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FOREWORD

The Department of Health (DOH) in its thrust to promote and protect the health of the Filipinos recognizes the significance of health statistics generated through the various existing health information systems. Pertinent health data serve as the basis in planning health interventions as well as the development of appropriate health programs and the formulation of relevant health policies.


The vital health statistics gathered through the existing health information systems of the Department of Health and other concerned agencies are analyzed and summarized in this annual publication of the **PHILIPPINE HEALTH STATISTICS**.

The **1999 PHILIPPINE HEALTH STATISTICS** presents a summary of health statistics registered and reported in 1999. It includes statistics on births, deaths and notifiable diseases.

Data on births and deaths were generated by the National Statistics Office (NSO) through its Civil Registration System. Morbidity data were taken from the Notifiable Diseases Registry (Field Health Service Information System).

It is hoped that this collaborative effort of the DOH and our partner agencies such as the NSO and the Local Government Units (LGUs) through their Rural Health Units (RHUs) and Barangay Health Stations (BHSs) will likewise contribute in stimulating medical researches and increasing the awareness of the people on the health status of the population.

I would like to express my grateful appreciation to our staff and our partner agencies for their selfless effort and support in making this notable undertaking possible.



MANUEL M. DAYRIT, MD, MSc.
Secretary of Health

DEFINITION OF TERMS

The following terms and concepts were used in this report and were defined as follows:

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.

ATTACK RATE (AR) - A more accurate measure of the risk of exposure. Useful in epidemiological investigations

ATTENDED - refers to the cases given medical care at any point in time during the course of the illness which directly caused death. Medical care may either be provided directly by a medical doctor or indirectly by allied health care providers, i.e., nurses and midwives who are under the direct supervision of a medical doctor. Otherwise, case is categorized as "*death unattended*".

BIRTH ORDER - is the numerical order of a child in relation to all previous pregnancies of the mother.

BIRTH WEIGHT - is the first weight of the fetus or newborn obtained after birth.

CASE FATALITY RATIO (CFR) - Index of the killing power of a disease. It is influenced by incomplete reporting and poor morbidity data.

CRUDE BIRTH RATE (CBR) - is a measure of one characteristic of the natural growth or increase of a population.

CRUDE DEATH RATE (CDR) - is measure of one mortality from all causes which may result in a decrease of population.

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.

DEATH - is the permanent disappearance of all evidence of life at any time after live birth has taken place (postnatal cessation of vital functions without capability of resuscitation).

EARLY NEONATAL DEATH - is the death among live births during the first 7 days

FETAL DEATH – is the death prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation of the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

FETAL DEATH RATE (FDR) - Measures pregnancy wastage. Death of the product of conception occurs prior to its complete expulsion, irrespective of duration of pregnancy.

INCIDENCE RATE (IR) - Measures the frequency of occurrence of the phenomenon during a given period of time. Deals only with new cases.

INFANT MORTALITY/DEATH – is the death of an infant under one year of age.

INFANT MORTALITY RATE (IMR) - 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.

LATE FETAL DEATH – is the death of fetus 28 or more completed weeks of gestation.

LATE NEONATAL DEATH – is the death among live births after the 7th day but before 28 completed days of life.

LIVE BIRTH – is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy, which after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such birth is considered liveborn.

MATERNAL MORTALITY/DEATH – is the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes.

MATERNAL MORTALITY RATE (MMR) - 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.

NEONATAL DEATH – is the death among live births during the first 28 completed days of life.

NEONATAL DEATH RATE (NDR) - Measures the risk of dying during the 1st month of life. May serve as index of the effects of prenatal care and obstetrical management on the newborn.

PLACE OF OCCURRENCE - refers to the place where the vital event took place.

PREVALENCE RATE (PR) - 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.

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

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.

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

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.

USUAL RESIDENCE - refers to the place where the person habitually or permanently resides.

FORMULA OF VITAL HEALTH INDICATORS

Attack Rate (AR)

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

Case Fatality Ratio(CFR)

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

Crude Birth Rate (CBR)

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

Crude Death Rate (CDR)

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

Fetal Death Rate (FDR)

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

Incidence Rate (IR)

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

Infant Mortality Rate (IMR)

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

Maternal Mortality Rate (MMR)

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

Neonatal Death Rate (NDR)

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

Prevalence Rate (PR)

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

Proportionate Mortality (PM)

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

Specific Death Rate (SDR)

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

Examples:

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

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

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

INTRODUCTION

A. SOURCES OF DATA

1. Live Birth, Death and Fetal Death Statistics

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

2. Notifiable Disease Statistics

Data on Notifiable Diseases is based on information submitted by different Rural Health Units (RHUs), City Health Offices (CHOs) or Provincial Health Offices (PHOs) and Municipal Health Offices (MHOs) 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 PHOs and CHOs Health Officers, collective weekly morbidity reports (W1-a, W1-b) to the National Epidemiology Center where such data received are then classified, compiled, analyzed and interpreted. The complete report is presented in Field Health Service Information System (FHSIS) Annual Report.

3. Population Statistics

The 1995 Census-Based National, Regional and Provincial Population Projection, Volume II and the 1995 Census-Based City/Municipal Population Projections of the National Statistics Office (NSO) were used as the official population estimates for the computation of the different indicators presented in this report. It presented population projections at the national, regional, provincial and city levels based on the population census conducted in 1995.

These were approved for adoption as the official set of national, regional, provincial and city population projection by the National Statistical Coordination Board (NSCB) Executive Board under NSCB Resolution No.2

dated November 1998 and NSCB Resolution No.13 dated December 1999, respectively.

B. CLASSIFICATION OF DATA

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

1. Geographic Classification

Live births and data on notifiable diseases have been classified by place of occurrence. First by region which is a geographical division created as a result of the reorganization of the Department of Health (DOH), then, by province and city which were political divisions of the country. There are sixteen (16) regions, seventy eight (78) provinces and eighty (80) cities. The National Capital Region (NCR) has seven (7) more municipalities distributed to three (3) districts. There is no classification as to whether it is rural or urban because of the lack of established criteria.

Mortality data were classified geographically either by place of usual residence of the deceased or by place of occurrence of death. Usual residence refers to the place where the person habitually or permanently resides. Data on deaths by place of usual residence of the deceased are used to prepare population estimates and projections. These data include death that occurred in the Philippines and the deceased were residents of other countries which fall under classification "foreign countries". On the other hand, classification of deaths by place of occurrence considered the actual place in the Philippines where death occurred disregarding the usual residence of the deceased.

2. Age

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

3. Diseases and Causes of Death

Morbidity and Mortality statistics published by the Department of Health are classified and tabulated in accordance with the International Classification of Diseases, Version 10 (ICD-10). The structure of the ICD-10 code is alphanumeric. The first character of the code is an alpha character, A to Z except U, followed by 2, 3 or 4 numeric character. Some 3 character

categories are further subdivided into sub-categories to enable coding of a disease or condition as specifically as possible.

4. Sex

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

C. ANALYSIS AND INTERPRETATION OF DATA

Vital statistics are essential in planning, operating and evaluating programs on health, transport, agricultural production, employment, housing, among others. They are very useful for a variety of administrative and research purposes. However, they cannot correctly be interpreted unless pertinent qualifying factors are taken into consideration.

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

1. Small Frequencies

The number of births and deaths reported for an area or community, or the number of ailments, represents complete counts of such events. Such being the case, they are not subject to sampling errors although they are subject to errors in the registration process or reporting system. When data is used for analytical purposes, as for example, the comparison of rate over a time period or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have 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 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 per 1,000 live births; and the specific diseases morbidity and mortality rates classified either by age, age

3. Completeness of Registration and Notification

In the Philippines, although the law provides for a compulsory registration of births, deaths and fetal deaths and the reporting of Notifiable Diseases (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, sources of data are the RHUs and BHSs in the country, thus cases identified or confirmed in hospitals and other private facilities are not included in the report. Completeness in the reporting of Notifiable Diseases varies greatly by disease and by area. In general and from all indications, reporting is apparently incomplete.

4. Population Bases

The official population estimates since 1931, as computed by NSO using geometric method, are presented in this report. The bases for the yearly population figures are the censuses of 1918, 1939, 1948, 1960, 1970, 1975, 1980, 1990 and 1995.

The population from 1996 to 1999 in this report were projected from the 1995 census. The base population for the projections were generated from the national, regional and provincial population data as obtained from the 1995 census. To ascertain the accuracy of age reporting and the completeness of enumeration, the results of the 1995 census were assessed separately as well as jointly with other existing data.

Philippine Health Picture

1979 –1999



POPULATION

Increased from 46,580,400 to 74,745,756
60.5% Increase



CRUDE BIRTH RATE

Decreased from 30.7 to 21.6
29.6% Decrease



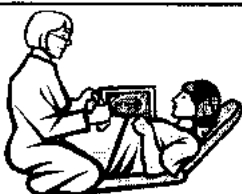
CRUDE DEATH RATE

Increased from 4.4 to 4.7
6.8% increase



INFANT DEATH RATE

Declined from 50.2 to 15.6
68.9% Decrease



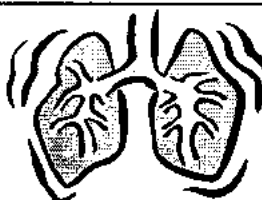
MATERNAL DEATH RATE

Declined from 1.1 to 0.8
27.3% Decrease



FETAL DEATH RATE

Declined from 10.2 to 6.1
40.2% Decrease



TUBERCULOSIS DEATH RATE

Declined from 58.4 to 38.7
33.7% Decrease



1999 LIFE EXPECTANCY AT BIRTH

Male 66.03 years Female 71.28 years
Both Sexes 68.66 years

Table 1

ESTIMATED POPULATION BY SEX
Philippines, 1949- 1999

| YEAR | BOTH SEXES | MALE | FEMALE |
|-------------|-------------------|-------------|---------------|
| 1999 | 74,745,756 | 37,650,939 | 37,094,817 |
| 1998 | 73,147,776 | 36,851,141 | 36,296,635 |
| 1997 | 71,549,790 | 36,051,342 | 35,498,448 |
| 1996 | 69,951,810 | 35,251,544 | 34,700,266 |
| 1995 | 68,616,536 | 34,584,170 | 34,032,366 |
| 1994 | 68,624,247 | 34,476,274 | 34,147,973 |
| 1993 | 66,981,614 | 33,653,665 | 33,327,949 |
| 1992 | 65,338,989 | 32,831,066 | 32,507,923 |
| 1991 | 63,620,672 | 31,973,356 | 31,647,316 |
| 1990 | 62,049,229 | 31,183,608 | 30,865,621 |
| 1989 | 60,096,988 | 30,182,591 | 29,914,397 |
| 1988 | 58,721,307 | 29,486,542 | 29,234,765 |
| 1987 | 57,356,042 | 28,795,983 | 28,560,059 |
| 1986 | 56,004,130 | 28,112,404 | 27,891,726 |
| 1985 | 54,668,332 | 27,437,246 | 27,231,086 |
| 1984 | 53,192,708 | 26,699,705 | 26,493,003 |
| 1983 | 51,399,565 | 26,091,773 | 25,307,792 |
| 1982 | 51,357,151 | 25,475,273 | 25,881,878 |
| 1981 | 49,536,022 | 24,846,275 | 24,689,747 |
| 1980 | 48,316,503 | 24,231,626 | 24,084,877 |
| 1979 | 46,580,400 | 23,150,500 | 23,429,900 |
| 1978 | 45,528,500 | 22,627,700 | 22,900,800 |
| 1977 | 45,005,300 | 22,412,700 | 22,592,600 |
| 1976 | 43,751,300 | 21,744,400 | 22,006,900 |
| 1975 | 42,517,300 | 21,169,400 | 21,347,900 |
| 1974 | 41,457,100 | 20,645,600 | 20,811,500 |
| 1973 | 40,219,000 | 20,030,000 | 20,189,000 |
| 1972 | 39,039,700 | 19,434,000 | 19,605,700 |
| 1971 | 37,959,000 | 18,888,000 | 19,071,000 |
| 1970 | 36,849,000 | 18,318,000 | 18,531,000 |
| 1969 | 37,158,000 | 18,741,000 | 18,417,000 |
| 1968 | 35,883,000 | 18,098,000 | 17,785,000 |
| 1967 | 35,196,000 | 17,480,000 | 17,716,000 |
| 1966 | 33,477,000 | 16,885,000 | 16,592,000 |
| 1965 | 32,345,000 | 16,314,000 | 16,031,000 |
| 1964 | 31,270,000 | 15,772,000 | 15,498,000 |
| 1963 | 30,241,000 | 15,255,000 | 14,986,000 |
| 1962 | 29,257,000 | 14,759,000 | 14,498,000 |
| 1961 | 28,313,000 | 14,282,000 | 14,031,000 |
| 1960 | 27,410,000 | 13,826,000 | 13,584,000 |
| 1959 | 26,926,400 | 13,441,700 | 13,484,700 |
| 1958 | 26,096,600 | 13,032,700 | 13,063,900 |
| 1957 | 25,292,400 | 12,638,600 | 12,653,800 |
| 1956 | 24,513,000 | 12,254,100 | 12,258,900 |
| 1955 | 23,757,600 | 11,881,200 | 11,876,400 |
| 1954 | 23,025,500 | 11,521,900 | 11,503,600 |
| 1953 | 22,316,000 | 11,171,400 | 11,144,600 |
| 1952 | 21,628,300 | 10,831,500 | 10,796,800 |
| 1951 | 20,961,800 | 10,503,900 | 10,457,900 |
| 1950 | 20,285,800 | 10,154,300 | 10,131,500 |
| 1949 | 19,689,800 | 9,874,400 | 9,815,400 |

ESTIMATED POPULATION

Philippines, 1949-1999

No. in millions

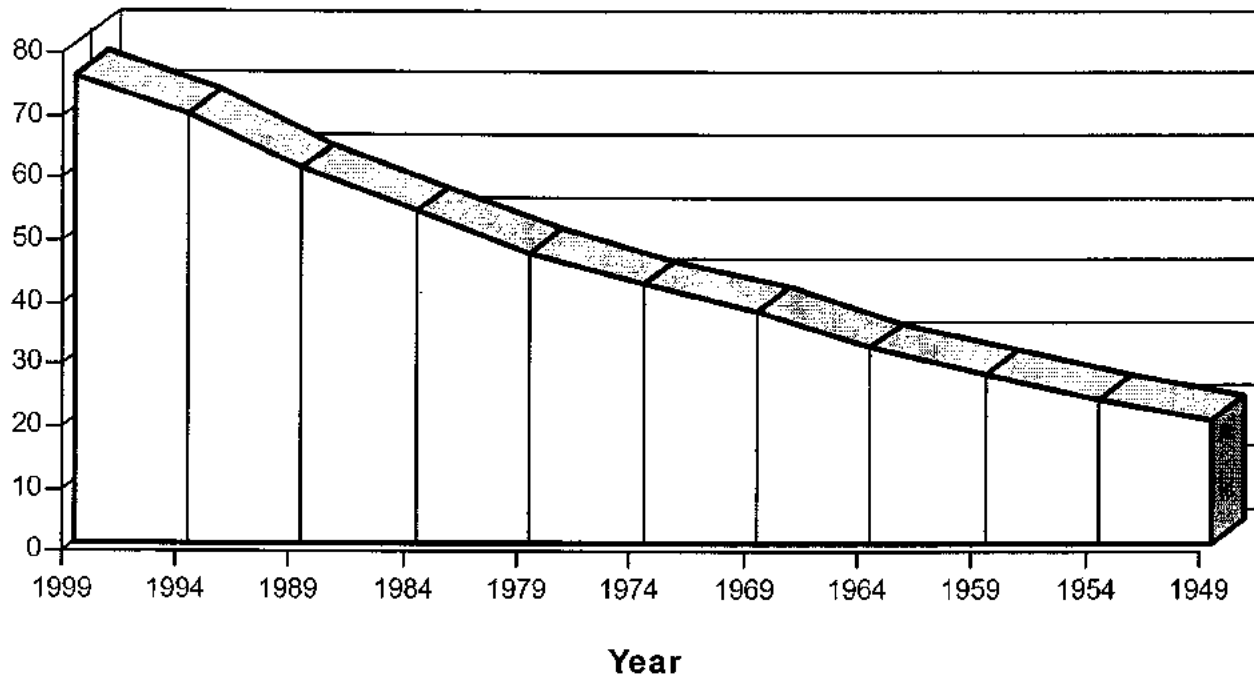


Figure 2

Table 2

**Estimated Population
By Region, Province & City
Philippines, 1999***

| Area | Population | Area | Population |
|--------------------------------|-------------------|-----------------------|-------------------|
| PHILIPPINES | 74,745,756 | | |
| National Capital Region | 10,194,302 | Nueva Ecija | 1,263,927 |
| City of Manila | 1,580,924 | Pampanga | 1,537,726 |
| Manila 2nd District | 646,132 | Tarlac | 769,771 |
| Mandaluyong City | 293,354 | Zambales | 424,485 |
| Marikina City | 398,068 | Angeles City | 249,677 |
| Pasig City | 520,026 | Cabanatuan City | 219,055 |
| Quezon City | 2,112,722 | Olangapo City | 183,589 |
| Manila, 3rd District | 624,013 | Palayan City | 31,396 |
| Kalookan City | 1,157,881 | San Jose City | 105,819 |
| Valenzuela City | 501,097 | Tarlac City | 248,489 |
| Manila, 4th District | 1,012,289 | | |
| Makati City | 489,678 | Region 4 | 11,040,036 |
| Parañaque City | 439,849 | Aurora | 177,437 |
| Pasay City | 418,271 | Batangas | 1,341,592 |
| | | Cavite | 1,658,044 |
| C.A.R. | 1,372,668 | Laguna | 1,629,042 |
| Abra | 207,023 | Marinduque | 207,651 |
| Apayao | 91,134 | Mindoro Occidental | 368,069 |
| Benguet | 335,040 | Mindoro Oriental | 554,478 |
| Ifugao | 163,350 | Palawan | 565,251 |
| Kalinga | 167,272 | Quezon | 1,465,717 |
| Mt. Province | 140,085 | Rizal | 1,115,680 |
| | | Romblon | 257,562 |
| Baguio City | 268,772 | Antipolo City | 484,510 |
| | | Batangas City | 227,099 |
| Region 1 | 4,075,569 | Calapan City | 106,571 |
| Ilocos Norte | 415,877 | Cavite City | 90,826 |
| Ilocos Sur | 574,083 | Lipa City | 190,392 |
| La Union | 542,558 | Lucena City | 199,212 |
| Pangasinan | 1,961,094 | Puerto Princessa City | 150,055 |
| Dagupan City | 133,908 | San Pablo City | 197,231 |
| Laoag City | 93,901 | Tagaytay City | 31,518 |
| San Carlos City | 144,293 | Trece Martires City | 22,105 |
| San Fernando City | 100,366 | | |
| Urdaneta City | 109,497 | Region 5 | 4,665,812 |
| | | Albay | 928,638 |
| Region 2 | 2,756,509 | Camarines Norte | 486,919 |
| Batanes | 14,891 | Camarines Sur | 1,339,404 |
| Cagayan | 960,670 | Catanduanes | 218,828 |
| Isabela | 1,159,692 | Masbate | 684,241 |
| Nueva Vizcaya | 365,702 | Sorsogon | 623,671 |
| Quirino | 146,392 | Iriga City | 85,838 |
| Santiago City | 109,171 | Legaspi City | 158,015 |
| | | Naga City | 140,276 |
| Region 3 | 7,538,992 | Region 6 | 6,214,068 |
| Bataan | 537,201 | Aklan | 440,156 |
| Bulacan | 1,967,868 | Antique | 463,273 |
| | | Capiz | 536,896 |
| | | Iloilo | 1,455,080 |

* 1999 estimated population is a 1995 census-based projected population

Table 2

**Estimated Population
By Region, Province & City
Philippines, 1999***

| Area | Population | Area | Population |
|---------------------|------------------|-----------------------------|------------------|
| Negros Occidental | 1,302,599 | Region 10 | 2,714,412 |
| Guimaras | 135,879 | Bukidnon | 920,424 |
| Bacolod City | 447,492 | Camiguin | 71,847 |
| Bago City | 145,876 | Misamis Occidental | 267,296 |
| Cadiz City | 128,472 | Misamis Oriental | 528,631 |
| Iloilo City | 363,778 | | |
| La Carlota City | 58,932 | Cagayan de Oro City | 486,652 |
| Passi City | 63,111 | Gingoog City | 89,709 |
| Roxas City | 133,051 | Malaybalay City | 132,277 |
| Sagay City | 136,295 | Oroquieta City | 59,362 |
| San Carlos City | 105,272 | Ozamis City | 110,148 |
| Silay City | 137,850 | Tangub City | 48,067 |
| Talisay City | 73,665 | | |
| Victorias City | 86,396 | Region 11 | 5,106,837 |
| Region 7 | 5,434,790 | Campostella Valley | 63,156 |
| Bohol | 991,419 | Cotabato South | 688,169 |
| Cebu | 1,829,928 | Davao Oriental | 443,432 |
| Negros Oriental | 888,303 | Davao Del Norte | 1,062,896 |
| Siquijor | 79,384 | Davao Del Sur | 714,434 |
| | | Saranggani | 415,578 |
| Bais City | 66,729 | Davao City | 1,121,812 |
| Canlaon City | 44,739 | Gen. Santos City | 394,355 |
| Cebu City | 719,710 | Island Garden City of Samal | 23,961 |
| Danao City | 87,229 | Tagum City | 179,048 |
| Dumaguete City | 102,793 | Region 12 | 2,598,484 |
| Lapu-Lapu City | 200,871 | Lanao Del Norte | 478,865 |
| Mandawe City | 210,157 | North Cotabato | 852,421 |
| Tagbilaran City | 78,021 | Sultan Kudarat | 577,720 |
| Toledo City | 135,511 | | |
| Region 8 | 3,668,236 | Cotabato City | 160,424 |
| Leyte Del Norte | 1,300,706 | Iligan City | 308,056 |
| Leyte Del Sur | 346,154 | Kidapawan City | 97,705 |
| Eastern Samar | 389,725 | Marawi City | 123,295 |
| Northern Samar | 491,927 | | |
| Western Samar | 498,027 | Caraga | 2,134,454 |
| Biliran | 144,410 | Agusan Del Norte | 287,180 |
| Calbayog City | 141,192 | Agusan Del Sur | 596,735 |
| Ormoc City | 160,501 | Surigao Del Norte | 358,384 |
| Tacloban City | 195,601 | Surigao Del Sur | 507,611 |
| Region 9 | 3,079,490 | Butuan City | 268,840 |
| Basilan | 318,186 | Surigao City | 115,704 |
| Zamboanga Del Norte | 677,320 | ARMM | 2,151,128 |
| Zamboanga Del Sur | 1,187,750 | Lanao del Sur | 617,735 |
| Dapitan City | 67,982 | Maguindanao | 723,967 |
| Dipolog City | 101,307 | Sulu | 546,651 |
| Pagadian City | 143,153 | Tawi-Tawi | 262,782 |
| Zamboanga City | 583,796 | | |

* 1999 estimated population is a 1995 census-based projected population

Table 3

**Estimated Population and Percent Distribution
By Age Group & Sex
Philippines, 1999**

| Age Group | Population | | | Percent* | | |
|-----------------|-------------------|-------------------|-------------------|-------------|-------------|--------------|
| | Male | Female | Both Sexes | Male | Female | Both Sexes |
| All Ages | 37,650,939 | 37,094,817 | 74,745,756 | 50.4 | 49.6 | 100.0 |
| Under 1 yr. | 1,013,041 | 948,477 | 1,961,518 | 1.4 | 1.3 | 2.6 |
| 1 - 4 yr. | 3,887,802 | 3,721,016 | 7,608,818 | 5.2 | 5.0 | 10.2 |
| 5 - 9 yrs. | 4,743,984 | 4,461,860 | 9,205,844 | 6.3 | 6.0 | 12.3 |
| 10 - 14 yrs. | 4,355,324 | 4,176,621 | 8,531,945 | 5.8 | 5.6 | 11.4 |
| 15 - 19 yrs. | 3,931,046 | 3,847,783 | 7,778,829 | 5.3 | 5.1 | 10.4 |
| 20 - 24 yrs. | 3,512,936 | 3,483,669 | 6,996,605 | 4.7 | 4.7 | 9.4 |
| 25 - 29 yrs. | 3,103,912 | 3,105,729 | 6,209,641 | 4.2 | 4.2 | 8.3 |
| 30 - 34 yrs. | 2,722,537 | 2,721,908 | 5,444,445 | 3.6 | 3.6 | 7.3 |
| 35 - 39 yrs. | 2,349,704 | 2,331,969 | 4,681,673 | 3.1 | 3.1 | 6.3 |
| 40 - 44 yrs. | 1,988,342 | 1,968,145 | 3,956,487 | 2.7 | 2.6 | 5.3 |
| 45 - 49 yrs. | 1,631,445 | 1,611,975 | 3,243,420 | 2.2 | 2.2 | 4.3 |
| 50 - 54 yrs. | 1,311,768 | 1,309,950 | 2,621,718 | 1.8 | 1.8 | 3.5 |
| 55 - 59 yrs. | 1,005,734 | 1,028,252 | 2,033,986 | 1.3 | 1.4 | 2.7 |
| 60 - 64 yrs. | 764,213 | 804,255 | 1,568,468 | 1.0 | 1.1 | 2.1 |
| 65 - 69 yrs. | 552,966 | 609,044 | 1,162,010 | 0.7 | 0.8 | 1.6 |
| 70 yrs. & Over | 776,185 | 964,164 | 1,740,349 | 1.0 | 1.3 | 2.3 |

* Percent share to total population

ESTIMATED POPULATION

Percent Distribution, By Age & Sex

Philippines, 1999

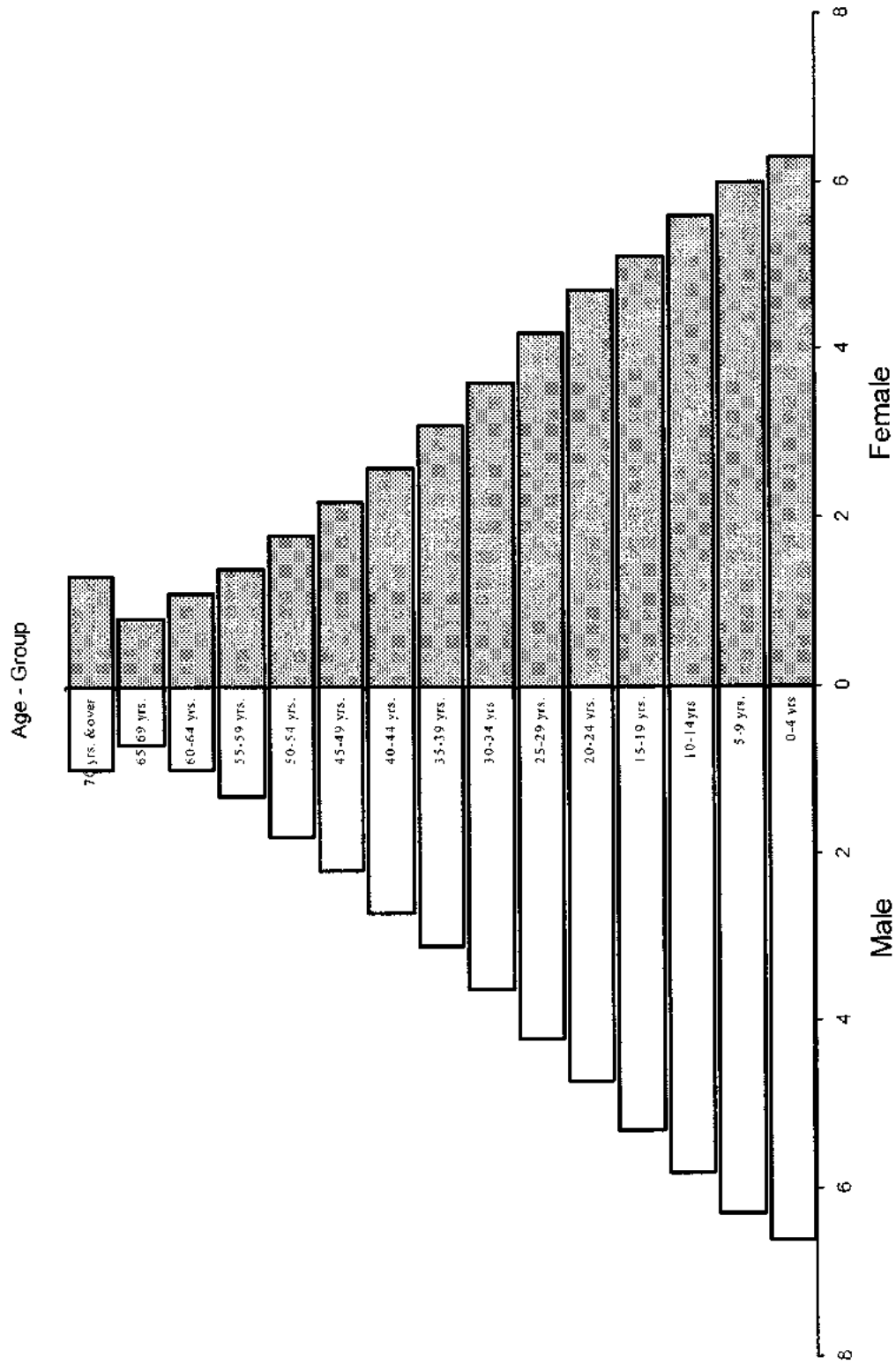


Figure 3

Table 4

Livebirths, Total Deaths, Fetal Deaths & Maternal Deaths
Number & Rate
Philippines, 1950 - 1999

| Year | Livebirths | | Total Deaths | | Infant Deaths | | Maternal Deaths | | Fetal Deaths | |
|------|------------|-------|--------------|-------|---------------|--------|-----------------|--------|--------------|--------|
| | Number | Rate* | Number | Rate* | Number | Rate** | Number | Rate** | Number | Rate** |
| 1999 | 1,613,335 | 21.6 | 347,989 | 4.7 | 25,168 | 15.6 | 1,348 | 0.8 | 9,841 | 6.1 |
| 1998 | 1,632,859 | 22.3 | 352,992 | 4.8 | 28,196 | 17.3 | 1,579 | 1.0 | 6,232 | 3.8 |
| 1997 | 1,653,236 | 23.1 | 339,400 | 4.7 | 28,061 | 17.0 | 1,513 | 0.9 | 9,706 | 5.9 |
| 1996 | 1,608,468 | 23.0 | 344,363 | 4.9 | 30,550 | 19.0 | 1,557 | 1.0 | 9,693 | 6.0 |
| 1995 | 1,645,043 | 24.0 | 324,737 | 4.7 | 30,631 | 18.6 | 1,488 | 0.9 | 9,731 | 5.9 |
| 1994 | 1,643,707 | 24.0 | 321,440 | 4.7 | 31,073 | 18.9 | 1,791 | 1.1 | 9,291 | 5.7 |
| 1993 | 1,680,896 | 25.1 | 318,546 | 4.8 | 34,673 | 20.6 | 1,548 | 0.9 | 9,338 | 5.6 |
| 1992 | 1,684,395 | 25.8 | 319,575 | 4.9 | 36,814 | 21.9 | 1,394 | 0.8 | 8,631 | 5.1 |
| 1991 | 1,643,296 | 25.8 | 298,063 | 4.7 | 34,332 | 20.9 | 1,144 | 0.7 | 10,776 | 6.6 |
| 1990 | 1,631,069 | 26.3 | 313,890 | 5.1 | 39,633 | 24.3 | 1,307 | 0.8 | 11,915 | 7.3 |
| 1989 | 1,565,254 | 26.0 | 325,621 | 5.4 | 43,026 | 27.5 | 1,579 | 1.0 | 11,423 | 7.3 |
| 1988 | 1,565,372 | 26.7 | 325,098 | 5.5 | 47,187 | 30.1 | 1,745 | 1.1 | 10,641 | 6.8 |
| 1987 | 1,582,469 | 27.6 | 335,254 | 5.8 | 50,803 | 32.1 | 1,611 | 1.0 | 10,515 | 6.6 |
| 1986 | 1,493,995 | 26.7 | 326,749 | 5.8 | 52,263 | 35.0 | 1,573 | 1.1 | 8,400 | 5.6 |
| 1985 | 1,437,157 | 26.3 | 334,663 | 6.1 | 54,613 | 38.0 | 1,489 | 1.0 | 8,948 | 6.2 |
| 1984 | 1,478,205 | 27.8 | 313,359 | 5.9 | 56,897 | 38.5 | 1,379 | 0.9 | 11,884 | 8.0 |
| 1983 | 1,506,356 | 29.3 | 327,260 | 6.4 | 64,267 | 42.7 | 1,502 | 1.0 | 14,780 | 9.8 |
| 1982 | 1,474,491 | 28.7 | 308,758 | 6.0 | 61,655 | 41.8 | 1,425 | 1.0 | 13,465 | 9.1 |
| 1981 | 1,461,204 | 29.5 | 301,117 | 6.1 | 64,415 | 44.1 | 1,542 | 1.1 | 13,343 | 9.1 |
| 1980 | 1,456,860 | 30.2 | 298,006 | 6.2 | 65,700 | 45.1 | 1,607 | 1.1 | 13,965 | 9.6 |
| 1979 | 1,429,814 | 30.7 | 206,427 | 4.4 | 71,772 | 50.2 | 1,635 | 1.1 | 14,586 | 10.2 |
| 1978 | 1,387,588 | 30.5 | 297,034 | 6.5 | 73,640 | 53.1 | 1,734 | 1.2 | 14,365 | 10.4 |
| 1977 | 1,344,836 | 29.9 | 308,904 | 6.9 | 76,330 | 56.8 | 1,909 | 1.4 | 14,589 | 10.8 |
| 1976 | 1,314,860 | 30.1 | 299,861 | 6.9 | 74,792 | 56.9 | 1,862 | 1.4 | 14,865 | 11.3 |
| 1975 | 1,223,837 | 28.8 | 271,136 | 6.4 | 65,263 | 53.3 | 1,753 | 1.4 | 13,764 | 11.2 |
| 1974 | 1,081,073 | 26.1 | 283,975 | 6.8 | 63,491 | 58.7 | 1,690 | 1.6 | 13,451 | 12.4 |
| 1973 | 1,049,290 | 26.1 | 283,475 | 7.0 | 67,881 | 64.7 | 1,488 | 1.4 | 10,808 | 10.3 |
| 1972 | 968,385 | 24.8 | 285,761 | 7.3 | 65,719 | 67.9 | 1,379 | 1.4 | 13,577 | 14.0 |
| 1971 | 963,749 | 25.4 | 250,139 | 6.6 | 59,730 | 62.0 | 1,261 | 1.3 | 12,969 | 13.5 |
| 1970 | 1,008,504 | 27.4 | 248,251 | 6.7 | 59,774 | 59.3 | 1,950 | 1.9 | 7,384 | 7.3 |
| 1969 | 1,015,784 | 27.3 | 255,785 | 6.9 | 65,142 | 64.1 | 2,047 | 2.0 | 7,290 | 7.2 |
| 1968 | 961,646 | 26.8 | 253,841 | 7.1 | 62,994 | 65.5 | 1,979 | 2.1 | 6,855 | 7.1 |
| 1967 | 911,872 | 25.9 | 241,548 | 6.9 | 59,448 | 65.2 | 1,822 | 2.0 | 7,468 | 8.2 |
| 1966 | 908,826 | 27.1 | 240,865 | 7.2 | 59,810 | 65.8 | 1,829 | 2.0 | 6,166 | 6.8 |
| 1965 | 871,715 | 27.0 | 241,305 | 7.5 | 59,733 | 68.5 | 1,757 | 2.0 | 6,143 | 7.0 |
| 1964 | 880,871 | 28.2 | 214,904 | 6.9 | 54,174 | 61.5 | 1,031 | 1.2 | 6,696 | 7.6 |
| 1963 | 851,459 | 28.2 | 215,743 | 7.1 | 56,700 | 66.6 | 1,783 | 2.1 | 7,026 | 8.3 |
| 1962 | 832,204 | 28.4 | 213,439 | 7.3 | 56,365 | 67.7 | 1,944 | 2.3 | 7,424 | 8.9 |
| 1961 | 782,857 | 27.7 | 213,587 | 7.5 | 56,663 | 72.4 | 2,023 | 2.6 | 8,800 | 11.2 |
| 1960 | 810,904 | 29.6 | 212,688 | 7.8 | 59,301 | 73.1 | 1,981 | 2.4 | 10,262 | 12.7 |
| 1959 | 809,086 | 30.0 | 197,423 | 7.3 | 58,610 | 72.4 | 2,114 | 2.6 | 10,167 | 12.6 |
| 1958 | 766,562 | 29.4 | 218,186 | 8.4 | 61,335 | 80.0 | 2,235 | 2.9 | 9,012 | 11.8 |
| 1957 | 748,331 | 29.6 | 241,469 | 9.5 | 69,592 | 93.0 | 1,963 | 2.6 | 8,967 | 12.0 |
| 1956 | 757,794 | 30.9 | 219,719 | 9.0 | 63,583 | 83.9 | 2,241 | 3.0 | *** | *** |
| 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 | *** | *** |

* Per 1000 Population

CRUDE BIRTH AND DEATH RATES

Rate / 1,000 Population
Philippines, 1950-1999

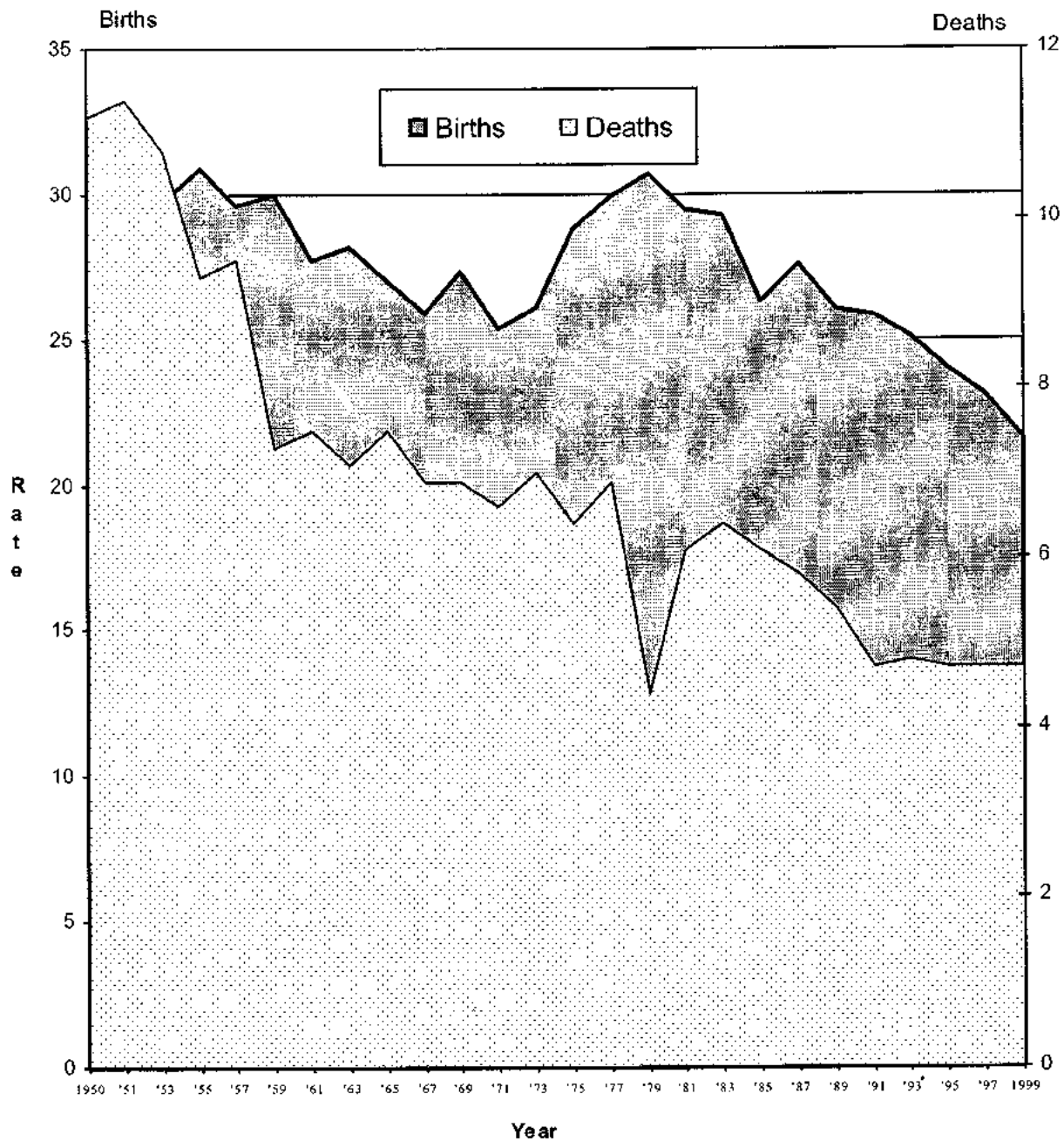


Figure 4

INFANT AND MATERNAL DEATH RATES

Rate \uparrow 1,000 livebirths
Philippines, 1950-1999

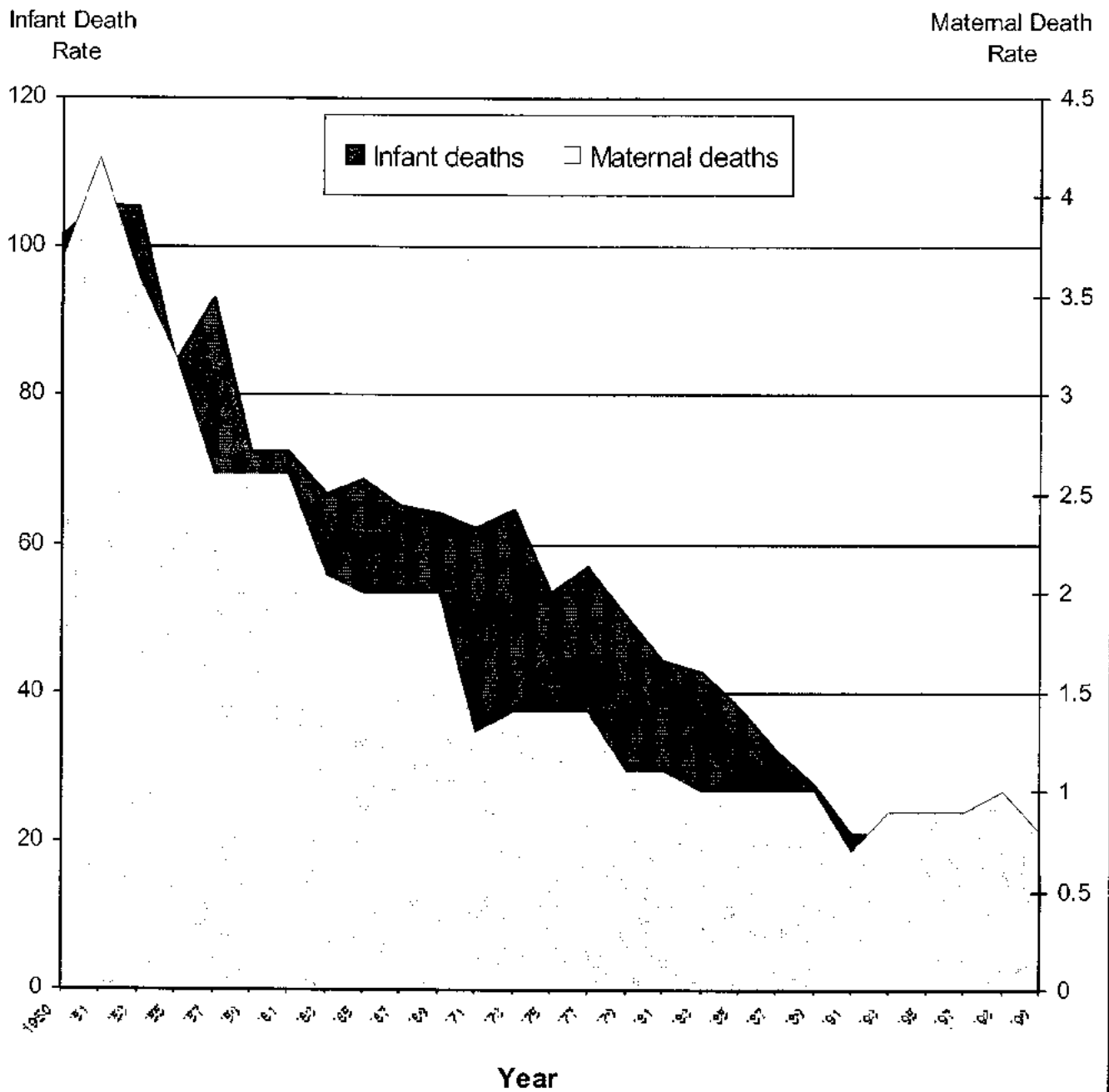


Figure 5

Table 5

Livebirths, Total Deaths , Infant Deaths, Fetal Deaths & Maternal Deaths
By Region, Province & City
Number & Rate
Philippines, 1999

| Area | Livebirths | | Total Deaths | | Infant Deaths | | Fetal Deaths | | Maternal Deaths | |
|----------------------|------------------|-------------|----------------|------------|---------------|-------------|--------------|------------|-----------------|------------|
| | Number | Rate* | Number | Rate* | Number | Rate** | Number | Rate** | Number | Rate** |
| PHILIPPINES | 1,613,335 | 21.6 | 347,989 | 4.7 | 25,168 | 15.6 | 9,841 | 6.1 | 1,348 | 0.8 |
| N.C.R. | 286,571 | 28.1 | 58,770 | 5.8 | 7,191 | 25.1 | 2,198 | 7.7 | 152 | 0.5 |
| City of Manila | 49,917 | 31.6 | 18,353 | 11.6 | 3,688 | 73.9 | 379 | 7.6 | 26 | 0.5 |
| Manila, 2nd District | 3,152 | 4.9 | 774 | 1.2 | 58 | 18.4 | 13 | 4.1 | 2 | 0.6 |
| Mandaluyong City | 7,124 | 24.3 | 1,827 | 6.2 | 102 | 14.3 | 84 | 11.8 | 8 | 1.1 |
| Marikina City | 10,369 | 26.0 | 1,926 | 4.8 | 184 | 17.7 | 78 | 7.5 | 6 | 0.6 |
| Pasig City | 15,826 | 30.4 | 3,390 | 6.5 | 404 | 25.5 | 118 | 7.5 | 8 | 0.5 |
| Quezon City | 61,467 | 29.1 | 13,864 | 6.6 | 1,264 | 20.6 | 353 | 5.7 | 21 | 0.3 |
| Manila, 3rd District | 16,375 | 26.2 | 2,204 | 3.5 | 143 | 8.7 | 109 | 6.7 | 5 | 0.3 |
| Kalookan City | 33,150 | 28.6 | 4,126 | 3.6 | 312 | 9.4 | 219 | 6.6 | 20 | 0.6 |
| Valenzuela City | 14,380 | 28.7 | 1,612 | 3.2 | 140 | 9.7 | 133 | 9.2 | 13 | 0.9 |
| Manila, 4th District | 38,459 | 38.0 | 4,491 | 4.4 | 418 | 10.9 | 392 | 10.2 | 25 | 0.7 |
| Makati City | 13,392 | 27.3 | 2,452 | 5.0 | 158 | 11.8 | 122 | 9.1 | 7 | 0.5 |
| Parañaque City | 13,439 | 30.6 | 2,094 | 4.8 | 193 | 14.4 | 124 | 9.2 | 5 | 0.4 |
| Pasay City | 9,521 | 22.8 | 1,657 | 4.0 | 127 | 13.3 | 74 | 7.8 | 6 | 0.6 |
| C.A.R. | 30,497 | 22.2 | 5,012 | 3.7 | 359 | 11.8 | 168 | 5.5 | 14 | 0.5 |
| Abra | 3,947 | 19.1 | 1,085 | 5.2 | 51 | 12.9 | 1 | 0.3 | 3 | 0.8 |
| Apayao | 1,643 | 18.0 | 219 | 2.4 | 12 | 7.3 | 1 | 0.6 | 1 | 0.6 |
| Benguet | 8,096 | 24.2 | 1,125 | 3.4 | 96 | 11.9 | 53 | 6.5 | 4 | 0.5 |
| Ifugao | 3,093 | 18.9 | 444 | 2.7 | 54 | 17.5 | 36 | 11.6 | 2 | 0.6 |
| Kalinga | 2,793 | 16.7 | 275 | 1.6 | 8 | 2.9 | 3 | 1.1 | 1 | 0.4 |
| Mt. Province | 3,193 | 22.8 | 535 | 3.8 | 45 | 14.1 | 40 | 12.5 | 1 | 0.3 |
| Baguio City | 7,732 | 28.8 | 1,329 | 4.9 | 93 | 12.0 | 34 | 4.4 | 2 | 0.3 |
| REGION 1 | 94,047 | 23.1 | 26,842 | 6.6 | 1,803 | 19.2 | 633 | 6.7 | 70 | 0.7 |
| Ilocos Norte | 8,356 | 20.1 | 2,803 | 6.7 | 144 | 17.2 | 82 | 9.8 | 6 | 0.7 |
| Ilocos Sur | 11,855 | 20.7 | 3,969 | 6.9 | 202 | 17.0 | 27 | 2.3 | 6 | 0.5 |
| La Union | 12,251 | 22.6 | 3,020 | 5.6 | 182 | 14.9 | 61 | 5.0 | 12 | 1.0 |
| Pangasinan | 47,424 | 24.2 | 11,037 | 5.6 | 671 | 14.1 | 336 | 7.1 | 33 | 0.7 |
| Dagupan City | 4,379 | 32.7 | 1,982 | 14.8 | 254 | 58.0 | 40 | 9.1 | 2 | 0.5 |
| Laoag City | 1,882 | 20.0 | 832 | 8.9 | 68 | 36.1 | 20 | 10.6 | 1 | 0.5 |
| San Carlos City | 3,110 | 21.6 | 1,089 | 7.5 | 106 | 34.1 | 22 | 7.1 | 7 | 2.3 |
| San Fernando City | 2,274 | 22.7 | 1,317 | 13.1 | 140 | 61.6 | 12 | 5.3 | 2 | 0.9 |
| Urdaneta City | 2,516 | 23.0 | 793 | 7.2 | 36 | 14.3 | 33 | 13.1 | 1 | 0.4 |
| REGION 2 | 55,908 | 20.3 | 12,856 | 4.7 | 731 | 13.1 | 194 | 3.5 | 43 | 0.8 |
| Batanes | 348 | 23.4 | 121 | 8.1 | 16 | 46.0 | 6 | 17.2 | 1 | 2.9 |
| Cagayan | 20,482 | 21.3 | 5,135 | 5.3 | 317 | 15.5 | 80 | 3.9 | 19 | 0.9 |

Table 5

**Livebirths, Total Deaths , Infant Deaths, Fetal Deaths & Maternal Deaths
By Region, Province & City
Number & Rate
Philippines, 1999**

| Area | Livebirths | | Total Deaths | | Infant Deaths | | Fetal Deaths | | Maternal Deaths | |
|-----------------------|----------------|-------------|---------------|------------|---------------|-------------|--------------|------------|-----------------|------------|
| | Number | Rate* | Number | Rate* | Number | Rate** | Number | Rate** | Number | Rate** |
| Isabela | 22,532 | 19.4 | 4,750 | 4.1 | 237 | 10.5 | 35 | 1.6 | 15 | 0.7 |
| Nueva Vizcaya | 7,511 | 20.5 | 1,633 | 4.5 | 83 | 11.1 | 35 | 4.7 | 5 | 0.7 |
| Quirino | 2,874 | 19.6 | 501 | 3.4 | 22 | 7.7 | 8 | 2.8 | 2 | 0.7 |
| Santiago City | 2,161 | 19.8 | 716 | 6.6 | 56 | 25.9 | 30 | 13.9 | 1 | 0.5 |
| REGION 3 | 183,681 | 24.4 | 37,902 | 5.0 | 2,225 | 12.1 | 875 | 4.8 | 107 | 0.6 |
| Bataan | 13,285 | 24.7 | 2,516 | 4.7 | 165 | 12.4 | 100 | 7.5 | 10 | 0.8 |
| Bulacan | 49,609 | 25.2 | 10,067 | 5.1 | 716 | 14.4 | 385 | 7.8 | 34 | 0.7 |
| Nueva Ecija | 25,561 | 20.2 | 5,791 | 4.6 | 257 | 10.1 | 49 | 1.9 | 18 | 0.7 |
| Pampanga | 38,961 | 25.3 | 6,551 | 4.3 | 296 | 7.6 | 54 | 1.4 | 12 | 0.3 |
| Tarlac | 17,692 | 23.0 | 3,656 | 4.7 | 201 | 11.4 | 66 | 3.7 | 9 | 0.5 |
| Zambales | 10,105 | 23.8 | 2,174 | 5.1 | 118 | 11.7 | 53 | 5.2 | 4 | 0.4 |
| Angeles City | 8,242 | 33.0 | 1,529 | 6.1 | 91 | 11.0 | 29 | 3.5 | 5 | 0.6 |
| Cabanatuan City | 5,092 | 23.2 | 1,901 | 8.7 | 91 | 17.9 | 21 | 4.1 | 5 | 1.0 |
| Olongapo City | 4,985 | 27.2 | 1,064 | 5.8 | 65 | 13.0 | 48 | 9.6 | 6 | 1.2 |
| Palayan City | 603 | 19.2 | 116 | 3.7 | 11 | 18.2 | - | 0.0 | - | 0.0 |
| San Jose City | 2,303 | 21.8 | 633 | 6.0 | 47 | 20.4 | 19 | 8.3 | 4 | 1.7 |
| Tarlac City | 7,243 | 29.1 | 1,904 | 7.7 | 167 | 23.1 | 51 | 7.0 | - | 0.0 |
| REGION 4 | 269,583 | 24.4 | 52,157 | 4.7 | 4,131 | 15.3 | 2,130 | 7.9 | 204 | 0.8 |
| Aurora | 3,997 | 22.5 | 754 | 4.2 | 70 | 17.5 | 21 | 5.3 | 6 | 1.5 |
| Batangas | 33,636 | 25.1 | 6,805 | 5.1 | 400 | 11.9 | 300 | 8.9 | 10 | 0.3 |
| Cavite | 44,493 | 26.8 | 7,142 | 4.3 | 517 | 11.6 | 390 | 8.8 | 28 | 0.6 |
| Laguna | 43,831 | 26.9 | 8,219 | 5.0 | 644 | 14.7 | 408 | 9.3 | 30 | 0.7 |
| Marinduque | 5,450 | 26.2 | 1,336 | 6.4 | 117 | 21.5 | 82 | 15.0 | 4 | 0.7 |
| Mindoro Occidental | 6,744 | 18.3 | 1,114 | 3.0 | 66 | 9.8 | 19 | 2.8 | 7 | 1.0 |
| Mindoro Oriental | 10,792 | 19.5 | 2,146 | 3.9 | 143 | 13.3 | 103 | 9.5 | 9 | 0.8 |
| Palawan | 9,231 | 16.3 | 1,279 | 2.3 | 99 | 10.7 | 27 | 2.9 | 11 | 1.2 |
| Quezon | 31,757 | 21.7 | 7,292 | 5.0 | 577 | 18.2 | 268 | 8.4 | 49 | 1.5 |
| Rizal | 29,191 | 26.2 | 4,298 | 3.9 | 365 | 12.5 | 149 | 5.1 | 26 | 0.9 |
| Romblon | 5,942 | 23.1 | 1,401 | 5.4 | 119 | 20.0 | 31 | 5.2 | 3 | 0.5 |
| Antipolo City | 12,647 | 26.1 | 1,622 | 3.3 | 169 | 13.4 | 31 | 2.5 | 11 | 0.9 |
| Batangas City | 6,292 | 27.7 | 1,515 | 6.7 | 151 | 24.0 | 34 | 5.4 | 2 | 0.3 |
| Calapan City | 2,419 | 22.7 | 762 | 7.2 | 51 | 21.1 | 38 | 15.7 | 2 | 0.8 |
| Cavite City | 2,499 | 27.5 | 692 | 7.6 | 60 | 24.0 | 39 | 15.6 | 1 | 0.4 |
| Lipa City | 5,850 | 30.7 | 1,290 | 6.8 | 97 | 16.6 | 68 | 11.6 | - | 0.0 |
| Lucena City | 4,478 | 22.5 | 1,712 | 8.6 | 205 | 45.8 | 38 | 8.5 | 2 | 0.4 |
| Puerto Princessa City | 3,064 | 20.4 | 665 | 4.4 | 60 | 19.6 | 1 | 0.3 | 1 | 0.3 |
| San Pablo City | 5,246 | 26.6 | 1,416 | 7.2 | 97 | 18.5 | 60 | 11.4 | 1 | 0.2 |
| Tagaytay City | 888 | 28.2 | 144 | 4.6 | 12 | 13.5 | 4 | 4.5 | 1 | 1.7 |
| Trece Martires City | 1,136 | 51.4 | 553 | 25.0 | 112 | 98.6 | 19 | 16.7 | - | 0.0 |

Table 5

**Livebirths, Total Deaths , Infant Deaths, Fetal Deaths & Maternal Deaths
By Region, Province & City
Number & Rate
Philippines, 1999**

| Area | Livebirths | | Total Deaths | | Infant Deaths | | Fetal Deaths | | Maternal Deaths | |
|-------------------|----------------|-------------|---------------|------------|---------------|-------------|--------------|------------|-----------------|------------|
| | Number | Rate* | Number | Rate* | Number | Rate** | Number | Rate** | Number | Rate** |
| REGION 5 | 107,698 | 23.1 | 23,336 | 5.0 | 1,494 | 13.9 | 565 | 5.2 | 135 | 1.3 |
| Albay | 24,165 | 26.0 | 4,959 | 5.3 | 290 | 12.0 | 150 | 6.2 | 36 | 1.5 |
| Camarines Norte | 10,646 | 21.9 | 2,658 | 5.5 | 276 | 25.9 | 123 | 11.6 | 13 | 1.2 |
| Camarines Sur | 31,366 | 23.4 | 5,177 | 3.9 | 294 | 9.4 | 124 | 4.0 | 33 | 1.1 |
| Catanduanes | 5,125 | 23.4 | 1,327 | 6.1 | 93 | 18.1 | 44 | 8.6 | 8 | 1.6 |
| Masbate | 10,661 | 15.6 | 2,052 | 3.0 | 130 | 12.2 | 2 | 0.2 | 13 | 1.2 |
| Sorsogon | 15,656 | 25.1 | 3,701 | 5.9 | 225 | 14.4 | 49 | 3.1 | 26 | 1.7 |
| Iriga City | 2,369 | 27.6 | 564 | 6.6 | 19 | 8.0 | 22 | 9.3 | 1 | 0.4 |
| Legaspi City | 3,734 | 23.6 | 1,139 | 7.2 | 75 | 20.1 | 34 | 9.1 | 3 | 0.8 |
| Naga City | 3,976 | 28.3 | 1,759 | 12.5 | 92 | 23.1 | 17 | 4.3 | 2 | 0.5 |
| REGION 6 | 109,434 | 17.6 | 33,510 | 5.4 | 1,681 | 15.4 | 658 | 6.0 | 96 | 0.9 |
| Aklan | 8,189 | 18.6 | 2,727 | 6.2 | 113 | 13.8 | 47 | 5.7 | 9 | 1.1 |
| Antique | 8,971 | 19.4 | 2,822 | 6.1 | 190 | 21.2 | 46 | 5.1 | 15 | 1.7 |
| Capiz | 8,537 | 15.9 | 2,447 | 4.6 | 143 | 16.8 | 44 | 5.2 | 13 | 1.5 |
| Iloilo | 26,328 | 18.1 | 7,522 | 5.2 | 369 | 14.0 | 167 | 6.3 | 18 | 0.7 |
| Negros Occidental | 20,909 | 16.1 | 4,577 | 3.5 | 218 | 10.4 | 89 | 4.3 | 20 | 1.0 |
| Guimaras | 2,268 | 16.7 | 426 | 3.1 | 10 | 4.4 | 4 | 1.8 | 1 | 0.4 |
| Bacolod City | 6,763 | 15.1 | 3,757 | 8.4 | 172 | 25.4 | 62 | 9.2 | 4 | 0.6 |
| Bago City | 1,876 | 12.9 | 583 | 4.0 | 20 | 10.7 | 13 | 6.9 | 1 | 0.5 |
| Cadiz City | 2,590 | 20.2 | 557 | 4.3 | 7 | 2.7 | 20 | 7.7 | 1 | 0.4 |
| Iloilo City | 7,969 | 21.9 | 3,744 | 10.3 | 173 | 21.7 | 40 | 5.0 | 2 | 0.3 |
| La Carlota City | 799 | 13.6 | 308 | 5.2 | 13 | 16.3 | 14 | 17.5 | - | 0.0 |
| Passi City | 1,197 | 19.0 | 298 | 4.7 | 12 | 10.0 | 3 | 2.5 | - | 0.0 |
| Roxas City | 3,002 | 22.6 | 1,055 | 7.9 | 70 | 23.3 | 35 | 11.7 | 3 | 1.0 |
| Sagay City | 2,453 | 18.0 | 503 | 3.7 | 30 | 12.2 | 12 | 4.9 | 6 | 2.4 |
| San Carlos City | 2,831 | 26.9 | 600 | 5.7 | 37 | 13.1 | 12 | 4.2 | - | 0.0 |
| Silay City | 2,109 | 15.3 | 1,001 | 7.3 | 80 | 37.9 | 16 | 7.6 | 1 | 0.5 |
| Talisay City | 1,325 | 18.0 | 274 | 3.7 | 7 | 5.3 | 15 | 11.3 | 1 | 0.8 |
| Victorias City | 1,318 | 15.3 | 309 | 3.6 | 17 | 12.9 | 19 | 14.4 | 1 | 0.8 |
| REGION 7 | 140,385 | 25.8 | 28,774 | 5.3 | 1,988 | 14.2 | 990 | 7.1 | 134 | 1.0 |
| Bohol | 23,806 | 24.0 | 4,867 | 4.9 | 335 | 14.1 | 134 | 5.6 | 15 | 0.6 |
| Cebu | 47,710 | 26.1 | 8,615 | 4.7 | 648 | 13.6 | 354 | 7.4 | 48 | 1.0 |
| Negros Oriental | 18,186 | 20.5 | 2,582 | 2.9 | 104 | 5.7 | 38 | 2.1 | 19 | 1.0 |
| Siquijor | 1,619 | 20.4 | 621 | 7.8 | 13 | 8.0 | 2 | 1.2 | 2 | 1.2 |
| Bais City | 1,244 | 18.6 | 283 | 4.2 | 13 | 10.5 | 1 | 0.8 | 2 | 1.6 |
| Canlaon City | 905 | 20.2 | 210 | 4.7 | 22 | 24.3 | 17 | 18.8 | 1 | 1.1 |
| Cebu City | 21,171 | 29.4 | 6,635 | 9.2 | 491 | 23.2 | 169 | 8.0 | 24 | 1.1 |

