchitis	3	3	6	0.14	0	0	0	0.0
Acute bronchitis & bronchiolitis	0	1	1	0.02	0	2	2	0.1
Pneumonia	290	183	473	11.4	300	196	496	14.7
Influenza	12	4	16	0.4	9	3	12	0.4
Chronic obstructive pulmonary diseases & allied conditions	142	104	246	5.9	193	133	326	9.7
Other diseases of respiratory system	52	49	101	2.4	59	55	114	3.4
Diseases of oral cavity, salivary glands and jaws	1	1	2	0.05	0	0	0	0.00
Gastric, duodenal and peptic ulcer, sites unspecified	169	29	198	4.8	189	59	248	7.4
Appendicitis	16	6	22	0.5	8	2	10	0.3
Hernia of abdominal cavity	2	1	3	0.1	5	2	7	0.2
Chronic liver diseases & cirrhosis	208	34	242	5.8	296	40	336	10.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	45 - 49 YEARS				50 - 54 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	10	6	16	0.6	11	8	19	0.9
Neurotic disorders, personality disorder & other mental disorders	22	2	24	0.9	27	6	33	1.6
Mental retardation	0	0	0	0.0	0	1	1	0.0
Meningitis	34	23	57	2.2	21	5	26	1.2
Epilepsy	17	15	32	1.2	15	11	26	1.2
Other diseases of nervous system	47	26	73	2.8	44	21	65	3.1
Acute rheumatic fever	0	0	0	0.0	0	1	1	0.0
Chronic rheumatic heart disease	36	70	106	4.0	39	52	91	4.3
Hypertension without heart involvement	574	271	845	32.1	685	391	1076	50.9
Hypertension with heart involvement	129	88	217	8.2	215	113	328	15.5
Acute myocardial infarction	848	285	1133	43.0	906	344	1250	59.1
Other forms of ischaemic heart disease	97	41	138	5.2	127	61	188	8.9
Diseases of pulmonary circulation & other forms of heart disease	485	299	784	29.8	554	339	893	42.2
Cerebrovascular disease	704	325	1029	39.1	863	468	1331	63.0
Atherosclerosis	8	4	12	0.5	13	5	18	0.9
Other diseases of arteries, arterioles and capillaries	17	19	36	1.4	20	12	32	1.5
Venous thrombosis and embolism	3	2	5	0.2	6	4	10	0.5
Other diseases of circulatory system	14	19	33	1.3	16	7	23	1.1
Acute respiratory infections, except bronchitis and bronchitis	4	1	5	0.2	1	4	5	0.2
Acute bronchitis & bronchiolitis	3	1	4	0.2	0	2	2	0.1
Pneumonia	387	208	595	22.6	458	263	721	34.1
Influenza	12	5	17	0.6	10	6	16	0.8
Chronic obstructive pulmonary diseases & allied conditions	277	170	447	17.0	457	194	651	30.8
Other diseases of respiratory system	89	92	141	5.4	113	66	179	8.5
Diseases of oral cavity, salivary glands and jaws	1	0	1	0.04	1	2	3	0.1
Gastric, duodenal and peptic ulcer, sites unspecified	261	71	332	12.6	356	90	446	21.1
Appendicitis	6	3	9	0.3	14	5	19	0.9
Hernia of abdominal cavity	8	1	9	0.3	9	3	12	0.6
Chronic liver diseases & cirrhosis	345	53	398	15.1	353	61	414	19.6

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**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	55-59 YEARS				60-64 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	9	5	14	0.8	5	9	14	1.1
Neurotic disorders, personality disorder & other mental disorders	23	2	25	1.5	18	3	21	1.6
Mental retardation	0	0	0	0.0	0	0	0	0.0
Meningitis	6	6	12	0.7	13	6	19	1.4
Epilepsy	9	8	17	1.0	8	0	8	0.6
Other diseases of nervous system	49	32	81	4.7	46	32	78	5.9
Acute rheumatic fever	0	0	0	0.0	1	0	1	0.1
Chronic rheumatic heart disease	23	43	66	3.9	18	36	54	4.1
Hypertension without heart involvement	896	467	1363	79.7	1069	580	1649	124.1
Hypertension with heart involvement	247	169	416	24.3	326	206	532	40.0
Acute myocardial infarction	1063	407	1470	86.0	1107	497	1604	120.7
Other forms of ischemic heart disease	171	73	244	14.3	236	144	380	28.6
Diseases of pulmonary circulation & other forms of heart disease	691	446	1137	66.5	837	550	1387	104.3
Cerebrovascular disease	1072	563	1635	95.6	1218	785	2003	150.7
Atherosclerosis	13	9	22	1.3	42	16	58	4.4
Other diseases of arteries, arterioles and capillaries	17	14	31	1.8	36	28	64	4.8
Venous thrombosis and embolism	8	5	13	0.8	8	6	14	1.1
Other diseases of circulatory system	28	3	31	1.8	13	7	20	1.5
Acute respiratory infections, except bronchitis and bronchiolitis	3	1	4	0.2	2	3	5	0.4
Acute bronchitis & bronchiolitis	3	0	3	0.2	4	0	4	0.3
Pneumonia	543	330	873	51.1	804	478	1282	96.4
Influenza	5	3	8	0.5	24	15	39	2.9
Chronic obstructive pulmonary diseases & allied conditions	621	243	864	50.5	888	363	1251	94.1
Other diseases of respiratory system	144	84	228	13.3	197	110	307	23.1
Diseases of oral cavity, salivary glands and jaws	2	3	5	0.3	3	2	5	0.4
Gastric, duodenal and peptic ulcer, sites unspecified	397	117	514	30.1	431	156	587	44.2
Appendicitis	13	2	15	0.9	10	4	14	1.1
Hernia of abdominal cavity	15	3	18	1.1	8	7	15	1.1
Chronic liver diseases & cirrhosis	335	71	406	23.7	288	81	369	27.8

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	65 - 69 YEARS				70 YEARS & OVER			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	8	5	13	1.3	37	69	106	6.8
Neurotic disorders, personality disorder & other mental disorders	17	2	19	1.9	13	14	27	1.7
Mental retardation	0	0	0	0.0	0	0	0	0.0
Meningitis	9	5	14	1.4	26	16	42	2.7
Epilepsy	14	7	21	2.1	12	8	20	1.3
Other diseases of nervous system	58	39	97	9.7	57	137	194	12.5
Acute rheumatic fever	0	0	0	0.0	1	0	1	0.1
Chronic rheumatic heart disease	29	31	60	6.0	80	81	161	10.3
Hypertension without heart involvement	1094	766	1860	186.5	3106	3088	6194	398.1
Hypertension with heart involvement	332	248	580	58.1	1129	1227	2356	151.4
Acute myocardial infarction	1010	582	1592	159.6	2938	2663	5601	359.9
Other forms of ischaemic heart disease	264	226	490	49.1	2069	1687	3756	241.4
Diseases of pulmonary circulation & other forms of heart disease	899	684	1583	158.7	4379	4395	8774	563.9
Cerebrovascular disease	1298	849	2147	215.2	4260	4166	8426	541.5
Atherosclerosis	56	42	98	9.8	1048	1315	2363	151.9
Other diseases of arteries, arterioles and capillaries	38	18	56	5.6	105	84	189	12.1
Venous thrombosis and embolism	17	7	24	2.4	30	26	56	3.6
Other diseases of circulatory system	14	15	29	2.9	52	62	114	7.3
Acute respiratory infections, except bronchitis and bronchiolitis	3	4	7	0.7	19	14	33	2.1
Acute bronchitis & bronchiolitis	4	3	7	0.7	16	12	28	1.8
Pneumonia	890	611	1501	150.5	5572	6238	11810	759.0
Influenza	14	22	36	3.6	81	105	186	12.0
Chronic obstructive pulmonary diseases & allied conditions	1026	381	1407	141.0	2833	1726	4559	293.0
Other diseases of respiratory system	187	164	351	35.2	1902	2265	4167	267.8
Diseases of oral cavity, salivary glands and jaws	1	1	2	0.2	3	2	5	0.3
Gastric, duodenal and peptic ulcer, sites unspecified	407	174	581	58.2	1186	770	1956	125.7
Appendicitis	6	3	9	0.9	10	9	19	1.2
Hernia of abdominal cavity	7	0	7	0.7	58	17	75	4.8
Chronic liver diseases & cirrhosis	229	80	309	31.0	324	162	486	31.2

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Psychoses	4	3	7	0.01
Neurotic disorders, personality disorders and other mental disorders	3	0	3	0.00
Mental retardation	0	0	0	0.00
Meningitis	0	2	2	0.00
Epilepsy	1	0	1	0.00
Other diseases of nervous system	2	4	6	0.01
Acute rheumatic fever	0	0	0	0.00
Chronic rheumatic heart disease	3	2	5	0.01
Hypertension without heart involvement	23	20	43	0.06
Hypertension with heart involvement	7	6	13	0.02
Acute myocardial infarction	30	19	49	0.07
Other forms of ischaemic heart disease	10	18	28	0.04
Diseases of pulmonary circulation & other forms of heart disease	35	36	71	0.11
Cerebrovascular disease	27	20	47	0.07
Atherosclerosis	4	12	16	0.02
Other diseases of arteries, arterioles, and capillaries	2	2	4	0.01
Venous thrombosis and embolism	0	0	0	0.00
Other diseases of circulatory system	1	0	1	0.00
Acute respiratory infections, except bronchitis and bronchiolitis	1	0	1	0.00
Acute bronchitis and bronchiolitis	1	0	1	0.00
Pneumonia	43	41	84	0.13
Influenza	0	1	1	0.00
Chronic obstructive pulmonary disease and allied conditions	20	15	35	0.05
Other diseases of respiratory system	19	24	43	0.06
Diseases of oral cavity, salivary glands and jaws	0	1	1	0.00
Gastric, duodenal and peptic ulcer, sites unspecified	9	5	14	0.02
Appendicitis	0	0	0	0.00
Hernia of abdominal cavity	1	1	2	0.00
Chronic liver diseases & cirrhosis	9	4	13	0.02

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CAUSE	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract (574-576)	189	168	357	0.5
Other diseases of digestive system (530;534-537;555-570;572;573;577-579)	3997	1481	5478	8.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	3225	2285	5510	8.2
Infection of kidney (590)	433	318	751	1.1
Calculus of kidney, ureter and lower urinary tract (592;594)	69	50	119	0.2
Hyperplasia of prostate (600)	43	0	43	0.1
Other diseases of genito-urinary system (591;593;595-599;601-608;610;611;614-616;617-629)	430	434	864	1.3
Pregnancy with abortive outcome (630-639)	0	179	179	0.3
Hemorrhages related to pregnancy (640;641)	0	160	160	0.2
Hypertension complicating pregnancy, childbirth and puerperium (642)	0	308	308	0.5
Postpartum hemorrhage (666)	0	340	340	0.5
Normal delivery and other complications related to pregnancy, occurring in the course of labor, delivery and puerperium (643-648;650-665;667-676)	0	561	561	0.8
Diseases of the skin and subcutaneous tissues (680-686;690-698;700-709)	386	375	761	1.1
Arthropathies, dorsopathies and rheumatism (710-729)	345	253	598	0.9
Osteopathies, chonoropathies and acquired musculoskeletal deformities (730-739)	66	34	100	0.1
Congenital Anomalies (740-759)	1854	1395	3249	4.9
Birth trauma (767)	11	11	22	0.0
Birth injury and difficult labor (768;772)	702	488	1190	1.8
Respiratory conditions of fetus and newborn (769-771)	3355	2296	5651	8.4
Hemolytic diseases of fetus and newborn (773;774)	55	41	96	0.1
Hematological disorders of fetus and newborn (776)	46	16	62	0.1
Other causes of perinatal morbidity and mortality (760-763;764-766;755;777-779)	4108	2913	7021	10.5

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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	16	13	29	1.5	3	7	10	0.1
Other diseases of digestive system	189	120	309	15.5	108	74	182	2.5
Nephritis, nephrotic syndrome and nephrosis	29	11	40	2.0	89	77	166	2.3
Infection of kidney	13	4	17	0.9	8	13	21	0.3
Calculus of kidney, ureter and lower urinary tract	0	1	1	0.1	0	0	0	0.0
Hyperplasia of prostate	0	0	0	0.0	0	0	0	0.0
Other diseases of genito-urinary system	9	8	17	0.9	6	6	12	0.2
Pregnancy with abortive outcome	0	0	0	0.0	0	0	0	0.0
Hemorrhages related to pregnancy	0	0	0	0.0	0	0	0	0.0
Hypertension complicating pregnancy, childbirth and puerperium	0	0	0	0.0	0	0	0	0.0
Postpartum hemorrhage	0	0	0	0.0	0	0	0	0.0
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	0	0	0.0	0	0	0	0.0
Diseases of the skin and subcutaneous tissues	35	23	58	2.9	23	15	38	0.5
Arthropathies, dorsopathies and rheumatism	9	7	16	0.8	1	0	1	0.0
Osteopathies, chondropathies and acquired musculoskeletal and deformities	1	2	3	0.2	0	0	0	0.0
Congenital Anomalies	1381	985	2366	118.4	220	189	409	5.6
Birth trauma	11	11	22	1.1	0	0	0	0.0
Birth injury and difficult labor	702	488	1190	59.5	0	0	0	0.0
Respiratory conditions of fetus and newborn	3355	2296	5651	282.7	0	0	0	0.0
Hemolytic diseases of fetus and newborn	55	41	96	4.8	0	0	0	0.0
Hematological disorders of fetus and newborn	46	16	62	3.1	0	0	0	0.0
Other causes of perinatal morbidity and mortality	4108	2913	7021	351.3	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

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	4	1	5	0.1	2	0	2	0.0
Other diseases of digestive system	55	67	122	1.5	62	21	83	1.1
Nephritis, nephrotic syndrome and nephrosis	53	39	92	1.1	50	46	96	1.2
Infection of kidney	2	7	9	0.1	8	4	12	0.2
Calculus of kidney, ureter and lower urinary tract	0	0	0	0.0	1	0	1	0.0
Hyperplasia of prostate	0	0	0	0.0	0	0	0	0.0
Other diseases of genito-urinary system	2	4	6	0.1	3	8	11	0.1
Pregnancy with abortive outcome	0	0	0	0.0	0	2	2	0.0
Hemorrhages related to pregnancy	0	0	0	0.0	0	5	5	0.1
Hypertension complicating pregnancy, childbirth and puerperium	0	0	0	0.0	0	1	1	0.0
Postpartum hemorrhage	0	0	0	0.0	0	1	1	0.0
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	0	0	0.0	0	42	42	0.5
Diseases of the skin and subcutaneous tissues	10	6	16	0.2	6	7	13	0.2
Arthropathies, dorsopathies and rheumatism	4	0	4	0.0	2	3	5	0.1
Osteopathies, chonoropathies and acquired musculoskeletal and deformities	1	0	1	0.0	2	0	2	0.0
Congenital Anomalies	82	64	146	1.8	36	42	78	1.0
Birth trauma	0	0	0	0.0	0	0	0	0.0
Birth injury and difficult labor	0	0	0	0.0	0	0	0	0.0
Respiratory conditions of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hemolytic diseases of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hematological disorders of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Other causes of perinatal morbidity and mortality	0	0	0	0.0	0	0	0	0.0



**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

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	0	4	0.1	1	2	3	0.0
Other diseases of digestive system	96	46	142	2.0	309	38	347	5.5
Nephritis, nephrotic syndrome and nephrosis	76	60	136	1.9	99	76	175	2.8
Infection of kidney	4	2	6	0.1	9	2	11	0.2
Calculus of kidney, ureter and lower urinary tract	0	0	0	0.0	1	1	2	0.0
Hyperplasia of prostate	0	0	0	0.0	0	0	0	0.0
Other diseases of genito-urinary system	9	7	16	0.2	11	28	39	0.6
Pregnancy with abortive outcome	0	10	10	0.1	0	28	28	0.4
Hemorrhages related to pregnancy	0	5	5	0.1	0	21	21	0.3
Hypertension complicating pregnancy, childbirth and puerperium	0	18	18	0.3	0	54	54	0.9
Postpartum hemorrhage	0	28	28	0.4	0	56	56	0.9
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	22	22	0.3	0	90	90	1.4
Diseases of the skin and subcutaneous tissues	8	21	29	0.4	11	24	35	0.6
Arthropathies, dorsopathies and rheumatism	6	1	7	0.1	2	3	5	0.1
Osteopathies, chonoropathies and acquired musculoskeletal and deformities	6	3	9	0.1	1	0	1	0.0
Congenital Anomalies	47	23	70	1.0	22	17	39	0.6
Birth trauma	0	0	0	0.0	0	0	0	0.0
Birth injury and difficult labor	0	0	0	0.0	0	0	0	0.0
Respiratory conditions of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hemolytic diseases of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hematological disorders of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Other causes of perinatal morbidity and mortality	0	0	0	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

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	7	5	12	0.2	8	4	12	0.2
Other diseases of digestive system	418	52	470	8.5	354	60	414	8.5
Nephritis, nephrotic syndrome and nephrosis	128	85	213	3.3	124	111	235	4.8
Infection of kidney	12	12	24	0.4	8	8	16	0.3
Calculus of kidney, ureter and lower urinary tract	4	1	5	0.1	2	0	2	0.0
Hyperplasia of prostate	0	0	0	0.0	1	0	1	0.0
Other diseases of genito-urinary system	8	23	31	0.6	12	28	40	0.8
Pregnancy with abortive outcome	0	38	38	0.7	0	38	38	0.8
Hemorrhages related to pregnancy	0	40	40	0.7	0	35	35	0.7
Hypertension complicating pregnancy, childbirth and puerperium	0	53	53	1.0	0	71	71	1.5
Postpartum hemorrhage	0	79	79	1.4	0	69	69	1.4
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	117	117	2.1	0	119	119	2.4
Diseases of the skin and subcutaneous tissues	14	21	35	0.6	13	20	33	0.7
Arthropathies, dorsopathies and rheumatism	2	4	6	0.1	3	2	5	0.1
Osteopathies, chonroopathies and acquired musculoskeletal and deformities	3	0	3	0.1	4	1	5	0.1
Congenital Anomalies	14	16	30	0.5	6	11	17	0.3
Birth trauma	0	0	0	0.0	0	0	0	0.0
Birth injury and difficult labor	0	0	0	0.0	0	0	0	0.0
Respiratory conditions of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hemolytic diseases of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hematological disorders of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Other causes of perinatal morbidity and mortality	0	0	0	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

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	9	4	13	0.3	14	10	24	0.7
Other diseases of digestive system	365	86	451	10.9	288	49	337	10.0
Nephritis, nephrotic syndrome and nephrosis	172	102	274	6.6	162	115	277	8.2
Infection of kidney	28	16	44	1.1	16	5	21	0.6
Calculus of kidney, ureter and lower urinary tract	4	1	5	0.1	2	1	3	0.1
Hyperplasia of prostate	0	0	0	0.0	0	0	0	0.0
Other diseases of genito-urinary system	17	24	41	1.0	17	16	33	1.0
Pregnancy with abortive outcome	0	35	35	0.8	0	14	14	0.4
Hemorrhages related to pregnancy	0	36	36	0.9	0	14	14	0.4
Hypertension complicating pregnancy, childbirth and puerperium	0	66	66	1.6	0	28	28	0.8
Postpartum hemorrhage	0	71	71	1.7	0	32	32	1.0
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	100	100	2.4	0	58	58	1.7
Diseases of the skin and subcutaneous tissues	19	16	35	0.8	24	14	38	1.1
Arthropathies, dorsopathies and rheumatism	3	8	11	0.3	4	2	6	0.2
Osteopathies, chonoropathies and acquired musculoskeletal and deformities	4	2	6	0.1	4	4	8	0.2
Congenital Anomalies	7	8	15	0.4	2	6	8	0.2
Birth trauma	0	0	0	0.0	0	0	0	0.0
Birth injury and difficult labor	0	0	0	0.0	0	0	0	0.0
Respiratory conditions of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hemolytic diseases of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hematological disorders of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Other causes of perinatal morbidity and mortality	0	0	0	0.0	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

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	10	6	16	0.6	15	14	29	1.4
Other diseases of digestive system	278	63	341	13.0	279	82	361	17.1
Nephritis, nephrotic syndrome and nephrosis	182	118	300	11.4	235	143	378	17.9
Infection of kidney	29	20	49	1.9	32	20	52	2.5
Calculus of kidney, ureter and lower urinary tract	6	4	10	0.4	8	3	11	0.5
Hyperplasia of prostate	1	0	1	0.0	2	0	2	0.1
Other diseases of genito-urinary system	18	17	35	1.3	27	26	53	2.5
Pregnancy with abortive outcome	0	8	8	0.3	0	6	6	0.3
Hemorrhages related to pregnancy	0	2	2	0.1	0	2	2	0.1
Hypertension complicating pregnancy, childbirth and puerperium	0	7	7	0.3	0	10	10	0.5
Postpartum hemorrhage	0	3	3	0.1	0	1	1	0.0
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	9	9	0.3	0	4	4	0.2
Diseases of the skin and subcutaneous tissues	10	11	21	0.8	17	10	27	1.3
Arthropathies, dorsopathies and rheumatism	7	2	9	0.3	7	8	15	0.7
Osteopathies, chonroopathies and acquired musculoskeletal and deformities	7	0	7	0.3	3	0	3	0.1
Congenital Anomalies	7	6	13	0.5	1	2	3	0.1
Birth trauma	0	0	0	0.0	0	0	0	0.0
Birth injury and difficult labor	0	0	0	0.0	0	0	0	0.0
Respiratory conditions of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hemolytic diseases of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hematological disorders of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Other causes of perinatal morbidity and mortality	0	0	0	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

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	10	15	25	1.5	24	12	36	2.7
Other diseases of digestive system	258	87	345	20.2	235	98	333	25.1
Nephritis, nephrotic syndrome and nephrosis	259	152	411	24.0	282	198	480	36.1
Infection of kidney	34	23	57	3.3	39	30	69	5.2
Calculus of kidney, ureter and lower urinary tract	7	4	11	0.6	11	4	15	1.1
Hyperplasia of prostate	2	0	2	0.1	2	0	2	0.2
Other diseases of genito-urinary system	30	19	49	2.9	48	34	82	6.2
Pregnancy with abortive outcome	0	0	0	0.0	0	0	0	0.0
Hemorrhages related to pregnancy	0	0	0	0.0	0	0	0	0.0
Hypertension complicating pregnancy, childbirth and puerperium	0	0	0	0.0	0	0	0	0.0
Postpartum hemorrhage	0	0	0	0.0	0	0	0	0.0
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	0	0	0.0	0	0	0	0.0
Diseases of the skin and subcutaneous tissues	16	16	32	1.9	0	0	0	0.0
Arthropathies, dorsopathies and rheumatism	23	9	32	1.9	24	15	39	2.9
Osteopathies, chonoropathies and acquired musculoskeletal and deformities	4	3	7	0.4	28	17	45	3.4
Congenital Anomalies	1	0	1	0.1	4	0	4	0.3
Birth trauma	0	0	0	0.0	6	5	11	0.8
Birth injury and difficult labor	0	0	0	0.0	0	0	0	0.0
Respiratory conditions of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hemolytic diseases of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hematological disorders of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Other causes of perinatal morbidity and mortality	0	0	0	0.0	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	65 - 69 YEARS				70 YRS. & OVER			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract	14	14	28	2.8	48	61	109	7.0
Other diseases of digestive system	209	119	328	32.9	483	417	900	57.8
Nephritis, nephrotic syndrome and nephrosis	297	213	510	51.1	978	595	1573	101.1
Infection of kidney	38	28	66	6.6	153	123	276	17.7
Calculus of kidney, ureter and lower urinary tract	5	11	16	1.6	18	18	36	2.3
Hyperplasia of prostate	4	0	4	0.4	31	31	62	4.0
Other diseases of genito-urinary system	36	32	68	6.8	177	152	329	21.1
Pregnancy with abortive outcome	0	0	0	0.0	0	0	0	0.0
Hemorrhages related to pregnancy	0	0	0	0.0	0	0	0	0.0
Hypertension complicating pregnancy, childbirth and puerperium	0	0	0	0.0	0	0	0	0.0
Postpartum hemorrhage	0	0	0	0.0	0	0	0	0.0
Normal delivery and other complications related to pregnancy, occurring in the course of labor delivery & puerperium	0	0	0	0.0	0	0	0	0.0
Diseases of the skin and subcutaneous tissues	20	34	54	5.4	134	121	255	16.4
Arthropathies, dorsopathies and rheumatism	32	28	60	6.0	211	158	369	23.7
Osteopathies, chonoropathies and acquired musculoskeletal and deformities	5	3	8	0.8	17	16	33	2.1
Congenital Anomalies	9	4	13	1.3	11	17	28	1.8
Birth trauma	0	0	0	0.0	0	0	0	0.0
Birth injury and difficult labor	0	0	0	0.0	0	0	0	0.0
Respiratory conditions of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hemolytic diseases of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Hematological disorders of fetus and newborn	0	0	0	0.0	0	0	0	0.0
Other causes of perinatal morbidity and mortality	0	0	0	0.0	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Cholelithiasis and other disorders of the biliary tract (574-576)	0	0	0	0.0
Other diseases of digestive system (530;534-537;555-570;572;573;577-579)	11	2	13	0.0
Nephritis, nephrotic syndrome and nephrosis (580-589)	10	7	17	0.0
Infection of kidney (590)	0	1	1	0.0
Calculus of kidney, ureter and lower urinary tract (592;594)	0	1	1	0.0
Hyperplasia of prostate (600)	0	0	0	0.0
Other diseases of genito-urinary system (591;593;595-599;601-608;610;611;614-616;617-629)	0	2	2	0.0
Pregnancy with abortive outcome (630-639)	0	0	0	0.0
Hemorrhages related to pregnancy (640;641)	0	0	0	0.0
Hypertension complicating pregnancy, childbirth and puerperium (642)	0	0	0	0.0
Postpartum hemorrhage (666)	0	0	0	0.0
Normal delivery and other complications related to pregnancy, occurring in the course of labor, delivery and puerperium (643-648;650-665;667-676)	0	0	0	0.0
Diseases of the skin and subcutaneous tissues (680-686;690-698;700-709)	2	1	3	0.0
Arthropathies, dorsopathies and rheumatism (710-729)	1	1	2	0.0
Osteopathies, chonoropathies and acquired musculoskeletal deformities (730-739)	0	0	0	0.0
Congenital Anomalies (740-759)	2	0	2	0.0
Birth trauma (767)	0	0	0	0.0
Birth injury and difficult labor (768;772)	0	0	0	0.0
Respiratory conditions of fetus and newborn (769-771)	0	0	0	0.0
Hemolytic diseases of fetus and newborn (773;774)	0	0	0	0.0
Hematological disorders of fetus and newborn (776)	0	0	0	0.0
Other causes of perinatal morbidity and mortality (760-763;764-766;755;	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	ALL AGES			
	MALE	FEMALE	BOTH SEXES	RATE
Senility without mention of psychoses (797)	3982	5302	9284	13.9
Symptoms, signs and ill-defined conditions (780-796;798-799)	5514	3198	8712	13.0
Fractures, dislocations, sprains and strains (800-848)	936	330	1266	1.9
Intracranial injury, excluding those with skull fracture (850-854;950-957)	1291	396	1687	2.5
Internal injury of chest, abdomen and pelvis (860-869)	273	86	359	0.5
Open wounds (870-887;890-897)	315	48	363	0.5
Burns (940-949)	353	241	594	0.9
Poisoning and toxic effects (960-989)	258	85	343	0.5
All others, and unspecified effects of external causes (900-939;958;959;990-999)	358	144	502	0.7
Railway accidents (E800-E807)	30	15	45	0.1
Motor vehicle traffic accidents (E810-E819)	2621	996	3617	5.4
Water and transport accidents (E830-E838)	32	14	46	0.1
Air & space transport accidents (E840-E845)	28	8	36	0.1
Other transport accidents (E820-E829;E846-E848)	27	10	37	0.1
Accidental poisoning, all kinds (E850-E869)	96	55	151	0.2
Accidental falls (E880-E888)	548	192	740	1.1
Accidents caused by fires and flames (E890-E899)	7	8	15	0.0
Accidents due to natural and environmental (E900-E909)	375	176	551	0.8
Accidents caused by submersion, suffocation and foreign bodies (E910-E915)	1476	761	2237	3.3
All other accidents, including adverse effects in therapeutic use of drugs medicaments and other biological substances, and late effects of accidental injury (E870-E876;E878;E879;E916-E949)	730	158	888	1.3
Suicide & self-inflicted injury (E950-E959)	509	342	851	1.3
Legal intervention (E970-E978)	53	7	60	0.1
Homicide and injury purposely inflicted by other persons (E960-E969)	7181	545	7726	11.5
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	5569	825	6394	9.5
Injury resulting from operations of war (E990-E999)	7	2	9	0.0