Table 5

Livebirths, Total Deaths , Infant Deaths, Fetal Deaths & Maternal Deaths
By Region, Province & City
Number & Rate
Philippines, 1999

| Area | Livebirths | | Total Deaths | | Infant Deaths | | Fetal Deaths | | Maternal Deaths | |
|---------------------|---------------|-------------|---------------|------------|---------------|-------------|--------------|------------|-----------------|------------|
| | Number | Rate* | Number | Rate* | Number | Rate** | Number | Rate** | Number | Rate** |
| Danao City | 2,827 | 32.4 | 439 | 5.0 | 43 | 15.2 | 55 | 19.5 | 4 | 1.4 |
| Dumaguete City | 2,226 | 21.7 | 1,388 | 13.5 | 84 | 37.7 | 21 | 9.4 | 4 | 1.8 |
| Lapu-Lapu City | 7,796 | 38.8 | 920 | 4.6 | 108 | 13.9 | 114 | 14.6 | 5 | 0.6 |
| Mandawe City | 7,475 | 35.6 | 792 | 3.8 | 57 | 7.6 | 72 | 9.6 | 5 | 0.7 |
| Tagbilaran City | 1,867 | 23.9 | 895 | 11.5 | 41 | 22.0 | 6 | 3.2 | 2 | 1.1 |
| Toledo City | 3,553 | 26.2 | 527 | 3.9 | 29 | 8.2 | 7 | 2.0 | 3 | 0.8 |
| REGION 8 | 55,862 | 15.2 | 15,291 | 4.2 | 798 | 14.3 | 234 | 4.2 | 78 | 1.4 |
| Leyte del Norte | 23,414 | 18.0 | 5,374 | 4.1 | 277 | 11.8 | 83 | 3.5 | 20 | 0.9 |
| Leyte del Sur | 7,620 | 22.0 | 2,271 | 6.6 | 135 | 17.7 | 78 | 10.2 | 7 | 0.9 |
| Eastern Samar | 3,989 | 10.2 | 951 | 2.4 | 18 | 4.5 | - | 0.0 | 6 | 1.5 |
| Northern Samar | 5,513 | 11.2 | 1,831 | 3.7 | 87 | 15.8 | 8 | 1.5 | 13 | 2.4 |
| Western Samar | 3,565 | 7.2 | 1,040 | 2.1 | 33 | 9.3 | 4 | 1.1 | 10 | 2.8 |
| Biliran | 2,531 | 17.5 | 607 | 4.2 | 55 | 21.7 | 12 | 4.7 | 7 | 2.8 |
| Calbayog City | 2,027 | 14.4 | 551 | 3.9 | 23 | 11.3 | 11 | 5.4 | 10 | 4.9 |
| Ormoc City | 3,437 | 21.4 | 933 | 5.8 | 54 | 15.7 | 8 | 2.3 | 3 | 0.9 |
| Tacloban City | 3,766 | 19.3 | 1,733 | 8.9 | 116 | 30.8 | 30 | 8.0 | 2 | 0.5 |
| REGION 9 | 50,908 | 16.5 | 9,287 | 3.0 | 580 | 11.4 | 191 | 3.8 | 71 | 1.4 |
| Basilan | 1,398 | 4.4 | 515 | 1.6 | 17 | 12.2 | 4 | 2.9 | 1 | 0.7 |
| Zamboanga del Norte | 10,322 | 15.2 | 1,598 | 2.4 | 84 | 8.1 | 20 | 1.9 | 22 | 2.1 |
| Zamboanga del Sur | 19,064 | 16.1 | 2,663 | 2.2 | 145 | 7.6 | 48 | 2.5 | 24 | 1.3 |
| Dapitan City | 1,529 | 22.5 | 388 | 5.7 | 35 | 22.9 | 10 | 6.5 | - | 0.0 |
| Dipolog City | 2,220 | 21.9 | 687 | 6.8 | 67 | 30.2 | 15 | 6.8 | 3 | 1.4 |
| Pagadian City | 3,403 | 23.8 | 573 | 4.0 | 19 | 5.6 | 10 | 2.9 | 5 | 1.5 |
| Zamboanga City | 12,972 | 22.2 | 2,863 | 4.9 | 213 | 16.4 | 84 | 6.5 | 16 | 1.2 |
| REGION 10 | 53,056 | 19.5 | 10,156 | 3.7 | 599 | 11.3 | 300 | 5.7 | 53 | 1.0 |
| Bukidnon | 14,708 | 16.0 | 1,635 | 1.8 | 88 | 6.0 | 55 | 3.7 | 17 | 1.2 |
| Camiguin | 1,789 | 24.9 | 378 | 5.3 | 22 | 12.3 | 5 | 2.8 | 2 | 1.1 |
| Misamis Occidental | 4,960 | 18.6 | 1,172 | 4.4 | 50 | 10.1 | 6 | 1.2 | 4 | 0.6 |
| Misamis Oriental | 10,635 | 20.1 | 1,865 | 3.5 | 99 | 9.3 | 73 | 6.9 | 8 | 0.8 |
| Cagayan de Oro City | 11,823 | 24.3 | 2,490 | 5.1 | 169 | 14.3 | 90 | 7.6 | 7 | 0.6 |
| Gingoog City | 2,313 | 25.8 | 484 | 5.4 | 49 | 21.2 | 24 | 10.4 | 5 | 2.2 |
| Malaybalay City | 2,640 | 20.0 | 370 | 2.8 | 14 | 5.3 | 11 | 4.2 | 3 | 1.1 |
| Oroquieta City | 1,238 | 20.9 | 566 | 9.5 | 28 | 22.6 | 5 | 4.0 | 3 | 2.4 |
| Ozamis City | 1,902 | 17.3 | 953 | 8.7 | 66 | 34.7 | 31 | 16.3 | 2 | 1.1 |
| Tangub City | 1,048 | 21.8 | 243 | 5.1 | 14 | 13.4 | - | 0.0 | 2 | 1.0 |
| REGION 11 | 92,448 | 18.1 | 18,727 | 3.7 | 856 | 9.3 | 406 | 4.4 | 90 | 1.0 |

Table 5

Livebirths, Total Deaths , Infant Deaths, Fetal Deaths & Maternal Deaths
By Region, Province & City
Number & Rate
Philippines, 1999

| Area | Livebirths | | Total Deaths | | Infant Deaths | | Fetal Deaths | | Maternal Deaths | |
|-----------------------------|---------------|-------------|--------------|------------|---------------|-------------|--------------|------------|-----------------|------------|
| | Number | Rate* | Number | Rate* | Number | Rate** | Number | Rate** | Number | Rate** |
| Campostella Valley | 10,295 | 163.0 | 1,492 | 23.6 | 61 | 5.9 | 29 | 2.8 | 9 | 0.9 |
| Cotabato South | 9,772 | 14.2 | 2,461 | 3.6 | 98 | 10.0 | 46 | 4.7 | 8 | 0.8 |
| Davao Oriental | 7,186 | 16.2 | 1,183 | 2.7 | 45 | 6.3 | 17 | 2.4 | 13 | 1.8 |
| Davao del Norte | 9,430 | 8.9 | 1,351 | 1.3 | 67 | 7.1 | 49 | 5.2 | 12 | 1.3 |
| Davao del Sur | 11,123 | 15.6 | 2,586 | 3.6 | 112 | 10.1 | 43 | 3.9 | 16 | 1.4 |
| Sarangani | 5,499 | 13.2 | 686 | 1.7 | 17 | 3.1 | 7 | 1.3 | 5 | 0.9 |
| Davao City | 25,668 | 22.9 | 5,689 | 5.1 | 239 | 9.3 | 113 | 4.4 | 17 | 0.7 |
| Gen. Santos City | 8,373 | 21.2 | 1,667 | 4.2 | 125 | 14.9 | 76 | 9.1 | 2 | 0.2 |
| Island Garden City of Samal | 1,446 | 60.3 | 307 | 12.8 | 18 | 12.4 | - | 0.0 | 3 | 2.1 |
| Tagum City | 3,656 | 20.4 | 1,305 | 7.3 | 74 | 20.2 | 26 | 7.1 | 5 | 1.4 |
| REGION 12 | 40,863 | 15.7 | 7,123 | 2.7 | 327 | 8.0 | 164 | 4.0 | 40 | 1.0 |
| Lanao del Norte | 7,200 | 15.0 | 1,024 | 2.1 | 48 | 6.7 | 20 | 2.8 | 8 | 1.1 |
| North Cotabato | 13,292 | 15.6 | 1,857 | 2.2 | 50 | 3.8 | 15 | 1.1 | 14 | 1.1 |
| Sultan Kudarat | 7,621 | 13.2 | 1,472 | 2.5 | 58 | 7.6 | 27 | 3.5 | 11 | 1.4 |
| Cotabato City | 2,940 | 18.3 | 780 | 4.9 | 33 | 11.2 | 13 | 4.4 | 4 | 1.4 |
| Iligan City | 6,420 | 20.8 | 1,456 | 4.7 | 116 | 18.1 | 85 | 13.2 | 3 | 0.5 |
| Kidapawan City | 2,207 | 22.6 | 448 | 4.6 | 20 | 9.1 | 3 | 1.4 | - | 0.0 |
| Marawi City | 1,183 | 9.6 | 86 | 0.7 | 2 | 1.7 | 1 | 0.8 | - | 0.0 |
| CARAGA REGION | 34,985 | 16.4 | 7,187 | 3.4 | 390 | 11.1 | 132 | 3.8 | 54 | 1.5 |
| Agusan del Norte | 5,293 | 18.4 | 874 | 3.0 | 49 | 9.3 | 21 | 4.0 | 9 | 1.7 |
| Agusan del Sur | 8,379 | 14.0 | 1,003 | 1.7 | 32 | 3.8 | 11 | 1.3 | 6 | 0.7 |
| Surigao del Norte | 5,643 | 15.7 | 1,239 | 3.5 | 72 | 12.8 | 11 | 1.9 | 11 | 1.9 |
| Surigao del Sur | 7,678 | 15.1 | 1,741 | 3.4 | 99 | 12.9 | 32 | 4.2 | 13 | 1.7 |
| Butuan City | 5,724 | 21.3 | 1,528 | 5.7 | 103 | 18.0 | 39 | 6.8 | 12 | 2.1 |
| Surigao City | 2,268 | 19.6 | 802 | 6.9 | 35 | 15.4 | 18 | 7.9 | 3 | 1.3 |
| A.R.M.M. | 7,287 | 3 | 1,059 | 0.5 | 14 | 1.9 | 3 | 0.4 | 7 | 1.0 |
| Lanao del Sur | 1,377 | 2.2 | 216 | 0.3 | 3 | 2.2 | - | 0.0 | 2 | 1.5 |
| Maguindanao | 3,876 | 5.4 | 436 | 0.6 | 7 | 1.8 | - | 0.0 | 2 | 0.5 |
| Sulu | 1,360 | 2.5 | 296 | 0.5 | 3 | 2.2 | 3 | 2.2 | 2 | 1.5 |
| Tawi-Tawi | 674 | 2.6 | 111 | 0.4 | 1 | 1.5 | - | 0.0 | 1 | 1.5 |
| FOREIGN COUNTRIES | 122 | | - | | 1 | | - | | - | |

Table 6

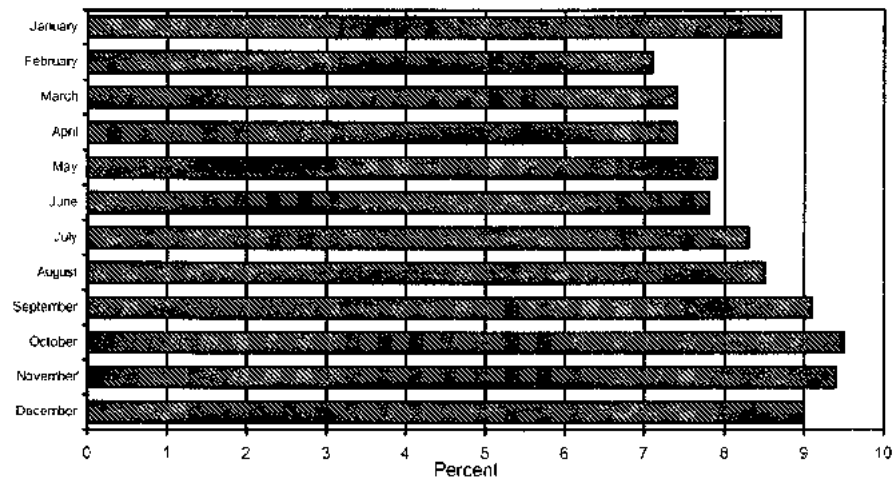
Livebirths, Total Deaths, Infant Deaths & Fetal Deaths
By Month of Occurrence
Number & Percent Distribution
Philippines, 1999

| Month | Livebirths | | Total Deaths | | Infant Deaths | | Fetal Deaths | |
|--------------|------------------|--------------|----------------|--------------|---------------|--------------|--------------|--------------|
| | Number | % | Number | % | Number | % | Number | % |
| January | 140,742 | 8.7 | 30,960 | 8.9 | 2,343 | 9.3 | 768 | 7.8 |
| February | 114,217 | 7.1 | 27,135 | 7.8 | 1,939 | 7.7 | 659 | 6.7 |
| March | 118,755 | 7.4 | 27,542 | 7.9 | 1,971 | 7.8 | 744 | 7.6 |
| April | 118,840 | 7.4 | 26,518 | 7.6 | 1,834 | 7.3 | 740 | 7.5 |
| May | 127,542 | 7.9 | 29,538 | 8.5 | 1,898 | 7.5 | 744 | 7.6 |
| June | 126,434 | 7.8 | 29,639 | 8.5 | 1,846 | 7.3 | 769 | 7.8 |
| July | 133,158 | 8.3 | 29,811 | 8.6 | 2,011 | 8.0 | 910 | 9.2 |
| August | 136,491 | 8.5 | 29,216 | 8.4 | 2,128 | 8.5 | 907 | 9.2 |
| September | 147,500 | 9.1 | 28,513 | 8.2 | 2,342 | 9.3 | 914 | 9.3 |
| October | 152,540 | 9.5 | 29,169 | 8.4 | 2,376 | 9.4 | 960 | 9.8 |
| November | 151,513 | 9.4 | 29,249 | 8.4 | 2,312 | 9.2 | 936 | 9.5 |
| December | 145,603 | 9.0 | 30,699 | 8.8 | 2,168 | 8.6 | 790 | 8.0 |
| Total | 1,613,335 | 100.0 | 347,989 | 100.0 | 25,168 | 100.0 | 9,841 | 100.0 |

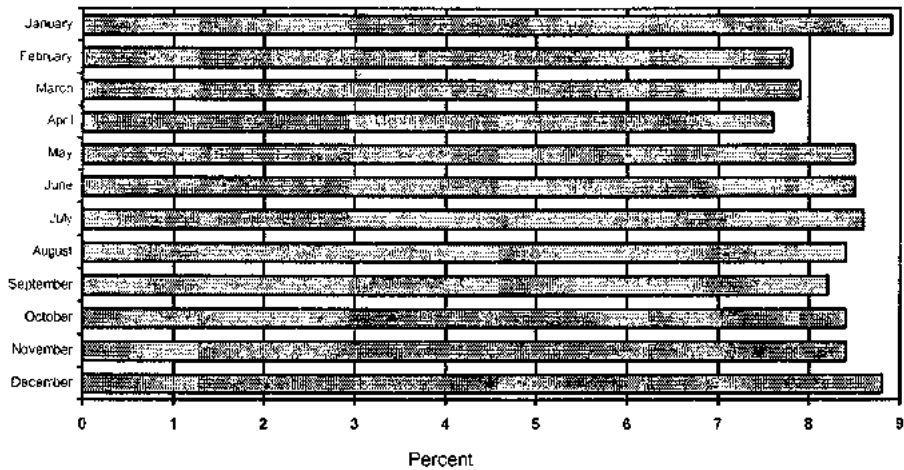
Health Indices by Month of Occurrence

Percent Distribution, Philippines, 1999

LIVEBIRTHS



DEATHS



INFANT DEATHS

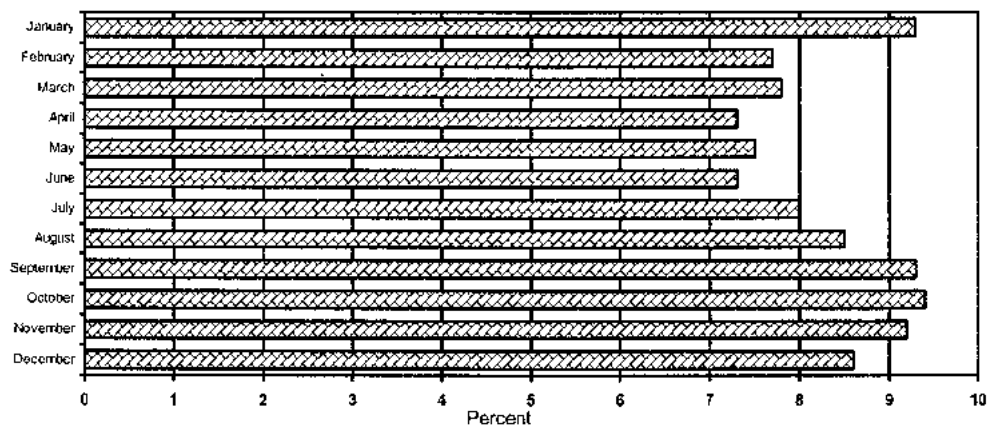


Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|-----------------------|---------------------|---------------------|--------------|---------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Cagayan | 20,482 | 3,886 | 210 | 4,258 | 12,061 | 54 | 13 |
| Isabela | 22,532 | 3,898 | 151 | 8,579 | 9,698 | 178 | 28 |
| Nueva Vizcaya | 7,511 | 2,291 | 65 | 1,797 | 2,297 | 1,038 | 23 |
| Quirino | 2,874 | 375 | 12 | 741 | 1,485 | 259 | 2 |
| Santiago City | 2,161 | 540 | 15 | 980 | 621 | 2 | 3 |
| REGION 3 | 183,681 | 89,215 | 1,916 | 65,528 | 26,774 | 173 | 75 |
| Bataan | 13,285 | 6,502 | 64 | 5,778 | 932 | 8 | 1 |
| Bulacan | 49,609 | 23,106 | 279 | 19,916 | 6,275 | 29 | 4 |
| Nueva Ecija | 25,561 | 7,976 | 361 | 10,885 | 6,309 | 24 | 6 |
| Pampanga | 38,961 | 26,500 | 210 | 9,209 | 2,979 | 5 | 58 |
| Tarlac | 17,692 | 6,908 | 268 | 7,267 | 3,172 | 72 | 5 |
| Zambales | 10,105 | 3,724 | 128 | 3,555 | 2,677 | 20 | 1 |
| Angeles City | 8,242 | 3,350 | 136 | 4,126 | 628 | 2 | - |
| Cabanatuan City | 5,092 | 3,918 | 19 | 432 | 718 | 5 | - |
| Olongapo City | 4,985 | 2,307 | 35 | 1,771 | 871 | 1 | - |
| Palayan City | 603 | 222 | 4 | 112 | 265 | - | - |
| San Jose City | 2,303 | 667 | 227 | 904 | 501 | 4 | - |
| Tarlac City | 7,243 | 4,035 | 185 | 1,573 | 1,447 | 3 | - |
| REGION 4 | 269,583 | 99,678 | 2,531 | 74,378 | 92,027 | 878 | 91 |
| Aurora | 3,997 | 759 | 40 | 454 | 2,724 | 20 | - |
| Batangas | 33,636 | 10,248 | 284 | 10,995 | 12,071 | 11 | 27 |
| Cavite | 44,493 | 21,052 | 423 | 15,762 | 7,195 | 60 | 1 |
| Laguna | 43,831 | 18,693 | 298 | 16,203 | 8,433 | 194 | 10 |
| Marinduque | 5,450 | 690 | 47 | 1,120 | 3,539 | 53 | 1 |
| Mindoro Occidental | 6,744 | 849 | 113 | 1,090 | 4,622 | 69 | 1 |
| Mindoro Oriental | 10,792 | 1,016 | 116 | 996 | 8,637 | 25 | 2 |
| Palawan | 9,231 | 712 | 221 | 1,499 | 6,723 | 75 | 1 |
| Quezon | 31,757 | 7,618 | 335 | 6,380 | 17,308 | 89 | 27 |
| Rizal | 29,191 | 14,666 | 154 | 10,346 | 3,904 | 121 | - |
| Romblon | 5,942 | 1,549 | 72 | 1,238 | 3,083 | - | - |
| Antipolo City | 12,647 | 6,073 | 35 | 3,079 | 3,323 | 137 | - |
| Batangas City | 6,292 | 3,106 | 36 | 1,144 | 1,999 | 5 | 2 |
| Calapan City | 2,419 | 979 | 1 | 88 | 1,351 | - | - |
| Cavite City | 2,499 | 1,968 | - | 204 | 324 | - | 3 |
| Lipa City | 5,850 | 2,471 | 21 | 1,139 | 2,208 | - | 11 |
| Lucena City | 4,478 | 2,663 | 23 | 227 | 1,559 | 2 | 4 |
| Puerto Princessa City | 3,064 | 1,342 | 84 | 447 | 1,180 | 11 | - |
| San Pablo City | 5,246 | 2,253 | 209 | 1,515 | 1,267 | 1 | 1 |

Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|---------------------|---------------------|---------------------|--------------|---------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Tagaytay City | 888 | 305 | 8 | 224 | 351 | - | - |
| Trece Martires City | 1,136 | 666 | 11 | 228 | 226 | 5 | - |
| REGION 5 | 107,698 | 19,127 | 1,574 | 21,690 | 65,038 | 247 | 22 |
| Albay | 24,165 | 3,035 | 197 | 5,005 | 15,784 | 141 | 3 |
| Camarines Norte | 10,646 | 1,097 | 788 | 2,758 | 5,971 | 28 | 4 |
| Camarines Sur | 31,366 | 4,736 | 289 | 6,341 | 19,966 | 28 | 6 |
| Catanduanes | 5,125 | 1,664 | 43 | 745 | 2,661 | 11 | 1 |
| Masbate | 10,661 | 1,060 | 22 | 1,529 | 8,029 | 19 | 2 |
| Sorsogon | 15,656 | 3,768 | 88 | 2,754 | 9,032 | 11 | 3 |
| Iriga City | 2,369 | 366 | 22 | 1,055 | 923 | 2 | 1 |
| Legaspi City | 3,734 | 1,293 | 66 | 896 | 1,470 | 7 | 2 |
| Naga City | 3,976 | 2,108 | 59 | 607 | 1,202 | - | - |
| REGION 6 | 109,434 | 38,735 | 765 | 19,602 | 49,937 | 354 | 41 |
| Aklan | 8,189 | 2,326 | 47 | 1,982 | 3,819 | 15 | - |
| Antique | 8,971 | 1,906 | 38 | 1,902 | 5,084 | 40 | 1 |
| Capiz | 8,537 | 1,705 | 23 | 1,374 | 5,429 | 6 | - |
| Iloilo | 26,328 | 9,258 | 195 | 4,931 | 11,864 | 63 | 17 |
| Negros Occidental | 20,909 | 4,321 | 126 | 5,235 | 11,029 | 192 | 6 |
| Guimaras | 2,268 | 693 | 3 | 212 | 1,353 | 6 | 1 |
| Bacolod City | 6,763 | 5,652 | 8 | 283 | 818 | 2 | - |
| Bago City | 1,876 | 663 | 9 | 733 | 469 | 2 | - |
| Cadiz City | 2,590 | 831 | - | 70 | 1,688 | 1 | - |
| Iloilo City | 7,969 | 5,826 | 104 | 747 | 1,276 | - | 16 |
| La Carlota City | 799 | 343 | 1 | 121 | 332 | 2 | - |
| Passi City | 1,197 | 410 | - | 224 | 563 | - | - |
| Roxas City | 3,002 | 902 | 42 | 607 | 1,448 | 3 | - |
| Sagay City | 2,453 | 528 | 4 | 308 | 1,611 | 2 | - |
| San Carlos City | 2,831 | 313 | 153 | 385 | 1,966 | 14 | - |
| Silay City | 2,109 | 1,556 | 2 | 112 | 435 | 4 | - |
| Talisay City | 1,325 | 890 | 4 | 66 | 364 | 1 | - |
| Victorias City | 1,318 | 612 | 6 | 310 | 389 | 1 | - |
| REGION 7 | 140,385 | 46,428 | 1,468 | 44,845 | 46,807 | 757 | 80 |
| Bohol | 23,806 | 4,375 | 158 | 11,026 | 8,215 | 28 | 4 |
| Cebu | 47,710 | 11,063 | 765 | 17,620 | 18,076 | 122 | 64 |
| Negros Oriental | 18,186 | 3,507 | 58 | 4,023 | 10,376 | 215 | 7 |
| Siquijor | 1,619 | 450 | 2 | 1,096 | 71 | - | - |
| Bais City | 1,244 | 314 | 6 | 117 | 805 | 2 | - |

Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|---------------------|---------------------|---------------------|------------|---------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Canlaon City | 905 | 137 | 1 | 124 | 641 | 2 | - |
| Cebu City | 21,171 | 13,909 | 153 | 3,965 | 2,826 | 316 | 2 |
| Danao City | 2,827 | 1,194 | 9 | 811 | 799 | 13 | 1 |
| Dumaguete City | 2,226 | 1,885 | 5 | 73 | 254 | 9 | - |
| Lapu-Lapu City | 7,796 | 3,050 | 224 | 2,588 | 1,921 | 11 | 2 |
| Mandawe City | 7,475 | 3,391 | 29 | 2,734 | 1,283 | 38 | - |
| Tagbilaran City | 1,867 | 1,460 | 7 | 392 | 7 | 1 | - |
| Toledo City | 3,553 | 1,693 | 51 | 276 | 1,533 | - | - |
| REGION 8 | 55,862 | 15,976 | 459 | 10,358 | 28,814 | 220 | 35 |
| Leyte del Norte | 23,414 | 5,743 | 195 | 5,677 | 11,593 | 204 | 2 |
| Leyte del Sur | 7,620 | 2,539 | 94 | 1,604 | 3,377 | 3 | 3 |
| Eastern Samar | 3,989 | 849 | 37 | 766 | 2,332 | 5 | - |
| Northern Samar | 5,513 | 1,051 | 11 | 805 | 3,632 | 4 | 10 |
| Western Samar | 3,565 | 806 | 31 | 659 | 2,067 | 1 | 1 |
| Biliran | 2,531 | 426 | 7 | 215 | 1,883 | - | - |
| Calbayog City | 2,027 | 712 | 4 | 103 | 1,207 | - | 1 |
| Ormoc City | 3,437 | 1,351 | 71 | 305 | 1,709 | 1 | - |
| Tacloban City | 3,766 | 2,499 | 9 | 224 | 1,014 | 2 | 18 |
| REGION 9 | 50,908 | 11,250 | 827 | 12,827 | 25,623 | 362 | 19 |
| Basilan | 1,398 | 236 | 7 | 143 | 1,012 | - | - |
| Zamboanga del Norte | 10,322 | 1,420 | 89 | 2,911 | 5,829 | 68 | 5 |
| Zamboanga del Sur | 19,064 | 1,444 | 358 | 4,607 | 12,384 | 266 | 5 |
| Dapitan City | 1,529 | 635 | 3 | 392 | 497 | 2 | - |
| Dipolog City | 2,220 | 1,111 | 7 | 481 | 621 | - | - |
| Pagadian City | 3,403 | 847 | 7 | 558 | 1,990 | 1 | - |
| Zamboanga City | 12,972 | 5,557 | 356 | 3,735 | 3,290 | 25 | 9 |
| REGION 10 | 53,056 | 14,321 | 306 | 9,524 | 28,769 | 118 | 18 |
| Bukidnon | 14,708 | 2,259 | 96 | 2,355 | 9,964 | 30 | 4 |
| Camiguin | 1,789 | 500 | 26 | 917 | 345 | 1 | - |
| Misamis Occidental | 4,960 | 990 | 11 | 1,062 | 2,893 | 2 | 2 |
| Misamis Oriental | 10,635 | 1,502 | 55 | 2,839 | 6,177 | 60 | 2 |
| Cagayan de Oro | 11,823 | 6,090 | 85 | 1,432 | 4,183 | 24 | 9 |
| Gingoog City | 2,313 | 551 | 22 | 314 | 1,426 | - | - |
| Malaybalay City | 2,640 | 736 | 3 | 190 | 1,710 | - | 1 |
| Oroquieta City | 1,238 | 504 | 2 | 209 | 522 | 1 | - |
| Ozamis City | 1,902 | 975 | 4 | 56 | 867 | - | - |
| Tangub City | 1,048 | 214 | 2 | 150 | 682 | - | - |

Table 9

Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999

| AREA | Total Livebirths | Births Attended by: | | | | | |
|-----------------------------|------------------|---------------------|------------|---------------|--------------------|------------|------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| REGION 11 | 92,448 | 28,481 | 662 | 16,145 | 46,504 | 627 | 29 |
| Campostella Valley | 10,295 | 1,602 | 48 | 1,725 | 6,897 | 21 | 2 |
| Cotabato South | 9,772 | 2,121 | 44 | 2,720 | 4,809 | 71 | 7 |
| Davao Oriental | 7,186 | 1,366 | 9 | 1,010 | 4,791 | 9 | 1 |
| Davao del Norte | 9,430 | 2,436 | 12 | 1,379 | 5,578 | 17 | 8 |
| Davao del Sur | 11,123 | 2,359 | 65 | 1,395 | 7,271 | 33 | - |
| Sarangani | 5,499 | 361 | 35 | 768 | 4,294 | 36 | 5 |
| Davao City | 25,668 | 13,845 | 247 | 4,585 | 6,612 | 377 | 2 |
| Gen. Santos City | 8,373 | 2,331 | 179 | 1,794 | 4,011 | 54 | 4 |
| Island Garden City of Samal | 1,446 | 311 | 3 | 241 | 886 | 5 | - |
| Tagum City | 3,656 | 1,749 | 20 | 528 | 1,355 | 4 | - |
| REGION 12 | 40,863 | 9,169 | 166 | 12,052 | 19,308 | 158 | 10 |
| Lanao del Norte | 7,200 | 1,126 | 31 | 3,574 | 2,441 | 28 | - |
| North Cotabato | 13,292 | 1,430 | 41 | 2,865 | 8,881 | 71 | 4 |
| Sultan Kudarat | 7,621 | 979 | 33 | 2,661 | 3,891 | 57 | - |
| Cotabato City | 2,940 | 1,468 | 8 | 668 | 796 | - | - |
| Iligan City | 6,420 | 2,875 | 39 | 1,453 | 2,050 | 1 | 2 |
| Kidapawan City | 2,207 | 548 | 4 | 695 | 960 | - | - |
| Marawi City | 1,183 | 743 | 10 | 136 | 289 | 1 | 4 |
| CARAGA REGION | 34,985 | 7,331 | 271 | 5,135 | 22,209 | 36 | 3 |
| Agusan del Norte | 5,293 | 1,065 | 23 | 1,566 | 2,630 | 9 | - |
| Agusan del Sur | 8,379 | 909 | 18 | 1,145 | 6,295 | 12 | - |
| Surigao del Norte | 5,643 | 752 | 166 | 693 | 4,018 | 13 | 1 |
| Surigao del Sur | 7,678 | 1,341 | 30 | 1,326 | 4,979 | 1 | 1 |
| Butuan City | 5,724 | 2,283 | 29 | 332 | 3,079 | 1 | - |
| Surigao City | 2,268 | 981 | 5 | 73 | 1,208 | - | 1 |
| A.R.M.M. | 7,287 | 1,720 | 61 | 1,235 | 4,260 | 10 | 1 |
| Lanao del Sur | 1,377 | 541 | 16 | 72 | 748 | - | - |
| Maguindanao | 3,876 | 900 | 23 | 895 | 2,048 | 9 | 1 |
| Sulu | 1,360 | 179 | 13 | 92 | 1,075 | 1 | - |
| Tawi-Tawi | 674 | 100 | 9 | 176 | 389 | - | - |
| FOREIGN COUNTRIES | 122 | 100 | 2 | 11 | 9 | - | - |

MORBIDITY AND NOTIFIABLE DISEASES STATISTICS

Morbidity Statistics is fundamental to obtain information on various aspects of illness in the population. It is essential to health agencies attempting to control disease, especially communicable diseases. The planning and evaluation of public health activities and facilities require knowledge of the extent of morbidity in the population.

The source of the Morbidity data presented in this report is the annual consolidation of weekly notifiable diseases reports received from all provincial and city health offices throughout the country. Notifiable diseases are diseases which by law demand compulsory notification. In this case, the Department of Health (DOH) mandates the reporting of these notifiable diseases by virtue of Republic Act 3573 or otherwise known as the Law on Reporting of Communicable Diseases. The DOH mandates the reporting of the following diseases preferably within 72 hours of occurrence of the case: AIDS/HIV Infection, Bronchitis, Cholera, Chickenpox, Dengue H-Fever, Diarrheas, Diphtheria, Diseases of the Heart, Filariasis, Viral Hepatitis, Influenza, Leprosy, Malaria, Malignant Neoplasms, Measles, Pneumonias, Poliomyelitis, Schistosomiasis, Syphilis, Gonorrhea, Tetanus Neonatorum, Non-Neonatal Tetanus, Typhoid and Paratyphoid, TB Respiratory, TB Meningitis, TB other forms, Whooping Cough, Hypertension, Rabies, Meningitis, Leptospirosis, Poisoning, Meningococcemia, and other diseases with unusual occurrence.

The Notifiable Disease Report is a tool to determine the occurrence of a disease in the locality. It serves as an alarming device for local health officials when to conduct epidemiological investigation because getting the trend of these diseases would indicate whether an outbreak is present in a certain area in the municipality. Thus, it identifies the vulnerable population and detect the real etiology of the outbreak, the sources and the mode of spread of the disease. Consequently, prevention and control measures can be instituted at an early stage.

Table 14 presents the 1999 ten (10) leading causes of morbidity. Diarrhea still tops the list with a total of 908,454 cases or a rate of 1215 per 100,000 population. Bronchitis (707,214; 959) and Pneumonia (693,334; 928) exchange ranks, from third and second, now second and third respectively. Influenza (514,198; 688), Hypertension (208,248; 279) and TB Respiratory (144,932; 194) remain the 4th, 5th and 6th most common illness. Followed by Malaria (68,155; 91); Diseases of the Heart (63,167; 84); Chickenpox (35,699; 48) and Typhoid and Paratyphoid Fever (17,675; 24).

The 1999 report of notifiable diseases (Tables 15 and 16) shows a large variations in morbidity rates by type of morbid conditions among regions. Pneumonia, Diarrhea, Bronchitis and Influenza are the leading morbidity diseases common to all regions. Pneumonia is the top cause of morbidity in regions NCR, 8, 10, and Caraga. Diarrhea is first in rank in regions CAR, 1,3,4,5,6,7 and 12. Influenza is highest in regions 9 and ARMM while Bronchitis is number one in region 2. These diseases usually occur in the

Table 14

MORBIDITY: Ten (10) Leading Causes
Number & Rate /100,000 Population
Philippines
5-Year Average (1994-1998) & 1999

| Cause | 5 Year Average (1994-1998) | | 1999* | |
|---|-------------------------------|--------|---------|--------|
| | Number | Rate | Number | Rate |
| 1. Diarrheas (A09) | 1,011,522 | 1481.4 | 908,454 | 1215.4 |
| 2. Bronchitis/Bronchiolitis (J40) | 809,348 | 1189.7 | 717,214 | 959.5 |
| 3. Pneumonia (J12-J18) | 651,306 | 950.9 | 693,334 | 927.6 |
| 4. Influenza (J10-J11) | 657,769 | 964.0 | 514,198 | 687.9 |
| 5. Hypertension (I10-I13) ** | 158,992 | 217.2 | 208,248 | 278.6 |
| 6. TB Respiratory (A15-A16) *** | 145,389 | 207.2 | 144,932 | 193.9 |
| 7. Malaria (B50-B54) | 64,612 | 93.6 | 68,155 | 91.2 |
| 8. Diseases of the Heart (I00-I99) | 94,241 | 138.5 | 63,167 | 84.5 |
| 9. Chickenpox (B01) | 51,744 | 75.3 | 35,699 | 47.8 |
| 10. Typhoid and Paratyphoid Fever (A01) | 16,543 | 24.1 | 17,675 | 23.6 |

* reference year

** included in the list of notifiable diseases since 1998 only

*** included in the list of notifiable diseases since 1996 only

MORBIDITY : TEN (10) LEADING CAUSES

5-Year Average
Rate / 100,000 Population
Philippines, 1999

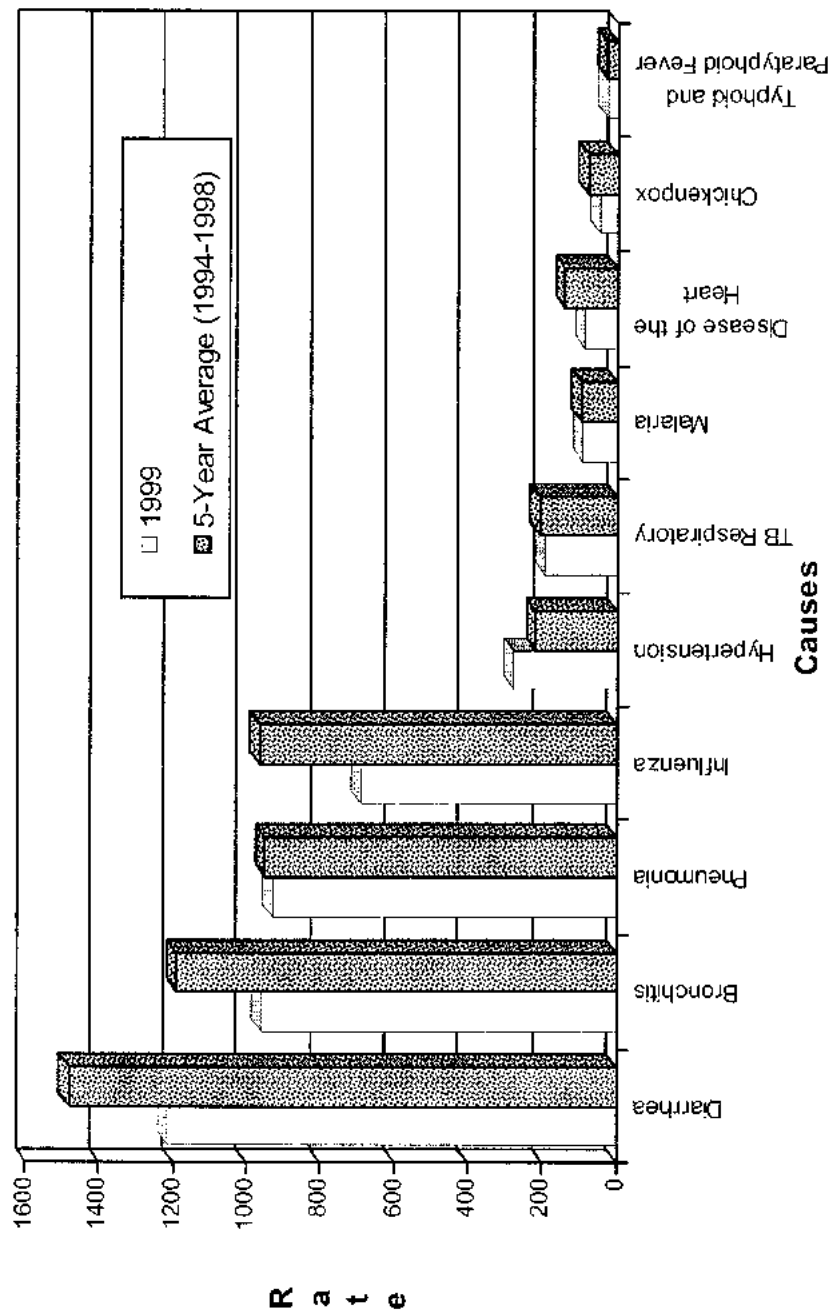


Figure 10

Table 15

Morbidity: Ten (10) Leading Causes By Region
Number & Rate/100,000 Population*
Philippines, 1999

| Causes | National Capital Region | |
|-----------------------------|-------------------------|--------|
| | Number | Rate |
| 1. Pneumonia | 102,579 | 1004.8 |
| 2. Diarrhea | 95,486 | 935.3 |
| 3. Bronchitis/Bronchiolitis | 92,457 | 905.6 |
| 4. TB Respiratory | 25,125 | 246.1 |
| 5. Influenza | 19,649 | 192.5 |
| 6. Hypertension | 13,830 | 135.5 |
| 7. Diseases of the Heart | 5,955 | 58.3 |
| 8. Chickenpox | 2,904 | 28.4 |
| 9. Measles | 2,570 | 25.2 |
| 10. Dengue Fever | 1,278 | 12.5 |

| Causes | Cordillera Autonomous Region | |
|-----------------------------------|------------------------------|--------|
| | Number | Rate |
| 1. Diarrhea | 31,446 | 2290.9 |
| 2. Bronchitis/Bronchiolitis | 30,132 | 2195.1 |
| 3. Pneumonia | 23,888 | 1740.3 |
| 4. Influenza | 17,668 | 1287.1 |
| 5. Hypertension | 13,594 | 990.3 |
| 6. Malaria | 7,924 | 577.3 |
| 7. TB Respiratory | 1,729 | 126.0 |
| 8. Diseases of the Heart | 1,471 | 107.2 |
| 9. Chickenpox | 1,204 | 87.7 |
| 10. Typhoid and Paratyphoid Fever | 1,197 | 87.2 |

| Causes | Region 1 | |
|-----------------------------|----------|--------|
| | Number | Rate |
| 1. Diarrhea | 40,811 | 1001.4 |
| 2. Bronchitis/Bronchiolitis | 38,118 | 935.3 |
| 3. Influenza | 35,479 | 870.5 |
| 4. Pneumonia | 21,950 | 538.6 |
| 5. Hypertension | 18,270 | 448.3 |
| 6. TB Respiratory | 6,146 | 150.9 |
| 7. Diseases of the Heart | 2,282 | 56.0 |
| 8. Chickenpox | 825 | 20.2 |
| 9. Measles | 530 | 13.0 |
| 10. Dengue Fever | 504 | 12.4 |

| Causes | Region 2 | |
|----------------------------------|----------|--------|
| | Number | Rate |
| 1. Bronchitis/Bronchiolitis | 50,984 | 1859.6 |
| 2. Influenza | 44,660 | 1629.0 |
| 3. Diarrhea | 38,246 | 1395.0 |
| 4. Pneumonia | 13,973 | 509.7 |
| 5. TB Respiratory | 4,243 | 154.8 |
| 6. Malaria | 2,023 | 73.8 |
| 7. Diseases of the Heart | 1,746 | 63.7 |
| 8. Chickenpox | 1,380 | 50.3 |
| 9. Typhoid and Paratyphoid Fever | 1,047 | 38.2 |
| 10. TB Other Forms | 279 | 10.2 |

* population of respective region

Table 15

Morbidity: Ten (10) Leading Causes By Region
Number & Rate/100,000 Population*
Philippines, 1999

| Causes | Region 3 | |
|-----------------------------|----------|--------|
| | Number | Rate |
| 1. Diarrhea | 108,092 | 1433.8 |
| 2. Bronchitis/Bronchiolitis | 65,194 | 864.8 |
| 3. Pneumonia | 36,558 | 484.9 |
| 4. Influenza | 26,839 | 356.0 |
| 5. TB Respiratory | 12,082 | 160.3 |
| 6. Diseases of the Heart | 9,557 | 126.8 |
| 7. Hypertension | 7,820 | 103.7 |
| 8. Chickenpox | 2,212 | 29.3 |
| 9. Measles | 1,053 | 14.0 |
| 10. Dengue Fever | 880 | 11.7 |

| Causes | Region 4 | |
|-----------------------------|----------|-------|
| | Number | Rate |
| 1. Diarrhea | 98,600 | 893.1 |
| 2. Bronchitis/Bronchiolitis | 71,030 | 643.4 |
| 3. Pneumonia | 59,978 | 543.3 |
| 4. Influenza | 52,124 | 472.1 |
| 5. Hypertension | 36,658 | 332.0 |
| 6. Malaria | 31,493 | 285.3 |
| 7. TB Respiratory | 15,482 | 140.2 |
| 8. Diseases of the Heart | 5,727 | 51.9 |
| 9. Chickenpox | 4,087 | 37.0 |
| 10. Measles | 2,256 | 20.4 |

| Causes | Region 5 | |
|----------------------------------|----------|--------|
| | Number | Rate |
| 1. Diarrhea | 51,677 | 1107.6 |
| 2. Pneumonia | 48,831 | 1046.6 |
| 3. Bronchitis/Bronchiolitis | 48,069 | 1030.2 |
| 4. Influenza | 35,025 | 750.7 |
| 5. Hypertension | 18,628 | 399.2 |
| 6. TB Respiratory | 11,659 | 249.9 |
| 7. Diseases of the Heart | 4,849 | 103.9 |
| 8. Chickenpox | 2,199 | 47.1 |
| 9. Typhoid and Paratyphoid Fever | 581 | 12.5 |
| 10. Measles | 511 | 11.0 |

| Causes | Region 6 | |
|----------------------------------|----------|--------|
| | Number | Rate |
| 1. Diarrhea | 74,541 | 1199.6 |
| 2. Pneumonia | 73,837 | 1188.2 |
| 3. Bronchitis/Bronchiolitis | 70,227 | 1130.1 |
| 4. Influenza | 46,784 | 752.9 |
| 5. Hypertension | 26,675 | 429.3 |
| 6. TB Respiratory | 18,607 | 299.4 |
| 7. Diseases of the Heart | 6,760 | 108.8 |
| 8. Chickenpox | 4,780 | 76.9 |
| 9. Typhoid and Paratyphoid Fever | 3,020 | 48.6 |
| 10. Viral Hepatitis | 1,346 | 21.7 |

* population of respective region

Table 15

Morbidity: Ten (10) Leading Causes By Region
Number & Rate/100,000 Population*
Philippines, 1999

| Causes | Region 7 | |
|----------------------------------|----------|--------|
| | Number | Rate |
| 1. Diarrhea | 127,450 | 2345.1 |
| 2. Pneumonia | 76,858 | 1414.2 |
| 3. Bronchitis/Bronchiolitis | 52,304 | 962.4 |
| 4. Influenza | 39,584 | 728.3 |
| 5. Hypertension | 10,651 | 196.0 |
| 6. TB Respiratory | 6,027 | 110.9 |
| 7. Chickenpox | 2,517 | 46.3 |
| 8. Diseases of the Heart | 2,309 | 42.5 |
| 9. Typhoid and Paratyphoid Fever | 1,277 | 23.5 |
| 10. Dengue Fever | 1,055 | 19.4 |

| Causes | Region 8 | |
|----------------------------------|----------|--------|
| | Number | Rate |
| 1. Pneumonia | 66,912 | 1824.1 |
| 2. Bronchitis/Bronchiolitis | 51,017 | 1390.8 |
| 3. Diarrhea | 46,501 | 1267.7 |
| 4. Influenza | 17,833 | 486.1 |
| 5. Hypertension | 10,219 | 278.6 |
| 6. TB Respiratory | 5,029 | 137.1 |
| 7. Diseases of the Heart | 3,992 | 108.8 |
| 8. Typhoid and Paratyphoid Fever | 2,784 | 75.9 |
| 9. Chickenpox | 2,002 | 54.6 |
| 10. Schistosomiasis | 1,944 | 53.0 |

| Causes | Region 9 | |
|----------------------------------|----------|--------|
| | Number | Rate |
| 1. Influenza | 64,473 | 2093.6 |
| 2. Diarrhea | 39,833 | 1293.5 |
| 3. Bronchitis/Bronchiolitis | 38,192 | 1240.2 |
| 4. Pneumonia | 22,956 | 745.4 |
| 5. Hypertension | 9,951 | 323.1 |
| 6. TB Respiratory | 5,724 | 185.9 |
| 7. Chickenpox | 2,931 | 95.2 |
| 8. Diseases of the Heart | 2,114 | 68.6 |
| 9. Typhoid and Paratyphoid Fever | 1,251 | 40.6 |
| 10. Malaria | 1,241 | 40.3 |

| Causes | Region 10 | |
|-----------------------------------|-----------|--------|
| | Number | Rate |
| 1. Pneumonia | 31,705 | 1168.0 |
| 2. Diarrhea | 27,912 | 1028.3 |
| 3. Bronchitis/Bronchiolitis | 27,501 | 1013.1 |
| 4. Influenza | 16,760 | 617.4 |
| 5. Hypertension | 8,695 | 320.3 |
| 6. TB Respiratory | 5,240 | 193.0 |
| 7. Diseases of the Heart | 3,483 | 128.3 |
| 8. Chickenpox | 1,414 | 52.1 |
| 9. Measles | 751 | 27.7 |
| 10. Typhoid and Paratyphoid Fever | 612 | 22.5 |

* population of respective region

Table 15

Morbidity: Ten (10) Leading Causes By Region
Number & Rate/100,000 Population*
Philippines, 1999

| Causes | | Region 11 | |
|--------|--------------------------|-----------|-------|
| | | Number | Rate |
| 1. | Pneumonia | 43,999 | 861.6 |
| 2. | Diarrhea | 35,028 | 685.9 |
| 3. | Influenza | 26,345 | 515.9 |
| 4. | Bronchitis/Bronchiolitis | 24,563 | 481.0 |
| 5. | Hypertension | 13,894 | 272.1 |
| 6. | Malaria | 8,920 | 174.7 |
| 7. | TB Respiratory | 7,961 | 155.9 |
| 8. | Diseases of the Heart | 2,667 | 52.2 |
| 9. | Chickenpox | 2,409 | 47.2 |
| 10. | Gonorrhea | 764 | 15.0 |

| Causes | | Region 12 | |
|--------|-------------------------------|-----------|--------|
| | | Number | Rate |
| 1. | Diarrhea | 33,703 | 1297.0 |
| 2. | Bronchitis/Bronchiolitis | 25,882 | 996.0 |
| 3. | Pneumonia | 23,314 | 897.2 |
| 4. | Influenza | 21,511 | 827.8 |
| 5. | Hypertension | 8,861 | 341.0 |
| 6. | TB Respiratory | 4,660 | 179.3 |
| 7. | Diseases of the Heart | 3,337 | 128.4 |
| 8. | Chickenpox | 1,736 | 66.8 |
| 9. | Malaria | 982 | 37.8 |
| 10. | Typhoid and Paratyphoid Fever | 785 | 30.2 |

| Causes | | A.R.M.M. | |
|--------|--------------------------|----------|--------|
| | | Number | Rate |
| 1. | Influenza | 36,640 | 1703.3 |
| 2. | Diarrhea | 36,173 | 1681.6 |
| 3. | Pneumonia | 18,955 | 881.2 |
| 4. | TB Respiratory | 12,463 | 579.4 |
| 5. | Bronchitis/Bronchiolitis | 11,506 | 534.9 |
| 6. | Malaria | 11,243 | 522.7 |
| 7. | Diseases of the Heart | 6,175 | 287.1 |
| 8. | Hypertension | 2,785 | 129.5 |
| 9. | Chickenpox | 1,319 | 61.3 |
| 10. | TB Other Forms | 584 | 27.1 |

| Causes | | Caraga | |
|--------|-------------------------------|--------|--------|
| | | Number | Rate |
| 1. | Pneumonia | 27,041 | 1266.9 |
| 2. | Diarrhea | 22,955 | 1075.7 |
| 3. | Bronchitis/Bronchiolitis | 20,038 | 938.8 |
| 4. | Influenza | 12,824 | 600.8 |
| 5. | Hypertension | 7,697 | 360.6 |
| 6. | Schistosomiasis | 6,953 | 325.8 |
| 7. | Malaria | 3,764 | 176.3 |
| 8. | TB Respiratory | 2,752 | 128.9 |
| 9. | Chickenpox | 1,780 | 83.4 |
| 10. | Typhoid and Paratyphoid Fever | 1,680 | 78.7 |

* population of respective region

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Diarrhea | Pneumonia | Bronchitis | Influenza | Measles | TB Respiratory |
|--------------------|----------|-----------|------------|-----------|---------|-------------------|
| Philippines | | | | | | |
| Male | * | * | * | * | * | * |
| Female | * | * | * | * | * | * |
| Total | 908,454 | 693,334 | 717,214 | 514,198 | 12,713 | 144,932 |
| Rate | 1215.4 | 927.6 | 959.5 | 687.9 | 17.0 | 193.9 |
| NCR | | | | | | |
| Male | 50,947 | 54,702 | 45,478 | 9,662 | 1,370 | 14,748 |
| Female | 44,539 | 47,877 | 46,979 | 9,987 | 1,200 | 10,377 |
| Total | 95,486 | 102,579 | 92,457 | 19,649 | 2,570 | 25,125 |
| Rate | 935.3 | 1004.8 | 905.6 | 192.5 | 25.2 | 246.1 |
| CAR | | | | | | |
| Male | 16,271 | 12,515 | 15,158 | 8,430 | 203 | 958 |
| Female | 15,175 | 11,373 | 14,974 | 9,238 | 206 | 771 |
| Total | 31,446 | 23,888 | 30,132 | 17,668 | 409 | 1,729 |
| Rate | 2290.9 | 1740.3 | 2195.1 | 1287.1 | 29.8 | 126.0 |
| Region 1 | | | | | | |
| Male | 20,459 | 11,321 | 18,486 | 17,117 | 283 | 3,467 |
| Female | 20,352 | 10,629 | 19,632 | 18,362 | 247 | 2,682 |
| Total | 40,811 | 21,950 | 38,118 | 35,479 | 530 | 6,149 |
| Rate | 1001.4 | 538.6 | 935.3 | 870.5 | 13.0 | 150.9 |
| Region 2 | | | | | | |
| Male | 19,152 | 7,322 | 25,580 | 21,463 | 110 | 2,540 |
| Female | 19,094 | 6,651 | 25,404 | 23,197 | 116 | 1,703 |
| Total | 38,246 | 13,973 | 50,984 | 44,660 | 226 | 4,243 |
| Rate | 1395.0 | 509.7 | 1859.6 | 1629.0 | 8.2 | 154.8 |
| Region 3 | | | | | | |
| Male | 56,676 | 18,491 | 33,207 | 13,065 | 535 | 7,235 |
| Female | 51,416 | 18,067 | 31,987 | 13,774 | 518 | 4,847 |
| Total | 108,092 | 36,558 | 65,194 | 26,839 | 1,053 | 12,082 |
| Rate | 1433.8 | 484.9 | 864.8 | 356.0 | 14.0 | 160.3 |
| Region 4 | | | | | | |
| Male | 52,322 | 31,769 | 36,086 | 25,898 | 1,209 | 8,851 |
| Female | 46,278 | 28,209 | 34,944 | 26,226 | 1,047 | 6,631 |
| Total | 98,600 | 59,978 | 71,030 | 52,124 | 2,256 | 15,482 |
| Rate | 893.1 | 543.3 | 643.4 | 472.1 | 20.4 | 140.2 |
| Region 5 | | | | | | |
| Male | 26,820 | 24,897 | 23,518 | 17,416 | 246 | 5,971 |
| Female | 24,857 | 23,934 | 24,551 | 17,609 | 265 | 5,688 |
| Total | 51,677 | 48,831 | 48,069 | 35,025 | 511 | 11,659 |
| Rate | 1107.6 | 1046.6 | 1030.2 | 750.7 | 11.0 | 249.9 |
| Region 6 | | | | | | |
| Male | 37,818 | 37,525 | 32,917 | 21,957 | 501 | 10,506 |
| Female | 36,723 | 36,312 | 37,310 | 24,827 | 541 | 8,101 |
| Total | 74,541 | 73,837 | 70,227 | 46,784 | 1,042 | 18,607 |
| Rate | 1199.6 | 1188.2 | 1130.1 | 752.9 | 16.8 | 299.4 |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Diarrhea | Pneumonia | Bronchitis | Influenza | Measles | TB Respiratory |
|------------------|----------|-----------|------------|-----------|---------|-------------------|
| Region 7 | | | | | | |
| Male | * | * | * | * | 471 | * |
| Female | * | * | * | * | 400 | * |
| Total | 127,450 | 76,858 | 52,304 | 39,584 | 871 | 6,027 |
| Rate | 2345.1 | 1414.2 | 962.4 | 728.3 | 16.0 | 110.9 |
| Region 8 | | | | | | |
| Male | 23,473 | 32,908 | 26,099 | 8,354 | 443 | 2,894 |
| Female | 23,028 | 34,004 | 24,918 | 9,479 | 380 | 2,135 |
| Total | 46,501 | 66,912 | 51,017 | 17,833 | 823 | 5,029 |
| Rate | 1267.7 | 1824.1 | 1390.8 | 486.1 | 22.4 | 137.1 |
| Region 9 | | | | | | |
| Male | 20,568 | 11,692 | 18,335 | 32,088 | 250 | 3,397 |
| Female | 19,265 | 11,264 | 19,857 | 32,385 | 232 | 2,327 |
| Total | 39,833 | 22,956 | 38,192 | 64,473 | 482 | 5,724 |
| Rate | 1293.5 | 745.4 | 1240.2 | 2093.6 | 15.7 | 185.9 |
| Region 10 | | | | | | |
| Male | 11,103 | 17,528 | 13,415 | 7,442 | 415 | 2,780 |
| Female | 16,809 | 14,177 | 14,086 | 9,318 | 336 | 2,460 |
| Total | 27,912 | 31,705 | 27,501 | 16,760 | 751 | 5,240 |
| Rate | 1028.3 | 1168.0 | 1013.1 | 617.4 | 27.7 | 193.0 |
| Region 11 | | | | | | |
| Male | * | * | * | * | * | * |
| Female | * | * | * | * | * | * |
| Total | 35,028 | 43,999 | 24,563 | 26,345 | 390 | 7,961 |
| Rate | 685.9 | 861.6 | 481.0 | 515.9 | 7.6 | 155.9 |
| Region 12 | | | | | | |
| Male | * | * | * | * | * | * |
| Female | * | * | * | * | * | * |
| Total | 33,703 | 23,314 | 25,882 | 21,511 | 114 | 4,660 |
| Rate | 1297.0 | 897.2 | 996.0 | 827.8 | 4.4 | 179.3 |
| Caraga | | | | | | |
| Male | 11,376 | 13,899 | 9,802 | 5,998 | 231 | 1,558 |
| Female | 11,579 | 13,142 | 10,236 | 6,826 | 235 | 1,194 |
| Total | 22,955 | 27,041 | 20,038 | 12,824 | 466 | 2,752 |
| Rate | 1075.5 | 1266.9 | 938.8 | 600.8 | 21.8 | 128.9 |
| ARMM | | | | | | |
| Male | 18,240 | 9,668 | 5,773 | 18,315 | 111 | 6,738 |
| Female | 17,933 | 9,287 | 5,733 | 18,325 | 108 | 5,725 |
| Total | 36,173 | 18,955 | 11,506 | 36,640 | 219 | 12,463 |
| Rate | 1681.6 | 881.2 | 534.9 | 1703.3 | 10.2 | 579.4 |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | TB Meningitis | TB Other Forms | Diseases of the Heart | Hypertension | Malignant Neoplasms | Chickenpox |
|--------------------|------------------|-------------------|--------------------------|--------------|------------------------|------------|
| Philippines | | | | | | |
| Male | * | * | * | * | * | * |
| Female | * | * | * | * | * | * |
| Total | 311 | 7,491 | 63,167 | 208,248 | 5,710 | 35,699 |
| Rate | 0.4 | 10.0 | 84.5 | 278.6 | 7.6 | 47.8 |
| NCR | | | | | | |
| Male | 38 | 224 | 2,962 | 5,695 | 611 | 1,468 |
| Female | 20 | 172 | 2,993 | 8,135 | 638 | 1,436 |
| Total | 58 | 396 | 5,955 | 13,830 | 1,249 | 2,904 |
| Rate | 0.6 | 3.9 | 58.3 | 135.5 | 12.2 | 28.4 |
| CAR | | | | | | |
| Male | - | 4 | 669 | 6,402 | 163 | 609 |
| Female | - | 9 | 802 | 7,192 | 141 | 595 |
| Total | - | 13 | 1,471 | 13,594 | 304 | 1,204 |
| Rate | - | 0.9 | 107.2 | 990.3 | 22.1 | 87.7 |
| Region 1 | | | | | | |
| Male | - | 262 | 1,044 | 8,648 | 40 | 406 |
| Female | - | 213 | 1,238 | 9,622 | 45 | 419 |
| Total | - | 475 | 2,282 | 18,270 | 85 | 825 |
| Rate | - | 11.7 | 56.0 | 448.3 | 2.1 | 20.2 |
| Region 2 | | | | | | |
| Male | 7 | 134 | 768 | 9 | 59 | 682 |
| Female | 2 | 145 | 978 | 11 | 60 | 698 |
| Total | 9 | 279 | 1,746 | 20 | 119 | 1,380 |
| Rate | 0.3 | 10.2 | 63.7 | 0.7 | 4.3 | 50.3 |
| Region 3 | | | | | | |
| Male | 4 | 208 | 4,337 | 3,592 | 192 | 1,106 |
| Female | 5 | 218 | 5,220 | 4,228 | 188 | 1,106 |
| Total | 9 | 426 | 9,557 | 7,820 | 380 | 2,212 |
| Rate | 0.1 | 5.7 | 126.8 | 103.7 | 5.0 | 29.3 |
| Region 4 | | | | | | |
| Male | 25 | 1,017 | 2,800 | 16,646 | 203 | 2,081 |
| Female | 32 | 1,002 | 2,927 | 20,012 | 253 | 2,006 |
| Total | 57 | 2,019 | 5,727 | 36,658 | 456 | 4,087 |
| Rate | 0.5 | 18.3 | 51.9 | 332.0 | 4.1 | 37.0 |
| Region 5 | | | | | | |
| Male | 5 | 200 | 2,215 | 9,332 | 28 | 1,121 |
| Female | 8 | 186 | 2,634 | 9,296 | 50 | 1,078 |
| Total | 13 | 386 | 4,849 | 18,628 | 78 | 2,199 |
| Rate | 0.3 | 8.3 | 103.9 | 399.2 | 1.7 | 47.1 |
| Region 6 | | | | | | |
| Male | 27 | 364 | 3,313 | 11,944 | 378 | 2,376 |
| Female | 32 | 311 | 3,447 | 14,731 | 404 | 2,404 |
| Total | 59 | 675 | 6,760 | 26,675 | 782 | 4,780 |
| Rate | 0.9 | 10.9 | 108.8 | 429.3 | 12.6 | 76.9 |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | TB Meningitis | TB Other Forms | Diseases of the Heart | Hypertension | Malignant Neoplasms | Chickenpox |
|------------------|------------------|-------------------|--------------------------|--------------|------------------------|------------|
| Region 7 | | | | | | |
| Male | 1 | 225 | 993 | 4,768 | * | 1,259 |
| Female | 2 | 315 | 1,316 | 5,883 | * | 1,258 |
| Total | 3 | 540 | 2,309 | 10,651 | 248 | 2,517 |
| Rate | 0.1 | 9.9 | 42.5 | 196.0 | 4.6 | 46.3 |
| Region 8 | | | | | | |
| Male | 1 | 120 | 1,820 | 4,539 | 158 | 995 |
| Female | 1 | 124 | 2,172 | 5,680 | 336 | 1,007 |
| Total | 2 | 244 | 3,992 | 10,219 | 494 | 2,002 |
| Rate | 0.1 | 6.7 | 108.8 | 278.6 | 13.5 | 54.6 |
| Region 9 | | | | | | |
| Male | 16 | 145 | 1,049 | 4,489 | 456 | 1,490 |
| Female | 12 | 91 | 1,065 | 5,462 | 374 | 1,441 |
| Total | 28 | 236 | 2,114 | 9,951 | 830 | 2,931 |
| Rate | 0.9 | 7.7 | 68.6 | 323.1 | 27.0 | 95.2 |
| Region 10 | | | | | | |
| Male | 3 | 181 | 1,705 | 4,041 | 22 | 723 |
| Female | 2 | 125 | 1,778 | 4,654 | 24 | 691 |
| Total | 5 | 306 | 3,483 | 8,695 | 46 | 1,414 |
| Rate | 0.2 | 11.3 | 128.3 | 320.3 | 1.7 | 52.1 |
| Region 11 | | | | | | |
| Male | * | * | * | * | * | * |
| Female | * | * | * | * | * | * |
| Total | 43 | 568 | 2,667 | 13,894 | 597 | 2,409 |
| Rate | 0.8 | 11.1 | 52.2 | 272.1 | 11.7 | 47.2 |
| Region 12 | | | | | | |
| Male | 7 | 43 | * | * | 10 | * |
| Female | 3 | 44 | * | * | 9 | * |
| Total | 10 | 87 | 3,337 | 8,861 | 19 | 1,736 |
| Rate | 0.4 | 3.3 | 128.4 | 341.0 | 0.7 | 66.8 |
| Caraga | | | | | | |
| Male | 10 | 146 | 317 | 3,500 | 11 | 841 |
| Female | 3 | 111 | 426 | 4,197 | 8 | 939 |
| Total | 13 | 257 | 743 | 7,697 | 19 | 1,780 |
| Rate | 0.6 | 12.0 | 34.8 | 360.6 | 0.9 | 83.4 |
| ARMM | | | | | | |
| Male | 1 | 310 | 3,060 | 1,447 | 2 | 666 |
| Female | 1 | 274 | 3,115 | 1,338 | 2 | 653 |
| Total | 2 | 584 | 6,175 | 2,785 | 4 | 1,319 |
| Rate | 0.1 | 27.1 | 287.1 | 129.5 | 0.2 | 61.3 |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Dengue Fever | Malaria | Cholera | Typhoid and Paratyphoid Fever | Viral Hepatitis | Rabies |
|--------------------|-----------------|---------|---------|-------------------------------------|--------------------|--------|
| Philippines | | | | | | |
| Male | * | * | * | * | * | * |
| Female | * | * | * | * | * | * |
| Total | 9,121 | 68,155 | 659 | 17,625 | 5,525 | 2,582 |
| Rate | 12.2 | 91.2 | 0.9 | 23.6 | 7.4 | 3.5 |
| NCR | | | | | | |
| Male | 689 | 16 | 80 | 304 | 250 | 7 |
| Female | 589 | - | 39 | 293 | 170 | 3 |
| Total | 1,278 | 16 | 119 | 597 | 420 | 10 |
| Rate | 12.5 | 0.2 | 1.2 | 5.8 | 4.1 | 0.1 |
| CAR | | | | | | |
| Male | 110 | 3,975 | 226 | 599 | 113 | 1 |
| Female | 94 | 3,949 | 168 | 598 | 90 | 2 |
| Total | 204 | 7,924 | 394 | 1,197 | 203 | 3 |
| Rate | 14.9 | 577.3 | 28.7 | 87.2 | 14.8 | 0.2 |
| Region 1 | | | | | | |
| Male | 284 | 76 | - | 220 | 81 | 198 |
| Female | 220 | 32 | - | 185 | 59 | 186 |
| Total | 504 | 108 | - | 405 | 140 | 384 |
| Rate | 12.4 | 2.6 | 0.0 | 9.9 | 3.4 | 9.4 |
| Region 2 | | | | | | |
| Male | 21 | 1,254 | - | 572 | 141 | 25 |
| Female | 15 | 769 | - | 475 | 87 | 23 |
| Total | 36 | 2,023 | - | 1,047 | 228 | 48 |
| Rate | 1.3 | 73.8 | 0.0 | 38.2 | 8.3 | 1.8 |
| Region 3 | | | | | | |
| Male | 453 | 91 | - | 366 | 207 | 39 |
| Female | 427 | 76 | - | 318 | 120 | 40 |
| Total | 880 | 167 | - | 684 | 327 | 79 |
| Rate | 11.7 | 2.2 | 0.0 | 9.1 | 4.3 | 1.0 |
| Region 4 | | | | | | |
| Male | 557 | 16,794 | 5 | 531 | 365 | 158 |
| Female | 514 | 14,699 | 2 | 447 | 257 | 134 |
| Total | 1,071 | 31,493 | 7 | 978 | 622 | 292 |
| Rate | 9.7 | 285.3 | 0.1 | 8.9 | 5.6 | 2.6 |
| Region 5 | | | | | | |
| Male | 86 | 13 | 14 | 323 | 260 | 69 |
| Female | 68 | 5 | 17 | 258 | 185 | 53 |
| Total | 154 | 18 | 31 | 581 | 445 | 122 |
| Rate | 3.3 | 0.4 | 0.7 | 12.5 | 9.5 | 2.6 |
| Region 6 | | | | | | |
| Male | 654 | 12 | 8 | 1,621 | 830 | 234 |
| Female | 622 | 9 | 5 | 1,399 | 516 | 190 |
| Total | 1,276 | 21 | 13 | 3,020 | 1,346 | 424 |
| Rate | 20.5 | 0.3 | 0.2 | 48.6 | 21.7 | 6.8 |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Dengue Fever | Malaria | Cholera | Typhoid and Paratyphoid Fever | Viral Hepatitis | Rabies |
|------------------|-----------------|---------|---------|-------------------------------------|--------------------|--------|
| Region 7 | | | | | | |
| Male | * | 6 | 10 | * | 147 | 102 |
| Female | * | 1 | 17 | * | 97 | 112 |
| Total | 1,055 | 7 | 27 | 1,277 | 244 | 214 |
| Rate | 19.4 | 0.1 | 0.5 | 23.5 | 4.5 | 3.9 |
| Region 8 | | | | | | |
| Male | 154 | 2 | 5 | 1,521 | 207 | 369 |
| Female | 143 | - | - | 1,263 | 127 | 290 |
| Total | 297 | 2 | 5 | 2,784 | 334 | 659 |
| Rate | 8.1 | 0.1 | 0.1 | 75.9 | 9.1 | 18.0 |
| Region 9 | | | | | | |
| Male | 226 | 672 | 26 | 686 | 246 | 25 |
| Female | 180 | 569 | 13 | 565 | 146 | 17 |
| Total | 406 | 1,241 | 39 | 1,251 | 392 | 42 |
| Rate | 13.2 | 40.3 | 1.3 | 40.6 | 12.7 | 1.4 |
| Region 10 | | | | | | |
| Male | 244 | 116 | 4 | 332 | 58 | - |
| Female | 251 | 110 | 2 | 280 | 46 | - |
| Total | 495 | 226 | 6 | 612 | 104 | - |
| Rate | 18.2 | 8.3 | 0.2 | 22.5 | 3.8 | - |
| Region 11 | | | | | | |
| Male | * | * | * | * | * | * |
| Female | * | * | * | * | * | * |
| Total | 639 | 8,920 | 14 | 625 | 213 | 80 |
| Rate | 12.5 | 174.7 | 0.3 | 12.2 | 4.2 | 1.6 |
| Region 12 | | | | | | |
| Male | * | * | - | * | 39 | * |
| Female | * | * | - | * | 34 | * |
| Total | 757 | 982 | - | 785 | 73 | 180 |
| Rate | 29.1 | 37.8 | 0.0 | 30.2 | 2.8 | 6.9 |
| Caraga | | | | | | |
| Male | 19 | 2,265 | 3 | 655 | 74 | 24 |
| Female | 17 | 1,499 | 1 | 1,025 | 62 | 18 |
| Total | 36 | 3,764 | 4 | 1,680 | 136 | 42 |
| Rate | 1.7 | 176.3 | 0.2 | 78.7 | 6.4 | 2.0 |
| ARMM | | | | | | |
| Male | 15 | 5,962 | - | 55 | 170 | 3 |
| Female | 18 | 5,281 | - | 47 | 128 | - |
| Total | 33 | 11,243 | - | 102 | 298 | 3 |
| Rate | 1.5 | 522.7 | 0.0 | 4.7 | 13.9 | 0.1 |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Diphtheria | Tetanus Neonatorum | Non- Neonatal Tetanus | Poliomyelitis | Gonorrhea | Syphilis |
|--------------------|------------|-----------------------|-----------------------------|---------------|-----------|----------|
| Philippines | | | | | | |
| Male | * | * | * | - | 552 | * |
| Female | * | * | * | - | 2,248 | * |
| Total | 48 | 178 | 465 | - | 2,800 | 121 |
| Rate | 0.1 | 0.2 | 0.6 | - | 3.7 | 0.2 |
| NCR | | | | | | |
| Male | 1 | 5 | 75 | - | 49 | 2 |
| Female | 4 | 3 | 40 | - | 451 | - |
| Total | 5 | 8 | 115 | - | 500 | 2 |
| Rate | 0.05 | 0.1 | 1.1 | - | 4.9 | 0.02 |
| CAR | | | | | | |
| Male | - | 2 | 10 | - | 51 | 11 |
| Female | - | 1 | 4 | - | 80 | 17 |
| Total | - | 3 | 14 | - | 131 | 28 |
| Rate | - | 0.2 | 1.0 | - | 9.5 | 2.0 |
| Region 1 | | | | | | |
| Male | - | 2 | 5 | - | 4 | - |
| Female | - | - | - | - | 23 | - |
| Total | - | 2 | 5 | - | 27 | - |
| Rate | - | 0.05 | 0.1 | - | 0.7 | - |
| Region 2 | | | | | | |
| Male | - | 7 | 8 | - | 71 | 3 |
| Female | - | 5 | 3 | - | 114 | 10 |
| Total | - | 12 | 11 | - | 185 | 13 |
| Rate | - | 0.4 | 0.4 | - | 6.7 | 0.5 |
| Region 3 | | | | | | |
| Male | - | 5 | 12 | - | 13 | - |
| Female | - | 1 | 2 | - | 1 | - |
| Total | - | 6 | 14 | - | 14 | - |
| Rate | - | 0.1 | 0.2 | - | 0.2 | - |
| Region 4 | | | | | | |
| Male | 3 | 2 | 4 | - | 33 | - |
| Female | - | 1 | - | - | 306 | - |
| Total | 3 | 3 | 4 | - | 339 | - |
| Rate | 0.03 | 0.03 | 0.04 | - | 3.1 | - |
| Region 5 | | | | | | |
| Male | 1 | 9 | 3 | - | 90 | 1 |
| Female | - | 3 | - | - | 102 | - |
| Total | 1 | 12 | 3 | - | 192 | 1 |
| Rate | 0.02 | 0.3 | 0.1 | - | 4.1 | 0.02 |
| Region 6 | | | | | | |
| Male | 1 | 8 | 35 | - | 99 | 1 |
| Female | - | 2 | 24 | - | 334 | 43 |
| Total | 1 | 10 | 59 | - | 433 | 44 |
| Rate | 0.02 | 0.2 | 0.9 | - | 7.0 | 0.7 |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Diphtheria | Tetanus Neonatorum | Non- Neonatal Tetanus | Poliomyelitis | Gonorrhea | Syphilis |
|------------------|------------|-----------------------|-----------------------------|---------------|-----------|----------|
| Region 7 | | | | | | |
| Male | - | 6 | 26 | - | 6 | - |
| Female | - | 6 | 10 | - | - | - |
| Total | - | 12 | 36 | - | 6 | - |
| Rate | - | 0.2 | 0.7 | - | 0.1 | - |
| Region 8 | | | | | | |
| Male | 8 | 22 | 21 | - | 8 | - |
| Female | 3 | 8 | 13 | - | 53 | - |
| Total | 11 | 30 | 34 | - | 61 | - |
| Rate | 0.3 | 0.8 | 0.9 | - | 1.7 | - |
| Region 9 | | | | | | |
| Male | 1 | 25 | 73 | - | 40 | - |
| Female | 2 | 17 | 19 | - | 70 | - |
| Total | 3 | 42 | 92 | - | 110 | - |
| Rate | 0.1 | 1.4 | 3.0 | - | 3.6 | - |
| Region 10 | | | | | | |
| Male | - | 2 | 2 | - | 4 | - |
| Female | 1 | 2 | - | - | 2 | - |
| Total | 1 | 4 | 2 | - | 6 | - |
| Rate | 0.04 | 0.1 | 0.1 | - | 0.2 | - |
| Region 11 | | | | | | |
| Male | * | * | * | - | 75 | * |
| Female | * | * | * | - | 689 | * |
| Total | 15 | 20 | 43 | - | 764 | 29 |
| Rate | 0.3 | 0.4 | 0.8 | - | 15.0 | 0.6 |
| Region 12 | | | | | | |
| Male | 1 | 8 | 13 | - | 1 | - |
| Female | - | 4 | 8 | - | - | 4 |
| Total | 1 | 12 | 21 | - | 1 | 4 |
| Rate | 0.04 | 0.5 | 0.8 | - | 0.04 | 0.2 |
| Caraga | | | | | | |
| Male | - | - | - | - | 8 | - |
| Female | - | - | 3 | - | 23 | - |
| Total | - | - | 3 | - | 31 | - |
| Rate | - | - | 0.1 | - | 1.5 | - |
| ARMM | | | | | | |
| Male | 4 | 1 | 4 | - | - | - |
| Female | 3 | 1 | 5 | - | - | - |
| Total | 7 | 2 | 9 | - | - | - |
| Rate | 0.3 | 0.1 | 0.4 | - | - | - |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Whooping Cough | AIDS/HIV Infection | Leprosy | Schisto- somiasis | Filariasis |
|--------------------|-------------------|-----------------------|---------|----------------------|------------|
| Philippines | | | | | |
| Male | * | 6 | * | * | * |
| Female | * | 2 | * | * | * |
| Total | 1,327 | 8 | 1,423 | 11,572 | 398 |
| Rate | 1.8 | 0.01 | 1.9 | 15.5 | 0.5 |
| NCR | | | | | |
| Male | 1 | - | 23 | 1 | - |
| Female | - | - | 20 | - | - |
| Total | 1 | - | 43 | 1 | - |
| Rate | 0.01 | - | 0.4 | 0.01 | - |
| CAR | | | | | |
| Male | 9 | 1 | 20 | - | - |
| Female | 5 | 2 | 13 | - | - |
| Total | 14 | 3 | 33 | - | - |
| Rate | 1.0 | 0.2 | 2.4 | - | - |
| Region 1 | | | | | |
| Male | 3 | 1 | 44 | 1 | - |
| Female | 7 | - | 29 | - | - |
| Total | 10 | 1 | 73 | 1 | - |
| Rate | 0.2 | 0.02 | 1.8 | 0.02 | - |
| Region 2 | | | | | |
| Male | 5 | - | 53 | - | - |
| Female | 4 | - | 38 | - | - |
| Total | 9 | - | 91 | - | - |
| Rate | 0.3 | - | 3.3 | - | - |
| Region 3 | | | | | |
| Male | 1 | 4 | 23 | - | - |
| Female | 2 | - | 17 | - | - |
| Total | 3 | 4 | 40 | - | - |
| Rate | 0.04 | 0.1 | 0.5 | - | - |
| Region 4 | | | | | |
| Male | 46 | - | 45 | - | 102 |
| Female | 58 | - | 24 | - | 62 |
| Total | 104 | - | 69 | - | 164 |
| Rate | 0.9 | - | 0.6 | - | 1.5 |
| Region 5 | | | | | |
| Male | 28 | - | 45 | - | 18 |
| Female | 26 | - | 35 | - | 5 |
| Total | 54 | - | 80 | - | 23 |
| Rate | 1.2 | - | 1.7 | - | 0.5 |
| Region 6 | | | | | |
| Male | 43 | - | 41 | - | - |
| Female | 39 | - | 21 | - | - |
| Total | 82 | - | 62 | - | - |
| Rate | 1.3 | - | 1.0 | - | - |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Whooping Cough | AIDS/HIV Infection | Leprosy | Schisto- somiasis | Filariasis |
|------------------|-------------------|-----------------------|---------|----------------------|------------|
| Region 7 | | | | | |
| Male | 5 | - | 47 | 4 | - |
| Female | 3 | - | 34 | 2 | - |
| Total | 8 | - | 81 | 6 | - |
| Rate | 0.1 | - | 1.5 | 0.1 | - |
| Region 8 | | | | | |
| Male | 476 | - | 134 | 1,241 | 60 |
| Female | 456 | - | 106 | 703 | 33 |
| Total | 932 | - | 240 | 1,944 | 93 |
| Rate | 25.4 | - | 6.5 | 53.0 | 2.5 |
| Region 9 | | | | | |
| Male | 46 | - | 157 | 683 | 1 |
| Female | 32 | - | 81 | 311 | - |
| Total | 78 | - | 238 | 994 | 1 |
| Rate | 2.5 | - | 7.7 | 32.3 | 0.03 |
| Region 10 | | | | | |
| Male | - | - | 43 | 174 | 21 |
| Female | - | - | 13 | 36 | 4 |
| Total | - | - | 56 | 210 | 25 |
| Rate | - | - | 2.1 | 7.7 | 0.9 |
| Region 11 | | | | | |
| Male | * | - | * | * | * |
| Female | * | - | * | * | * |
| Total | 10 | - | 58 | 302 | 75 |
| Rate | 0.2 | - | 1.1 | 5.9 | 1.5 |
| Region 12 | | | | | |
| Male | * | - | 63 | * | - |
| Female | * | - | 24 | * | - |
| Total | 17 | - | 87 | 674 | - |
| Rate | 0.7 | - | 3.3 | 25.9 | - |
| Caraga | | | | | |
| Male | - | - | 38 | 4,008 | 11 |
| Female | - | - | 7 | 2,945 | 6 |
| Total | - | - | 45 | 6,953 | 17 |
| Rate | - | - | 2.1 | 325.8 | 0.8 |
| ARMM | | | | | |
| Male | 2 | - | 74 | 325 | - |
| Female | 3 | - | 53 | 162 | - |
| Total | 5 | - | 127 | 487 | - |
| Rate | 0.2 | - | 5.9 | 22.6 | - |