**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
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**1993**

CAUSE	UNDER 1 YEAR				1 - 4 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Sensility w/o mention of psychoses	0	0	0	0.0	0	0	0	0.0
Symptoms, signs and ill-defined conditions	553	424	977	48.9	380	279	659	9.0
Fractures, dislocations, sprains and strains	4	7	11	0.6	18	14	32	0.4
Intracranial injury, excluding those with skull fracture	19	12	31	1.6	47	24	71	1.0
Internal injury of chest, abdomen and pelvis	1	0	1	0.1	4	3	7	0.1
Open wounds	2	2	4	0.2	3	0	3	0.0
Burns	18	22	40	2.0	52	58	110	1.5
Poisoning and toxic effects	8	3	11	0.6	7	5	12	0.2
All others, and unspecified effects of external causes	24	13	37	1.9	19	18	37	0.5
Railway accidents	0	0	0	0.0	3	1	4	0.1
Motor vehicle traffic accidents	15	7	22	1.1	99	76	175	2.4
Water and transport accidents	0	1	1	0.1	2	2	4	0.1
Air & space transport accidents	0	0	0	0.0	2	0	2	0.0
Other transport accidents	0	0	0	0.0	1	1	2	0.0
Accidental poisoning, all kinds	2	0	2	0.1	12	12	24	0.3
Accidental falls	12	12	24	1.2	23	16	39	0.5
Accidents caused by fires & flames	0	1	1	0.1	0	1	1	0.0
Accidents due to natural and environmental	5	10	15	0.8	22	16	38	0.5
Accidents caused by submersion, suffocation & foreign bodies	23	20	43	2.2	273	187	460	6.3
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	5	4	9	0.5	17	20	37	0.5
Suicide and self-inflicted injury	0	0	0	0.0	0	0	0	0.0
Legal intervention	0	0	0	0.0	0	0	0	0.0
Homicide and injury purposely inflicted by other persons	5	1	6	0.3	15	10	25	0.3
Injury undetermined whether accidentally or purposely inflicted	14	7	21	1.1	79	38	117	1.6
Injury resulting from operations of war	0	0	0	0.0	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	5 - 9 YEARS				10 - 14 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Senility w/o mention of psychoses	0	0	0	0.0	0	0	0	0.0
Symptoms, signs and ill-defined conditions	152	116	268	3.2	127	67	194	2.5
Fractures, dislocations, sprains and strains	49	22	71	0.9	35	15	51	0.7
Intracranial injury, excluding those with skull fracture	56	24	80	1.0	60	25	85	1.1
Internal injury of chest, abdomen and pelvis	15	6	21	0.3	13	7	20	0.3
Open wounds	2	5	7	0.1	7	1	8	0.1
Burns	32	25	57	0.7	17	10	27	0.3
Poisoning and toxic effects	8	5	13	0.2	9	2	11	0.1
All others, and unspecified effects of external causes	15	12	27	0.3	13	7	20	0.3
Railway accidents	0	1	1	0.0	1	1	2	0.0
Motor vehicle traffic accidents	251	158	409	5.0	163	71	234	3.0
Water and transport accidents	3	1	4	0.0	0	2	2	0.0
Air & space transport accidents	1	1	2	0.0	0	0	0	0.0
Other transport accidents	2	0	2	0.0	3	1	4	0.1
Accidental poisoning, all kinds	14	5	19	0.2	4	3	7	0.1
Accidental falls	20	16	36	0.4	52	17	69	0.9
Accidents caused by fires & flames	4	2	6	0.1	0	1	1	0.0
Accidents due to natural and environmental	39	32	71	0.9	50	22	72	0.9
Accidents caused by submersion, suffocation & foreign bodies	227	128	355	4.3	158	130	288	3.7
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	25	11	36	0.4	48	11	59	0.8
Suicide and self-inflicted injury	0	0	0	0.0	0	0	0	0.0
Legal intervention	0	1	1	0.0	0	0	0	0.0
Homicide and injury purposely inflicted by other persons	12	21	33	0.4	47	12	59	0.8
Injury undetermined whether accidentally or purposely inflicted	96	39	135	1.6	91	63	154	2.0
Injury resulting from operations of war	0	1	1	0.0	1	0	1	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	15 - 19 YEARS				20 - 24 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Senility w/o mention of psychoses	0	0	0	0.0	0	0	0	0.0
Symptoms, signs and ill-defined conditions	196	104	300	4.2	346	124	470	7.5
Fractures, dislocations, sprains and strains	61	11	72	1.0	96	11	107	1.7
Intracranial injury, excluding those with skull fracture	83	28	111	1.6	117	16	133	2.1
Internal injury of chest, abdomen and pelvis	15	3	18	0.3	38	9	47	0.8
Open wounds	19	2	21	0.3	37	2	39	0.6
Burns	28	10	38	0.5	29	12	41	0.7
Poisoning and toxic effects	16	15	31	0.4	26	13	39	0.6
All others, and unspecified effects of external causes	24	5	29	0.4	37	4	41	0.7
Railway accidents	2	0	2	0.0	4	1	5	0.1
Motor vehicle traffic accidents	220	52	272	3.8	290	68	358	5.7
Water and transport accidents	2	0	2	0.0	2	1	3	0.0
Air & space transport accidents	0	0	0	0.0	2	2	4	0.1
Other transport accidents	1	1	2	0.0	0	1	1	0.0
Accidental poisoning, all kinds	8	4	12	0.2	7	6	13	0.2
Accidental falls	21	5	26	0.4	31	1	32	0.5
Accidents caused by fires & flames	0	0	0	0.0	1	0	1	0.0
Accidents due to natural and environmental	37	11	48	0.7	33	5	38	0.6
Accidents caused by submersion, suffocation & foreign bodies	138	61	199	2.8	141	33	174	2.8
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	82	12	94	1.3	122	8	130	2.1
Suicide and self-inflicted injury	68	97	165	2.3	107	72	179	2.9
Legal intervention	0	1	1	0.0	5	2	7	0.1
Homicide and injury purposely inflicted by other persons	489	44	533	7.5	1227	62	1289	20.6
Injury undetermined whether accidentally or purposely inflicted	382	85	467	6.6	841	87	928	14.8
Injury resulting from operations of war	1	0	1	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	25 - 29 YEARS				30 - 34 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Scallity w/o mention of psychoses	0	0	0	0.0	0	0	0	0.0
Symptoms, signs and ill-defined conditions	400	114	514	9.3	358	120	478	9.8
Fractures, dislocations, sprains and strains	96	8	104	1.9	80	16	96	2.0
Intracranial injury, excluding those with skull fracture	117	20	137	2.5	120	10	130	2.7
Internal injury of chest, abdomen and pelvis	35	9	44	0.8	35	9	44	0.9
Open wounds	56	3	59	1.1	37	6	43	0.9
Burns	38	8	46	0.8	23	12	35	0.7
Poisoning and toxic effects	32	9	41	0.7	17	3	20	0.4
All others, and unspecified effects of external causes	33	5	38	0.7	25	6	31	0.6
Railway accidents	4	0	4	0.1	4	1	5	0.1
Motor vehicle traffic accidents	273	54	327	5.9	249	43	292	6.0
Water and transport accidents	5	1	6	0.1	2	0	2	0.0
Air & space transport accidents	5	1	6	0.1	5	1	6	0.1
Other transport accidents	3	1	4	0.1	0	0	0	0.0
Accidental poisoning, all kinds	11	4	15	0.3	2	4	6	0.1
Accidental falls	31	3	34	0.6	33	4	37	0.8
Accidents caused by fires & flames	0	0	0	0.0	0	0	0	0.0
Accidents due to natural and environmental	25	8	33	0.6	36	13	49	1.0
Accidents caused by submersion, suffocation & foreign bodies	108	43	151	2.7	83	25	108	2.2
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	115	11	126	2.3	81	12	93	1.9
Suicide and self-inflicted injury	79	56	135	2.4	75	30	105	2.2
Legal intervention	13	0	15	0.3	17	0	17	0.3
Homicide and injury purposely inflicted by other persons	1238	66	1354	24.4	1146	64	1210	24.9
Injury undetermined whether accidentally or purposely inflicted	897	82	979	17.6	787	82	869	17.9
Injury resulting from operations of war	0	0	0	0.0	2	1	3	0.1

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	35 - 39 YEARS				40 - 44 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Senility w/o mention of psychoses	0	0	0	0.0	0	0	0	0.0
Symptoms, signs and ill-defined conditions	339	132	471	11.4	289	112	401	11.9
Fractures, dislocations, sprains and strains	86	13	99	2.4	79	10	89	2.6
Intracranial injury, excluding those with skull fracture	123	12	135	3.3	109	25	134	4.0
Internal injury of chest, abdomen and pelvis	25	8	33	0.8	29	7	36	1.1
Open wounds	36	5	41	1.0	26	4	30	0.9
Burns	12	12	24	0.6	11	7	18	0.5
Poisoning and toxic effects	21	2	23	0.6	25	8	33	1.0
All others, and unspecified effects of external causes	25	9	34	0.8	22	3	25	0.7
Railway accidents	3	0	3	0.1	0	1	1	0.0
Motor vehicle traffic accidents	220	62	282	6.8	191	53	244	7.3
Water and transport accidents	3	0	3	0.1	3	0	3	0.1
Air & space transport accidents	6	1	7	0.2	5	1	6	0.2
Other transport accidents	5	1	6	0.1	3	1	4	0.1
Accidental poisoning, all kinds	7	3	10	0.2	4	4	8	0.2
Accidental falls	38	3	41	1.0	38	8	46	1.4
Accidents caused by fires & flames	0	0	0	0.0	0	0	0	0.0
Accidents due to natural and environmental	17	7	24	0.6	24	12	36	1.1
Accidents caused by submersion, suffocation & foreign bodies	67	19	86	2.1	61	20	81	2.4
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	66	4	70	1.7	44	10	54	1.6
Suicide and self-inflicted injury	53	22	75	1.8	34	12	46	1.4
Legal intervention	9	0	9	0.2	2	0	2	0.1
Homicide and injury purposely inflicted by other persons	969	48	1017	24.5	715	47	762	22.7
Injury undetermined whether accidentally or purposely inflicted	700	67	767	18.5	528	61	589	17.3
Injury resulting from operations of war	1	0	1	0.0	0	0	0	0.0

TABLE 23

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	45-49 YEARS				50-54 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Semility w/o mention of psychoses	0	0	0	0.0	0	0	0	0.0
Symptoms, signs and ill-defined conditions	288	95	383	14.6	273	130	403	19.1
Fractures, dislocations, sprains and strains	60	17	77	2.9	56	19	75	3.5
Intracranial injury, excluding those with skull fracture	87	25	112	4.3	62	26	88	4.2
Internal injury of chest, abdomen and pelvis	21	3	24	0.9	13	1	14	0.7
Open wounds	27	2	29	1.1	17	2	19	0.9
Burns	22	8	30	1.1	15	8	23	1.1
Poisoning and toxic effects	21	4	25	0.9	17	3	20	0.9
All others, and unspecified effects of external causes	21	3	24	0.9	19	6	25	1.2
Railway accidents	4	1	5	0.2	3	0	3	0.1
Motor vehicle traffic accidents	147	58	205	7.8	124	65	189	8.9
Water and transport accidents	4	1	5	0.2	3	0	3	0.1
Air & space transport accidents	1	1	2	0.1	0	0	0	0.0
Other transport accidents	0	1	1	0.0	4	0	4	0.2
Accidental poisoning, all kinds	2	0	2	0.1	6	2	8	0.4
Accidental falls	32	7	39	1.5	34	6	40	1.9
Accidents caused by fires & flames	0	0	0	0.0	2	0	2	0.1
Accidents due to natural and environmental	18	7	25	0.9	11	11	22	1.0
Accidents caused by submersion, suffocation & foreign bodies	38	13	56	2.1	33	20	53	2.5
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	31	12	43	1.6	29	9	38	1.8
Suicide and self-inflicted injury	20	12	32	1.2	21	8	29	1.4
Legal intervention	2	1	3	0.1	2	0	2	0.1
Homicide and injury purposely inflicted by other persons	467	44	511	19.4	292	41	333	15.8
Injury undetermined whether accidentally or purposely inflicted	378	41	419	15.9	275	35	310	14.7
Injury resulting from operations of war	0	0	0	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	55 - 59 YEARS				60 - 64 YEARS			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Senility w/o mention of psychoses	6	2	8	0.5	40	36	76	5.7
Symptoms, signs and ill-defined conditions	271	107	378	22.1	279	127	406	30.5
Fractures, dislocations, sprains and strains	45	11	56	3.3	38	15	53	4.0
Intracranial injury, excluding those with skull fracture	61	21	82	4.8	57	26	83	6.2
Internal injury of chest, abdomen and pelvis	11	6	17	1.0	7	4	11	0.8
Open wounds	14	2	16	0.9	10	3	13	1.0
Burns	10	5	15	0.9	14	5	19	1.4
Poisoning and toxic effects	12	1	13	0.8	13	6	19	1.4
All others, and unspecified effects of external causes	20	8	28	1.6	6	8	14	1.1
Railway accidents	0	1	1	0.1	1	1	2	0.2
Motor vehicle traffic accidents	102	47	149	8.7	63	41	104	7.8
Water and transport accidents	2	1	3	0.2	0	2	2	0.2
Air & space transport accidents	1	0	1	0.1	0	0	0	0.0
Other transport accidents	1	1	2	0.1	1	0	1	0.1
Accidental poisoning, all kinds	4	3	7	0.4	4	1	5	0.4
Accidental falls	35	13	48	2.8	39	6	45	3.4
Accidents caused by fires & flames	0	1	1	0.1	0	0	0	0.0
Accidents due to natural and environmental	25	7	32	1.9	16	4	20	1.5
Accidents caused by submersion, suffocation & foreign bodies	30	6	36	2.1	21	12	33	2.5
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	20	9	29	1.7	20	9	29	2.2
Suicide and self-inflicted injury	18	7	25	1.5	11	7	18	1.4
Legal intervention	0	0	0	0.0	0	0	0	0.0
Homicide and injury purposely inflicted by other persons	213	22	235	13.7	106	20	126	9.5
Injury undetermined whether accidentally or purposely inflicted	191	24	215	12.6	109	32	141	10.6
Injury resulting from operations of war	0	0	0	0.0	0	0	0	0.0

**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX \**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	65 - 69 YEARS				70 YEARS & OVER			
	MALE	FEMALE	BOTH SEXES	RATE	MALE	FEMALE	BOTH SEXES	RATE
Senility w/o mention of psychoses	65	67	132	13.2	3849	5155	9004	578.6
Symptoms, signs and ill-defined conditions	250	162	412	41.3	988	974	1962	126.1
Fractures, dislocations, sprains and strains	26	16	42	4.2	100	125	225	14.5
Intracranial injury, excluding those with skull fracture	48	17	65	6.5	115	83	198	12.7
Internal injury of chest, abdomen and pelvis	3	2	5	0.5	8	8	16	1.0
Open wounds	8	2	10	1.0	12	5	17	1.1
Burns	8	10	18	1.8	23	28	51	3.3
Poisoning and toxic effects	12	1	13	1.3	14	4	18	1.2
All others, and unspecified effects of external causes	12	10	22	2.2	41	26	67	4.3
Railway accidents	0	2	2	0.2	1	4	5	0.3
Motor vehicle traffic accidents	55	37	92	9.2	150	98	248	15.9
Water and transport accidents	1	0	1	0.1	0	1	1	0.1
Air & space transport accidents	0	0	0	0.0	0	0	0	0.0
Other transport accidents	2	0	2	0.2	1	1	2	0.1
Accidental poisoning, all kinds	2	0	2	0.2	4	4	8	0.5
Accidental falls	23	4	27	2.7	81	69	150	9.6
Accidents caused by fires & flames	0	0	0	0.0	0	1	1	0.1
Accidents due to natural and environmental	2	4	6	0.6	15	5	20	1.3
Accidents caused by submersion, suffocation & foreign bodies	23	6	29	2.9	50	32	82	5.3
All other accidents, including adverse effects in therapeutic use of drugs, medicaments and other biological substances, & late effects of accidental injury	11	6	17	1.7	14	10	24	1.5
Suicide and self-inflicted injury	8	1	9	0.9	12	16	28	1.8
Legal intervention	0	0	0	0.0	0	2	2	0.1
Homicide and injury purposely inflicted by other persons	64	17	81	8.1	89	22	111	7.1
Injury undetermined whether accidentally or purposely inflicted	80	36	116	11.6	109	45	154	9.9
Injury resulting from operations of war	0	0	0	0.0	0	0	0	0.0



**MORTALITY: 150 CAUSE-GROUPS BY AGE & SEX**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

CAUSE	NOT STATED			
	MALE	FEMALE	BOTH SEXES	RATE
Senility without mention of psychoses (797)	22	42	64	0.1
Symptoms, signs and ill-defined conditions (780-796;798-799)	25	11	36	0.1
Fractures, dislocations, sprains and strains (800-848)	6	0	6	0.0
Intracranial injury, excluding those with skull fracture (850-854;950-957)	10	2	12	0.0
Internal injury of chest, abdomen and pelvis (860-869)	0	1	1	0.0
Open wounds (870-887;890-897)	2	0	2	0.0
Burns (940-949)	1	1	2	0.0
Poisoning and toxic effects (960-989)	0	1	1	0.0
All others, and unspecified effects of external causes (900-939;958;959;990-999)	2	1	3	0.0
Railway accidents (E800-E807)	0	0	0	0.0
Motor vehicle traffic accidents (E810-E819)	9	6	15	0.0
Water and transport accidents (E830-E838)	0	1	1	0.0
Air & space transport accidents (E840-E845)	0	0	0	0.0
Other transport accidents (E820-E829;E846-E848)	0	0	0	0.0
Accidental poisoning, all kinds (E850-E869)	3	0	3	0.0
Accidental falls (E880-E888)	5	2	7	0.0
Accidents caused by fires and flames (E890-E899)	0	0	0	0.0
Accidents due to natural and environmental (E900-E909)	0	2	2	0.0
Accidents caused by submersion,suffocation and foreign bodies (E910-E915)	2	1	3	0.0
All other accidents, including adverse effects in therapeutic use of drugs medicaments and other biological substances, and late effects of accidental injury (E870-E876;E878;E879;E916-E949)	0	0	0	0.0
Suicide & self-inflicted injury (E950-E959)	3	2	5	0.0
Legal intervention (E970-E978)	1	0	1	0.0
Homicide and injury purposely inflicted by other persons (E960-E969)	37	4	41	0.1
Injury undetermined whether accidentally or purposely inflicted (E980-E989)	12	1	13	0.0
Injury resulting from operations of war (E990-E999)	0	0	0	0.0

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	CHOLERA (001)		TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		OTHER SALMONELLA INFECTIONS (003)		AMOEBIASIS & OTHER DYSENTERY ALL FORMS (004-006)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>107</b>	<b>0.2</b>	<b>1,120</b>	<b>1.7</b>	<b>15</b>	<b>0.0</b>	<b>361</b>	<b>0.5</b>
<b>NAT. CAP. REGION</b>	<b>6</b>	<b>0.1</b>	<b>98</b>	<b>1.1</b>	<b>2</b>	<b>0.0</b>	<b>17</b>	<b>0.2</b>
1ST DIST. MANILA	1	0.0	16	0.6	0	0.0	0	0.0
2ND DIST. MUN.	0	0.0	17	1.5	0	0.0	6	0.5
QUEZON CITY	1	0.1	26	1.4	0	0.0	5	0.3
3RD DIST. MUN.	2	0.2	9	1.0	0	0.0	1	0.1
CALOOCAN CITY	0	0.0	6	0.7	1	0.1	2	0.2
4TH DIST. MUN.	2	0.2	22	2.3	1	0.1	3	0.3
PASAY CITY	0	0.0	2	0.5	0	0.0	0	0.0
<b>C.A.R.</b>	<b>10</b>	<b>0.8</b>	<b>21</b>	<b>1.7</b>	<b>0</b>	<b>0.0</b>	<b>5</b>	<b>0.4</b>
ABRA	1	0.5	8	4.0	0	0.0	1	0.5
BENGUET	0	0.0	3	0.9	0	0.0	2	0.6
IFUGAO	1	0.6	4	2.5	0	0.0	0	0.0
KALINGA APAYAO	7	3.0	2	0.9	0	0.0	1	0.4
MT. PROVINCE	0	0.0	3	2.4	0	0.0	1	0.8
BAGUIO CITY	1	0.5	1	0.5	0	0.0	0	0.0
<b>REGION 1</b>	<b>6</b>	<b>0.2</b>	<b>104</b>	<b>2.7</b>	<b>0</b>	<b>0.0</b>	<b>7</b>	<b>0.2</b>
ILOCOS NORTE	1	0.2	13	3.2	0	0.0	1	0.2
ILOCOS SUR	3	0.5	14	2.5	0	0.0	0	0.0
LA UNION	1	0.2	12	2.0	0	0.0	1	0.2
PANGASINAN	0	0.0	57	2.9	0	0.0	4	0.2
DAGUPAN CITY	0	0.0	4	3.0	0	0.0	1	0.7
LAOAG CITY	1	1.1	2	2.2	0	0.0	0	0.0
SAN CARLOS CITY	0	0.0	2	1.5	0	0.0	0	0.0
<b>REGION 2</b>	<b>14</b>	<b>0.5</b>	<b>20</b>	<b>0.8</b>	<b>1</b>	<b>0.0</b>	<b>8</b>	<b>0.3</b>
BATANES	0	0.0	0	0.0	0	0.0	0	0.0
CAGAYAN	2	0.2	5	0.6	0	0.0	4	0.4
ISABELA	7	0.6	7	0.6	0	0.0	4	0.3
NUEVA VIZCAYA	4	1.2	7	2.1	1	0.3	0	0.0
QUIRINO	1	0.8	1	0.8	0	0.0	0	0.0
<b>REGION 3</b>	<b>13</b>	<b>0.2</b>	<b>59</b>	<b>0.9</b>	<b>0</b>	<b>0.0</b>	<b>15</b>	<b>0.2</b>
BATAAN	1	0.2	4	0.8	0	0.0	3	0.6
BULACAN	5	0.3	25	1.5	0	0.0	4	0.2
NUEVA ECUIA	4	0.4	7	0.6	0	0.0	0	0.0
PAMPANGA	0	0.0	4	0.3	0	0.0	2	0.1
TARLAC	2	0.2	7	0.7	0	0.0	3	0.3
ZAMBALES	0	0.0	8	2.0	0	0.0	1	0.2
ANGELES CITY	1	0.4	1	0.4	0	0.0	1	0.4

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	CHOLERA (001)		TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		OTHER SALMONELLA INFECTIONS (003)		AMOEBIASIS & OTHER DYSENTERY ALL FORMS (004-006)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
OLONGAPO CITY	0	0.0	2	0.9	0	0.0	1	0.5
PALAYAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	0	0.0	1	1.1	0	0.0	0	0.0
<b>REGION 4</b>	<b>11</b>	<b>0.1</b>	<b>147</b>	<b>1.6</b>	<b>2</b>	<b>0.0</b>	<b>53</b>	<b>0.6</b>
AURORA	0	0.0	3	1.9	0	0.0	2	1.3
BATANGAS	0	0.0	14	1.1	0	0.0	3	0.2
CAVITE	0	0.0	14	1.2	0	0.0	6	0.5
LAGUNA	0	0.0	12	0.9	1	0.1	2	0.1
MARINDUQUE	3	1.5	3	1.5	0	0.0	3	1.5
MINDORO OCC.	0	0.0	7	2.2	0	0.0	3	1.0
MINDORO OR.	1	0.2	4	0.7	0	0.0	2	0.3
PALAWAN	4	0.8	5	1.0	0	0.0	3	0.6
QUEZON	0	0.0	25	1.9	0	0.0	2	0.1
RIZAL	1	0.1	18	1.6	1	0.1	8	0.7
ROMBLON	1	0.4	24	9.8	0	0.0	17	6.9
BATANGAS CITY	0	0.0	1	0.5	0	0.0	0	0.0
CAVITE CITY	0	0.0	4	3.9	0	0.0	0	0.0
LIPA CITY	0	0.0	0	0.0	0	0.0	0	0.0
LUCENA CITY	1	0.6	2	1.2	0	0.0	1	0.6
PUERTO PRINCESSA	0	0.0	9	8.7	0	0.0	0	0.0
SAN PABLO CITY	0	0.0	2	1.1	0	0.0	1	0.5
TAGAYTAY CITY	0	0.0	0	0.0	0	0.0	0	0.0
TRECE MARTIRES	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 5</b>	<b>5</b>	<b>0.1</b>	<b>81</b>	<b>1.9</b>	<b>5</b>	<b>0.1</b>	<b>33</b>	<b>0.8</b>
ALBAY	3	0.4	21	2.5	0	0.0	3	0.4
CAMARINES NORTE	0	0.0	6	1.4	0	0.0	8	1.8
CAMARINES SUR	1	0.1	18	1.5	0	0.0	3	0.2
CATANDUANES	0	0.0	2	1.0	1	0.5	7	3.4
MASBATE	0	0.0	23	3.6	4	0.6	6	0.9
SORSOGON	1	0.2	6	1.1	0	0.0	6	1.1
IRIGA CITY	0	0.0	1	1.2	0	0.0	0	0.0
LEGASPI CITY	0	0.0	4	3.0	0	0.0	0	0.0
NAGA CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 6</b>	<b>9</b>	<b>0.2</b>	<b>129</b>	<b>2.2</b>	<b>1</b>	<b>0.0</b>	<b>56</b>	<b>0.9</b>
AKLAN	0	0.0	6	1.4	0	0.0	5	1.2
ANTIQUE	0	0.0	8	1.8	1	0.2	2	0.5
CAPIZ	0	0.0	10	1.9	0	0.0	4	0.8
ILOILO	1	0.1	20	1.4	0	0.0	23	1.6
NEGROS OCC.	4	0.3	63	4.1	0	0.0	12	0.8
GUIMARAS	0	0.0	3	2.4	0	0.0	0	0.0
BACOLOD CITY	2	0.5	8	2.0	0	0.0	1	0.3