Table 16

**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Meningitis/ Encephalitis | Leptospirosis | Poisoning (Food / Chemical) | Meningo- coccemia |
|--------------------|-----------------------------|---------------|--------------------------------|----------------------|
| Philippines | | | | |
| Male | 195 | 238 | 641 | 19 |
| Female | 149 | 34 | 491 | 10 |
| Total | 344 | 272 | 1,132 | 29 |
| Rate | 0.5 | 0.4 | 1.5 | 0.04 |
| NCR | | | | |
| Male | 13 | 157 | 35 | 6 |
| Female | 3 | 21 | 24 | 2 |
| Total | 16 | 178 | 59 | 8 |
| Rate | 0.2 | 1.7 | 0.6 | 0.1 |
| CAR | | | | |
| Male | 5 | - | 45 | - |
| Female | 3 | - | 40 | - |
| Total | 8 | - | 85 | - |
| Rate | 0.6 | - | 6.2 | - |
| Region 1 | | | | |
| Male | 6 | - | 4 | - |
| Female | 6 | - | 2 | - |
| Total | 12 | - | 6 | - |
| Rate | 0.3 | - | 0.1 | - |
| Region 2 | | | | |
| Male | - | 9 | 56 | - |
| Female | - | - | 44 | - |
| Total | - | 9 | 100 | - |
| Rate | - | 0.3 | 3.6 | - |
| Region 3 | | | | |
| Male | 15 | - | 93 | 2 |
| Female | 13 | - | 98 | - |
| Total | 28 | - | 191 | 2 |
| Rate | 0.4 | - | 2.5 | 0.03 |
| Region 4 | | | | |
| Male | 13 | 2 | 75 | 1 |
| Female | 10 | - | 49 | - |
| Total | 23 | 2 | 124 | 1 |
| Rate | 0.2 | 0.02 | 1.1 | 0.01 |
| Region 5 | | | | |
| Male | 3 | 1 | 23 | - |
| Female | 8 | 1 | 23 | - |
| Total | 11 | 2 | 46 | - |
| Rate | 0.2 | 0.04 | 1.0 | - |
| Region 6 | | | | |
| Male | 39 | 26 | 200 | 3 |
| Female | 18 | 4 | 130 | 1 |
| Total | 57 | 30 | 330 | 4 |
| Rate | 0.9 | 0.5 | 5.3 | 0.1 |

Table 16

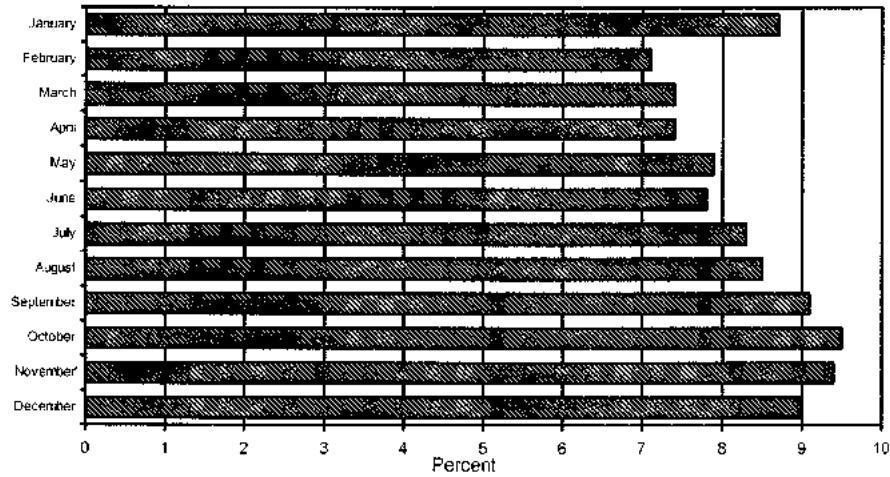
**Notifiable Diseases: Number and Rate
By Region and Sex
Philippines, 1999**

| Area | Meningitis/ Encephalitis | Leptospirosis | Poisoning (Food / Chemical) | Meningo- coccemia |
|------------------|-----------------------------|---------------|--------------------------------|----------------------|
| Region 7 | | | | |
| Male | 7 | 7 | 12 | - |
| Female | 14 | 2 | 10 | 5 |
| Total | 21 | 9 | 22 | 5 |
| Rate | 0.4 | 0.2 | 0.4 | 0.1 |
| Region 8 | | | | |
| Male | 7 | 6 | 19 | 1 |
| Female | 2 | 2 | 17 | - |
| Total | 9 | 8 | 36 | 1 |
| Rate | 0.2 | 0.2 | 1.0 | 0.03 |
| Region 9 | | | | |
| Male | 9 | - | 65 | 6 |
| Female | 13 | 3 | 40 | 1 |
| Total | 22 | 3 | 105 | 7 |
| Rate | 0.7 | 0.1 | 3.4 | 0.2 |
| Region 10 | | | | |
| Male | 1 | - | 6 | - |
| Female | - | - | 8 | - |
| Total | 1 | - | 14 | - |
| Rate | 0.04 | - | 0.5 | - |
| Region 11 | | | | |
| Male | 41 | 30 | - | - |
| Female | 44 | 1 | - | - |
| Total | 85 | 31 | - | - |
| Rate | 1.7 | 0.6 | - | - |
| Region 12 | | | | |
| Male | 4 | - | 8 | - |
| Female | 1 | - | 6 | 1 |
| Total | 5 | - | 14 | 1 |
| Rate | 0.2 | - | 0.5 | 0.0 |
| Caraga | | | | |
| Male | 32 | - | - | - |
| Female | 13 | - | - | - |
| Total | 45 | - | - | - |
| Rate | 2.1 | - | - | - |
| ARMM | | | | |
| Male | - | - | - | - |
| Female | 1 | - | - | - |
| Total | 1 | - | - | - |
| Rate | 0.05 | - | - | - |

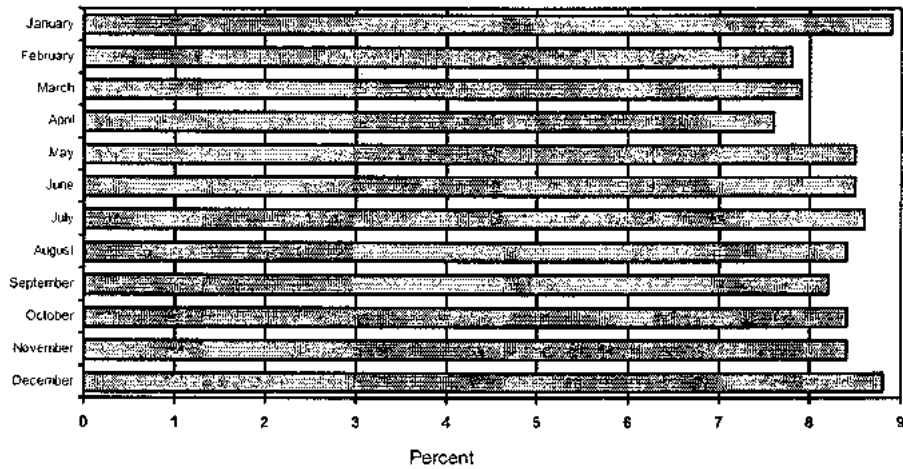
Health Indices by Month of Occurrence

Percent Distribution, Philippines, 1999

LIVEBIRTHS



DEATHS



INFANT DEATHS

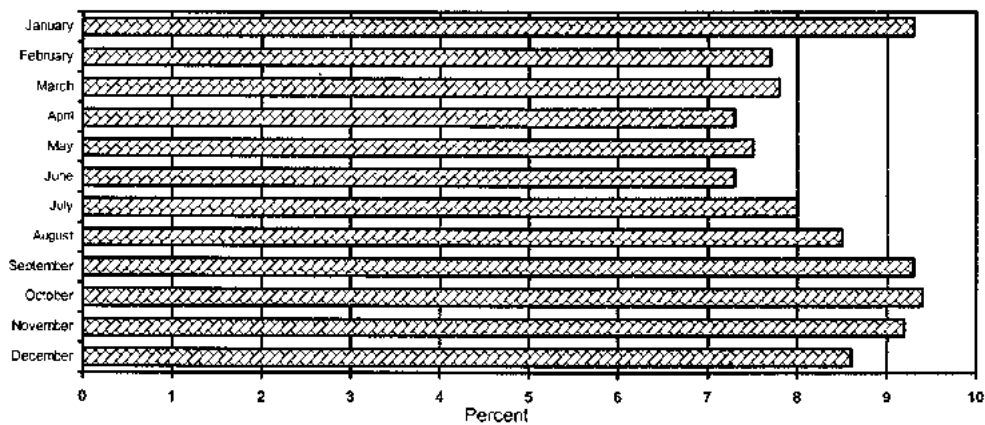


Table 7

**Total Livebirths, Female Population and Fertility Rate
By Region
Philippines, 1999**

| Area | Total Livebirths | Female Population (15 - 49 Years) | Fertility Rate* |
|-------------------------|------------------|-----------------------------------|-----------------|
| Philippines | 1,613,335 | 19,089,654 | 8.45 |
| National Capital Region | 286,571 | 3,085,453 | 9.29 |
| C. A. R. | 30,497 | 346,280 | 8.81 |
| Region 1 | 94,047 | 1,005,615 | 9.35 |
| Region 2 | 55,908 | 673,928 | 8.30 |
| Region 3 | 183,681 | 1,957,819 | 9.38 |
| Region 4 | 269,583 | 2,862,938 | 9.42 |
| Region 5 | 107,698 | 1,059,954 | 10.16 |
| Region 6 | 109,434 | 1,509,522 | 7.25 |
| Region 7 | 140,385 | 1,340,895 | 10.47 |
| Region 8 | 55,862 | 813,512 | 6.87 |
| Region 9 | 50,908 | 756,037 | 6.73 |
| Region 10 | 53,056 | 687,629 | 7.72 |
| Region 11 | 92,448 | 1,284,406 | 7.20 |
| Region 12 | 40,863 | 653,197 | 6.26 |
| CARAGA | 34,985 | 507,889 | 6.89 |
| ARMM | 7,287 | 544,580 | 1.34 |
| Foreign Countries | 122 | *** | *** |

Note: Total Philippines include births of foreign Women Nationals in the country - 122

* per 100 female population of corresponding region

*** no data available

FERTILITY RATE BY REGION Philippines, 1999



Figure 7

NATALITY STATISTICS

All birth statistics tabulated and presented in this report are based on information received by the Office of Civil Registrar General from all Local Civil Registrars throughout the country. Birth registration from the Local Civil Registrars are based on the place of delivery or where the birth occurred. However, in this report, births were tabulated according to the usual residence of mother. (Tables 5-10, 13). Thus, a classification of "Foreign Countries" exists and which refers to mothers of foreign nationality who gave birth in the country.

A total of 1,613,335 live births were reported in 1999 giving a crude birth rate (CBR) of 21.6 births per 1,000 population. The CBR indicates the state of population growth in the country. The number of livebirths registered and the corresponding birth rate from 1950 to 1999 is presented in Table 4.

In 1950, the CBR was 31.7. In 1970, twenty years after, the CBR went down to 27.4. Another 20 years after (1990), it further dropped to 26.3. Since then, there was a steady decline in CBR, except in 1997. An average of 24.1 in CBR from 1990 to 1999 was recorded. It can also be noted that from 1950 to 1999, there is a decline of 10.1 in CBR.

The number of live births in 1999 is 1.2% lower than the reported live births in 1998 and a decrease of 3% in rate. Since 1990, except in 1997, a continuous decrease in live births can be noted. The average decrease in rate from 1990 to 1999 is 2.1%. However, the data do not reflect the actual number of babies born per year because of underregistration.

Most of the mothers who gave birth in 1999 were residents of Metro Manila. NCR got the highest percent share (17.8%) in the number of live births, considering the geographical distribution of the usual residents of the mothers. NCR is followed by Region 4 with 16.7%. While ARMM has the lowest number of live births with 0.4% only.

In 1999, the month of October had the most number of children born with 152,540 or 9.5% but is only 0.1% higher than the month of November with 151,513 live births or 9.4%. February is the month with the least number of live births, 114,217 or 7.1% (Table 6).

Mothers belonging to age group 25-29 years old had the most number of live births delivered with 462,803 or 28.7% and is closely followed by mothers in the age group 20-24 with 450,797 live births or 27.9%. The least number of live births occurred to mothers under 15 years old with 673 or 0.04% only (Table 11). The age groups with the highest and least number of live births recorded in 1999 are the same with that of recorded in 1998.

As presented in Table 10, majority of the total live births were attended by medical practitioners like physicians, nurses and midwife. They comprise 65.9% or 1,062,766 of the total 1,613,335 live births. But 33.3% of the total live births were handled by unlicensed midwives. Of the 16 regions in the country, 7 regions show more than 50% of live births were attended by unlicensed midwives. These regions were

5,8,9,10,11,ARMM and Caraga. Only NCR and CAR had more than 50% of livebirths attended by a physician.

More male babies were born alive in 1999 than female babies. 52% of 1,613,335 live births were male and 48% were female. This means that for every 13 baby boys born alive, there corresponds 12 baby girls born alive.

Fertility is a demographic phenomenon which is very vital for setting population trend. The fertility of a country is measured in terms of total number of live births per 1,000 population over female population of child-bearing age (15-49 yrs.) The 1999 fertility rate of the country per 100 female population is 8.45 in reference to the total population of women in the 15-49 age group which is 19,089,654.

Table 8

**Frequency Distribution of Livebirths
By Sex, Region, Province and City
Philippines, 1999**

| Area | Both Sexes | Male | Female |
|----------------------|------------------|----------------|----------------|
| PHILIPPINES | 1,613,335 | 840,528 | 772,807 |
| N.C.R. | 286,571 | 150,252 | 136,319 |
| City of Manila | 49,917 | 26,263 | 23,654 |
| Manila, 2nd District | 3,152 | 1,697 | 1,455 |
| Mandaluyong City | 7,124 | 3,674 | 3,450 |
| Marikina City | 10,369 | 5,339 | 5,030 |
| Pasig City | 15,826 | 8,324 | 7,502 |
| Quezon City | 61,467 | 32,192 | 29,275 |
| Manila, 3rd District | 16,375 | 8,607 | 7,768 |
| Kalookan City | 33,150 | 17,278 | 15,872 |
| Valenzuela City | 14,380 | 7,683 | 6,697 |
| Manila, 4th District | 38,459 | 20,099 | 18,360 |
| Makati City | 13,392 | 7,066 | 6,326 |
| Parañaque City | 13,439 | 7,005 | 6,434 |
| Pasay City | 9,521 | 5,025 | 4,496 |
| C.A.R. | 30,497 | 15,772 | 14,725 |
| Abra | 3,947 | 2,035 | 1,912 |
| Apayao | 1,643 | 856 | 787 |
| Benguet | 8,096 | 4,151 | 3,945 |
| Ifugao | 3,093 | 1,612 | 1,481 |
| Kalinga | 2,793 | 1,432 | 1,361 |
| Mt. Province | 3,193 | 1,654 | 1,539 |
| Baguio City | 7,732 | 4,032 | 3,700 |
| REGION 1 | 94,047 | 48,754 | 45,293 |
| Ilocos Norte | 8,356 | 4,412 | 3,944 |
| Ilocos Sur | 11,855 | 6,148 | 5,707 |
| La Union | 12,251 | 6,336 | 5,915 |
| Pangasinan | 47,424 | 24,515 | 22,909 |
| Dagupan City | 4,379 | 2,255 | 2,124 |
| Laoag City | 1,882 | 971 | 911 |
| San Carlos City | 3,110 | 1,596 | 1,514 |
| Urdaneta City | 2,516 | 1,325 | 1,191 |
| San Fernando City | 2,274 | 1,196 | 1,078 |
| REGION 2 | 55,908 | 29,286 | 26,622 |
| Batanes | 348 | 180 | 168 |
| Cagayan | 20,482 | 10,687 | 9,795 |

Table 8

**Frequency Distribution of Livebirths
By Sex, Region, Province and City
Philippines, 1999**

| Area | Both Sexes | Male | Female |
|-----------------------|----------------|----------------|----------------|
| Isabela | 22,532 | 11,781 | 10,751 |
| Nueva Vizcaya | 7,511 | 3,988 | 3,523 |
| Quirino | 2,874 | 1,535 | 1,339 |
| Santiago City | 2,161 | 1,115 | 1,046 |
| REGION 3 | 183,681 | 95,624 | 88,057 |
| Bataan | 13,285 | 6,897 | 6,388 |
| Bulacan | 49,609 | 25,708 | 23,901 |
| Nueva Ecija | 25,561 | 13,214 | 12,347 |
| Pampanga | 38,961 | 20,307 | 18,654 |
| Tarlac | 17,692 | 9,270 | 8,422 |
| Zambales | 10,105 | 5,278 | 4,827 |
| Angeles City | 8,242 | 4,332 | 3,910 |
| Cabanatuan City | 5,092 | 2,693 | 2,399 |
| Olongapo City | 4,985 | 2,610 | 2,375 |
| Palayan City | 603 | 303 | 300 |
| San Jose City | 2,303 | 1,232 | 1,071 |
| Tarlac City | 7,243 | 3,780 | 3,463 |
| REGION 4 | 269,583 | 140,632 | 128,951 |
| Aurora | 3,997 | 2,066 | 1,931 |
| Batangas | 33,636 | 17,693 | 15,943 |
| Cavite | 44,493 | 23,165 | 21,328 |
| Laguna | 43,831 | 22,846 | 20,985 |
| Marinduque | 5,450 | 2,812 | 2,638 |
| Mindoro Occidental | 6,744 | 3,453 | 3,291 |
| Mindoro Oriental | 10,792 | 5,603 | 5,189 |
| Palawan | 9,231 | 4,895 | 4,336 |
| Quezon | 31,757 | 16,448 | 15,309 |
| Rizal | 29,191 | 15,289 | 13,902 |
| Romblon | 5,942 | 3,090 | 2,852 |
| Antipolo City | 12,647 | 6,688 | 5,959 |
| Batangas City | 6,292 | 3,218 | 3,074 |
| Calapan City | 2,419 | 1,227 | 1,192 |
| Cavite City | 2,499 | 1,260 | 1,239 |
| Lipa City | 5,850 | 3,134 | 2,716 |
| Lucena City | 4,478 | 2,343 | 2,135 |
| Puerto Princessa City | 3,064 | 1,636 | 1,428 |
| San Pablo City | 5,246 | 2,732 | 2,514 |
| Tagaytay City | 888 | 479 | 409 |
| Trece Martires City | 1,136 | 555 | 581 |

Table 8

**Frequency Distribution of Livebirths
By Sex, Region, Province and City
Philippines, 1999**

| Area | Both Sexes | Male | Female |
|-------------------|----------------|---------------|---------------|
| REGION 5 | 107,698 | 56,014 | 51,684 |
| Albay | 24,165 | 12,585 | 11,580 |
| Camarines Norte | 10,646 | 5,527 | 5,119 |
| Camarines Sur | 31,366 | 16,254 | 15,112 |
| Catanduanes | 5,125 | 2,709 | 2,416 |
| Masbate | 10,661 | 5,460 | 5,201 |
| Sorsogon | 15,656 | 8,158 | 7,498 |
| Iriga City | 2,369 | 1,228 | 1,141 |
| Legaspi City | 3,734 | 1,948 | 1,786 |
| Naga City | 3,976 | 2,145 | 1,831 |
| REGION 6 | 109,434 | 56,977 | 52,457 |
| Aklan | 8,189 | 4,312 | 3,877 |
| Antique | 8,971 | 4,654 | 4,317 |
| Capiz | 8,537 | 4,382 | 4,155 |
| Iloilo | 26,328 | 13,743 | 12,585 |
| Negros Occidental | 20,909 | 10,890 | 10,019 |
| Guimaras | 2,268 | 1,220 | 1,048 |
| Bacolod City | 6,763 | 3,508 | 3,255 |
| Bago City | 1,876 | 954 | 922 |
| Cadiz City | 2,590 | 1,353 | 1,237 |
| Iloilo City | 7,969 | 4,154 | 3,815 |
| La Carlota City | 799 | 433 | 366 |
| Passi City | 1,197 | 646 | 551 |
| Roxas City | 3,002 | 1,535 | 1,467 |
| Sagay City | 2,453 | 1,282 | 1,171 |
| San Carlos City | 2,831 | 1,438 | 1,393 |
| Silay City | 2,109 | 1,120 | 989 |
| Talisay City | 1,325 | 671 | 654 |
| Victorias City | 1,318 | 682 | 636 |
| REGION 7 | 140,385 | 73,053 | 67,332 |
| Bohol | 23,806 | 12,360 | 11,446 |
| Cebu | 47,710 | 25,063 | 22,647 |
| Negros Oriental | 18,186 | 9,460 | 8,726 |
| Siquijor | 1,619 | 792 | 827 |
| Bais City | 1,244 | 618 | 626 |
| Canlaon City | 905 | 456 | 449 |
| Cebu City | 21,171 | 10,992 | 10,179 |

Table 8

**Frequency Distribution of Livebirths
By Sex, Region, Province and City
Philippines, 1999**

| Area | Both Sexes | Male | Female |
|---------------------|---------------|---------------|---------------|
| Danao City | 2,827 | 1,439 | 1,388 |
| Dumaguete City | 2,226 | 1,139 | 1,087 |
| Lapu-Lapu City | 7,796 | 4,068 | 3,728 |
| Mandawe City | 7,475 | 3,893 | 3,582 |
| Tagbilaran City | 1,867 | 960 | 907 |
| Toledo City | 3,553 | 1,813 | 1,740 |
| REGION 8 | 55,862 | 29,084 | 26,778 |
| Leyte del Norte | 23,414 | 12,116 | 11,298 |
| Leyte del Sur | 7,620 | 3,943 | 3,677 |
| Eastern Samar | 3,989 | 2,082 | 1,907 |
| Northern Samar | 5,513 | 2,941 | 2,572 |
| Western Samar | 3,565 | 1,935 | 1,630 |
| Biliran | 2,531 | 1,301 | 1,230 |
| Calbayog City | 2,027 | 1,072 | 955 |
| Ormoc City | 3,437 | 1,743 | 1,694 |
| Tacloban City | 3,766 | 1,951 | 1,815 |
| REGION 9 | 50,908 | 26,262 | 24,646 |
| Basilan | 1,398 | 716 | 682 |
| Zamboanga del Norte | 10,322 | 5,337 | 4,985 |
| Zamboanga del Sur | 19,064 | 9,796 | 9,268 |
| Dapitan City | 1,529 | 807 | 722 |
| Dipolog City | 2,220 | 1,146 | 1,074 |
| Pagadian City | 3,403 | 1,769 | 1,634 |
| Zamboanga City | 12,972 | 6,691 | 6,281 |
| REGION 10 | 53,056 | 27,537 | 25,519 |
| Bukidnon | 14,708 | 7,530 | 7,178 |
| Camiguin | 1,789 | 946 | 843 |
| Misamis Occidental | 4,960 | 2,548 | 2,412 |
| Misamis Oriental | 10,635 | 5,511 | 5,124 |
| Cagayan de Oro City | 11,823 | 6,249 | 5,574 |
| Gingoog City | 2,313 | 1,216 | 1,097 |
| Malaybalay City | 2,640 | 1,382 | 1,258 |
| Oroquieta City | 1,238 | 616 | 622 |
| Ozamis City | 1,902 | 983 | 919 |
| Tangub City | 1,048 | 556 | 492 |

Table 8

**Frequency Distribution of Livebirths
By Sex, Region, Province and City
Philippines, 1999**

| Area | Both Sexes | Male | Female |
|-----------------------------|---------------|---------------|---------------|
| REGION 11 | 92,448 | 47,906 | 44,542 |
| Campostella Valley | 10,295 | 5,390 | 4,905 |
| Cotabato South | 9,772 | 5,018 | 4,754 |
| Davao Oriental | 7,186 | 3,687 | 3,499 |
| Davao del Norte | 9,430 | 4,917 | 4,513 |
| Davao del Sur | 11,123 | 5,804 | 5,319 |
| Sarangani | 5,499 | 2,889 | 2,610 |
| Davao City | 25,668 | 13,291 | 12,377 |
| Gen. Santos City | 8,373 | 4,258 | 4,115 |
| Island Garden City of Samal | 1,446 | 769 | 677 |
| Tagum City | 3,656 | 1,883 | 1,773 |
| REGION 12 | 40,863 | 21,379 | 19,484 |
| Lanao del Norte | 7,200 | 3,774 | 3,426 |
| North Cotabato | 13,292 | 6,928 | 6,364 |
| Sultan Kudarat | 7,621 | 3,948 | 3,673 |
| Cotabato City | 2,940 | 1,540 | 1,400 |
| Iligan City | 6,420 | 3,432 | 2,988 |
| Kidapawan City | 2,207 | 1,144 | 1,063 |
| Marawi City | 1,183 | 613 | 570 |
| CARAGA REGION | 34,985 | 18,136 | 16,849 |
| Agusan del Norte | 5,293 | 2,800 | 2,493 |
| Agusan del Sur | 8,379 | 4,391 | 3,988 |
| Surigao del Norte | 5,643 | 2,931 | 2,712 |
| Surigao del Sur | 7,678 | 3,933 | 3,745 |
| Butuan City | 5,724 | 2,927 | 2,797 |
| Surigao City | 2,268 | 1,154 | 1,114 |
| A.R.M.M. | 7,287 | 3,801 | 3,486 |
| Lanao del Sur | 1,377 | 726 | 651 |
| Maguindanao | 3,876 | 2,008 | 1,868 |
| Sulu | 1,360 | 710 | 650 |
| Tawi-Tawi | 674 | 357 | 317 |
| FOREIGN COUNTRIES* | 122 | 59 | 63 |

*This refers to children born of/births of foreign women nationals in the country

Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|----------------------|---------------------|---------------------|---------------|----------------|-----------------------|---------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| PHILIPPINES | 1,613,335 | 625,374 | 15,237 | 422,155 | 537,182 | 12,006 | 1,381 |
| N.C.R. | 286,571 | 185,933 | 2,013 | 68,542 | 29,253 | 658 | 172 |
| City of Manila | 49,917 | 39,229 | 104 | 9,681 | 888 | 11 | 4 |
| Manila, 2nd District | 3,152 | 2,332 | 16 | 723 | 80 | 1 | - |
| Mandaluyong City | 7,124 | 5,262 | 62 | 1,359 | 433 | 2 | 6 |
| Marikina City | 10,369 | 6,859 | 122 | 2,409 | 970 | 6 | 3 |
| Pasig City | 15,826 | 10,393 | 30 | 3,810 | 1,585 | 5 | 3 |
| Quezon City | 61,467 | 40,519 | 404 | 13,659 | 6,550 | 247 | 88 |
| Manila, 3rd District | 16,375 | 9,947 | 231 | 4,042 | 2,063 | 88 | 4 |
| Kalookan City | 33,150 | 18,138 | 129 | 8,415 | 6,353 | 99 | 16 |
| Valenzuela City | 14,380 | 8,147 | 212 | 4,445 | 1,533 | 35 | 8 |
| Manila, 4th District | 38,459 | 19,672 | 349 | 12,564 | 5,826 | 33 | 15 |
| Makati City | 13,392 | 9,586 | 136 | 3,362 | 291 | 16 | 1 |
| Parañaque City | 13,439 | 8,340 | 191 | 2,803 | 2,070 | 14 | 21 |
| Pasay City | 9,521 | 7,509 | 27 | 1,270 | 611 | 101 | 3 |
| C.A.R. | 30,497 | 15,556 | 589 | 4,317 | 4,071 | 5,276 | 688 |
| Abra | 3,947 | 915 | 151 | 971 | 1,761 | 116 | 33 |
| Apayao | 1,643 | 248 | 24 | 515 | 687 | 155 | 14 |
| Benguet | 8,096 | 4,150 | 67 | 1,115 | 207 | 2,365 | 192 |
| Ifugao | 3,093 | 774 | 223 | 479 | 325 | 970 | 322 |
| Kalinga | 2,793 | 820 | 41 | 662 | 656 | 561 | 53 |
| Mt. Province | 3,193 | 941 | 83 | 565 | 427 | 1,103 | 74 |
| Baguio City | 7,732 | 7,708 | - | 10 | 8 | 6 | - |
| REGION 1 | 94,047 | 31,218 | 1,148 | 39,450 | 21,602 | 601 | 28 |
| Ilocos Norte | 8,356 | 2,859 | 88 | 4,540 | 804 | 60 | 5 |
| Ilocos Sur | 11,855 | 3,195 | 156 | 5,143 | 3,195 | 151 | 15 |
| La Union | 12,251 | 5,064 | 68 | 4,303 | 2,594 | 222 | - |
| Pangasinan | 47,424 | 11,557 | 718 | 21,828 | 13,155 | 161 | 5 |
| Dagupan City | 4,379 | 3,954 | 7 | 261 | 155 | 1 | 1 |
| Laoag City | 1,882 | 940 | 71 | 589 | 278 | 4 | - |
| San Carlos City | 3,110 | 1,340 | 3 | 899 | 868 | - | - |
| San Fernando City | 2,274 | 1,405 | 17 | 753 | 98 | 1 | - |
| Urdaneta City | 2,516 | 904 | 20 | 1,134 | 455 | 1 | 2 |
| REGION 2 | 55,908 | 11,136 | 479 | 16,516 | 26,177 | 1,531 | 69 |
| Batanes | 348 | 146 | 26 | 161 | 15 | - | - |

Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|-----------------------|---------------------|---------------------|--------------|---------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Cagayan | 20,482 | 3,886 | 210 | 4,258 | 12,061 | 54 | 13 |
| Isabela | 22,532 | 3,898 | 151 | 8,579 | 9,698 | 178 | 28 |
| Nueva Vizcaya | 7,511 | 2,291 | 65 | 1,797 | 2,297 | 1,038 | 23 |
| Quirino | 2,874 | 375 | 12 | 741 | 1,485 | 259 | 2 |
| Santiago City | 2,161 | 540 | 15 | 980 | 621 | 2 | 3 |
| REGION 3 | 183,681 | 89,215 | 1,916 | 65,528 | 26,774 | 173 | 75 |
| Bataan | 13,285 | 6,502 | 64 | 5,778 | 932 | 8 | 1 |
| Bulacan | 49,609 | 23,106 | 279 | 19,916 | 6,275 | 29 | 4 |
| Nueva Ecija | 25,561 | 7,976 | 361 | 10,885 | 6,309 | 24 | 6 |
| Pampanga | 38,961 | 26,500 | 210 | 9,209 | 2,979 | 5 | 58 |
| Tarlac | 17,692 | 6,908 | 268 | 7,267 | 3,172 | 72 | 5 |
| Zambales | 10,105 | 3,724 | 128 | 3,555 | 2,677 | 20 | 1 |
| Angeles City | 8,242 | 3,350 | 136 | 4,126 | 628 | 2 | - |
| Cabanatuan City | 5,092 | 3,918 | 19 | 432 | 718 | 5 | - |
| Olongapo City | 4,985 | 2,307 | 35 | 1,771 | 871 | 1 | - |
| Palayan City | 603 | 222 | 4 | 112 | 265 | - | - |
| San Jose City | 2,303 | 667 | 227 | 904 | 501 | 4 | - |
| Tarlac City | 7,243 | 4,035 | 185 | 1,573 | 1,447 | 3 | - |
| REGION 4 | 269,583 | 99,678 | 2,531 | 74,378 | 92,027 | 878 | 91 |
| Aurora | 3,997 | 759 | 40 | 454 | 2,724 | 20 | - |
| Batangas | 33,636 | 10,248 | 284 | 10,995 | 12,071 | 11 | 27 |
| Cavite | 44,493 | 21,052 | 423 | 15,762 | 7,195 | 60 | 1 |
| Laguna | 43,831 | 18,693 | 298 | 16,203 | 8,433 | 194 | 10 |
| Marinduque | 5,450 | 690 | 47 | 1,120 | 3,539 | 53 | 1 |
| Mindoro Occidental | 6,744 | 849 | 113 | 1,090 | 4,622 | 69 | 1 |
| Mindoro Oriental | 10,792 | 1,016 | 116 | 996 | 8,637 | 25 | 2 |
| Palawan | 9,231 | 712 | 221 | 1,499 | 6,723 | 75 | 1 |
| Quezon | 31,757 | 7,618 | 335 | 6,380 | 17,308 | 89 | 27 |
| Rizal | 29,191 | 14,666 | 154 | 10,346 | 3,904 | 121 | - |
| Romblon | 5,942 | 1,549 | 72 | 1,238 | 3,083 | - | - |
| Antipolo City | 12,647 | 6,073 | 35 | 3,079 | 3,323 | 137 | - |
| Batangas City | 6,292 | 3,106 | 36 | 1,144 | 1,999 | 5 | 2 |
| Calapan City | 2,419 | 979 | 1 | 88 | 1,351 | - | - |
| Cavite City | 2,499 | 1,968 | - | 204 | 324 | - | 3 |
| Lipa City | 5,850 | 2,471 | 21 | 1,139 | 2,208 | - | 11 |
| Lucena City | 4,478 | 2,663 | 23 | 227 | 1,559 | 2 | 4 |
| Puerto Princessa City | 3,064 | 1,342 | 84 | 447 | 1,180 | 11 | - |
| San Pablo City | 5,246 | 2,253 | 209 | 1,515 | 1,267 | 1 | 1 |

Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|---------------------|---------------------|---------------------|--------------|---------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Tagaytay City | 888 | 305 | 8 | 224 | 351 | - | - |
| Trece Martires City | 1,136 | 666 | 11 | 228 | 226 | 5 | - |
| REGION 5 | 107,698 | 19,127 | 1,574 | 21,690 | 65,038 | 247 | 22 |
| Albay | 24,165 | 3,035 | 197 | 5,005 | 15,784 | 141 | 3 |
| Camarines Norte | 10,646 | 1,097 | 788 | 2,758 | 5,971 | 28 | 4 |
| Camarines Sur | 31,366 | 4,736 | 289 | 6,341 | 19,966 | 28 | 6 |
| Catanduanes | 5,125 | 1,664 | 43 | 745 | 2,661 | 11 | 1 |
| Masbate | 10,661 | 1,060 | 22 | 1,529 | 8,029 | 19 | 2 |
| Sorsogon | 15,656 | 3,768 | 88 | 2,754 | 9,032 | 11 | 3 |
| Iriga City | 2,369 | 366 | 22 | 1,055 | 923 | 2 | 1 |
| Legaspi City | 3,734 | 1,293 | 66 | 896 | 1,470 | 7 | 2 |
| Naga City | 3,976 | 2,108 | 59 | 607 | 1,202 | - | - |
| REGION 6 | 109,434 | 38,735 | 765 | 19,602 | 49,937 | 354 | 41 |
| Aklan | 8,189 | 2,326 | 47 | 1,982 | 3,819 | 15 | - |
| Antique | 8,971 | 1,906 | 38 | 1,902 | 5,084 | 40 | 1 |
| Capiz | 8,537 | 1,705 | 23 | 1,374 | 5,429 | 6 | - |
| Iloilo | 26,328 | 9,258 | 195 | 4,931 | 11,864 | 63 | 17 |
| Negros Occidental | 20,909 | 4,321 | 126 | 5,235 | 11,029 | 192 | 6 |
| Guimaras | 2,268 | 693 | 3 | 212 | 1,353 | 6 | 1 |
| Bacolod City | 6,763 | 5,652 | 8 | 283 | 818 | 2 | - |
| Bago City | 1,876 | 663 | 9 | 733 | 469 | 2 | - |
| Cadiz City | 2,590 | 831 | - | 70 | 1,688 | 1 | - |
| Iloilo City | 7,969 | 5,826 | 104 | 747 | 1,276 | - | 16 |
| La Carlota City | 799 | 343 | 1 | 121 | 332 | 2 | - |
| Passi City | 1,197 | 410 | - | 224 | 563 | - | - |
| Roxas City | 3,002 | 902 | 42 | 607 | 1,448 | 3 | - |
| Sagay City | 2,453 | 528 | 4 | 308 | 1,611 | 2 | - |
| San Carlos City | 2,831 | 313 | 153 | 385 | 1,966 | 14 | - |
| Silay City | 2,109 | 1,556 | 2 | 112 | 435 | 4 | - |
| Talisay City | 1,325 | 890 | 4 | 66 | 364 | 1 | - |
| Victorias City | 1,318 | 612 | 6 | 310 | 389 | 1 | - |
| REGION 7 | 140,385 | 46,428 | 1,468 | 44,845 | 46,807 | 757 | 80 |
| Bohol | 23,806 | 4,375 | 158 | 11,026 | 8,215 | 28 | 4 |
| Cebu | 47,710 | 11,063 | 765 | 17,620 | 18,076 | 122 | 64 |
| Negros Oriental | 18,186 | 3,507 | 58 | 4,023 | 10,376 | 215 | 7 |
| Siquijor | 1,619 | 450 | 2 | 1,096 | 71 | - | - |
| Bais City | 1,244 | 314 | 6 | 117 | 805 | 2 | - |

Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|---------------------|---------------------|---------------------|------------|---------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Canlaon City | 905 | 137 | 1 | 124 | 641 | 2 | - |
| Cebu City | 21,171 | 13,909 | 153 | 3,965 | 2,826 | 316 | 2 |
| Danao City | 2,827 | 1,194 | 9 | 811 | 799 | 13 | 1 |
| Dumaguete City | 2,226 | 1,885 | 5 | 73 | 254 | 9 | - |
| Lapu-Lapu City | 7,796 | 3,050 | 224 | 2,588 | 1,921 | 11 | 2 |
| Mandawe City | 7,475 | 3,391 | 29 | 2,734 | 1,283 | 38 | - |
| Tagbilaran City | 1,867 | 1,460 | 7 | 392 | 7 | 1 | - |
| Toledo City | 3,553 | 1,693 | 51 | 276 | 1,533 | - | - |
| REGION 8 | 55,862 | 15,976 | 459 | 10,358 | 28,814 | 220 | 35 |
| Leyte del Norte | 23,414 | 5,743 | 195 | 5,677 | 11,593 | 204 | 2 |
| Leyte del Sur | 7,620 | 2,539 | 94 | 1,604 | 3,377 | 3 | 3 |
| Eastern Samar | 3,989 | 849 | 37 | 766 | 2,332 | 5 | - |
| Northern Samar | 5,513 | 1,051 | 11 | 805 | 3,632 | 4 | 10 |
| Western Samar | 3,565 | 806 | 31 | 659 | 2,067 | 1 | 1 |
| Biliran | 2,531 | 426 | 7 | 215 | 1,883 | - | - |
| Calbayog City | 2,027 | 712 | 4 | 103 | 1,207 | - | 1 |
| Ormoc City | 3,437 | 1,351 | 71 | 305 | 1,709 | 1 | - |
| Tacloban City | 3,766 | 2,499 | 9 | 224 | 1,014 | 2 | 18 |
| REGION 9 | 50,908 | 11,250 | 827 | 12,827 | 25,623 | 362 | 19 |
| Basilan | 1,398 | 236 | 7 | 143 | 1,012 | - | - |
| Zamboanga del Norte | 10,322 | 1,420 | 89 | 2,911 | 5,829 | 68 | 5 |
| Zamboanga del Sur | 19,064 | 1,444 | 358 | 4,607 | 12,384 | 266 | 5 |
| Dapitan City | 1,529 | 635 | 3 | 392 | 497 | 2 | - |
| Dipolog City | 2,220 | 1,111 | 7 | 481 | 621 | - | - |
| Pagadian City | 3,403 | 847 | 7 | 558 | 1,990 | 1 | - |
| Zamboanga City | 12,972 | 5,557 | 356 | 3,735 | 3,290 | 25 | 9 |
| REGION 10 | 53,056 | 14,321 | 306 | 9,524 | 28,769 | 118 | 18 |
| Bukidnon | 14,708 | 2,259 | 96 | 2,355 | 9,964 | 30 | 4 |
| Camiguin | 1,789 | 500 | 26 | 917 | 345 | 1 | - |
| Misamis Occidental | 4,960 | 990 | 11 | 1,062 | 2,893 | 2 | 2 |
| Misamis Oriental | 10,635 | 1,502 | 55 | 2,839 | 6,177 | 60 | 2 |
| Cagayan de Oro | 11,823 | 6,090 | 85 | 1,432 | 4,183 | 24 | 9 |
| Gingoog City | 2,313 | 551 | 22 | 314 | 1,426 | - | - |
| Malaybalay City | 2,640 | 736 | 3 | 190 | 1,710 | - | 1 |
| Oroquieta City | 1,238 | 504 | 2 | 209 | 522 | 1 | - |
| Ozamis City | 1,902 | 975 | 4 | 56 | 867 | - | - |
| Tangub City | 1,048 | 214 | 2 | 150 | 682 | - | - |

Table 9

**Frequency Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| AREA | Total Livebirths | Births Attended by: | | | | | |
|-----------------------------|---------------------|---------------------|------------|---------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| REGION 11 | 92,448 | 28,481 | 662 | 16,145 | 46,504 | 627 | 29 |
| Campostella Valley | 10,295 | 1,602 | 48 | 1,725 | 6,897 | 21 | 2 |
| Cotabato South | 9,772 | 2,121 | 44 | 2,720 | 4,809 | 71 | 7 |
| Davao Oriental | 7,186 | 1,366 | 9 | 1,010 | 4,791 | 9 | 1 |
| Davao del Norte | 9,430 | 2,436 | 12 | 1,379 | 5,578 | 17 | 8 |
| Davao del Sur | 11,123 | 2,359 | 65 | 1,395 | 7,271 | 33 | - |
| Sarangani | 5,499 | 361 | 35 | 768 | 4,294 | 36 | 5 |
| Davao City | 25,668 | 13,845 | 247 | 4,585 | 6,612 | 377 | 2 |
| Gen. Santos City | 8,373 | 2,331 | 179 | 1,794 | 4,011 | 54 | 4 |
| Island Garden City of Samal | 1,446 | 311 | 3 | 241 | 886 | 5 | - |
| Tagum City | 3,656 | 1,749 | 20 | 528 | 1,355 | 4 | - |
| REGION 12 | 40,863 | 9,169 | 166 | 12,052 | 19,308 | 158 | 10 |
| Lanao del Norte | 7,200 | 1,126 | 31 | 3,574 | 2,441 | 28 | - |
| North Cotabato | 13,292 | 1,430 | 41 | 2,865 | 8,881 | 71 | 4 |
| Sultan Kudarat | 7,621 | 979 | 33 | 2,661 | 3,891 | 57 | - |
| Cotabato City | 2,940 | 1,468 | 8 | 668 | 796 | - | - |
| Iligan City | 6,420 | 2,875 | 39 | 1,453 | 2,050 | 1 | 2 |
| Kidapawan City | 2,207 | 548 | 4 | 695 | 960 | - | - |
| Marawi City | 1,183 | 743 | 10 | 136 | 289 | 1 | 4 |
| CARAGA REGION | 34,985 | 7,331 | 271 | 5,135 | 22,209 | 36 | 3 |
| Agusan del Norte | 5,293 | 1,065 | 23 | 1,566 | 2,630 | 9 | - |
| Agusan del Sur | 8,379 | 909 | 18 | 1,145 | 6,295 | 12 | - |
| Surigao del Norte | 5,643 | 752 | 166 | 693 | 4,018 | 13 | 1 |
| Surigao del Sur | 7,678 | 1,341 | 30 | 1,326 | 4,979 | 1 | 1 |
| Butuan City | 5,724 | 2,283 | 29 | 332 | 3,079 | 1 | - |
| Surigao City | 2,268 | 981 | 5 | 73 | 1,208 | - | 1 |
| A.R.M.M. | 7,287 | 1,720 | 61 | 1,235 | 4,260 | 10 | 1 |
| Lanao del Sur | 1,377 | 541 | 16 | 72 | 748 | - | - |
| Maguindanao | 3,876 | 900 | 23 | 895 | 2,048 | 9 | 1 |
| Sulu | 1,360 | 179 | 13 | 92 | 1,075 | 1 | - |
| Tawi-Tawi | 674 | 100 | 9 | 176 | 389 | - | - |
| FOREIGN COUNTRIES | 122 | 100 | 2 | 11 | 9 | - | - |

Table 10

**Percent Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| Area | Total Livebirths | Births Attended by: | | | | | |
|----------------------|---------------------|---------------------|------------|-------------|-----------------------|-------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| PHILIPPINES | 1,613,335 | 38.8 | 0.9 | 26.2 | 33.3 | 0.7 | 0.1 |
| N.C.R. | 286,571 | 64.9 | 0.7 | 23.9 | 10.2 | 0.2 | 0.1 |
| City of Manila | 49,917 | 78.6 | 0.2 | 19.4 | 1.8 | 0.0 | 0.0 |
| Manila, 2nd District | 3,152 | 74.0 | 0.5 | 22.9 | 2.5 | 0.0 | 0.0 |
| Mandaluyong City | 7,124 | 73.9 | 0.9 | 19.1 | 6.1 | 0.0 | 0.1 |
| Marikina City | 10,369 | 66.1 | 1.2 | 23.2 | 9.4 | 0.1 | 0.0 |
| Pasig City | 15,826 | 65.7 | 0.2 | 24.1 | 10.0 | 0.0 | 0.0 |
| Quezon City | 61,467 | 65.9 | 0.7 | 22.2 | 10.7 | 0.4 | 0.1 |
| Manila, 3rd District | 16,375 | 60.7 | 1.4 | 24.7 | 12.6 | 0.5 | 0.0 |
| Kalookan City | 33,150 | 54.7 | 0.4 | 25.4 | 19.2 | 0.3 | 0.0 |
| Valenzuela City | 14,380 | 56.7 | 1.5 | 30.9 | 10.7 | 0.2 | 0.1 |
| Manila, 4th District | 38,459 | 51.2 | 0.9 | 32.7 | 15.1 | 0.1 | 0.0 |
| Makati City | 13,392 | 71.6 | 1.0 | 25.1 | 2.2 | 0.1 | 0.0 |
| Parañaque City | 13,439 | 62.1 | 1.4 | 20.9 | 15.4 | 0.1 | 0.2 |
| Pasay City | 9,521 | 78.9 | 0.3 | 13.3 | 6.4 | 1.1 | 0.0 |
| C.A.R. | 30,497 | 51.0 | 1.9 | 14.2 | 13.3 | 17.3 | 2.3 |
| Abra | 3,947 | 23.2 | 3.8 | 24.6 | 44.6 | 2.9 | 0.8 |
| Apayao | 1,643 | 15.1 | 1.5 | 31.3 | 41.8 | 9.4 | 0.9 |
| Benguet | 8,096 | 51.3 | 0.8 | 13.8 | 2.6 | 29.2 | 2.4 |
| Iligan City | 3,093 | 25.0 | 7.2 | 15.5 | 10.5 | 31.4 | 10.4 |
| Kalinga | 2,793 | 29.4 | 1.5 | 23.7 | 23.5 | 20.1 | 1.9 |
| Mt. Province | 3,193 | 29.5 | 2.6 | 17.7 | 13.4 | 34.5 | 2.3 |
| Baguio City | 7,732 | 99.7 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 |
| REGION 1 | 94,047 | 33.2 | 1.2 | 41.9 | 23.0 | 0.6 | 0.0 |
| Ilocos Norte | 8,356 | 34.2 | 1.1 | 54.3 | 9.6 | 0.7 | 0.1 |
| Ilocos Sur | 11,855 | 27.0 | 1.3 | 43.4 | 27.0 | 1.3 | 0.1 |
| La Union | 12,251 | 41.3 | 0.6 | 35.1 | 21.2 | 1.8 | 0.0 |
| Pangasinan | 47,424 | 24.4 | 1.5 | 46.0 | 27.7 | 0.3 | 0.0 |
| Dagupan City | 4,379 | 90.3 | 0.2 | 6.0 | 3.5 | 0.0 | 0.0 |
| Laoag City | 1,882 | 49.9 | 3.8 | 31.3 | 14.8 | 0.2 | 0.0 |
| San Carlos City | 3,110 | 43.1 | 0.1 | 28.9 | 27.9 | 0.0 | 0.0 |
| San Fernando City | 2,274 | 61.8 | 0.7 | 33.1 | 4.3 | 0.0 | 0.0 |
| Urduja City | 2,516 | 35.9 | 0.8 | 45.1 | 18.1 | 0.0 | 0.1 |
| REGION 2 | 55,908 | 19.9 | 0.9 | 29.5 | 46.8 | 2.7 | 0.1 |
| Batanes | 348 | 42.0 | 7.5 | 46.3 | 4.3 | 0.0 | 0.0 |

Table 10

**Percent Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| Area | Total Livebirths | Births Attended by: | | | | | |
|-----------------------|---------------------|---------------------|------------|-------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Cagayan | 20,482 | 19.0 | 1.0 | 20.8 | 58.9 | 0.3 | 0.1 |
| Isabela | 22,532 | 17.3 | 0.7 | 38.1 | 43.0 | 0.8 | 0.1 |
| Nueva Vizcaya | 7,511 | 30.5 | 0.9 | 23.9 | 30.6 | 13.8 | 0.3 |
| Quirino | 2,874 | 13.0 | 0.4 | 25.8 | 51.7 | 9.0 | 0.1 |
| Santiago City | 2,161 | 25.0 | 0.7 | 45.3 | 28.7 | 0.1 | 0.1 |
| REGION 3 | 183,681 | 48.6 | 1.0 | 35.7 | 14.6 | 0.1 | 0.0 |
| Bataan | 13,285 | 48.9 | 0.5 | 43.5 | 7.0 | 0.1 | 0.0 |
| Bulacan | 49,609 | 46.6 | 0.6 | 40.1 | 12.6 | 0.1 | 0.0 |
| Nueva Ecija | 25,561 | 31.2 | 1.4 | 42.6 | 24.7 | 0.1 | 0.0 |
| Pampanga | 38,961 | 68.0 | 0.5 | 23.6 | 7.6 | 0.0 | 0.1 |
| Tarlac | 17,692 | 39.0 | 1.5 | 41.1 | 17.9 | 0.4 | 0.0 |
| Zambales | 10,105 | 36.9 | 1.3 | 35.2 | 26.5 | 0.2 | 0.0 |
| Angeles City | 8,242 | 40.6 | 1.7 | 50.1 | 7.6 | 0.0 | 0.0 |
| Cabanatuan City | 5,092 | 76.9 | 0.4 | 8.5 | 14.1 | 0.1 | 0.0 |
| Olongapo City | 4,985 | 46.3 | 0.7 | 35.5 | 17.5 | 0.0 | 0.0 |
| Palayan City | 603 | 36.8 | 0.7 | 18.6 | 43.9 | 0.0 | 0.0 |
| San Jose City | 2,303 | 29.0 | 9.9 | 39.3 | 21.8 | 0.2 | 0.0 |
| Tarlac City | 7,243 | 55.7 | 2.6 | 21.7 | 20.0 | 0.0 | 0.0 |
| REGION 4 | 269,583 | 37.0 | 0.9 | 27.6 | 34.1 | 0.3 | 0.0 |
| Aurora | 3,997 | 19.0 | 1.0 | 11.4 | 68.2 | 0.5 | 0.0 |
| Batangas | 33,636 | 30.5 | 0.8 | 32.7 | 35.9 | 0.0 | 0.1 |
| Cavite | 44,493 | 47.3 | 1.0 | 35.4 | 16.2 | 0.1 | 0.0 |
| Laguna | 43,831 | 42.6 | 0.7 | 37.0 | 19.2 | 0.4 | 0.0 |
| Marinduque | 5,450 | 12.7 | 0.9 | 20.6 | 64.9 | 1.0 | 0.0 |
| Mindoro Occidental | 6,744 | 12.6 | 1.7 | 16.2 | 68.5 | 1.0 | 0.0 |
| Mindoro Oriental | 10,792 | 9.4 | 1.1 | 9.2 | 80.0 | 0.2 | 0.0 |
| Palawan | 9,231 | 7.7 | 2.4 | 16.2 | 72.8 | 0.8 | 0.0 |
| Quezon | 31,757 | 24.0 | 1.1 | 20.1 | 54.5 | 0.3 | 0.1 |
| Rizal | 29,191 | 50.2 | 0.5 | 35.4 | 13.4 | 0.4 | 0.0 |
| Romblon | 5,942 | 26.1 | 1.2 | 20.8 | 51.9 | 0.0 | 0.0 |
| Antipolo City | 12,647 | 48.0 | 0.3 | 24.3 | 26.3 | 1.1 | 0.0 |
| Batangas City | 6,292 | 49.4 | 0.6 | 18.2 | 31.8 | 0.1 | 0.0 |
| Calapan City | 2,419 | 40.5 | 0.0 | 3.6 | 55.8 | 0.0 | 0.0 |
| Cavite City | 2,499 | 78.8 | 0.0 | 8.2 | 13.0 | 0.0 | 0.1 |
| Lipa City | 5,850 | 42.2 | 0.4 | 19.5 | 37.7 | 0.0 | 0.2 |
| Lucena City | 4,478 | 59.5 | 0.5 | 5.1 | 34.8 | 0.0 | 0.1 |
| Puerto Princessa City | 3,064 | 43.8 | 2.7 | 14.6 | 38.5 | 0.4 | 0.0 |
| San Pablo City | 5,246 | 42.9 | 4.0 | 28.9 | 24.2 | 0.0 | 0.0 |

Table 10

**Percent Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| Area | Total Livebirths | Births Attended by: | | | | | |
|---------------------|---------------------|---------------------|------------|-------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Tagaytay City | 888 | 34.3 | 0.9 | 25.2 | 39.5 | 0.0 | 0.0 |
| Trece Martires City | 1,136 | 58.6 | 1.0 | 20.1 | 19.9 | 0.4 | 0.0 |
| REGION 5 | 107,698 | 17.8 | 1.5 | 20.1 | 60.4 | 0.2 | 0.0 |
| Albay | 24,165 | 12.6 | 0.8 | 20.7 | 65.3 | 0.6 | 0.0 |
| Camarines Norte | 10,646 | 10.3 | 7.4 | 25.9 | 56.1 | 0.3 | 0.0 |
| Camarines Sur | 31,366 | 15.1 | 0.9 | 20.2 | 63.7 | 0.1 | 0.0 |
| Catanduanes | 5,125 | 32.5 | 0.8 | 14.5 | 51.9 | 0.2 | 0.0 |
| Masbate | 10,661 | 9.9 | 0.2 | 14.3 | 75.3 | 0.2 | 0.0 |
| Sorsogon | 15,656 | 24.1 | 0.6 | 17.6 | 57.7 | 0.1 | 0.0 |
| Iriga City | 2,369 | 15.4 | 0.9 | 44.5 | 39.0 | 0.1 | 0.0 |
| Legaspi City | 3,734 | 34.6 | 1.8 | 24.0 | 39.4 | 0.2 | 0.1 |
| Naga City | 3,976 | 53.0 | 1.5 | 15.3 | 30.2 | 0.0 | 0.0 |
| REGION 6 | 109,434 | 35.4 | 0.7 | 17.9 | 45.6 | 0.3 | 0.0 |
| Aklan | 8,189 | 28.4 | 0.6 | 24.2 | 46.6 | 0.2 | 0.0 |
| Antique | 8,971 | 21.2 | 0.4 | 21.2 | 56.7 | 0.4 | 0.0 |
| Capiz | 8,537 | 20.0 | 0.3 | 16.1 | 63.6 | 0.1 | 0.0 |
| Iloilo | 26,328 | 35.2 | 0.7 | 18.7 | 45.1 | 0.2 | 0.1 |
| Negros Occidental | 20,909 | 20.7 | 0.6 | 25.0 | 52.7 | 0.9 | 0.0 |
| Guimaras | 2,268 | 30.6 | 0.1 | 9.3 | 59.7 | 0.3 | 0.0 |
| Bacolod City | 6,763 | 83.6 | 0.1 | 4.2 | 12.1 | 0.0 | 0.0 |
| Bago City | 1,876 | 35.3 | 0.5 | 39.1 | 25.0 | 0.1 | 0.0 |
| Cadiz City | 2,590 | 32.1 | 0.0 | 2.7 | 65.2 | 0.0 | 0.0 |
| Iloilo City | 7,969 | 73.1 | 1.3 | 9.4 | 16.0 | 0.0 | 0.2 |
| La Carlota City | 799 | 42.9 | 0.1 | 15.1 | 41.6 | 0.3 | 0.0 |
| Passi City | 1,197 | 34.3 | 0.0 | 18.7 | 47.0 | 0.0 | 0.0 |
| Roxas City | 3,002 | 30.0 | 1.4 | 20.2 | 48.2 | 0.1 | 0.0 |
| Sagay City | 2,453 | 21.5 | 0.2 | 12.6 | 65.7 | 0.1 | 0.0 |
| San Carlos City | 2,831 | 11.1 | 5.4 | 13.6 | 69.4 | 0.5 | 0.0 |
| Silay City | 2,109 | 73.8 | 0.1 | 5.3 | 20.6 | 0.2 | 0.0 |
| Talisay City | 1,325 | 67.2 | 0.3 | 5.0 | 27.5 | 0.1 | 0.0 |
| Victorias City | 1,318 | 46.4 | 0.5 | 23.5 | 29.5 | 0.1 | 0.0 |
| REGION 7 | 140,385 | 33.1 | 1.0 | 31.9 | 33.3 | 0.5 | 0.1 |
| Bohol | 23,806 | 18.4 | 0.7 | 46.3 | 34.5 | 0.1 | 0.0 |
| Cebu | 47,710 | 23.2 | 1.6 | 36.9 | 37.9 | 0.3 | 0.1 |
| Negros Oriental | 18,186 | 19.3 | 0.3 | 22.1 | 57.1 | 1.2 | 0.0 |
| Siquijor | 1,619 | 27.8 | 0.1 | 67.7 | 4.4 | 0.0 | 0.0 |
| Bais City | 1,244 | 25.2 | 0.5 | 9.4 | 64.7 | 0.2 | 0.0 |

Table 10

**Percent Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| Area | Total Livebirths | Births Attended by: | | | | | |
|---------------------|---------------------|---------------------|------------|-------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| Canlaon City | 905 | 15.1 | 0.1 | 13.7 | 70.8 | 0.2 | 0.0 |
| Cebu City | 21,171 | 65.7 | 0.7 | 18.7 | 13.3 | 1.5 | 0.0 |
| Danao City | 2,827 | 42.2 | 0.3 | 28.7 | 28.3 | 0.5 | 0.0 |
| Dumaguete City | 2,226 | 84.7 | 0.2 | 3.3 | 11.4 | 0.4 | 0.0 |
| Lapu-Lapu City | 7,796 | 39.1 | 2.9 | 33.2 | 24.6 | 0.1 | 0.0 |
| Mandawe City | 7,475 | 45.4 | 0.4 | 36.6 | 17.2 | 0.5 | 0.0 |
| Tagbilaran City | 1,867 | 78.2 | 0.4 | 21.0 | 0.4 | 0.1 | 0.0 |
| Toledo City | 3,553 | 47.6 | 1.4 | 7.8 | 43.1 | 0.0 | 0.0 |
| REGION 8 | 55,862 | 28.6 | 0.8 | 18.5 | 51.6 | 0.4 | 0.1 |
| Leyte del Norte | 23,414 | 24.5 | 0.8 | 24.2 | 49.5 | 0.9 | 0.0 |
| Leyte del Sur | 7,620 | 33.3 | 1.2 | 21.0 | 44.3 | 0.0 | 0.0 |
| Eastern Samar | 3,989 | 21.3 | 0.9 | 19.2 | 58.5 | 0.1 | 0.0 |
| Northern Samar | 5,513 | 19.1 | 0.2 | 14.6 | 65.9 | 0.1 | 0.2 |
| Western Samar | 3,565 | 22.6 | 0.9 | 18.5 | 58.0 | 0.0 | 0.0 |
| Biliran | 2,531 | 16.8 | 0.3 | 8.5 | 74.4 | 0.0 | 0.0 |
| Calbayog City | 2,027 | 35.1 | 0.2 | 5.1 | 59.5 | 0.0 | 0.0 |
| Ormoc City | 3,437 | 39.3 | 2.1 | 8.9 | 49.7 | 0.0 | 0.0 |
| Tacloban City | 3,766 | 66.4 | 0.2 | 5.9 | 26.9 | 0.1 | 0.5 |
| REGION 9 | 50,908 | 22.1 | 1.6 | 25.2 | 50.3 | 0.7 | 0.0 |
| Basilan | 1,398 | 16.9 | 0.5 | 10.2 | 72.4 | 0.0 | 0.0 |
| Zamboanga del Norte | 10,322 | 13.8 | 0.9 | 28.2 | 56.5 | 0.7 | 0.0 |
| Zamboanga del Sur | 19,064 | 7.6 | 1.9 | 24.2 | 65.0 | 1.4 | 0.0 |
| Dapitan City | 1,529 | 41.5 | 0.2 | 25.6 | 32.5 | 0.1 | 0.0 |
| Dipolog City | 2,220 | 50.0 | 0.3 | 21.7 | 28.0 | 0.0 | 0.0 |
| Pagadian City | 3,403 | 24.9 | 0.2 | 16.4 | 58.5 | 0.0 | 0.0 |
| Zamboanga City | 12,972 | 42.8 | 2.7 | 28.8 | 25.4 | 0.2 | 0.1 |
| REGION 10 | 53,056 | 27.0 | 0.6 | 18.0 | 54.2 | 0.2 | 0.0 |
| Bukidnon | 14,708 | 15.4 | 0.7 | 16.0 | 67.7 | 0.2 | 0.0 |
| Camiguin | 1,789 | 27.9 | 1.5 | 51.3 | 19.3 | 0.1 | 0.0 |
| Misamis Occidental | 4,960 | 20.0 | 0.2 | 21.4 | 58.3 | 0.0 | 0.0 |
| Misamis Oriental | 10,635 | 14.1 | 0.5 | 26.7 | 58.1 | 0.6 | 0.0 |
| Cagayan de Oro | 11,823 | 51.5 | 0.7 | 12.1 | 35.4 | 0.2 | 0.1 |
| Gingoog City | 2,313 | 23.8 | 1.0 | 13.6 | 61.7 | 0.0 | 0.0 |
| Malaybalay City | 2,640 | 27.9 | 0.1 | 7.2 | 64.8 | 0.0 | 0.0 |
| Oroquieta City | 1,238 | 40.7 | 0.2 | 16.9 | 42.2 | 0.1 | 0.0 |
| Ozamis City | 1,902 | 51.3 | 0.2 | 2.9 | 45.6 | 0.0 | 0.0 |
| Tangub City | 1,048 | 20.4 | 0.2 | 14.3 | 65.1 | 0.0 | 0.0 |

Table 10

**Percent Distribution of Livebirths
By Attendance, Region, Province & City
Philippines, 1999**

| Area | Total Livebirths | Births Attended by: | | | | | |
|-----------------------------|---------------------|---------------------|------------|-------------|-----------------------|------------|---------------|
| | | M.D. | Nurse | Midwife | Unlicensed Midwife | Others | Not Stated |
| REGION 11 | 92,448 | 30.8 | 0.7 | 17.5 | 50.3 | 0.7 | 0.0 |
| Campostella Valley | 10,295 | 15.6 | 0.5 | 16.8 | 67.0 | 0.2 | 0.0 |
| Cotabato South | 9,772 | 21.7 | 0.5 | 27.8 | 49.2 | 0.7 | 0.1 |
| Davao Oriental | 7,186 | 19.0 | 0.1 | 14.1 | 66.7 | 0.1 | 0.0 |
| Davao del Norte | 9,430 | 25.8 | 0.1 | 14.6 | 59.2 | 0.2 | 0.1 |
| Davao del Sur | 11,123 | 21.2 | 0.6 | 12.5 | 65.4 | 0.3 | 0.0 |
| Sarangani | 5,499 | 6.6 | 0.6 | 14.0 | 78.1 | 0.7 | 0.1 |
| Davao City | 25,668 | 53.9 | 1.0 | 17.9 | 25.8 | 1.5 | 0.0 |
| Gen. Santos City | 8,373 | 27.8 | 2.1 | 21.4 | 47.9 | 0.6 | 0.0 |
| Island Garden City of Samal | 1,446 | 21.5 | 0.2 | 16.7 | 61.3 | 0.3 | 0.0 |
| Tagum City | 3,656 | 47.8 | 0.5 | 14.4 | 37.1 | 0.1 | 0.0 |
| REGION 12 | 40,863 | 22.4 | 0.4 | 29.5 | 47.3 | 0.4 | 0.0 |
| Lanao del Norte | 7,200 | 15.6 | 0.4 | 49.6 | 33.9 | 0.4 | 0.0 |
| North Cotabato | 13,292 | 10.8 | 0.3 | 21.6 | 66.8 | 0.5 | 0.0 |
| Sultan Kudarat | 7,621 | 12.8 | 0.4 | 34.9 | 51.1 | 0.7 | 0.0 |
| Cotabato City | 2,940 | 49.9 | 0.3 | 22.7 | 27.1 | 0.0 | 0.0 |
| Iligan City | 6,420 | 44.8 | 0.6 | 22.6 | 31.9 | 0.0 | 0.0 |
| Kidapawan City | 2,207 | 24.8 | 0.2 | 31.5 | 43.5 | 0.0 | 0.0 |
| Marawi City | 1,183 | 62.8 | 0.8 | 11.5 | 24.4 | 0.1 | 0.3 |
| CARAGA REGION | 34,985 | 21.0 | 0.8 | 14.7 | 63.5 | 0.1 | 0.0 |
| Agusan del Norte | 5,293 | 20.1 | 0.4 | 29.6 | 49.7 | 0.2 | 0.0 |
| Agusan del Sur | 8,379 | 10.8 | 0.2 | 13.7 | 75.1 | 0.1 | 0.0 |
| Surigao del Norte | 5,643 | 13.3 | 2.9 | 12.3 | 71.2 | 0.2 | 0.0 |
| Surigao del Sur | 7,678 | 17.5 | 0.4 | 17.3 | 64.8 | 0.0 | 0.0 |
| Butuan City | 5,724 | 39.9 | 0.5 | 5.8 | 53.8 | 0.0 | 0.0 |
| Surigao City | 2,268 | 43.3 | 0.2 | 3.2 | 53.3 | 0.0 | 0.0 |
| A.R.M.M. | 7,287 | 23.6 | 0.8 | 16.9 | 58.5 | 0.1 | 0.0 |
| Lanao del Sur | 1,377 | 39.3 | 1.2 | 5.2 | 54.3 | 0.0 | 0.0 |
| Maguindanao | 3,876 | 23.2 | 0.6 | 23.1 | 52.8 | 0.2 | 0.0 |
| Sulu | 1,360 | 13.2 | 1.0 | 6.8 | 79.0 | 0.1 | 0.0 |
| Tawi-Tawi | 674 | 14.8 | 1.3 | 26.1 | 57.7 | 0.0 | 0.0 |
| FOREIGN COUNTRIES | 122 | 82.0 | 1.6 | 9.0 | 7.4 | 0.0 | 0.0 |

LIVEBIRTHS BY ATTENDANCE Philippines, 1999

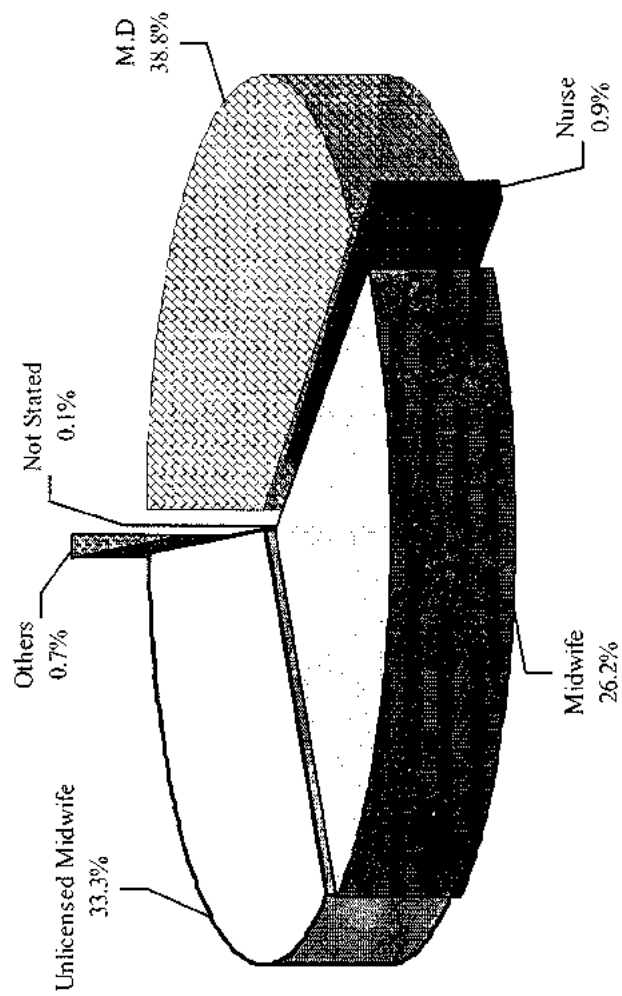


Figure 8

Table 11

**Number and Percent Distribution of Livebirths
By Age of Mother and Sex
Philippines, 1999**

| Age of Mother | Both Sexes | | Male | Female |
|-----------------|------------|-------|---------|---------|
| | Number | % | Number | Number |
| All Ages | 1,613,335 | 100.0 | 840,528 | 772,807 |
| Under 15 years | 673 | 0.04 | 348 | 325 |
| 15 - 19 years | 113,532 | 7.04 | 59,330 | 54,202 |
| 20 - 24 years | 450,797 | 27.94 | 235,305 | 215,492 |
| 25 - 29 years | 462,803 | 28.69 | 241,455 | 221,348 |
| 30 - 34 years | 324,516 | 20.11 | 168,702 | 155,814 |
| 35 - 39 years | 187,669 | 11.63 | 97,647 | 90,022 |
| 40 - 44 years | 62,051 | 3.85 | 32,015 | 30,036 |
| 45 - 49 years | 7,791 | 0.48 | 3,934 | 3,857 |
| 50 years & Over | 625 | 0.04 | 302 | 323 |
| Not Stated | 2,878 | 0.18 | 1,490 | 1,388 |

Table 12

Livebirths by Age of Mother & Number of Living Children
Philippines, 1999

| Age of Mother (In Years) | Total | Number of Living Children | | | | |
|-----------------------------|------------------|---------------------------|----------------|----------------|----------------|----------------|
| | | 1 | 2 | 3 | 4 | 5 |
| All Ages | 1,613,335 | 504,248 | 386,952 | 267,432 | 172,081 | 108,655 |
| Under 15 years | 673 | 582 | - | - | - | - |
| 15 - 19 years | 113,532 | 95,081 | 16,641 | 1,445 | 167 | 13 |
| 20 - 24 years | 450,797 | 223,487 | 151,042 | 57,712 | 14,593 | 2,863 |
| 25 - 29 years | 462,803 | 120,267 | 130,984 | 105,203 | 62,990 | 28,839 |
| 30 - 34 years | 324,516 | 45,055 | 62,758 | 67,782 | 56,677 | 41,502 |
| 35 - 39 years | 187,669 | 14,824 | 20,592 | 28,804 | 29,527 | 26,867 |
| 40 - 44 years | 62,051 | 3,499 | 3,757 | 5,451 | 7,015 | 7,492 |
| 45 - 49 years | 7,791 | 590 | 482 | 523 | 714 | 818 |
| 50 years & over | 625 | 74 | 72 | 74 | 73 | 53 |
| Not Stated | 2,878 | 789 | 624 | 438 | 325 | 208 |

| Age of Mother (In Years) | Number of Living Children | | | | | |
|-----------------------------|---------------------------|---------------|---------------|---------------|---------------|--------------|
| | 6 | 7 | 8 | 9 | 10 & Over | Not Stated |
| All Ages | 69,846 | 43,604 | 26,918 | 15,694 | 16,430 | 1,475 |
| Under 15 years | - | - | - | - | - | 91 |
| 15 - 19 years | - | - | - | - | - | 185 |
| 20 - 24 years | 568 | 134 | 34 | 17 | 21 | 326 |
| 25 - 29 years | 10,357 | 2,849 | 709 | 184 | 133 | 288 |
| 30 - 34 years | 27,229 | 14,237 | 6,024 | 2,100 | 889 | 263 |
| 35 - 39 years | 23,069 | 18,090 | 12,518 | 7,264 | 5,918 | 196 |
| 40 - 44 years | 7,620 | 7,293 | 6,649 | 5,388 | 7,814 | 73 |
| 45 - 49 years | 769 | 820 | 862 | 676 | 1,528 | 9 |
| 50 years & over | 63 | 69 | 49 | 26 | 72 | 0 |
| Not Stated | 171 | 112 | 73 | 39 | 55 | 44 |

LIVEBIRTHS BY AGE OF MOTHER AND SEX Philippines, 1999

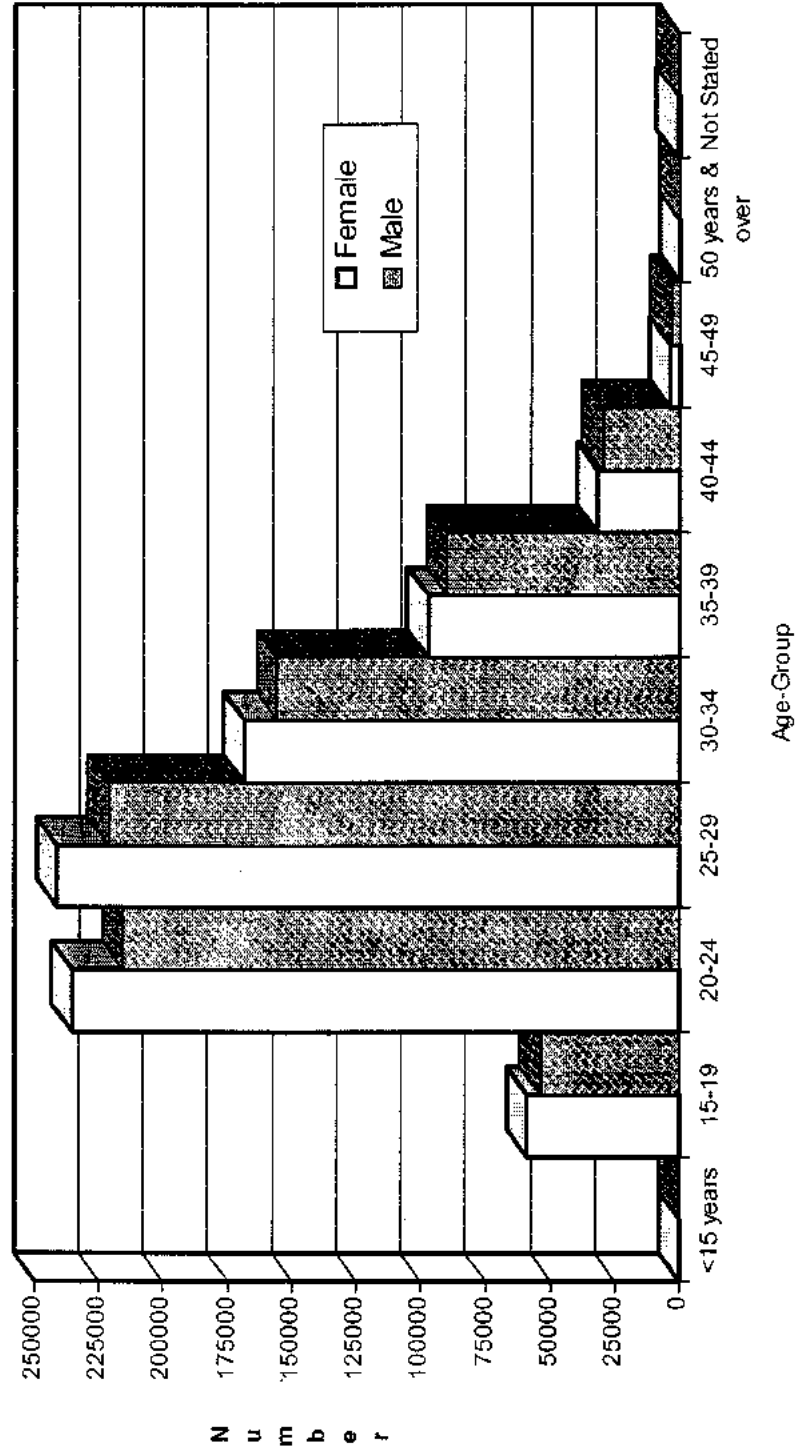


Figure 9

Table 13

**Livebirths by Age of Mother & Region
Philippines, 1999**

| AREA | Age of Mother | | | | | | | | | | |
|--------------------|------------------|------------|----------------|----------------|----------------|----------------|----------------|---------------|--------------|------------|--------------|
| | Total | Under 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50 & over | Not stated |
| Philippines | 1,613,335 | 673 | 113,532 | 450,797 | 462,803 | 324,516 | 187,669 | 62,051 | 7,791 | 625 | 2,878 |
| NCR | 286,571 | 111 | 21,519 | 83,933 | 87,469 | 57,439 | 28,005 | 6,856 | 742 | 88 | 409 |
| CAR | 30,497 | 8 | 2,190 | 8,294 | 8,425 | 6,160 | 3,619 | 1,285 | 201 | 14 | 301 |
| Region 1 | 94,047 | 26 | 6,919 | 26,514 | 26,626 | 18,598 | 10,910 | 3,771 | 451 | 46 | 186 |
| Region 2 | 55,908 | 18 | 4,509 | 17,130 | 15,569 | 10,105 | 6,074 | 2,086 | 292 | 26 | 99 |
| Region 3 | 183,681 | 58 | 14,188 | 55,805 | 53,991 | 35,342 | 18,041 | 5,276 | 625 | 52 | 303 |
| Region 4 | 269,583 | 115 | 19,438 | 77,571 | 77,927 | 53,725 | 29,631 | 9,584 | 1,126 | 107 | 359 |
| Region 5 | 107,698 | 44 | 5,879 | 27,614 | 29,561 | 22,816 | 14,898 | 5,876 | 839 | 57 | 114 |
| Region 6 | 109,434 | 34 | 5,227 | 25,611 | 30,723 | 24,581 | 16,150 | 6,069 | 803 | 41 | 195 |
| Region 7 | 140,385 | 67 | 10,134 | 38,530 | 39,335 | 27,828 | 17,404 | 6,050 | 690 | 42 | 305 |
| Region 8 | 55,862 | 29 | 3,860 | 14,294 | 15,229 | 11,533 | 7,541 | 2,762 | 321 | 22 | 271 |
| Region 9 | 50,908 | 28 | 3,540 | 13,508 | 14,197 | 10,402 | 6,569 | 2,247 | 265 | 17 | 135 |
| Region 10 | 53,056 | 38 | 3,581 | 14,615 | 14,600 | 10,516 | 6,735 | 2,496 | 365 | 34 | 76 |
| Region 11 | 92,448 | 60 | 7,202 | 25,883 | 25,900 | 18,153 | 10,949 | 3,761 | 472 | 26 | 42 |
| Region 12 | 40,863 | 22 | 2,903 | 11,180 | 11,366 | 8,090 | 5,125 | 1,825 | 295 | 24 | 33 |
| ARMM | 34,985 | 11 | 1,914 | 8,447 | 9,771 | 7,670 | 5,093 | 1,799 | 245 | 20 | 15 |
| CARAGA | 7,287 | 4 | 526 | 1,854 | 2,077 | 1,524 | 908 | 297 | 55 | 8 | 34 |
| Foreign Countries | 122 | 0 | 3 | 14 | 37 | 34 | 17 | 11 | 4 | 1 | 1 |

MORBIDITY AND NOTIFIABLE DISEASES STATISTICS

Morbidity Statistics is fundamental to obtain information on various aspects of illness in the population. It is essential to health agencies attempting to control disease, especially communicable diseases. The planning and evaluation of public health activities and facilities require knowledge of the extent of morbidity in the population.

The source of the Morbidity data presented in this report is the annual consolidation of weekly notifiable diseases reports received from all provincial and city health offices throughout the country. Notifiable diseases are diseases which by law demand compulsory notification. In this case, the Department of Health (DOH) mandates the reporting of these notifiable diseases by virtue of Republic Act 3573 or otherwise known as the Law on Reporting of Communicable Diseases. The DOH mandates the reporting of the following diseases preferably within 72 hours of occurrence of the case: AIDS/HIV Infection, Bronchitis, Cholera, Chickenpox, Dengue H-Fever, Diarrheas, Diphtheria, Diseases of the Heart, Filariasis, Viral Hepatitis, Influenza, Leprosy, Malaria, Malignant Neoplasms, Measles, Pneumonias, Poliomyelitis, Schistosomiasis, Syphilis, Gonorrhea, Tetanus Neonatorum, Non-Neonatal Tetanus, Typhoid and Paratyphoid, TB Respiratory, TB Meningitis, TB other forms, Whooping Cough, Hypertension, Rabies, Meningitis, Leptospirosis, Poisoning, Meningococcemia, and other diseases with unusual occurrence.

The Notifiable Disease Report is a tool to determine the occurrence of a disease in the locality. It serves as an alarming device for local health officials when to conduct epidemiological investigation because getting the trend of these diseases would indicate whether an outbreak is present in a certain area in the municipality. Thus, it identifies the vulnerable population and detect the real etiology of the outbreak, the sources and the mode of spread of the disease. Consequently, prevention and control measures can be instituted at an early stage.

Table 14 presents the 1999 ten (10) leading causes of morbidity. Diarrhea still tops the list with a total of 908,454 cases or a rate of 1215 per 100,000 population. Bronchitis (707,214; 959) and Pneumonia (693,334; 928) exchange ranks, from third and second, now second and third respectively. Influenza (514,198; 688), Hypertension (208,248; 279) and TB Respiratory (144,932; 194) remain the 4th, 5th and 6th most common illness. Followed by Malaria (68,155; 91); Diseases of the Heart (63,167; 84); Chickenpox (35,699; 48) and Typhoid and Paratyphoid Fever (17,675; 24).

The 1999 report of notifiable diseases (Tables 15 and 16) shows a large variations in morbidity rates by type of morbid conditions among regions. Pneumonia, Diarrhea, Bronchitis and Influenza are the leading morbidity diseases common to all regions. Pneumonia is the top cause of morbidity in regions NCR, 8, 10, and Caraga. Diarrhea is first in rank in regions CAR, 1,3,4,5,6,7 and 12. Influenza is highest in regions 9 and ARMM while Bronchitis is number one in region 2. These diseases usually occupy the first four ranks in the list of ten leading causes of morbidity across all regions.

Table 14

**MORBIDITY: Ten (10) Leading Causes
Number & Rate /100,000 Population
Philippines
5-Year Average (1994-1998) & 1999**

| Cause | 5 Year Average (1994-1998) | | 1999* | |
|---|-------------------------------|--------|---------|--------|
| | Number | Rate | Number | Rate |
| 1. Diarrheas (A09) | 1,011,522 | 1481.4 | 908,454 | 1215.4 |
| 2. Bronchitis/Bronchiolitis (J40) | 809,348 | 1189.7 | 717,214 | 959.5 |
| 3. Pneumonia (J12-J18) | 651,306 | 950.9 | 693,334 | 927.6 |
| 4. Influenza (J10-J11) | 657,769 | 964.0 | 514,198 | 687.9 |
| 5. Hypertension (I10-I13) ** | 158,992 | 217.2 | 208,248 | 278.6 |
| 6. TB Respiratory (A15-A16) *** | 145,389 | 207.2 | 144,932 | 193.9 |
| 7. Malaria (B50-B54) | 64,612 | 93.6 | 68,155 | 91.2 |
| 8. Diseases of the Heart (I00-I99) | 94,241 | 138.5 | 63,167 | 84.5 |
| 9. Chickenpox (B01) | 51,744 | 75.3 | 35,699 | 47.8 |
| 10. Typhoid and Paratyphoid Fever (A01) | 16,543 | 24.1 | 17,675 | 23.6 |

* reference year

** included in the list of notifiable diseases since 1998 only

*** included in the list of notifiable diseases since 1996 only

MORBIDITY : TEN (10) LEADING CAUSES

5-Year Average

Rate / 100,000 Population

Philippines, 1999

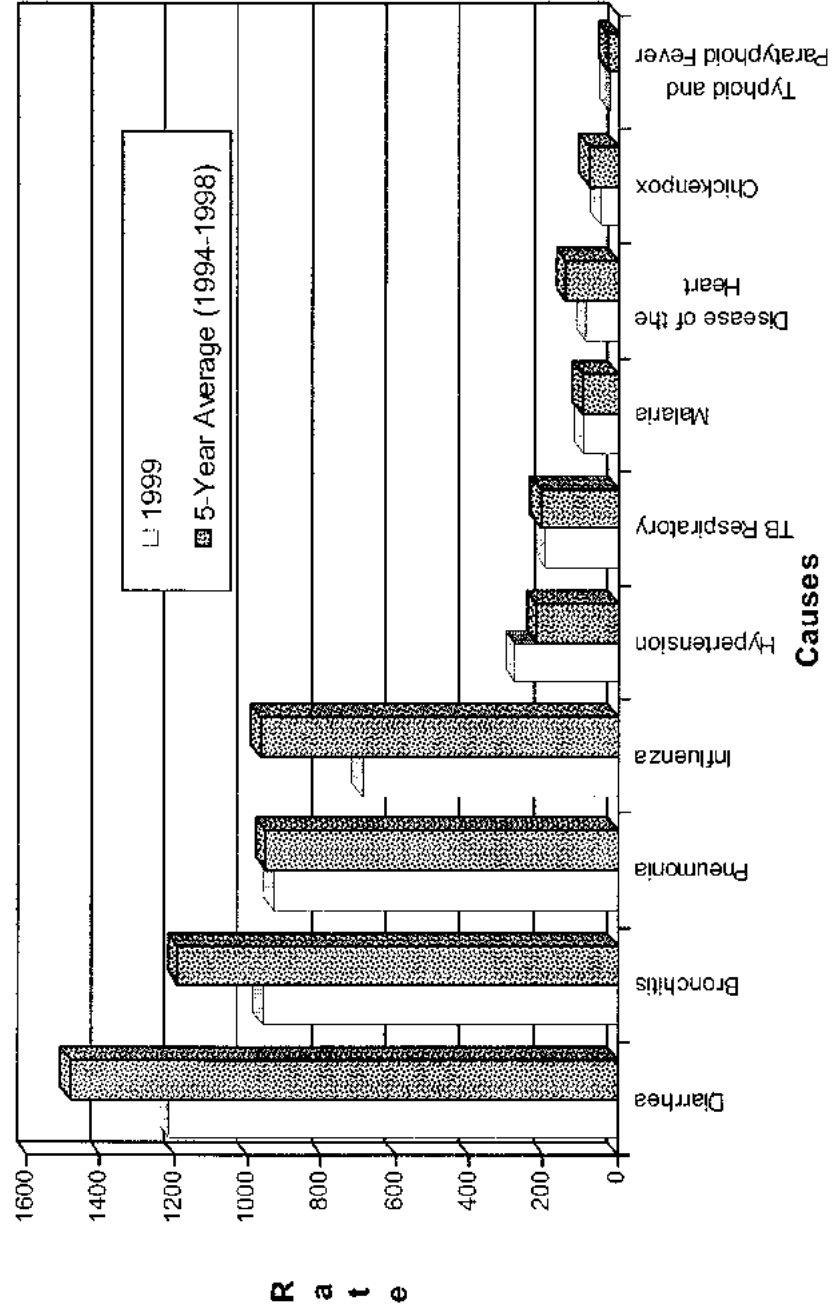


Figure 10

Table 17

Notifiable Diseases: Reported Cases & Deaths
Number & Rate/100,000 Population
Philippines
1979-1999

| Year | Typhoid and Paratyphoid Fever A01 | | | |
|------|--------------------------------------|------|--------|------|
| | Cases | | Deaths | |
| | Number | Rate | Number | Rate |
| 1999 | 17,675 | 23.6 | 892 | 1.2 |
| 1998 | 15,507 | 21.2 | 1,120 | 1.5 |
| 1997 | 12,724 | 17.8 | 887 | 1.2 |
| 1996 | 12,817 | 18.9 | 1,052 | 1.6 |
| 1995 | 21,011 | 33.0 | 1,023 | 1.5 |
| 1994 | 20,946 | 30.5 | 1,207 | 1.8 |
| 1993 | 19,609 | 28.6 | 1,120 | 1.6 |
| 1992 | 16,497 | 24.6 | 962 | 1.4 |
| 1991 | 13,844 | 21.2 | 1,076 | 1.6 |
| 1990 | 15,720 | 24.7 | 1,045 | 1.6 |
| 1989 | 17,794 | 28.7 | 1,233 | 2.0 |
| 1988 | 15,830 | 26.3 | 1,356 | 2.3 |
| 1987 | 15,290 | 26.0 | 1,121 | 1.9 |
| 1986 | 13,764 | 24.0 | 1,024 | 1.8 |
| 1985 | 15,706 | 28.0 | 1,071 | 1.9 |
| 1984 | 10,073 | 18.4 | 831 | 1.5 |
| 1983 | 5,420 | 10.2 | 697 | 1.3 |
| 1982 | 5,282 | 10.3 | 596 | 1.2 |
| 1981 | 4,300 | 8.4 | 676 | 1.3 |
| 1980 | 3,222 | 6.5 | 629 | 1.3 |
| 1979 | 3,525 | 7.3 | 656 | 1.4 |

Table 17

Notifiable Diseases: Reported Cases & Deaths
Number & Rate/100,000 Population
Philippines
1979-1999

| Year | Diarrheas A09 | | | | Tuberculosis, All Forms A10-A18; B90 | | | |
|------|------------------|--------|--------|------|---|-------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 908,454 | 1215.4 | 3,308 | 4.4 | 152,734 | 204.3 | 28,904 | 38.7 |
| 1998 | 931,655 | 1273.7 | 4,606 | 6.3 | 151,650 | 207.3 | 28,041 | 38.3 |
| 1997 | 899,409 | 1257.0 | 3,493 | 4.9 | 240,509 | 336.1 | 26,151 | 36.5 |
| 1996 | 997,914 | 1475.3 | 4,979 | 7.1 | 165,453 | 244.6 | 27,368 | 39.1 |
| 1995 | 860,005 | 1351.5 | 4,059 | 5.9 | 119,186 | 187.3 | 26,691 | 38.9 |
| 1994 | 1,376,669 | 2006.3 | 6,402 | 9.3 | 167,763 | 244.5 | 26,673 | 38.9 |
| 1993 | 1,337,449 | 1948.9 | 4,510 | 6.6 | 159,049 | 231.8 | 24,580 | 35.8 |
| 1992 | 1,045,615 | 1561.0 | 4,799 | 7.2 | 136,981 | 204.5 | 20,132 | 30.1 |
| 1991 | 984,713 | 1507.1 | 4,552 | 7.0 | 123,281 | 188.7 | 22,814 | 34.9 |
| 1990 | 927,860 | 1458.4 | 6,396 | 10.1 | 152,688 | 240.0 | 24,307 | 38.2 |
| 1989 | 741,733 | 1195.4 | 6,893 | 11.1 | 206,508 | 332.8 | 26,300 | 42.4 |
| 1988 | 624,355 | 1038.9 | 9,155 | 15.2 | 183,113 | 304.7 | 27,020 | 45.0 |
| 1987 | 591,858 | 1007.9 | 9,468 | 16.1 | 163,740 | 278.8 | 28,697 | 48.9 |
| 1986 | 538,849 | 939.5 | 9,815 | 17.1 | 153,129 | 267.0 | 30,604 | 53.4 |
| 1985 | 522,762 | 933.4 | 11,516 | 20.6 | 151,028 | 269.7 | 31,650 | 56.5 |
| 1984 | 551,560 | 1008.9 | 11,553 | 21.1 | 151,867 | 277.8 | 27,320 | 50.0 |
| 1983 | 275,068 | 517.1 | 15,090 | 28.4 | 106,300 | 199.8 | 28,580 | 53.7 |
| 1982 | 221,191 | 430.3 | 12,735 | 24.8 | 104,715 | 203.7 | 28,309 | 55.1 |
| 1981 | 239,117 | 465.6 | 16,196 | 31.5 | 116,182 | 226.2 | 27,317 | 53.2 |
| 1980 | 199,574 | 402.9 | 13,492 | 27.2 | 112,307 | 226.7 | 28,790 | 58.1 |
| 1979 | 217,155 | 449.4 | 16,683 | 34.5 | 108,813 | 225.2 | 28,221 | 58.4 |

| Year | Leprosy A30 | | | | Diphtheria A36 | | | |
|------|----------------|------|--------|------|-------------------|------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 1,423 | 1.9 | 50 | 0.1 | 48 | 0.1 | 16 | 0.0 |
| 1998 | 1,739 | 2.4 | 38 | 0.1 | 48 | 0.1 | 22 | 0.0 |
| 1997 | 1,654 | 2.3 | 56 | 0.1 | 53 | 0.1 | 30 | 0.0 |
| 1996 | 1,788 | 2.6 | 69 | 0.1 | 108 | 0.2 | 29 | 0.0 |
| 1995 | 2,730 | 4.3 | 68 | 0.1 | 935 | 1.5 | 40 | 0.1 |
| 1994 | 2,663 | 3.9 | 88 | 0.1 | 1,053 | 1.5 | 51 | 0.1 |
| 1993 | 2,430 | 3.5 | 99 | 0.1 | 867 | 1.3 | 56 | 0.1 |
| 1992 | 1,887 | 2.8 | 50 | 0.1 | 680 | 1.0 | 62 | 0.1 |
| 1991 | 2,028 | 3.1 | 68 | 0.1 | 1,028 | 1.6 | 62 | 0.1 |
| 1990 | 2,827 | 4.4 | 65 | 0.1 | 921 | 1.4 | 115 | 0.2 |
| 1989 | 4,228 | 6.8 | 95 | 0.2 | 1,297 | 2.1 | 117 | 0.2 |
| 1988 | 1,661 | 2.8 | 86 | 0.1 | 1,202 | 2.0 | 186 | 0.3 |
| 1987 | 1,766 | 3.0 | 63 | 0.1 | 1,443 | 2.5 | 245 | 0.4 |
| 1986 | 1,815 | 3.2 | 81 | 0.1 | 1,630 | 2.8 | 261 | 0.5 |
| 1985 | 2,090 | 3.4 | 124 | 0.2 | 1,669 | 3.0 | 316 | 0.6 |
| 1984 | 1,798 | 3.3 | 68 | 0.1 | 1,968 | 3.6 | 337 | 0.6 |
| 1983 | 1,153 | 2.2 | 89 | 0.2 | 1,812 | 3.4 | 491 | 0.9 |
| 1982 | 997 | 1.9 | 107 | 0.2 | 2,140 | 4.2 | 524 | 1.0 |
| 1981 | 958 | 1.9 | 123 | 0.2 | 819 | 1.6 | 504 | 1.0 |
| 1980 | 886 | 1.8 | 137 | 0.3 | 1,910 | 3.9 | 414 | 0.8 |
| 1979 | 690 | 1.4 | 131 | 0.3 | 1,044 | 2.2 | 546 | 1.1 |

Table 17

Notifiable Diseases: Reported Cases & Deaths
Number & Rate/100,000 Population
Philippines
1979-1999

| Year | Whooping Cough A37 | | | | Tetanus A35 | | | |
|------|-----------------------|------|--------|------|----------------|------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 1,327 | 1.8 | 1 | 0.0 | 178 | 0.2 | 733 | 1.0 |
| 1998 | 673 | 0.9 | 6 | 0.0 | 391 | 0.5 | 751 | 1.0 |
| 1997 | 1,004 | 1.4 | 6 | 0.0 | 677 | 0.9 | 684 | 1.0 |
| 1996 | 2,554 | 3.8 | 9 | 0.0 | 1,011 | 1.5 | 758 | 1.1 |
| 1995 | 4,324 | 6.8 | 12 | 0.0 | 3,054 | 4.8 | 803 | 1.2 |
| 1994 | 5,900 | 8.6 | 9 | 0.0 | 2,915 | 4.2 | 810 | 1.2 |
| 1993 | 5,628 | 8.2 | 4 | 0.0 | 2,778 | 4.0 | 1,008 | 1.5 |
| 1992 | 3,792 | 5.7 | 8 | 0.0 | 2,216 | 3.3 | 892 | 1.3 |
| 1991 | 4,829 | 7.4 | 9 | 0.0 | 2,312 | 3.5 | 1,022 | 1.6 |
| 1990 | 4,135 | 6.5 | 9 | 0.0 | 2,286 | 3.6 | 989 | 1.6 |
| 1989 | 9,466 | 15.3 | 12 | 0.0 | 3,102 | 5.0 | 1,040 | 1.7 |
| 1988 | 7,814 | 13.0 | 14 | 0.0 | 3,199 | 5.3 | 1,069 | 1.8 |
| 1987 | 8,856 | 15.1 | 26 | 0.0 | 2,910 | 5.0 | 1,026 | 1.7 |
| 1986 | 16,139 | 28.1 | 31 | 0.1 | 3,381 | 5.9 | 1,034 | 1.8 |
| 1985 | 19,628 | 35.0 | 45 | 0.1 | 3,474 | 6.2 | 1,033 | 1.8 |
| 1984 | 21,479 | 39.3 | 51 | 0.1 | 3,353 | 6.1 | 924 | 1.7 |
| 1983 | 17,380 | 32.7 | 68 | 0.1 | 2,912 | 5.5 | 941 | 1.8 |
| 1982 | 15,879 | 30.9 | 80 | 0.2 | 2,441 | 4.7 | 967 | 1.9 |
| 1981 | 19,178 | 37.3 | 57 | 0.1 | 2,242 | 4.4 | 913 | 1.8 |
| 1980 | 19,844 | 40.1 | 98 | 0.2 | 3,080 | 6.2 | 1,004 | 2.0 |
| 1979 | 21,254 | 44.0 | 157 | 0.3 | 2,905 | 6.0 | 1,226 | 2.5 |

| Year | Poliomyelitis A80 | | | | Varicella B01 | | | |
|------|----------------------|------|--------|------|------------------|-------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | - | - | 29 | 0.0 | 35,699 | 47.8 | 25 | 0.0 |
| 1998 | 13 | 0.0 | 46 | 0.1 | 32,613 | 44.6 | 38 | 0.1 |
| 1997 | 8 | 0.0 | 40 | 0.1 | 64,065 | 89.5 | 59 | 0.1 |
| 1996 | 8 | 0.0 | 43 | 0.1 | 34,344 | 50.8 | 78 | 0.1 |
| 1995 | 104 | 0.2 | 18 | 0.0 | 51,006 | 80.2 | 103 | 0.2 |
| 1994 | 408 | 0.6 | 38 | 0.1 | 76,526 | 111.5 | 71 | 0.1 |
| 1993 | 600 | 0.9 | 34 | 0.0 | 71,317 | 103.9 | 31 | 0.1 |
| 1992 | 444 | 0.7 | 22 | 0.0 | 62,327 | 93.1 | 29 | 0.0 |
| 1991 | 362 | 0.6 | 14 | 0.0 | 42,909 | 65.7 | 12 | 0.0 |
| 1990 | 98 | 0.2 | 23 | 0.0 | 33,177 | 52.1 | 20 | 0.0 |
| 1989 | 335 | 0.5 | 32 | 0.1 | 16,931 | 27.3 | 23 | 0.0 |
| 1988 | 344 | 0.6 | 40 | 0.1 | 6,767 | 11.3 | 12 | 0.0 |
| 1987 | 327 | 0.6 | 43 | 0.1 | 6,336 | 10.8 | 15 | 0.0 |
| 1986 | 375 | 0.7 | 45 | 0.1 | 3,121 | 5.4 | 4 | 0.0 |
| 1985 | 557 | 1.0 | 61 | 0.1 | 3,844 | 6.9 | 10 | 0.0 |
| 1984 | 428 | 0.8 | 66 | 0.1 | 3,409 | 6.2 | 11 | 0.0 |
| 1983 | 355 | 0.7 | 94 | 0.2 | 1,850 | 3.5 | 15 | 0.0 |
| 1982 | 440 | 0.9 | 101 | 0.2 | 1,506 | 2.9 | 22 | 0.0 |
| 1981 | 292 | 0.6 | 118 | 0.2 | 1,176 | 2.3 | 20 | 0.0 |
| 1980 | 432 | 0.9 | 201 | 0.4 | 1,112 | 2.2 | 23 | 0.1 |
| 1979 | 1,054 | 2.2 | 353 | 0.7 | 1,028 | 2.1 | 34 | 0.1 |

Table 17

Notifiable Diseases: Reported Cases & Deaths
Number & Rate/100,000 Population
Philippines
1979-1999

| Year | Measles B05 | | | | Dengue H-Fever A90-A99 | | | |
|------|----------------|-------|--------|------|---------------------------|------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 12,713 | 17.0 | 560 | 0.7 | 9,121 | 12.2 | 432 | 0.6 |
| 1998 | 23,591 | 32.3 | 697 | 1.0 | 44,532 | 60.9 | 1,904 | 2.6 |
| 1997 | 37,857 | 52.9 | 1,449 | 2.0 | 13,290 | 18.6 | 955 | 1.3 |
| 1996 | 35,390 | 52.3 | 1,376 | 2.0 | 15,571 | 23.0 | 1,376 | 2.0 |
| 1995 | 23,392 | 36.8 | 1,121 | 1.6 | 12,872 | 20.2 | 566 | 0.8 |
| 1994 | 59,041 | 86.0 | 1,024 | 1.5 | 23,327 | 34.0 | 464 | 0.7 |
| 1993 | 85,345 | 124.4 | 2,989 | 4.4 | 21,146 | 30.8 | 531 | 0.8 |
| 1992 | 54,570 | 81.5 | 3,193 | 4.8 | 9,108 | 13.6 | 441 | 0.7 |
| 1991 | 35,582 | 54.5 | 2,228 | 3.4 | 11,317 | 17.3 | 401 | 0.6 |
| 1990 | 42,938 | 67.5 | 3,499 | 5.5 | 4,836 | 7.6 | 363 | 0.6 |
| 1989 | 68,496 | 110.4 | 6,734 | 10.9 | 2,240 | 3.6 | 199 | 0.3 |
| 1988 | 70,801 | 117.8 | 7,775 | 12.9 | 2,821 | 4.7 | 300 | 0.5 |
| 1987 | 81,896 | 139.5 | 12,431 | 21.2 | 1,696 | 2.9 | 243 | 0.4 |
| 1986 | 59,375 | 103.5 | 6,249 | 10.9 | 1,623 | 2.8 | 191 | 0.3 |
| 1985 | 62,959 | 112.4 | 8,043 | 14.4 | 2,096 | 3.7 | 210 | 0.4 |
| 1984 | 75,290 | 137.7 | 7,987 | 14.6 | 2,514 | 4.6 | 103 | 0.2 |
| 1983 | 43,684 | 82.1 | 9,286 | 17.5 | 1,684 | 3.2 | 305 | 0.6 |
| 1982 | 35,989 | 70.0 | 7,136 | 13.9 | 816 | 1.6 | 192 | 0.4 |
| 1981 | 27,031 | 52.6 | 6,951 | 13.5 | 324 | 0.6 | 112 | 0.2 |
| 1980 | 26,765 | 54.0 | 5,191 | 10.5 | 627 | 1.3 | 103 | 0.2 |
| 1979 | 29,230 | 60.5 | 5,607 | 11.6 | 438 | 0.9 | 18 | 0.0 |

| Year | Infectious Hepatitis B15-B19 | | | | Malaria B50-B54 | | | |
|------|---------------------------------|------|--------|------|--------------------|-------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 5,525 | 7.4 | 781 | 1.0 | 68,155 | 91.2 | 339 | 0.5 |
| 1998 | 5,664 | 7.7 | 966 | 1.3 | 70,859 | 96.9 | 561 | 0.8 |
| 1997 | 5,356 | 7.5 | 1,072 | 1.5 | 69,248 | 96.8 | 514 | 0.7 |
| 1996 | 6,686 | 9.9 | 1,084 | 1.5 | 68,056 | 100.6 | 536 | 0.8 |
| 1995 | 10,089 | 15.9 | 1,152 | 1.7 | 56,285 | 88.5 | 643 | 0.9 |
| 1994 | 16,943 | 24.7 | 1,067 | 1.6 | 58,615 | 85.4 | 784 | 1.1 |
| 1993 | 22,643 | 33.0 | 1,034 | 1.5 | 49,506 | 72.1 | 811 | 1.2 |
| 1992 | 14,269 | 21.3 | 826 | 1.2 | 46,614 | 69.6 | 864 | 1.3 |
| 1991 | 12,972 | 19.9 | 401 | 0.6 | 48,761 | 74.6 | 924 | 1.4 |
| 1990 | 14,709 | 23.1 | 936 | 1.5 | 73,625 | 115.7 | 913 | 1.4 |
| 1989 | 14,761 | 23.8 | 850 | 1.4 | 125,114 | 201.6 | 989 | 1.6 |
| 1988 | 16,125 | 26.8 | 825 | 1.4 | 114,679 | 190.8 | 1,176 | 2.0 |
| 1987 | 16,084 | 27.4 | 817 | 1.4 | 121,097 | 206.2 | 1,226 | 2.1 |
| 1986 | 14,523 | 25.3 | 728 | 1.3 | 124,153 | 216.5 | 1,156 | 2.0 |
| 1985 | 16,022 | 28.6 | 607 | 1.1 | 121,975 | 217.8 | 1,166 | 2.1 |
| 1984 | 15,320 | 28.0 | 625 | 1.1 | 107,485 | 196.6 | 923 | 1.7 |
| 1983 | 9,549 | 18.0 | 653 | 1.2 | 55,019 | 103.4 | 1,086 | 2.0 |
| 1982 | 8,615 | 16.8 | 739 | 1.4 | 40,496 | 78.8 | 985 | 1.9 |
| 1981 | 9,943 | 19.4 | 660 | 1.3 | 44,118 | 85.9 | 1,071 | 2.1 |
| 1980 | 9,578 | 19.3 | 828 | 1.7 | 39,678 | 80.1 | 1,091 | 2.2 |
| 1979 | 8,850 | 18.3 | 750 | 1.6 | 31,779 | 65.8 | 1,142 | 2.4 |

Table 17

Notifiable Diseases: Reported Cases & Deaths
Number & Rate/100,000 Population
Philippines
1979-1999

| Year | Syphilis A56-A64 | | | | Gonococcal Infection A54 | | | |
|------|---------------------|------|--------|------|-----------------------------|------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 121 | 0.2 | 11 | 0.0 | 2,800 | 3.7 | 3 | 0.0 |
| 1998 | 105 | 0.1 | 19 | 0.0 | 2,740 | 3.7 | 0 | 0.0 |
| 1997 | 210 | 0.3 | 19 | 0.0 | 2,001 | 2.8 | 3 | 0.0 |
| 1996 | 271 | 0.4 | 10 | 0.0 | 2,443 | 3.6 | 1 | 0.0 |
| 1995 | 181 | 0.3 | 13 | 0.0 | 2,200 | 3.5 | 1 | 0.0 |
| 1994 | 232 | 0.3 | 4 | 0.0 | 2,657 | 3.9 | 2 | 0.0 |
| 1993 | 136 | 0.2 | 6 | 0.0 | 2,158 | 3.1 | 0 | 0.0 |
| 1992 | 60 | 0.1 | 8 | 0.0 | 198 | 0.3 | 0 | 0.0 |
| 1991 | 232 | 0.4 | 2 | 0.0 | 4,112 | 6.3 | 2 | 0.0 |
| 1990 | 151 | 0.2 | 3 | 0.0 | 6,374 | 10.0 | 0 | 0.0 |
| 1989 | 99 | 0.2 | 9 | 0.0 | 8,635 | 13.9 | 0 | 0.0 |
| 1988 | 99 | 0.2 | 9 | 0.0 | 8,342 | 13.9 | 0 | 0.0 |
| 1987 | 62 | 0.1 | 9 | 0.0 | 11,361 | 19.3 | 0 | 0.0 |
| 1986 | 69 | 0.1 | 8 | 0.0 | 11,731 | 20.5 | 0 | 0.0 |
| 1985 | 91 | 0.2 | 9 | 0.0 | 15,329 | 27.4 | 0 | 0.0 |
| 1984 | 201 | 0.4 | 42 | 0.1 | 13,806 | 25.3 | 0 | 0.0 |
| 1983 | 102 | 0.2 | 16 | 0.0 | 13,359 | 25.1 | 5 | 0.0 |
| 1982 | 114 | 0.2 | 11 | 0.0 | 13,970 | 27.2 | 2 | 0.0 |
| 1981 | 59 | 0.1 | 4 | 0.0 | 6,432 | 13.0 | 0 | 0.0 |
| 1980 | 83 | 0.2 | 9 | 0.0 | 6,786 | 13.7 | 0 | 0.0 |
| 1979 | 94 | 0.2 | 26 | 0.1 | 9,288 | 19.2 | 0 | 0.0 |

| Year | Schistosomiasis B65 | | | | Filariasis B72,B74 | | | |
|------|------------------------|------|--------|------|-----------------------|------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 11,572 | 15.5 | 227 | 0.3 | 398 | 0.5 | 1 | 0.0 |
| 1998 | 10,986 | 15.0 | 191 | 0.3 | 391 | 0.5 | 7 | 0.0 |
| 1997 | 12,524 | 17.5 | 238 | 0.3 | 1,025 | 1.4 | 3 | 0.0 |
| 1996 | 9,069 | 13.4 | 267 | 0.4 | 401 | 0.6 | 6 | 0.0 |
| 1995 | 8,795 | 13.8 | 231 | 0.3 | 636 | 1.0 | 4 | 0.0 |
| 1994 | 12,689 | 18.5 | 275 | 0.4 | 1,450 | 2.1 | 2 | 0.0 |
| 1993 | 12,393 | 18.1 | 258 | 0.4 | 1,546 | 2.3 | 3 | 0.0 |
| 1992 | 9,194 | 13.7 | 235 | 0.4 | 1,423 | 2.1 | 2 | 0.0 |
| 1991 | 26,702 | 40.9 | 249 | 0.4 | 1,026 | 1.6 | 2 | 0.0 |
| 1990 | 14,781 | 23.2 | 272 | 0.4 | 286 | 0.4 | 1 | 0.0 |
| 1989 | 25,699 | 41.4 | 273 | 0.4 | 188 | 0.3 | 1 | 0.0 |
| 1988 | 12,273 | 20.4 | 301 | 0.5 | 290 | 0.5 | 0 | 0.0 |
| 1987 | 13,892 | 23.7 | 288 | 0.5 | 351 | 0.6 | 0 | 0.0 |
| 1986 | 11,074 | 19.3 | 281 | 0.5 | 300 | 0.5 | 1 | 0.0 |
| 1985 | 9,764 | 17.4 | 416 | 0.7 | 259 | 0.5 | 2 | 0.0 |
| 1984 | 4,388 | 8.0 | 416 | 0.8 | 493 | 0.9 | 2 | 0.0 |
| 1983 | 3,454 | 6.5 | 452 | 0.8 | 74 | 0.1 | 5 | 0.0 |
| 1982 | 3,801 | 7.4 | 426 | 0.8 | 77 | 0.1 | 4 | 0.0 |
| 1981 | 3,009 | 6.1 | 398 | 0.8 | 28 | 0.1 | 4 | 0.0 |
| 1980 | 2,686 | 5.6 | 426 | 0.9 | 30 | 0.1 | 4 | 0.0 |
| 1979 | 2,923 | 6.3 | 452 | 1.0 | 6 | 0.0 | 3 | 0.0 |

Table 17

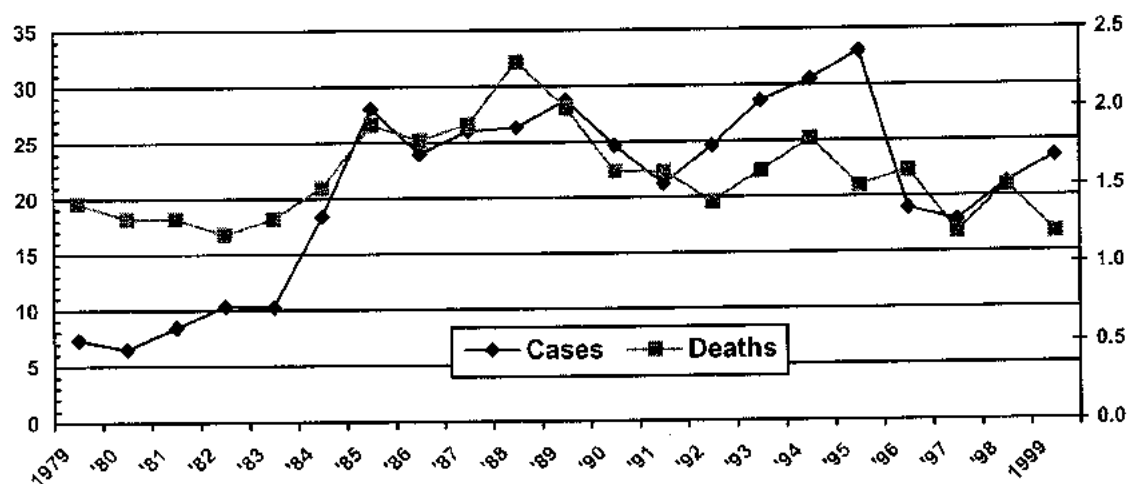
Notifiable Diseases: Reported Cases & Deaths
Number & Rate/100,000 Population
Philippines
1979-1999

| Year | Malignant Neoplasm C00-C91 | | | | Bronchitis J20-J21 | | | |
|------|-------------------------------|------|--------|------|-----------------------|--------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 5,710 | 7.6 | 34,238 | 45.8 | 717,214 | 959.5 | 205 | 0.3 |
| 1998 | 6,595 | 9.0 | 31,606 | 43.2 | 635,089 | 868.2 | 244 | 0.3 |
| 1997 | 4,723 | 6.6 | 29,677 | 41.5 | 637,905 | 891.6 | 732 | 1.0 |
| 1996 | 2,715 | 4.0 | 30,077 | 44.5 | 602,708 | 891.0 | 218 | 0.3 |
| 1995 | 46,967 | 73.8 | 28,487 | 41.5 | 1,029,796 | 1618.3 | 171 | 0.2 |
| 1994 | 49,387 | 72.0 | 27,924 | 40.7 | 1,146,951 | 1671.5 | 875 | 1.3 |
| 1993 | 40,155 | 58.5 | 25,399 | 37.0 | 903,508 | 1316.6 | 253 | 0.4 |
| 1992 | 36,550 | 54.6 | 20,176 | 30.1 | 770,396 | 1150.2 | 378 | 0.6 |
| 1991 | 34,584 | 52.9 | 22,307 | 34.1 | 891,562 | 1364.5 | 562 | 0.9 |
| 1990 | 33,702 | 53.0 | 21,979 | 34.5 | 980,557 | 1541.3 | 1,008 | 1.6 |
| 1989 | 33,777 | 54.4 | 21,933 | 35.3 | 893,550 | 1440.1 | 1,105 | 1.8 |
| 1988 | 28,940 | 48.2 | 21,184 | 35.2 | 759,511 | 1263.8 | 1,438 | 2.4 |
| 1987 | 27,195 | 46.3 | 20,367 | 34.7 | 642,777 | 1094.6 | 1,814 | 3.1 |
| 1986 | 26,985 | 47.0 | 18,395 | 32.1 | 602,851 | 1051.1 | 1,985 | 3.5 |
| 1985 | 24,270 | 43.3 | 18,143 | 32.4 | 586,427 | 1047.1 | 2,078 | 3.7 |
| 1984 | 24,191 | 44.3 | 17,700 | 32.4 | 606,880 | 1110.1 | 1,764 | 3.2 |
| 1983 | 25,838 | 48.6 | 17,997 | 33.8 | 352,447 | 662.6 | 2,052 | 3.9 |
| 1982 | 26,867 | 52.3 | 16,832 | 32.7 | 280,431 | 545.6 | 2,250 | 4.4 |
| 1981 | 24,777 | 50.0 | 16,059 | 31.3 | 220,698 | 429.7 | 1,476 | 2.9 |
| 1980 | 28,905 | 58.4 | 16,019 | 32.3 | 206,469 | 416.8 | 2,756 | 5.6 |
| 1979 | 20,213 | 43.4 | 15,449 | 33.2 | 219,527 | 471.3 | 3,219 | 6.9 |