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	CHOLERA (001)		TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		OTHER SALMONELLA INFECTIONS (003)		AMOEBIASIS & OTHER DYSENTERY ALL FORMS (004-006)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	1	0.7	0	0.0	0	0.0	1	0.7
CADIZ CITY	0	0.0	1	0.8	0	0.0	2	1.5
ILOILO CITY	0	0.0	2	0.6	0	0.0	1	0.3
LA CARLOTA CITY	0	0.0	0	0.0	0	0.0	0	0.0
ROXAS CITY	0	0.0	1	0.9	0	0.0	0	0.0
SAN CARLOS CITY	1	0.9	6	5.2	0	0.0	3	2.6
SILAY CITY	0	0.0	1	0.9	0	0.0	2	1.8
<b>REGION 7</b>	<b>2</b>	<b>0.0</b>	<b>111</b>	<b>2.2</b>	<b>1</b>	<b>0.0</b>	<b>27</b>	<b>0.5</b>
BOHOL	0	0.0	19	1.9	1	0.1	6	0.6
CEBU	1	0.1	39	2.3	0	0.0	13	0.8
NEGROS OR.	0	0.0	19	2.3	0	0.0	3	0.4
SIQUIOR	0	0.0	6	7.5	0	0.0	0	0.0
BAIS CITY	0	0.0	0	0.0	0	0.0	0	0.0
CANLAON CITY	0	0.0	3	7.4	0	0.0	1	2.5
CEBU CITY	1	0.1	7	1.0	0	0.0	2	0.3
DANAO CITY	0	0.0	4	4.9	0	0.0	1	1.2
DUMAGUETE CITY	0	0.0	2	2.3	0	0.0	0	0.0
LAPU-LAPU CITY	0	0.0	6	3.7	0	0.0	0	0.0
MANDAWE CITY	0	0.0	2	1.0	0	0.0	0	0.0
TAGBILARAN CITY	0	0.0	2	3.2	0	0.0	1	1.6
TOLEDO CITY	0	0.0	2	1.5	0	0.0	0	0.0
<b>REGION 8</b>	<b>2</b>	<b>0.1</b>	<b>96</b>	<b>2.9</b>	<b>0</b>	<b>0.0</b>	<b>24</b>	<b>0.7</b>
LEYTE DEL NORTE	0	0.0	17	1.4	0	0.0	10	0.8
LEYTE DEL SUR	0	0.0	6	1.7	0	0.0	5	1.4
EASTERN SAMAR	0	0.0	2	0.6	0	0.0	0	0.0
NORTHERN SAMAR	0	0.0	43	10.3	0	0.0	8	1.9
WESTERN SAMAR	1	0.2	8	1.7	0	0.0	0	0.0
BILIRAN	1	0.8	4	3.2	0	0.0	0	0.0
CALBAYOG CITY	0	0.0	12	9.5	0	0.0	0	0.0
ORMOC CITY	0	0.0	4	2.8	0	0.0	1	0.7
TACLOBAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 9</b>	<b>7</b>	<b>0.3</b>	<b>60</b>	<b>2.2</b>	<b>2</b>	<b>0.1</b>	<b>8</b>	<b>0.3</b>
BASILAN	2	0.8	1	0.4	0	0.0	0	0.0
ZAMBO. DEL NORTE	2	0.3	16	2.7	0	0.0	1	0.2
ZAMBO. DEL SUR	1	0.1	28	2.5	2	0.2	5	0.4
DAPITAN CITY	0	0.0	1	1.5	0	0.0	0	0.0
DIPOLOG CITY	0	0.0	4	4.5	0	0.0	0	0.0
PAGADIAN CITY	0	0.0	5	4.2	0	0.0	2	1.7
ZAMBOANGA CITY	2	0.4	5	1.0	0	0.0	0	0.0

**SELECTED CAUSES OF DEATH  
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PHILIPPINES  
1993**

AREA	CHOLERA (001)		TYPHOID & PARA TYPHOID FEVER & OTHER SAMO- NELLA INF. (002-003)		OTHER SALMONELLA INFECTIONS (003)		AMOEBIASIS & OTHER DYSENTERY ALL FORMS (004-006)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>2</b>	<b>0.1</b>	<b>65</b>	<b>1.7</b>	<b>1</b>	<b>0.0</b>	<b>43</b>	<b>1.1</b>
AGUSAN DEL NORTE	0	0.0	2	0.8	0	0.0	0	0.0
AGUSAN DEL SUR	0	0.0	5	1.0	0	0.0	10	2.1
BUKIDNON	1	0.1	12	1.3	1	0.1	2	0.2
CAMIGUIN	0	0.0	1	1.4	0	0.0	4	5.8
MISAMIS OCC.	0	0.0	3	1.2	0	0.0	1	0.4
MISAMIS OR.	0	0.0	11	2.3	0	0.0	7	1.4
SURIGAO DEL NORTE	0	0.0	15	4.2	0	0.0	4	1.1
<b>BUTUAN CITY</b>	<b>1</b>	<b>0.4</b>	<b>3</b>	<b>1.2</b>	<b>0</b>	<b>0.0</b>	<b>4</b>	<b>1.6</b>
CAGAYAN DEL ORO	0	0.0	4	1.1	0	0.0	4	1.1
GINGOOG CITY	0	0.0	0	0.0	0	0.0	5	5.5
OROQUIETA CITY	0	0.0	0	0.0	0	0.0	0	0.0
OZAMIS CITY	0	0.0	2	2.0	0	0.0	0	0.0
SURIGAO CITY	0	0.0	5	4.9	0	0.0	1	1.0
TANGUB CITY	0	0.0	2	4.3	0	0.0	1	2.2
<b>REGION 11</b>	<b>5</b>	<b>0.1</b>	<b>79</b>	<b>1.6</b>	<b>0</b>	<b>0.0</b>	<b>51</b>	<b>1.0</b>
COTABATO SOUTH	1	0.2	6	1.0	0	0.0	4	0.7
DAVAO ORIENTAL	0	0.0	15	3.5	0	0.0	11	2.5
DAVAO DEL NORTE	1	0.1	10	0.8	0	0.0	11	0.9
DAVAO DEL SUR	0	0.0	16	2.3	0	0.0	7	1.0
SURIGAO DEL SUR	1	0.2	7	1.4	0	0.0	11	2.2
SARANGANI	0	0.0	3	0.9	0	0.0	1	0.3
<b>DAVAO CITY</b>	<b>2</b>	<b>0.2</b>	<b>14</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	<b>6</b>	<b>0.6</b>
GEN. SANTOS CITY	0	0.0	8	2.8	0	0.0	0	0.0
<b>REGION 12</b>	<b>5</b>	<b>0.2</b>	<b>32</b>	<b>1.4</b>	<b>0</b>	<b>0.0</b>	<b>11</b>	<b>0.5</b>
LANAO DEL NORTE	4	0.9	7	1.6	0	0.0	2	0.5
NORTH COTABATO	0	0.0	12	1.4	0	0.0	3	0.4
SULTAN KUDARAT	0	0.0	6	1.2	0	0.0	3	0.6
<b>COTABATO CITY</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
ILIGAN CITY	1	0.4	5	2.0	0	0.0	3	1.2
MARAWI CITY	0	0.0	2	2.0	0	0.0	0	0.0
<b>A.R.M.M.</b>	<b>10</b>	<b>0.5</b>	<b>18</b>	<b>0.9</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>0.1</b>
LANAO DEL SUR	7	1.2	9	1.6	0	0.0	1	0.2
MAGUINDANAO	2	0.3	0	0.0	0	0.0	0	0.0
SULU	1	0.2	8	1.6	0	0.0	2	0.4
TAWI-TAWI	0	0.0	1	0.4	0	0.0	0	0.0

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	GONOC. PNEU- MONIA (480-486)		INFLUENZA (487)		TB MENINGITIS (098)		DISORDER OF THE HEART (393-398)		DIPHTHERIA (032)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>35,580</b>	<b>53.1</b>	<b>455</b>	<b>0.7</b>	<b>569</b>	<b>0.8</b>	<b>9,648</b>	<b>14.4</b>	<b>56</b>	<b>0.1</b>
<b>NAT. CAP. REGION</b>	<b>4,873</b>	<b>55.9</b>	<b>13</b>	<b>0.1</b>	<b>161</b>	<b>1.8</b>	<b>1,704</b>	<b>19.5</b>	<b>10</b>	<b>0.1</b>
1ST DIST. MANILA	1,142	43.2	2	0.1	47	1.8	355	13.4	2	0.1
2ND DIST. MUN.	570	50.5	1	0.1	23	2.0	287	25.4	0	0.0
QUEZON CITY	1,093	59.6	3	0.2	32	1.7	351	19.1	0	0.0
3RD DIST. MUN.	461	50.8	1	0.1	15	1.7	217	23.9	1	0.1
CALOOCAN CITY	723	86.1	3	0.4	25	3.0	151	18.0	1	0.1
4TH DIST. MUN.	698	72.4	3	0.3	16	1.7	282	29.2	5	0.5
PASAY CITY	186	46.0	0	0.0	3	0.7	61	15.1	1	0.2
<b>C.A.R.</b>	<b>441</b>	<b>34.8</b>	<b>12</b>	<b>0.9</b>	<b>5</b>	<b>0.4</b>	<b>148</b>	<b>11.7</b>	<b>0</b>	<b>0.0</b>
ABRA	168	84.4	9	4.5	2	1.0	45	22.6	0	0.0
BENGUET	77	22.6	0	0.0	1	0.3	31	9.1	0	0.0
IFUGAO	32	19.8	2	1.2	0	0.0	3	1.9	0	0.0
KALINGA APAYAO	48	20.7	0	0.0	0	0.0	17	7.3	0	0.0
MT. PROVINCE	68	53.8	0	0.0	0	0.0	15	11.9	0	0.0
BAGUIO CITY	48	23.3	1	0.5	2	1.0	37	18.0	0	0.0
<b>REGION 1</b>	<b>3,360</b>	<b>86.6</b>	<b>94</b>	<b>2.4</b>	<b>18</b>	<b>0.5</b>	<b>710</b>	<b>18.3</b>	<b>3</b>	<b>0.1</b>
ILOCOS NORTE	252	61.5	9	2.2	1	0.2	105	25.6	0	0.0
ILOCOS SUR	378	67.3	1	0.2	1	0.2	80	14.2	0	0.0
LA UNION	474	78.7	9	1.5	3	0.5	129	21.4	0	0.0
PANGASINAN	1,985	102.2	57	2.9	11	0.6	340	17.5	3	0.2
DAGUPAN CITY	131	97.9	0	0.0	0	0.0	11	8.2	0	0.0
LAOAG CITY	61	67.1	1	1.1	1	1.1	38	41.8	0	0.0
SAN CARLOS CITY	79	58.0	17	12.5	1	0.7	7	5.1	0	0.0
<b>REGION 2</b>	<b>1,777</b>	<b>68.7</b>	<b>17</b>	<b>0.7</b>	<b>7</b>	<b>0.3</b>	<b>489</b>	<b>18.9</b>	<b>4</b>	<b>0.2</b>
BATANES	20	123.7	0	0.0	0	0.0	1	6.2	0	0.0
CAGAYAN	822	90.6	11	1.2	2	0.2	136	15.0	2	0.2
ISABELA	716	59.7	5	0.4	4	0.3	267	22.3	2	0.2
NUEVA VIZCAYA	157	47.1	0	0.0	1	0.3	69	20.7	0	0.0
QUIRINO	62	48.1	1	0.8	0	0.0	16	12.4	0	0.0
<b>REGION 3</b>	<b>2,760</b>	<b>40.4</b>	<b>23</b>	<b>0.3</b>	<b>47</b>	<b>0.7</b>	<b>1,145</b>	<b>16.7</b>	<b>4</b>	<b>0.1</b>
BATAAN	166	35.1	1	0.2	3	0.6	53	11.2	1	0.2
BULACAN	759	45.3	2	0.1	11	0.7	327	19.5	0	0.0
NUEVA ECIJA	496	43.7	16	1.4	6	0.5	311	27.4	1	0.1
PAMPANGA	308	21.5	0	0.0	13	0.9	172	12.0	0	0.0
TARLAC	413	43.9	2	0.2	7	0.7	161	17.1	1	0.1
ZAMBALES	229	56.5	1	0.2	2	0.5	72	17.8	0	0.0
ANGELES CITY	81	31.0	0	0.0	0	0.0	12	4.6	0	0.0

**SELECTED CAUSES OF DEATH  
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PHILIPPINES  
1993**

AREA	GONOC. PNEU- MONIA (480-486)		INFLUENZA (487)		TB MENINGITIS (098)		DISORDER OF THE HEART (393-398)		DIPHTHERIA (032)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	148	78.1	0	0.0	0	0.0	14	7.4	1	0.5
OLONGAPO CITY	61	28.8	0	0.0	2	0.9	14	6.6	0	0.0
PALAYAN CITY	17	76.0	0	0.0	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	82	90.4	1	1.1	3	3.3	9	9.9	0	0.0
<b>REGION 4</b>	<b>4,610</b>	<b>50.1</b>	<b>44</b>	<b>0.5</b>	<b>92</b>	<b>1.0</b>	<b>1,576</b>	<b>17.1</b>	<b>12</b>	<b>0.1</b>
AURORA	79	50.1	1	0.6	0	0.0	28	17.8	0	0.0
BATANGAS	674	54.8	1	0.1	7	0.6	196	15.9	2	0.2
CAVITE	687	59.9	9	0.8	19	1.7	253	22.0	0	0.0
LAGUNA	513	37.7	2	0.1	11	0.8	259	19.1	1	0.1
MARINDUQUE	118	59.6	5	2.5	2	1.0	28	14.1	0	0.0
MINDORO OCC.	110	35.3	0	0.0	2	0.6	29	9.3	0	0.0
MINDORO OR.	242	39.9	5	0.8	4	0.7	96	15.8	0	0.0
PALAWAN	100	20.3	0	0.0	1	0.2	17	3.5	1	0.2
QUEZON	958	71.3	6	0.4	23	1.7	264	19.7	3	0.2
RIZAL	595	52.4	7	0.6	15	1.3	220	19.4	4	0.4
ROMBLON	131	53.2	5	2.0	0	0.0	39	15.8	1	0.4
BATANGAS CITY	47	23.4	3	1.5	0	0.0	39	19.4	0	0.0
CAVITE CITY	42	40.8	0	0.0	1	1.0	37	35.9	0	0.0
LIPA CITY	150	86.2	0	0.0	2	1.1	10	5.7	0	0.0
LUCENA CITY	67	40.5	0	0.0	2	1.2	33	19.9	0	0.0
PUERTO PRINCESSA	44	42.4	0	0.0	0	0.0	6	5.8	0	0.0
SAN PABLO CITY	38	20.9	0	0.0	3	1.6	16	8.8	0	0.0
TAGAYTAY CITY	11	41.2	0	0.0	0	0.0	4	15.0	0	0.0
TRECE MARTIRES	4	22.7	0	0.0	0	0.0	2	11.3	0	0.0
<b>REGION 5</b>	<b>2,778</b>	<b>64.7</b>	<b>44</b>	<b>1.0</b>	<b>59</b>	<b>1.4</b>	<b>834</b>	<b>19.4</b>	<b>7</b>	<b>0.2</b>
ALBAY	620	72.3	1	0.1	15	1.8	188	21.9	1	0.1
CAMARINES NORTE	416	94.9	2	0.5	3	0.7	128	29.2	1	0.2
CAMARINES SUR	776	62.6	15	1.2	21	1.7	249	20.1	3	0.2
CATANDUANES	202	98.4	1	0.5	1	0.5	36	17.5	1	0.5
MASBATE	253	39.3	1	0.2	0	0.0	48	7.4	0	0.0
SORSOGON	367	64.9	22	3.9	6	1.1	127	22.5	1	0.2
IRIGA CITY	31	37.6	2	2.4	2	2.4	7	8.5	0	0.0
LEGASPI CITY	42	31.7	0	0.0	5	3.8	22	16.6	0	0.0
NAGA CITY	71	55.5	0	0.0	6	4.7	29	22.7	0	0.0
<b>REGION 6</b>	<b>3,995</b>	<b>67.7</b>	<b>121</b>	<b>2.1</b>	<b>36</b>	<b>0.6</b>	<b>832</b>	<b>14.1</b>	<b>5</b>	<b>0.1</b>
AKLAN	238	57.4	2	0.5	0	0.0	79	19.1	0	0.0
ANTIQUE	623	140.4	10	2.3	0	0.0	45	10.1	0	0.0
CAPIZ	458	87.0	9	1.7	1	0.2	83	15.8	0	0.0
ILOILO	1,250	86.4	5	0.3	6	0.4	253	17.5	1	0.1
NEGROS OCC.	787	51.8	47	3.1	13	0.9	118	7.8	2	0.1
GUIMARAS	11	8.9	0	0.0		0.0	20	16.2	0	0.0
BACOLOD CITY	164	41.1	15	3.8	6	1.5	58	14.5	2	0.5

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	GONOC. PNEU- MONIA (480-486)		INFLUENZA (487)		TB MENINGITIS (098)		DISORDER OF THE HEART (393-398)		DIPHTHERIA (032)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	83	61.7	1	0.7	2	1.5	14	10.4	0	0.0
CADIZ CITY	48	36.6	1	0.8	0	0.0	8	6.1	0	0.0
ILOILO CITY	84	23.1	25	6.9	4	1.1	64	17.6	0	0.0
LA CARLOTA CITY	48	77.7	0	0.0	1	1.6	19	30.7	0	0.0
ROXAS CITY	50	44.6	0	0.0	2	1.8	20	17.8	0	0.0
SAN CARLOS CITY	75	64.8	1	0.9	0	0.0	39	33.7	0	0.0
SILAY CITY	76	68.7	5	4.5	1	0.9	12	10.8	0	0.0
<b>REGION 7</b>	<b>3,140</b>	<b>62.2</b>	<b>15</b>	<b>0.3</b>	<b>46</b>	<b>0.9</b>	<b>727</b>	<b>14.4</b>	<b>3</b>	<b>0.1</b>
BOHOL	637	65.2	2	0.2	2	0.2	157	16.1	0	0.0
CEBU	1,179	70.4	6	0.4	11	0.7	248	14.8	1	0.1
NEGROS OR.	532	65.4	5	0.6	2	0.2	68	8.4	1	0.1
SIQUIJOR	81	101.9	0	0.0	1	1.3	9	11.3	0	0.0
BAIS CITY	1	1.5	0	0.0	0	0.0	1	1.5	0	0.0
CANLAON CITY	45	111.4	0	0.0	0	0.0	2	5.0	0	0.0
CEBU CITY	302	44.8	1	0.1	23	3.4	65	9.6	1	0.1
DANAOS CITY	45	55.6	0	0.0	1	1.2	83	102.5	0	0.0
DUMAGUETE CITY	40	45.9	0	0.0	2	2.3	31	35.5	0	0.0
LAPU-LAPU CITY	100	61.9	1	0.6	3	1.9	9	5.6	0	0.0
MANDAWE CITY	55	27.6	0	0.0	0	0.0	25	12.6	0	0.0
TAGBILARAN CITY	24	38.9	0	0.0	0	0.0	16	25.9	0	0.0
TOLEDO CITY	99	74.7	0	0.0	1	0.8	13	9.8	0	0.0
<b>REGION 8</b>	<b>2,612</b>	<b>77.6</b>	<b>47</b>	<b>1.4</b>	<b>18</b>	<b>0.5</b>	<b>429</b>	<b>12.7</b>	<b>0</b>	<b>0.0</b>
LEYTE DEL NORTE	1,198	98.0	31	2.5	7	0.6	202	16.5	0	0.0
LEYTE DEL SUR	195	54.4	4	1.1	3	0.8	38	10.6	0	0.0
EASTERN SAMAR	73	20.3	5	1.4	0	0.0	28	7.8	0	0.0
NORTHERN SAMAR	450	107.3	5	1.2	1	0.2	87	20.7	0	0.0
WESTERN SAMAR	118	25.8	1	0.2	1	0.2	21	4.6	0	0.0
BILIRAN	58	45.8	0	0.0	0	0.0	11	8.7	0	0.0
CALBAYOG CITY	93	73.7	0	0.0	0	0.0	11	8.7	0	0.0
ORMOC CITY	179	124.9	1	0.7	3	2.1	7	4.9	0	0.0
TACLOBAN CITY	248	163.7	0	0.0	3	2.0	24	15.8	0	0.0
<b>REGION 9</b>	<b>826</b>	<b>30.2</b>	<b>4</b>	<b>0.1</b>	<b>12</b>	<b>0.4</b>	<b>164</b>	<b>6.0</b>	<b>0</b>	<b>0.0</b>
BASILAN	21	8.1	0	0.0	0	0.0	6	2.3	0	0.0
ZAMBO. DEL NORTE	204	34.2	2	0.3	2	0.3	28	4.7	0	0.0
ZAMBO. DEL SUR	274	24.6	2	0.2	3	0.3	39	3.5	0	0.0
DAPITAN CITY	28	42.5	0	0.0	0	0.0	2	3.0	0	0.0
DIPOLOG CITY	43	48.5	0	0.0	0	0.0	10	11.3	0	0.0
PAGADIAN CITY	13	10.9	0	0.0	0	0.0	2	1.7	0	0.0
ZAMBOANGA CITY	243	49.2	0	0.0	7	1.4	77	15.6	0	0.0



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AREA	GONOC. PNEU- MONIA (480-486)		INFLUENZA (487)		TB MENINGITIS (098)		DISORDER OF THE HEART (393-398)		DIPHTHERIA (032)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>1,819</b>	<b>46.6</b>	<b>7</b>	<b>0.2</b>	<b>11</b>	<b>0.3</b>	<b>344</b>	<b>8.8</b>	<b>4</b>	<b>0.1</b>
AGUSAN DEL NORTE	172	65.9	1	0.4	2	0.8	18	6.9	0	0.0
AGUSAN DEL SUR	71	14.6	0	0.0	1	0.2	15	3.1	0	0.0
BUKIDNON	248	26.0	0	0.0	3	0.3	56	5.9	1	0.1
CAMIGUIN	45	64.8	0	0.0	0	0.0	10	14.4	0	0.0
MISAMIS OCC.	196	76.3	0	0.0	0	0.0	21	8.2	0	0.0
MISAMIS OR.	281	57.5	0	0.0	0	0.0	84	17.2	2	0.4
SURIGAO DEL NORTE	197	54.7	1	0.3	1	0.3	58	16.1	0	0.0
<b>BUTUAN CITY</b>	<b>212</b>	<b>84.7</b>	<b>1</b>	<b>0.4</b>	<b>1</b>	<b>0.4</b>	<b>10</b>	<b>4.0</b>	<b>1</b>	<b>0.4</b>
CAGAYAN DEL ORO	203	54.2	0	0.0	1	0.3	53	14.1	0	0.0
GINGOOG CITY	45	49.4	1	1.1	0	0.0	1	1.1	0	0.0
OROQUIETA CITY	30	52.8	0	0.0	0	0.0	1	1.8	0	0.0
OZAMIS CITY	62	62.7	1	1.0	1	1.0	7	7.1	0	0.0
SURIGAO CITY	42	40.9	0	0.0	1	1.0	6	5.8	0	0.0
TANGUB CITY	15	32.3	2	4.3	0	0.0	4	8.6	0	0.0
<b>REGION 11</b>	<b>1,889</b>	<b>37.9</b>	<b>12</b>	<b>0.2</b>	<b>45</b>	<b>0.9</b>	<b>404</b>	<b>8.1</b>	<b>1</b>	<b>0.0</b>
COTABATO SOUTH	224	37.2	2	0.3	7	1.2	53	8.8	0	0.0
DAVAO ORIENTAL	155	35.8	1	0.2	4	0.9	31	7.2	0	0.0
DAVAO DEL NORTE	576	48.3	1	0.1	6	0.5	77	6.5	0	0.0
DAVAO DEL SUR	233	33.3	2	0.3	6	0.9	76	10.9	1	0.1
SURIGAO DEL SUR	171	34.3	3	0.6	6	1.2	37	7.4	0	0.0
SARANGANI	39	11.7	0	0.0	1	0.3	20	6.0	0	0.0
<b>DAVAO CITY</b>	<b>340</b>	<b>36.2</b>	<b>3</b>	<b>0.3</b>	<b>13</b>	<b>1.4</b>	<b>88</b>	<b>9.4</b>	<b>0</b>	<b>0.0</b>
GEN. SANTOS CITY	151	53.0	0	0.0	2	0.7	22	7.7	0	0.0
<b>REGION 12</b>	<b>635</b>	<b>28.1</b>	<b>2</b>	<b>0.1</b>	<b>11</b>	<b>0.5</b>	<b>119</b>	<b>5.3</b>	<b>2</b>	<b>0.1</b>
LANAO DEL NORTE	140	32.5	0	0.0	2	0.5	45	10.5	0	0.0
NORTH COTABATO	104	12.2	2	0.2	6	0.7	28	3.3	0	0.0
SULTAN KUDARAT	141	29.1	0	0.0	0	0.0	16	3.3	0	0.0
<b>COTABATO CITY</b>	<b>16</b>	<b>11.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>7</b>	<b>4.9</b>	<b>1</b>	<b>0.7</b>
ILIGAN CITY	232	92.2	0	0.0	3	1.2	22	8.7	1	0.4
MARAWI CITY	2	2.0	0	0.0	0	0.0	1	1.0	0	0.0
<b>A.R.M.M.</b>	<b>65</b>	<b>3.2</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>23</b>	<b>1.1</b>	<b>1</b>	<b>0.0</b>
LANAO DEL SUR	8	1.4	0	0.0	0	0.0	4	0.7	1	0.2
MAGUINDANAO	7	1.0	0	0.0	1	0.1	7	1.0	0	0.0
SULU	49	9.8	0	0.0	0	0.0	9	1.8	0	0.0
TAWI-TAWI	1	0.4	0	0.0	0	0.0	3	1.2	0	0.0

TABLE 24

**SELECTED CAUSES OF DEATH  
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PHILIPPINES  
1993**

AREA	SCHISTO-SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-208)		NUTRI-TIONAL DEFICIEN-CIES (260-269)		BRONCHITIS (466)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>258</b>	<b>0.4</b>	<b>3</b>	<b>0.0</b>	<b>25,194</b>	<b>37.6</b>	<b>3,263</b>	<b>4.9</b>	<b>253</b>	<b>0.4</b>
<b>NAT. CAP. REGION</b>	<b>10</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>4,548</b>	<b>52.2</b>	<b>294</b>	<b>3.4</b>	<b>8</b>	<b>0.1</b>
1ST DIST. MANILA	3	0.1	0	0.0	1,043	39.5	42	1.6	3	0.1
2ND DIST. MUN.	2	0.2	0	0.0	675	59.8	63	5.6	0	0.0
QUEZON CITY	1	0.1	0	0.0	1,036	56.5	54	2.9	0	0.0
3RD DIST. MUN.	1	0.1	0	0.0	422	46.5	23	2.5	0	0.0
CALOOCAN CITY	1	0.1	0	0.0	353	42.0	36	4.3	1	0.1
4TH DIST. MUN.	2	0.2	0	0.0	890	92.3	65	6.7	4	0.4
PASAY CITY	0	0.0	0	0.0	129	31.9	11	2.7	0	0.0
<b>C.A.R.</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>319</b>	<b>25.2</b>	<b>26</b>	<b>2.1</b>	<b>5</b>	<b>0.4</b>
ABRA	0	0.0	0	0.0	61	30.6	9	4.5	2	1.0
BENGUET	0	0.0	0	0.0	83	24.4	2	0.6	2	0.6
IFUGAO	0	0.0	0	0.0	22	13.6	3	1.9	0	0.0
KALINGA APAYAO	0	0.0	0	0.0	35	15.1	3	1.3	0	0.0
MT. PROVINCE	0	0.0	0	0.0	28	22.1	6	4.7	1	0.8
BAGUIO CITY	0	0.0	0	0.0	90	43.7	3	1.5	0	0.0
<b>REGION 1</b>	<b>2</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>1,798</b>	<b>46.4</b>	<b>176</b>	<b>4.5</b>	<b>20</b>	<b>0.5</b>
ILOCOS NORTE	1	0.2	0	0.0	211	51.5	25	6.1	2	0.5
ILOCOS SUR	0	0.0	0	0.0	282	50.2	47	8.4	6	1.1
LA UNION	0	0.0	0	0.0	252	41.8	19	3.2	2	0.3
PANGASINAN	1	0.1	0	0.0	857	44.1	72	3.7	9	0.5
DAGUPAN CITY	0	0.0	0	0.0	73	54.6	6	4.5	0	0.0
LAOAG CITY	0	0.0	0	0.0	76	83.6	4	4.4	1	1.1
SAN CARLOS CITY	0	0.0	0	0.0	47	34.5	3	2.2	0	0.0
<b>REGION 2</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>742</b>	<b>28.7</b>	<b>67</b>	<b>2.6</b>	<b>47</b>	<b>1.8</b>
BATANES	0	0.0	0	0.0	6	37.1	0	0.0	0	0.0
CAGAYAN	0	0.0	0	0.0	243	26.8	29	3.2	34	3.7
ISABELA	0	0.0	0	0.0	348	29.0	32	2.7	9	0.8
NUEVA VIZCAYA	1	0.3	0	0.0	113	33.9	4	1.2	0	0.0
QUIRINO	0	0.0	0	0.0	32	24.8	2	1.6	4	3.1
<b>REGION 3</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>3,274</b>	<b>47.9</b>	<b>312</b>	<b>4.6</b>	<b>15</b>	<b>0.2</b>
BATAAN	0	0.0	0	0.0	203	42.9	13	2.7	2	0.4
BULACAN	0	0.0	0	0.0	848	50.6	52	3.1	5	0.3
NUEVA ECIJA	0	0.0	0	0.0	511	45.0	83	7.3	0	0.0
PAMPANGA	1	0.1	0	0.0	668	46.7	41	2.9	2	0.1
TARLAC	0	0.0	0	0.0	476	50.5	64	6.8	1	0.1
ZAMBALES	0	0.0	0	0.0	212	52.3	17	4.2	1	0.2
ANGELES CITY	0	0.0	0	0.0	136	52.0	9	3.4	1	0.4