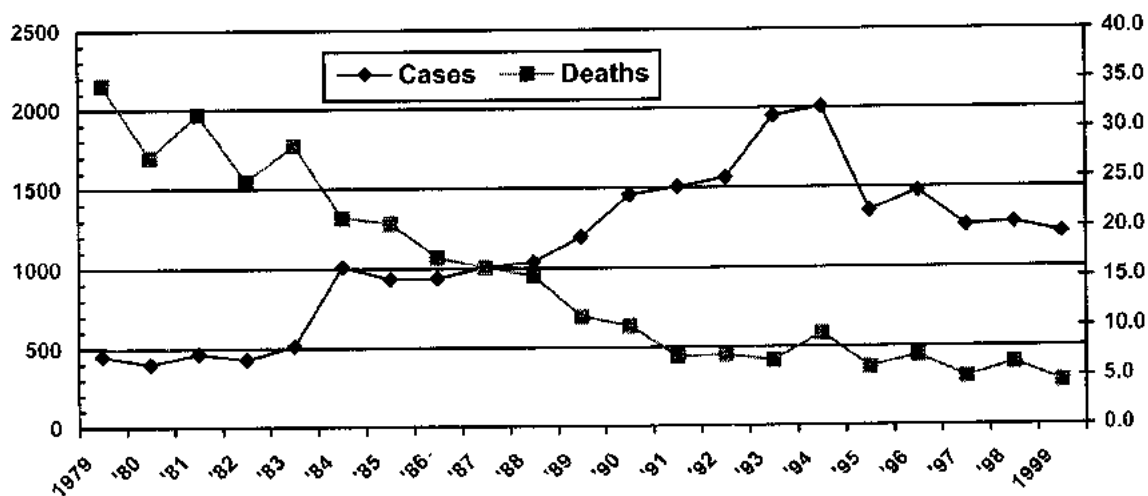
| Year | Pneumonias J12-J18 | | | | Influenza J11 | | | |
|------|-----------------------|--------|--------|-------|------------------|--------|--------|------|
| | Cases | | Deaths | | Cases | | Deaths | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 693,334 | 927.6 | 32,883 | 44.0 | 514,198 | 687.9 | 284 | 0.4 |
| 1998 | 646,789 | 884.2 | 33,709 | 46.1 | 563,674 | 770.6 | 303 | 0.4 |
| 1997 | 672,681 | 940.2 | 32,193 | 45.0 | 574,748 | 803.3 | 251 | 0.4 |
| 1996 | 679,172 | 1004.1 | 33,319 | 47.6 | 560,168 | 828.1 | 340 | 0.5 |
| 1995 | 666,934 | 1048.1 | 33,637 | 49.0 | 752,040 | 1181.8 | 313 | 0.5 |
| 1994 | 610,731 | 890.1 | 28,132 | 41.0 | 840,611 | 1225.1 | 404 | 0.6 |
| 1993 | 470,574 | 685.7 | 35,582 | 51.9 | 609,471 | 888.1 | 455 | 0.7 |
| 1992 | 401,025 | 598.7 | 36,626 | 54.7 | 510,190 | 761.7 | 401 | 0.6 |
| 1991 | 275,513 | 421.7 | 36,705 | 56.2 | 462,915 | 708.5 | 496 | 0.8 |
| 1990 | 235,947 | 370.9 | 41,181 | 64.7 | 544,768 | 856.3 | 605 | 1.0 |
| 1989 | 232,056 | 374.0 | 43,268 | 69.7 | 773,802 | 1247.1 | 770 | 1.2 |
| 1988 | 201,902 | 336.0 | 47,444 | 78.9 | 576,404 | 959.1 | 791 | 1.3 |
| 1987 | 183,143 | 311.9 | 52,700 | 89.7 | 495,161 | 843.2 | 1,151 | 2.0 |
| 1986 | 190,208 | 331.6 | 50,621 | 88.3 | 397,715 | 693.4 | 1,221 | 2.1 |
| 1985 | 205,387 | 366.7 | 52,888 | 94.4 | 447,550 | 799.1 | 1,400 | 2.5 |
| 1984 | 193,594 | 354.1 | 45,971 | 84.1 | 453,926 | 830.3 | 1,150 | 2.1 |
| 1983 | 123,420 | 232.0 | 48,650 | 91.5 | 253,534 | 476.6 | 1,215 | 2.3 |
| 1982 | 106,563 | 207.3 | 45,373 | 88.3 | 226,237 | 440.2 | 1,297 | 2.5 |
| 1981 | 123,154 | 239.8 | 43,164 | 84.0 | 251,200 | 489.1 | 2,715 | 5.3 |
| 1980 | 117,270 | 236.7 | 45,209 | 91.3 | 202,884 | 409.6 | 1,913 | 3.9 |
| 1979 | 126,797 | 272.2 | 49,019 | 105.2 | 189,126 | 406.0 | 1,803 | 3.9 |

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1979-1999

Typhoid and Paratyphoid Fever



Diarrheas



Tuberculosis, All Forms

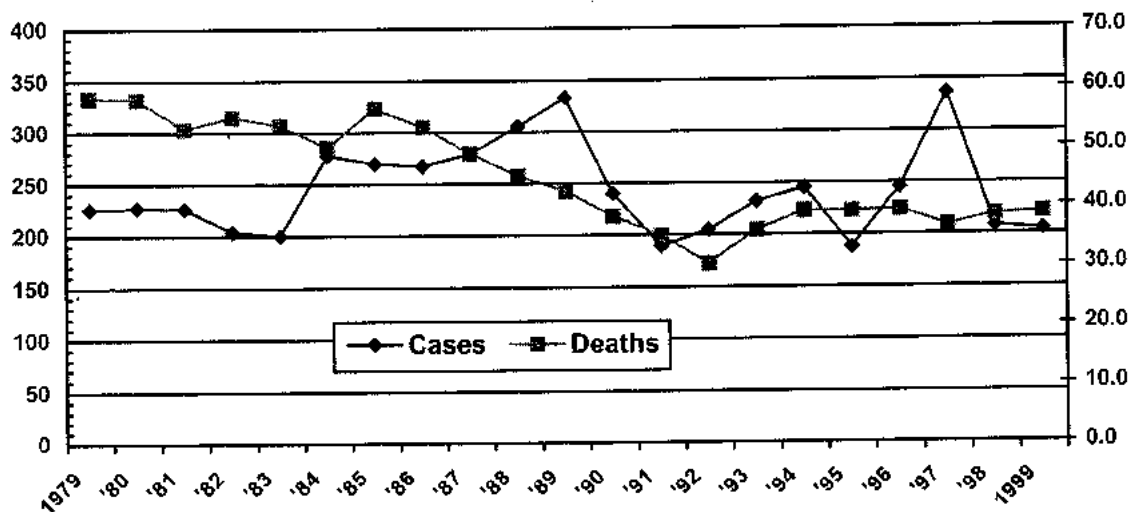
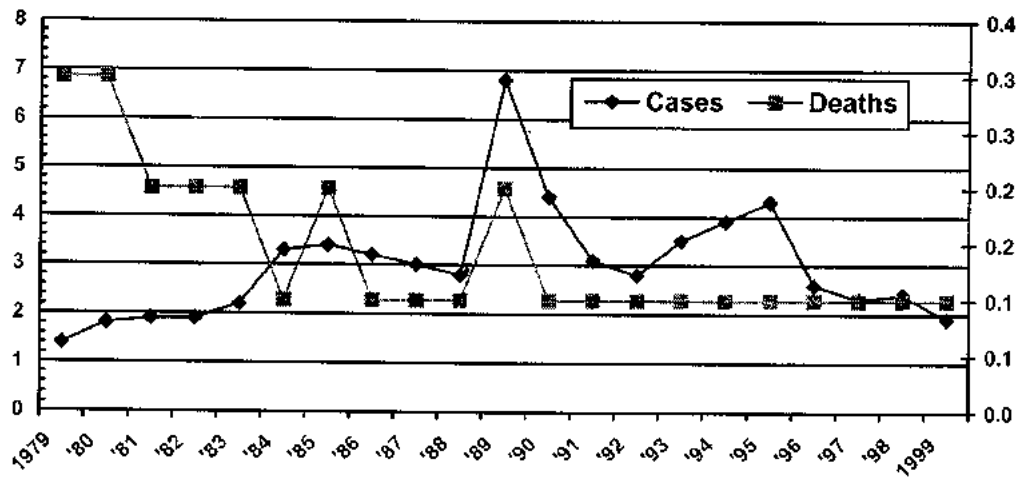


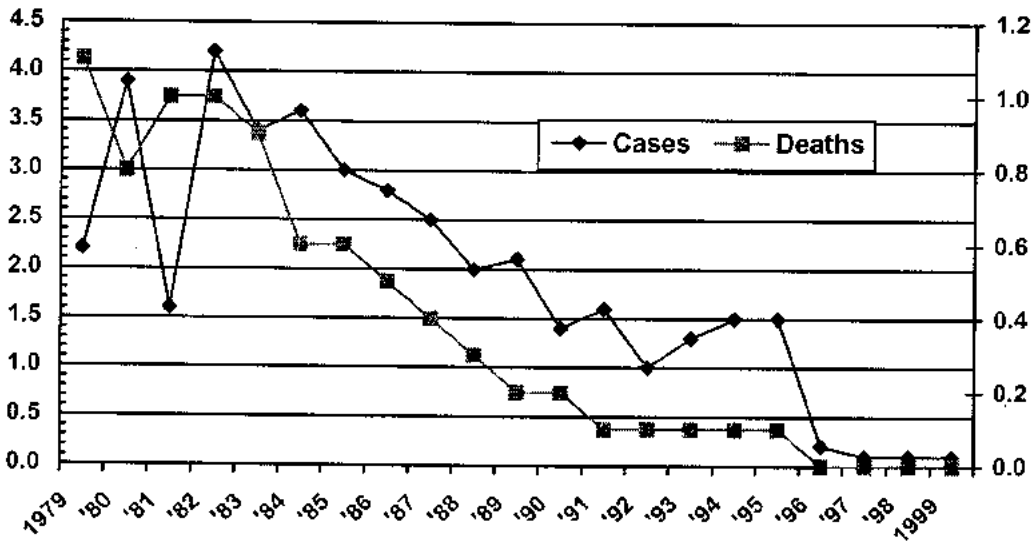
Figure 11

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1979-1999

Leprosy



Diphtheria



Whooping Cough

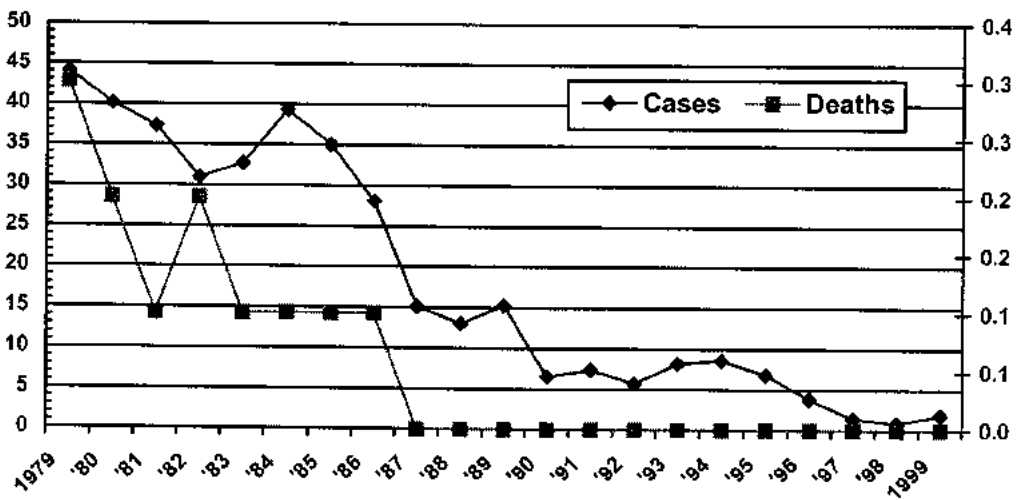
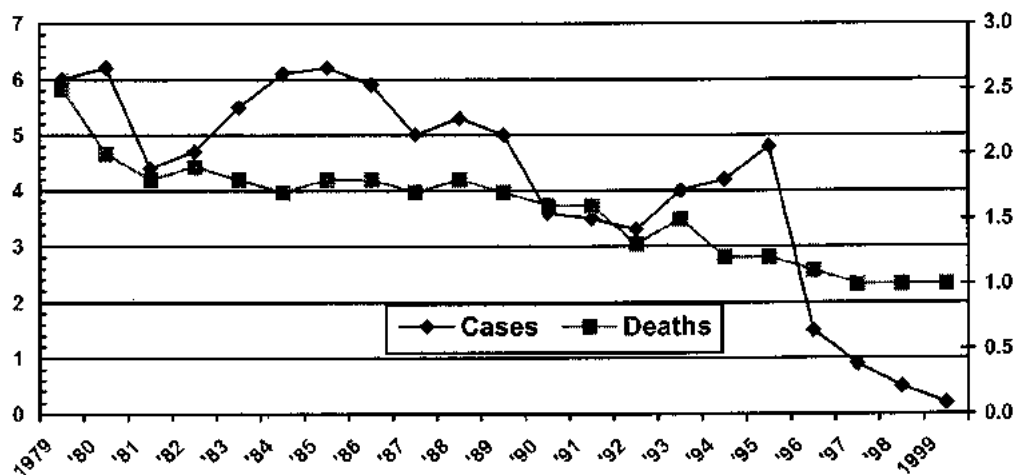


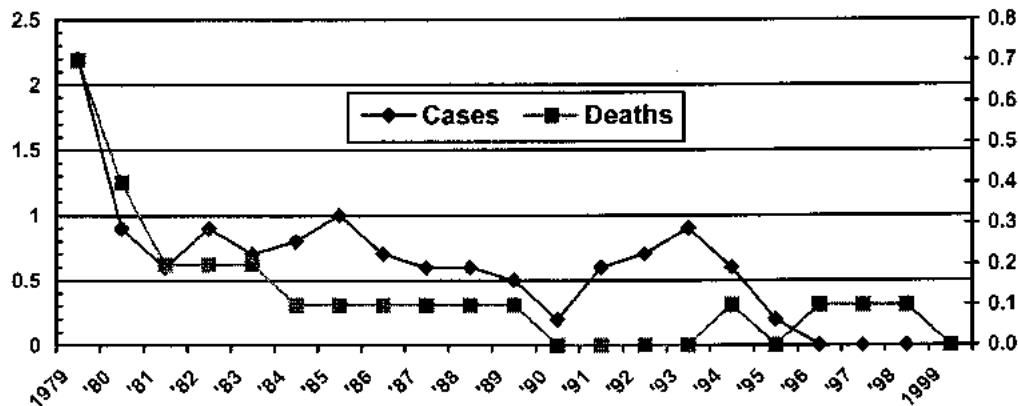
Figure 11

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1979-1999

Tetanus



Poliomyelitis



Varicella

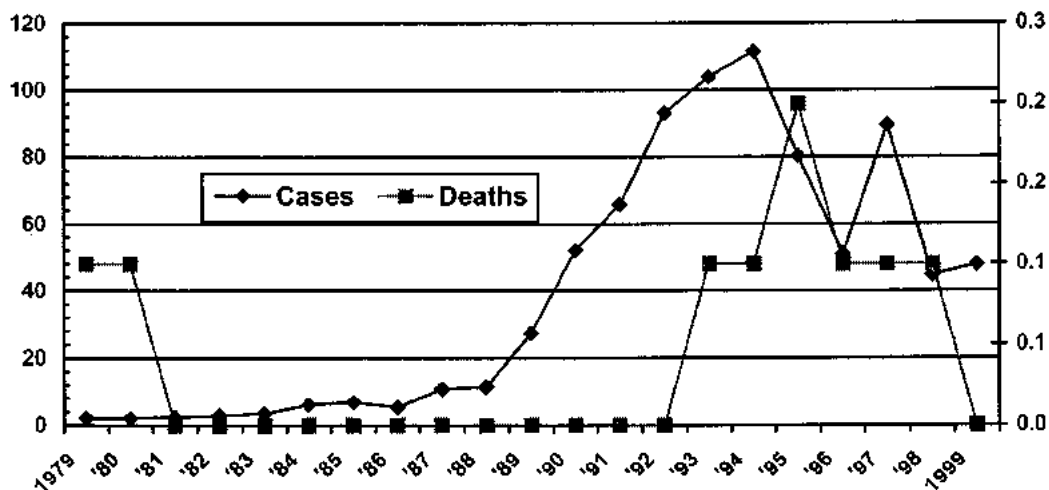
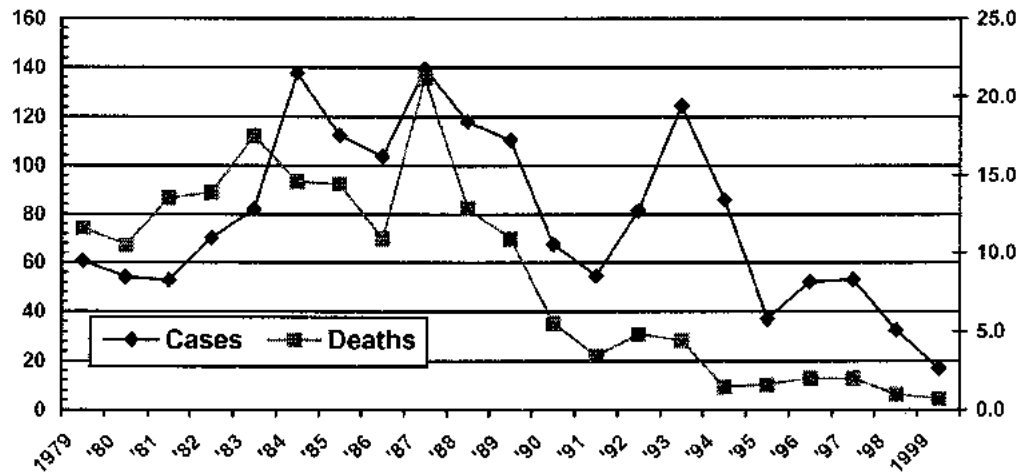


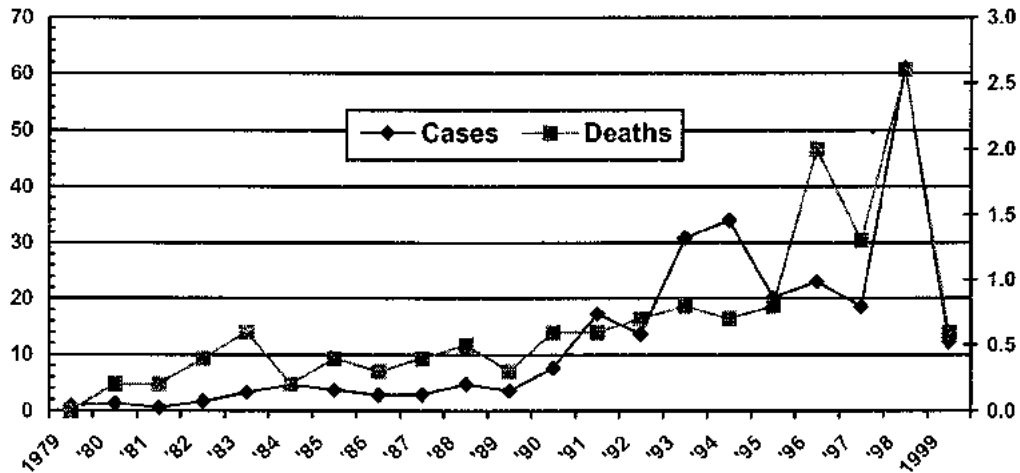
Figure 11

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1979-1999

Measles



Dengue H-Fever



Infectious Hepatitis

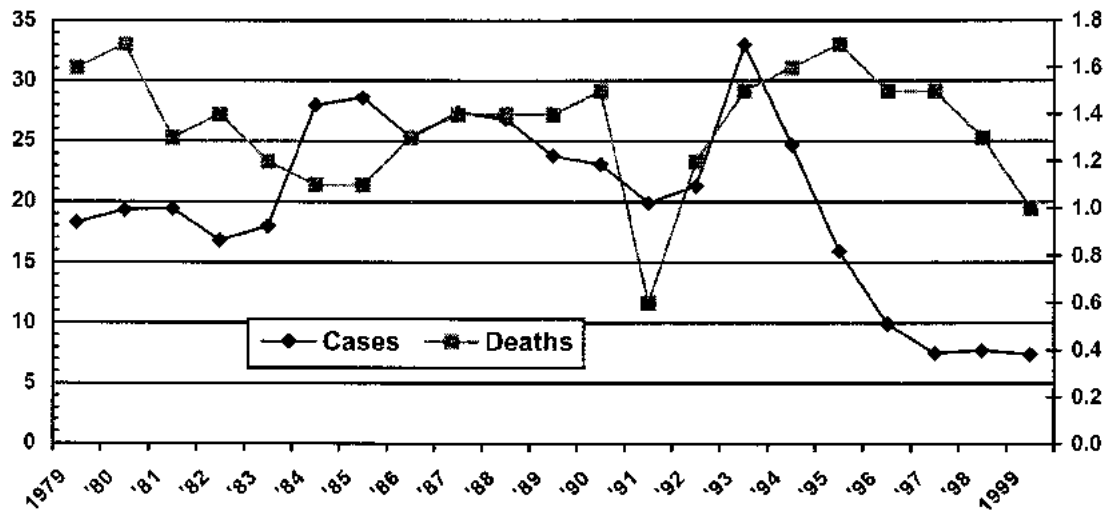
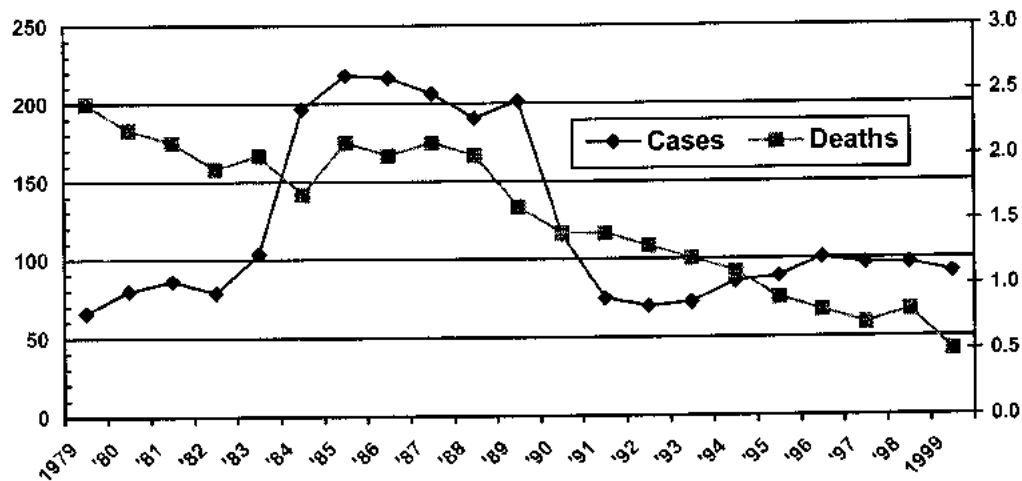


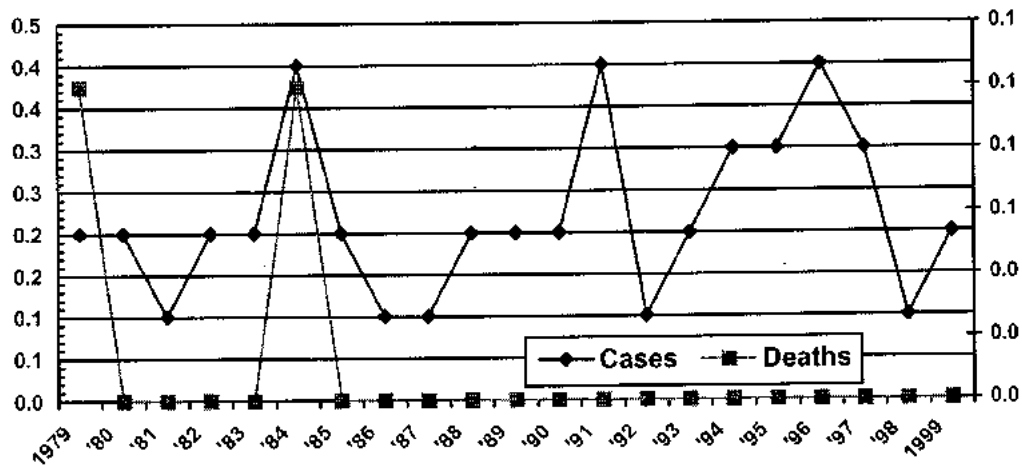
Figure 11

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1979-1999

Malaria



Syphilis



Gonococcal Infection

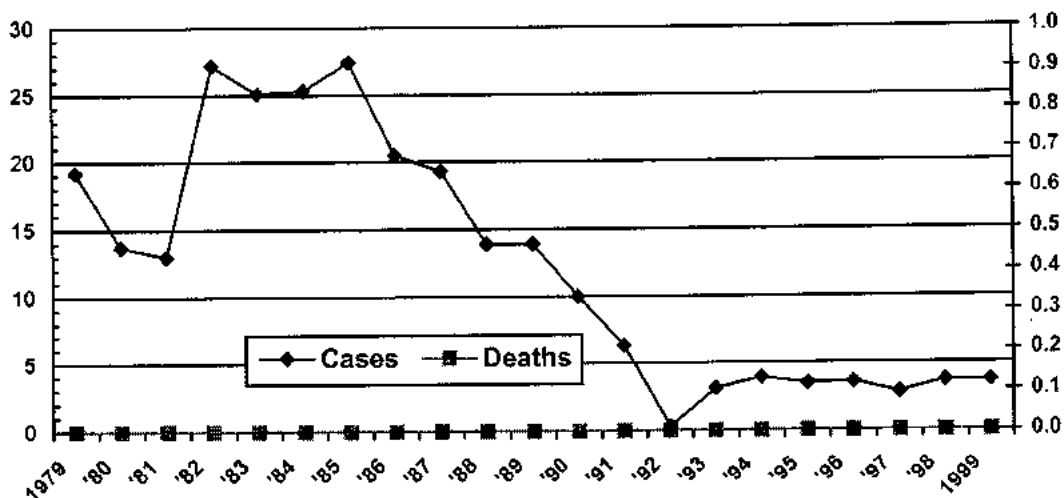
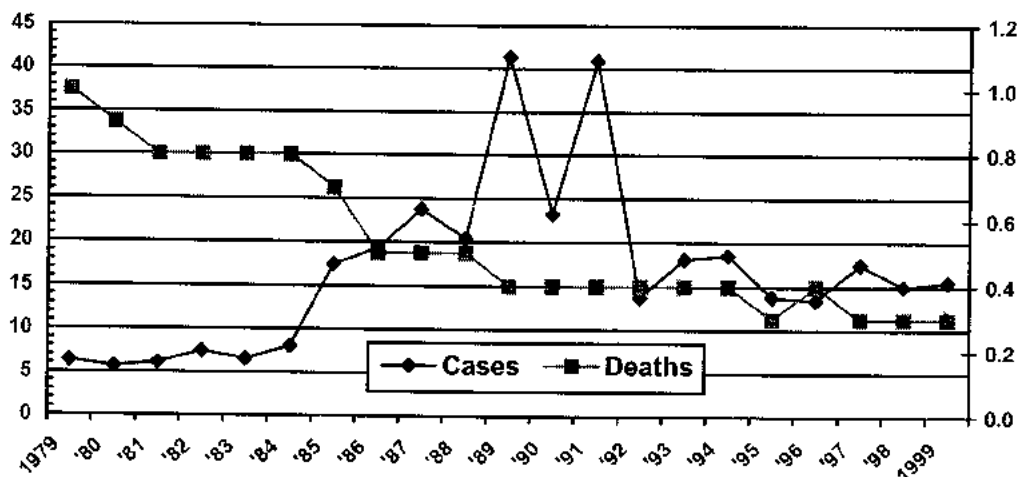


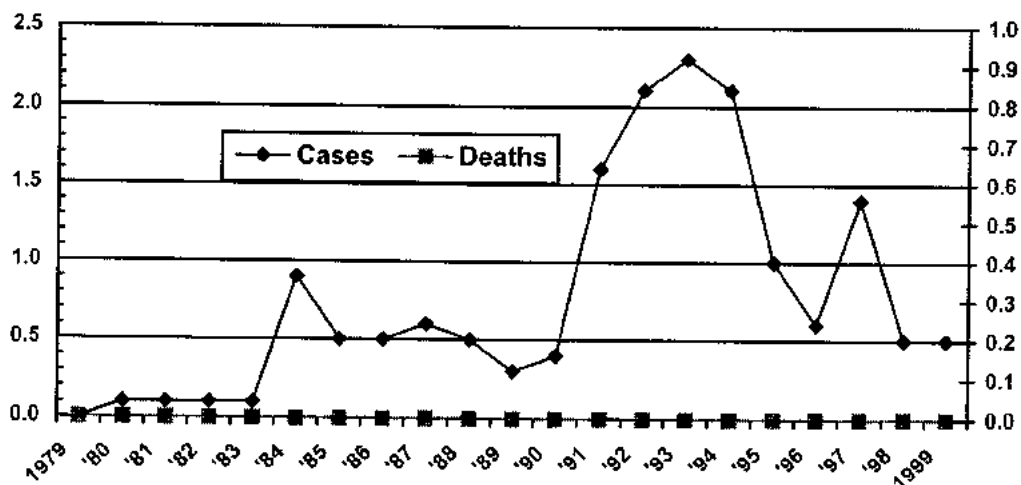
Figure 11

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1979-1999

Schistosomiasis



Filariasis



Malignant Neoplasm

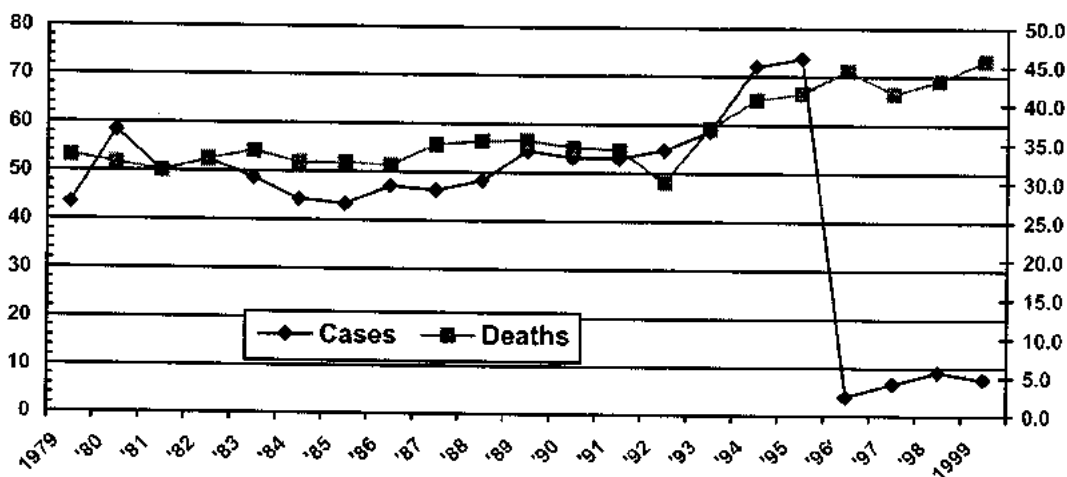
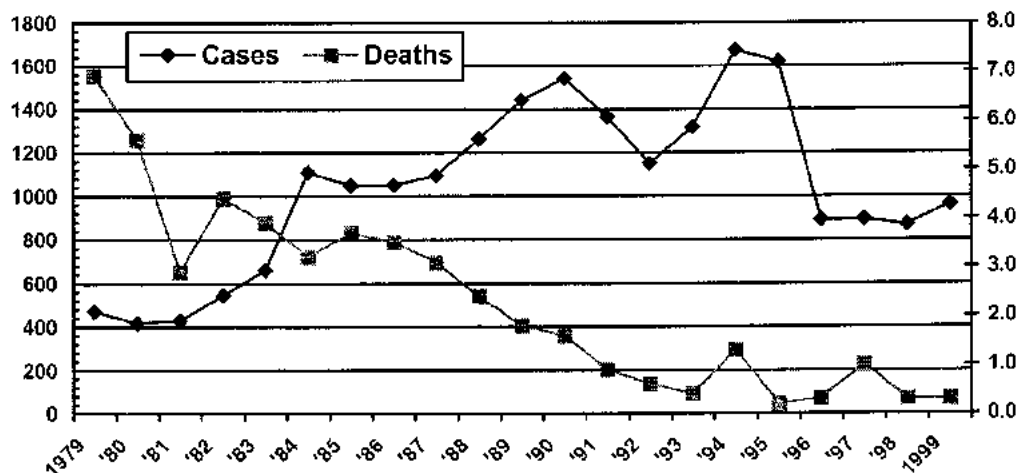


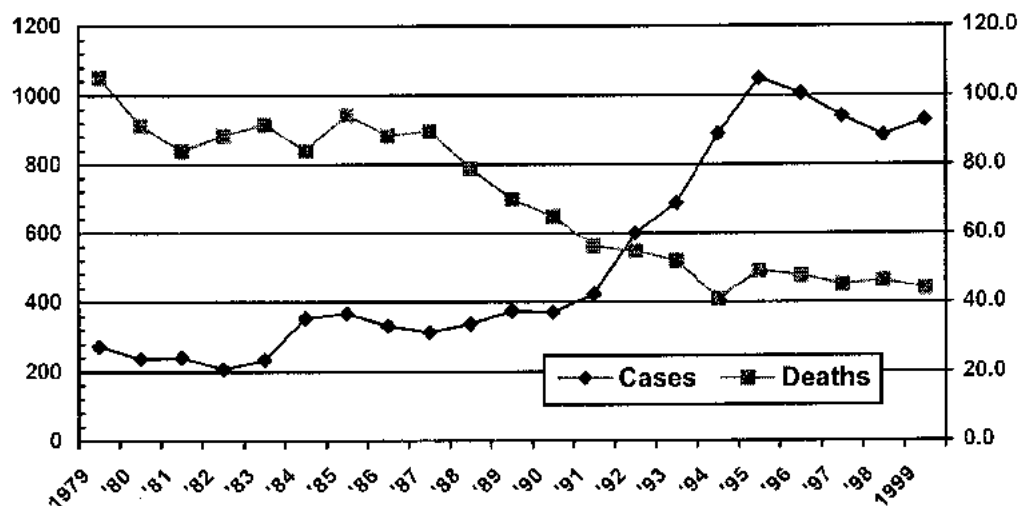
Figure 11

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1979-1999

Bronchitis



Pneumonias



Influenza

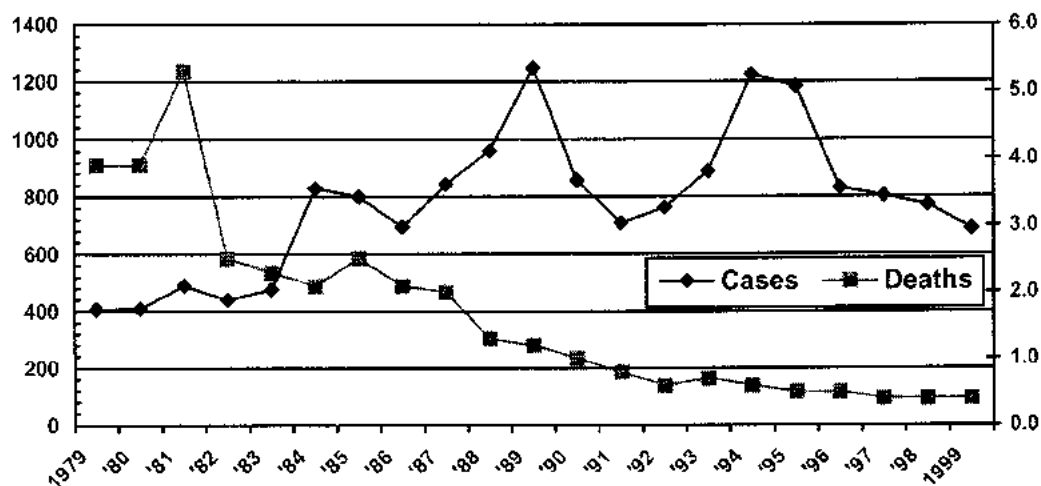


Figure 11

MORTALITY STATISTICS

Mortality statistics provide important information on the health status of the people. It reveals pattern of the causes of death in the community which are indications of the most life-threatening diseases prevalent in the living population. It indicates population's vulnerability to certain illnesses and signals government priorities in terms of health information and service provision. Moreover, it is essential in all countries, as they supply basic information for planning appropriate preventive measures, stimulating medical research, and highlighting topics of relevance in health education of the public.

The 1999 PHS presents different indicators on mortality such as Crude Death Rate (CDR), Infant Mortality Rate (IMR), Maternal Mortality Rate (MMR), Age-Specific Death Rate (ASDR) and percentage of death by leading cause. The CDR and deaths by leading cause includes deaths occurring in the entire population regardless of age. ASDR indicates rates of death at different ages or the relative exposure of population of subgroups to the risk of dying. IMR consider death to the most tender age, age less than one year old, when infants have not fully developed their immunity to certain diseases. MMR is an important indicator of women's health before and during childbirth.

Data used for the computation of these rates came from the vital registration records and the population was a projection from the 1995 census. Estimates should also be subjected to close scrutiny due to underreporting.

In addition to these indicators, special tables for child mortality are also presented. The tables feature the ten leading causes of death of children from three age-groups; 1-4, 5-9 and 10-14. These are intended for stakeholders who may consider population of age 1-14 as age of children. This report also includes tables for fetal deaths and late fetal deaths in addition and for further analysis of the fetal deaths.

GENERAL MORTALITY

In 1999, the Philippines has a crude death rate of 4.7 or a total 347,989 deaths from all causes and all ages. This is 1.4% and 2% decrease in number and rate respectively. The CDR is a 58% decrease in rate of a 50-year period from 1950 to 1999. (Table 4)

Among regions, death rates are high in Region 1 (6.6), followed by NCR (5.8) and Region 6 (5.6). Death rate is lowest in ARMM with 0.5 only per 1000 population of respective region. Out of 16 regions, eight (8) regions have death rates that fall below the national death rate of 4.7; six (6) regions have death rates above 4.7 and two (2) regions equal to national death rate. (Table 5). With respect to percent share from total deaths, NCR is the highest with 17%, followed by Region 4 (15%) and Region 3 (11%). ARMM has the least percent share in number of deaths which is 0.3% only. (Table 19).

Across all age-groups, male deaths are generally higher than female deaths. Male deaths are more than double of female deaths, specifically from 15 to 59 years old. The sex death ratio is 148 males for every 100 females. Male deaths is 32% higher than the female deaths.

It can also be noted that starting from age 10, age is directly proportional to the number of deaths. As age increases the number of deaths for both sexes also increases. This imply that as the person gets older, the higher is the risk of dying. Thus, population of age 70 years and over has the highest percent share from the total deaths which is 34.5%.

Table 21 presents the ten leading causes of mortality in 1999. Diseases of the Heart still tops the list accounting for 16.8% of total deaths, followed by Diseases of the Vascular System with 12.5%. In previous year, Pneumonia was third and Malignant Neoplasms was fourth. This year, the two diseases exchange ranks, but still in a very minimal difference in rate. Further, Diabetes Mellitus is now the 9th killer disease. Although, it is one rank lower than last year, it is 0.5% higher and just lowered by 0.9 in rate. Accidents (8.6%); Tuberculosis, all forms (8.3%); Chronic Obstructive Pulmonary Diseases and Allied Conditions (4.4%) and Nephritis, Nephrotic Syndrome and Nephrosis (2.2%) have maintained ranks 5,6,7 and 10 respectively. Certain Conditions Originating in the Perinatal Period is new in the list of ten leading causes of death which is 8th in rank. This is a result of the ICD-10 disease coding and tabulation.

Deaths from majority of these top killer diseases were not attended by a physician or medically trained personnel, any time during his illness or injuries which is a direct cause of death. Only deaths from Certain Conditions Originating in the Perinatal Period and Diabetes Mellitus have attended by medical doctor or allied health officer by at least 69% and 52% respectively. (Table 22)

It is interesting to note that in the Philippines, across all regions, only 38% of the total deaths are attended or are given medical care at any point in time during the course of the illness which directly caused death. This means that at least 6 out of 10 persons died were not given medical care. Only in NCR where more deaths (57%) were attended than not attended (43%). It is however expected because of numerous hospitals and/or health facilities, both public and private. (Table 23).

Mortality in this report was further lumped down into 17 Cause-Groups. The group of Diseases of the Circulatory System has the biggest percent share among 17 groups with 29.4%, followed by Diseases of the Respiratory System and Infective and Parasitic Diseases with 14.7% and 12.4% respectively. (Table 26)

The 17 Cause- Groups was further trimmed down into three bigger groups namely, Communicable Diseases, Malignant Neoplasm and Diseases of the Heart. Among the three, Communicable Diseases still has the highest rate of 98.7, 20% higher than Diseases of the Heart and almost 50% more deaths than Malignant Neoplasm. In general, if we consider all diseases causing death, more people die of communicable diseases like TB, Cholera, Measles, Dengue etc.(Table 27)

INFANT MORTALITY

Table 4 and Figure 5 show rates and trends of infant deaths in a 50-year period. Infant mortality rates continue to decline from 101.6 in 1950 to 15.6 in 1999, although, it can be noted also that in some years between 1950 to 1999, infant mortality rates tend to increase by at least 0.3 and at most 10 in every 1000 livebirths.

Among regions, infant mortality rate is lowest in ARMM with 1.9 and highest in NCR with 25.1. Infant mortality rates of other regions tend to lean towards the highest rate (25.1) than to lowest (1.9) which means that the 1999 IMR is relatively high in majority of the regions. (Table 31)

Table 31 shows that across all regions, infant mortality is generally higher for males than females. In every 14 male infant deaths, there correspond 10 female infant deaths. This is equal to a ratio of male to female infant deaths of 142. Male infant deaths is 58% of the total 25,168 infant deaths in 1999.

Respiratory Condition of Fetus and Newborn (18.3%), Pneumonia (14.8%) and Congenital Anomalies (11.5%) still lead the list of causes of infant deaths. While Diarrheal Diseases; Birth Injury and Difficult Labor; Septicemia; Avitaminoses and Other Nutritional Deficiency; Other Diseases of Respiratory System; and Measles continue to be listed as infant killer diseases with a slight change in their ranks. Sudden Infant Death Syndrome which is 8th in the list is a new disease classification that ever included in the leading causes of infant deaths. This is a product of the ICD-10 classification scheme. (Table 30).

More than half (57.3%) of 25,168 infant deaths are neonate or under 28 days (Table 29). The table also shows a difference of 2.2 in rate of under 28 days old compare to 28 days to under 1 year infant.

MATERNAL MORTALITY

Maternal deaths reported in 1999 is 1,348 and a rate of 0.8 per 1000 livebirths. The present number of cases is 15% lower than in 1998 and the rate is lowered by 0.2. Main causes of maternal deaths remain the same with Other Complications Related to Pregnancy Occurring in the Course of Labor, Delivery and Puerperium still topping the list with 38.2%. In the previous years, the phrase "Normal Delivery" was attached to this category. However, ICD-10 classifications invalidate the phrase for a simple reason that having a "normal delivery" is not a sickness itself. (Table 32)

Maternal mortality rate is high in CARAGA Region with 1.5, followed by Regions 8 and 9 with rates of 1.4 each. NCR and CAR have the lowest MMR of 0.5 only. In 1999, 10 out of 16 regions have MMR higher than the National rate of 0.8. However, only slight differences in rates can be noted among regions with rates higher than the National rate and among regions with rates lower than the National rate.

Table 33 concludes that the older the pregnant woman or mother, the higher is the risk of maternal death. Starting from women in the age-group 35-39 years, there is a continuous increase in MMR. Women of age 50 and over were recorded to have an MMR of 9.6.

In 1999, there is no maternal death reported in women or mothers in age under 15 years old, despite the registered 673 live births born of women under 15 years old.

FETAL DEATHS

The number of fetal deaths registered in 1999 are 9,841 and a rate of 6.1 per 1000 livebirths. There is a drastic increase of 58% from last year's (1998) fetal deaths of 6,232 only. A sudden decrease in fetal deaths in 1998 compare to 1997 could be attributed to a higher rate of underregistration which resulted to much smaller number of fetal deaths. In contrary, an examination of Table 4, will tell us that it is not an isolated event. An abrupt change in numbers of fetal deaths occurred many times from 1957 to 1999. These happened in 1998, 1992, 1986, 1973 and 1961. Therefore, we can still entertain a fact that registered fetal deaths were really low in 1998 and in those years and not just brought about by underregistration.

Mothers of three out of four fetal deaths in 1999 were medically attended at the time of fetus separation from the mother's womb. Table 34 shows that almost 75% of all fetal deaths were attended by a medical doctor or allied health professional which includes licensed midwife. However, a higher percentage of fetal deaths were attended by unlicensed midwife (16.7%) then by licensed midwife (9.9%).

Mothers who belong to 25-29 years old age bracket have the highest number of fetal deaths registered. The group comprises 24% of the total 9,841, followed by age 20-24 (23%) and 30-34 (20%). However, incidence of fetal death is high to mothers with age under 15 years old, the rate was computed at 16.3 per 1000 livebirths (Table 36)

Data also show that 2,379 or 24% of the total fetal deaths, occurred to mothers having their first pregnancy and/or first delivery. (Table 36).

LATE FETAL DEATHS

Late fetal deaths in 1999 were recorded at 4,702 with a rate of 2.9 per 1000 livebirths. Highest number of late fetal death occurred to mothers with age 25-29 years old with 1,173 late fetal deaths and incidence of late fetal death is high at a woman's eight and over pregnancy with 3.7 per 1000 livebirths of respective birth order.

However, it is important to note that a high number of late fetal death reported were lacking in information on age of mother and birth order. Thus, this number, if reported with complete information, may or may not significantly affect the present rate of late fetal deaths in the categories considered above.

CHILD MORTALITY

Table 38 presents the ten leading causes of child mortality by three age-groups and by sex. The age-groups considered in this report are 1-4; 5-9 and 10-14. Pneumonia tops the list in age-group 1-4 years old, while, for age-groups 5-9 and 10-14; Accident is the most common cause of death.

It can be noted that most of the leading diseases causing death in one age-group are also the leading causes of death to the other two age-groups, they only differ in ranks.

Table 18

Mortality: All Causes by Age-Group & Sex
Number, Rate/1,000 Population * & Percent Distribution
Philippines, 1999

| Age | Male | | Female | | Both Sexes | | |
|-----------------|----------------|------------|----------------|------------|----------------|------------|--------------|
| | Number | Rate | Number | Rate | Number | Rate | Percent |
| All Ages | 207,610 | 5.5 | 140,379 | 3.8 | 347,989 | 4.7 | 100.0 |
| Under 1year | 14,771 | 14.6 | 10,397 | 11.0 | 25,168 | 12.8 | 7.2 |
| 1 - 4 yrs. | 5,647 | 1.5 | 4,475 | 1.2 | 10,122 | 1.3 | 2.9 |
| 5 - 9 yrs. | 3,197 | 0.7 | 2,120 | 0.5 | 5,317 | 0.6 | 1.5 |
| 10 - 14 yrs. | 2,763 | 0.6 | 1,767 | 0.4 | 4,530 | 0.5 | 1.3 |
| 15 - 19 yrs. | 4,229 | 1.1 | 2,140 | 0.6 | 6,369 | 0.8 | 1.8 |
| 20 - 24 yrs. | 6,007 | 1.7 | 2,586 | 0.7 | 8,593 | 1.2 | 2.5 |
| 25 - 29 yrs. | 7,189 | 2.3 | 3,010 | 1.0 | 10,199 | 1.6 | 2.9 |
| 30 - 34 yrs. | 7,729 | 2.8 | 3,410 | 1.3 | 11,139 | 2.0 | 3.2 |
| 35 - 39 yrs. | 9,314 | 4.0 | 4,261 | 1.8 | 13,575 | 2.9 | 3.9 |
| 40 - 44 yrs. | 10,239 | 5.1 | 4,863 | 2.5 | 15,102 | 3.8 | 4.3 |
| 45 - 49 yrs. | 12,275 | 7.5 | 5,689 | 3.5 | 17,964 | 5.5 | 5.2 |
| 50 - 54 yrs. | 13,714 | 10.5 | 6,564 | 5.0 | 20,278 | 7.7 | 5.8 |
| 55 - 59 yrs. | 15,217 | 15.1 | 7,350 | 7.1 | 22,567 | 11.1 | 6.5 |
| 60 - 64 yrs. | 17,887 | 23.4 | 9,671 | 12.0 | 27,558 | 17.6 | 7.9 |
| 65 - 69 yrs. | 17,815 | 32.2 | 11,191 | 18.4 | 29,006 | 25.0 | 8.3 |
| 70 yrs. & Over | 59,262 | 76.4 | 60,639 | 62.9 | 119,901 | 68.9 | 34.5 |
| Not Stated | 355 | ** | 246 | ** | 601 | ** | 0.2 |

*rate is per 1000 population of specific age group

** rate cannot be computed, age non categorical

MORTALITY : ALL CAUSES BY AGE-GROUP
 Rate / 1,000 Population
 Philippines, 1999

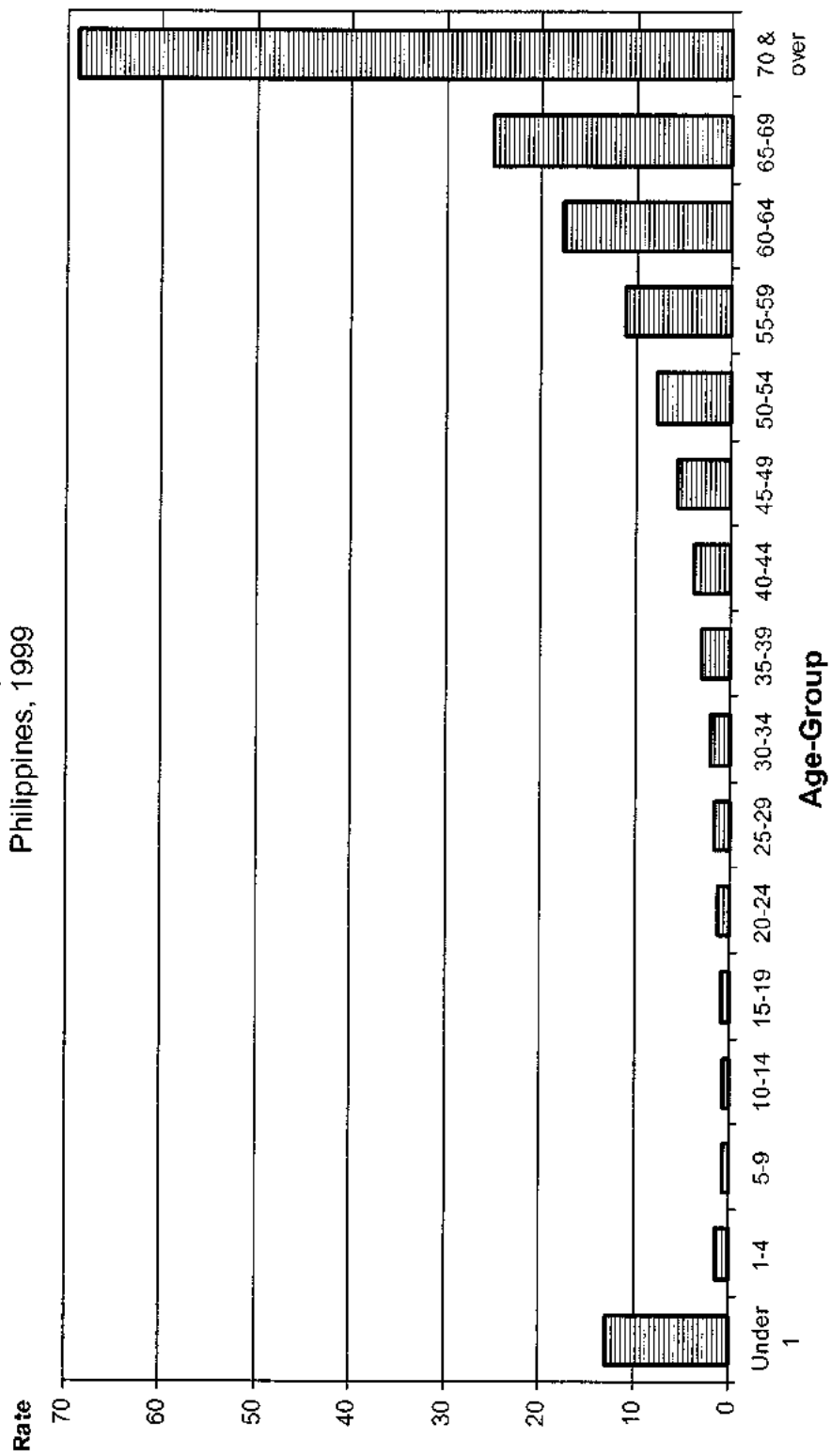


Figure 12

Table 19

Mortality: All Causes by Sex & Region
Number , Rate/1,000 Population & Percent Distribution
Philippines, 1999

| Area | Male | Female | Both Sexes | | |
|-------------------------|----------------|----------------|----------------|------------|--------------|
| | Number | Number | Number | Rate * | % ** |
| Philippines | 207,610 | 140,379 | 347,989 | 4.7 | 100.0 |
| National Capital Region | 34,943 | 23,827 | 58,770 | 5.8 | 16.9 |
| C.A.R. | 3,035 | 1,977 | 5,012 | 3.7 | 1.4 |
| Region 1 | 15,438 | 11,404 | 26,842 | 6.6 | 7.7 |
| Region 2 | 7,735 | 5,121 | 12,856 | 4.7 | 3.7 |
| Region 3 | 22,093 | 15,809 | 37,902 | 5.0 | 10.9 |
| Region 4 | 31,126 | 21,031 | 52,157 | 4.7 | 15.0 |
| Region 5 | 13,732 | 9,604 | 23,336 | 5.0 | 6.7 |
| Region 6 | 20,053 | 13,457 | 33,510 | 5.4 | 9.6 |
| Region 7 | 16,536 | 12,238 | 28,774 | 5.3 | 8.3 |
| Region 8 | 9,125 | 6,166 | 15,291 | 4.2 | 4.4 |
| Region 9 | 5,781 | 3,506 | 9,287 | 3.0 | 2.7 |
| Region 10 | 6,313 | 3,843 | 10,156 | 3.7 | 2.9 |
| Region 11 | 11,867 | 6,860 | 18,727 | 3.7 | 5.4 |
| Region 12 | 4,601 | 2,522 | 7,123 | 2.7 | 2.0 |
| ARMM | 772 | 287 | 1,059 | 0.5 | 0.3 |
| CARAGA | 4,460 | 2,727 | 7,187 | 3.4 | 2.1 |

* rate is per 1000 of regional population

** percent share from total deaths

MORTALITY : ALL CAUSES BY REGION

Percent Distribution
Philippines, 1999

Percent

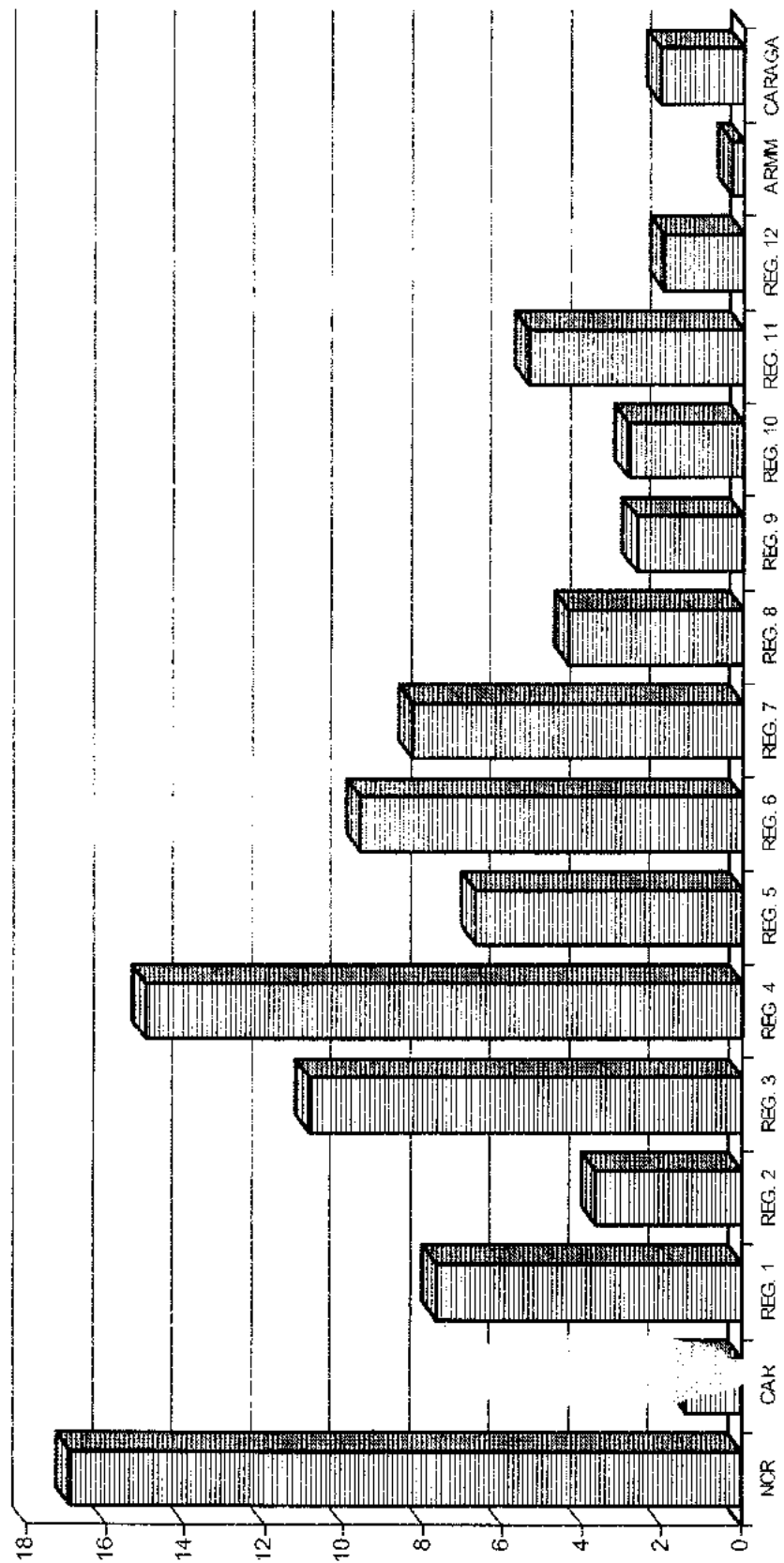


Figure 13

Table 20

Mortality: All Causes by Age, Sex & Region
Number & Percent Distribution
Philippines, 1999

| Age Group | Region 1 Ilocos Norte | | | | Region 2 Cagayan Valley | | | |
|-----------------|--------------------------|---------------|---------------|--------------|----------------------------|--------------|---------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 15,588 | 11,510 | 27,098 | 100.0 | 7,816 | 5,174 | 12,990 | 100.0 |
| Under 1 year | 1,035 | 768 | 1,803 | 6.7 | 435 | 296 | 731 | 5.6 |
| 1 - 4 yrs. | 356 | 287 | 643 | 2.4 | 204 | 126 | 330 | 2.5 |
| 5 - 9 yrs. | 191 | 153 | 344 | 1.3 | 116 | 61 | 177 | 1.4 |
| 10 - 14 yrs. | 187 | 134 | 321 | 1.2 | 95 | 72 | 167 | 1.3 |
| 15 - 19 yrs. | 307 | 131 | 438 | 1.6 | 169 | 80 | 249 | 1.9 |
| 20 - 24 yrs. | 367 | 149 | 516 | 1.9 | 183 | 87 | 270 | 2.1 |
| 25 - 29 yrs. | 383 | 179 | 562 | 2.1 | 251 | 110 | 361 | 2.8 |
| 30 - 34 yrs. | 488 | 234 | 722 | 2.7 | 250 | 94 | 344 | 2.6 |
| 35 - 39 yrs. | 560 | 275 | 835 | 3.1 | 331 | 166 | 497 | 3.8 |
| 40 - 44 yrs. | 665 | 276 | 941 | 3.5 | 381 | 180 | 561 | 4.3 |
| 45 - 49 yrs. | 781 | 379 | 1,160 | 4.3 | 466 | 206 | 672 | 5.2 |
| 50 - 54 yrs. | 1,057 | 470 | 1,527 | 5.6 | 501 | 246 | 747 | 5.8 |
| 55 - 59 yrs. | 1,176 | 486 | 1,662 | 6.1 | 561 | 256 | 817 | 6.3 |
| 60 - 64 yrs. | 1,320 | 637 | 1,957 | 7.2 | 767 | 405 | 1,172 | 9.0 |
| 65 - 69 yrs. | 1,264 | 750 | 2,014 | 7.4 | 670 | 405 | 1,075 | 8.3 |
| 70 yrs. & Over | 5,435 | 6,191 | 11,626 | 42.9 | 2,429 | 2,380 | 4,809 | 37.0 |
| Not Stated | 16 | 11 | 27 | 0.1 | 7 | 4 | 11 | 0.1 |

| Age Group | Region 3 Central Luzon | | | | Region 4 Southern Tagalog | | | |
|-----------------|---------------------------|---------------|---------------|--------------|------------------------------|---------------|---------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 22,662 | 16,201 | 38,863 | 100.0 | 32,725 | 22,269 | 54,994 | 100.0 |
| Under 1 year | 1,363 | 862 | 2,225 | 5.7 | 2,420 | 1,711 | 4,131 | 7.5 |
| 1 - 4 yrs. | 520 | 412 | 932 | 2.4 | 883 | 752 | 1,635 | 3.0 |
| 5 - 9 yrs. | 322 | 195 | 517 | 1.3 | 513 | 364 | 877 | 1.6 |
| 10 - 14 yrs. | 301 | 193 | 494 | 1.3 | 489 | 270 | 759 | 1.4 |
| 15 - 19 yrs. | 432 | 233 | 665 | 1.7 | 656 | 367 | 1,023 | 1.9 |
| 20 - 24 yrs. | 575 | 284 | 859 | 2.2 | 958 | 416 | 1,374 | 2.5 |
| 25 - 29 yrs. | 707 | 344 | 1,051 | 2.7 | 1,210 | 485 | 1,695 | 3.1 |
| 30 - 34 yrs. | 768 | 388 | 1,156 | 3.0 | 1,317 | 552 | 1,869 | 3.4 |
| 35 - 39 yrs. | 965 | 484 | 1,449 | 3.7 | 1,498 | 705 | 2,203 | 4.0 |
| 40 - 44 yrs. | 1,057 | 586 | 1,643 | 4.2 | 1,704 | 810 | 2,514 | 4.6 |
| 45 - 49 yrs. | 1,300 | 734 | 2,034 | 5.2 | 2,043 | 887 | 2,930 | 5.3 |
| 50 - 54 yrs. | 1,630 | 841 | 2,471 | 6.4 | 2,252 | 1,088 | 3,340 | 6.1 |
| 55 - 59 yrs. | 1,791 | 828 | 2,619 | 6.7 | 2,334 | 1,174 | 3,508 | 6.4 |
| 60 - 64 yrs. | 2,086 | 1,103 | 3,189 | 8.2 | 2,831 | 1,506 | 4,337 | 7.9 |
| 65 - 69 yrs. | 2,097 | 1,366 | 3,463 | 8.9 | 2,849 | 1,803 | 4,652 | 8.5 |
| 70 yrs. & Over | 6,693 | 7,301 | 13,994 | 36.0 | 8,721 | 9,337 | 18,058 | 32.8 |
| Not Stated | 55 | 47 | 102 | 0.3 | 47 | 42 | 89 | 0.2 |