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AREA	SCHISTO-SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-208)		NUTRI-TIONAL DEFICIEN-CIES (260-269)		BRONCHITIS (466)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	0	0.0	105	55.4	3	1.6	0	0.0
OLONGAPO CITY	0	0.0	0	0.0	65	30.7	3	1.4	2	0.9
PALAYAN CITY	0	0.0	0	0.0	9	40.3	0	0.0	0	0.0
SAN JOSE CITY	0	0.0	0	0.0	41	45.2	27	29.8	1	1.1
<b>REGION 4</b>	<b>6</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>3,741</b>	<b>40.7</b>	<b>518</b>	<b>5.6</b>	<b>39</b>	<b>0.4</b>
AURORA	0	0.0	0	0.0	37	23.5	3	1.9	0	0.0
BATANGAS	0	0.0	0	0.0	633	51.5	52	4.2	1	0.1
CAVITE	0	0.0	0	0.0	549	47.8	48	4.2	4	0.3
LAGUNA	1	0.1	0	0.0	613	45.1	76	5.6	4	0.3
MARINDUQUE	0	0.0	0	0.0	94	47.5	23	11.6	3	1.5
MINDORO OCC.	0	0.0	0	0.0	78	25.0	16	5.1	1	0.3
MINDORO OR.	4	0.7	0	0.0	203	33.5	42	6.9	4	0.7
PALAWAN	0	0.0	0	0.0	61	12.4	19	3.9	1	0.2
QUEZON	0	0.0	0	0.0	448	33.3	83	6.2	16	1.2
RIZAL	1	0.1	0	0.0	470	41.4	46	4.1	0	0.0
ROMBLON	0	0.0	0	0.0	98	39.8	32	13.0	2	0.8
BATANGAS CITY	0	0.0	0	0.0	83	41.3	2	1.0	0	0.0
CAVITE CITY	0	0.0	0	0.0	68	66.0	2	1.9	0	0.0
LIPA CITY	0	0.0	0	0.0	102	58.6	24	13.8	0	0.0
LUCENA CITY	0	0.0	0	0.0	72	43.5	20	12.1	2	1.2
PUERTO PRINCESSA	0	0.0	0	0.0	39	37.5	6	5.8	0	0.0
SAN PABLO CITY	0	0.0	0	0.0	68	37.4	22	12.1	1	0.5
TAGAYTAY CITY	0	0.0	0	0.0	13	48.7	2	7.5	0	0.0
TRECE MARTIRES	0	0.0	0	0.0	12	68.1	0	0.0	0	0.0
<b>REGION 5</b>	<b>4</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>1,119</b>	<b>26.1</b>	<b>257</b>	<b>6.0</b>	<b>43</b>	<b>1.0</b>
ALBAY	0	0.0	0	0.0	220	25.7	62	7.2	6	0.7
CAMARINES NORTE	0	0.0	0	0.0	109	24.9	41	9.3	2	0.5
CAMARINES SUR	0	0.0	0	0.0	296	23.9	46	3.7	10	0.8
CATANDUANES	0	0.0	0	0.0	60	29.2	23	11.2	4	1.9
MASBATE	0	0.0	0	0.0	140	21.7	15	2.3	10	1.6
SORSOGON	4	0.7	0	0.0	169	29.9	33	5.8	10	1.8
IRIGA CITY	0	0.0	0	0.0	34	41.2	3	3.6	0	0.0
LEGASPI CITY	0	0.0	0	0.0	55	41.5	15	11.3	1	0.8
NAGA CITY	0	0.0	0	0.0	36	28.1	19	14.8	0	0.0
<b>REGION 6</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>2,381</b>	<b>40.4</b>	<b>462</b>	<b>7.8</b>	<b>10</b>	<b>0.2</b>
AKLAN	0	0.0	0	0.0	197	47.5	61	14.7	3	0.7
ANTIQUE	0	0.0	0	0.0	152	34.3	40	9.0	0	0.0
CAPIZ	1	0.2	0	0.0	196	37.2	63	12.0	0	0.0
ILOILO	0	0.0	0	0.0	622	43.0	101	7.0	3	0.2
NEGROS OCC.	0	0.0	0	0.0	513	33.8	111	7.3	2	0.1
GUIMARAS	0	0.0	0	0.0	44	35.7	2	1.6	0	0.0
BACOLOD CITY	0	0.0	0	0.0	205	51.4	20	5.0	0	0.0

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	SCHISTO-SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-208)		NUTRI-TIONAL DEFICIEN-CIES (260-269)		BRONCHITIS (466)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	0	0.0	0	0.0	44	32.7	3	2.2	0	0.0
CADIZ CITY	0	0.0	0	0.0	50	38.1	5	3.8	0	0.0
ILOILO CITY	0	0.0	0	0.0	180	49.6	25	6.9	1	0.3
LA CARLOTA CITY	0	0.0	0	0.0	28	45.3	5	8.1	0	0.0
ROXAS CITY	0	0.0	0	0.0	55	49.0	5	4.5	0	0.0
SAN CARLOS CITY	0	0.0	0	0.0	43	37.1	13	11.2	1	0.9
SILAY CITY	0	0.0	0	0.0	52	47.0	8	7.2	0	0.0
<b>REGION 7</b>	<b>4</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>2,697</b>	<b>53.4</b>	<b>343</b>	<b>6.8</b>	<b>12</b>	<b>0.2</b>
BOHOL	1	0.1	0	0.0	406	41.5	50	5.1	2	0.2
CEBU	3	0.2	0	0.0	999	59.7	137	8.2	3	0.2
NEGROS OR.	0	0.0	0	0.0	285	35.1	42	5.2	1	0.1
SIQUIJOR	0	0.0	0	0.0	63	79.3	8	10.1	0	0.0
BAIS CITY	0	0.0	0	0.0	3	4.6	0	0.0	0	0.0
CANLAON CITY	0	0.0	0	0.0	13	32.2	18	44.6	0	0.0
CEBU CITY	0	0.0	0	0.0	494	73.3	34	5.0	5	0.7
DANAO CITY	0	0.0	0	0.0	39	48.1	7	8.6	0	0.0
DUMAGUETE CITY	0	0.0	0	0.0	76	87.1	7	8.0	0	0.0
LAPU-LAPU CITY	0	0.0	1	0.6	110	68.1	17	10.5	0	0.0
MANDAWE CITY	0	0.0	0	0.0	113	56.8	8	4.0	0	0.0
TAGBILARAN CITY	0	0.0	0	0.0	32	51.8	1	1.6	0	0.0
TOLEDO CITY	0	0.0	0	0.0	64	48.3	14	10.6	1	0.8
<b>REGION 8</b>	<b>131</b>	<b>3.9</b>	<b>0</b>	<b>0.0</b>	<b>913</b>	<b>27.1</b>	<b>224</b>	<b>6.7</b>	<b>12</b>	<b>0.4</b>
LEYTE DEL NORTE	69	5.6	0	0.0	420	34.3	68	5.6	3	0.2
LEYTE DEL SUR	1	0.3	0	0.0	143	39.9	70	19.5	1	0.3
EASTERN SAMAR	10	2.8	0	0.0	42	11.7	2	0.6	1	0.3
NORTHERN SAMAR	38	9.1	0	0.0	95	22.7	57	13.6	2	0.5
WESTERN SAMAR	9	2.0	0	0.0	53	11.6	6	1.3	2	0.4
BILIRAN	0	0.0	0	0.0	35	27.6	0	0.0	3	2.4
CALBAYOG CITY	2	1.6	0	0.0	29	23.0	8	6.3	0	0.0
ORMOC CITY	0	0.0	0	0.0	47	32.8	12	8.4	0	0.0
TACLOBAN CITY	2	1.3	0	0.0	49	32.3	1	0.7	0	0.0
<b>REGION 9</b>	<b>8</b>	<b>0.3</b>	<b>0</b>	<b>0.0</b>	<b>570</b>	<b>20.8</b>	<b>116</b>	<b>4.2</b>	<b>3</b>	<b>0.1</b>
BASILAN	0	0.0	0	0.0	26	10.0	3	1.2	0	0.0
ZAMBO. DEL NORTE	0	0.0	0	0.0	124	20.8	27	4.5	0	0.0
ZAMBO. DEL SUR	8	0.7	0	0.0	176	15.8	35	3.1	2	0.2
DAPITAN CITY	0	0.0	0	0.0	39	59.1	2	3.0	0	0.0
DIPOLOG CITY	0	0.0	0	0.0	41	46.2	16	18.0	1	1.1
PAGADIAN CITY	0	0.0	0	0.0	16	13.5	7	5.9	0	0.0
ZAMBOANGA CITY	0	0.0	0	0.0	148	29.9	26	5.3	0	0.0

**SELECTED CAUSES OF DEATH  
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PHILIPPINES  
1993**

AREA	SCHISTO- SOMIASIS (120)		FILARIASIS (125)		MALIGNANT NEOPLASMS (140-208)		NUTRI- TIONAL DEFICIEN- CIES (260-269)		BRONCHITIS (466)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>37</b>	<b>0.9</b>	<b>0</b>	<b>0.0</b>	<b>1,153</b>	<b>29.6</b>	<b>178</b>	<b>4.6</b>	<b>13</b>	<b>0.3</b>
AGUSAN DEL NORTE	8	3.1	0	0.0	83	31.8	4	1.5	0	0.0
AGUSAN DEL SUR	5	1.0	0	0.0	70	14.4	13	2.7	0	0.0
BUKIDNON	5	0.5	0	0.0	90	9.4	16	1.7	3	0.3
CAMIGUIN	0	0.0	0	0.0	34	49.0	12	17.3	2	2.9
MISAMIS OCC.	1	0.4	0	0.0	120	46.7	13	5.1	2	0.8
MISAMIS OR.	0	0.0	0	0.0	210	43.0	29	5.9	3	0.6
SURIGAO DEL NORTE	8	2.2	0	0.0	90	25.0	33	9.2	0	0.0
BUTUAN CITY	4	1.6	0	0.0	90	36.0	8	3.2	0	0.0
CAGAYAN DEL ORO	1	0.3	0	0.0	168	44.8	11	2.9	0	0.0
GINGOOG CITY	0	0.0	0	0.0	37	40.6	11	12.1	1	1.1
OROQUIETA CITY	0	0.0	0	0.0	28	49.3	4	7.0	0	0.0
OZAMIS CITY	0	0.0	0	0.0	58	58.6	6	6.1	2	2.0
SURIGAO CITY	2	1.9	0	0.0	47	45.8	8	7.8	0	0.0
TANGUB CITY	3	6.5	0	0.0	28	60.3	10	21.5	0	0.0
<b>REGION 11</b>	<b>38</b>	<b>0.8</b>	<b>2</b>	<b>0.0</b>	<b>1,469</b>	<b>29.5</b>	<b>219</b>	<b>4.4</b>	<b>11</b>	<b>0.2</b>
COTABATO SOUTH	1	0.2	0	0.0	178	29.5	14	2.3	1	0.2
DAVAO ORIENTAL	1	0.2	1	0.2	113	26.1	12	2.8	1	0.2
DAVAO DEL NORTE	26	2.2	0	0.0	282	23.7	90	7.6	0	0.0
DAVAO DEL SUR	3	0.4	0	0.0	184	26.3	27	3.9	1	0.1
SURIGAO DEL SUR	3	0.6	0	0.0	116	23.3	42	8.4	8	1.6
SARANGANI	0	0.0	0	0.0	43	12.9	1	0.3	0	0.0
DAVAO CITY	4	0.4	1	0.1	457	48.7	23	2.4	0	0.0
GEN. SANTOS CITY	0	0.0	0	0.0	96	33.7	10	3.5	0	0.0
<b>REGION 12</b>	<b>15</b>	<b>0.7</b>	<b>0</b>	<b>0.0</b>	<b>414</b>	<b>18.3</b>	<b>63</b>	<b>2.8</b>	<b>14</b>	<b>0.6</b>
LANAO DEL NORTE	3	0.7	0	0.0	78	18.1	10	2.3	4	0.9
NORTH COTABATO	12	1.4	0	0.0	128	15.0	19	2.2	3	0.4
SULTAN KUDARAT	0	0.0	0	0.0	66	13.6	13	2.7	0	0.0
COTABATO CITY	0	0.0	0	0.0	39	27.4	7	4.9	0	0.0
ILIGAN CITY	0	0.0	0	0.0	100	39.7	14	5.6	7	2.8
MARAWI CITY	0	0.0	0	0.0	3	2.9	0	0.0	0	0.0
<b>A.R.M.M.</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>56</b>	<b>2.8</b>	<b>8</b>	<b>0.4</b>	<b>1</b>	<b>0.0</b>
LANAO DEL SUR	0	0.0	0	0.0	7	1.2	1	0.2	0	0.0
MAGUINDANAO	0	0.0	0	0.0	28	4.0	4	0.6	0	0.0
SULU	0	0.0	0	0.0	19	3.8	3	0.6	1	0.2
TAWI-TAWI	0	0.0	0	0.0	2	0.8	0	0.0	0	0.0

**SELECTED CAUSES OF DEATH**  
**BY HEALTH REGION, PROVINCE & CITY**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1993**

AREA	MALARIA INFECTION (084)		SYPHILIS (090-097)		GONOCOCCAL INFECTION (098)		AIDS (042)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>811</b>	<b>1.2</b>	<b>6</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>11</b>	<b>0.0</b>
<b>NAT. CAP. REGION</b>	<b>25</b>	<b>0.3</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>6</b>	<b>0.1</b>
1ST DIST. MANILA	3	0.1	0	0.0	0	0.0	3	0.1
2ND DIST. MUN.	3	0.3	1	0.1	0	0.0	2	0.2
QUEZON CITY	8	0.4	0	0.0	0	0.0	0	0.0
3RD DIST. MUN.	3	0.3	0	0.0	0	0.0	0	0.0
CALOOCAN CITY	3	0.4	0	0.0	0	0.0	0	0.0
4TH DIST. MUN.	4	0.4	0	0.0	0	0.0	1	0.1
PASAY CITY	1	0.2	0	0.0	0	0.0	0	0.0
<b>C.A.R.</b>	<b>18</b>	<b>1.4</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
ABRA	1	0.5	0	0.0	0	0.0	0	0.0
BENGUET	1	0.3	0	0.0	0	0.0	0	0.0
IFUGAO	3	1.9	0	0.0	0	0.0	0	0.0
KALINGA APAYAO	13	5.6	0	0.0	0	0.0	0	0.0
MT. PROVINCE	0	0.0	0	0.0	0	0.0	0	0.0
BAGUIO CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 1</b>	<b>6</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
ILOCOS NORTE	2	0.5	0	0.0	0	0.0	0	0.0
ILOCOS SUR	2	0.4	0	0.0	0	0.0	0	0.0
LA UNION	0	0.0	0	0.0	0	0.0	0	0.0
PANGASINAN	1	0.1	0	0.0	0	0.0	0	0.0
DAGUPAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
LAOAG CITY	1	1.1	0	0.0	0	0.0	0	0.0
SAN CARLOS CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 2</b>	<b>150</b>	<b>5.8</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>
BATANES	0	0.0	0	0.0	0	0.0	0	0.0
CAGAYAN	54	5.9	0	0.0	0	0.0	0	0.0
ISABELA	78	6.5	0	0.0	0	0.0	1	0.1
NUEVA VIZCAYA	9	2.7	0	0.0	0	0.0	0	0.0
QUIRINO	9	7.0	0	0.0	0	0.0	0	0.0
<b>REGION 3</b>	<b>46</b>	<b>0.7</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
BATAAN	4	0.8	0	0.0	0	0.0	0	0.0
BULACAN	8	0.5	0	0.0	0	0.0	0	0.0
NUEVA ECJA	3	0.3	0	0.0	0	0.0	0	0.0
PAMPANGA	1	0.1	0	0.0	0	0.0	0	0.0
TARLAC	4	0.4	0	0.0	0	0.0	0	0.0
ZAMBALES	18	4.4	0	0.0	0	0.0	0	0.0
ANGELES CITY	0	0.0	0	0.0	0	0.0	0	0.0

**SELECTED CAUSES OF DEATH  
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No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	MALARIA INFECTION (084)		SYPHILIS (090-097)		GONOCOCCAL INFECTION (098)		AIDS (042)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	1	0.5	0	0.0	0	0.0	0	0.0
OLONGAPO CITY	6	2.8	0	0.0	0	0.0	0	0.0
PALAYAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	1	1.1	0	0.0	0	0.0	0	0.0
REGION 4	179	1.9	0	0.0	0	0.0	0	0.0
AURORA	13	8.2	0	0.0	0	0.0	0	0.0
BATANGAS	1	0.1	0	0.0	0	0.0	0	0.0
CAVITE	2	0.2	0	0.0	0	0.0	0	0.0
LAGUNA	11	0.8	0	0.0	0	0.0	0	0.0
MARINDUQUE	2	1.0	0	0.0	0	0.0	0	0.0
MINDORO OCC.	17	5.5	0	0.0	0	0.0	0	0.0
MINDORO OR.	3	0.5	0	0.0	0	0.0	0	0.0
PALAWAN	75	15.3	0	0.0	0	0.0	0	0.0
QUEZON	26	1.9	0	0.0	0	0.0	0	0.0
RIZAL	19	1.7	0	0.0	0	0.0	0	0.0
ROMBLON	0	0.0	0	0.0	0	0.0	0	0.0
BATANGAS CITY	0	0.0	0	0.0	0	0.0	0	0.0
CAVITE CITY	0	0.0	0	0.0	0	0.0	0	0.0
LIPA CITY	0	0.0	0	0.0	0	0.0	0	0.0
LUCENA CITY	3	1.8	0	0.0	0	0.0	0	0.0
PUERTO PRINCESSA	7	6.7	0	0.0	0	0.0	0	0.0
SAN PABLO CITY	0	0.0	0	0.0	0	0.0	0	0.0
TAGAYTAY CITY	0	0.0	0	0.0	0	0.0	0	0.0
TRECE MARTIRES	0	0.0	0	0.0	0	0.0	0	0.0
REGION 5	9	0.2	2	0.0	0	0.0	0	0.0
ALBAY	1	0.1	0	0.0	0	0.0	0	0.0
CAMARINES NORTE	3	0.7	1	0.2	0	0.0	0	0.0
CAMARINES SUR	1	0.1	0	0.0	0	0.0	0	0.0
CATANDUANES	0	0.0	0	0.0	0	0.0	0	0.0
MASBATE	2	0.3	1	0.2	0	0.0	0	0.0
SORSOGON	2	0.4	0	0.0	0	0.0	0	0.0
IRIGA CITY	0	0.0	0	0.0	0	0.0	0	0.0
LEGASPI CITY	0	0.0	0	0.0	0	0.0	0	0.0
NAGA CITY	0	0.0	0	0.0	0	0.0	0	0.0
REGION 6	7	0.1	2	0.0	0	0.0	2	0.0
AKLAN	0	0.0	0	0.0	0	0.0	0	0.0
ANTIQUE	3	0.7	0	0.0	0	0.0	0	0.0
CAPIZ	0	0.0	0	0.0	0	0.0	0	0.0
ILOILO	0	0.0	0	0.0	0	0.0	0	0.0
NEGROS OCC.	2	0.1	2	0.1	0	0.0	1	0.1
GUIMARAS	0	0.0	0	0.0	0	0.0	1	0.8
BACOLOD CITY	2	0.5	0	0.0	0	0.0	0	0.0

TABLE 24

**SELECTED CAUSES OF DEATH  
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No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	MALARIA INFECTION (084)		SYPHILIS (090-097)		GONOCOCCAL INFECTION (098)		AIDS (042)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	0	0.0	0	0.0	0	0.0	0	0.0
CADIZ CITY	0	0.0	0	0.0	0	0.0	0	0.0
ILOILO CITY	0	0.0	0	0.0	0	0.0	0	0.0
LA CARLOTA CITY	0	0.0	0	0.0	0	0.0	0	0.0
ROXAS CITY	0	0.0	0	0.0	0	0.0	0	0.0
SAN CARLOS CITY	0	0.0	0	0.0	0	0.0	0	0.0
SILAY CITY	0	0.0	0	0.0	0	0.0	0	0.0
REGION 7	4	0.1	0	0.0	0	0.0	1	0.0
BOHOL	0	0.0	0	0.0	0	0.0	0	0.0
CEBU	2	0.1	0	0.0	0	0.0	1	0.1
NEGROS OR.	0	0.0	0	0.0	0	0.0	0	0.0
SIQUIJOR	0	0.0	0	0.0	0	0.0	0	0.0
BAIS CITY	0	0.0	0	0.0	0	0.0	0	0.0
CANLAON CITY	0	0.0	0	0.0	0	0.0	0	0.0
CEBU CITY	2	0.3	0	0.0	0	0.0	0	0.0
DANAO CITY	0	0.0	0	0.0	0	0.0	0	0.0
DUMAGUETE CITY	0	0.0	0	0.0	0	0.0	0	0.0
LAPU-LAPU CITY	0	0.0	0	0.0	0	0.0	0	0.0
MANDAWE CITY	0	0.0	0	0.0	0	0.0	0	0.0
TAGBILARAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
TOLEDO CITY	0	0.0	0	0.0	0	0.0	0	0.0
REGION 8	1	0.0	0	0.0	0	0.0	1	0.0
LEYTE DEL NORTE	0	0.0	0	0.0	0	0.0	1	0.1
LEYTE DEL SUR	0	0.0	0	0.0	0	0.0	0	0.0
EASTERN SAMAR	1	0.3	0	0.0	0	0.0	0	0.0
NORTHERN SAMAR	0	0.0	0	0.0	0	0.0	0	0.0
WESTERN SAMAR	0	0.0	0	0.0	0	0.0	0	0.0
BILIRAN	0	0.0	0	0.0	0	0.0	0	0.0
CALBAYOG CITY	0	0.0	0	0.0	0	0.0	0	0.0
ORMOC CITY	0	0.0	0	0.0	0	0.0	0	0.0
TACLOBAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
REGION 9	46	1.7	1	0.0	0	0.0	0	0.0
BASILAN	4	1.5	0	0.0	0	0.0	0	0.0
ZAMBO. DEL NORTE	16	2.7	0	0.0	0	0.0	0	0.0
ZAMBO. DEL SUR	11	1.0	1	0.1	0	0.0	0	0.0
DAPITAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
DIPOLOG CITY	1	1.1	0	0.0	0	0.0	0	0.0
PAGADIAN CITY	3	2.5	0	0.0	0	0.0	0	0.0
ZAMBOANGA CITY	11	2.2	0	0.0	0	0.0	0	0.0



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PHILIPPINES  
1993**

AREA	MALARIA INFECTION (084)		SYPHILIS (090-097)		GONOCOCCAL INFECTION (098)		AIDS (042)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>109</b>	<b>2.8</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
AGUSAN DEL NORTE	14	5.4	0	0.0	0	0.0	0	0.0
AGUSAN DEL SUR	22	4.5	0	0.0	0	0.0	0	0.0
BUKIDNON	8	0.8	0	0.0	0	0.0	0	0.0
CAMIGUIN	0	0.0	0	0.0	0	0.0	0	0.0
MISAMIS OCC.	0	0.0	0	0.0	0	0.0	0	0.0
MISAMIS OR.	14	2.9	0	0.0	0	0.0	0	0.0
SURIGAO DEL NORTE	3	0.8	0	0.0	0	0.0	0	0.0
BUTUAN CITY	27	10.8	0	0.0	0	0.0	0	0.0
CAGAYAN DEL ORO	1	0.3	0	0.0	0	0.0	0	0.0
GINGOOG CITY	19	20.8	0	0.0	0	0.0	0	0.0
OROQUIETA CITY	0	0.0	0	0.0	0	0.0	0	0.0
OZAMIS CITY	0	0.0	0	0.0	0	0.0	0	0.0
SURIGAO CITY	1	1.0	0	0.0	0	0.0	0	0.0
TANGUB CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 11</b>	<b>145</b>	<b>2.9</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
COTABATO SOUTH	1	0.2	0	0.0	0	0.0	0	0.0
DAVAO ORIENTAL	19	4.4	0	0.0	0	0.0	0	0.0
DAVAO DEL NORTE	70	5.9	0	0.0	0	0.0	0	0.0
DAVAO DEL SUR	6	0.9	0	0.0	0	0.0	0	0.0
SURIGAO DEL SUR	21	4.2	0	0.0	0	0.0	0	0.0
SARANGANI	3	0.9	0	0.0	0	0.0	0	0.0
DAVAO CITY	19	2.0	0	0.0	0	0.0	0	0.0
GEN. SANTOS CITY	6	2.1	0	0.0	0	0.0	0	0.0
<b>REGION 12</b>	<b>36</b>	<b>1.6</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
LANAO DEL NORTE	7	1.6	0	0.0	0	0.0	0	0.0
NORTH COTABATO	3	0.4	0	0.0	0	0.0	0	0.0
SULTAN KUDARAT	14	2.9	0	0.0	0	0.0	0	0.0
COTABATO CITY	5	3.5	0	0.0	0	0.0	0	0.0
ILIGAN CITY	7	2.8	0	0.0	0	0.0	0	0.0
MARAWI CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>A.R.M.M.</b>	<b>30</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
LANAO DEL SUR	2	0.4	0	0.0	0	0.0	0	0.0
MAGUINDANAO	5	0.7	0	0.0	0	0.0	0	0.0
SULU	20	4.0	0	0.0	0	0.0	0	0.0
TAWI-TAWI	3	1.2	0	0.0	0	0.0	0	0.0

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	VIRAL ENCEPHA- LITIS (062-064; 139)		INFECTIOUS HEPATITIS (070)		RABIES (071)		MUMPS (072)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>18</b>	<b>0.0</b>	<b>1,022</b>	<b>1.5</b>	<b>492</b>	<b>0.7</b>	<b>4</b>	<b>0.0</b>
<b>NAT. CAP. REGION</b>	<b>3</b>	<b>0.0</b>	<b>124</b>	<b>1.4</b>	<b>28</b>	<b>0.3</b>	<b>0</b>	<b>0.0</b>
1ST DIST. MANILA	0	0.0	25	0.9	1	0.0	0	0.0
2ND DIST. MUN.	0	0.0	16	1.4	2	0.2	0	0.0
QUEZON CITY	1	0.1	22	1.2	6	0.3	0	0.0
3RD DIST. MUN.	0	0.0	14	1.5	5	0.6	0	0.0
CALOOCAN CITY	0	0.0	20	2.4	4	0.5	0	0.0
4TH DIST. MUN.	2	0.2	25	2.6	10	1.0	0	0.0
PASAY CITY	0	0.0	2	0.5	0	0.0	0	0.0
<b>C.A.R.</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>12</b>	<b>0.9</b>	<b>1</b>	<b>0.1</b>
ABRA	0	0.0	0	0.0	1	0.5	0	0.0
BENGUET	0	0.0	0	0.0	1	0.3	0	0.0
IFUGAO	0	0.0	0	0.0	0	0.0	0	0.0
KALINGA APAYAO	0	0.0	0	0.0	3	1.3	0	0.0
MT. PROVINCE	0	0.0	0	0.0	5	4.0	1	0.8
BAGUIO CITY	0	0.0	0	0.0	2	1.0	0	0.0
<b>REGION 1</b>	<b>1</b>	<b>0.0</b>	<b>53</b>	<b>1.4</b>	<b>48</b>	<b>1.2</b>	<b>0</b>	<b>0.0</b>
ILOCOS NORTE	1	0.2	6	1.5	4	1.0	0	0.0
ILOCOS SUR	0	0.0	11	2.0	7	1.2	0	0.0
LA UNION	0	0.0	5	0.8	11	1.8	0	0.0
PANGASINAN	0	0.0	30	1.5	21	1.1	0	0.0
DAGUPAN CITY	0	0.0	1	0.7	3	2.2	0	0.0
LAOAG CITY	0	0.0	0	0.0	1	1.1	0	0.0
SAN CARLOS CITY	0	0.0	0	0.0	1	0.7	0	0.0
<b>REGION 2</b>	<b>0</b>	<b>0.0</b>	<b>38</b>	<b>1.5</b>	<b>16</b>	<b>0.6</b>	<b>0</b>	<b>0.0</b>
BATANES	0	0.0	0	0.0	0	0.0	0	0.0
CAGAYAN	0	0.0	11	1.2	5	0.6	0	0.0
ISABELA	0	0.0	21	1.8	8	0.7	0	0.0
NUEVA VIZCAYA	0	0.0	3	0.9	2	0.6	0	0.0
QUIRINO	0	0.0	3	2.3	1	0.8	0	0.0
<b>REGION 3</b>	<b>2</b>	<b>0.0</b>	<b>74</b>	<b>1.1</b>	<b>57</b>	<b>0.8</b>	<b>1</b>	<b>0.0</b>
BATAAN	0	0.0	6	1.3	6	1.3	0	0.0
BULACAN	0	0.0	25	1.5	14	0.8	0	0.0
NUEVA ECIJA	0	0.0	7	0.6	7	0.6	0	0.0
PAMPANGA	0	0.0	11	0.8	13	0.9	0	0.0
TARLAC	0	0.0	9	1.0	6	0.6	0	0.0
ZAMBALES	1	0.2	6	1.5	7	1.7	1	0.2
ANGELES CITY	1	0.4	1	0.4	1	0.4	0	0.0