Table 20

Mortality: All Causes by Age, Sex & Region
Number & Percent Distribution
Philippines, 1999

| Age Group | Region 5 Bicol Region | | | | Region 6 Western Visayas | | | |
|-----------------|--------------------------|--------------|---------------|--------------|-----------------------------|---------------|---------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 13,873 | 9,701 | 23,574 | 100.0 | 20,106 | 13,492 | 33,598 | 100.0 |
| Under 1 year | 879 | 615 | 1,494 | 6.3 | 973 | 708 | 1,681 | 5.0 |
| 1 - 4 yrs. | 560 | 472 | 1,032 | 4.4 | 486 | 341 | 827 | 2.5 |
| 5 - 9 yrs. | 275 | 194 | 469 | 2.0 | 294 | 162 | 456 | 1.4 |
| 10 - 14 yrs. | 248 | 167 | 415 | 1.8 | 242 | 178 | 420 | 1.3 |
| 15 - 19 yrs. | 300 | 155 | 455 | 1.9 | 395 | 176 | 571 | 1.7 |
| 20 - 24 yrs. | 392 | 197 | 589 | 2.5 | 534 | 163 | 697 | 2.1 |
| 25 - 29 yrs. | 387 | 209 | 596 | 2.5 | 660 | 226 | 886 | 2.6 |
| 30 - 34 yrs. | 463 | 241 | 704 | 3.0 | 703 | 290 | 993 | 3.0 |
| 35 - 39 yrs. | 523 | 267 | 790 | 3.4 | 902 | 361 | 1,263 | 3.8 |
| 40 - 44 yrs. | 542 | 290 | 832 | 3.5 | 917 | 389 | 1,306 | 3.9 |
| 45 - 49 yrs. | 683 | 357 | 1,040 | 4.4 | 1,137 | 494 | 1,631 | 4.9 |
| 50 - 54 yrs. | 884 | 395 | 1,279 | 5.4 | 1,238 | 574 | 1,812 | 5.4 |
| 55 - 59 yrs. | 1,046 | 456 | 1,502 | 6.4 | 1,546 | 776 | 2,322 | 6.9 |
| 60 - 64 yrs. | 1,097 | 584 | 1,681 | 7.1 | 1,796 | 918 | 2,714 | 8.1 |
| 65 - 69 yrs. | 1,220 | 746 | 1,966 | 8.3 | 1,722 | 1,046 | 2,768 | 8.2 |
| 70 yrs. & Over | 4,353 | 4,347 | 8,700 | 36.9 | 6,542 | 6,674 | 13,216 | 39.3 |
| Not Stated | 21 | 9 | 30 | 0.1 | 19 | 16 | 35 | 0.1 |

| Age Group | Region 7 Central Visayas | | | | Region 8 Eastern Visayas | | | |
|-----------------|-----------------------------|---------------|---------------|--------------|-----------------------------|--------------|---------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 16,512 | 12,176 | 28,688 | 100.0 | 9,197 | 6,224 | 15,421 | 100.0 |
| Under 1 year | 1,167 | 821 | 1,988 | 6.9 | 483 | 315 | 798 | 5.2 |
| 1 - 4 yrs. | 466 | 355 | 821 | 2.9 | 272 | 233 | 505 | 3.3 |
| 5 - 9 yrs. | 228 | 172 | 400 | 1.4 | 176 | 102 | 278 | 1.8 |
| 10 - 14 yrs. | 205 | 126 | 331 | 1.2 | 130 | 91 | 221 | 1.4 |
| 15 - 19 yrs. | 280 | 172 | 452 | 1.6 | 180 | 99 | 279 | 1.8 |
| 20 - 24 yrs. | 394 | 223 | 617 | 2.2 | 255 | 106 | 361 | 2.3 |
| 25 - 29 yrs. | 471 | 246 | 717 | 2.5 | 319 | 123 | 442 | 2.9 |
| 30 - 34 yrs. | 491 | 272 | 763 | 2.7 | 302 | 128 | 430 | 2.8 |
| 35 - 39 yrs. | 696 | 336 | 1,032 | 3.6 | 363 | 158 | 521 | 3.4 |
| 40 - 44 yrs. | 719 | 387 | 1,106 | 3.9 | 400 | 193 | 593 | 3.8 |
| 45 - 49 yrs. | 900 | 442 | 1,342 | 4.7 | 453 | 220 | 673 | 4.4 |
| 50 - 54 yrs. | 882 | 478 | 1,360 | 4.7 | 523 | 279 | 802 | 5.2 |
| 55 - 59 yrs. | 1,208 | 658 | 1,866 | 6.5 | 650 | 341 | 991 | 6.4 |
| 60 - 64 yrs. | 1,373 | 858 | 2,231 | 7.8 | 802 | 490 | 1,292 | 8.4 |
| 65 - 69 yrs. | 1,457 | 969 | 2,426 | 8.5 | 843 | 523 | 1,366 | 8.9 |
| 70 yrs. & Over | 5,562 | 5,641 | 11,203 | 39.1 | 3,026 | 2,813 | 5,839 | 37.9 |
| Not Stated | 13 | 20 | 33 | 0.1 | 20 | 10 | 30 | 0.2 |

Table 20

Mortality: All Causes by Age, Sex & Region
Number & Percent Distribution
Philippines, 1999

| Age Group | Region 9 Western Mindanao | | | | Region 10 Northern Mindanao | | | |
|-----------------|------------------------------|--------------|--------------|--------------|--------------------------------|--------------|---------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 5,789 | 3,544 | 9,333 | 100.0 | 6,282 | 3,848 | 10,130 | 100.0 |
| Under 1 year | 348 | 232 | 580 | 6.2 | 366 | 233 | 599 | 5.9 |
| 1 - 4 yrs. | 134 | 106 | 240 | 2.6 | 148 | 95 | 243 | 2.4 |
| 5 - 9 yrs. | 88 | 66 | 154 | 1.7 | 102 | 53 | 155 | 1.5 |
| 10 - 14 yrs. | 81 | 46 | 127 | 1.4 | 88 | 50 | 138 | 1.4 |
| 15 - 19 yrs. | 144 | 59 | 203 | 2.2 | 135 | 66 | 201 | 2.0 |
| 20 - 24 yrs. | 201 | 86 | 287 | 3.1 | 196 | 77 | 273 | 2.7 |
| 25 - 29 yrs. | 235 | 109 | 344 | 3.7 | 242 | 86 | 328 | 3.2 |
| 30 - 34 yrs. | 236 | 96 | 332 | 3.6 | 214 | 89 | 303 | 3.0 |
| 35 - 39 yrs. | 301 | 121 | 422 | 4.5 | 289 | 144 | 433 | 4.3 |
| 40 - 44 yrs. | 343 | 147 | 490 | 5.3 | 327 | 139 | 466 | 4.6 |
| 45 - 49 yrs. | 373 | 156 | 529 | 5.7 | 399 | 189 | 588 | 5.8 |
| 50 - 54 yrs. | 361 | 181 | 542 | 5.8 | 372 | 166 | 538 | 5.3 |
| 55 - 59 yrs. | 440 | 236 | 676 | 7.2 | 439 | 186 | 625 | 6.2 |
| 60 - 64 yrs. | 501 | 289 | 790 | 8.5 | 532 | 313 | 845 | 8.3 |
| 65 - 69 yrs. | 496 | 319 | 815 | 8.7 | 571 | 350 | 921 | 9.1 |
| 70 yrs. & Over | 1,491 | 1,294 | 2,785 | 29.8 | 1,855 | 1,609 | 3,464 | 34.2 |
| Not Stated | 16 | 1 | 17 | 0.2 | 7 | 3 | 10 | 0.10 |

| Age Group | Region 11 Southern Mindanao | | | | Region 12 Central Mindanao | | | |
|-----------------|--------------------------------|--------------|---------------|--------------|-------------------------------|--------------|--------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 11,759 | 6,797 | 18,556 | 100.0 | 4,600 | 2,543 | 7,143 | 100.0 |
| Under 1 year | 497 | 359 | 856 | 4.6 | 192 | 135 | 327 | 4.6 |
| 1 - 4 yrs. | 262 | 206 | 468 | 2.5 | 119 | 86 | 205 | 2.9 |
| 5 - 9 yrs. | 194 | 118 | 312 | 1.7 | 84 | 69 | 153 | 2.1 |
| 10 - 14 yrs. | 170 | 117 | 287 | 1.5 | 74 | 44 | 118 | 1.7 |
| 15 - 19 yrs. | 309 | 150 | 459 | 2.5 | 98 | 61 | 159 | 2.2 |
| 20 - 24 yrs. | 397 | 151 | 548 | 3.0 | 173 | 61 | 234 | 3.3 |
| 25 - 29 yrs. | 448 | 175 | 623 | 3.4 | 212 | 63 | 275 | 3.8 |
| 30 - 34 yrs. | 491 | 227 | 718 | 3.9 | 195 | 79 | 274 | 3.8 |
| 35 - 39 yrs. | 583 | 256 | 839 | 4.5 | 249 | 105 | 354 | 5.0 |
| 40 - 44 yrs. | 666 | 258 | 924 | 5.0 | 274 | 127 | 401 | 5.6 |
| 45 - 49 yrs. | 742 | 343 | 1,085 | 5.8 | 295 | 108 | 403 | 5.6 |
| 50 - 54 yrs. | 774 | 364 | 1,138 | 6.1 | 315 | 145 | 460 | 6.4 |
| 55 - 59 yrs. | 870 | 412 | 1,282 | 6.9 | 348 | 145 | 493 | 6.9 |
| 60 - 64 yrs. | 1,034 | 519 | 1,553 | 8.4 | 373 | 183 | 556 | 7.8 |
| 65 - 69 yrs. | 995 | 555 | 1,550 | 8.4 | 396 | 251 | 647 | 9.1 |
| 70 yrs. & Over | 3,315 | 2,583 | 5,898 | 31.8 | 1,198 | 880 | 2,078 | 29.1 |
| Not Stated | 12 | 4 | 16 | 0.1 | 5 | 1 | 6 | 0.1 |

Table 20

Mortality: All Causes by Age, Sex & Region
Number & Percent Distribution
Philippines, 1999

| Age Group | National Capital Region (N.C.R.) | | | | Cordillera Administrative Region (C.A.R.) | | | |
|-----------------|-------------------------------------|---------------|---------------|--------------|--|--------------|--------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 32,183 | 21,840 | 54,023 | 100.0 | 2,958 | 1,915 | 4,873 | 100.0 |
| Under 1 year | 4,169 | 3,022 | 7,191 | 13.3 | 205 | 154 | 359 | 7.4 |
| 1 - 4 yrs. | 1,056 | 877 | 1,933 | 3.6 | 53 | 34 | 87 | 1.8 |
| 5 - 9 yrs. | 450 | 330 | 780 | 1.4 | 52 | 22 | 74 | 1.5 |
| 10 - 14 yrs. | 323 | 207 | 530 | 1.0 | 41 | 23 | 64 | 1.3 |
| 15 - 19 yrs. | 620 | 306 | 926 | 1.7 | 82 | 25 | 107 | 2.2 |
| 20 - 24 yrs. | 1,129 | 494 | 1,623 | 3.0 | 79 | 32 | 111 | 2.3 |
| 25 - 29 yrs. | 1,363 | 535 | 1,898 | 3.5 | 75 | 33 | 108 | 2.2 |
| 30 - 34 yrs. | 1,450 | 602 | 2,052 | 3.8 | 93 | 40 | 133 | 2.7 |
| 35 - 39 yrs. | 1,628 | 716 | 2,344 | 4.3 | 124 | 50 | 174 | 3.6 |
| 40 - 44 yrs. | 1,784 | 899 | 2,683 | 5.0 | 129 | 57 | 186 | 3.8 |
| 45 - 49 yrs. | 2,176 | 973 | 3,149 | 5.8 | 172 | 49 | 221 | 4.5 |
| 50 - 54 yrs. | 2,377 | 1,105 | 3,482 | 6.4 | 175 | 78 | 253 | 5.2 |
| 55 - 59 yrs. | 2,170 | 1,088 | 3,258 | 6.0 | 196 | 113 | 309 | 6.3 |
| 60 - 64 yrs. | 2,610 | 1,480 | 4,090 | 7.6 | 281 | 144 | 425 | 8.7 |
| 65 - 69 yrs. | 2,484 | 1,692 | 4,176 | 7.7 | 265 | 153 | 418 | 8.6 |
| 70 yrs. & Over | 6,307 | 7,461 | 13,768 | 25.5 | 919 | 893 | 1,812 | 37.2 |
| Not Stated | 87 | 53 | 140 | 0.3 | 17 | 15 | 32 | 0.7 |

| Age Group | Autonomous Region for Muslim Mindanao (ARMM) | | | | CARAGA | | | |
|-----------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Male | Female | Both Sexes | | Male | Female | Both Sexes | |
| | Number | Number | Number | % | Number | Number | Number | % |
| All Ages | 903 | 325 | 1,228 | 100.0 | 4,570 | 2,779 | 7,349 | 100.0 |
| Under 1 year | 11 | 3 | 14 | 1.1 | 228 | 162 | 390 | 5.3 |
| 1 - 4 yrs. | 12 | 7 | 19 | 1.5 | 116 | 86 | 202 | 2.7 |
| 5 - 9 yrs. | 13 | 6 | 19 | 1.5 | 99 | 53 | 152 | 2.1 |
| 10 - 14 yrs. | 20 | 4 | 24 | 2.0 | 69 | 45 | 114 | 1.6 |
| 15 - 19 yrs. | 17 | 7 | 24 | 2.0 | 105 | 52 | 157 | 2.1 |
| 20 - 24 yrs. | 36 | 8 | 44 | 3.6 | 136 | 52 | 188 | 2.6 |
| 25 - 29 yrs. | 45 | 15 | 60 | 4.9 | 179 | 70 | 249 | 3.4 |
| 30 - 34 yrs. | 63 | 15 | 78 | 6.4 | 195 | 61 | 256 | 3.5 |
| 35 - 39 yrs. | 71 | 18 | 89 | 7.2 | 227 | 95 | 322 | 4.4 |
| 40 - 44 yrs. | 69 | 22 | 91 | 7.4 | 256 | 102 | 358 | 4.9 |
| 45 - 49 yrs. | 82 | 29 | 111 | 9.0 | 269 | 120 | 389 | 5.3 |
| 50 - 54 yrs. | 76 | 27 | 103 | 8.4 | 287 | 121 | 408 | 5.6 |
| 55 - 59 yrs. | 71 | 22 | 93 | 7.6 | 362 | 170 | 532 | 7.2 |
| 60 - 64 yrs. | 84 | 29 | 113 | 9.2 | 391 | 212 | 603 | 8.2 |
| 65 - 69 yrs. | 67 | 25 | 92 | 7.5 | 413 | 235 | 648 | 8.8 |
| 70 yrs. & Over | 155 | 80 | 235 | 19.1 | 1,236 | 1,141 | 2,377 | 32.3 |
| Not Stated | 11 | 8 | 19 | 1.5 | 2 | 2 | 4 | 0.1 |

Table 20

Mortality: All Causes by Age, Sex & Region
Number & Percent Distribution
Philippines, 1999

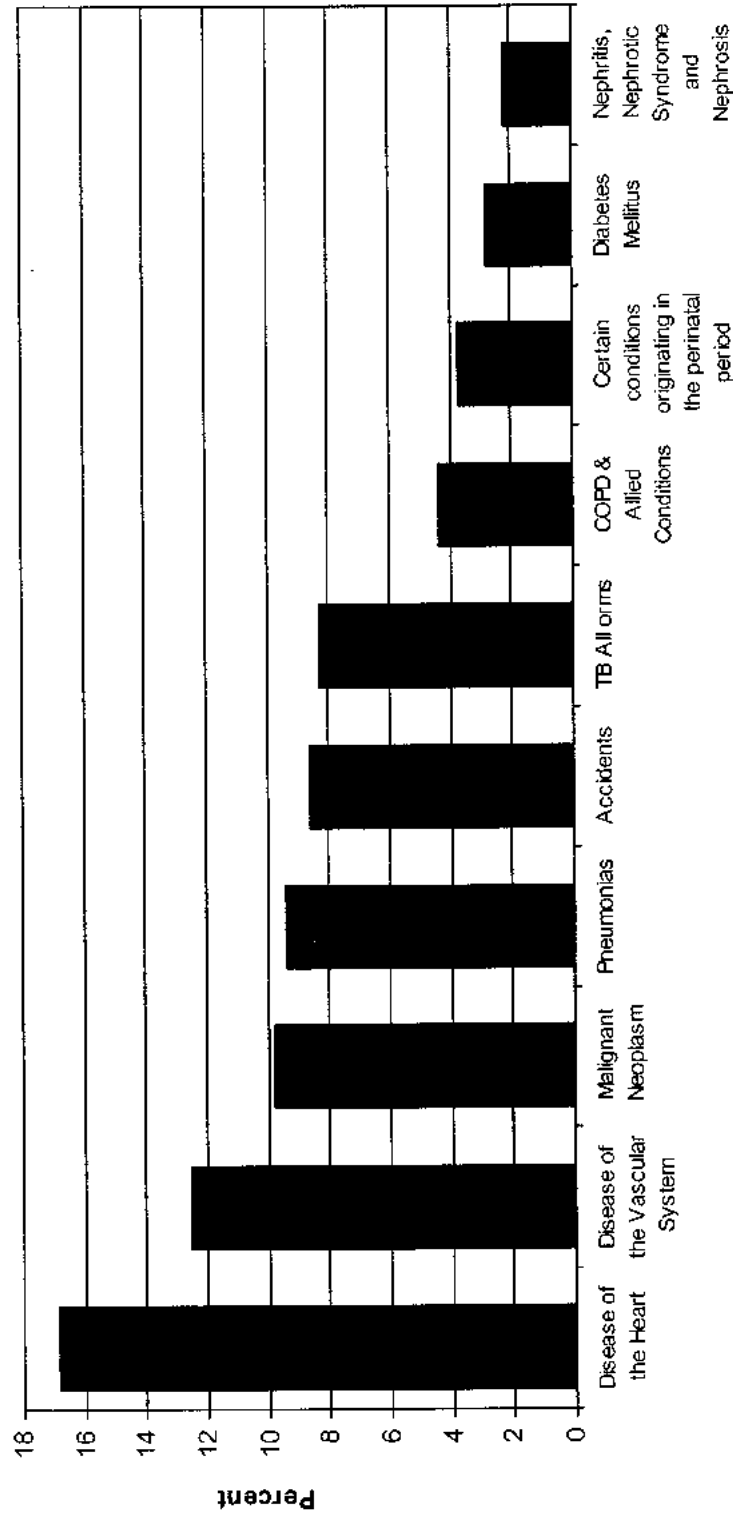
| Age Group | Residence Not Stated | | | |
|-----------------|----------------------|-----------|------------|--------------|
| | Male | Female | Both Sexes | Percent |
| All Ages | 87 | 41 | 128 | 100.0 |
| Under 1 year | 0 | 1 | 1 | 0.8 |
| 1 - 4 yrs. | 0 | 0 | 0 | 0.0 |
| 5 - 9 yrs. | 0 | 0 | 0 | 0.0 |
| 10 - 14 yrs. | 0 | 0 | 0 | 0.0 |
| 15 - 19 yrs. | 0 | 1 | 1 | 0.8 |
| 20 - 24 yrs. | 2 | 0 | 2 | 1.6 |
| 25 - 29 yrs. | 2 | 2 | 4 | 3.1 |
| 30 - 34 yrs. | 10 | 2 | 12 | 9.4 |
| 35 - 39 yrs. | 4 | 4 | 8 | 6.3 |
| 40 - 44 yrs. | 6 | 1 | 7 | 5.5 |
| 45 - 49 yrs. | 4 | 3 | 7 | 5.5 |
| 50 - 54 yrs. | 10 | 6 | 16 | 12.5 |
| 55 - 59 yrs. | 9 | 3 | 12 | 9.4 |
| 60 - 64 yrs. | 9 | 1 | 10 | 7.8 |
| 65 - 69 yrs. | 6 | 3 | 9 | 7.0 |
| 70 yrs. & Over | 25 | 14 | 39 | 30.5 |
| Not Stated | 0 | 0 | 0 | 0.0 |

Table 21

**Mortality: Ten (10) Leading Causes
Number & Rate/100,000 Population
Philippines, 1999**

| CAUSE OF DEATH | Male Number | Female Number | Both Sexes | | |
|---|----------------|------------------|------------|------|------|
| | | | Number | Rate | % * |
| 1. Diseases of the Heart (I00-09;I11;I13;I21-I52) | 33,647 | 24,927 | 58,574 | 78.4 | 16.8 |
| 2. Diseases of the Vascular System (I10; I12,I15; I60-I69; I70-I78; I80-L99) | 24,696 | 18,975 | 43,671 | 58.4 | 12.5 |
| 3. Malignant Neoplasms (C00-C97) | 18,333 | 15,905 | 34,238 | 45.8 | 9.8 |
| 4. Pneumonia (J12-J18) | 16,540 | 16,343 | 32,883 | 44.0 | 9.4 |
| 5. Accidents (V01-X59; Y40-Y89)) | 24,308 | 5,718 | 30,026 | 40.2 | 8.6 |
| 6. Tuberculosis, All Forms (A10-A18; B90) | 19,632 | 9,272 | 28,904 | 38.7 | 8.3 |
| 7. Chronic Obstructive Pulmonary Diseases and Allied Conditions (J90-J96) | 10,159 | 5,004 | 15,163 | 20.3 | 4.4 |
| 8. Certain Conditions Originating in the Peri-natal Period (P00-P99) | 7,664 | 5,136 | 12,800 | 17.1 | 3.7 |
| 9. Diabetes Mellitus (E10-E14) | 4,716 | 5,033 | 9,749 | 13.0 | 2.8 |
| 10. Nephritis, Nephrotic Syndrome and Nephrosis (N00-N05; N17; N19; N25; N27) | 4,441 | 3,103 | 7,544 | 10.1 | 2.2 |

Mortality: Ten (10) Leading Causes Percent Distribution Philippines, 1999



Leading Causes

Figure 14

Table 22

**Mortality: Ten (10) Leading Causes by Attendance
Number & Percent Distribution
Philippines, 1999**

| Cause | Total Deaths | Attended | | Not Attended | |
|---|-----------------|----------|----------------|--------------|----------------|
| | | Number | % [*] | Number | % [*] |
| 1. Diseases of the Heart (I00-I09; I11; I13; I21-I52) | 58,574 | 20,269 | 34.6 | 38,305 | 65.40 |
| 2. Diseases of the Vascular System (I10; I12; I15; I60-I69; I70-I78; I80-L99) | 43,671 | 17,203 | 39.4 | 26,468 | 60.6 |
| 3. Malignant Neoplasms (C00-C97) | 34,238 | 14,298 | 41.8 | 19,940 | 58.2 |
| 4. Pneumonia (J12-J18) | 32,883 | 7,902 | 24.0 | 24,981 | 76.0 |
| 5. Accidents (V01-X59; Y40-Y89) | 30,026 | 9,186 | 30.6 | 20,840 | 69.4 |
| 6. Tuberculosis, All Forms (A10-A18; B90) | 28,904 | 11,699 | 40.5 | 17,205 | 59.5 |
| 7. Chronic Obstructive Pulmonary Diseases and Allied Conditions (J40-J47) | 15,163 | 5,342 | 35.2 | 9,821 | 64.8 |
| 8. Certain Conditions Originating in the Perinatal Period (P00-P99) | 12,800 | 8,794 | 68.7 | 4,006 | 31.3 |
| 9. Diabetes Mellitus (E10-E14) | 9,749 | 5,035 | 51.6 | 4,714 | 48.4 |
| 10. Nephritis, Nephrotic Syndrome and Nephrosis (N00-N05; N17; N19; N25; N27) | 7,544 | 3,261 | 43.2 | 4,283 | 56.8 |

^{*} percent share on total number of deaths for a particular cause

Mortality: Ten (10) Leading Causes by Attendance

Percent Distribution
Philippines, 1999

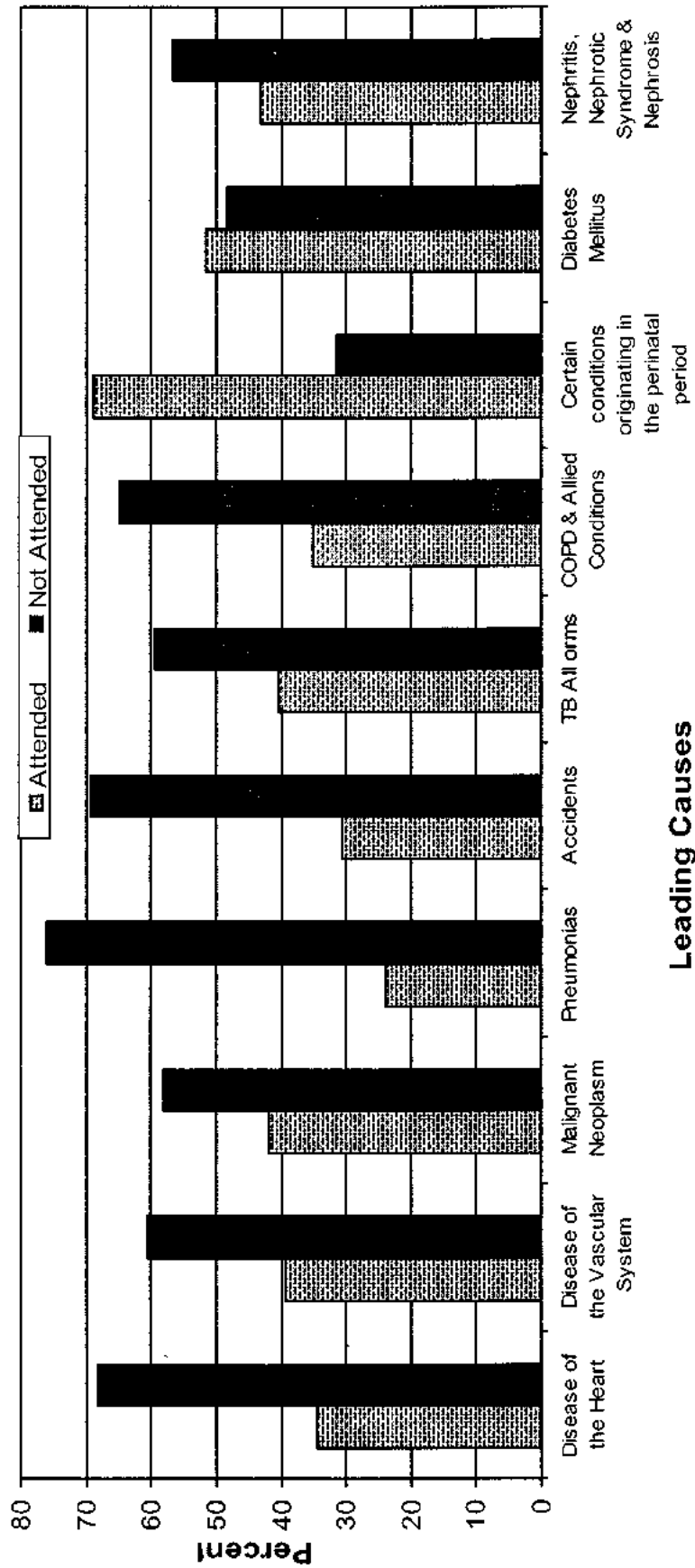


Figure 15

Table 23

Mortality: By Attendance, Region, Province & City
Number & Percent Distribution
Philippines, 1999

| Area | Total Deaths | Attendance | | | |
|----------------------|-----------------|----------------|-------------|----------------|-------------|
| | | Attended | | Not Attended | |
| | | Number | % | Number | % |
| PHILIPPINES | 347,989 | 133,762 | 38.4 | 214,227 | 61.6 |
| N.C.R. | 58,770 | 33,309 | 56.7 | 25,461 | 43.3 |
| City of Manila | 18,353 | 12,468 | 67.9 | 5,885 | 32.1 |
| Manila, 2nd District | 774 | 546 | 70.5 | 228 | 29.5 |
| Mandaluyong City | 1,827 | 1,245 | 68.1 | 582 | 31.9 |
| Marikina City | 1,926 | 1,107 | 57.5 | 819 | 42.5 |
| Pasig City | 3,390 | 2,150 | 63.4 | 1,240 | 36.6 |
| Quezon City | 13,864 | 9,012 | 65.0 | 4,852 | 35.0 |
| Manila, 3rd District | 2,204 | 570 | 25.9 | 1,634 | 74.1 |
| Kalookan City | 4,126 | 1,018 | 24.7 | 3,108 | 75.3 |
| Valenzuela City | 1,612 | 448 | 27.8 | 1,164 | 72.2 |
| Manila, 4th District | 4,491 | 1,650 | 36.7 | 2,841 | 63.3 |
| Makati City | 2,452 | 1,549 | 63.2 | 903 | 36.8 |
| Parañaque City | 2,094 | 754 | 36.0 | 1,340 | 64.0 |
| Pasay City | 1,657 | 792 | 47.8 | 865 | 52.2 |
| C.A.R. | 5,012 | 1,914 | 38.2 | 3,098 | 61.8 |
| Abra | 1,085 | 291 | 26.8 | 794 | 73.2 |
| Apayao | 219 | 39 | 17.8 | 180 | 82.2 |
| Benguet | 1,125 | 347 | 30.8 | 778 | 69.2 |
| Ifugao | 444 | 178 | 40.1 | 266 | 59.9 |
| Kalinga | 275 | 73 | 26.5 | 202 | 73.5 |
| Mt. Province | 535 | 139 | 26.0 | 396 | 74.0 |
| Baguio City | 1,329 | 847 | 63.7 | 482 | 36.3 |
| REGION 1 | 26,842 | 8,542 | 31.8 | 18,300 | 68.2 |
| Ilocos Norte | 2,803 | 940 | 33.5 | 1,863 | 66.5 |
| Ilocos Sur | 3,969 | 1,164 | 29.3 | 2,805 | 70.7 |
| La Union | 3,020 | 578 | 19.1 | 2,442 | 80.9 |
| Pangasinan | 11,037 | 2,494 | 22.6 | 8,543 | 77.4 |
| Dagupan City | 1,982 | 1,312 | 66.2 | 670 | 33.8 |
| Laoag City | 832 | 472 | 56.7 | 360 | 43.3 |
| San Carlos City | 1,089 | 436 | 40.0 | 653 | 60.0 |
| San Fernando City | 1,317 | 899 | 68.3 | 418 | 31.7 |
| Urdaneta City | 793 | 247 | 31.1 | 546 | 68.9 |
| REGION 2 | 12,856 | 3,671 | 28.6 | 9,185 | 71.4 |
| Batanes | 121 | 56 | 46.3 | 65 | 53.7 |

Table 23

Mortality: By Attendance, Region, Province & City
Number & Percent Distribution
Philippines, 1999

| Area | Total Deaths | Attendance | | | |
|-----------------------|-----------------|---------------|-------------|---------------|-------------|
| | | Attended | | Not Attended | |
| | | Number | % | Number | % |
| Cagayan | 5,135 | 1,461 | 28.5 | 3,674 | 71.5 |
| Isabela | 4,750 | 1,142 | 24.0 | 3,608 | 76.0 |
| Nueva Vizcaya | 1,633 | 614 | 37.6 | 1,019 | 62.4 |
| Quirino | 501 | 102 | 20.4 | 399 | 79.6 |
| Santiago City | 716 | 296 | 41.3 | 420 | 58.7 |
| REGION 3 | 37,902 | 14,801 | 39.1 | 23,101 | 60.9 |
| Bataan | 2,516 | 990 | 39.3 | 1,526 | 60.7 |
| Bulacan | 10,067 | 4,933 | 49.0 | 5,134 | 51.0 |
| Nueva Ecija | 5,791 | 1,644 | 28.4 | 4,147 | 71.6 |
| Pampanga | 6,551 | 2,114 | 32.3 | 4,437 | 67.7 |
| Tarlac | 3,656 | 515 | 14.1 | 3,141 | 85.9 |
| Zambales | 2,174 | 903 | 41.5 | 1,271 | 58.5 |
| Angeles City | 1,529 | 741 | 48.5 | 788 | 51.5 |
| Cabanatuan City | 1,901 | 1,009 | 53.1 | 892 | 46.9 |
| Olongapo City | 1,064 | 569 | 53.5 | 495 | 46.5 |
| Palayan City | 116 | 31 | 26.7 | 85 | 73.3 |
| San Jose City | 633 | 363 | 57.3 | 270 | 42.7 |
| Tarlac City | 1,904 | 989 | 51.9 | 915 | 48.1 |
| REGION 4 | 52,157 | 20,388 | 39.1 | 31,769 | 60.9 |
| Aurora | 754 | 206 | 27.3 | 548 | 72.7 |
| Batangas | 6,805 | 2,569 | 37.8 | 4,236 | 62.2 |
| Cavite | 7,142 | 3,079 | 43.1 | 4,063 | 56.9 |
| Laguna | 8,219 | 2,920 | 35.5 | 5,299 | 64.5 |
| Marinduque | 1,336 | 466 | 34.9 | 870 | 65.1 |
| Mindoro Occidental | 1,114 | 501 | 45.0 | 613 | 55.0 |
| Mindoro Oriental | 2,146 | 595 | 27.7 | 1,551 | 72.3 |
| Palawan | 1,279 | 490 | 38.3 | 789 | 61.7 |
| Quezon | 7,292 | 2,629 | 36.1 | 4,663 | 63.9 |
| Rizal | 4,298 | 1,728 | 40.2 | 2,570 | 59.8 |
| Romblon | 1,401 | 499 | 35.6 | 902 | 64.4 |
| Antipolo City | 1,622 | 364 | 22.4 | 1,258 | 77.6 |
| Batangas City | 1,515 | 649 | 42.8 | 866 | 57.2 |
| Calapan City | 762 | 285 | 37.4 | 477 | 62.6 |
| Cavite City | 692 | 418 | 60.4 | 274 | 39.6 |
| Lipa City | 1,290 | 524 | 40.6 | 766 | 59.4 |
| Lucena City | 1,712 | 958 | 56.0 | 754 | 44.0 |
| Puerto Princessa City | 665 | 360 | 54.1 | 305 | 45.9 |
| San Pablo City | 1,416 | 638 | 45.1 | 778 | 54.9 |
| Tagaytay City | 144 | 52 | 36.1 | 92 | 63.9 |

Table 23

Mortality: By Attendance, Region, Province & City
Number & Percent Distribution
Philippines, 1999

| Area | Total Deaths | Attendance | | | |
|---------------------|-----------------|---------------|-------------|---------------|-------------|
| | | Attended | | Not Attended | |
| | | Number | % | Number | % |
| Trece Martires City | 553 | 458 | 82.8 | 95 | 17.2 |
| REGION 5 | 23,336 | 6,704 | 28.7 | 16,632 | 71.3 |
| Albay | 4,959 | 1,346 | 27.1 | 3,613 | 72.9 |
| Camarines Norte | 2,658 | 775 | 29.2 | 1,883 | 70.8 |
| Camarines Sur | 5,177 | 588 | 11.4 | 4,589 | 88.6 |
| Catanduanes | 1,327 | 456 | 34.4 | 871 | 65.6 |
| Masbate | 2,052 | 531 | 25.9 | 1,521 | 74.1 |
| Sorsogon | 3,701 | 1,024 | 27.7 | 2,677 | 72.3 |
| Iriga City | 564 | 120 | 21.3 | 444 | 78.7 |
| Legaspi City | 1,139 | 608 | 53.4 | 531 | 46.6 |
| Naga City | 1,759 | 1,256 | 71.4 | 503 | 28.6 |
| REGION 6 | 33,510 | 12,507 | 37.3 | 21,003 | 62.7 |
| Aklan | 2,727 | 821 | 30.1 | 1,906 | 69.9 |
| Antique | 2,822 | 947 | 33.6 | 1,875 | 66.4 |
| Capiz | 2,447 | 248 | 10.1 | 2,199 | 89.9 |
| Iloilo | 7,522 | 2,559 | 34.0 | 4,963 | 66.0 |
| Negros Occidental | 4,577 | 1,021 | 22.3 | 3,556 | 77.7 |
| Guimaras | 426 | 87 | 20.4 | 339 | 79.6 |
| Bacolod City | 3,757 | 2,508 | 66.8 | 1,249 | 33.2 |
| Bago City | 583 | 78 | 13.4 | 505 | 86.6 |
| Cadiz City | 557 | 84 | 15.1 | 473 | 84.9 |
| Iloilo City | 3,744 | 2,233 | 59.6 | 1,511 | 40.4 |
| La Carlota City | 308 | 121 | 39.3 | 187 | 60.7 |
| Passi City | 298 | 150 | 50.3 | 148 | 49.7 |
| Roxas City | 1,055 | 579 | 54.9 | 476 | 45.1 |
| Sagay City | 503 | 115 | 22.9 | 388 | 77.1 |
| San Carlos City | 600 | 252 | 42.0 | 348 | 58.0 |
| Silay City | 1,001 | 672 | 67.1 | 329 | 32.9 |
| Talisay City | 274 | 13 | 4.7 | 261 | 95.3 |
| Victorias City | 309 | 19 | 6.1 | 290 | 93.9 |
| REGION 7 | 28,774 | 8,702 | 30.2 | 20,072 | 69.8 |
| Bohol | 4,867 | 686 | 14.1 | 4,181 | 85.9 |
| Cebu | 8,615 | 1,173 | 13.6 | 7,442 | 86.4 |
| Negros Oriental | 2,582 | 404 | 15.6 | 2,178 | 84.4 |
| Siquijor | 621 | 306 | 49.3 | 315 | 50.7 |
| Bais City | 283 | 105 | 37.1 | 178 | 62.9 |
| Canlaon City | 210 | 44 | 21.0 | 166 | 79.0 |

Table 23

Mortality: By Attendance, Region, Province & City
Number & Percent Distribution
Philippines, 1999

| Area | Total Deaths | Attendance | | | |
|---------------------|-----------------|--------------|-------------|---------------|-------------|
| | | Attended | | Not Attended | |
| | | Number | % | Number | % |
| Cebu City | 6,635 | 3,964 | 59.7 | 2,671 | 40.3 |
| Danao City | 439 | 85 | 19.4 | 354 | 80.6 |
| Dumaguete City | 1,388 | 988 | 71.2 | 400 | 28.8 |
| Lapu-Lapu City | 920 | 148 | 16.1 | 772 | 83.9 |
| Mandawe City | 792 | 132 | 16.7 | 660 | 83.3 |
| Tagbilaran City | 895 | 608 | 67.9 | 287 | 32.1 |
| Toledo City | 527 | 59 | 11.2 | 468 | 88.8 |
| REGION 8 | 15,291 | 5,272 | 34.5 | 10,019 | 65.5 |
| Leyte del Norte | 5,374 | 1,633 | 30.4 | 3,741 | 69.6 |
| Leyte del Sur | 2,271 | 696 | 30.6 | 1,575 | 69.4 |
| Eastern Samar | 951 | 274 | 28.8 | 677 | 71.2 |
| Northern Samar | 1,831 | 461 | 25.2 | 1,370 | 74.8 |
| Western Samar | 1,040 | 227 | 21.8 | 813 | 78.2 |
| Biliran | 607 | 212 | 34.9 | 395 | 65.1 |
| Calbayog City | 551 | 180 | 32.7 | 371 | 67.3 |
| Ormoc City | 933 | 394 | 42.2 | 539 | 57.8 |
| Tacloban City | 1,733 | 1,195 | 69.0 | 538 | 31.0 |
| REGION 9 | 9,287 | 3,126 | 33.7 | 6,161 | 66.3 |
| Basilan | 515 | 211 | 41.0 | 304 | 59.0 |
| Zamboanga del Norte | 1,598 | 269 | 16.8 | 1,329 | 83.2 |
| Zamboanga del Sur | 2,663 | 555 | 20.8 | 2,108 | 79.2 |
| Dapitan City | 388 | 126 | 32.5 | 262 | 67.5 |
| Dipolog City | 687 | 328 | 47.7 | 359 | 52.3 |
| Pagadian City | 573 | 254 | 44.3 | 319 | 55.7 |
| Zamboanga City | 2,863 | 1,383 | 48.3 | 1,480 | 51.7 |
| REGION 10 | 10,156 | 3,721 | 36.6 | 6,435 | 63.4 |
| Bukidnon | 1,635 | 447 | 27.3 | 1,188 | 72.7 |
| Camiguin | 378 | 145 | 38.4 | 233 | 61.6 |
| Misamis Occidental | 1,172 | 238 | 20.3 | 934 | 79.7 |
| Misamis Oriental | 1,865 | 275 | 14.7 | 1,590 | 85.3 |
| Cagayan de Oro | 2,490 | 1,367 | 54.9 | 1,123 | 45.1 |
| Gingoog City | 484 | 149 | 30.8 | 335 | 69.2 |
| Malaybalay City | 370 | 197 | 53.2 | 173 | 46.8 |
| Oroquieta City | 566 | 300 | 53.0 | 266 | 47.0 |
| Ozamis City | 953 | 532 | 55.8 | 421 | 44.2 |
| Tangub City | 243 | 71 | 29.2 | 172 | 70.8 |

Table 23

Mortality: By Attendance, Region, Province & City
Number & Percent Distribution
Philippines, 1999

| Area | Total Deaths | Attendance | | | |
|-----------------------------|-----------------|--------------|-------------|---------------|-------------|
| | | Attended | | Not Attended | |
| | | Number | % | Number | % |
| REGION 11 | 18,727 | 6,052 | 32.3 | 12,675 | 67.7 |
| Campostela Valley | 1,492 | 176 | 11.8 | 1,316 | 88.2 |
| Cotabato South | 2,461 | 717 | 29.1 | 1,744 | 70.9 |
| Davao Oriental | 1,183 | 320 | 27.0 | 863 | 73.0 |
| Davao del Norte | 1,351 | 103 | 7.6 | 1,248 | 92.4 |
| Davao del Sur | 2,586 | 628 | 24.3 | 1,958 | 75.7 |
| Sarangani | 686 | 66 | 9.6 | 620 | 90.4 |
| Davao City | 5,689 | 2,436 | 42.8 | 3,253 | 57.2 |
| Gen. Santos City | 1,667 | 731 | 43.9 | 936 | 56.1 |
| Island Garden City of Samal | 307 | 28 | 9.1 | 279 | 90.9 |
| Tagum City | 1,305 | 847 | 64.9 | 458 | 35.1 |
| REGION 12 | 7,123 | 2,456 | 34.5 | 4,667 | 65.5 |
| Lanao del Norte | 1,024 | 288 | 28.1 | 736 | 71.9 |
| North Cotabato | 1,857 | 416 | 22.4 | 1,441 | 77.6 |
| Sultan Kudarat | 1,472 | 417 | 28.3 | 1,055 | 71.7 |
| Cotabato City | 780 | 385 | 49.4 | 395 | 50.6 |
| Iligan City | 1,456 | 642 | 44.1 | 814 | 55.9 |
| Kidapawan City | 448 | 286 | 63.8 | 162 | 36.2 |
| Marawi City | 86 | 22 | 25.6 | 64 | 74.4 |
| CARAGA REGION | 7,187 | 2,322 | 32.3 | 4,865 | 67.7 |
| Agusan del Norte | 874 | 235 | 26.9 | 639 | 73.1 |
| Agusan del Sur | 1,003 | 251 | 25.0 | 752 | 75.0 |
| Surigao del Norte | 1,239 | 165 | 13.3 | 1,074 | 86.7 |
| Surigao del Sur | 1,741 | 581 | 33.4 | 1,160 | 66.6 |
| Butuan City | 1,528 | 678 | 44.4 | 850 | 55.6 |
| Surigao City | 802 | 412 | 51.4 | 390 | 48.6 |
| A.R.M.M. | 1,059 | 275 | 26.0 | 784 | 74.0 |
| Lanao del Sur | 216 | 26 | 12.0 | 190 | 88.0 |
| Maguindanao | 436 | 53 | 12.2 | 383 | 87.8 |
| Sulu | 296 | 150 | 50.7 | 146 | 49.3 |
| Tawi-Tawi | 111 | 46 | 41.4 | 65 | 58.6 |

Table 24

Mortality: By Cause-Groups , Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE OF DEATH | All Ages | | | |
|---|----------|--------|------------|------|
| | Male | Female | Both Sexes | Rate |
| Cholera (A00) | 29 | 17 | 46 | 0.1 |
| Salmonella Infections (A01-A02) | 561 | 331 | 892 | 1.2 |
| Shigrillosis and Amoebiasis (A03,A06) | 168 | 122 | 290 | 0.4 |
| Other Intestinal Infections Diseases (A04; A07-A08) | 16 | 4 | 20 | 0.0 |
| Other Bacterial Foodborne Intoxications (A05) | 10 | 9 | 19 | 0.0 |
| Diarrhoeas and Gastroenteritis of presumed Infectious Origin (A09) | 1,911 | 1,397 | 3,308 | 4.4 |
| Tuberculosis of the Respiratory System (A15-A16) | 19,058 | 8,838 | 27,896 | 37.3 |
| Tuberculosis of Nervous System (A17) | 347 | 268 | 615 | 0.8 |
| Other Tuberculosis, including late effects (A18-A19; B90) | 227 | 166 | 393 | 0.5 |
| Leptospirosis (A27) | 250 | 27 | 277 | 0.4 |
| Leprosy, including Late Effects (A30,B92) | 37 | 13 | 50 | 0.1 |
| Tetanus (A33-A35) | 550 | 183 | 733 | 1.0 |
| Diphtheria (A36) | 6 | 10 | 16 | 0.0 |
| Whooping Cough (A37) | - | 1 | 1 | 0.0 |
| Scarlet Fever and Erysipelas (A38,A46) | 8 | 8 | 16 | 0.0 |
| Meningococcal Infection (A39) | 68 | 52 | 120 | 0.2 |
| Septicemia (A40-A41) | 2,646 | 2,169 | 4,815 | 6.4 |
| Syphilis (A50-A53) | 4 | 7 | 11 | 0.0 |
| Gonococcal Infections (A54) | 2 | 1 | 3 | 0.0 |
| Rickettsioses (A75-A79) | 1 | 2 | 3 | 0.0 |
| All Other Diseases caused by Bacteria (A20-A26,A28,A31-A32, A20-A26, A42-A44, A48-A49,A55-A74) | 74 | 44 | 118 | 0.2 |
| Acute Poliomyelitis, including late effects (A80, B91) | 17 | 12 | 29 | 0.0 |
| Rabies (A82) | 431 | 194 | 625 | 0.8 |
| Other Arthropod-borne Viral Encephalitis (A83-A86) | 85 | 49 | 134 | 0.2 |
| Dengue Fever and Dengue-Hemorrhagic Fever (A90-A91) | 223 | 209 | 432 | 0.6 |
| Yellow Fever (A95) | - | - | - | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fevers) (A92-A94, A96-A99) | 3 | 2 | 5 | 0.0 |
| Chickenpox (B01) | 17 | 8 | 25 | 0.0 |
| Smallpox (B03) | - | - | - | 0.0 |
| Measles (B05) | 310 | 250 | 560 | 0.7 |
| Viral Hepatitis (B15-B19) | 550 | 231 | 781 | 1.0 |
| Human Immuno Deficiency Virus (HIV) Disease (B20-B24) | 21 | 9 | 30 | 0.0 |
| Other Viral Diseases (A81, A87-A89, B00, N02, B04, B06-B09, B25-B34) | 92 | 62 | 154 | 0.2 |
| Malaria (B50-B54) | 240 | 99 | 339 | 0.5 |
| Schistosomiasis (B65) | 154 | 73 | 227 | 0.3 |
| Filariasis (B74) | - | 1 | 1 | 0.0 |
| Other Helminthiasis (B66-B73, B75-B83) | 107 | 84 | 191 | 0.3 |
| Other Infectious and Parasitic Diseases, including Late Effects (B35-B49, B58, B85-B89, B94, B99) | 47 | 41 | 88 | 0.1 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx (C00-C14) | 1,088 | 727 | 1,815 | 2.4 |

Table 24

Mortality: By Cause-Groups , Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE OF DEATH | All Ages | | | |
|---|----------|--------|------------|------|
| | Male | Female | Both Sexes | Rate |
| Malignant Neoplasm of Esophagus (C15) | 250 | 100 | 350 | 0.5 |
| Malignant Neoplasm of Stomach (C16) | 905 | 576 | 1,481 | 2.0 |
| Malignant Neoplasm of Small Intestine (C17) | 61 | 27 | 88 | 0.1 |
| Malignant Neoplasm of Colon (C18) | 856 | 709 | 1,565 | 2.1 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus (C19-C21) | 286 | 200 | 486 | 0.7 |
| Malignant Neoplasms of other and Unspecified Site (C22-C26, C30-C31, C37-C39, C45-C49, C60, C62-C80, C97) | 6,666 | 4,002 | 10,668 | 14.3 |
| Malignant Neoplasm of Larynx (C32) | 228 | 73 | 301 | 0.4 |
| Malignant Neoplasm of Trachea, Bronchus and Lung (C33-C34) | 4,333 | 1,506 | 5,839 | 7.8 |
| Malignant Neoplasm of Bone and Articular Cartilage (C40-C41) | 886 | 524 | 1,410 | 1.9 |
| Melanoma and Other Malignant Neoplasm of Skin (C43-C44) | 135 | 105 | 240 | 0.3 |
| Malignant Neoplasm of Breast (C50) | 70 | 3,116 | 3,186 | 4.3 |
| Malignant Neoplasm of Other Female Genital Organs (C51-C52, C56-C57) | - | 826 | 826 | 1.1 |
| Malignant Neoplasm of Cervix Uteri (C53) | - | 868 | 868 | 1.2 |
| Malignant Neoplasm of Uterus (C54-C55) | - | 1,146 | 1,146 | 1.5 |
| Malignant Neoplasm of Placenta (C58) | - | 33 | 33 | 0.0 |
| Malignant Neoplasm of Prostate (C61) | 977 | - | 977 | 1.3 |
| Malignant Neoplasm of Lymphatic Tissue (C81-C90, C96) | 514 | 348 | 862 | 1.2 |
| Leukemia (C91-C95) | 1,078 | 1,019 | 2,097 | 2.8 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature (D00-D48) | 154 | 193 | 347 | 0.5 |
| Anemias (D50-D64) | 986 | 964 | 1,950 | 2.6 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System (D65-D89) | 340 | 291 | 631 | 0.8 |
| Diabetes Mellitus (E-10-E14) | 4,716 | 5,033 | 9,749 | 13.0 |
| Kwashiorkor (E40, E42) | 259 | 223 | 482 | 0.6 |
| Nutritional Marasmus (E41) | 39 | 38 | 77 | 0.1 |
| Other Protein-Calorie Malnutrition (E43-E46) | 767 | 825 | 1,592 | 2.1 |
| Other Nutritional Deficiencies (E50-E64) | 337 | 359 | 696 | 0.9 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders (E00-E07, E15-E16, E20-E34, E65-E68, E70-E89) | 1,032 | 1,223 | 2,255 | 3.0 |
| Psychoses (F00-F29) | 721 | 165 | 886 | 1.2 |
| Mental Retardation (F70-F79) | 9 | 3 | 12 | 0.0 |
| Other Mental Disorders (F30-F69, F80-F99) | 68 | 74 | 142 | 0.2 |
| Menigitis (G00, G03) | 405 | 282 | 687 | 0.9 |
| Parkinson's Disease (G20-G21) | 98 | 91 | 189 | 0.3 |
| Alzheimer's Disease (G30) | 25 | 45 | 70 | 0.1 |
| Epilepsy (G40) | 433 | 253 | 686 | 0.9 |
| Other Diseases of Nervous System (G04-G12, G23-G25, G31-G37, G41-G98) | 1,453 | 979 | 2,432 | 3.3 |

Table 24

Mortality: By Cause-Groups , Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE OF DEATH | All Ages | | | |
|---|----------|--------|------------|------|
| | Male | Female | Both Sexes | Rate |
| Disease of the Eye and Adnexa (H00-H59) | 21 | 15 | 36 | 0.0 |
| Disease of the Ear and Mastoid Process (H60-H95) | 54 | 42 | 96 | 0.1 |
| Acute Rheumatic Fever (I00-I02) | 41 | 41 | 82 | 0.1 |
| Chronic Rheumatic Heart Disease (I05-I09) | 959 | 1,233 | 2,192 | 2.9 |
| Hypertension Without Heart involvement (I10, I12) | 12,113 | 8,773 | 20,886 | 27.9 |
| Hypertension With Heart Involvement (I11, I13) | 3,513 | 2,829 | 6,342 | 8.5 |
| Angina Pectoris (I20) | 29 | 32 | 61 | 0.1 |
| Other Forms of Ischaemic Heart Disease (I20-I25) | 5,534 | 5,105 | 10,639 | 14.2 |
| Acute Myocardial Infarction (I21) | 14,240 | 7,559 | 21,799 | 29.2 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease (I26-I50, I52) | 6,899 | 5,966 | 12,865 | 17.2 |
| Complications and Ill-Defined Descriptions of Heart Disease (I51) | 2,461 | 2,194 | 4,655 | 6.2 |
| Cerebrovascular Disease (I60-I69) | 11,163 | 8,833 | 19,996 | 26.8 |
| Atherosclerosis (I70) | 867 | 1,042 | 1,909 | 2.6 |
| Aortic Aneurysm and Dissection (I71) | 199 | 98 | 297 | 0.4 |
| Other Diseases of Arteries, Arterioles and Capillaries (I72-I78) | 164 | 95 | 259 | 0.3 |
| Venous Thrombosis and Embolism (I80-I82) | 49 | 47 | 96 | 0.1 |
| Other and Unspecified Disorders of Circulatory System (I83-I89, I95-I99) | 112 | 55 | 167 | 0.2 |
| Acute Upper Respiratory Infections (J00-J06, J22) | 39 | 51 | 90 | 0.1 |
| Influenza (J10-J11) | 164 | 120 | 284 | 0.4 |
| Pneumonia (J12-J18) | 16,540 | 16,343 | 32,883 | 44.0 |
| Acute Bronchitis and Bronchiolitis (J20-J21) | 116 | 89 | 205 | 0.3 |
| Chronic Lower Respiratory Disease (J40-J47) | 10,159 | 5,004 | 15,163 | 20.3 |
| Pneumoconoses and Chemical Effects (J60-J66, J68) | 8 | 8 | 16 | 0.0 |
| Pneumonitis due to Solids and Liquids (J69) | 642 | 502 | 1,144 | 1.5 |
| Other Diseases of Respiratory System (J30-J39, J67, J70, J80-J86, J90-J98) | 850 | 578 | 1,428 | 1.9 |
| Diseases of Oral Cavity, Salivary Glands and Jaws (K00-K14) | 49 | 32 | 81 | 0.1 |
| Gastric, Duodenal, Peptic and Gastrojejunal ulcer (K25-K28) | 3,877 | 1,536 | 5,413 | 7.2 |
| Diseases of the Appendix (K35-K38) | 157 | 87 | 244 | 0.3 |
| Hernia (K40-K46) | 151 | 22 | 173 | 0.2 |
| Chronic Liver Disease and Cirrhosis (K70, K73-K74) | 3,486 | 788 | 4,274 | 5.7 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract (K80-K83) | 204 | 199 | 403 | 0.5 |
| Acute Pancreatitis (K85) | 1,864 | 183 | 2,047 | 2.7 |
| Other Diseases of the Digestive System (K20-K22, K29-K31, K50-K52, K55-K63, K65-K66, K71-K72, K75-K76, K86-K92) | 2,303 | 1,207 | 3,510 | 4.7 |
| Diseases of the Skin and Subcutaneous Tissue (L00-L99) | 509 | 571 | 1,080 | 1.4 |
| Diseases of Musculoskeletal System and Connective Tissue (M00-M99) | 711 | 661 | 1,372 | 1.8 |
| Nephritis, Nephrotic Syndrome and Nephrosis (N00-N07, N17-N19, N25-N27) | 4,441 | 3,103 | 7,544 | 10.1 |