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	VIRAL ENCEPHA- LITIS (062-064; 139)		INFECTIOUS HEPATITIS (070)		RABIES (071)		MUMPS (072)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	2	1.1	2	1.1	0	0.0
OLONGAPO CITY	0	0.0	6	2.8	0	0.0	0	0.0
PALAYAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	0	0.0	1	1.1	1	1.1	0	0.0
<b>REGION 4</b>	<b>4</b>	<b>0.0</b>	<b>143</b>	<b>1.6</b>	<b>40</b>	<b>0.4</b>	<b>0</b>	<b>0.0</b>
AURORA	0	0.0	2	1.3	2	1.3	0	0.0
BATANGAS	2	0.2	8	0.7	6	0.5	0	0.0
CAVITE	0	0.0	15	1.3	2	0.2	0	0.0
LAGUNA	0	0.0	20	1.5	5	0.4	0	0.0
MARINDUQUE	0	0.0	12	6.1	0	0.0	0	0.0
MINDORO OCC.	0	0.0	3	1.0	0	0.0	0	0.0
MINDORO OR.	0	0.0	18	3.0	4	0.7	0	0.0
PALAWAN	0	0.0	2	0.4	1	0.2	0	0.0
QUEZON	0	0.0	24	1.8	10	0.7	0	0.0
RIZAL	0	0.0	20	1.8	2	0.2	0	0.0
ROMBLON	0	0.0	8	3.3	2	0.8	0	0.0
BATANGAS CITY	0	0.0	1	0.5	2	1.0	0	0.0
CAVITE CITY	0	0.0	0	0.0	0	0.0	0	0.0
LIPA CITY	1	0.6	1	0.6	1	0.6	0	0.0
LUCENA CITY	0	0.0	0	0.0	0	0.0	0	0.0
PUERTO PRINCESSA	0	0.0	5	4.8	0	0.0	0	0.0
SAN PABLO CITY	1	0.5	4	2.2	3	1.6	0	0.0
TAGAYTAY CITY	0	0.0	0	0.0	0	0.0	0	0.0
TRECE MARTIRES	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 5</b>	<b>1</b>	<b>0.0</b>	<b>67</b>	<b>1.6</b>	<b>39</b>	<b>0.9</b>	<b>1</b>	<b>0.0</b>
ALBAY	0	0.0	12	1.4	12	1.4	0	0.0
CAMARINES NORTE	0	0.0	19	4.3	0	0.0	0	0.0
CAMARINES SUR	0	0.0	9	0.7	16	1.3	0	0.0
CATANDUANES	1	0.5	4	1.9	0	0.0	0	0.0
MASBATE	0	0.0	13	2.0	8	1.2	0	0.0
SORSOGON	0	0.0	7	1.2	0	0.0	0	0.0
IRIGA CITY	0	0.0	3	3.6	2	2.4	1	1.2
LEGASPI CITY	0	0.0	0	0.0	1	0.8	0	0.0
NAGA CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 6</b>	<b>3</b>	<b>0.1</b>	<b>100</b>	<b>1.7</b>	<b>61</b>	<b>1.0</b>	<b>0</b>	<b>0.0</b>
AKLAN	0	0.0	9	2.2	4	1.0	0	0.0
ANTIQUE	1	0.2	10	2.3	9	2.0	0	0.0
CAPIZ	0	0.0	1	0.2	6	1.1	0	0.0
ILOILO	0	0.0	36	2.5	24	1.7	0	0.0
NEGROS OCC.	2	0.1	26	1.7	12	0.8	0	0.0
GUTIMARAS	0	0.0	0	0.0	1	0.8	0	0.0
BACOLOD CITY	0	0.0	7	1.8	2	0.5	0	0.0

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	VIRAL ENCEPHA- LITIS (062-064; 139)		INFECTIOUS HEPATITIS (070)		RABIES (071)		MUMPS (072)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	0	0.0	1	0.7	0	0.0	0	0.0
CADIZ CITY	0	0.0	3	2.3	0	0.0	0	0.0
ILOILO CITY	0	0.0	1	0.3	1	0.3	0	0.0
LA CARLOTA CITY	0	0.0	4	6.5	0	0.0	0	0.0
ROXAS CITY	0	0.0	0	0.0	1	0.9	0	0.0
SAN CARLOS CITY	0	0.0	1	0.9	0	0.0	0	0.0
SILAY CITY	0	0.0	1	0.9	1	0.9	0	0.0
<b>REGION 7</b>	<b>1</b>	<b>0.0</b>	<b>66</b>	<b>1.3</b>	<b>33</b>	<b>0.7</b>	<b>1</b>	<b>0.0</b>
BOHOL	0	0.0	13	1.3	8	0.8	0	0.0
CEBU	0	0.0	21	1.3	11	0.7	0	0.0
NEGROS OR.	0	0.0	9	1.1	7	0.9	0	0.0
SIQUIJOR	0	0.0	3	3.8	0	0.0	0	0.0
BAIS CITY	0	0.0	0	0.0	0	0.0	0	0.0
CANLAON CITY	0	0.0	0	0.0	1	2.5	0	0.0
CEBU CITY	0	0.0	13	1.9	2	0.3	1	0.1
DANAO CITY	0	0.0	0	0.0	0	0.0	0	0.0
DUMAGUETE CITY	0	0.0	2	2.3	1	1.1	0	0.0
LAPU-LAPU CITY	0	0.0	2	1.2	0	0.0	0	0.0
MANDAWE CITY	0	0.0	2	1.0	2	1.0	0	0.0
TAGBILARAN CITY	1	1.6	1	1.6	1	1.6	0	0.0
TOLEDO CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 8</b>	<b>1</b>	<b>0.0</b>	<b>62</b>	<b>1.8</b>	<b>9</b>	<b>0.3</b>	<b>0</b>	<b>0.0</b>
LEYTE DEL NORTE	0	0.0	23	1.9	5	0.4	0	0.0
LEYTE DEL SUR	1	0.3	8	2.2	1	0.3	0	0.0
EASTERN SAMAR	0	0.0	2	0.6	0	0.0	0	0.0
NORTHERN SAMAR	0	0.0	19	4.5	0	0.0	0	0.0
WESTERN SAMAR	0	0.0	4	0.9	1	0.2	0	0.0
BILIRAN	0	0.0	3	2.4	1	0.8	0	0.0
CALBAYOG CITY	0	0.0	0	0.0	0	0.0	0	0.0
ORMOC CITY	0	0.0	0	0.0	1	0.7	0	0.0
TACLOBAN CITY	0	0.0	3	2.0	0	0.0	0	0.0
<b>REGION 9</b>	<b>0</b>	<b>0.0</b>	<b>67</b>	<b>2.4</b>	<b>20</b>	<b>0.7</b>	<b>0</b>	<b>0.0</b>
BASILAN	0	0.0	2	0.8	1	0.4	0	0.0
ZAMBO. DEL NORTE	0	0.0	14	2.3	6	1.0	0	0.0
ZAMBO. DEL SUR	0	0.0	27	2.4	7	0.6	0	0.0
DAPITAN CITY	0	0.0	2	3.0	0	0.0	0	0.0
DIPOLOG CITY	0	0.0	1	1.1	3	3.4	0	0.0
PAGADIAN CITY	0	0.0	4	3.4	0	0.0	0	0.0
ZAMBOANGA CITY	0	0.0	17	3.4	3	0.6	0	0.0

**SELECTED CAUSES OF DEATH  
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No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	VIRAL ENCEPHA- LITIS (062-064; 139)		INFECTIOUS HEPATITIS (070)		RABIES (071)		MUMPS (072)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>1</b>	<b>0.0</b>	<b>93</b>	<b>2.4</b>	<b>42</b>	<b>1.1</b>	<b>0</b>	<b>0.0</b>
AGUSAN DEL NORTE	0	0.0	5	1.9	2	0.8	0	0.0
AGUSAN DEL SUR	0	0.0	5	1.0	0	0.0	0	0.0
BUKIDNON	0	0.0	16	1.7	10	1.0	0	0.0
CAMIGUIN	0	0.0	1	1.4	0	0.0	0	0.0
MISAMIS OCC.	0	0.0	7	2.7	7	2.7	0	0.0
MISAMIS OR.	1	0.2	12	2.5	8	1.6	0	0.0
SURIGAO DEL NORTE	0	0.0	18	5.0	2	0.6	0	0.0
BUTUAN CITY	0	0.0	9	3.6	3	1.2	0	0.0
CAGAYAN DEL ORO	0	0.0	7	1.9	4	1.1	0	0.0
GINGOOG CITY	0	0.0	0	0.0	2	2.2	0	0.0
OROQUIETA CITY	0	0.0	2	3.5	0	0.0	0	0.0
OZAMIS CITY	0	0.0	4	4.0	3	3.0	0	0.0
SURIGAO CITY	0	0.0	7	6.8	1	1.0	0	0.0
TANGUB CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 11</b>	<b>1</b>	<b>0.0</b>	<b>97</b>	<b>1.9</b>	<b>61</b>	<b>1.2</b>	<b>0</b>	<b>0.0</b>
COTABATO SOUTH	0	0.0	18	3.0	8	1.3	0	0.0
DAVAO ORIENTAL	1	0.2	8	1.8	8	1.8	0	0.0
DAVAO DEL NORTE	0	0.0	21	1.8	12	1.0	0	0.0
DAVAO DEL SUR	0	0.0	13	1.9	7	1.0	0	0.0
SURIGAO DEL SUR	0	0.0	13	2.6	4	0.8	0	0.0
SARANGANI	0	0.0	6	1.8	5	1.5	0	0.0
DAVAO CITY	0	0.0	14	1.5	15	1.6	0	0.0
GEN. SANTOS CITY	0	0.0	4	1.4	2	0.7	0	0.0
<b>REGION 12</b>	<b>0</b>	<b>0.0</b>	<b>37</b>	<b>1.6</b>	<b>25</b>	<b>1.1</b>	<b>0</b>	<b>0.0</b>
LANAO DEL NORTE	0	0.0	3	0.7	8	1.9	0	0.0
NORTH COTABATO	0	0.0	11	1.3	6	0.7	0	0.0
SULTAN KUDARAT	0	0.0	5	1.0	8	1.6	0	0.0
COTABATO CITY	0	0.0	3	2.1	0	0.0	0	0.0
ILIGAN CITY	0	0.0	15	6.0	3	1.2	0	0.0
MARAWI CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>A.R.M.M.</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
LANAO DEL SUR	0	0.0	1	0.2	1	0.2	0	0.0
MAGUINDANAO	0	0.0	0	0.0	0	0.0	0	0.0
SULU	0	0.0	0	0.0	0	0.0	0	0.0
TAWI-TAWI	0	0.0	0	0.0	0	0.0	0	0.0

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY**  
No. & Rate/100,000 Pop.  
**PHILIPPINES**  
1993

AREA	ACUTE POLIOMYE- LITIS (138,045)		VARICELLA (052)		MEASLES (055)		DENGUE H-FEVER (061,065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	34	0.1	29	0.0	2,989	4.5	530	0.8
<b>NAT. CAP. REGION</b>	3	0.0	4	0.0	838	9.6	126	1.4
1ST DIST. MANILA	2	0.1	1	0.0	203	7.7	23	0.9
2ND DIST. MUN.	0	0.0	2	0.2	105	9.3	22	1.9
QUEZON CITY	0	0.0	1	0.1	143	7.8	40	2.2
3RD DIST. MUN.	1	0.1	0	0.0	97	10.7	4	0.4
CALOOCAN CITY	0	0.0	0	0.0	86	10.2	7	0.8
4TH DIST. MUN.	0	0.0	0	0.0	186	19.3	26	2.7
PASAY CITY	0	0.0	0	0.0	18	4.5	4	1.0
<b>C.A.R.</b>	0	0.0	0	0.0	24	1.9	2	0.2
ABRA	0	0.0	0	0.0	11	5.5	2	1.0
BENGUET	0	0.0	0	0.0	5	1.5	0	0.0
IFUGAO	0	0.0	0	0.0	2	1.2	0	0.0
KALINGA APAYAO	0	0.0	0	0.0	1	0.4	0	0.0
MT. PROVINCE	0	0.0	0	0.0	3	2.4	0	0.0
BAGUIO CITY	0	0.0	0	0.0	2	1.0	0	0.0
<b>REGION 1</b>	3	0.1	3	0.1	124	3.2	26	0.7
ILOCOS NORTE	1	0.2	0	0.0	14	3.4	0	0.0
ILOCOS SUR	1	0.2	1	0.2	9	1.6	6	1.1
LA UNION	0	0.0	1	0.2	19	3.2	6	1.0
PANGASINAN	1	0.1	1	0.1	62	3.2	10	0.5
DAGUPAN CITY	0	0.0	0	0.0	12	9.0	1	0.7
LAOAG CITY	0	0.0	0	0.0	5	5.5	2	2.2
SAN CARLOS CITY	0	0.0	0	0.0	3	2.2	1	0.7
<b>REGION 2</b>	2	0.1	0	0.0	113	4.4	1	0.0
BATANES	0	0.0	0	0.0	0	0.0	0	0.0
CAGAYAN	1	0.1	0	0.0	68	7.5	0	0.0
ISABELA	1	0.1	0	0.0	29	2.4	1	0.1
NUEVA VIZCAYA	0	0.0	0	0.0	6	1.8	0	0.0
QUIRINO	0	0.0	0	0.0	10	7.8	0	0.0
<b>REGION 3</b>	4	0.1	3	0.0	154	2.3	34	0.5
BATAAN	0	0.0	1	0.2	7	1.5	2	0.4
BULACAN	0	0.0	1	0.1	69	4.1	10	0.6
NUEVA ECUIJA	0	0.0	0	0.0	2	0.2	2	0.2
PAMPANGA	3	0.2	0	0.0	32	2.2	3	0.2
TARLAC	1	0.1	0	0.0	29	3.1	5	0.5
ZAMBALES	0	0.0	1	0.2	4	1.0	7	1.7
ANGELES CITY	0	0.0	0	0.0	4	1.5	2	0.8

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	ACUTE POLIOMYE- LITIS (138,045)		VARICELLA (052)		MEASLES (055)		DENGUE H-FEVER (061,065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	0	0.0	5	2.6	0	0.0
OLONGAPO CITY	0	0.0	0	0.0	1	0.5	3	1.4
PALAYAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	0	0.0	0	0.0	1	1.1	0	0.0
<b>REGION 4</b>	<b>5</b>	<b>0.1</b>	<b>3</b>	<b>0.0</b>	<b>357</b>	<b>3.9</b>	<b>88</b>	<b>1.0</b>
AURORA	0	0.0	0	0.0	3	1.9	0	0.0
BATANGAS	1	0.1	0	0.0	14	1.1	15	1.2
CAVITE	1	0.1	0	0.0	45	3.9	18	1.6
LAGUNA	0	0.0	1	0.1	31	2.3	11	0.8
MARINDUQUE	1	0.5	0	0.0	30	15.2	0	0.0
MINDORO OCC.	1	0.3	1	0.3	6	1.9	4	1.3
MINDORO OR.	0	0.0	0	0.0	15	2.5	1	0.2
PALAWAN	0	0.0	0	0.0	18	3.7	1	0.2
QUEZON	1	0.1	1	0.1	70	5.2	5	0.4
RIZAL	0	0.0	0	0.0	85	7.5	12	1.1
ROMBLON	0	0.0	0	0.0	7	2.8	1	0.4
BATANGAS CITY	0	0.0	0	0.0	1	0.5	6	3.0
CAVITE CITY	0	0.0	0	0.0	0	0.0	3	2.9
LIPA CITY	0	0.0	0	0.0	7	4.0	3	1.7
LUCENA CITY	0	0.0	0	0.0	10	6.0	5	3.0
PUERTO PRINCESSA	0	0.0	0	0.0	9	8.7	0	0.0
SAN PABLO CITY	0	0.0	0	0.0	5	2.7	2	1.1
TAGAYTAY CITY	0	0.0	0	0.0	0	0.0	0	0.0
TRECE MARTIRES	0	0.0	0	0.0	1	5.7	1	5.7
<b>REGION 5</b>	<b>3</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>116</b>	<b>2.7</b>	<b>9</b>	<b>0.2</b>
ALBAY	1	0.1	0	0.0	14	1.6	3	0.4
CAMARINES NORTE	0	0.0	0	0.0	10	2.3	0	0.0
CAMARINES SUR	0	0.0	0	0.0	44	3.6	5	0.4
CATANDUANES	0	0.0	0	0.0	3	1.5	0	0.0
MASBATE	0	0.0	0	0.0	22	3.4	0	0.0
SORSOGON	2	0.4	1	0.2	12	2.1	0	0.0
IRIGA CITY	0	0.0	0	0.0	4	4.9	1	1.2
LEGASPI CITY	0	0.0	0	0.0	3	2.3	0	0.0
NAGA CITY	0	0.0	0	0.0	4	3.1	0	0.0
<b>REGION 6</b>	<b>4</b>	<b>0.1</b>	<b>5</b>	<b>0.1</b>	<b>161</b>	<b>2.7</b>	<b>25</b>	<b>0.4</b>
AKLAN	0	0.0	0	0.0	9	2.2	2	0.5
ANTIQUE	0	0.0	0	0.0	24	5.4	0	0.0
CAPIZ	1	0.2	1	0.2	11	2.1	0	0.0
ILOILO	2	0.1	1	0.1	38	2.6	5	0.3
NEGROS OCC.	0	0.0	0	0.0	32	2.1	5	0.3
GUIMARAS	0	0.0	0	0.0	0	0.0	0	0.0
BACOLOD CITY	0	0.0	0	0.0	16	4.0	5	1.3

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	ACUTE POLIOMYELITIS (138,045)		VARICELLA (052)		MEASLES (055)		DENGUE H-FEVER (061,065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	1	0.7	0	0.0	6	4.5	0	0.0
CADIZ CITY	0	0.0	1	0.8	4	3.1	0	0.0
ILOILO CITY	0	0.0	1	0.3	5	1.4	4	1.1
LA CARLOTA CITY	0	0.0	0	0.0	6	9.7	0	0.0
ROXAS CITY	0	0.0	0	0.0	4	3.6	0	0.0
SAN CARLOS CITY	0	0.0	0	0.0	3	2.6	1	0.9
SILAY CITY	0	0.0	1	0.9	3	2.7	3	2.7
REGION 7	1	0.0	3	0.1	262	5.2	102	2.0
BOHOL	0	0.0	0	0.0	32	3.3	6	0.6
CEBU	0	0.0	1	0.1	67	4.0	29	1.7
NEGROS OR.	1	0.1	1	0.1	31	3.8	4	0.5
SIGUIJOR	0	0.0	0	0.0	0	0.0	2	2.5
BAIS CITY	0	0.0	0	0.0	0	0.0	0	0.0
CANLAON CITY	0	0.0	0	0.0	2	5.0	1	2.5
CEBU CITY	0	0.0	0	0.0	69	10.2	25	3.7
DANAO CITY	0	0.0	0	0.0	14	17.3	1	1.2
DUMAGUETE CITY	0	0.0	0	0.0	7	8.0	3	3.4
LAPU-LAPU CITY	0	0.0	0	0.0	5	3.1	12	7.4
MANDAWE CITY	0	0.0	1	0.5	21	10.5	12	6.0
TAGBILARAN CITY	0	0.0	0	0.0	2	3.2	1	1.6
TOLEDO CITY	0	0.0	0	0.0	12	9.1	6	4.5
REGION 8	1	0.0	4	0.1	171	5.1	15	0.4
LEYTE DEL NORTE	1	0.1	1	0.1	75	6.1	3	0.2
LEYTE DEL SUR	0	0.0	1	0.3	10	2.8	1	0.3
EASTERN SAMAR	0	0.0	0	0.0	4	1.1	1	0.3
NORTHERN SAMAR	0	0.0	1	0.2	39	9.3	4	1.0
WESTERN SAMAR	0	0.0	1	0.2	23	5.0	3	0.7
BILIRAN	0	0.0	0	0.0	3	2.4	1	0.8
CALBAYOG CITY	0	0.0	0	0.0	2	1.6	2	1.6
ORMOC CITY	0	0.0	0	0.0	9	6.3	0	0.0
TACLOBAN CITY	0	0.0	0	0.0	6	4.0	0	0.0
REGION 9	1	0.0	0	0.0	35	1.3	23	0.8
BASILAN	0	0.0	0	0.0	1	0.4	0	0.0
ZAMBO. DEL NORTE	0	0.0	0	0.0	6	1.0	5	0.8
ZAMBO. DEL SUR	0	0.0	0	0.0	12	1.1	7	0.6
DAPITAN CITY	1	1.5	0	0.0	0	0.0	0	0.0
DIPOLOG CITY	0	0.0	0	0.0	3	3.4	2	2.3
PAGADIAN CITY	0	0.0	0	0.0	1	0.8	1	0.8
ZAMBOANGA CITY	0	0.0	0	0.0	12	2.4	8	1.6



**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	ACUTE POLIOMYE- LITIS (138,045)		VARICELLA (852)		MEASLES (055)		DENGUE H-FEVER (061,065)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>5</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>183</b>	<b>4.7</b>	<b>28</b>	<b>0.7</b>
AGUSAN DEL NORTE	1	0.4	0	0.0	18	6.9	0	0.0
AGUSAN DEL SUR	0	0.0	0	0.0	8	1.6	3	0.6
BUKIDNON	0	0.0	0	0.0	57	6.0	7	0.7
CAMIGUIN	0	0.0	0	0.0	0	0.0	0	0.0
MISAMIS OCC.	1	0.4	0	0.0	8	3.1	2	0.8
MISAMIS OR.	0	0.0	0	0.0	20	4.1	2	0.4
SURIGAO DEL NORTE	1	0.3	1	0.3	23	6.4	1	0.3
BUTUAN CITY	0	0.0	0	0.0	16	6.4	1	0.4
CAGAYAN DEL ORO	2	0.5	0	0.0	17	4.5	5	1.3
GINGOOG CITY	0	0.0	0	0.0	5	5.5	0	0.0
OROQUIETA CITY	0	0.0	0	0.0	0	0.0	4	7.0
OZAMIS CITY	0	0.0	0	0.0	1	1.0	1	1.0
SURIGAO CITY	0	0.0	0	0.0	8	7.8	1	1.0
TANGUB CITY	0	0.0	0	0.0	2	4.3	1	2.2
<b>REGION 11</b>	<b>2</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>	<b>238</b>	<b>4.8</b>	<b>29</b>	<b>0.6</b>
COTABATO SOUTH	0	0.0	0	0.0	48	8.0	5	0.8
DAVAO ORIENTAL	0	0.0	0	0.0	7	1.6	3	0.7
DAVAO DEL NORTE	2	0.2	0	0.0	37	3.1	6	0.5
DAVAO DEL SUR	0	0.0	0	0.0	19	2.7	1	0.1
SURIGAO DEL SUR	0	0.0	0	0.0	37	7.4	1	0.2
SARANGANI	0	0.0	0	0.0	2	0.6	3	0.9
DAVAO CITY	0	0.0	2	0.2	47	5.0	5	0.5
GEN. SANTOS CITY	0	0.0	0	0.0	41	14.4	5	1.8
<b>REGION 12</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>99</b>	<b>4.4</b>	<b>21</b>	<b>0.9</b>
LANAO DEL NORTE	0	0.0	0	0.0	7	1.6	4	0.9
NORTH COTABATO	0	0.0	0	0.0	41	4.8	3	0.4
SULTAN KUDARAT	0	0.0	0	0.0	11	2.3	3	0.6
COTABATO CITY	0	0.0	0	0.0	5	3.5	2	1.4
ILIGAN CITY	0	0.0	0	0.0	35	13.9	8	3.2
MARAWI CITY	0	0.0	0	0.0	0	0.0	1	1.0
<b>A.R.M.M.</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>114</b>	<b>5.7</b>	<b>1</b>	<b>0.0</b>
LANAO DEL SUR	0	0.0	0	0.0	1	0.2	0	0.0
MAGUINDANAO	0	0.0	0	0.0	2	0.3	0	0.0
SULU	0	0.0	0	0.0	111	22.2	0	0.0
TAWI-TAWI	0	0.0	0	0.0	0	0.0	1	0.4

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	LEPROSY (030)		WHOOPIG COUGH (033)		MENINGO- CCOCAL INFECTION (036)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>99</b>	<b>0.1</b>	<b>4</b>	<b>0.0</b>	<b>195</b>	<b>0.3</b>	<b>1,008</b>	<b>1.5</b>
<b>NAT. CAP. REGION</b>	<b>14</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>54</b>	<b>0.6</b>	<b>112</b>	<b>1.3</b>
1ST DIST. MANILA	1	0.0	0	0.0	10	0.4	16	0.6
2ND DIST. MUN.	1	0.1	0	0.0	5	0.4	15	1.3
QUEZON CITY	0	0.0	0	0.0	15	0.8	24	1.3
3RD DIST. MUN.	0	0.0	0	0.0	5	0.6	13	1.4
CALOOCAN CITY	11	1.3	0	0.0	3	0.4	17	2.0
4TH DIST. MUN.	1	0.1	0	0.0	13	1.3	23	2.4
PASAY CITY	0	0.0	0	0.0	3	0.7	4	1.0
<b>C.A.R.</b>	<b>4</b>	<b>0.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>11</b>	<b>0.9</b>
ABRA	2	1.0	0	0.0	0	0.0	7	3.5
BENGUET	1	0.3	0	0.0	0	0.0	0	0.0
IFUGAO	0	0.0	0	0.0	0	0.0	1	0.6
KALINGA APAYAO	0	0.0	0	0.0	0	0.0	1	0.4
MT. PROVINCE	0	0.0	0	0.0	0	0.0	1	0.8
BAGUIO CITY	1	0.5	0	0.0	0	0.0	1	0.5
<b>REGION 1</b>	<b>13</b>	<b>0.3</b>	<b>0</b>	<b>0.0</b>	<b>8</b>	<b>0.2</b>	<b>68</b>	<b>1.8</b>
ILOCOS NORTE	1	0.2	0	0.0	3	0.7	3	0.7
ILOCOS SUR	5	0.9	0	0.0	0	0.0	14	2.5
LA UNION	1	0.2	0	0.0	2	0.3	9	1.5
PANGASINAN	6	0.3	0	0.0	3	0.2	38	2.0
DAGUPAN CITY	0	0.0	0	0.0	0	0.0	3	2.2
LAOAG CITY	0	0.0	0	0.0	0	0.0	1	1.1
SAN CARLOS CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 2</b>	<b>3</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>7</b>	<b>0.3</b>	<b>45</b>	<b>1.7</b>
BATANES	0	0.0	0	0.0	0	0.0	0	0.0
CAGAYAN	1	0.1	1	0.1	5	0.6	16	1.8
ISABELA	2	0.2	0	0.0	1	0.1	24	2.0
NUEVA VIZCAYA	0	0.0	0	0.0	1	0.3	4	1.2
QUIRINO	0	0.0	0	0.0	0	0.0	1	0.8
<b>REGION 3</b>	<b>6</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>22</b>	<b>0.3</b>	<b>75</b>	<b>1.1</b>
BATAAN	0	0.0	0	0.0	7	1.5	3	0.6
BULACAN	3	0.2	0	0.0	7	0.4	26	1.6
NUEVA ECTJA	0	0.0	0	0.0	0	0.0	14	1.2
PAMPANGA	0	0.0	0	0.0	2	0.1	7	0.5
TARLAC	2	0.2	0	0.0	2	0.2	9	1.0
ZAMBALES	0	0.0	0	0.0	0	0.0	6	1.5
ANGELES CITY	0	0.0	0	0.0	2	0.8	1	0.4