Table 24

Mortality: By Cause-Groups , Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE OF DEATH | All Ages | | | |
|---|----------|--------|------------|------|
| | Male | Female | Both Sexes | Rate |
| Infections of Kidney (N10-N12) | 319 | 234 | 553 | 0.7 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic (N20-N21, N23) | 195 | 80 | 275 | 0.4 |
| Hyperplasia of Prostate (N40) | 294 | - | 294 | 0.4 |
| Inflammatory Diseases of Female Pelvic Organs (N70-N76) | - | 32 | 32 | 0.0 |
| Other Diseases of Genito-Urinary System (N13-N15, N28, N30-N39, N41-N50, N60-N64, N80-N98) | 695 | 578 | 1,273 | 1.7 |
| Pregnancy With Abortive Outcome (O00-O08) | - | 145 | 145 | 0.2 |
| Hypertension Complicating Pregnancy, childbirth and Puerperium (O10-O11, O13-O16) | - | 365 | 365 | 0.5 |
| Hemorrhage in Early Pregnancy (O20) | - | 2 | 2 | 0.0 |
| Postpartum Hemorrhage (O72) | - | 265 | 265 | 0.4 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium (O12, O21-O48, O60-O71, O73-O75, O85-O99) | - | 571 | 571 | 0.8 |
| Certain Conditions Originating in the Perinatal Period (P00-P99) | 7,664 | 5,136 | 12,800 | 17.1 |
| Congenital Anomalies (Q00-Q99) | 2,380 | 2,026 | 4,406 | 5.9 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified (R00-R99) | 8,622 | 8,245 | 16,867 | 22.6 |
| Transport Accidents (V01-V99) | 3,923 | 1,408 | 5,331 | 7.1 |
| Accidental Falls (W00-W19) | 804 | 314 | 1,118 | 1.5 |
| Accidental Drowning and Submersion (W65-W74) | 2,430 | 825 | 3,255 | 4.4 |
| Exposure to Smoke, Fire and Flames (X00-X09) | 296 | 190 | 486 | 0.7 |
| Exposure to Forces of Nature (X30-X39) | 249 | 99 | 348 | 0.5 |
| Accidental Poisoning and Exposure to Noxious Substances (X40-X49) | 150 | 60 | 210 | 0.3 |
| Other Accidents and Late Effects of Transport and Other Accidents (W20-W49, W50-W64, W75-W99, X10-X29, X50-X59, Y85-Y86) | 1,607 | 345 | 1,952 | 2.6 |
| Intentional Self harm (X60-X84) | 846 | 275 | 1,121 | 1.5 |
| Assault (X85-Y09) | 10,368 | 890 | 11,258 | 15.1 |
| Event of Undetermined Intent (Y10-Y34) | 3,421 | 1,238 | 4,659 | 6.2 |
| Legal Interventions (Y35) | 98 | 2 | 100 | 0.1 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality (Y40-Y84, Y87-Y89) | 116 | 72 | 188 | 0.3 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | Under 1 | | | | 1- 4 Years | | | |
|---|---------|--------|------------|------|------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | - | 1 | 1 | 0.1 | 1 | 3 | 4 | 0.1 |
| Salmonella Infections | 6 | 8 | 14 | 0.7 | 23 | 6 | 29 | 0.4 |
| Shigrllosis and Amoebiasis | 21 | 20 | 41 | 2.1 | 37 | 24 | 61 | 0.8 |
| Other Intestinal Infections Disease | 4 | 1 | 5 | 0.3 | - | 2 | 2 | 0.0 |
| Other Bacterial Foodborne Intoxications | 2 | - | 2 | 0.1 | 4 | 3 | 7 | 0.1 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 568 | 372 | 940 | 47.9 | 466 | 360 | 826 | 10.9 |
| Tuberculosis of the Respiratory System | 8 | 6 | 14 | 0.7 | 42 | 17 | 59 | 0.8 |
| Tuberculosis of Nervous System | 17 | 14 | 31 | 1.6 | 57 | 43 | 100 | 1.3 |
| Other Tuberculosis, including late effects | 2 | - | 2 | 0.1 | 4 | 3 | 7 | 0.1 |
| Leptospirosis | - | - | 0 | 0.0 | 2 | 1 | 3 | 0.0 |
| Leprosy, Including Late Effects | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Tetanus | 71 | 54 | 125 | 6.4 | 19 | 6 | 25 | 0.3 |
| Diphtheria | 1 | - | 1 | 0.1 | 2 | 4 | 6 | 0.1 |
| Whooping Cough | - | 1 | 1 | 0.1 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | 1 | 2 | 3 | 0.2 | 3 | 2 | 5 | 0.1 |
| Meningococcal Infection | 9 | 15 | 24 | 1.2 | 15 | 12 | 27 | 0.4 |
| Septicemia | 505 | 307 | 812 | 41.4 | 215 | 163 | 378 | 5.0 |
| Syphilis | - | 1 | 1 | 0.1 | - | - | 0 | 0.0 |
| Gonococcal Infections | 1 | - | 1 | 0.1 | - | - | 0 | 0.0 |
| Rickettsioses | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| All Other Diseases Caused by Bacteria | 6 | 4 | 10 | 0.5 | 3 | 2 | 5 | 0.1 |
| Acute Poliomyelitis, including late effects | - | - | 0 | 0.0 | 1 | 3 | 4 | 0.1 |
| Rabies | - | 4 | 4 | 0.2 | 30 | 18 | 48 | 0.6 |
| Other Arthropod-borne Viral Encephalitis | 9 | 4 | 13 | 0.7 | 16 | 13 | 29 | 0.4 |
| Dengue Fever and Dengue-Hemorrhagic Fever | 7 | 12 | 19 | 1.0 | 54 | 59 | 113 | 1.5 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Chickenpox | 2 | 2 | 4 | 0.2 | 3 | 2 | 5 | 0.1 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | 142 | 99 | 241 | 12.3 | 137 | 129 | 266 | 3.5 |
| Viral Hepatitis | 14 | 11 | 25 | 1.3 | 8 | 3 | 11 | 0.1 |
| Human Immuno Deficiency Virus (HIV) Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Viral Diseases | 15 | 15 | 30 | 1.5 | 13 | 9 | 22 | 0.3 |
| Malaria | 4 | 2 | 6 | 0.3 | 8 | 3 | 11 | 0.1 |
| Schistosomiasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Filariasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Helminthiasis | 7 | 2 | 9 | 0.5 | 45 | 48 | 93 | 1.2 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | Under 1 | | | | 1- 4 Years | | | |
|--|---------|--------|------------|------|------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 9 | 5 | 14 | 0.7 | 6 | 6 | 12 | 0.2 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 1 | 1 | 2 | 0.1 | 2 | 4 | 6 | 0.1 |
| Malignant Neoplasm of Esophagus | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Stomach | - | - | 0 | 0.0 | 3 | 1 | 4 | 0.1 |
| Malignant Neoplasm of Small Intestine | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Colon | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Malignant Neoplasms of other and Unspecified Site | 23 | 8 | 31 | 1.6 | 92 | 74 | 166 | 2.2 |
| Malignant Neoplasm of Larynx | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 1 | 2 | 3 | 0.2 | 5 | 5 | 10 | 0.1 |
| Malignant Neoplasm of Bone and Articular Cartilage | - | 1 | 1 | 0.1 | 3 | 2 | 5 | 0.1 |
| Melanoma and Other Malignant Neoplasm of Skin | - | - | 0 | 0.0 | 1 | 1 | 2 | 0.0 |
| Malignant Neoplasm of Breast | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Other Female Genital Organs | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Malignant Neoplasm of Cervix Uteri | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Uterus | - | 1 | 1 | 0.1 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Placenta | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Prostate | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Lymphatic Tissue | 2 | - | 2 | 0.1 | 11 | 6 | 17 | 0.2 |
| Leukemia | 12 | 16 | 28 | 1.4 | 103 | 76 | 179 | 2.4 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 4 | 3 | 7 | 0.4 | 3 | 2 | 5 | 0.1 |
| Anemias | 38 | 22 | 60 | 3.1 | 45 | 32 | 77 | 1.0 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | 119 | 48 | 167 | 8.5 | 35 | 21 | 56 | 0.7 |
| Diabetes Mellitus | - | 1 | 1 | 0.1 | - | 2 | 2 | 0.0 |
| Kwashiorkor | 86 | 55 | 141 | 7.2 | 108 | 114 | 222 | 2.9 |
| Nutritional Marasmus | 7 | 6 | 13 | 0.7 | 13 | 6 | 19 | 0.2 |
| Other Protein-Calorie Malnutrition | 91 | 83 | 174 | 8.9 | 139 | 131 | 270 | 3.5 |
| Other Nutritional Deficiencies | 17 | 7 | 24 | 1.2 | 5 | 4 | 9 | 0.1 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 136 | 98 | 234 | 11.9 | 114 | 88 | 202 | 2.7 |
| Psychoses | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Mental Retardation | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Mental Disorders | - | - | 0 | 0.0 | 1 | 1 | 2 | 0.0 |
| Menigitis | 94 | 71 | 165 | 8.4 | 69 | 51 | 120 | 1.6 |
| Parkinson's Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | Under 1 | | | | 1- 4 Years | | | |
|--|---------|--------|------------|-------|------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Epilepsy | 3 | 4 | 7 | 0.4 | 18 | 2 | 20 | 0.3 |
| Other Diseases of Nervous System | 114 | 79 | 193 | 9.8 | 147 | 114 | 261 | 3.4 |
| Disease of the Eye and Adnexa | 1 | 1 | 2 | 0.1 | 2 | 1 | 3 | 0.0 |
| Disease of the Ear and Mastoid Process | 1 | 1 | 2 | 0.1 | 5 | 8 | 13 | 0.2 |
| Acute Rheumatic Fever | 1 | - | 1 | 0.1 | - | 1 | 1 | 0.0 |
| Chronic Rheumatic Heart Disease | 9 | 5 | 14 | 0.7 | 12 | 17 | 29 | 0.4 |
| Hypertension Without Heart Involvement | 3 | 1 | 4 | 0.2 | 5 | - | 5 | 0.1 |
| Hypertension With Heart Involvement | 1 | 1 | 2 | 0.1 | 1 | 1 | 2 | 0.0 |
| Angina Pectoris | 2 | - | 2 | 0.1 | 1 | 1 | 2 | 0.0 |
| Other Forms of Ischaemic Heart Disease | 8 | 8 | 16 | 0.8 | - | 2 | 2 | 0.0 |
| Acute Myocardial Infarction | 3 | 2 | 5 | 0.3 | 5 | - | 5 | 0.1 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 67 | 63 | 130 | 6.6 | 54 | 45 | 99 | 1.3 |
| Complications and Ill-Defined Descriptions of Heart Disease | 5 | 12 | 17 | 0.9 | 4 | 2 | 6 | 0.1 |
| Cerebrovascular Disease | 21 | 17 | 38 | 1.9 | 12 | 10 | 22 | 0.3 |
| Atherosclerosis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Aortic Aneurysm and Dissection | - | 1 | 1 | 0.1 | 1 | - | 1 | 0.0 |
| Other Diseases of Arteries, Arterioles and Capillaries | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Venous Thrombosis and Embolism | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Other and Unspecified Disorders of Circulatory System | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Acute Upper Respiratory Infections | 8 | 9 | 17 | 0.9 | 7 | 6 | 13 | 0.2 |
| Influenza | - | 4 | 4 | 0.2 | 2 | 2 | 4 | 0.1 |
| Pneumonia | 2,096 | 1,620 | 3,716 | 189.4 | 1,441 | 1,271 | 2,712 | 35.6 |
| Acute Bronchitis and Bronchiolitis | 47 | 34 | 81 | 4.1 | 17 | 20 | 37 | 0.5 |
| Chronic Lower Respiratory Disease | 78 | 61 | 139 | 7.1 | 154 | 134 | 288 | 3.8 |
| Pneumoconoses and Chemical Effects | 1 | - | 1 | 0.1 | 1 | - | 1 | 0.0 |
| Pneumonitis due to Solids and Liquids | 149 | 128 | 277 | 14.1 | 70 | 58 | 128 | 1.7 |
| Other Diseases of Respiratory System | 62 | 42 | 104 | 5.3 | 37 | 28 | 65 | 0.9 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 2 | - | 2 | 0.1 | 3 | 2 | 5 | 0.1 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | - | 1 | 1 | 0.1 | 4 | 2 | 6 | 0.1 |
| Diseases of the Appendix | 1 | - | 1 | 0.1 | 7 | 6 | 13 | 0.2 |
| Hernia | 13 | 2 | 15 | 0.8 | 5 | - | 5 | 0.1 |
| Chronic Liver Disease and Cirrhosis | 9 | 4 | 13 | 0.7 | 3 | 2 | 5 | 0.1 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 4 | 3 | 7 | 0.4 | 2 | 1 | 3 | 0.0 |
| Acute Pancreatitis | - | 1 | 1 | 0.1 | 2 | 3 | 5 | 0.1 |
| Other Diseases of the Digestive System | 96 | 72 | 168 | 8.6 | 82 | 53 | 135 | 1.8 |
| Diseases of the Skin and Subcutaneous Tissue | 20 | 20 | 40 | 2.0 | 17 | 8 | 25 | 0.3 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | Under 1 | | | | 1- 4 Years | | | |
|--|---------|--------|------------|-------|------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 2 | 1 | 3 | 0.2 | 2 | 1 | 3 | 0.0 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 16 | 8 | 24 | 1.2 | 64 | 46 | 110 | 1.4 |
| Infections of Kidney | - | 1 | 1 | 0.1 | 1 | 1 | 2 | 0.0 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hyperplasia of Prostrate | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Inflammatory Diseases of Female Pelvic Organs | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Other Diseases of Genito-Urinary System | 11 | 5 | 16 | 0.8 | 14 | 7 | 21 | 0.3 |
| Pregnancy With Abortive Outcome | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hemorrhage in Early Pregnancy | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Certain Conditions Originating in the Perinatal Period | 7,664 | 5,136 | 12,800 | 652.6 | - | - | 0 | 0.0 |
| Congenital Anomalies | 1,617 | 1,280 | 2,897 | 147.7 | 309 | 301 | 610 | 8.0 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 453 | 316 | 769 | 39.2 | 373 | 303 | 676 | 8.9 |
| Transport Accidents | 10 | 7 | 17 | 0.9 | 141 | 73 | 214 | 2.8 |
| Accidental Falls | 12 | 8 | 20 | 1.0 | 27 | 25 | 52 | 0.7 |
| Accidental Drowning and Submersion | 18 | 17 | 35 | 1.8 | 371 | 197 | 568 | 7.5 |
| Exposure to Smoke, Fire and Flames | 21 | 7 | 28 | 1.4 | 55 | 24 | 79 | 1.0 |
| Exposure to Forces of Nature | 8 | 2 | 10 | 0.5 | 10 | 5 | 15 | 0.2 |
| Accidental Poisoning and Exposure to Noxious Substance | 2 | 3 | 5 | 0.3 | 23 | 16 | 39 | 0.5 |
| Other Accidents and Late Effects of Transport and Other Accidents | 19 | 7 | 26 | 1.3 | 47 | 32 | 79 | 1.0 |
| Intentional Self Harm | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Assault | 5 | 4 | 9 | 0.5 | 26 | 12 | 38 | 0.5 |
| Event of Undetermined Intent | 22 | 14 | 36 | 1.8 | 91 | 58 | 149 | 2.0 |
| Legal Interventions | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 4 | - | 4 | 0.2 | 3 | 4 | 7 | 0.1 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 5 - 9 Years | | | | 10 - 14 Years | | | |
|--|-------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | 1 | 1 | 2 | 0.0 | 1 | 1 | 2 | 0.0 |
| Salmonella Infections | 33 | 21 | 54 | 0.6 | | 32 | 32 | 0.4 |
| Shigellosis and Amoebiasis | 14 | 6 | 20 | 0.2 | 1 | 4 | 5 | 0.1 |
| Other Intestinal Infections Disease | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Other Bacterial Foodborne Intoxications | 3 | 3 | 6 | 0.1 | - | 1 | 1 | 0.0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 121 | 84 | 205 | 2.2 | 49 | 24 | 73 | 0.9 |
| Tuberculosis of the Respiratory System | 33 | 16 | 49 | 0.5 | 56 | 44 | 100 | 1.2 |
| Tuberculosis of Nervous System | 47 | 41 | 88 | 1.0 | 30 | 22 | 52 | 0.6 |
| Other Tuberculosis, including Late Effects | 6 | 3 | 9 | 0.1 | 11 | 10 | 21 | 0.2 |
| Leptospirosis | - | - | 0 | 0.0 | 2 | - | 2 | 0.0 |
| Leprosy, Including Late Effects | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Tetanus | 26 | 13 | 39 | 0.4 | 47 | 12 | 59 | 0.7 |
| Diphtheria | 1 | 2 | 3 | 0.0 | 1 | 1 | 2 | 0.0 |
| Whooping Cough | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | 1 | 2 | 3 | 0.0 | 1 | - | 1 | 0.0 |
| Meningococcal Infection | 10 | 4 | 14 | 0.2 | 6 | 3 | 9 | 0.1 |
| Septicemia | 79 | 59 | 138 | 1.5 | 63 | 40 | 103 | 1.2 |
| Syphilis | - | 1 | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Gonococcal Infections | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rickettsioses | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| All Other Diseases Caused by Bacteria | 1 | 2 | 3 | 0.0 | - | - | 0 | 0.0 |
| Acute Poliomyelitis, including Late Effects | 2 | 2 | 4 | 0.0 | 4 | 2 | 6 | 0.1 |
| Rabies | 82 | 26 | 108 | 1.2 | 64 | 28 | 92 | 1.1 |
| Other Arthropod-borne Viral Encephalitis | 19 | 8 | 27 | 0.3 | 12 | 7 | 19 | 0.2 |
| Dengue Fever and Dengue-Hemorrhagic Fever | 78 | 73 | 151 | 1.6 | 33 | 26 | 59 | 0.7 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Chickenpox | - | 2 | 2 | 0.0 | - | - | 0 | 0.0 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | 18 | 11 | 29 | 0.3 | 3 | 7 | 10 | 0.1 |
| Viral Hepatitis | 12 | 5 | 17 | 0.2 | 11 | 4 | 15 | 0.2 |
| Human Immuno Deficiency Virus (HIV) Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Viral Diseases | 9 | 3 | 12 | 0.1 | 8 | 4 | 12 | 0.1 |
| Malaria | 7 | 11 | 18 | 0.2 | 14 | 4 | 18 | 0.2 |
| Schistosomiasis | - | 1 | 1 | 0.0 | 6 | 1 | 7 | 0.1 |
| Filariasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Helminthiasis | 20 | 18 | 38 | 0.4 | 6 | 2 | 8 | 0.1 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 5 - 9 Years | | | | 10 - 14 Years | | | |
|---|-------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 5 | 4 | 9 | 0.1 | - | 4 | 4 | 0.0 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 1 | 1 | 2 | 0.0 | 1 | 2 | 3 | 0.0 |
| Malignant Neoplasm of Esophagus | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Stomach | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Malignant Neoplasm of Small Intestine | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Colon | - | - | 0 | 0.0 | 3 | - | 3 | 0.0 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasms of other and Unspecified Site | 52 | 43 | 95 | 1.0 | 56 | 38 | 94 | 1.1 |
| Malignant Neoplasm of Larynx | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 5 | 2 | 7 | 0.1 | 5 | 3 | 8 | 0.1 |
| Malignant Neoplasm of Bone and Articular Cartilage | 13 | 4 | 17 | 0.2 | 26 | 17 | 43 | 0.5 |
| Melanoma and Other Malignant Neoplasm of Skin | 1 | - | 1 | 0.0 | 2 | 1 | 3 | 0.0 |
| Malignant Neoplasm of Breast | - | 1 | 1 | 0.0 | - | 1 | 1 | 0.0 |
| Malignant Neoplasm of Other Female Genital Organs | - | - | 0 | 0.0 | - | 6 | 6 | 0.1 |
| Malignant Neoplasm of Cervix Uteri | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Uterus | - | - | 0 | 0.0 | - | 2 | 2 | 0.0 |
| Malignant Neoplasm of Placenta | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Prostate | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Lymphatic Tissue | 14 | 2 | 16 | 0.2 | 16 | 7 | 23 | 0.3 |
| Leukemia | 132 | 70 | 202 | 2.2 | 97 | 77 | 174 | 2.0 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 1 | 2 | 3 | 0.0 | 5 | 1 | 6 | 0.1 |
| Anemias | 39 | 28 | 67 | 0.7 | 38 | 32 | 70 | 0.8 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | 15 | 16 | 31 | 0.3 | 19 | 9 | 28 | 0.3 |
| Diabetes Mellitus | 4 | 4 | 8 | 0.1 | 5 | 6 | 11 | 0.1 |
| Kwashiorkor | 31 | 25 | 56 | 0.6 | 11 | 8 | 19 | 0.2 |
| Nutritional Marasmus | 2 | - | 2 | 0.0 | - | - | 0 | 0.0 |
| Other Protein-Calorie Malnutrition | 42 | 23 | 65 | 0.7 | 13 | 11 | 24 | 0.3 |
| Other Nutritional Deficiencies | 2 | 2 | 4 | 0.0 | 3 | - | 3 | 0.0 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 30 | 20 | 50 | 0.5 | 20 | 13 | 33 | 0.4 |
| Psychoses | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Mental Retardation | - | - | 0 | 0.0 | 2 | - | 2 | 0.0 |
| Other Mental Disorders | - | 1 | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Menigitis | 38 | 28 | 66 | 0.7 | 28 | 28 | 56 | 0.7 |
| Parkinson's Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 5 - 9 Years | | | | 10 - 14 Years | | | |
|---|-------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Epilepsy | 14 | 11 | 25 | 0.3 | 51 | 31 | 82 | 1.0 |
| Other Diseases of Nervous System | 97 | 65 | 162 | 1.8 | 100 | 50 | 150 | 1.8 |
| Disease of the Eye and Adnexa | 2 | - | 2 | 0.0 | 1 | 5 | 6 | 0.1 |
| Disease of the Ear and Mastoid Process | 5 | 3 | 8 | 0.1 | 9 | 8 | 17 | 0.2 |
| Acute Rheumatic Fever | 4 | 1 | 5 | 0.1 | 2 | 4 | 6 | 0.1 |
| Chronic Rheumatic Heart Disease | 49 | 38 | 87 | 0.9 | 122 | 150 | 272 | 3.2 |
| Hypertension Without Heart Involvement | - | - | 0 | 0.0 | 3 | - | 3 | 0.0 |
| Hypertension With Heart Involvement | 2 | - | 2 | 0.0 | 1 | - | 1 | 0.0 |
| Angina Pectoris | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Forms of Ischaemic Heart Disease | 2 | 1 | 3 | 0.0 | 3 | 2 | 5 | 0.1 |
| Acute Myocardial Infarction | 2 | 4 | 6 | 0.1 | 12 | 6 | 18 | 0.2 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 49 | 27 | 76 | 0.8 | 56 | 40 | 96 | 1.1 |
| Complications and Ill-Defined Descriptions of Heart Disease | 4 | 4 | 8 | 0.1 | 2 | 5 | 7 | 0.1 |
| Cerebrovascular Disease | 24 | 8 | 32 | 0.3 | 28 | 16 | 44 | 0.5 |
| Atherosclerosis | 1 | - | 1 | 0.0 | - | 1 | 1 | 0.0 |
| Aortic Aneurysm and Dissection | - | - | 0 | 0.0 | 1 | 1 | 2 | 0.0 |
| Other Diseases of Arteries, Arterioles and Capillaries | - | - | 0 | 0.0 | 3 | 2 | 5 | 0.1 |
| Venous Thrombosis and Embolism | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Other and Unspecified Disorders of Circulatory System | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Acute Upper Respiratory Infections | 1 | 1 | 2 | 0.0 | 3 | 1 | 4 | 0.0 |
| Influenza | 5 | 4 | 9 | 0.1 | 7 | 2 | 9 | 0.1 |
| Pneumonia | 320 | 302 | 622 | 6.8 | 197 | 186 | 383 | 4.5 |
| Acute Bronchitis and Bronchiolitis | 7 | 3 | 10 | 0.1 | 3 | 4 | 7 | 0.1 |
| Chronic Lower Respiratory Disease | 33 | 21 | 54 | 0.6 | 44 | 28 | 72 | 0.8 |
| Pneumoconoses and Chemical Effects | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Pneumonitis due to Solids and Liquids | 9 | 12 | 21 | 0.2 | 8 | 3 | 11 | 0.1 |
| Other Diseases of Respiratory System | 13 | 6 | 19 | 0.2 | 15 | 15 | 30 | 0.4 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 1 | 1 | 2 | 0.0 | 1 | 1 | 2 | 0.0 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 3 | 1 | 4 | 0.0 | 8 | 3 | 11 | 0.1 |
| Diseases of the Appendix | 11 | 7 | 18 | 0.2 | 16 | 5 | 21 | 0.2 |
| Hernia | 4 | - | 4 | 0.0 | - | 1 | 1 | 0.0 |
| Chronic Liver Disease and Cirrhosis | 4 | 1 | 5 | 0.1 | 2 | - | 2 | 0.0 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Acute Pancreatitis | - | 2 | 2 | 0.0 | 4 | 2 | 6 | 0.1 |
| Other Diseases of the Digestive System | 43 | 23 | 66 | 0.7 | 27 | 16 | 43 | 0.5 |
| Diseases of the Skin and Subcutaneous Tissue | 5 | 10 | 15 | 0.2 | 7 | 4 | 11 | 0.1 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 5 - 9 Years | | | | 10 - 14 Years | | | |
|--|-------------|--------|------------|------|---------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 4 | 3 | 7 | 0.1 | 5 | 8 | 13 | 0.2 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 62 | 34 | 96 | 1.0 | 81 | 55 | 136 | 1.6 |
| Infections of Kidney | 1 | 1 | 2 | 0.0 | 3 | 3 | 6 | 0.1 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | - | - | 0 | 0.0 | 2 | - | 2 | 0.0 |
| Hyperplasia of Prostrate | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Inflammatory Diseases of Female Pelvic Organs | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Diseases of Genito-Urinary System | 4 | 3 | 7 | 0.1 | 9 | 8 | 17 | 0.2 |
| Pregnancy With Abortive Outcome | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hemorrhage in Early Pregnancy | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Congenital Anomalies | 134 | 132 | 266 | 2.9 | 95 | 82 | 177 | 2.1 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 234 | 151 | 385 | 4.2 | 162 | 95 | 257 | 3.0 |
| Transport Accidents | 303 | 189 | 492 | 5.3 | 184 | 82 | 266 | 3.1 |
| Accidental Falls | 28 | 18 | 46 | 0.5 | 31 | 11 | 42 | 0.5 |
| Accidental Drowning and Submersion | 358 | 147 | 505 | 5.5 | 273 | 137 | 410 | 4.8 |
| Exposure to Smoke, Fire and Flames | 23 | 18 | 41 | 0.4 | 8 | 12 | 20 | 0.2 |
| Exposure to Forces of Nature | 18 | 7 | 25 | 0.3 | 21 | 8 | 29 | 0.3 |
| Accidental Poisoning and Exposure to Noxious Substance | 11 | 6 | 17 | 0.2 | 5 | 7 | 12 | 0.1 |
| Other Accidents and Late Effects of Transport and Other Accidents | 80 | 33 | 113 | 1.2 | 115 | 26 | 141 | 1.7 |
| Intentional Self Harm | - | - | 0 | 0.0 | 17 | 8 | 25 | 0.3 |
| Assault | 31 | 34 | 65 | 0.7 | 66 | 39 | 105 | 1.2 |
| Event of Undetermined Intent | 134 | 87 | 221 | 2.4 | 126 | 48 | 174 | 2.0 |
| Legal Interventions | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 2 | 4 | 6 | 0.1 | 2 | 1 | 3 | 0.0 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 15 - 19 Years | | | | 20 - 24 Years | | | |
|---|---------------|--------|------------|------|---------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | - | 2 | 2 | 0.0 | 3 | 1 | 4 | 0.1 |
| Salmonella Infections | 65 | 31 | 96 | 1.2 | 63 | 32 | 95 | 1.4 |
| Shigellosis and Amoebiasis | 3 | 1 | 4 | 0.1 | 4 | 1 | 5 | 0.1 |
| Other Intestinal Infections Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Bacterial Foodborne Intoxications | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 33 | 16 | 49 | 0.6 | 34 | 19 | 53 | 0.8 |
| Tuberculosis of the Respiratory System | 179 | 105 | 284 | 3.7 | 331 | 223 | 554 | 7.9 |
| Tuberculosis of Nervous System | 27 | 21 | 48 | 0.6 | 27 | 22 | 49 | 0.7 |
| Other Tuberculosis, including Late Effects | 9 | 7 | 16 | 0.2 | 20 | 16 | 36 | 0.5 |
| Leptospirosis | 12 | 2 | 14 | 0.2 | 18 | - | 18 | 0.3 |
| Leprosy, Including Late Effects | 2 | - | 2 | 0.0 | 2 | - | 2 | 0.0 |
| Tetanus | 34 | 7 | 41 | 0.5 | 44 | 3 | 47 | 0.7 |
| Diphtheria | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Whooping Cough | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Meningococcal Infection | 2 | 3 | 5 | 0.1 | 3 | 4 | 7 | 0.1 |
| Septicemia | 65 | 54 | 119 | 1.5 | 61 | 65 | 126 | 1.8 |
| Syphilis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Gonococcal Infections | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rickettsioses | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| All Other Diseases Caused by Bacteria | 1 | 1 | 2 | 0.0 | - | - | 0 | 0.0 |
| Acute Poliomyelitis, including Late Effects | - | 1 | 1 | 0.0 | 3 | 2 | 5 | 0.1 |
| Rabies | 28 | 4 | 32 | 0.4 | 21 | 5 | 26 | 0.4 |
| Other Arthropod-borne Viral Encephalitis | 6 | 2 | 8 | 0.1 | 4 | 1 | 5 | 0.1 |
| Dengue Fever and Dengue-Hemorrhagic Fever | 11 | 14 | 25 | 0.3 | 6 | 4 | 10 | 0.1 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Chickenpox | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | 2 | 2 | 4 | 0.1 | - | 2 | 2 | 0.0 |
| Viral Hepatitis | 13 | 9 | 22 | 0.3 | 24 | 16 | 40 | 0.6 |
| Human Immuno Deficiency Virus (HIV) Disease | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Other Viral Diseases | 9 | 2 | 11 | 0.1 | 4 | 7 | 11 | 0.2 |
| Malaria | 13 | 7 | 20 | 0.3 | 22 | 4 | 26 | 0.4 |
| Schistosomiasis | 3 | 3 | 6 | 0.1 | 5 | 1 | 6 | 0.1 |
| Filariasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Helminthiasis | 1 | 2 | 3 | 0.0 | 4 | - | 4 | 0.1 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 15 - 19 Years | | | | 20 - 24 Years | | | |
|--|---------------|--------|------|------|---------------|--------|------|------|
| | Male | Female | Both | Rate | Male | Female | Both | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 2 | 1 | 3 | 0.0 | 1 | 2 | 3 | 0.0 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 11 | 5 | 16 | 0.2 | 6 | 7 | 13 | 0.2 |
| Malignant Neoplasm of Esophagus | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Malignant Neoplasm of Stomach | 6 | 2 | 8 | 0.1 | 4 | 2 | 6 | 0.1 |
| Malignant Neoplasm of Small Intestine | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Malignant Neoplasm of Colon | 7 | 1 | 8 | 0.1 | 12 | 5 | 17 | 0.2 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | - | - | 0 | 0.0 | 3 | 3 | 6 | 0.1 |
| Malignant Neoplasms of other and Unspecified Site | 63 | 53 | 116 | 1.5 | 96 | 58 | 154 | 2.1 |
| Malignant Neoplasm of Larynx | - | 1 | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 12 | 3 | 15 | 0.2 | 10 | 10 | 20 | 0.3 |
| Malignant Neoplasm of Bone and Articular Cartilage | 37 | 22 | 59 | 0.8 | 30 | 16 | 46 | 0.7 |
| Melanoma and Other Malignant Neoplasm of Skin | - | - | 0 | 0.0 | 2 | - | 2 | 0.0 |
| Malignant Neoplasm of Breast | - | 3 | 3 | 0.0 | - | 7 | 7 | 0.1 |
| Malignant Neoplasm of Other Female Genital Organs | - | 12 | 12 | 0.2 | - | 29 | 29 | 0.4 |
| Malignant Neoplasm of Cervix Uteri | - | 2 | 2 | 0.0 | - | 4 | 4 | 0.1 |
| Malignant Neoplasm of Uterus | - | 8 | 8 | 0.1 | - | 11 | 11 | 0.2 |
| Malignant Neoplasm of Placenta | - | - | 0 | 0.0 | - | 11 | 11 | 0.2 |
| Malignant Neoplasm of Prostate | 2 | - | 2 | 0.0 | 1 | - | 1 | 0.0 |
| Malignant Neoplasm of Lymphatic Tissue | 21 | 12 | 33 | 0.4 | 22 | 6 | 28 | 0.4 |
| Leukemia | 87 | 76 | 163 | 2.1 | 56 | 69 | 125 | 1.8 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 2 | 2 | 4 | 0.1 | 3 | 6 | 9 | 0.1 |
| Anemias | 33 | 39 | 72 | 0.9 | 38 | 46 | 84 | 1.2 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | 14 | 26 | 40 | 0.5 | 13 | 17 | 30 | 0.4 |
| Diabetes Mellitus | 11 | 12 | 23 | 0.3 | 26 | 15 | 41 | 0.6 |
| Kwashiorkor | 3 | 6 | 9 | 0.1 | 1 | 2 | 3 | 0.0 |
| Nutritional Marasmus | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Other Protein-Calorie Malnutrition | 10 | 1 | 11 | 0.1 | 7 | 4 | 11 | 0.2 |
| Other Nutritional Deficiencies | 2 | 1 | 3 | 0.0 | 3 | 4 | 7 | 0.1 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 21 | 25 | 46 | 0.6 | 29 | 29 | 58 | 0.8 |
| Psychoses | 9 | 2 | 11 | 0.1 | 34 | 4 | 38 | 0.5 |
| Mental Retardation | - | - | 0 | 0.0 | 2 | - | 2 | 0.0 |
| Other Mental Disorders | 1 | 1 | 2 | 0.0 | 4 | 2 | 6 | 0.1 |
| Meningitis | 22 | 18 | 40 | 0.5 | 22 | 15 | 37 | 0.5 |
| Parkinson's Disease | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 15 - 19 Years | | | | 20 - 24 Years | | | |
|---|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Epilepsy | 76 | 36 | 112 | 1.4 | 63 | 33 | 96 | 1.4 |
| Other Diseases of Nervous System | 89 | 57 | 146 | 1.9 | 86 | 54 | 140 | 2.0 |
| Disease of the Eye and Adnexa | 1 | - | 1 | 0.0 | 2 | - | 2 | 0.0 |
| Disease of the Ear and Mastoid Process | 10 | 7 | 17 | 0.2 | 8 | 2 | 10 | 0.1 |
| Acute Rheumatic Fever | 7 | 3 | 10 | 0.1 | 3 | 3 | 6 | 0.1 |
| Chronic Rheumatic Heart Disease | 183 | 150 | 333 | 4.3 | 123 | 140 | 263 | 3.8 |
| Hypertension Without Heart Involvement | 14 | 11 | 25 | 0.3 | 48 | 21 | 69 | 1.0 |
| Hypertension With Heart Involvement | 5 | 2 | 7 | 0.1 | 12 | 13 | 25 | 0.4 |
| Angina Pectoris | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Forms of Ischaemic Heart Disease | 14 | 8 | 22 | 0.3 | 49 | 25 | 74 | 1.1 |
| Acute Myocardial Infraction | 70 | 31 | 101 | 1.3 | 249 | 74 | 323 | 4.6 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 113 | 86 | 199 | 2.6 | 153 | 105 | 258 | 3.7 |
| Complications and Ill-Defined Description of Heart Disease | 18 | 7 | 25 | 0.3 | 22 | 13 | 35 | 0.5 |
| Cerebrovascular Disease | 40 | 27 | 67 | 0.9 | 113 | 51 | 164 | 2.3 |
| Atherosclerosis | - | 1 | 1 | 0.0 | 2 | 1 | 3 | 0.0 |
| Aortic Aneurysm and Dissection | 2 | 1 | 3 | 0.0 | 2 | 1 | 3 | 0.0 |
| Other Diseases of Arteries, Arterioles and Capillaries | 3 | 1 | 4 | 0.1 | 4 | 2 | 6 | 0.1 |
| Venous Thrombosis and Embolism | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Other and Unspecified Disorders of Circulatory System | 4 | 2 | 6 | 0.1 | 2 | 1 | 3 | 0.0 |
| Acute Upper Respiratory Infections | - | 4 | 4 | 0.1 | - | 1 | 1 | 0.0 |
| Influenza | 11 | 3 | 14 | 0.2 | 8 | 2 | 10 | 0.1 |
| Pneumonia | 192 | 119 | 311 | 4.0 | 189 | 142 | 331 | 4.7 |
| Acute Bronchitis and Bronchiolitis | 2 | - | 2 | 0.0 | 1 | 2 | 3 | 0.0 |
| Chronic Lower Respiratory Disease | 67 | 57 | 124 | 1.6 | 92 | 59 | 151 | 2.2 |
| Pneumoconoses and Chemical Effects | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Pneumonitis due to Solids and Liquids | 13 | 6 | 19 | 0.2 | 9 | 5 | 14 | 0.2 |
| Other Diseases of Respiratory System | 21 | 12 | 33 | 0.4 | 26 | 18 | 44 | 0.6 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 3 | 3 | 6 | 0.1 | 4 | - | 4 | 0.1 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 19 | 15 | 34 | 0.4 | 46 | 16 | 62 | 0.9 |
| Diseases of the Appendix | 13 | 5 | 18 | 0.2 | 9 | 9 | 18 | 0.3 |
| Hernia | 3 | - | 3 | 0.0 | 3 | - | 3 | 0.0 |
| Chronic Liver Disease and Cirrhosis | 5 | 4 | 9 | 0.1 | 18 | 9 | 27 | 0.4 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 1 | 1 | 2 | 0.0 | 2 | 3 | 5 | 0.1 |
| Acute Pancreatitis | 73 | 13 | 86 | 1.1 | 273 | 13 | 286 | 4.1 |
| Other Diseases of the Digestive System | 38 | 31 | 69 | 0.9 | 36 | 17 | 53 | 0.8 |
| Diseases of the Skin and Subcutaneous Tissue | 8 | 14 | 22 | 0.3 | 13 | 8 | 21 | 0.3 |

Table 24

Mortality: By Cause- Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 15 - 19 Years | | | | 20 - 24 Years | | | |
|--|---------------|--------|------------|------|---------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 5 | 20 | 25 | 0.3 | 12 | 30 | 42 | 0.6 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 114 | 87 | 201 | 2.6 | 163 | 116 | 279 | 4.0 |
| Infections of Kidney | 3 | 9 | 12 | 0.2 | 8 | 4 | 12 | 0.2 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | 2 | 1 | 3 | 0.0 | 3 | - | 3 | 0.0 |
| Hyperplasia of Prostate | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Inflammatory Diseases of Female Pelvic Organs | - | 1 | 1 | 0.0 | - | 4 | 4 | 0.1 |
| Other Diseases of Genito-Urinary System | 9 | 16 | 25 | 0.3 | 15 | 14 | 29 | 0.4 |
| Pregnancy With Abortive Outcome | - | 14 | 14 | 0.2 | - | 21 | 21 | 0.3 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | 28 | 28 | 0.4 | - | 57 | 57 | 0.8 |
| Hemorrhage in Early Pregnancy | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | 12 | 12 | 0.2 | - | 59 | 59 | 0.8 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | 23 | 23 | 0.3 | - | 95 | 95 | 1.4 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Congenital Anomalies | 63 | 47 | 110 | 1.4 | 37 | 35 | 72 | 1.0 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 188 | 108 | 296 | 3.8 | 272 | 119 | 391 | 5.6 |
| Transport Accidents | 284 | 92 | 376 | 4.8 | 409 | 95 | 504 | 7.2 |
| Accidental Falls | 37 | 8 | 45 | 0.6 | 33 | 5 | 38 | 0.5 |
| Accidental Drowning and Submersion | 258 | 81 | 339 | 4.4 | 188 | 32 | 220 | 3.1 |
| Exposure to Smoke, Fire and Flames | 17 | 8 | 25 | 0.3 | 23 | 10 | 33 | 0.5 |
| Exposure to Forces of Nature | 18 | 11 | 29 | 0.4 | 17 | 7 | 24 | 0.3 |
| Accidental Poisoning and Exposure to Noxious Substance | 8 | 1 | 9 | 0.1 | 7 | 3 | 10 | 0.1 |
| Other Accidents and Late Effects of Transport and Other Accidents | 193 | 27 | 220 | 2.8 | 205 | 16 | 221 | 3.2 |
| Intentional Self Harm | 117 | 50 | 167 | 2.1 | 156 | 53 | 209 | 3.0 |
| Assault | 655 | 76 | 731 | 9.4 | 1,315 | 87 | 1,402 | 20.0 |
| Event of Undetermined Intent | 239 | 69 | 308 | 4.0 | 317 | 63 | 380 | 5.4 |
| Legal Interventions | 2 | - | 2 | 0.0 | 14 | - | 14 | 0.2 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 4 | 3 | 7 | 0.1 | 11 | 4 | 15 | 0.2 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 25 - 29 Years | | | | 30 - 34 Years | | | |
|--|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | - | - | 0 | 0.0 | 3 | - | 3 | 0.1 |
| Salmonella Infections | 44 | 37 | 81 | 1.3 | 45 | 20 | 65 | 1.2 |
| Shigellosis and Amoebiasis | 9 | 3 | 12 | 0.2 | 5 | 4 | 9 | 0.2 |
| Other Intestinal Infections Disease | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Other Bacterial Foodborne Intoxications | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 23 | 20 | 43 | 0.7 | 28 | 19 | 47 | 0.9 |
| Tuberculosis of the Respiratory System | 500 | 284 | 784 | 12.6 | 670 | 351 | 1,021 | 18.8 |
| Tuberculosis of Nervous System | 21 | 29 | 50 | 0.8 | 16 | 17 | 33 | 0.6 |
| Other Tuberculosis, including Late Effects | 18 | 8 | 26 | 0.4 | 14 | 13 | 27 | 0.5 |
| Leptospirosis | 36 | 2 | 38 | 0.6 | 33 | 2 | 35 | 0.6 |
| Leprosy, Including Late Effects | 2 | - | 2 | 0.0 | 2 | - | 2 | 0.0 |
| Tetanus | 29 | 2 | 31 | 0.5 | 26 | 3 | 29 | 0.5 |
| Diphtheria | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Whooping Cough | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Meningococcal Infection | 2 | 1 | 3 | 0.0 | 5 | 2 | 7 | 0.1 |
| Septicemia | 71 | 76 | 147 | 2.4 | 76 | 65 | 141 | 2.6 |
| Syphilis | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Gonococcal Infections | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rickettsioses | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| All Other Diseases Caused by Bacteria | 4 | - | 4 | 0.1 | 1 | 1 | 2 | 0.0 |
| Acute Poliomyelitis, including Late Effects | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Rabies | 18 | 6 | 24 | 0.4 | 24 | 13 | 37 | 0.7 |
| Other Arthropod-borne Viral Encephalitis | 4 | 1 | 5 | 0.1 | 2 | 3 | 5 | 0.1 |
| Dengue Fever and Dengue-Hemorrhagic Fever | 5 | 6 | 11 | 0.2 | 9 | 1 | 10 | 0.2 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Chickenpox | 1 | - | 1 | 0.0 | 3 | - | 3 | 0.1 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Viral Hepatitis | 29 | 16 | 45 | 0.7 | 34 | 15 | 49 | 0.9 |
| Human Immuno Deficiency Virus (HIV) Disease | 2 | 3 | 5 | 0.1 | 2 | 4 | 6 | 0.1 |
| Other Viral Diseases | 2 | - | 2 | 0.0 | 1 | - | 1 | 0.0 |
| Malaria | 20 | 6 | 26 | 0.4 | 24 | 4 | 28 | 0.5 |
| Schistosomiasis | 4 | 7 | 11 | 0.2 | 6 | 2 | 8 | 0.1 |
| Filariasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Helminthiasis | 1 | 3 | 4 | 0.1 | 2 | 1 | 3 | 0.1 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 25 - 29 Years | | | | 30 - 34 Years | | | |
|---|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 4 | 2 | 6 | 0.1 | - | 1 | 1 | 0.0 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 17 | 12 | 29 | 0.5 | 20 | 11 | 31 | 0.6 |
| Malignant Neoplasm of Esophagus | 1 | 3 | 4 | 0.1 | 2 | 1 | 3 | 0.1 |
| Malignant Neoplasm of Stomach | 14 | 7 | 21 | 0.3 | 15 | 8 | 23 | 0.4 |
| Malignant Neoplasm of Small Intestine | 1 | 2 | 3 | 0.0 | 2 | - | 2 | 0.0 |
| Malignant Neoplasm of Colon | 14 | 9 | 23 | 0.4 | 18 | 21 | 39 | 0.7 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | 12 | 4 | 16 | 0.3 | 3 | 9 | 12 | 0.2 |
| Malignant Neoplasms of other and Unspecified Site | 140 | 97 | 237 | 3.8 | 233 | 120 | 353 | 6.5 |
| Malignant Neoplasm of Larynx | 1 | - | 1 | 0.0 | - | 1 | 1 | 0.0 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 28 | 17 | 45 | 0.7 | 50 | 33 | 83 | 1.5 |
| Malignant Neoplasm of Bone and Articular Cartilage | 32 | 20 | 52 | 0.8 | 25 | 15 | 40 | 0.7 |
| Melanoma and Other Malignant Neoplasm of Skin | 5 | 3 | 8 | 0.1 | 3 | 4 | 7 | 0.1 |
| Malignant Neoplasm of Breast | - | 30 | 30 | 0.5 | 1 | 97 | 98 | 1.8 |
| Malignant Neoplasm of Other Female Genital Organs | - | 24 | 24 | 0.4 | - | 33 | 33 | 0.6 |
| Malignant Neoplasm of Cervix Uteri | - | 10 | 10 | 0.2 | - | 37 | 37 | 0.7 |
| Malignant Neoplasm of Uterus | - | 28 | 28 | 0.5 | - | 56 | 56 | 1.0 |
| Malignant Neoplasm of Placenta | - | 8 | 8 | 0.1 | - | 6 | 6 | 0.1 |
| Malignant Neoplasm of Prostate | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Malignant Neoplasm of Lymphatic Tissue | 22 | 20 | 42 | 0.7 | 23 | 16 | 39 | 0.7 |
| Leukemia | 63 | 74 | 137 | 2.2 | 47 | 57 | 104 | 1.9 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 3 | 6 | 9 | 0.1 | 3 | 2 | 5 | 0.1 |
| Anemias | 35 | 46 | 81 | 1.3 | 35 | 39 | 74 | 1.4 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | 15 | 16 | 31 | 0.5 | 8 | 17 | 25 | 0.5 |
| Diabetes Mellitus | 34 | 28 | 62 | 1.0 | 56 | 43 | 99 | 1.8 |
| Kwashiorkor | 1 | 1 | 2 | 0.0 | 2 | 2 | 4 | 0.1 |
| Nutritional Marasmus | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Other Protein-Calorie Malnutrition | 12 | 7 | 19 | 0.3 | 14 | 15 | 29 | 0.5 |
| Other Nutritional Deficiencies | 3 | 1 | 4 | 0.1 | 6 | 3 | 9 | 0.2 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 34 | 27 | 61 | 1.0 | 31 | 56 | 87 | 1.5 |
| Psychoses | 45 | 12 | 57 | 0.9 | 64 | 9 | 73 | 1.3 |
| Mental Retardation | 2 | 1 | 3 | 0.0 | 1 | 2 | 3 | 0.1 |
| Other Mental Disorders | 6 | 5 | 11 | 0.2 | 5 | 7 | 12 | 0.2 |
| Meningitis | 20 | 15 | 35 | 0.6 | 19 | 9 | 28 | 0.5 |
| Parkinson's Disease | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 25 - 29 Years | | | | 30 - 34 Years | | | |
|---|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Epilepsy | 53 | 32 | 85 | 1.4 | 32 | 29 | 61 | 1.1 |
| Other Diseases of Nervous System | 75 | 55 | 130 | 2.1 | 68 | 66 | 134 | 2.5 |
| Disease of the Eye and Adnexa | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Disease of the Ear and Mastoid Process | 5 | 3 | 8 | 0.1 | 2 | 1 | 3 | 0.1 |
| Acute Rheumatic Fever | - | 2 | 2 | 0.0 | - | - | 0 | 0.0 |
| Chronic Rheumatic Heart Disease | 101 | 126 | 227 | 3.7 | 84 | 104 | 188 | 3.5 |
| Hypertension Without Heart Involvement | 108 | 45 | 153 | 2.5 | 196 | 79 | 275 | 5.1 |
| Hypertension With Heart Involvement | 20 | 9 | 29 | 0.5 | 48 | 21 | 69 | 1.3 |
| Angina Pectoris | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Other Forms of Ischaemic Heart Disease | 94 | 22 | 116 | 1.9 | 87 | 31 | 118 | 2.2 |
| Acute Myocardial Infraction | 430 | 111 | 541 | 8.7 | 649 | 172 | 821 | 15.1 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 148 | 136 | 284 | 4.6 | 202 | 171 | 373 | 6.9 |
| Complications and Ill-Defined Description of Heart Disease | 31 | 19 | 50 | 0.8 | 52 | 18 | 70 | 1.3 |
| Cerebrovascular Disease | 148 | 61 | 209 | 3.4 | 215 | 112 | 327 | 6.0 |
| Atherosclerosis | 1 | 1 | 2 | 0.0 | 4 | - | 4 | 0.1 |
| Aortic Aneurysm and Dissection | 6 | 1 | 7 | 0.1 | 3 | 3 | 6 | 0.1 |
| Other Diseases of Arteries, Arterioles and Capillaries | 10 | 5 | 15 | 0.2 | 12 | 7 | 19 | 0.3 |
| Venous Thrombosis and Embolism | 2 | 1 | 3 | 0.0 | 2 | - | 2 | 0.0 |
| Other and Unspecified Disorders of Circulatory System | 5 | 1 | 6 | 0.1 | 5 | 4 | 9 | 0.2 |
| Acute Upper Respiratory Infections | - | 2 | 2 | 0.0 | 2 | 5 | 7 | 0.1 |
| Influenza | 6 | 1 | 7 | 0.1 | 3 | 2 | 5 | 0.1 |
| Pneumonia | 188 | 135 | 323 | 5.2 | 190 | 133 | 323 | 5.9 |
| Acute Bronchitis and Bronchiolitis | - | - | 0 | 0.0 | 3 | - | 3 | 0.1 |
| Chronic Lower Respiratory Disease | 96 | 91 | 187 | 3.0 | 141 | 101 | 242 | 4.4 |
| Pneumoconoses and Chemical Effects | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Pneumonitis due to Solids and Liquids | 10 | 6 | 16 | 0.3 | 11 | 4 | 15 | 0.3 |
| Other Diseases of Respiratory System | 22 | 17 | 39 | 0.6 | 29 | 16 | 45 | 0.8 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 1 | 1 | 2 | 0.0 | 2 | 1 | 3 | 0.1 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 93 | 29 | 122 | 2.0 | 95 | 29 | 124 | 2.3 |
| Diseases of the Appendix | 10 | 6 | 16 | 0.3 | 12 | 7 | 19 | 0.3 |
| Hernia | 6 | - | 6 | 0.1 | 1 | - | 1 | 0.0 |
| Chronic Liver Disease and Cirrhosis | 74 | 12 | 86 | 1.4 | 137 | 18 | 155 | 2.8 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 4 | 2 | 6 | 0.1 | 11 | 7 | 18 | 0.3 |
| Acute Pancreatitis | 328 | 13 | 341 | 5.5 | 294 | 20 | 314 | 5.8 |
| Other Diseases of the Digestive System | 79 | 39 | 118 | 1.9 | 107 | 32 | 139 | 2.6 |
| Diseases of the Skin and Subcutaneous Tissue | 10 | 14 | 24 | 0.4 | 12 | 14 | 26 | 0.5 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 25 - 29 Years | | | | 30 - 34 Years | | | |
|--|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 11 | 25 | 36 | 0.6 | 7 | 28 | 35 | 0.6 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 215 | 138 | 353 | 5.7 | 211 | 132 | 343 | 6.3 |
| Infections of Kidney | 13 | 9 | 22 | 0.4 | 9 | 11 | 20 | 0.4 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | 7 | 1 | 8 | 0.1 | 3 | - | 3 | 0.1 |
| Hyperplasia of Prostate | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Inflammatory Diseases of Female Pelvic Organs | - | 3 | 3 | 0.0 | - | 1 | 1 | 0.0 |
| Other Diseases of Genito-Urinary System | 19 | 20 | 39 | 0.6 | 21 | 15 | 36 | 0.7 |
| Pregnancy With Abortive Outcome | - | 28 | 28 | 0.5 | - | 30 | 30 | 0.6 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | 82 | 82 | 1.3 | - | 75 | 75 | 1.4 |
| Hemorrhage in Early Pregnancy | - | 2 | 2 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | 42 | 42 | 0.7 | - | 57 | 57 | 1.0 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | 120 | 120 | 1.9 | - | 116 | 116 | 2.1 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Congenital Anomalies | 25 | 26 | 51 | 0.8 | 13 | 33 | 46 | 0.8 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 273 | 99 | 372 | 6.0 | 278 | 120 | 398 | 7.3 |
| Transport Accidents | 420 | 83 | 503 | 8.1 | 404 | 68 | 472 | 8.7 |
| Accidental Falls | 47 | 5 | 52 | 0.8 | 40 | 7 | 47 | 0.9 |
| Accidental Drowning and Submersion | 168 | 37 | 205 | 3.3 | 130 | 12 | 142 | 2.6 |
| Exposure to Smoke, Fire and Flames | 17 | 12 | 29 | 0.5 | 19 | 7 | 26 | 0.5 |
| Exposure to Forces of Nature | 19 | 11 | 30 | 0.5 | 23 | 4 | 27 | 0.5 |
| Accidental Poisoning and Exposure to Noxious Substance | 6 | 2 | 8 | 0.1 | 11 | 5 | 16 | 0.3 |
| Other Accidents and Late Effects of Transport and Other Accidents | 178 | 22 | 200 | 3.2 | 140 | 18 | 158 | 2.9 |
| Intentional Self Harm | 123 | 34 | 157 | 2.5 | 94 | 30 | 124 | 2.3 |
| Assault | 1,654 | 107 | 1,761 | 28.4 | 1,509 | 90 | 1,599 | 29.4 |
| Event of Undetermined Intent | 376 | 49 | 425 | 6.8 | 360 | 65 | 425 | 7.8 |
| Legal Interventions | 28 | 1 | 29 | 0.5 | 17 | 1 | 18 | 0.3 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 10 | 6 | 16 | 0.3 | 7 | 7 | 14 | 0.3 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| C A U S E | 35 - 39 Years | | | | 40 - 44 Years | | | |
|--|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | 2 | 1 | 3 | 0.1 | 2 | - | 2 | 0.1 |
| Salmonella Infections | 42 | 18 | 60 | 1.3 | 36 | 14 | 50 | 1.3 |
| Shigellosis and Amoebiasis | 4 | 4 | 8 | 0.2 | 8 | 5 | 13 | 0.3 |
| Other Intestinal Infections Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Bacterial Foodborne Intoxications | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 28 | 36 | 64 | 1.4 | 50 | 23 | 73 | 1.8 |
| Tuberculosis of the Respiratory System | 924 | 450 | 1,374 | 29.3 | 1,166 | 492 | 1,658 | 41.9 |
| Tuberculosis of Nervous System | 12 | 14 | 26 | 0.6 | 22 | 13 | 35 | 0.9 |
| Other Tuberculosis, including Late Effects | 13 | 15 | 28 | 0.6 | 19 | 11 | 30 | 0.8 |
| Leptospirosis | 35 | 2 | 37 | 0.8 | 23 | 1 | 24 | 0.6 |
| Leprosy, Including Late Effects | 3 | 2 | 5 | 0.1 | 7 | - | 7 | 0.2 |
| Tetanus | 38 | 2 | 40 | 0.9 | 40 | 4 | 44 | 1.1 |
| Diphtheria | - | 2 | 2 | 0.0 | - | - | 0 | 0.0 |
| Whooping Cough | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Meningococcal Infection | 1 | 1 | 2 | 0.0 | 5 | 1 | 6 | 0.2 |
| Septicemia | 96 | 56 | 152 | 3.2 | 88 | 79 | 167 | 4.2 |
| Syphilis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Gonococcal Infections | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rickettsioses | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| All Other Diseases Caused by Bacteria | 2 | 2 | 4 | 0.1 | 4 | - | 4 | 0.1 |
| Acute Poliomyelitis, including Late Effects | 3 | - | 3 | 0.1 | 1 | 1 | 2 | 0.1 |
| Rabies | 26 | 7 | 33 | 0.7 | 24 | 12 | 36 | 0.9 |
| Other Arthropod-borne Viral Encephalitis | 4 | 2 | 6 | 0.1 | 1 | 2 | 3 | 0.1 |
| Dengue Fever and Dengue-Hemorrhagic Fever | 4 | 2 | 6 | 0.1 | 3 | 2 | 5 | 0.1 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | 1 | 1 | 0.0 | 2 | - | 2 | 0.1 |
| Chickenpox | 1 | 1 | 2 | 0.0 | 2 | - | 2 | 0.1 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | 1 | - | 1 | 0.0 | 2 | - | 2 | 0.1 |
| Viral Hepatitis | 44 | 12 | 56 | 1.2 | 63 | 10 | 73 | 1.8 |
| Human Immuno Deficiency Virus (HIV) Disease | 6 | 1 | 7 | 0.1 | 5 | - | 5 | 0.1 |
| Other Viral Diseases | 4 | 3 | 7 | 0.1 | 3 | 1 | 4 | 0.1 |
| Malaria | 16 | 11 | 27 | 0.6 | 17 | 5 | 22 | 0.6 |
| Schistosomiasis | 17 | 6 | 23 | 0.5 | 8 | 7 | 15 | 0.4 |
| Filariasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Helminthiasis | 1 | 1 | 2 | 0.0 | 3 | 1 | 4 | 0.1 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| C A U S E | 35 - 39 Years | | | | 40 - 44 Years | | | |
|---|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 1 | - | 1 | 0.0 | 3 | 1 | 4 | 0.1 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 39 | 16 | 55 | 1.2 | 46 | 31 | 77 | 1.9 |
| Malignant Neoplasm of Esophagus | 7 | 3 | 10 | 0.2 | 11 | 8 | 19 | 0.5 |
| Malignant Neoplasm of Stomach | 38 | 21 | 59 | 1.3 | 45 | 23 | 68 | 1.7 |
| Malignant Neoplasm of Small Intestine | 2 | 1 | 3 | 0.1 | 4 | - | 4 | 0.1 |
| Malignant Neoplasm of Colon | 25 | 20 | 45 | 1.0 | 49 | 32 | 81 | 2.0 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | 11 | 8 | 19 | 0.4 | 21 | 10 | 31 | 0.8 |
| Malignant Neoplasms of other and Unspecified Site | 398 | 137 | 535 | 11.4 | 532 | 240 | 772 | 19.5 |
| Malignant Neoplasm of Larynx | 5 | 1 | 6 | 0.1 | 8 | 2 | 10 | 0.3 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 69 | 52 | 121 | 2.6 | 156 | 55 | 211 | 5.3 |
| Malignant Neoplasm of Bone and Articular Cartilage | 53 | 21 | 74 | 1.6 | 50 | 31 | 81 | 2.0 |
| Melanoma and Other Malignant Neoplasm of Skin | 4 | 4 | 8 | 0.2 | 7 | 1 | 8 | 0.2 |
| Malignant Neoplasm of Breast | 8 | 225 | 233 | 5.0 | 7 | 404 | 411 | 10.4 |
| Malignant Neoplasm of Other Female Genital Organs | - | 49 | 49 | 1.0 | - | 88 | 88 | 2.2 |
| Malignant Neoplasm of Cervix Uteri | - | 67 | 67 | 1.4 | - | 129 | 129 | 3.3 |
| Malignant Neoplasm of Uterus | - | 80 | 80 | 1.7 | - | 94 | 94 | 2.4 |
| Malignant Neoplasm of Placenta | - | 3 | 3 | 0.1 | - | 2 | 2 | 0.1 |
| Malignant Neoplasm of Prostate | 2 | - | 2 | 0.0 | 8 | - | 8 | 0.2 |
| Malignant Neoplasm of Lymphatic Tissue | 32 | 22 | 54 | 1.2 | 23 | 15 | 38 | 1.0 |
| Leukemia | 48 | 54 | 102 | 2.2 | 68 | 61 | 129 | 3.3 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 6 | 19 | 25 | 0.5 | 3 | 18 | 21 | 0.5 |
| Anemias | 33 | 36 | 69 | 1.5 | 28 | 43 | 71 | 1.8 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | 20 | 18 | 38 | 0.8 | 12 | 17 | 29 | 0.7 |
| Diabetes Mellitus | 112 | 65 | 177 | 3.8 | 218 | 107 | 325 | 8.2 |
| Kwashiorkor | 2 | 1 | 3 | 0.1 | 2 | - | 2 | 0.1 |
| Nutritional Marasmus | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.0 |
| Other Protein-Calorie Malnutrition | 6 | 7 | 13 | 0.3 | 19 | 2 | 21 | 0.5 |
| Other Nutritional Deficiencies | 9 | 5 | 14 | 0.3 | 6 | 3 | 9 | 0.2 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 30 | 61 | 91 | 1.9 | 35 | 55 | 90 | 2.3 |
| Psychoses | 82 | 10 | 92 | 2.0 | 86 | 14 | 100 | 2.5 |
| Mental Retardation | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Other Mental Disorders | 10 | 5 | 15 | 0.3 | 5 | 7 | 12 | 0.3 |
| Meningitis | 18 | 10 | 28 | 0.6 | 11 | 7 | 18 | 0.5 |
| Parkinson's Disease | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.0 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| C A U S E | 35 - 39 Years | | | | 40 - 44 Years | | | |
|---|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Epilepsy | 32 | 18 | 50 | 1.1 | 28 | 17 | 45 | 1.1 |
| Other Diseases of Nervous System | 75 | 51 | 126 | 2.7 | 104 | 41 | 145 | 3.7 |
| Disease of the Eye and Adnexa | 1 | 1 | 2 | 0.0 | - | - | 0 | 0.0 |
| Disease of the Ear and Mastoid Process | 1 | 3 | 4 | 0.1 | 1 | 1 | 2 | 0.1 |
| Acute Rheumatic Fever | 1 | 2 | 3 | 0.1 | - | 3 | 3 | 0.1 |
| Chronic Rheumatic Heart Disease | 70 | 136 | 206 | 4.4 | 35 | 89 | 124 | 3.1 |
| Hypertension Without Heart Involvement | 353 | 143 | 496 | 10.6 | 554 | 246 | 800 | 20.2 |
| Hypertension With Heart Involvement | 76 | 35 | 111 | 2.4 | 156 | 55 | 211 | 5.3 |
| Angina Pectoris | 2 | 1 | 3 | 0.1 | - | - | 0 | 0.0 |
| Other Forms of Ischaemic Heart Disease | 109 | 57 | 166 | 3.5 | 159 | 62 | 221 | 5.6 |
| Acute Myocardial Infraction | 783 | 223 | 1,006 | 21.5 | 976 | 274 | 1,250 | 31.6 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 260 | 196 | 456 | 9.7 | 279 | 205 | 484 | 12.2 |
| Complications and Ill-Defined Description of Heart Disease | 56 | 27 | 83 | 1.8 | 78 | 52 | 130 | 3.3 |
| Cerebrovascular Disease | 365 | 179 | 544 | 11.6 | 490 | 250 | 740 | 18.7 |
| Atherosclerosis | 1 | - | 1 | 0.0 | 1 | 2 | 3 | 0.1 |
| Aortic Aneurysm and Dissection | 4 | 2 | 6 | 0.1 | 14 | 5 | 19 | 0.5 |
| Other Diseases of Arteries, Arterioles and Capillaries | 17 | 4 | 21 | 0.4 | 11 | 8 | 19 | 0.5 |
| Venous Thrombosis and Embolism | 3 | 2 | 5 | 0.1 | 1 | 2 | 3 | 0.1 |
| Other and Unspecified Disorders of Circulatory System | 4 | - | 4 | 0.1 | 8 | 1 | 9 | 0.2 |
| Acute Upper Respiratory Infections | 2 | - | 2 | 0.0 | 1 | - | 1 | 0.0 |
| Influenza | 3 | 3 | 6 | 0.1 | 4 | - | 4 | 0.1 |
| Pneumonia | 242 | 161 | 403 | 8.6 | 269 | 159 | 428 | 10.8 |
| Acute Bronchitis and Bronchiolitis | 1 | - | 1 | 0.0 | 3 | 1 | 4 | 0.1 |
| Chronic Lower Respiratory Disease | 191 | 138 | 329 | 7.0 | 228 | 140 | 368 | 9.3 |
| Pneumoconoses and Chemical Effects | 1 | 1 | 2 | 0.0 | - | 1 | 1 | 0.0 |
| Pneumonitis due to Solids and Liquids | 14 | 10 | 24 | 0.5 | 20 | 7 | 27 | 0.7 |
| Other Diseases of Respiratory System | 41 | 19 | 60 | 1.3 | 36 | 23 | 59 | 1.5 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 3 | 2 | 5 | 0.1 | 2 | 1 | 3 | 0.1 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 139 | 34 | 173 | 3.7 | 187 | 50 | 237 | 6.0 |
| Diseases of the Appendix | 14 | 3 | 17 | 0.4 | 7 | 1 | 8 | 0.2 |
| Hernia | 2 | 1 | 3 | 0.1 | 4 | 2 | 6 | 0.2 |
| Chronic Liver Disease and Cirrhosis | 247 | 31 | 278 | 5.9 | 366 | 46 | 412 | 10.4 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 9 | 14 | 23 | 0.5 | 13 | 12 | 25 | 0.6 |
| Acute Pancreatitis | 285 | 11 | 296 | 6.3 | 156 | 17 | 173 | 4.4 |
| Other Diseases of the Digestive System | 126 | 39 | 165 | 3.5 | 176 | 45 | 221 | 5.6 |
| Diseases of the Skin and Subcutaneous Tissue | 20 | 9 | 29 | 0.6 | 23 | 14 | 37 | 0.9 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| C A U S E | 35 - 39 Years | | | | 40 - 44 Years | | | |
|--|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 14 | 36 | 50 | 1.1 | 26 | 22 | 48 | 1.2 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 220 | 156 | 376 | 8.0 | 275 | 200 | 475 | 12.0 |
| Infections of Kidney | 17 | 7 | 24 | 0.5 | 17 | 6 | 23 | 0.6 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | 9 | 6 | 15 | 0.3 | 12 | 5 | 17 | 0.4 |
| Hyperplasia of Prostate | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Inflammatory Diseases of Female Pelvic Organs | - | 5 | 5 | 0.1 | - | 4 | 4 | 0.1 |
| Other Diseases of Genito-Urinary System | 21 | 30 | 51 | 1.1 | 30 | 34 | 64 | 1.6 |
| Pregnancy With Abortive Outcome | - | 30 | 30 | 0.6 | - | 17 | 17 | 0.4 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | 76 | 76 | 1.6 | - | 39 | 39 | 1.0 |
| Hemorrhage in Early Pregnancy | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | 61 | 61 | 1.3 | - | 29 | 29 | 0.7 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | 135 | 135 | 2.9 | - | 64 | 64 | 1.6 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Congenital Anomalies | 13 | 20 | 33 | 0.7 | 10 | 21 | 31 | 0.8 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 290 | 144 | 434 | 9.3 | 279 | 100 | 379 | 9.6 |
| Transport Accidents | 347 | 74 | 421 | 9.0 | 318 | 97 | 415 | 10.5 |
| Accidental Falls | 63 | 8 | 71 | 1.5 | 49 | 5 | 54 | 1.4 |
| Accidental Drowning and Submersion | 136 | 18 | 154 | 3.3 | 101 | 15 | 116 | 2.9 |
| Exposure to Smoke, Fire and Flames | 23 | 7 | 30 | 0.6 | 15 | 3 | 18 | 0.5 |
| Exposure to Forces of Nature | 24 | 12 | 36 | 0.8 | 16 | 5 | 21 | 0.5 |
| Accidental Poisoning and Exposure to Noxious Substance | 17 | 4 | 21 | 0.4 | 14 | 1 | 15 | 0.4 |
| Other Accidents and Late Effects of Transport and Other Accidents | 160 | 22 | 182 | 3.9 | 113 | 19 | 132 | 3.3 |
| Intentional Self Harm | 86 | 15 | 101 | 2.2 | 61 | 21 | 82 | 2.1 |
| Assault | 1,553 | 96 | 1,649 | 35.2 | 1,152 | 75 | 1,227 | 31.0 |
| Event of Undetermined Intent | 339 | 66 | 405 | 8.7 | 273 | 59 | 332 | 8.4 |
| Legal Interventions | 16 | - | 16 | 0.3 | 9 | - | 9 | 0.2 |
| Other External Causes, including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 12 | 3 | 15 | 0.3 | 10 | 6 | 16 | 0.4 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 45 - 49 Years | | | | 50 - 54 Years | | | |
|--|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | 1 | 2 | 3 | 0.1 | 1 | - | 1 | 0.0 |
| Salmonella Infections | 29 | 19 | 48 | 1.5 | 25 | 14 | 39 | 1.5 |
| Shigellosis and Amoebiasis | 7 | 4 | 11 | 0.3 | 6 | 3 | 9 | 0.3 |
| Other Intestinal Infections Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Bacterial Foodborne Intoxications | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 47 | 24 | 71 | 2.2 | 50 | 24 | 74 | 2.8 |
| Tuberculosis of the Respiratory System | 1,547 | 540 | 2,087 | 64.3 | 1,834 | 566 | 2,400 | 91.5 |
| Tuberculosis of Nervous System | 19 | 6 | 25 | 0.8 | 18 | 6 | 24 | 0.9 |
| Other Tuberculosis, including Late Effects | 14 | 4 | 18 | 0.6 | 24 | 13 | 37 | 1.4 |
| Leptospirosis | 32 | 3 | 35 | 1.1 | 21 | 4 | 25 | 1.0 |
| Leprosy, Including Late Effects | 1 | 1 | 2 | 0.1 | 4 | 2 | 6 | 0.2 |
| Tetanus | 25 | 4 | 29 | 0.9 | 28 | 5 | 33 | 1.3 |
| Diphtheria | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Whooping Cough | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Meningococcal Infection | 2 | 2 | 4 | 0.1 | 2 | - | 2 | 0.1 |
| Septicemia | 118 | 56 | 174 | 5.4 | 116 | 68 | 184 | 7.0 |
| Syphilis | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Gonococcal Infections | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rickettsioses | - | 1 | 1 | 0.0 | 1 | - | 1 | 0.0 |
| All Other Diseases Caused by Bacteria | 6 | 2 | 8 | 0.2 | 4 | 1 | 5 | 0.2 |
| Acute Poliomyelitis, including Late Effects | 3 | - | 3 | 0.1 | - | - | 0 | 0.0 |
| Rabies | 27 | 10 | 37 | 1.1 | 30 | 13 | 43 | 1.6 |
| Other Arthropod-borne Viral Encephalitis | 3 | 2 | 5 | 0.2 | 2 | 1 | 3 | 0.1 |
| Dengue Fever and Dengue-Hemorrhagic Fever | 2 | 1 | 3 | 0.1 | 1 | 3 | 4 | 0.2 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Chickenpox | 1 | - | 1 | 0.0 | - | - | 0 | 0.0 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Viral Hepatitis | 57 | 19 | 76 | 2.3 | 64 | 20 | 84 | 3.2 |
| Human Immuno Deficiency Virus (HIV) Disease | 3 | - | 3 | 0.1 | 1 | - | 1 | 0.0 |
| Other Viral Diseases | 4 | 1 | 5 | 0.2 | 1 | 1 | 2 | 0.1 |
| Malaria | 16 | 7 | 23 | 0.7 | 19 | 3 | 22 | 0.8 |
| Schistosomiasis | 24 | 1 | 25 | 0.8 | 20 | 7 | 27 | 1.0 |
| Filariasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Helminthiasis | 3 | - | 3 | 0.1 | - | - | 0 | 0.0 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 45 - 49 Years | | | | 50 - 54 Years | | | |
|--|---------------|--------|------------|------|---------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 1 | 1 | 2 | 0.1 | 1 | 1 | 2 | 0.1 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 91 | 37 | 128 | 3.9 | 127 | 47 | 174 | 6.6 |
| Malignant Neoplasm of Esophagus | 15 | 2 | 17 | 0.5 | 23 | 6 | 29 | 1.1 |
| Malignant Neoplasm of Stomach | 63 | 43 | 106 | 3.3 | 96 | 52 | 148 | 5.6 |
| Malignant Neoplasm of Small Intestine | 5 | 2 | 7 | 0.2 | 2 | 3 | 5 | 0.2 |
| Malignant Neoplasm of Colon | 59 | 34 | 93 | 2.9 | 56 | 60 | 116 | 4.4 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | 20 | 15 | 35 | 1.1 | 31 | 19 | 50 | 1.9 |
| Malignant Neoplasms of other and Unspecified Site | 609 | 299 | 908 | 28.0 | 692 | 340 | 1,032 | 39.4 |
| Malignant Neoplasm of Larynx | 16 | 2 | 18 | 0.6 | 23 | 6 | 29 | 1.1 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 293 | 98 | 391 | 12.1 | 502 | 130 | 632 | 24.1 |
| Malignant Neoplasm of Bone and Articular Cartilage | 71 | 51 | 122 | 3.8 | 89 | 49 | 138 | 5.3 |
| Melanoma and Other Malignant Neoplasm of Skin | 9 | 5 | 14 | 0.4 | 13 | 8 | 21 | 0.8 |
| Malignant Neoplasm of Breast | 13 | 481 | 494 | 15.2 | 11 | 486 | 497 | 19.0 |
| Malignant Neoplasm of Other Female Genital Organs | - | 103 | 103 | 3.2 | - | 107 | 107 | 4.1 |
| Malignant Neoplasm of Cervix Uteri | - | 145 | 145 | 4.5 | - | 118 | 118 | 4.5 |
| Malignant Neoplasm of Uterus | - | 166 | 166 | 5.1 | - | 144 | 144 | 5.5 |
| Malignant Neoplasm of Placenta | - | 2 | 2 | 0.1 | - | 1 | 1 | 0.0 |
| Malignant Neoplasm of Prostate | 11 | - | 11 | 0.3 | 26 | - | 26 | 1.0 |
| Malignant Neoplasm of Lymphatic Tissue | 32 | 28 | 60 | 1.8 | 41 | 33 | 74 | 2.8 |
| Leukemia | 52 | 56 | 108 | 3.3 | 42 | 47 | 89 | 3.4 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 11 | 16 | 27 | 0.8 | 11 | 19 | 30 | 1.1 |
| Anemias | 38 | 41 | 79 | 2.4 | 48 | 42 | 90 | 3.4 |
| Other Diseases of Blood Forming Organs and Certain Disorders involving the Immune System | 10 | 15 | 25 | 0.8 | 8 | 15 | 23 | 0.9 |
| Diabetes Mellitus | 372 | 196 | 568 | 17.5 | 485 | 334 | 819 | 31.2 |
| Kwashiorkor | - | - | 0 | 0.0 | 1 | 1 | 2 | 0.1 |
| Nutritional Marasmus | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Protein-Calorie Malnutrition | 17 | 15 | 32 | 1.0 | 13 | 8 | 21 | 0.8 |
| Other Nutritional Deficiencies | 4 | 3 | 7 | 0.2 | 6 | 4 | 10 | 0.4 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 45 | 49 | 94 | 2.9 | 31 | 51 | 82 | 3.1 |
| Psychoses | 89 | 13 | 102 | 3.1 | 82 | 10 | 92 | 3.5 |
| Mental Retardation | - | - | 0 | 0.0 | 1 | - | 1 | 0.0 |
| Other Mental Disorders | 6 | 5 | 11 | 0.3 | 3 | 7 | 10 | 0.4 |
| Meningitis | 18 | 6 | 24 | 0.7 | 10 | 2 | 12 | 0.5 |
| Parkinson's Disease | 2 | 1 | 3 | 0.1 | 3 | 6 | 9 | 0.3 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 45 - 49 Years | | | | 50 - 54 Years | | | |
|---|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Epilepsy | 16 | 9 | 25 | 0.8 | 15 | 10 | 25 | 1.0 |
| Other Diseases of Nervous System | 92 | 42 | 134 | 4.1 | 79 | 24 | 103 | 3.9 |
| Disease of the Eye and Adnexa | 2 | - | 2 | 0.1 | - | - | 0 | 0.0 |
| Disease of the Ear and Mastoid Process | 1 | - | 1 | 0.0 | 2 | - | 2 | 0.1 |
| Acute Rheumatic Fever | 2 | 1 | 3 | 0.1 | - | 1 | 1 | 0.0 |
| Chronic Rheumatic Heart Disease | 36 | 83 | 119 | 3.7 | 25 | 50 | 75 | 2.9 |
| Hypertension Without Heart Involvement | 873 | 393 | 1,266 | 39.0 | 1,068 | 553 | 1,621 | 61.8 |
| Hypertension With Heart Involvement | 173 | 106 | 279 | 8.6 | 315 | 156 | 471 | 18.0 |
| Angina Pectoris | 2 | - | 2 | 0.1 | 3 | 3 | 6 | 0.2 |
| Other Forms of Ischaemic Heart Disease | 237 | 79 | 316 | 9.7 | 314 | 116 | 430 | 16.4 |
| Acute Myocardial Infraction | 1,225 | 346 | 1,571 | 48.4 | 1,442 | 464 | 1,906 | 72.7 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 342 | 196 | 538 | 16.6 | 393 | 204 | 597 | 22.8 |
| Complications and Ill-Defined Description of Heart Disease | 111 | 58 | 169 | 5.2 | 147 | 75 | 222 | 8.5 |
| Cerebrovascular Disease | 774 | 355 | 1,129 | 34.8 | 979 | 533 | 1,512 | 57.7 |
| Atherosclerosis | 5 | 1 | 6 | 0.2 | 11 | 3 | 14 | 0.5 |
| Aortic Aneurysm and Dissection | 7 | 4 | 11 | 0.3 | 8 | 2 | 10 | 0.4 |
| Other Diseases of Arteries, Arterioles and Capillaries | 9 | 7 | 16 | 0.5 | 14 | 3 | 17 | 0.6 |
| Venous Thrombosis and Embolism | 1 | 2 | 3 | 0.1 | 2 | 2 | 4 | 0.2 |
| Other and Unspecified Disorders of Circulatory System | 10 | 3 | 13 | 0.4 | 8 | 2 | 10 | 0.4 |
| Acute Upper Respiratory Infections | 1 | 1 | 2 | 0.1 | 3 | - | 3 | 0.1 |
| Influenza | 10 | 4 | 14 | 0.4 | 7 | 2 | 9 | 0.3 |
| Pneumonia | 376 | 181 | 557 | 17.2 | 471 | 241 | 712 | 27.2 |
| Acute Bronchitis and Bronchiolitis | 2 | - | 2 | 0.1 | 2 | 1 | 3 | 0.1 |
| Chronic Lower Respiratory Disease | 334 | 216 | 550 | 17.0 | 495 | 229 | 724 | 27.6 |
| Pneumoconoses and Chemical Effects | - | - | 0 | 0.0 | - | 1 | 1 | 0.0 |
| Pneumonitis due to Solids and Liquids | 23 | 12 | 35 | 1.1 | 24 | 16 | 40 | 1.5 |
| Other Diseases of Respiratory System | 45 | 19 | 64 | 2.0 | 49 | 24 | 73 | 2.8 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 4 | 1 | 5 | 0.2 | 3 | 5 | 8 | 0.3 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 252 | 61 | 313 | 9.7 | 310 | 73 | 383 | 14.6 |
| Diseases of the Appendix | 12 | 7 | 19 | 0.6 | 4 | 8 | 12 | 0.5 |
| Hernia | 9 | 2 | 11 | 0.3 | 6 | 1 | 7 | 0.3 |
| Chronic Liver Disease and Cirrhosis | 503 | 62 | 565 | 17.4 | 505 | 70 | 575 | 21.9 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 26 | 15 | 41 | 1.3 | 18 | 15 | 33 | 1.3 |
| Acute Pancreatitis | 129 | 13 | 142 | 4.4 | 93 | 8 | 101 | 3.9 |
| Other Diseases of the Digestive System | 178 | 58 | 236 | 7.3 | 201 | 69 | 270 | 10.3 |
| Diseases of the Skin and Subcutaneous Tissue | 16 | 7 | 23 | 0.7 | 24 | 16 | 40 | 1.5 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 45 - 49 Years | | | | 50 - 54 Years | | | |
|--|---------------|--------|------------|------|---------------|--------|------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 18 | 24 | 42 | 1.3 | 34 | 15 | 49 | 1.9 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 310 | 200 | 510 | 15.7 | 318 | 202 | 520 | 19.8 |
| Infections of Kidney | 15 | 20 | 35 | 1.1 | 22 | 22 | 44 | 1.7 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | 18 | 4 | 22 | 0.7 | 10 | 12 | 22 | 0.8 |
| Hyperplasia of Prostate | - | - | 0 | 0.0 | 3 | - | 3 | 0.1 |
| Inflammatory Diseases of Female Pelvic Organs | - | 3 | 3 | 0.1 | - | 2 | 2 | 0.1 |
| Other Diseases of Genito-Urinary System | 36 | 18 | 54 | 1.7 | 48 | 29 | 77 | 2.9 |
| Pregnancy With Abortive Outcome | - | 5 | 5 | 0.2 | - | - | 0 | 0.0 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | 8 | 8 | 0.2 | - | - | 0 | 0.0 |
| Hemorrhage in Early Pregnancy | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | 5 | 5 | 0.2 | - | - | 0 | 0.0 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | 12 | 12 | 0.4 | - | 6 | 6 | 0.2 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Congenital Anomalies | 13 | 11 | 24 | 0.7 | 5 | 9 | 14 | 0.5 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 280 | 125 | 405 | 12.5 | 283 | 135 | 418 | 15.9 |
| Transport Accidents | 247 | 75 | 322 | 9.9 | 190 | 74 | 264 | 10.1 |
| Accidental Falls | 55 | 10 | 65 | 2.0 | 51 | 9 | 60 | 2.3 |
| Accidental Drowning and Submersion | 100 | 20 | 120 | 3.7 | 75 | 14 | 89 | 3.4 |
| Exposure to Smoke, Fire and Flames | 10 | 3 | 13 | 0.4 | 6 | 8 | 14 | 0.5 |
| Exposure to Forces of Nature | 27 | 10 | 37 | 1.1 | 18 | 2 | 20 | 0.8 |
| Accidental Poisoning and Exposure to Noxious Substance | 7 | 1 | 8 | 0.2 | 10 | 1 | 11 | 0.4 |
| Other Accidents and Late Effects of Transport and Other Accidents | 94 | 10 | 104 | 3.2 | 67 | 18 | 85 | 3.2 |
| Intentional Self Harm | 60 | 13 | 73 | 2.3 | 32 | 14 | 46 | 1.8 |
| Assault | 921 | 73 | 994 | 30.6 | 551 | 30 | 581 | 22.2 |
| Event of Undetermined Intent | 253 | 50 | 303 | 9.3 | 196 | 68 | 264 | 10.1 |
| Legal Interventions | 2 | - | 2 | 0.1 | 2 | - | 2 | 0.1 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 7 | 4 | 11 | 0.3 | 3 | 4 | 7 | 0.3 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 55 - 59 Years | | | | 60 - 64 Years | | | |
|--|---------------|--------|---------------|-------|---------------|--------|---------------|-------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | - | 2 | 2 | 0.1 | 1 | - | 1 | 0.1 |
| Salmonella Infections | 23 | 14 | 37 | 1.8 | 27 | 20 | 47 | 3.0 |
| Shigellosis and Amoebiasis | 8 | 1 | 9 | 0.4 | 6 | 5 | 11 | 0.7 |
| Other Intestinal Infections Disease | 2 | - | 2 | 0.1 | 2 | - | 2 | 0.1 |
| Other Bacterial Foodborne Intoxications | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 53 | 23 | 76 | 3.7 | 61 | 48 | 109 | 6.9 |
| Tuberculosis of the Respiratory System | 2,100 | 706 | 2,806 | 138.0 | 2,424 | 913 | 3,337 | 212.8 |
| Tuberculosis of Nervous System | 10 | 2 | 12 | 0.6 | 8 | 5 | 13 | 0.8 |
| Other Tuberculosis, including Late Effects | 15 | 14 | 29 | 1.4 | 13 | 13 | 26 | 1.7 |
| Leptospirosis | 13 | 2 | 15 | 0.7 | 10 | 3 | 13 | 0.8 |
| Leprosy, Including Late Effects | 2 | 1 | 3 | 0.1 | 1 | 2 | 3 | 0.2 |
| Tetanus | 31 | 6 | 37 | 1.8 | 24 | 10 | 34 | 2.2 |
| Diphtheria | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Whooping Cough | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Meningococcal Infection | 2 | - | 2 | 0.1 | 1 | 2 | 3 | 0.2 |
| Septicemia | 111 | 68 | 179 | 8.8 | 119 | 80 | 199 | 12.7 |
| Syphilis | - | 1 | 1 | 0.0 | - | 1 | 1 | 0.1 |
| Gonococcal Infections | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rickettsioses | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| All Other Diseases Caused by Bacteria | 3 | 5 | 8 | 0.4 | 8 | 5 | 13 | 0.8 |
| Acute Poliomyelitis, including Late Effects | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rabies | 16 | 12 | 28 | 1.4 | 15 | 13 | 28 | 1.8 |
| Other Arthropod-borne Viral Encephalitis | - | 1 | 1 | 0.0 | - | 1 | 1 | 0.1 |
| Dengue Fever and Dengue-Hemorrhagic Fever | 2 | 3 | 5 | 0.2 | 3 | - | 3 | 0.2 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Chickenpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | 1 | - | 1 | 0.0 | 2 | - | 2 | 0.1 |
| Viral Hepatitis | 45 | 23 | 68 | 3.3 | 39 | 17 | 56 | 3.6 |
| Human Immuno Deficiency Virus (HIV) Disease | 1 | 1 | 2 | 0.1 | - | - | 0 | 0.0 |
| Other Viral Diseases | 3 | 2 | 5 | 0.2 | 3 | - | 3 | 0.2 |
| Malaria | 14 | 5 | 19 | 0.9 | 16 | 8 | 24 | 1.5 |
| Schistosomiasis | 19 | 5 | 24 | 1.2 | 12 | 10 | 22 | 1.4 |
| Filariasis | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Helminthiasis | 1 | 1 | 2 | 0.1 | 2 | 1 | 3 | 0.2 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 55 - 59 Years | | | | 60 - 64 Years | | | |
|--|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 1 | - | 1 | 0.0 | 5 | 1 | 6 | 0.4 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 151 | 65 | 216 | 10.6 | 164 | 69 | 233 | 14.3 |
| Malignant Neoplasm of Esophagus | 31 | 6 | 37 | 1.8 | 43 | 10 | 53 | 3.1 |
| Malignant Neoplasm of Stomach | 98 | 47 | 145 | 7.1 | 126 | 81 | 207 | 13.3 |
| Malignant Neoplasm of Small Intestine | 5 | 3 | 8 | 0.4 | 8 | 6 | 14 | 0.8 |
| Malignant Neoplasm of Colon | 103 | 74 | 177 | 8.7 | 95 | 95 | 190 | 12.1 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | 27 | 18 | 45 | 2.2 | 37 | 26 | 63 | 4.0 |
| Malignant Neoplasms of other and Unspecified Site | 821 | 407 | 1,228 | 60.4 | 848 | 468 | 1,316 | 83.3 |
| Malignant Neoplasm of Larynx | 23 | 9 | 32 | 1.6 | 47 | 9 | 56 | 3.6 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 679 | 193 | 872 | 42.9 | 756 | 221 | 977 | 62.3 |
| Malignant Neoplasm of Bone and Articular Cartilage | 92 | 40 | 132 | 6.5 | 108 | 50 | 158 | 10.0 |
| Melanoma and Other Malignant Neoplasm of Skin | 9 | 7 | 16 | 0.8 | 17 | 7 | 24 | 1.5 |
| Malignant Neoplasm of Breast | 7 | 372 | 379 | 18.6 | 9 | 321 | 330 | 21.0 |
| Malignant Neoplasm of Other Female Genital Organs | - | 74 | 74 | 3.6 | - | 83 | 83 | 5.3 |
| Malignant Neoplasm of Cervix Uteri | - | 93 | 93 | 4.6 | - | 83 | 83 | 5.3 |
| Malignant Neoplasm of Uterus | - | 123 | 123 | 6.0 | - | 132 | 132 | 8.4 |
| Malignant Neoplasm of Placenta | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Prostate | 48 | 48 | 96 | 4.7 | 80 | - | 80 | 5.1 |
| Malignant Neoplasm of Lymphatic Tissue | 51 | 27 | 78 | 3.8 | 63 | 28 | 91 | 5.8 |
| Leukemia | 53 | 47 | 100 | 4.9 | 48 | 61 | 109 | 6.9 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 16 | 21 | 37 | 1.8 | 16 | 22 | 38 | 2.4 |
| Anemias | 42 | 37 | 79 | 3.9 | 70 | 61 | 131 | 8.4 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | 6 | 9 | 15 | 0.7 | 10 | 10 | 20 | 1.3 |
| Diabetes Mellitus | 579 | 507 | 1,086 | 53.4 | 711 | 712 | 1,423 | 90.7 |
| Kwashiorkor | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Nutritional Marasmus | 2 | - | 2 | 0.1 | - | 1 | 1 | 0.1 |
| Other Protein-Calorie Malnutrition | 16 | 11 | 27 | 1.3 | 27 | 10 | 37 | 2.4 |
| Other Nutritional Deficiencies | 11 | 5 | 16 | 0.8 | 16 | 8 | 24 | 1.5 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 45 | 47 | 92 | 4.5 | 39 | 52 | 91 | 5.8 |
| Psychoses | 71 | 16 | 87 | 4.3 | 53 | 10 | 63 | 4.0 |
| Mental Retardation | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Mental Disorders | 3 | 4 | 7 | 0.3 | 2 | 4 | 6 | 0.4 |
| Meningitis | 10 | 4 | 14 | 0.7 | 4 | 5 | 9 | 0.6 |
| Parkinson's Disease | 6 | 4 | 10 | 0.5 | 17 | 11 | 28 | 1.8 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 55 - 59 Years | | | | 60 - 64 Years | | | |
|---|---------------|--------|---------------|-------|---------------|--------|---------------|-------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | 1 | 1 | 2 | 0.1 | - | 3 | 3 | 0.2 |
| Epilepsy | 9 | 7 | 16 | 0.8 | 6 | 7 | 13 | 0.8 |
| Other Diseases of Nervous System | 75 | 31 | 106 | 5.2 | 73 | 40 | 113 | 7.2 |
| Disease of the Eye and Adnexa | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Disease of the Ear and Mastoid Process | - | 1 | 1 | 0.0 | - | - | 0 | 0.0 |
| Acute Rheumatic Fever | 1 | - | 1 | 0.0 | 1 | - | 1 | 0.1 |
| Chronic Rheumatic Heart Disease | 27 | 31 | 58 | 2.9 | 23 | 32 | 55 | 3.5 |
| Hypertension Without Heart Involvement | 1,337 | 700 | 2,037 | 100.1 | 1,576 | 889 | 2,465 | 157.2 |
| Hypertension With Heart Involvement | 349 | 204 | 553 | 27.2 | 495 | 269 | 764 | 48.7 |
| Angina Pectoris | 3 | 2 | 5 | 0.2 | 1 | 5 | 6 | 0.4 |
| Other Forms of Ischaemic Heart Disease | 391 | 152 | 543 | 26.7 | 474 | 283 | 757 | 48.3 |
| Acute Myocardial Infections | 1,416 | 531 | 1,947 | 95.7 | 1,649 | 725 | 2,374 | 151.4 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 452 | 289 | 741 | 36.4 | 605 | 408 | 1,013 | 64.6 |
| Complications and Ill-Defined Descriptions of Heart Disease | 185 | 99 | 284 | 14.0 | 222 | 151 | 373 | 23.8 |
| Cerebrovascular Disease | 1,088 | 588 | 1,676 | 82.4 | 1,319 | 853 | 2,172 | 138.5 |
| Atherosclerosis | 13 | 8 | 21 | 1.0 | 20 | 15 | 35 | 2.2 |
| Aortic Aneurysm and Dissection | 12 | 4 | 16 | 0.8 | 15 | 6 | 21 | 1.3 |
| Other Diseases of Arteries, Arterioles and Capillaries | 15 | 4 | 19 | 0.9 | 10 | 7 | 17 | 1.1 |
| Venous Thrombosis and Embolism | 8 | 2 | 10 | 0.5 | 4 | 6 | 10 | 0.6 |
| Other and Unspecified Disorders of Circulatory System | 14 | 3 | 17 | 0.8 | 18 | 7 | 25 | 1.6 |
| Acute Upper Respiratory Infections | - | 2 | 2 | 0.1 | - | - | 0 | 0.0 |
| Influenza | 9 | 5 | 14 | 0.7 | 9 | 3 | 12 | 0.8 |
| Pneumonia | 537 | 256 | 793 | 39.0 | 874 | 482 | 1,356 | 86.5 |
| Acute Bronchitis and Bronchiolitis | 5 | - | 5 | 0.2 | 5 | 3 | 8 | 0.5 |
| Chronic Lower Respiratory Disease | 825 | 295 | 1,120 | 55.1 | 1,216 | 429 | 1,645 | 104.9 |
| Pneumoconoses and Chemical Effects | - | 1 | 1 | 0.0 | 2 | - | 2 | 0.1 |
| Pneumonitis due to Solids and Liquids | 34 | 14 | 48 | 2.4 | 34 | 10 | 44 | 2.8 |
| Other Diseases of Respiratory System | 70 | 28 | 98 | 4.8 | 83 | 44 | 127 | 8.1 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 5 | 2 | 7 | 0.3 | 2 | 2 | 4 | 0.3 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 402 | 114 | 516 | 25.4 | 449 | 147 | 596 | 38.0 |
| Diseases of the Appendix | 4 | 6 | 10 | 0.5 | 12 | 2 | 14 | 0.9 |
| Hernia | 4 | 3 | 7 | 0.3 | 13 | 2 | 15 | 1.0 |
| Chronic Liver Disease and Cirrhosis | 459 | 95 | 554 | 27.2 | 419 | 94 | 513 | 32.7 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 21 | 11 | 32 | 1.6 | 21 | 22 | 43 | 2.7 |
| Acute Pancreatitis | 72 | 7 | 79 | 3.9 | 53 | 7 | 60 | 3.8 |
| Other Diseases of the Digestive System | 192 | 66 | 258 | 12.7 | 200 | 88 | 288 | 18.4 |
| Diseases of the Skin and Subcutaneous Tissue | 24 | 11 | 35 | 1.7 | 30 | 27 | 57 | 3.6 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 55 - 59 Years | | | | 60 - 64 Years | | | |
|--|---------------|--------|---------------|------|---------------|--------|---------------|------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 37 | 14 | 51 | 2.5 | 64 | 25 | 89 | 5.7 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 345 | 180 | 525 | 25.8 | 414 | 229 | 643 | 41.0 |
| Infections of Kidney | 30 | 25 | 55 | 2.7 | 30 | 20 | 50 | 3.1 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | 23 | 8 | 31 | 1.5 | 19 | 10 | 29 | 1.8 |
| Hyperplasia of Prostate | 4 | - | 4 | 0.2 | 24 | - | 24 | 1.5 |
| Inflammatory Diseases of Female Pelvic Organs | - | 1 | 1 | 0.0 | - | 2 | 2 | 0.1 |
| Other Diseases of Genito-Urinary System | 53 | 31 | 84 | 4.1 | 62 | 47 | 109 | 6.8 |
| Pregnancy With Abortive Outcome | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hemorrhage in Early Pregnancy | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Congenital Anomalies | 7 | 3 | 10 | 0.5 | 9 | 4 | 13 | 0.8 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 266 | 132 | 398 | 19.6 | 386 | 201 | 587 | 37.4 |
| Transport Accidents | 171 | 66 | 237 | 11.7 | 138 | 73 | 211 | 13.3 |
| Accidental Falls | 63 | 9 | 72 | 3.5 | 59 | 20 | 79 | 5.0 |
| Accidental Drowning and Submersion | 73 | 13 | 86 | 4.2 | 58 | 12 | 70 | 4.5 |
| Exposure to Smoke, Fire and Flames | 12 | 4 | 16 | 0.8 | 9 | 8 | 17 | 1.1 |
| Exposure to Forces of Nature | 11 | 2 | 13 | 0.6 | 5 | - | 5 | 0.3 |
| Accidental Poisoning and Exposure to Noxious Substance | 6 | 1 | 7 | 0.3 | 6 | 5 | 11 | 0.7 |
| Other Accidents and Late Effects of Transport and Other Accidents | 57 | 13 | 70 | 3.4 | 42 | 19 | 61 | 3.9 |
| Intentional Self Harm | 31 | 8 | 39 | 1.9 | 21 | 5 | 26 | 1.7 |
| Assault | 320 | 41 | 361 | 17.7 | 249 | 42 | 291 | 18.5 |
| Event of Undetermined Intent | 158 | 55 | 213 | 10.5 | 138 | 63 | 201 | 12.8 |
| Legal Interventions | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 10 | 2 | 12 | 0.6 | 5 | 4 | 9 | 0.6 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 65 - 69 Years | | | | 70 Years & Over | | | |
|--|---------------|--------|---------------|-------|-----------------|--------|---------------|-------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Cholera | 5 | - | 5 | 0.4 | 8 | 3 | 11 | 0.6 |
| Salmonella Infections | 27 | 15 | 42 | 3.6 | 35 | 30 | 65 | 3.7 |
| Shigellosis and Amoebiasis | 8 | - | 8 | 0.7 | 27 | 36 | 63 | 3.6 |
| Other Intestinal Infections Disease | - | 1 | 1 | 0.1 | 5 | - | 5 | 0.3 |
| Other Bacterial Foodborne Intoxications | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 60 | 49 | 109 | 9.4 | 236 | 251 | 487 | 28.0 |
| Tuberculosis of the Respiratory System | 2,225 | 976 | 3,201 | 275.5 | 4,990 | 3,132 | 8,122 | 466.7 |
| Tuberculosis of Nervous System | 7 | 3 | 10 | 0.9 | 7 | 10 | 17 | 1.0 |
| Other Tuberculosis, including Late Effects | 15 | 8 | 23 | 2.0 | 29 | 27 | 56 | 3.2 |
| Leptospirosis | 9 | 3 | 12 | 1.0 | 4 | 2 | 6 | 0.3 |
| Leprosy, including Late Effects | 7 | - | 7 | 0.6 | 3 | 5 | 8 | 0.5 |
| Tetanus | 20 | 13 | 33 | 2.8 | 48 | 38 | 86 | 4.9 |
| Diphtheria | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Whooping Cough | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Scarlet Fever and Erysipelas | - | - | 0 | 0.0 | 1 | 2 | 3 | 0.2 |
| Meningococcal Infection | 1 | - | 1 | 0.1 | 2 | 2 | 4 | 0.2 |
| Septicemia | 130 | 120 | 250 | 21.5 | 732 | 810 | 1,542 | 88.6 |
| Syphilis | 1 | - | 1 | 0.1 | 1 | 2 | 3 | 0.2 |
| Gonococcal Infections | - | - | 0 | 0.0 | 1 | 1 | 2 | 0.1 |
| Rickettsioses | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| All Other Diseases Caused by Bacteria | 9 | 3 | 12 | 1.0 | 22 | 16 | 38 | 2.2 |
| Acute Poliomyelitis, including Late Effects | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Rabies | 13 | 7 | 20 | 1.7 | 13 | 16 | 29 | 1.7 |
| Other Arthropod-borne Viral Encephalitis | - | 1 | 1 | 0.1 | 3 | - | 3 | 0.2 |
| Dengue Fever and Dengue-Hemorrhagic Fever | - | 2 | 2 | 0.2 | 5 | 1 | 6 | 0.3 |
| Yellow Fever | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 | 0.0 | 1 | - | 1 | 0.1 |
| Chickenpox | 1 | - | 1 | 0.1 | 3 | - | 3 | 0.2 |
| Smallpox | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Measles | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Viral Hepatitis | 34 | 16 | 50 | 4.3 | 57 | 35 | 92 | 5.3 |
| Human Immuno Deficiency Virus (HIV) Disease | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Viral Diseases | 1 | 2 | 3 | 0.3 | 12 | 12 | 24 | 1.4 |
| Malaria | 8 | 7 | 15 | 1.3 | 21 | 10 | 31 | 1.8 |
| Schistosomiasis | 7 | 10 | 17 | 1.5 | 23 | 12 | 35 | 2.0 |
| Filariasis | - | 1 | 1 | 0.1 | - | - | 0 | 0.0 |
| Other Helminthiasis | 5 | 1 | 6 | 0.5 | 6 | 3 | 9 | 0.5 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 65 - 69 Years | | | | 70 Years & Over | | | |
|---|---------------|--------|---------------|-------|-----------------|--------|---------------|-------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Other Infectious and Parasitic Diseases, including Late Effects | 1 | - | 1 | 0.1 | 6 | 11 | 17 | 1.0 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 136 | 97 | 233 | 20.1 | 273 | 321 | 594 | 34.1 |
| Malignant Neoplasm of Esophagus | 47 | 16 | 63 | 5.4 | 69 | 45 | 114 | 6.3 |
| Malignant Neoplasm of Stomach | 123 | 88 | 211 | 18.2 | 272 | 200 | 472 | 27.1 |
| Malignant Neoplasm of Small Intestine | 10 | 3 | 13 | 1.1 | 21 | 7 | 28 | 1.3 |
| Malignant Neoplasm of Colon | 125 | 82 | 207 | 17.8 | 288 | 274 | 562 | 32.3 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | 43 | 21 | 64 | 5.5 | 76 | 67 | 143 | 8.2 |
| Malignant Neoplasms of other and Unspecified Site | 750 | 503 | 1,253 | 107.8 | 1,252 | 1,114 | 2,366 | 135.3 |
| Malignant Neoplasm of Larynx | 37 | 16 | 53 | 4.6 | 67 | 26 | 93 | 5.3 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 697 | 219 | 916 | 78.8 | 1,060 | 460 | 1,520 | 87.3 |
| Malignant Neoplasm of Bone and Articular Cartilage | 108 | 56 | 164 | 14.1 | 148 | 129 | 277 | 15.3 |
| Melanoma and Other Malignant Neoplasm of Skin | 12 | 11 | 23 | 2.0 | 49 | 53 | 102 | 5.3 |
| Malignant Neoplasm of Breast | 3 | 232 | 235 | 20.2 | 11 | 353 | 364 | 20.3 |
| Malignant Neoplasm of Other Female Genital Organs | - | 70 | 70 | 6.0 | - | 147 | 147 | 8.4 |
| Malignant Neoplasm of Cervix Uteri | - | 71 | 71 | 6.1 | - | 107 | 107 | 6.1 |
| Malignant Neoplasm of Uterus | - | 91 | 91 | 7.8 | - | 210 | 210 | 12.1 |
| Malignant Neoplasm of Placenta | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Malignant Neoplasm of Prostate | 122 | - | 122 | 10.5 | 674 | - | 674 | 38.7 |
| Malignant Neoplasm of Lymphatic Tissue | 53 | 49 | 102 | 8.8 | 88 | 77 | 165 | 9.3 |
| Leukemia | 65 | 63 | 128 | 11.0 | 103 | 114 | 217 | 12.3 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | 17 | 16 | 33 | 2.8 | 50 | 38 | 88 | 5.1 |
| Anemias | 82 | 72 | 154 | 13.3 | 342 | 346 | 688 | 39.3 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | 11 | 3 | 14 | 1.2 | 25 | 34 | 59 | 3.4 |
| Diabetes Mellitus | 660 | 818 | 1,478 | 127.2 | 1,439 | 2,175 | 3,614 | 207.7 |
| Kwashiorkor | - | - | 0 | 0.0 | 10 | 8 | 18 | 1.0 |
| Nutritional Marasmus | 2 | 2 | 4 | 0.3 | 8 | 22 | 30 | 1.7 |
| Other Protein-Calorie Malnutrition | 30 | 27 | 57 | 4.9 | 309 | 468 | 777 | 44.6 |
| Other Nutritional Deficiencies | 17 | 9 | 26 | 2.2 | 227 | 299 | 526 | 30.2 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | 33 | 46 | 79 | 6.8 | 359 | 503 | 862 | 49.3 |
| Psychoses | 37 | 4 | 41 | 3.5 | 63 | 55 | 118 | 6.3 |
| Mental Retardation | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Other Mental Disorders | 5 | 5 | 10 | 0.9 | 16 | 19 | 35 | 2.0 |
| Meningitis | 11 | 2 | 13 | 1.1 | 11 | 11 | 22 | 1.3 |
| Parkinson's Disease | 18 | 14 | 32 | 2.8 | 49 | 54 | 103 | 5.9 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 65 - 69 Years | | | | 70 Years & Over | | | |
|---|---------------|--------|---------------|-------|-----------------|--------|---------------|--------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Alzheimer's Disease | 3 | 4 | 7 | 0.6 | 20 | 36 | 56 | 3.2 |
| Epilepsy | 4 | 2 | 6 | 0.5 | 13 | 5 | 18 | 1.0 |
| Other Diseases of Nervous System | 62 | 45 | 107 | 9.2 | 114 | 163 | 277 | 15.9 |
| Disease of the Eye and Adnexa | 2 | - | 2 | 0.2 | 5 | 7 | 12 | 0.7 |
| Disease of the Ear and Mastoid Process | 2 | 1 | 3 | 0.3 | 2 | 3 | 5 | 0.3 |
| Acute Rheumatic Fever | 2 | - | 2 | 0.2 | 17 | 20 | 37 | 2.1 |
| Chronic Rheumatic Heart Disease | 21 | 27 | 48 | 4.1 | 38 | 55 | 93 | 5.3 |
| Hypertension Without Heart Involvement | 1,652 | 1,148 | 2,800 | 241.0 | 4,311 | 4,540 | 8,851 | 508.6 |
| Hypertension With Heart Involvement | 456 | 401 | 857 | 73.8 | 1,397 | 1,554 | 2,951 | 169.6 |
| Angina Pectoris | 3 | 1 | 4 | 0.3 | 10 | 19 | 29 | 1.7 |
| Other Forms of Ischaemic Heart Disease | 517 | 348 | 865 | 74.4 | 3,068 | 3,900 | 6,968 | 400.4 |
| Acute Myocardial Infraction | 1,529 | 909 | 2,438 | 209.8 | 3,788 | 3,674 | 7,462 | 428.8 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 650 | 513 | 1,163 | 100.1 | 3,066 | 3,273 | 6,339 | 364.2 |
| Complications and Ill-Defined Description of Heart Disease | 269 | 174 | 443 | 38.1 | 1,253 | 1,470 | 2,723 | 156.5 |
| Cerebrovascular Disease | 1,423 | 1,006 | 2,429 | 209.0 | 4,111 | 4,747 | 8,858 | 509.0 |
| Atherosclerosis | 44 | 30 | 74 | 6.4 | 762 | 976 | 1,738 | 99.9 |
| Aortic Aneurysm and Dissection | 32 | 9 | 41 | 3.5 | 92 | 58 | 150 | 8.6 |
| Other Diseases of Arteries, Arterioles and Capillaries | 12 | 5 | 17 | 1.5 | 42 | 40 | 82 | 4.7 |
| Venous Thrombosis and Embolism | 4 | 5 | 9 | 0.8 | 22 | 22 | 44 | 2.5 |
| Other and Unspecified Disorders of Circulatory System | 7 | 6 | 13 | 1.1 | 25 | 25 | 50 | 2.9 |
| Acute Upper Respiratory Infections | 4 | - | 4 | 0.3 | 7 | 19 | 26 | 1.5 |
| Influenza | 18 | 13 | 31 | 2.7 | 61 | 70 | 131 | 7.5 |
| Pneumonia | 953 | 720 | 1,673 | 144.0 | 7,976 | 10,210 | 18,186 | 1045.0 |
| Acute Bronchitis and Bronchiolitis | 3 | 1 | 4 | 0.3 | 15 | 20 | 35 | 2.0 |
| Chronic Lower Respiratory Disease | 1,525 | 486 | 2,011 | 173.1 | 4,623 | 2,517 | 7,140 | 410.3 |
| Pneumoconoses and Chemical Effects | 2 | 1 | 3 | 0.3 | 1 | 2 | 3 | 0.2 |
| Pneumonitis due to Solids and Liquids | 33 | 16 | 49 | 4.2 | 180 | 193 | 373 | 21.4 |
| Other Diseases of Respiratory System | 70 | 37 | 107 | 9.2 | 230 | 229 | 459 | 26.4 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | 3 | 2 | 5 | 0.4 | 10 | 8 | 18 | 1.0 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 505 | 170 | 675 | 58.1 | 1,361 | 790 | 2,151 | 123.6 |
| Diseases of the Appendix | 9 | 7 | 16 | 1.4 | 16 | 8 | 24 | 1.4 |
| Hernia | 11 | 1 | 12 | 1.0 | 67 | 7 | 74 | 4.3 |
| Chronic Liver Disease and Cirrhosis | 299 | 93 | 392 | 33.7 | 432 | 247 | 679 | 39.0 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 26 | 23 | 49 | 4.2 | 44 | 70 | 114 | 6.6 |
| Acute Pancreatitis | 39 | 17 | 56 | 4.8 | 60 | 36 | 96 | 5.5 |
| Other Diseases of the Digestive System | 210 | 97 | 307 | 26.4 | 509 | 459 | 968 | 55.6 |
| Diseases of the Skin and Subcutaneous Tissue | 43 | 34 | 77 | 6.6 | 236 | 358 | 594 | 34.1 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate/100,000 Population
Philippines, 1999