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	LEPROSY (030)		WHOOPING COUGH (033)		MENINGO- COCCAL INFECTION (036)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	0	0.0	1	0.5	6	3.2
OLONGAPO CITY	0	0.0	0	0.0	1	0.5	1	0.5
PALAYAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
SAN JOSE CITY	1	1.1	0	0.0	0	0.0	2	2.2
<b>REGION 4</b>	<b>15</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>25</b>	<b>0.3</b>	<b>131</b>	<b>1.4</b>
AURORA	0	0.0	0	0.0	0	0.0	2	1.3
BATANGAS	1	0.1	0	0.0	0	0.0	16	1.3
CAVITE	0	0.0	0	0.0	3	0.3	22	1.9
LAGUNA	0	0.0	0	0.0	4	0.3	22	1.6
MARINDUQUE	1	0.5	0	0.0	0	0.0	3	1.5
MINDORO OCC.	0	0.0	0	0.0	0	0.0	6	1.9
MINDORO OR.	0	0.0	0	0.0	1	0.2	10	1.6
PALAWAN	6	1.2	0	0.0	0	0.0	8	1.6
QUEZON	2	0.1	0	0.0	7	0.5	17	1.3
RIZAL	3	0.3	0	0.0	3	0.3	11	1.0
ROMBLON	0	0.0	0	0.0	1	0.4	2	0.8
BATANGAS CITY	0	0.0	0	0.0	3	1.5	2	1.0
CAVITE CITY	0	0.0	0	0.0	0	0.0	2	1.9
LIPA CITY	1	0.6	0	0.0	0	0.0	0	0.0
LUCENA CITY	0	0.0	0	0.0	2	1.2	3	1.8
PUERTO PRINCESSA	0	0.0	0	0.0	1	1.0	5	4.8
SAN PABLO CITY	1	0.5	0	0.0	0	0.0	0	0.0
TAGAYTAY CITY	0	0.0	0	0.0	0	0.0	0	0.0
TRECE MARTIRES	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGION 5</b>	<b>4</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>5</b>	<b>0.1</b>	<b>67</b>	<b>1.6</b>
ALBAY	0	0.0	0	0.0	1	0.1	16	1.9
CAMARINES NORTE	0	0.0	0	0.0	1	0.2	7	1.6
CAMARINES SUR	1	0.1	0	0.0	0	0.0	15	1.2
CATANDUANES	0	0.0	0	0.0	2	1.0	1	0.5
MASBATE	2	0.3	0	0.0	0	0.0	8	1.2
SORSOGON	1	0.2	0	0.0	0	0.0	17	3.0
IRIGA CITY	0	0.0	0	0.0	0	0.0	0	0.0
LEGASPI CITY	0	0.0	0	0.0	0	0.0	1	0.8
NAGA CITY	0	0.0	0	0.0	1	0.8	2	1.6
<b>REGION 6</b>	<b>6</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>14</b>	<b>0.2</b>	<b>130</b>	<b>2.2</b>
AKLAN	0	0.0	0	0.0	0	0.0	9	2.2
ANTIQUE	2	0.5	0	0.0	0	0.0	12	2.7
CAPIZ	0	0.0	0	0.0	1	0.2	6	1.1
ILOILO	2	0.1	0	0.0	1	0.1	37	2.6
NEGROS OCC.	2	0.1	0	0.0	5	0.3	37	2.4
GUIMARAS	0	0.0	0	0.0	0	0.0	1	0.8
BACOLOD CITY	0	0.0	0	0.0	2	0.5	8	2.0

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	LEPROSY (030)		WHOOPIING COUGH (033)		MENINGO- CCOCAL INFECTION (036)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	0	0.0	0	0.0	0	0.0	3	2.2
CADIZ CITY	0	0.0	0	0.0	0	0.0	4	3.1
ILOILO CITY	0	0.0	0	0.0	3	0.8	4	1.1
LA CARLOTA CITY	0	0.0	0	0.0	0	0.0	0	0.0
ROXAS CITY	0	0.0	0	0.0	2	1.8	2	1.8
SAN CARLOS CITY	0	0.0	0	0.0	0	0.0	4	3.5
SILAY CITY	0	0.0	0	0.0	0	0.0	3	2.7
REGION 7	4	0.1	2	0.0	28	0.6	90	1.8
BOHOL	0	0.0	0	0.0	2	0.2	15	1.5
CEBU	3	0.2	0	0.0	7	0.4	34	2.0
NEGROS OR.	0	0.0	1	0.1	3	0.4	12	1.5
SIQUIJOR	0	0.0	0	0.0	1	1.3	0	0.0
BAIS CITY	0	0.0	0	0.0	0	0.0	0	0.0
CANLAON CITY	0	0.0	0	0.0	0	0.0	4	9.9
CEBU CITY	0	0.0	0	0.0	7	1.0	14	2.1
DANAO CITY	0	0.0	0	0.0	3	3.7	1	1.2
DUMAGUETE CITY	0	0.0	0	0.0	2	2.3	2	2.3
LAPU-LAPU CITY	1	0.6	1	0.6	0	0.0	3	1.9
MANDAWE CITY	0	0.0	0	0.0	2	1.0	3	1.5
TAGBILARAN CITY	0	0.0	0	0.0	0	0.0	0	0.0
TOLEDO CITY	0	0.0	0	0.0	1	0.8	2	1.5
REGION 8	5	0.1	0	0.0	5	0.1	44	1.3
LEYTE DEL NORTE	0	0.0	0	0.0	4	0.3	18	1.5
LEYTE DEL SUR	1	0.3	0	0.0	0	0.0	5	1.4
EASTERN SAMAR	1	0.3	0	0.0	0	0.0	4	1.1
NORTHERN SAMAR	3	0.7	0	0.0	0	0.0	6	1.4
WESTERN SAMAR	0	0.0	0	0.0	0	0.0	1	0.2
BILIRAN	0	0.0	0	0.0	0	0.0	1	0.8
CALBAYOG CITY	0	0.0	0	0.0	0	0.0	0	0.0
ORMOC CITY	0	0.0	0	0.0	0	0.0	2	1.4
TACLOBAN CITY	0	0.0	0	0.0	1	0.7	7	4.6
REGION 9	13	0.5	0	0.0	2	0.1	47	1.7
BASILAN	2	0.8	0	0.0	0	0.0	3	1.2
ZAMBO. DEL NORTE	1	0.2	0	0.0	1	0.2	5	0.8
ZAMBO. DEL SUR	0	0.0	0	0.0	0	0.0	22	2.0
DAPITAN CITY	0	0.0	0	0.0	0	0.0	1	1.5
DIPOLOG CITY	1	1.1	0	0.0	0	0.0	5	5.6
PAGADIAN CITY	1	0.8	0	0.0	0	0.0	0	0.0
ZAMBOANGA CITY	8	1.6	0	0.0	1	0.2	11	2.2

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	LEPROSY (030)		WHOOPING COUGH (033)		MENINGO- CCOCAL INFECTION (036)		TETANUS (037)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>2</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>5</b>	<b>0.1</b>	<b>57</b>	<b>1.5</b>
AGUSAN DEL NORTE	0	0.0	0	0.0	0	0.0	5	1.9
AGUSAN DEL SUR	0	0.0	0	0.0	0	0.0	4	0.8
BUKIDNON	0	0.0	0	0.0	1	0.1	12	1.3
CAMIGUIN	0	0.0	0	0.0	0	0.0	0	0.0
MISAMIS OCC.	0	0.0	1	0.4	0	0.0	2	0.8
MISAMIS OR.	1	0.2	0	0.0	1	0.2	5	1.0
SURIGAO DEL NORTE	1	0.3	0	0.0	1	0.3	6	1.7
<b>BUTUAN CITY</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>10</b>	<b>4.0</b>
CAGAYAN DEL ORO	0	0.0	0	0.0	2	0.5	5	1.3
GINGOOG CITY	0	0.0	0	0.0	0	0.0	0	0.0
OROQUIETA CITY	0	0.0	0	0.0	0	0.0	1	1.8
OZAMIS CITY	0	0.0	0	0.0	0	0.0	4	4.0
SURIGAO CITY	0	0.0	0	0.0	0	0.0	1	1.0
TANGUB CITY	0	0.0	0	0.0	0	0.0	2	4.3
<b>REGION 11</b>	<b>6</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>12</b>	<b>0.2</b>	<b>86</b>	<b>1.7</b>
COTABATO SOUTH	1	0.2	0	0.0	0	0.0	8	1.3
DAVAO ORIENTAL	0	0.0	0	0.0	0	0.0	2	0.5
DAVAO DEL NORTE	2	0.2	0	0.0	6	0.5	28	2.3
DAVAO DEL SUR	0	0.0	0	0.0	1	0.1	13	1.9
SURIGAO DEL SUR	1	0.2	0	0.0	0	0.0	5	1.0
SARANGANI	1	0.3	0	0.0	1	0.3	3	0.9
<b>DAVAO CITY</b>	<b>1</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>0.3</b>	<b>21</b>	<b>2.2</b>
GEN. SANTOS CITY	0	0.0	0	0.0	1	0.4	6	2.1
<b>REGION 12</b>	<b>2</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>7</b>	<b>0.3</b>	<b>32</b>	<b>1.4</b>
LANAO DEL NORTE	0	0.0	0	0.0	3	0.7	13	3.0
NORTH COTABATO	1	0.1	0	0.0	1	0.1	8	0.9
SULTAN KUDARAT	1	0.2	0	0.0	2	0.4	8	1.6
<b>COTABATO CITY</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.7</b>	<b>0</b>	<b>0.0</b>
ILIGAN CITY	0	0.0	0	0.0	0	0.0	3	1.2
MARAWI CITY	0	0.0	0	0.0	0	0.0	0	0.0
<b>A.R.M.M.</b>	<b>2</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>10</b>	<b>0.5</b>
LANAO DEL SUR	0	0.0	0	0.0	0	0.0	1	0.2
MAGUINDANAO	0	0.0	0	0.0	0	0.0	2	0.3
SULU	2	0.4	0	0.0	0	0.0	7	1.4
TAWI-TAWI	0	0.0	0	0.0	0	0.0	0	0.0

TABLE 24

**SELECTED CAUSES OF DEATH  
BY HEALTH REGION, PROVINCE & CITY  
No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	FOOD POISONING BACTERIAL (005)		ENTERITIS AND OTHER DIARRHEAL DISEASES (008-009)		TB RESPIRATORY (010-012)		TB OTHER FORMS (014-018; 137)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>PHILIPPINES</b>	<b>80</b>	<b>0.1</b>	<b>4,069</b>	<b>6.1</b>	<b>23,743</b>	<b>35.4</b>	<b>268</b>	<b>0.4</b>
<b>NAT. CAP. REGION</b>	<b>0</b>	<b>0.0</b>	<b>547</b>	<b>6.3</b>	<b>3,185</b>	<b>36.5</b>	<b>42</b>	<b>0.5</b>
1ST DIST. MANILA	0	0.0	76	2.9	899	34.0	9	0.3
2ND DIST. MUN.	0	0.0	73	6.5	358	31.7	2	0.2
QUEZON CITY	0	0.0	81	4.4	470	25.6	8	0.4
3RD DIST. MUN.	0	0.0	74	8.2	382	42.1	5	0.6
CALOOCAN CITY	0	0.0	80	9.5	411	48.9	8	1.0
4TH DIST. MUN.	0	0.0	150	15.6	510	52.9	7	0.7
PASAY CITY	0	0.0	13	3.2	155	38.3	3	0.7
<b>C.A.R.</b>	<b>1</b>	<b>0.1</b>	<b>78</b>	<b>6.2</b>	<b>195</b>	<b>15.4</b>	<b>4</b>	<b>0.3</b>
ABRA	0	0.0	10	5.0	75	37.7	2	1.0
BENGUET	1	0.3	19	5.6	30	8.8	1	0.3
IFUGAO	0	0.0	14	8.6	18	11.1	0	0.0
KALINGA APAYAO	0	0.0	15	6.5	46	19.8	0	0.0
MT. PROVINCE	0	0.0	13	10.3	9	7.1	0	0.0
BAGUIO CITY	0	0.0	7	3.4	17	8.3	1	0.5
<b>REGION 1</b>	<b>4</b>	<b>0.1</b>	<b>276</b>	<b>7.1</b>	<b>1,703</b>	<b>43.9</b>	<b>9</b>	<b>0.2</b>
ILOCOS NORTE	1	0.2	17	4.1	169	41.2	0	0.0
ILOCOS SUR	0	0.0	26	4.6	198	35.2	1	0.2
LA UNION	0	0.0	50	8.3	306	50.8	0	0.0
PANGASINAN	0	0.0	146	7.5	914	47.0	6	0.3
DAGUPAN CITY	2	1.5	27	20.2	50	37.4	1	0.7
LAOAG CITY	0	0.0	6	6.6	18	19.8	1	1.1
SAN CARLOS CITY	1	0.7	4	2.9	48	35.2	0	0.0
<b>REGION 2</b>	<b>1</b>	<b>0.0</b>	<b>220</b>	<b>8.5</b>	<b>818</b>	<b>31.6</b>	<b>5</b>	<b>0.2</b>
BATANES	0	0.0	0	0.0	8	49.5	0	0.0
CAGAYAN	1	0.1	71	7.8	322	35.5	0	0.0
ISABELA	0	0.0	123	10.3	403	33.6	1	0.1
NUEVA VIZCAYA	0	0.0	18	5.4	54	16.2	3	0.9
QUIRINO	0	0.0	8	6.2	31	24.1	1	0.8
<b>REGION 3</b>	<b>3</b>	<b>0.0</b>	<b>270</b>	<b>3.9</b>	<b>2,616</b>	<b>38.3</b>	<b>22</b>	<b>0.3</b>
BATAAN	1	0.2	13	2.7	228	48.2	2	0.4
BULACAN	2	0.1	80	4.8	713	42.5	3	0.2
NUEVA ECJA	0	0.0	32	2.8	394	34.7	2	0.2
PAMPANGA	0	0.0	26	1.8	431	30.1	4	0.3
TARLAC	0	0.0	57	6.1	364	38.7	5	0.5
ZAMBALES	0	0.0	17	4.2	177	43.7	2	0.5
ANGELES CITY	0	0.0	16	6.1	93	35.6	2	0.8

**SELECTED CAUSES OF DEATH  
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No. & Rate/100,000 Pop.  
PHILIPPINES  
1993**

AREA	FOOD POISONING BACTERIAL (005)		ENTERITIS AND OTHER DIARRHEAL DISEASES (008-009)		TB RESPIRATORY (010-012)		TB OTHER FORMS (014-018; 137)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
CABANATUAN CITY	0	0.0	10	5.3	100	52.8	0	0.0
OLONGAPO CITY	0	0.0	7	3.3	84	39.6	1	0.5
PALAYAN CITY	0	0.0	0	0.0	3	13.4	0	0.0
SAN JOSE CITY	0	0.0	12	13.2	29	32.0	1	1.1
<b>REGION 4</b>	<b>18</b>	<b>0.2</b>	<b>583</b>	<b>6.3</b>	<b>3,524</b>	<b>38.3</b>	<b>36</b>	<b>0.4</b>
AURORA	1	0.6	8	5.1	67	42.5	2	1.3
BATANGAS	0	0.0	25	2.0	387	31.5	4	0.3
CAVITE	1	0.1	56	4.9	385	33.5	4	0.3
LAGUNA	0	0.0	58	4.3	681	50.1	5	0.4
MARINDUQUE	3	1.5	29	14.6	144	72.7	4	2.0
MINDORO OCC.	0	0.0	18	5.8	110	35.3	2	0.6
MINDORO OR.	3	0.5	37	6.1	194	32.0	1	0.2
PALAWAN	0	0.0	34	6.9	106	21.6	1	0.2
QUEZON	8	0.6	132	9.8	574	42.7	4	0.3
RIZAL	1	0.1	90	7.9	444	39.1	4	0.4
ROMBLON	0	0.0	18	7.3	151	61.3	0	0.0
BATANGAS CITY	0	0.0	6	3.0	41	20.4	0	0.0
CAVITE CITY	0	0.0	10	9.7	41	39.8	1	1.0
LIPA CITY	0	0.0	3	1.7	35	20.1	2	1.1
LUCENA CITY	0	0.0	22	13.3	59	35.6	1	0.6
PUERTO PRINCESSA	1	1.0	11	10.6	33	31.8	0	0.0
SAN PABLO CITY	0	0.0	20	11.0	66	36.3	0	0.0
TAGAYTAY CITY	0	0.0	2	7.5	3	11.2	1	3.7
TRECE MARTIRES	0	0.0	4	22.7	3	17.0	0	0.0
<b>REGION 5</b>	<b>18</b>	<b>0.4</b>	<b>307</b>	<b>7.2</b>	<b>1,951</b>	<b>45.5</b>	<b>24</b>	<b>0.6</b>
ALBAY	1	0.1	46	5.4	348	40.6	2	0.2
CAMARINES NORTE	3	0.7	64	14.6	207	47.2	0	0.0
CAMARINES SUR	4	0.3	72	5.8	643	51.9	13	1.0
CATANDUANES	1	0.5	23	11.2	140	68.2	3	1.5
MASBATE	3	0.5	47	7.3	153	23.7	1	0.2
SORSOGON	6	1.1	26	4.6	284	50.3	2	0.4
IRIGA CITY	0	0.0	10	12.1	39	47.3	0	0.0
LEGASPI CITY	0	0.0	6	4.5	54	40.7	3	2.3
NAGA CITY	0	0.0	13	10.2	83	64.8	0	0.0
<b>REGION 6</b>	<b>8</b>	<b>0.1</b>	<b>395</b>	<b>6.7</b>	<b>3,351</b>	<b>56.8</b>	<b>43</b>	<b>0.7</b>
AKLAN	0	0.0	25	6.0	295	71.2	3	0.7
ANTIQUE	0	0.0	21	4.7	300	67.6	0	0.0
CAPIZ	0	0.0	37	7.0	184	34.9	3	0.6
ILOILO	3	0.2	77	5.3	856	59.2	11	0.8
NEGROS OCC.	4	0.3	120	7.9	885	58.3	16	1.1
GUIMARAS	0	0.0	4	3.2	28	22.7	0	0.0
BACOLOD CITY	0	0.0	22	5.5	247	61.9	3	0.8

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1993**

AREA	FOOD POISONING BACTERIAL (005)		ENTERITIS AND OTHER DIARRHEAL DISEASES (008-009)		TB RESPIRATORY (010-012)		TB OTHER FORMS (014-018; 137)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
BAGO CITY	0	0.0	11	8.2	108	80.3	1	0.7
CADIZ CITY	0	0.0	7	5.3	89	67.9	1	1.0
ILOILO CITY	0	0.0	30	8.3	147	40.5	1	0.0
LA CARLOTA CITY	0	0.0	3	4.9	30	48.5	0	0.0
ROXAS CITY	0	0.0	15	13.4	53	47.3	0	0.0
SAN CARLOS CITY	0	0.0	15	13.0	44	38.0	1	0.9
SILAY CITY	1	0.9	8	7.2	85	76.8	3	2.7
<b>REGION 7</b>	<b>3</b>	<b>0.1</b>	<b>434</b>	<b>8.6</b>	<b>1,395</b>	<b>27.6</b>	<b>24</b>	<b>0.5</b>
BOHOL	0	0.0	77	7.9	374	38.3	3	0.3
CEBU	0	0.0	140	8.4	346	20.7	10	0.6
NEGROS OR.	2	0.2	57	7.0	172	21.2	0	0.0
SIQUIJOR	0	0.0	4	5.0	71	89.3	0	0.0
BAIS CITY	0	0.0	2	3.1	2	3.1	1	1.5
CANLAON CITY	0	0.0	14	34.7	22	54.5	0	0.0
CEBU CITY	0	0.0	70	10.4	242	35.9	7	1.0
DANAO CITY	0	0.0	19	23.5	13	16.0	0	0.0
DUMAGUETE CITY	0	0.0	8	9.2	32	36.7	1	1.1
LAPU-LAPU CITY	0	0.0	9	5.6	39	24.2	2	1.2
MANDAWE CITY	0	0.0	23	11.6	37	18.6	0	0.0
TAGBILARAN CITY	0	0.0	1	1.6	22	35.6	0	0.0
TOLEDO CITY	1	0.8	10	7.5	23	17.4	0	0.0
<b>REGION 8</b>	<b>11</b>	<b>0.3</b>	<b>260</b>	<b>7.7</b>	<b>1,226</b>	<b>36.4</b>	<b>14</b>	<b>0.4</b>
LEYTE DEL NORTE	3	0.2	58	4.7	481	39.3	3	0.2
LEYTE DEL SUR	1	0.3	23	6.4	187	52.2	3	0.8
EASTERN SAMAR	0	0.0	3	0.8	34	9.5	1	0.3
NORTHERN SAMAR	1	0.2	120	28.6	242	57.7	3	0.7
WESTERN SAMAR	1	0.2	18	3.9	82	17.9	1	0.2
BILIRAN	3	2.4	5	3.9	36	28.4	1	0.8
CALBAYOG CITY	2	1.6	11	8.7	53	42.0	1	0.8
ORMOC CITY	0	0.0	7	4.9	55	38.4	1	0.7
TACLOBAN CITY	0	0.0	15	9.9	56	37.0	0	0.0
<b>REGION 9</b>	<b>1</b>	<b>0.0</b>	<b>129</b>	<b>4.7</b>	<b>641</b>	<b>23.4</b>	<b>6</b>	<b>0.2</b>
BASILAN	0	0.0	8	3.1	53	20.3	0	0.0
ZAMBO. DEL NORTE	0	0.0	20	3.4	95	15.9	1	0.2
ZAMBO. DEL SUR	1	0.1	54	4.8	222	19.9	2	0.2
DAPITAN CITY	0	0.0	1	1.5	19	28.8	1	1.5
DIPOLOG CITY	0	0.0	10	11.3	41	46.2	2	2.3
PAGADIAN CITY	0	0.0	5	4.2	20	16.8	0	0.0
ZAMBOANGA CITY	0	0.0	31	6.3	191	38.6	0	0.0



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AREA	FOOD POISONING BACTERIAL (005)		ENTERITIS AND OTHER DIARRHEAL DISEASES (008-009)		TB RESPIRATORY (010-012)		TB OTHER FORMS (014-018; 137)	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
<b>REGION 10</b>	<b>7</b>	<b>0.2</b>	<b>196</b>	<b>5.0</b>	<b>1,025</b>	<b>26.3</b>	<b>17</b>	<b>0.4</b>
AGUSAN DEL NORTE	2	0.8	20	7.7	84	32.2	0	0.0
AGUSAN DEL SUR	2	0.4	14	2.9	79	16.2	2	0.4
BUKIDNON	0	0.0	30	3.1	92	9.6	3	0.3
CAMIGUIN	0	0.0	6	8.6	27	38.9	0	0.0
MISAMIS OCC.	0	0.0	12	4.7	114	44.4	0	0.0
MISAMIS OR.	1	0.2	14	2.9	161	32.9	4	0.8
SURIGAO DEL NORTE	1	0.3	15	4.2	159	44.1	2	0.6
 BUTUAN CITY	 0	 0.0	 26	 10.4	 73	 29.2	 2	 0.8
CAGAYAN DEL ORO	0	0.0	25	6.7	64	17.1	1	0.3
GINGOOG CITY	0	0.0	5	5.5	31	34.0	1	1.1
OROQUIETA CITY	0	0.0	1	1.8	21	37.0	2	3.5
OZAMIS CITY	0	0.0	10	10.1	46	46.5	0	0.0
SURIGAO CITY	1	1.0	10	9.7	55	53.6	0	0.0
TANGUB CITY	0	0.0	8	17.2	19	40.9	0	0.0
 <b>REGION 11</b>	 <b>5</b>	 <b>0.1</b>	 <b>226</b>	 <b>4.5</b>	 <b>1,340</b>	 <b>26.9</b>	 <b>15</b>	 <b>0.3</b>
COTABATO SOUTH	0	0.0	22	3.6	172	28.5	2	0.3
DAVAO ORIENTAL	2	0.5	38	8.8	81	18.7	0	0.0
DAVAO DEL NORTE	1	0.1	27	2.3	323	27.1	4	0.3
DAVAO DEL SUR	1	0.1	18	2.6	135	19.3	3	0.4
SURIGAO DEL SUR	0	0.0	44	8.8	166	33.3	0	0.0
SARANGANI	0	0.0	10	3.0	41	12.3	1	0.3
 DAVAO CITY	 1	 0.1	 35	 3.7	 324	 34.5	 5	 0.5
GEN. SANTOS CITY	0	0.0	32	11.2	98	34.4	0	0.0
 <b>REGION 12</b>	 <b>0</b>	 <b>0.0</b>	 <b>95</b>	 <b>4.2</b>	 <b>612</b>	 <b>27.1</b>	 <b>6</b>	 <b>0.3</b>
LANAO DEL NORTE	0	0.0	31	7.2	215	49.9	2	0.5
NORTH COTABATO	0	0.0	17	2.0	106	12.5	3	0.4
SULTAN KUDARAT	0	0.0	16	3.3	111	22.9	0	0.0
 COTABATO CITY	 0	 0.0	 5	 3.5	 57	 40.1	 1	 0.7
ILIGAN CITY	0	0.0	26	10.3	110	43.7	0	0.0
MARAWI CITY	0	0.0	0	0.0	43	12.8	0	0.0
 <b>A.R.M.M.</b>	 <b>0</b>	 <b>0.0</b>	 <b>53</b>	 <b>2.6</b>	 <b>161</b>	 <b>8.0</b>	 <b>1</b>	 <b>0.0</b>
LANAO DEL SUR	0	0.0	3	0.5	19	3.4	0	0.0
MAGUINDANAO	0	0.0	11	1.6	91	12.9	1	0.1
SULU	0	0.0	39	7.8	40	8.0	0	0.0
TAWI-TAWI	0	0.0	0	0.0	11	4.5	0	0.0

TABLE 25

**MORTALITY: 17 CAUSE GROUPS**  
**No. & Rate/100,000 Pop. & Percent Distribution**  
**PHILIPPINES**  
**1993**

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CAUSE GROUP	MALE	FEMALE	BOTH SEXES	RATE	% OF TOTAL DEATHS
<b>TOTAL DEATHS FROM ALL CAUSES</b>	<b>188,863</b>	<b>129,683</b>	<b>318,546</b>	<b>475.6</b>	<b>100.0</b>
Infective and parasitic diseases (001-136)	27,270	16,744	44,014	65.7	13.8
Neoplasms (140-239)	13,662	11,737	25,399	37.9	8.0
Endocrine, Nutritional and Metabolic Diseases (250-279)	5,401	5,301	10,702	16.0	3.4
Diseases of Blood and Blood Forming Organs (280-289)	1,541	1,446	2,987	4.5	0.9
Mental Disorder (290-319)	413	202	615	0.9	0.2
Diseases of the Nervous System and Sense Organs (320-389)	2,997	2,224	5,221	7.8	1.6
Diseases of Circulatory System (390-459)	49,156	36,784	85,940	128.3	27.0
Diseases of the Respiratory System (460-519)	30,209	24,311	54,520	81.4	17.1
Diseases of Digestive System (520-579)	10,976	4,074	15,050	22.5	4.7
Diseases of Genito-Urinary System (580-629)	4,200	3,087	7,287	10.9	2.3
Complication of pregnancy and the puerperium (630-676)	0	1,548	1,548	2.3	0.5
Diseases of the skin and subcutaneous tissues (680-709)	386	375	761	1.1	0.2
Diseases of musculoskeletal system and connective tissue (710-739)	411	287	698	1.0	0.2
Congenital Anomalies (740-759)	1,395	1,854	3,249	4.9	1.0
Certain causes of perinatal morbidity and mortality (760-779)	8,277	5,765	14,042	21.0	4.4
Symptoms and ill-defined conditions (780-799)	9,496	8,500	17,996	26.9	5.6
Accidents, poisoning and violence (800-999; E800-E999)	23,073	5,444	28,517	42.6	9.0

**MORTALITY: COMMUNICABLE DISEASES: MALIGNANT NEOPLASMS  
AND DISEASES OF THE HEART**  
**No. & Rate/100,000 Pop.**  
**PHILIPPINES**  
**1946-1993**

YEAR	COMMUNICABLE DISEASES		MALIGNANT NEOPLASMS		DISEASES OF THE HEART	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
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
1949	135,883	690.1	1,725	8.8	3,750	19.0
1948	141,785	740.6	1,585	8.3	3,873	20.2
1947	136,036	724.1	1,397	7.4	3,440	18.3
1946	168,452	913.8	*	—	*	—

\* No data available

# MORTALITY TREND: COMMUNICABLE DISEASES

## MAL. NEOPLASMS, DISEASES OF THE HEART

RATE/100,000 POP., PHILIPPINES, 1946-93

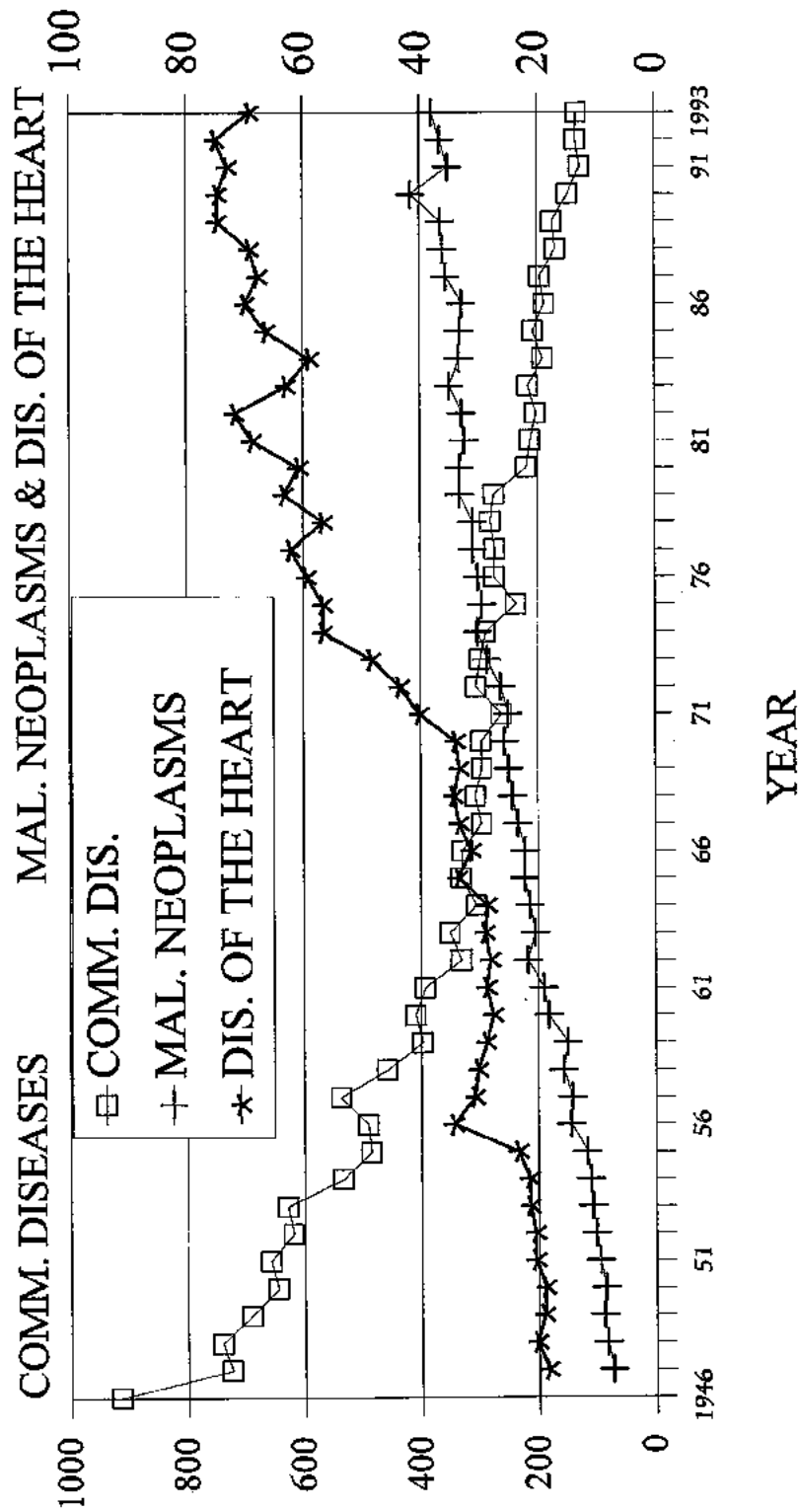


Fig. 22

**MORTALITY: TEN(10) LEADING CAUSES**  
**No. & Rate Per 100,000 Pop.**  
**PHILIPPINES**  
**1973, 1983, 1993**

CAUSE	1993	
	NUMBER	RATE
1. DISEASES OF THE HEART	48,582	72.5
2. DIS. OF THE VASCULAR SYSTEM	37,358	55.8
3. PNEUMONIAS	35,582	53.1
4. MALIGNANT NEOPLASMS	25,399	37.9
5. TUBERCULOSIS, ALL FORMS	24,580	36.7
6. ACCIDENTS	13,477	20.1
7. CHRONIC OBSTRUCTIVE PULMONARY DISEASE & ALLIED CONDITIONS	11,154	16.7
8. OTHER DISEASES OF RESPIRATORY SYSTEM	6955	10.4
9. DIARRHEAL DISEASES	5,759	8.6
10. NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	5,510	8.2

CAUSE	1983	
	NUMBER	RATE
1. PNEUMONIAS	48,650	91.5
2. DISEASES OF THE HEART	32,320	60.8
3. TUBERCULOSIS, ALL FORMS	28,580	53.7
4. DISEASES OF THE VASCULAR SYSTEM	26,984	50.7
5. MALIGNANT NEOPLASMS	17,997	33.8
6. DIARRHEAS	15,090	28.4
7. MEASLES	9,286	17.5
8. AVITAMINOSIS & OTHER NUTRITIONAL DEFICIENCY	7,059	13.3
9. ACCIDENTS	5,752	10.8
10. NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	4,816	9.1

CAUSE	1973	
	NUMBER	RATE
1. PNEUMONIAS	48,058	115.9
2. TUBERCULOSIS, ALL FORMS	28,281	68.2
3. DISEASES OF THE HEART	19,474	47.0
4. GASTRO-ENTERITIS AND COLITIS	18,106	43.7
5. AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY	13,850	33.4
6. DISEASE OF THE VASCULAR SYSTEM	13,645	32.9
7. MALIGNANT NEOPLASMS	11,490	27.7
8. ACCIDENTS	10,190	24.6
9. BRONCHITIS, EMPHYSEMA AND ASTHMA	8,782	21.2
10. CONGENITAL ANOMALIES	5,524	13.3

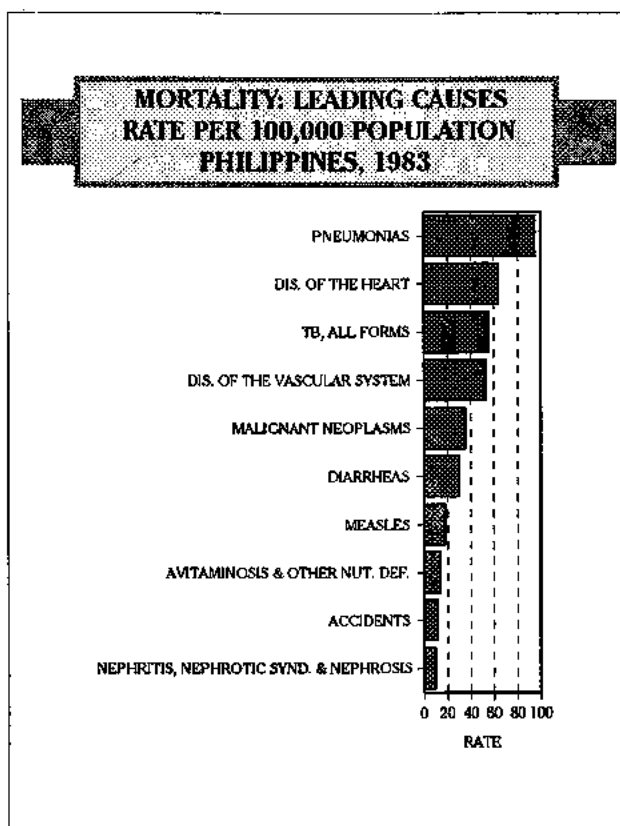
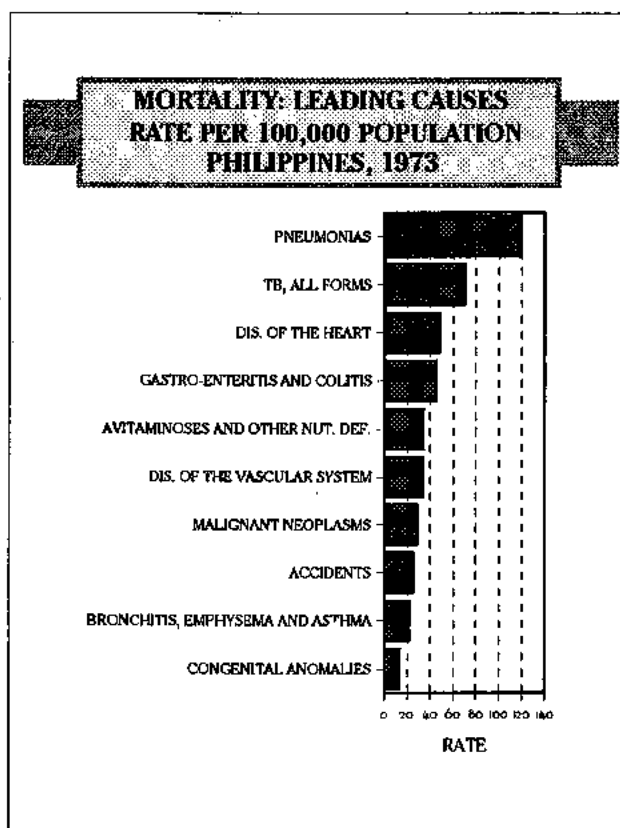
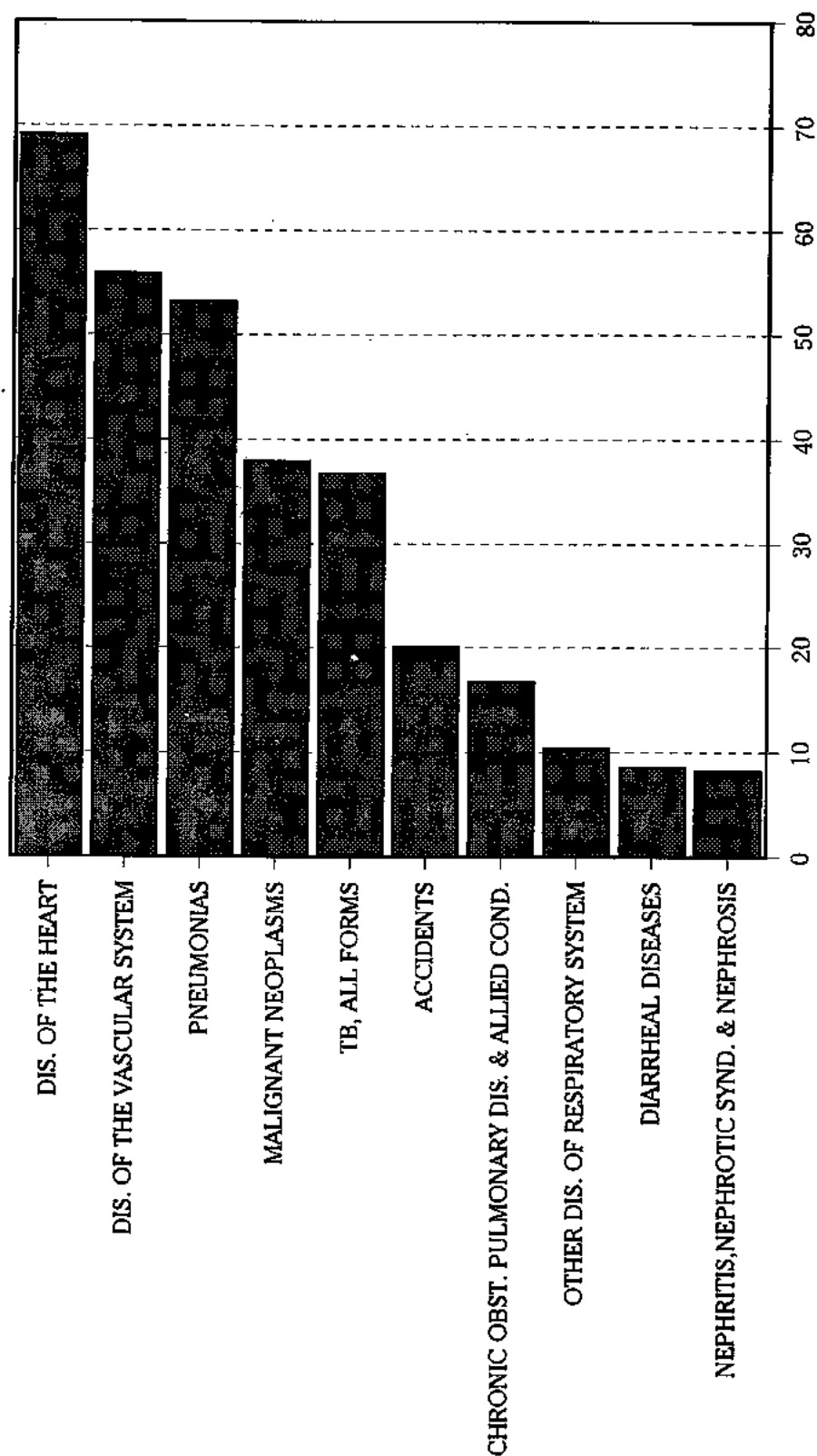


Fig. 23

# MORTALITY LEADING CAUSES

## RATE PER 100,000 POPULATION

### PHILIPPINES, 1993



\* INCLUDES NEPHROTIC SYND. & NEPHROSIS

Fig. 23

**INFANT MORTALITY: BY SMALLER AGE GROUPS**  
**No. & Rate/1000 Livebirths & Percentage Distribution**  
**PHILIPPINES**  
**5-YEAR AVERAGE (1988-1992) & 1993**

AGE	5-YEAR AVERAGE (1988-1992)				1993			
	NUMBER	RATE PER 1000 Lb.	% OF NEO- NATAL DEATHS	% OF INFANT DEATHS	NUMBER	RATE PER 1000 Lb.	% OF NEO- NATAL DEATHS	% OF INFANT DEATHS
<b>Under 1 Year</b>	<b>48,198</b>	<b>24.5</b>		<b>100.0</b>	<b>34,673</b>	<b>20.6</b>		<b>100.0</b>
<b>Under 28 Days</b>	<b>18,692</b>	<b>11.4</b>	<b>100.0</b>	<b>46.5</b>	<b>16,868</b>	<b>10.0</b>	<b>100.0</b>	<b>48.6</b>
0 - 6 Days	14,311	8.7	76.6	35.6	13,269	7.9	78.7	38.3
7 - 13 Days	2,447	1.5	13.1	6.1	2,033	1.2	12.1	5.9
14 - 20 Days	1,119	0.7	6.0	2.8	841	0.5	5.0	2.4
21 - 27 Days	815	0.5	4.4	2.0	725	0.4	4.3	2.1
<b>28 Days to     Under 1 year</b>	<b>21,506</b>	<b>13.1</b>		<b>53.5</b>	<b>17,805</b>	<b>10.6</b>		<b>51.4</b>
28 - 59 Days	3,738	2.3		9.3	3,150	1.9		9.1
2 Months	2,271	1.4		5.6	1,900	1.1		5.5
3 Months	1,705	1.0		4.2	1,463	0.9		4.2
4 Months	1,521	0.9		3.8	1,262	0.8		3.6
5 Months	1,470	0.9		3.7	1,255	0.7		3.6
6 Months	1,704	1.0		4.2	1,475	0.9		4.3
7 Months	1,812	1.1		4.5	1,459	0.9		4.2
8 Months	1,867	1.1		4.6	1,492	0.9		4.3
9 Months	1,741	1.1		4.3	1,344	0.8		3.9
10 Months	1,324	0.8		3.3	995	0.6		2.9
11 Months	2,283	1.4		5.7	2,010	1.2		5.8



# **INFANT MORTALITY BY SMALLER AGE GROUPS PERCENTAGE DISTRIBUTION PHILIPPINES, 1993**

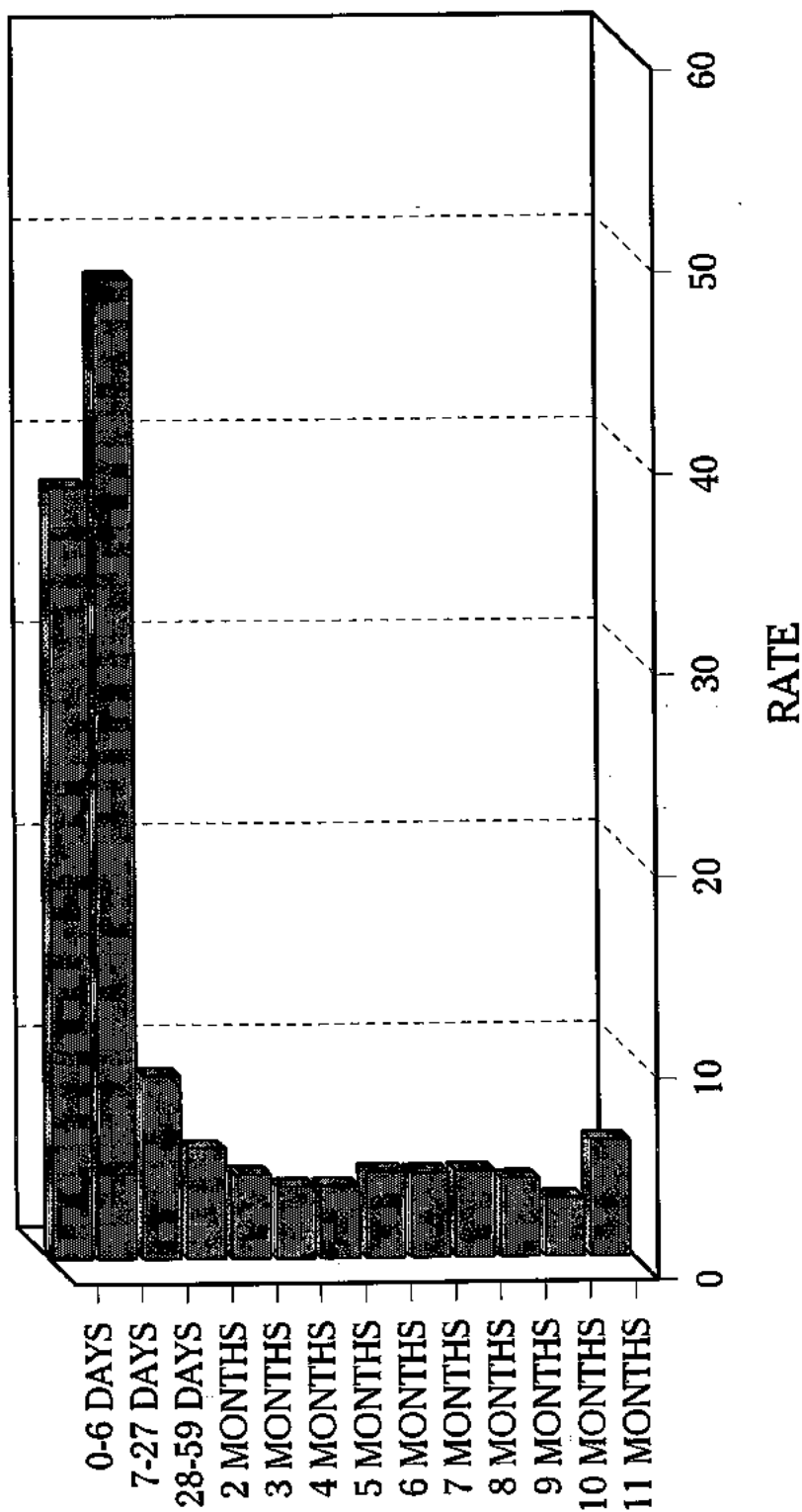


Fig. 24

# INFANT MORTALITY

NEONATAL & POST NEONATAL DEATH RATE  
RATE/1,000 LIVEBIRTHS, PHILS., 1983-1993

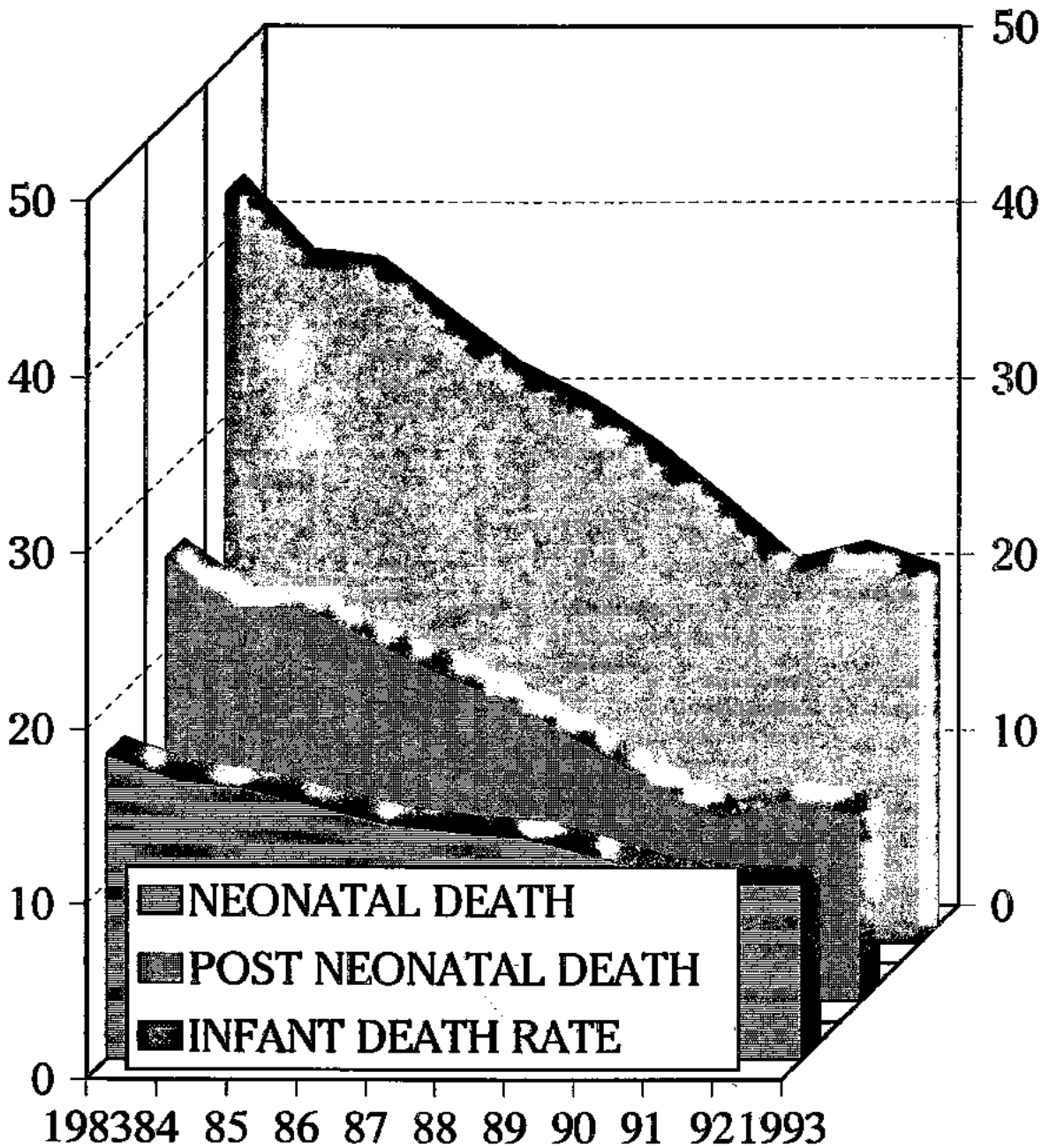


Fig. 25

TABLE 29

**INFANT MORTALITY: TEN (10) LEADING CAUSES**  
**No. & Rate/1000 l.b. & Percentage Distribution**  
**PHILIPPINES**  
**5-YEAR AVERAGE (1988-1992) & 1993**

CAUSE	5-YEAR AVER. (1988-1992)			1993		
	NUMBER	RATE PER 1000 l.b.	% OF INFANT DEATHS	NUMBER	RATE PER 1000 l.b.	% OF INFANT DEATHS
1. PNEUMONIAS (480-486)	10,098	6.2	25.1	7,631	4.5	22.0
2. RESPIRATORY CONDITIONS OF FETUS AND NEWBORN (740-759)	5,824	3.5	14.5	5,651	3.4	16.3
3. CONGENITAL ANOMALIES (740-759)	2,088	1.3	5.2	2,366	1.4	6.8
4. DIARRHEAL DISEASES (001,002,003,004,006 '005,007,008,009)	9,852	6.0	24.5	1,661	1.0	4.8
5. SEPTICEMIA (038)	1,381	0.8	3.4	1,252	0.7	3.6
6. BIRTH INJURY & DIFF. LABOR (768,772)	1,176	0.7	2.9	1,190	0.7	3.4
7. AVITAMINOSES AND OTHER NUTRITIONAL DEFECIENCY (260-269)	1,224	0.7	3.0	925	0.6	2.7
8. MEASLES (055)	970	0.6	2.4	765	0.5	2.2
9. GOITER THYROTOXICOSIS HYPOTHYROIDISM & OTHER ENDOCRINE & METABOLIC DISEASES ( 240-246;251 -259;270-279)	811	0.5	2.0	661	0.4	1.9
10. OTHER DISEASES OF RESPIRATORY SYSTEM (470-478,500-508)	560	0.3	1.4	591	0.4	1.7

# **INFANT MORTALITY: LEADING CAUSES** **RATE PER 1,000 LIVEBIRTHS** **PHILS., 5 YR. AVE. (1988-1992) & 1993**

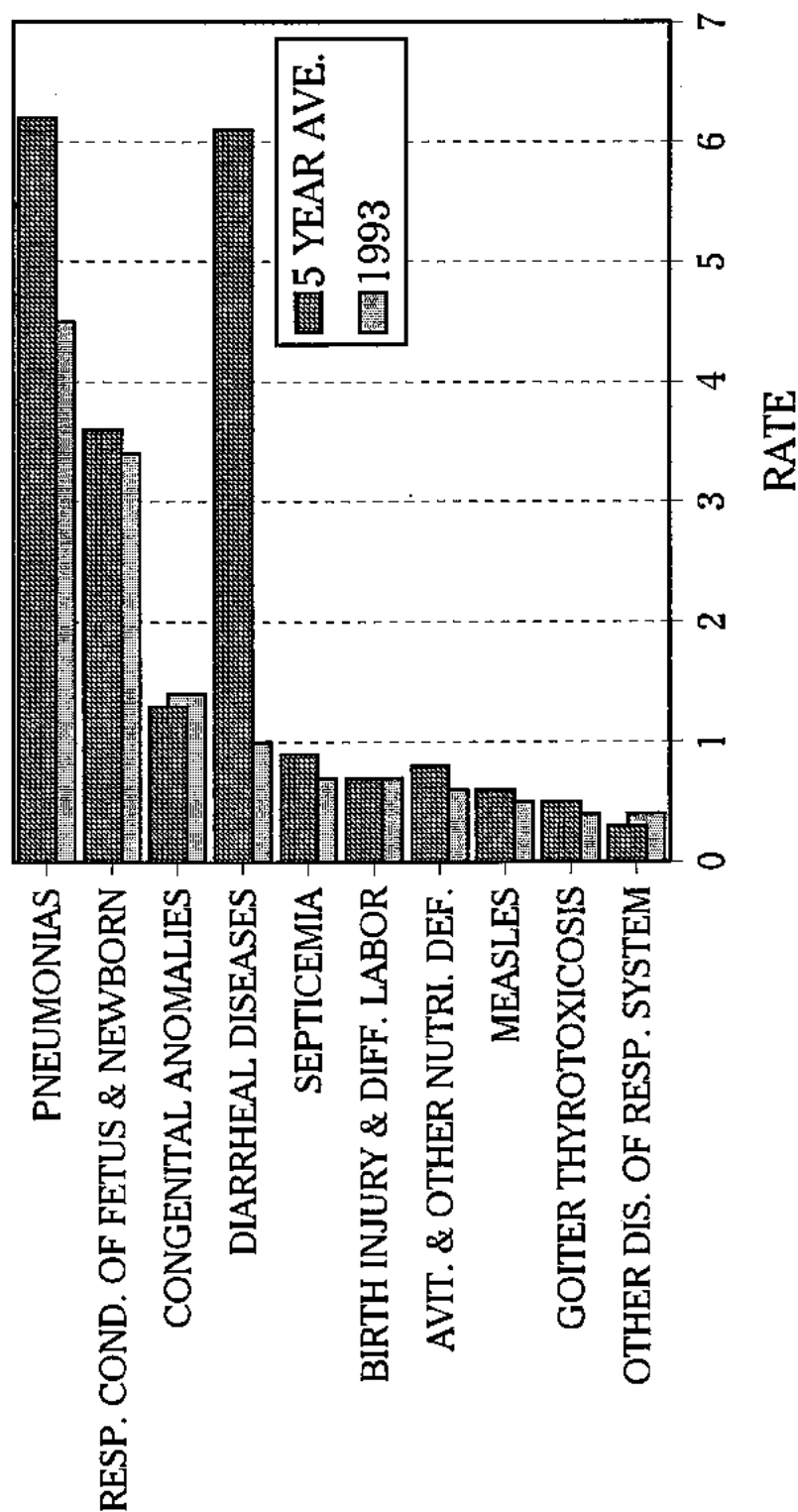


Fig. 26

TABLE 30

**MATERNAL MORTALITY: BY MAIN CAUSE**  
**No. & Rate/1000 l.b. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

CAUSE	1993		
	NUMBER	RATE	PERCENT
<b>TOTAL</b>	<b>1,548</b>	<b>0.9</b>	<b>100.0</b>
Other complications related to pregnancy, in the course of labor, delivery and puerperium (643-648; 650-665; 667-676)	561	0.3	36.2
Postpartum Hemorrhage (666)	340	0.2	22.0
Hypertension complicating pregnancy Childbirth & Puerperium (642)	308	0.2	19.9
Pregnancy with abortive outcome (630-639)	179	0.1	11.6
Hemorrhages related to pregnancy (640; 641)	160	0.1	10.3

# MATERNAL DEATHS BY MAIN CAUSE PERCENTAGE DISTRIBUTION PHILIPPINES, 1993

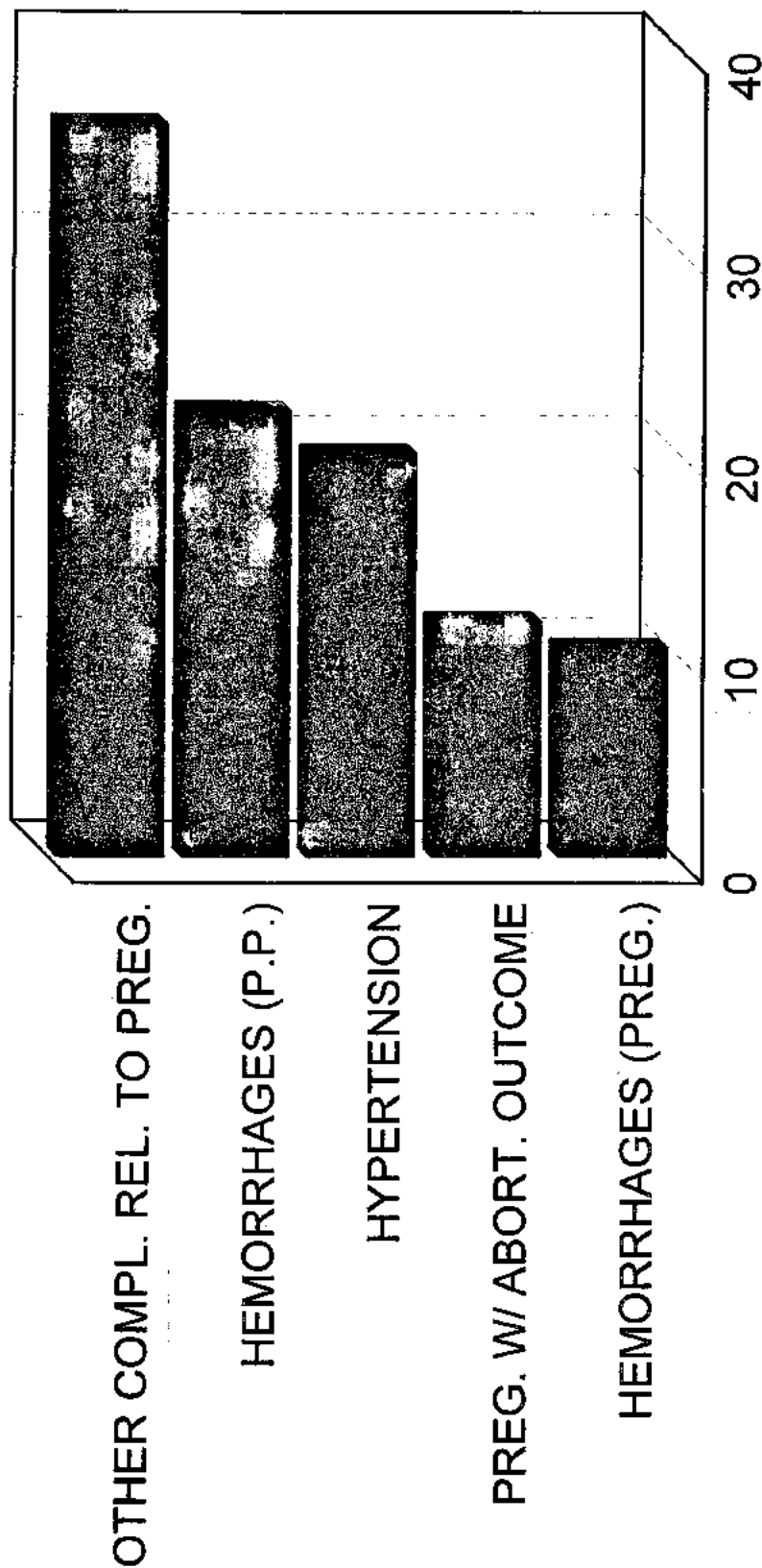


Fig. 27

TABLE 31

**MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION**  
**No. & Rate/1000 Livebirths & Percentage Distribution**  
**PHILIPPINES**  
**1993**

REGION	AGE DISTRIBUTION					
	TOTAL			UNDER 15 YEARS		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
<b>PHILIPPINES</b>	<b>1,548</b>	<b>1.3</b>	<b>100.0</b>	<b>51</b>	<b>128.5</b>	<b>100.0</b>
NAT. CAP. REGION	137	0.5	8.9	8	20.2	15.7
C.A.R.	30	1.0	1.9	1	2.5	2.0
REGION 1	99	1.0	6.4	4	10.1	7.8
REGION 2	59	0.9	3.8	0	0.0	0.0
REGION 3	93	0.5	6.0	4	10.1	7.8
REGION 4	214	0.8	13.8	8	20.2	15.7
REGION 5	176	1.5	11.4	3	7.6	5.9
REGION 6	113	0.9	7.3	3	7.6	5.9
REGION 7	139	1.0	9.0	10	25.2	19.6
REGION 8	114	1.9	7.4	5	12.6	9.8
REGION 9	77	1.2	5.0	0	0.0	0.0
REGION 10	103	1.1	6.7	2	5.0	3.9
REGION 11	111	1.0	7.2	3	7.6	5.9
REGION 12	58	1.2	3.7	0	0.0	0.0
ARMM	25	3.4	1.6	0	0.0	0.0

**MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION**  
**No. & Rate/1000 Livebirths & Percentage Distribution**  
**PHILIPPINES**  
**1993**

REGION	AGE DISTRIBUTION					
	15 - 19 YEARS			20 - 24 YEARS		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
<b>PHILIPPINES</b>	<b>83</b>	<b>0.8</b>	<b>100.0</b>	<b>249</b>	<b>0.5</b>	<b>100.0</b>
NAT. CAP. REGION	6	0.1	7.2	26	0.1	10.4
C.A.R.	1	0.01	1.2	5	0.01	2.0
REGION 1	2	0.02	2.4	17	0.04	6.8
REGION 2	3	0.03	3.6	13	0.03	5.2
REGION 3	3	0.03	3.6	12	0.02	4.8
REGION 4	11	0.1	13.3	33	0.1	13.3
REGION 5	9	0.1	10.8	30	0.1	12.0
REGION 6	5	0.05	6.0	13	0.03	5.2
REGION 7	11	0.1	13.3	24	0.05	9.6
REGION 8	5	0.05	6.0	16	0.03	6.4
REGION 9	5	0.05	6.0	17	0.04	6.8
REGION 10	6	0.1	7.2	12	0.02	4.8
REGION 11	11	0.1	13.3	18	0.04	7.2
REGION 12	3	0.03	3.6	8	0.02	3.2
ARMM	2	0.02	2.4	5	0.01	2.0

\*Rate According to corresponding Age-Group.



TABLE 31

**MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION**  
**No. & Rate/1000 Livebirths & Percentage Distribution**  
**PHILIPPINES**  
**1993**

REGION	AGE DISTRIBUTION					
	25 - 29 YEARS			30 - 34 YEARS		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
PHILIPPINES	327	0.7	100.0	332	1.0	100.0
NAT. CAP. REGION	33	0.1	10.1	37	0.1	11.1
C.A.R.	8	0.02	2.4	4	0.01	1.2
REGION 1	18	0.04	5.5	27	0.1	8.1
REGION 2	11	0.02	3.4	13	0.0	3.9
REGION 3	21	0.04	6.4	32	0.1	9.6
REGION 4	50	0.1	15.3	45	0.1	13.6
REGION 5	39	0.1	11.9	35	0.1	10.5
REGION 6	19	0.04	5.8	28	0.1	8.4
REGION 7	25	0.1	7.6	24	0.1	7.2
REGION 8	21	0.04	6.4	22	0.1	6.6
REGION 9	17	0.04	5.2	13	0.04	3.9
REGION 10	23	0.05	7.0	14	0.04	4.2
REGION 11	27	0.1	8.3	16	0.05	4.8
REGION 12	7	0.01	2.1	18	0.1	5.4
ARMM	8	0.02	2.4	4	0.01	1.2

\*Rate According to corresponding Age-Group.

**MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION**  
**No. & Rate/1000 livebirths & Percentage Distribution**  
**PHILIPPINES**  
**1993**

REGION	AGE DISTRIBUTION					
	35 - 39 YEARS			40 - 44 YEARS		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
<b>PHILIPPINES</b>	<b>308</b>	<b>1.7</b>	<b>100.0</b>	<b>146</b>	<b>2.3</b>	<b>100.0</b>
NAT. CAP. REGION	21	0.1	6.8	4	0.1	2.7
C.A.R.	4	0.02	1.3	3	0.0	2.1
REGION 1	16	0.1	5.2	12	0.2	8.2
REGION 2	6	0.03	1.9	7	0.1	4.8
REGION 3	12	0.1	3.9	5	0.1	3.4
REGION 4	44	0.2	14.3	19	0.3	13.0
REGION 5	40	0.2	13.0	15	0.2	10.3
REGION 6	29	0.2	9.4	12	0.2	8.2
REGION 7	28	0.2	9.1	12	0.2	8.2
REGION 8	27	0.1	8.8	16	0.2	11.0
REGION 9	16	0.1	5.2	7	0.1	4.8
REGION 10	30	0.2	9.7	11	0.2	7.5
REGION 11	17	0.1	5.5	16	0.2	11.0
REGION 12	15	0.1	4.9	5	0.1	3.4
ARMM	3	0.02	1.0	2	0.03	1.4

\*Rate According to corresponding Age - Group.

TABLE 31

**MATERNAL MORTALITY: BY AGE GROUP & HEALTH REGION**  
**No. & Rate/1000 Livebirths & Percentage Distribution**  
**PHILIPPINES**  
**1993**

REGION	AGE DISTRIBUTION					
	45 - 49 YEARS			50 YEARS & OVER		
	NUMBER	RATE	PERCENT	NUMBER	RATE	PERCENT
PHILIPPINES	29	3.4	100.0	23	23.4	100.0
NAT. CAP. REGION	1	0.1	3.4	1	1.0	4.3
C.A.R.	2	0.2	6.9	2	2.0	8.7
REGION 1	2	0.2	6.9	1	1.0	4.3
REGION 2	5	0.6	17.2	1	1.0	4.3
REGION 3	0	0.0	0.0	4	4.1	17.4
REGION 4	2	0.2	6.9	2	2.0	8.7
REGION 5	2	0.2	6.9	3	3.1	13.0
REGION 6	3	0.4	10.3	1	1.0	4.3
REGION 7	3	0.4	10.3	2	2.0	8.7
REGION 8	0	0.0	0.0	2	2.0	8.7
REGION 9	2	0.2	6.9	0	0.0	0.0
REGION 10	3	0.4	10.3	2	2.0	8.7
REGION 11	2	0.2	6.9	1	1.0	4.3
REGION 12	1	0.1	3.4	1	1.0	4.3
ARMM	1	0.1	3.4	0	0.0	0.0

\*Rate According to corresponding Age-Group.

TABLE 32

**FETAL DEATHS BY CAUSE AND BY ATTENDANCE  
PHILIPPINES  
1993**

CAUSE	Total Fetal Deaths	ATTENDANT					
		Physician	Nurse	Mid-wife	Traditional Birth Attendant (Hilot)	Others	Not Stated
Fetus affected by maternal conditions which may be unrelated to present pregnancy (760)	95	68	0	6	6	14	1
Fetus affected by maternal complications of pregnancy (761)	3	1	0	0	0	2	0
Fetus affected by complications of placenta, cord and membranes (762)	923	662	0	49	48	102	62
Fetus affected by other complications of labour and delivery (763)	4	2	0	0	1	0	1
Slow fetal growth and fetal malnutrition (764)	6	5	0	0	1	0	0
Disorders relating to short gestation and unspecified low birth weight (765)	1,104	561	3	88	94	222	136
Disorders relating to long gestation and high birth weight (766)	58	32	0	8	3	6	9
Birth trauma (767)	2	1	0	0	0	0	1
Intrauterine hypoxia and birth asphyxia (768)	3,447	2,261	2	192	250	630	112
Respiratory distress syndrome (769)	61	20	1	11	13	3	13
Other respiratory conditions of fetus (770)	5	4	0	0	0	1	0

**FETAL DEATHS BY CAUSE AND BY ATTENDANCE  
PHILIPPINES  
1993**

CAUSE	Total Fetal Deaths	ATTENDANT					
		Physi- cian	Nurse	Mid- wife	Tradition- al Birth Attendant (Hilot)	Others	Not Stated
Infections specific to the perinatal period (771)	43	22	0	4	4	4	9
Fetal haemorrhage (772)	0	0	0	0	0	0	0
Haemolytic diseases of fetus due to isoimmunization (773)	0	0	0	0	0	0	0
Other perinatal jaundice (774)	0	0	0	0	0	0	0
Endocrine and metabolic disturbances specific to the fetus (775)	2	1	0	0	0	1	0
Haematological disorders of fetus (776)	0	0	0	0	0	0	0
Perinatal disorders of digestive system (777)	1	0	0	0	1	0	0
Conditions involving the integument and temperature regulations of fetus (778)	1	1	0	0	0	0	0
Other and ill-defined conditions originating in the perinatal period (779)	3583	1738	8	284	310	623	620
<b>TOTAL - Number</b>	<b>9,338</b>	<b>5,379</b>	<b>14</b>	<b>642</b>	<b>731</b>	<b>1,608</b>	<b>964</b>
<b>- Percent</b>	<b>100.0</b>	<b>57.6</b>	<b>0.1</b>	<b>6.9</b>	<b>7.8</b>	<b>17.2</b>	<b>10.32</b>

# FETAL DEATHS BY MEDICAL ATTENDANCE PERCENTAGE DISTRIBUTION PHILIPPINES, 1993

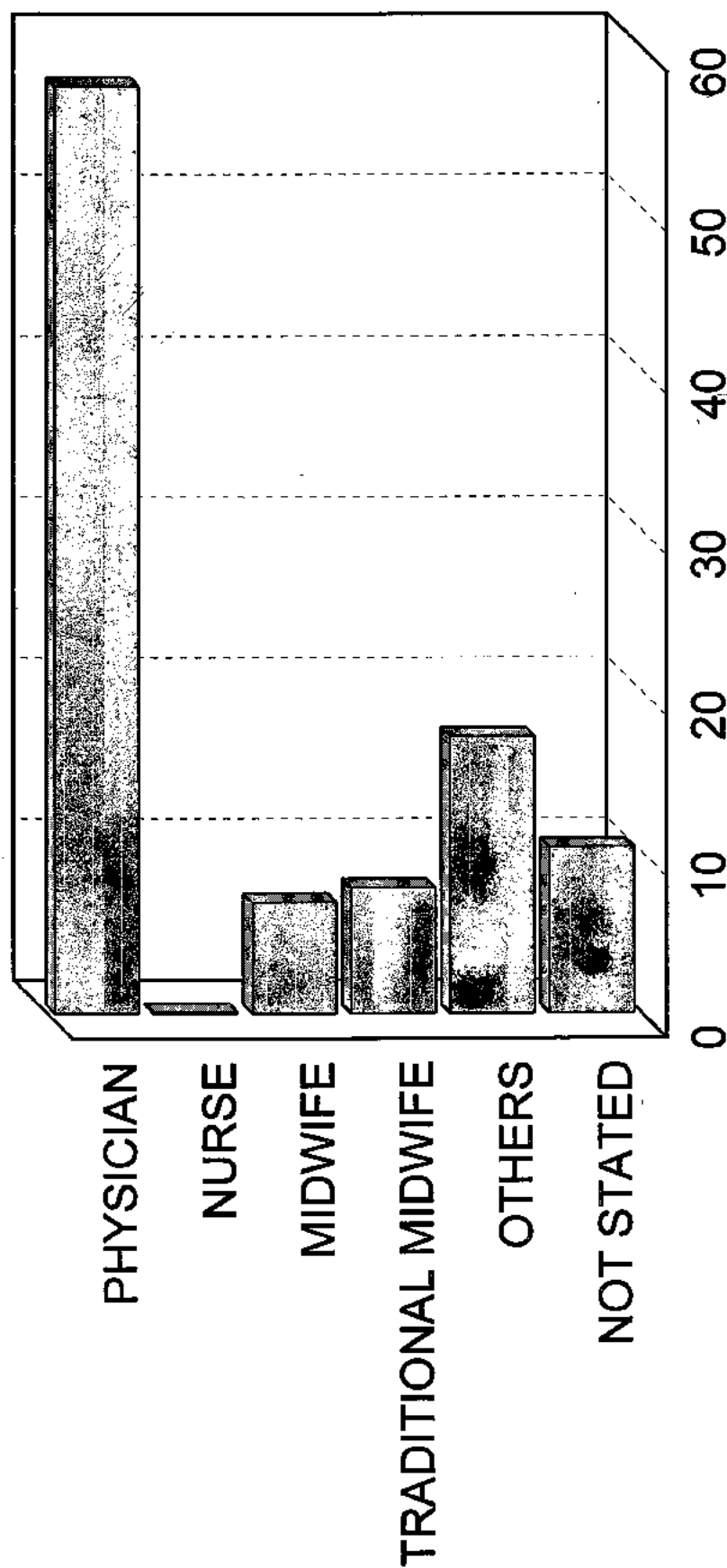


Fig. 28

TABLE 33

**FETAL DEATHS BY CAUSE & BIRTH WEIGHT**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

CAUSE	TOTAL FETAL DEATHS	1000 & below grams		1001 to 1500 grams		1501 to 2000 grams		2001 to 2500 grams		2501 to 3000 grams	
		No.	%	No.	%	No.	%	No.	%	No.	%
Fetus affected by maternal conditions which may be unrelated to present pregnancy (760)	95	11	11.6	13	13.7	11	11.6	7	7.4	5	5.3
Fetus affected by maternal complications of pregnancy (760)	3	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0
Fetus affected by complications of placenta, cord and membranes (762)	923	94	10.2	95	10.3	94	10.2	102	11.1	90	9.8
Fetus affected by other complications of labour and delivery (763)	4	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0
Slow fetal growth and fetal malnutrition (764)	6	1	16.7	1	16.7	3	50.0	0	0.0	0	0.0
Disorders relating to short gestation and unspecified low birth weight (765)	1,104	95	8.6	79	7.2	68	6.2	58	5.3	47	4.3
Disorders relating to long gestation and high birth weight (766)	58	1	1.7	0	0.0	1	1.7	4	6.9	7	12.1
Birth trauma (767)	2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Intrauterine hypoxia and birth asphyxia (768)	3,447	266	7.7	239	6.9	219	6.4	228	6.6	271	7.9
Respiratory distress syndrome (769)	61	5	8.2	5	8.2	6	9.8	3	4.9	7	11.5
Other respiratory conditions of fetus (770)	5	0	0.0	2	40.0	0	0.0	1	20.0	0	0.0

**FETAL DEATHS BY CAUSE & BIRTH WEIGHT**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

CAUSE	TOTAL FETAL DEATHS	3001 to 3500 grams		3501 to 4000 grams		4001 to 4500 grams		4501 to 5000 grams		5001 to above grams		Not Stated	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Fetus affected by maternal conditions which may be unrelated to present pregnancy (760)	95	6	6.3	3	3.2	2	2.1	0	0.0	0	0.0	37	38.9
Fetus affected by maternal complications of pregnancy (760)	3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	66.6
Fetus affected by complications of placenta, cord and membranes (762)	923	70	7.6	29	0.0	12	1.3	5	0.5	4	0.4	328	35.5
Fetus affected by other complications of labour and delivery (763)	4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0
Slow fetal growth and fetal malnutrition (764)	6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.6
Disorders relating to short gestation and unspecified low birth weight (765)	1,104	43	3.9	14	1.3	14	1.3	5	0.5	2	0.2	679	61.5
Disorders relating to long gestation and high birth weight (766)	58	6	10.3	5	8.6	2	3.4	1	1.7	0	0.0	31	53.4
Birth trauma (767)	2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
Intrauterine hypoxia and birth asphyxia (768)	3,447	306	8.9	180	5.2	88	2.6	36	1.0	19	0.6	1,595	46.2
Respiratory distress syndrome (769)	61	8	13.1	1	1.6	1	1.6	1	1.6	0	0.0	24	39.3
Other respiratory conditions of fetus (770)	5	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	1	20.0



TABLE 33

**FETAL DEATHS BY CAUSE & BIRTH WEIGHT**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

CAUSE	TOTAL FETAL DEATHS	1000 & below grams		1001 to 1500 grams		1501 to 2000 grams		2001 to 2500 grams		2501 to 3000 grams	
		No.	%	No.	%	No.	%	No.	%	No.	%
Infections specific to the perinatal period (771)	43	0	0.0	1	2.3	2	4.7	2	4.7	2	4.7
Fetal haemorrhage (772)	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Haemolytic diseases of fetus due to isoimmunization (773)	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other perinatal jaundice (774)	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Endocrine and metabolic disturbances specific to the fetus (775)	2	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0
Haematological disorders of fetus (776)	0	0	-	0	-	0	-	0	-	0	-
Perinatal disorders of digestive system (777)	1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Conditions involving the integument and temperature regulations of fetus (778)	1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other and ill-defined conditions originating in the perinatal period (779)	2,583	130	3.6	128	3.6	119	3.3	168	4.7	220	6.1
<b>TOTAL</b>	<b>2,338</b>	<b>604</b>	<b>6.5</b>	<b>564</b>	<b>6.0</b>	<b>523</b>	<b>5.6</b>	<b>573</b>	<b>6.1</b>	<b>650</b>	<b>7.0</b>

**FETAL DEATHS BY CAUSE & BIRTH WEIGHT**  
**No. & Percentage Distribution**  
**PHILIPPINES**  
**1993**

CAUSE	TOTAL FETAL DEATHS	3001 to 3500 grams		3501 to 4000 grams		4001 to 4500 grams		4501 to 5000 grams		5001 to above grams		Not Stated	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Infections specific to the perinatal period (771)	43	5	11.6	2	4.7	0	0.0	0	0.0	1	2.3	28	65.11
Fetal haemorrhage (772)	0	0	—	0	—	0	—	0	—	0	—	0	—
Haemolytic diseases of fetus due to isoimmunization (773)	0	0	—	0	—	0	—	0	—	0	—	0	—
Other perinatal jaundice (774)	0	0	—	0	—	0	—	0	—	0	—	0	—
Endocrine and metabolic disturbances specific to the fetus (775)	2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
Haematological disorders of fetus (776)	0	0	—	0	—	0	—	0	—	0	—	0	—
Perinatal disorders of digestive system (777)	1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Conditions involving the integument and temperature regulations of fetus (778)	1	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other and ill-defined conditions originating in the perinatal period (779)	3,583	201	5.6	141	3.9	51	1.4	20	0.6	10	0.3	2,395	66.84
<b>TOTAL</b>	<b>9,338</b>	<b>646</b>	<b>6.9</b>	<b>376</b>	<b>4.0</b>	<b>170</b>	<b>1.8</b>	<b>68</b>	<b>0.7</b>	<b>36</b>	<b>0.4</b>	<b>5,127</b>	<b>54.90</b>

TABLE 34

**LATE FETAL DEATHS BY AGE OF MOTHER & BIRTH ORDER**  
**PHILIPPINES**  
**1993**

BIRTH ORDER	TOTAL BIRTH	Late Fetal Deaths		AGE OF MOTHER									Not Sta- ted
		No.	Rate*	Less than 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over		
First	454,575	818	1.8	15	130	305	207	105	40	10	1	5	
Second	366,745	448	1.2	1	35	166	122	83	34	4	2	1	
Third	283,362	447	1.6	11	11	126	141	81	59	15	1	2	
Fourth	199,867	374	1.9	5	2	63	120	102	60	21	1	0	
Fifth	130,576	287	2.2	4	2	33	78	84	65	20	0	1	
Sixth	86,167	178	2.1	3	1	10	38	54	49	19	4	0	
Seventh	56,759	149	2.6	3	1	5	29	42	47	19	3	0	
Eight	88,633	366	4.1	8	0	7	29	80	136	82	21	3	
Ninth													
Tenth & Over													
Not Stated	14,212	531	37.4	44	43	121	149	86	59	21	4	4	
TOTAL	1,680,896	3,598	2.1	94	225	836	913	717	549	211	37	16	

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

TABLE 36

**MORTALITY AMONG IMMUNIZABLE DISEASES**  
**(AGE-GROUP 0-1; 1-4; 5-9; 10-14 YEARS)**  
**NO. & RATE/100,000 POPULATION**  
**PHILIPPINES**  
**1993**

CAUSE	0-1 YEAR		1-4 YEARS		5-9 YEARS		10-14 YEARS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1. MEASLES (055)	765	38.3	1616	22.1	469	5.7	87	1.1
2. TETANUS (037)	168	8.4	24	0.3	100	1.2	109	1.4
3. DIPHTHERIA (032)	9	0.5	30	0.4	6	0.1	2	0.0
4. TUBERCULOSIS OF MENINGES & CNS (013)	37	1.9	126	1.7	82	1.0	45	0.6
5. OTHER TUBERCULOSIS (014-018; 137)	1	0.1	4	0.1	6	0.1	4	0.1
6. ACUTE POLIOMYELITIS	1	0.1	0	0.0	6	0.1	6	0.1

**INFANT MORTALITY BY GENDER, BY REGION  
NO. & RATE/1,000 LIVEBIRTHS  
PHILIPPINES  
1993**

AREA	MALE	FEMALE	BOTH SEXES	RATE
PHILIPPINES	20,175	14,498	34,673	20.6
NAT. CAP. REGION	4,131	2,902	7,033	24.8
REGION 1	1,474	973	2,447	24.4
REGION 2	836	591	1,427	22.3
REGION 3	1,669	1,181	2,850	15.9
REGION 4	3,306	2,513	5,819	22.5
REGION 5	1,481	1,069	2,550	21.6
REGION 6	1,602	1,099	2,701	22.7
REGION 7	1,752	1,327	3,079	22.1
REGION 8	817	636	1,453	24.1
REGION 9	570	458	1,028	16.4
REGION 10	922	616	1,538	15.8
REGION 11	1,008	693	1,701	14.8
REGION 12	347	262	609	13.1
C A R	260	178	438	14.3