| CAUSE | 65 - 69 Years | | | | 70 Years & Over | | | |
|--|---------------|--------|---------------|------|-----------------|--------|---------------|-------|
| | Male | Female | Both Sexes | Rate | Male | Female | Both Sexes | Rate |
| Diseases of Musculoskeletal System and Connective Tissue | 62 | 34 | 96 | 8.3 | 408 | 374 | 782 | 44.3 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 375 | 278 | 653 | 56.2 | 1,034 | 1,040 | 2,074 | 119.3 |
| Infections of Kidney | 26 | 17 | 43 | 3.7 | 123 | 78 | 201 | 11.3 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | 25 | 6 | 31 | 2.7 | 62 | 27 | 89 | 5.1 |
| Hyperplasia of Prostate | 30 | - | 30 | 2.6 | 233 | - | 233 | 13.3 |
| Inflammatory Diseases of Female Pelvic Organs | - | 2 | 2 | 0.2 | - | 3 | 3 | 0.2 |
| Other Diseases of Genito-Urinary System | 72 | 58 | 130 | 11.2 | 271 | 242 | 513 | 29.3 |
| Pregnancy With Abortive Outcome | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Hemorrhage in Early Pregnancy | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Postpartum Hemorrhage | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 | 0.0 | - | - | 0 | 0.0 |
| Congenital Anomalies | 10 | 8 | 18 | 1.5 | 16 | 11 | 27 | 1.5 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 375 | 232 | 607 | 52.2 | 4,191 | 5,836 | 10,027 | 576.3 |
| Transport Accidents | 108 | 82 | 190 | 16.4 | 229 | 170 | 399 | 22.3 |
| Accidental Falls | 59 | 20 | 79 | 6.8 | 150 | 143 | 293 | 16.3 |
| Accidental Drowning and Submersion | 39 | 23 | 62 | 5.3 | 74 | 43 | 117 | 6.7 |
| Exposure to Smoke, Fire and Flames | 10 | 12 | 22 | 1.9 | 28 | 45 | 73 | 4.2 |
| Exposure to Forces of Nature | 4 | 1 | 5 | 0.4 | 9 | 11 | 20 | 1.1 |
| Accidental Poisoning and Exposure to Noxious Substance | 6 | - | 6 | 0.5 | 11 | 4 | 15 | 0.9 |
| Other Accidents and Late Effects of Transport and Other Accidents | 31 | 11 | 42 | 3.6 | 64 | 52 | 116 | 6.7 |
| Intentional Self Harm | 20 | 6 | 26 | 2.2 | 28 | 16 | 44 | 2.5 |
| Assault | 151 | 23 | 174 | 15.0 | 165 | 54 | 219 | 12.6 |
| Event of Undetermined Intent | 111 | 73 | 184 | 15.8 | 275 | 346 | 621 | 35.7 |
| Legal Interventions | - | - | 0 | 0.0 | 3 | - | 3 | 0.2 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | 6 | 9 | 15 | 1.3 | 20 | 11 | 31 | 1.8 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate*/100,000 Population
Philippines, 1999

| CAUSE | Not Stated | | |
|---|------------|--------|------------|
| | Male | Female | Both Sexes |
| Cholera | - | - | 0 |
| Salmonella Infections | - | - | 0 |
| Shigellosis and Amoebiasis | - | 1 | 1 |
| Other Intestinal Infections Disease | - | - | 0 |
| Other Bacterial Foodborne Intoxications | - | - | 0 |
| Diarrhoeas and Gastroenteritis of Presumed Infectious Origin | 4 | 5 | 9 |
| Tuberculosis of the Respiratory System | 29 | 17 | 46 |
| Tuberculosis of Nervous System | 2 | - | 2 |
| Other Tuberculosis, including Late Effects | 1 | 1 | 2 |
| Leptospirosis | - | - | 0 |
| Leprosy, Including Late Effects | - | - | 0 |
| Tetanus | - | 1 | 1 |
| Diphtheria | - | - | 0 |
| Whooping Cough | - | - | 0 |
| Scarlet Fever and Erysipelas | - | - | 0 |
| Meningococcal Infection | - | - | 0 |
| Septicemia | 1 | 3 | 4 |
| Syphilis | - | - | 0 |
| Gonococcal Infections | - | - | 0 |
| Rickettsioses | - | - | 0 |
| All Other Diseases Caused by Bacteria | - | - | 0 |
| Acute Poliomyelitis, including Late Effects | - | - | 0 |
| Rabies | - | - | 0 |
| Other Arthropod-borne Viral Encephalitis | - | - | 0 |
| Dengue Fever and Dengue-Hemorrhagic Fever | - | - | 0 |
| Yellow Fever | - | - | 0 |
| Other Arthropod-borne Viral, Fevers and Viral Hemorrhagic Fever | - | - | 0 |
| Chickenpox | - | - | 0 |
| Smallpox | - | - | 0 |
| Measles | - | - | 0 |
| Viral Hepatitis | 2 | - | 2 |
| Human Immuno Deficiency Virus (HIV) Disease | - | - | 0 |
| Other Viral Diseases | - | - | 0 |
| Malaria | 1 | 2 | 3 |
| Schistosomiasis | - | - | 0 |
| Filariasis | - | - | 0 |
| Other Helminthiasis | - | - | 0 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate*/100,000 Population
Philippines, 1999

| C A U S E | Not Stated | | |
|---|------------|--------|---------------|
| | Male | Female | Both Sexes |
| Other Infectious and Parasitic Diseases, including Late Effects | 1 | 1 | 2 |
| Malignant Neoplasm of Lip, Oral Cavity and Pharynx | 2 | 1 | 3 |
| Malignant Neoplasm of Esophagus | - | - | 0 |
| Malignant Neoplasm of Stomach | 1 | 1 | 2 |
| Malignant Neoplasm of Small Intestine | - | - | 0 |
| Malignant Neoplasm of Colon | 2 | 1 | 3 |
| Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus | - | - | 0 |
| Malignant Neoplasms of other and Unspecified Site | 9 | 3 | 12 |
| Malignant Neoplasm of Larynx | - | - | 0 |
| Malignant Neoplasm of Trachea, Bronchus and Lung | 5 | 3 | 8 |
| Malignant Neoplasm of Bone and Articular Cartilage | 1 | - | 1 |
| Melanoma and Other Malignant Neoplasm of Skin | 1 | - | 1 |
| Malignant Neoplasm of Breast | - | 3 | 3 |
| Malignant Neoplasm of Other Female Genital Organs | - | - | 0 |
| Malignant Neoplasm of Cervix Uterus | - | 1 | 1 |
| Malignant Neoplasm of Uterus | - | - | 0 |
| Malignant Neoplasm of Placenta | - | - | 0 |
| Malignant Neoplasm of Prostate | 1 | - | 1 |
| Malignant Neoplasm of Lymphatic Tissue | - | - | 0 |
| Leukemia | 2 | 1 | 3 |
| Benign Neoplasm, Carcinoma in Situ, Neoplasm of Uncertain Behavior and of Unspecified Nature | - | - | 0 |
| Anemias | 2 | 2 | 4 |
| Other Diseases of Blood Forming Organs and Certain Disorders Involving the Immune System | - | - | 0 |
| Diabetes Mellitus | 4 | 8 | 12 |
| Kwashiorkor | 1 | - | 1 |
| Nutritional Marasmus | - | - | 0 |
| Other Protein-Calorie Malnutrition | 2 | 2 | 4 |
| Other Nutritional Deficiencies | - | 1 | 1 |
| Goiter, Thyrotoxicosis, Hypothyroidism, and other Endocrine and Metabolic Disorders | - | 3 | 3 |
| Psychoses | 5 | 6 | 11 |
| Mental Retardation | - | - | 0 |
| Other Mental Disorders | - | 1 | 1 |
| Meningitis | - | - | 0 |
| Parkinson's Disease | - | - | 0 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate*/100,000 Population
Philippines, 1999

| C A U S E | Not Stated | | |
|---|------------|--------|---------------|
| | Male | Female | Both Sexes |
| Alzheimer's Disease | - | - | 0 |
| Epilepsy | - | - | 0 |
| Other Diseases of Nervous System | 3 | 2 | 5 |
| Disease of the Eye and Adnexa | - | - | 0 |
| Disease of the Ear and Mastoid Process | - | - | 0 |
| Acute Rheumatic Fever | - | - | 0 |
| Chronic Rheumatic Heart Disease | 1 | - | 1 |
| Hypertension Without Heart Involvement | 12 | 4 | 16 |
| Hypertension With Heart Involvement | 6 | 2 | 8 |
| Angina Pectoris | - | - | 0 |
| Other Forms of Ischaemic Heart Disease | 8 | 9 | 17 |
| Acute Myocardial Infraction | 12 | 13 | 25 |
| Disease of Pulmonary Circulation and Other Forms of Heart Disease | 10 | 9 | 19 |
| Complications and Ill-Defined Description of Heart Disease | 2 | 8 | 10 |
| Cerebrovascular Disease | 13 | 20 | 33 |
| Atherosclerosis | 2 | 3 | 5 |
| Aortic Aneurysm and Dissection | - | - | 0 |
| Other Diseases of Arteries, Arterioles and Capillaries | 1 | - | 1 |
| Venous Thrombosis and Embolism | - | - | 0 |
| Other and Unspecified Disorders of Circulatory System | - | - | 0 |
| Acute Upper Respiratory Infections | - | - | 0 |
| Influenza | 1 | - | 1 |
| Pneumonia | 29 | 25 | 54 |
| Acute Bronchitis and Bronchiolitis | - | - | 0 |
| Chronic Lower Respiratory Disease | 17 | 2 | 19 |
| Pneumoconoses and Chemical Effects | - | - | 0 |
| Pneumonitis due to Solids and Liquids | 1 | 2 | 3 |
| Other Diseases of Respiratory System | 1 | 1 | 2 |
| Diseases of Oral Cavity, Salivary Glands and Jaws | - | - | 0 |
| Gastric, Duodenal, Peptic and Gastrojejunal Ulcer | 4 | 1 | 5 |
| Diseases of the Appendix | - | - | 0 |
| Hernia | - | - | 0 |
| Chronic Liver Disease and Cirrhosis | 4 | - | 4 |
| Cholelithiasis and other Disorders of the Gall Bladder and Biliary Tract | 1 | - | 1 |
| Acute Pancreatitis | 3 | - | 3 |
| Other Diseases of the Digestive System | 3 | 3 | 6 |
| Diseases of the Skin and Subcutaneous Tissue | 1 | 3 | 4 |

Table 24

Mortality: By Cause-Groups, Age & Sex
Number & Rate*/100,000 Population
Philippines, 1999

| C A U S E | Not Stated | | |
|--|------------|--------|---------------|
| | Male | Female | Both Sexes |
| Diseases of Musculoskeletal System and Connective Tissue | - | 1 | 1 |
| Nephritis, Nephrotic Syndrome and Nephrosis | 4 | 2 | 6 |
| Infections of Kidney | 1 | - | 1 |
| Calculus of Kidney, Ureter and Lower Urinary Tract, including Unspecified Renal Colic | - | - | 0 |
| Hyperplasia of Prostate | - | - | 0 |
| Inflammatory Diseases of Female Pelvic Organs | - | - | 0 |
| Other Diseases of Genito-Urinary System | - | 1 | 1 |
| Pregnancy With Abortive Outcome | - | - | 0 |
| Hypertension Complicating Pregnancy, Childbirth and Puerperium | - | - | 0 |
| Hemorrhage in Early Pregnancy | - | - | 0 |
| Postpartum Hemorrhage | - | - | 0 |
| Normal Delivery and Other Complications Related to Pregnancy Occurring in the Course of Labour, Delivery and Puerperium | - | - | 0 |
| Certain Conditions Originating in the Perinatal Period | - | - | 0 |
| Congenital Anomalies | 4 | 3 | 7 |
| Symptoms, Signs and Abnormal Clinical and Laboratory Findings Not Elsewhere Classified | 39 | 29 | 68 |
| Transport Accidents | 20 | 8 | 28 |
| Accidental Falls | - | 3 | 3 |
| Accidental Drowning and Submersion | 8 | 7 | 15 |
| Exposure to Smoke, Fire and Flames | - | 2 | 2 |
| Exposure to Forces of Nature | 1 | 1 | 2 |
| Accidental Poisoning and Exposure to Noxious Substance | - | - | 0 |
| Other Accidents and Late Effects of Transport and Other Accidents | 2 | - | 2 |
| Intentional Self Harm | - | 2 | 2 |
| Assault | 45 | 7 | 52 |
| Event of Undetermined Intent | 13 | 5 | 18 |
| Legal Interventions | 4 | - | 4 |
| Other External Causes, Including Complications of Medical and Surgical Care and Sequelae of External Causes of Mortality | - | - | 0 |

* rate cannot be computed, age non-categorical

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | INTESTINAL INFECTIOUS DISEASE (A00-A09) | | TUBERCULOSIS (A15-A19, B90) | | SEPTICAEMIA (A40-A41) | | RABIES (A82) | |
|----------------------|--|------------|--------------------------------|-------------|--------------------------|------------|-----------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| PHILIPPINES | 4,575 | 6.1 | 28,904 | 38.7 | 4,815 | 6.4 | 625 | 0.8 |
| NCR | 641 | 6.3 | 4,087 | 40.1 | 920 | 9.0 | 51 | 0.5 |
| City of Manila | 138 | 8.7 | 1,042 | 65.9 | 175 | 11.1 | 24 | 1.5 |
| Manila, 2nd District | 4 | 0.6 | 51 | 7.9 | 13 | 2.0 | - | - |
| Mandaluyong City | 13 | 4.4 | 104 | 35.5 | 21 | 7.2 | 1 | 0.3 |
| Marikina City | 19 | 4.8 | 159 | 39.9 | 35 | 8.8 | - | - |
| Pasig City | 43 | 8.3 | 216 | 41.5 | 68 | 13.1 | 2 | 0.4 |
| Quezon City | 129 | 6.1 | 662 | 31.3 | 231 | 10.9 | 6 | 0.3 |
| Manila, 3rd District | 33 | 5.3 | 308 | 49.4 | 33 | 5.3 | 2 | 0.3 |
| Kalookan City | 68 | 5.9 | 476 | 41.1 | 65 | 5.6 | 3 | 0.3 |
| Valenzuela City | 25 | 5.0 | 158 | 31.5 | 44 | 8.8 | 1 | 0.2 |
| Manila, 4th District | 106 | 10.5 | 426 | 42.1 | 92 | 9.1 | 10 | 1.0 |
| Makati City | 17 | 3.5 | 170 | 34.7 | 54 | 11.0 | 1 | 0.2 |
| Parañaque City | 29 | 6.6 | 154 | 35.0 | 49 | 11.1 | 1 | 0.2 |
| Pasay City | 17 | 4.1 | 161 | 38.5 | 40 | 9.6 | - | - |
| C.A.R. | 73 | 5.3 | 308 | 22.4 | 66 | 4.8 | 7 | 0.5 |
| Abra | 11 | 5.3 | 111 | 53.6 | 11 | 5.3 | 1 | 0.5 |
| Apayao | 1 | 1.1 | 26 | 28.5 | - | - | 1 | 1.1 |
| Benguet | 24 | 7.2 | 51 | 15.2 | 19 | 5.7 | - | - |
| Ifugao | 9 | 5.5 | 38 | 23.3 | 11 | 6.7 | 5 | 3.1 |
| Kalinga | 9 | 5.4 | 24 | 14.3 | 1 | 0.6 | - | - |
| Mountain Province | 8 | 5.7 | 19 | 13.6 | 6 | 4.3 | - | - |
| Baguio City | 11 | 4.1 | 39 | 14.5 | 18 | 6.7 | - | - |
| Region 1 | 397 | 9.7 | 2,035 | 49.9 | 290 | 7.1 | 60 | 1.5 |
| Ilocos Norte | 37 | 8.9 | 190 | 45.7 | 16 | 3.8 | 11 | 2.6 |
| Ilocos Sur | 40 | 7.0 | 210 | 36.6 | 39 | 6.8 | 11 | 1.9 |
| La Union | 49 | 9.0 | 220 | 40.5 | 42 | 7.7 | 8 | 1.5 |
| Pangasinan | 188 | 9.6 | 1,109 | 56.6 | 130 | 6.6 | 22 | 1.1 |
| Dagupan City | 32 | 23.9 | 67 | 50.0 | 20 | 14.9 | - | - |
| Laoag City | 5 | 5.3 | 26 | 27.7 | 10 | 10.6 | 3 | 3.2 |
| San Carlos City | 20 | 13.9 | 99 | 68.6 | 21 | 14.6 | 2 | 1.4 |
| San Fernando City | 22 | 21.9 | 51 | 50.8 | 9 | 9.0 | 2 | 2.0 |
| Urdaneta City | 4 | 3.7 | 63 | 57.5 | 3 | 2.7 | 1 | 0.9 |
| Region 2 | 209 | 7.6 | 928 | 33.7 | 139 | 5.0 | 27 | 1.0 |
| Batanes | - | - | 4 | 26.9 | 1 | 6.7 | - | - |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | INTESTINAL INFECTIOUS DISEASE (A00-A09) | | TUBERCULOSIS (A15-A19, B90) | | SEPTICAEMIA (A40-A41) | | RABIES (A82) | |
|----------------------|--|------------|--------------------------------|-------------|--------------------------|------------|-----------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Cagayan | 67 | 7.0 | 414 | 43.1 | 40 | 4.2 | 11 | 1.1 |
| Isabela | 110 | 9.5 | 397 | 34.2 | 63 | 5.4 | 12 | 1.0 |
| Nueva Vizcaya | 15 | 4.1 | 65 | 17.8 | 15 | 4.1 | 2 | 0.5 |
| Quirino | 10 | 6.8 | 24 | 16.4 | 10 | 6.8 | 2 | 1.4 |
| Santiago City | 7 | 6.4 | 24 | 22.0 | 10 | 9.2 | - | - |
| Region 3 | 365 | 4.8 | 3,199 | 42.4 | 415 | 5.5 | 80 | 1.1 |
| Bataan | 23 | 4.3 | 315 | 58.6 | 25 | 4.7 | 1 | 0.2 |
| Bulacan | 110 | 5.6 | 887 | 45.1 | 98 | 5.0 | 20 | 1.0 |
| Nueva Ecija | 63 | 5.0 | 484 | 38.3 | 71 | 5.6 | 20 | 1.6 |
| Pampanga | 35 | 2.3 | 449 | 29.2 | 55 | 3.6 | 9 | 0.6 |
| Tarlac | 42 | 5.5 | 321 | 41.7 | 55 | 7.1 | 10 | 1.3 |
| Zambales | 29 | 6.8 | 207 | 48.8 | 20 | 4.7 | 8 | 1.9 |
| Angeles City | 10 | 4.0 | 103 | 41.3 | 21 | 8.4 | 2 | 0.8 |
| Cabanatuan City | 10 | 4.6 | 103 | 47.0 | 31 | 14.2 | 4 | 1.8 |
| Olongapo City | 16 | 8.7 | 97 | 52.8 | 13 | 7.1 | - | - |
| Palayan City | - | - | 13 | 41.4 | 9 | 28.7 | 2 | 6.4 |
| San Jose City | 9 | 8.5 | 39 | 36.9 | 6 | 5.7 | 1 | 0.9 |
| Tarlac City | 18 | 7.2 | 181 | 72.8 | 11 | 4.4 | 3 | 1.2 |
| Region 4 | 551 | 5.0 | 4,567 | 41.4 | 677 | 6.1 | 121 | 1.1 |
| Aurora | 12 | 6.8 | 67 | 37.8 | 7 | 3.9 | 5 | 2.8 |
| Batangas | 40 | 3.0 | 458 | 34.1 | 54 | 4.0 | 17 | 1.3 |
| Cavite | 91 | 5.5 | 609 | 36.7 | 58 | 3.5 | 8 | 0.5 |
| Laguna | 61 | 3.7 | 861 | 52.9 | 88 | 5.4 | 16 | 1.0 |
| Marinduque | 14 | 6.7 | 111 | 53.5 | 14 | 6.7 | 7 | 3.4 |
| Mindoro Occidental | 14 | 3.8 | 97 | 26.4 | 42 | 11.4 | 6 | 1.6 |
| Mindoro Oriental | 26 | 4.7 | 242 | 43.6 | 42 | 7.6 | 9 | 1.6 |
| Palawan | 22 | 3.9 | 101 | 17.9 | 26 | 4.6 | 5 | 0.9 |
| Quezon | 83 | 5.7 | 659 | 45.0 | 91 | 6.2 | 25 | 1.7 |
| Rizal | 47 | 4.2 | 529 | 47.4 | 58 | 5.2 | 6 | 0.5 |
| Romblon | 25 | 9.7 | 173 | 67.2 | 28 | 10.9 | 1 | 0.4 |
| Batangas City | 19 | 8.4 | 90 | 39.6 | 14 | 6.2 | 1 | 0.4 |
| Cavite City | 8 | 8.8 | 48 | 52.8 | 7 | 7.7 | - | - |
| Lipa City | 8 | 4.2 | 53 | 27.8 | 18 | 9.5 | 2 | 1.1 |
| Lucena City | 10 | 5.0 | 98 | 49.2 | 32 | 16.1 | 2 | 1.0 |
| Puerto Princesa City | 10 | 66.6 | 41 | 273.2 | 17 | 113.3 | 4 | 26.7 |
| San Pablo City | 12 | 6.1 | 54 | 27.4 | 11 | 5.6 | 4 | 2.0 |
| Tagaytay City | 2 | 6.3 | 4 | 12.7 | - | - | - | - |
| Trece Martires City | 14 | 63.3 | 4 | 18.1 | 10 | 45.2 | - | - |
| Calapan City | 5 | 4.7 | 50 | 46.9 | 35 | 32.8 | 2 | 1.9 |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | INTESTINAL INFECTIOUS DISEASE (A00-A09) | | TUBERCULOSIS (A15-A19, B90) | | SEPTICAEMIA (A40-A41) | | RABIES (A82) | |
|-------------------|--|------------|--------------------------------|-------------|--------------------------|------------|-----------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Antipolo City | 28 | 5.8 | 218 | 45.0 | 25 | 5.2 | 1 | 0.2 |
| Region 5 | 327 | 7.0 | 2,369 | 50.8 | 280 | 6.0 | 55 | 1.2 |
| Albay | 57 | 6.1 | 575 | 61.9 | 62 | 6.7 | 12 | 1.3 |
| Camarines Norte | 40 | 8.2 | 226 | 46.4 | 37 | 7.6 | 2 | 0.4 |
| Camarines Sur | 71 | 5.3 | 733 | 54.7 | 48 | 3.6 | 25 | 1.9 |
| Catanduanes | 42 | 19.2 | 147 | 67.2 | 13 | 5.9 | - | - |
| Masbate | 54 | 7.9 | 187 | 27.3 | 26 | 3.8 | 3 | 0.4 |
| Sorsogon | 32 | 5.1 | 298 | 47.8 | 75 | 12.0 | 11 | 1.8 |
| Iriga City | 7 | 8.2 | 48 | 55.9 | 2 | 2.3 | - | - |
| Legaspi City | 7 | 4.4 | 76 | 48.1 | 4 | 2.5 | - | - |
| Naga City | 17 | 12.1 | 79 | 56.3 | 13 | 9.3 | 2 | 1.4 |
| Region 6 | 440 | 7.1 | 3,878 | 62.4 | 507 | 8.2 | 36 | 0.6 |
| Aklan | 24 | 5.5 | 269 | 61.1 | 38 | 8.6 | 2 | 0.5 |
| Antique | 29 | 6.3 | 215 | 46.4 | 67 | 14.5 | 6 | 1.3 |
| Capiz | 16 | 3.0 | 146 | 27.2 | 37 | 6.9 | 5 | 0.9 |
| Guimaras | 4 | 2.9 | 44 | 32.4 | 4 | 2.9 | 1 | 0.7 |
| Iloilo | 79 | 5.4 | 959 | 65.9 | 182 | 12.5 | 5 | 0.3 |
| Negros Occidental | 117 | 9.0 | 896 | 68.8 | 35 | 2.7 | 7 | 0.5 |
| Bacolod City | 52 | 11.6 | 340 | 76.0 | 10 | 2.2 | 2 | 0.4 |
| Bago City | 10 | 6.9 | 135 | 92.5 | 3 | 2.1 | - | - |
| Cadiz City | 29 | 22.6 | 128 | 99.6 | 4 | 3.1 | 1 | 0.8 |
| Iloilo City | 15 | 4.1 | 215 | 59.1 | 60 | 16.5 | 4 | 1.1 |
| La Carlota City | 1 | 1.7 | 28 | 47.5 | 4 | 6.8 | - | - |
| Roxas City | 8 | 6.0 | 52 | 39.1 | 46 | 34.6 | - | - |
| Sagay City | 7 | 5.1 | 66 | 48.4 | 3 | 2.2 | - | - |
| San Carlos City | 15 | 14.2 | 52 | 49.4 | 4 | 3.8 | 1 | 0.9 |
| Silay City | 21 | 15.2 | 136 | 98.7 | 3 | 2.2 | - | - |
| Passi City | - | - | 33 | 52.3 | 3 | 4.8 | 2 | 3.2 |
| Talisay City | 5 | 6.8 | 84 | 114.0 | 1 | 1.4 | - | - |
| Victorias City | 8 | 9.3 | 80 | 92.6 | 3 | 3.5 | - | - |
| Region 7 | 408 | 7.5 | 1,586 | 29.2 | 492 | 9.1 | 40 | 0.7 |
| Bohol | 81 | 8.2 | 357 | 36.0 | 95 | 9.6 | 3 | 0.3 |
| Cebu | 132 | 7.2 | 366 | 20.0 | 147 | 8.0 | 12 | 0.7 |
| Negros Oriental | 51 | 5.7 | 204 | 23.0 | 107 | 12.0 | 11 | 1.2 |
| Siquijor | 2 | 2.5 | 57 | 71.8 | 13 | 16.4 | - | - |
| Bais City | 9 | 13.5 | 24 | 36.0 | - | - | - | - |
| Canlaon City | 3 | 6.7 | 29 | 64.8 | 4 | 8.9 | 3 | 6.7 |
| Cebu City | 75 | 10.4 | 316 | 43.9 | 85 | 11.8 | 7 | 1.0 |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | INTESTINAL INFECTIOUS DISEASE (A00-A09) | | TUBERCULOSIS (A15-A19, B90) | | SEPTICAEMIA (A40-A41) | | RABIES (A82) | |
|---------------------|--|------------|--------------------------------|-------------|--------------------------|------------|-----------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Danao City | 5 | 5.7 | 25 | 28.7 | 5 | 5.7 | - | - |
| Dumaguete City | 8 | 7.8 | 45 | 43.8 | 6 | 5.8 | - | - |
| Lapu-Lapu City | 8 | 4.0 | 48 | 23.9 | 6 | 3.0 | - | - |
| Mandaue City | 18 | 8.6 | 53 | 25.2 | 13 | 6.2 | 4 | 1.9 |
| Tagbilaran City | 4 | 5.1 | 31 | 39.7 | 9 | 11.5 | - | - |
| Toledo City | 12 | 8.9 | 31 | 22.9 | 2 | 1.5 | - | - |
| Region 8 | 268 | 7.3 | 1,348 | 36.7 | 178 | 4.9 | 27 | 0.7 |
| Biliran | 22 | 15.2 | 71 | 49.2 | 9 | 6.2 | 1 | 0.7 |
| Leyte del Norte | 89 | 6.8 | 521 | 40.1 | 60 | 4.6 | 8 | 0.6 |
| Leyte del Sur | 36 | 10.4 | 229 | 66.2 | 17 | 4.9 | - | - |
| Eastern Samar | 11 | 2.8 | 87 | 22.3 | 10 | 2.6 | 5 | 1.3 |
| Northern Samar | 41 | 8.3 | 141 | 28.7 | 45 | 9.1 | 5 | 1.0 |
| Western Samar | 10 | 2.0 | 82 | 16.5 | 14 | 2.8 | 1 | 0.2 |
| Calbayog City | 14 | 9.9 | 60 | 42.5 | 5 | 3.5 | - | - |
| Ormoc City | 14 | 8.7 | 79 | 49.2 | 6 | 3.7 | 2 | 1.2 |
| Tacloban City | 31 | 15.8 | 78 | 39.9 | 12 | 6.1 | 5 | 2.6 |
| Region 9 | 213 | 6.9 | 762 | 24.7 | 163 | 5.3 | 21 | 0.7 |
| Basilan | 6 | 1.9 | 30 | 9.4 | 1 | 0.3 | 1 | 0.3 |
| Zamboanga Del Norte | 36 | 5.3 | 167 | 24.7 | 24 | 3.5 | 2 | 0.3 |
| Zamboanga Del Sur | 85 | 7.2 | 234 | 19.7 | 40 | 3.4 | 6 | 0.5 |
| Dapitan City | 13 | 19.1 | 43 | 63.3 | 3 | 4.4 | - | - |
| Dipolog City | 11 | 10.9 | 52 | 51.3 | 48 | 47.4 | 1 | 1.0 |
| Pagadian City | 11 | 7.7 | 25 | 17.5 | 5 | 3.5 | 2 | 1.4 |
| Zamboanga City | 51 | 8.7 | 211 | 36.1 | 42 | 7.2 | 9 | 1.5 |
| Region 10 | 175 | 6.4 | 762 | 28.1 | 124 | 4.6 | 24 | 0.9 |
| Bukidnon | 30 | 3.3 | 104 | 11.3 | 19 | 2.1 | 6 | 0.7 |
| Camiguin | - | - | 42 | 58.5 | 7 | 9.7 | - | - |
| Misamis Occidental | 18 | 6.7 | 116 | 43.4 | 18 | 6.7 | 8 | 3.0 |
| Misamis Oriental | 35 | 6.6 | 182 | 34.4 | 17 | 3.2 | 2 | 0.4 |
| Cagayan De Oro City | 41 | 8.4 | 144 | 29.6 | 28 | 5.8 | 1 | 0.2 |
| Gingoog City | 13 | 14.5 | 33 | 36.8 | 5 | 5.6 | - | - |
| Oroquieta City | 7 | 11.8 | 38 | 64.0 | 12 | 20.2 | 2 | 3.4 |
| Ozamis City | 22 | 20.0 | 66 | 59.9 | 10 | 9.1 | 3 | 2.7 |
| Tangub City | 4 | 8.3 | 23 | 47.8 | 5 | 10.4 | - | - |
| Malaybalay City | 5 | 3.8 | 14 | 10.6 | 3 | 2.3 | 2 | 1.5 |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | INTESTINAL INFECTIOUS DISEASE (A00-A09) | | TUBERCULOSIS (A15-A19, B90) | | SEPTICAEMIA (A40-A41) | | RABIES (A82) | |
|---------------------------------|--|------------|--------------------------------|-------------|--------------------------|------------|------------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Region 11 | 229 | 4.5 | 1,708 | 33.4 | 264 | 5.2 | 49 | 1.0 |
| Cotabato South | 20 | 2.9 | 266 | 38.7 | 15 | 2.2 | 5 | 0.7 |
| Davao Oriental | 21 | 4.7 | 91 | 20.5 | 15 | 3.4 | 4 | 0.9 |
| Davao Del Norte | 30 | 0.7 | 152 | 3.7 | 11 | 0.3 | 10 | 0.2 |
| Davao Del Sur | 39 | 5.5 | 252 | 35.3 | 54 | 7.6 | 5 | 0.7 |
| Sarangani | 11 | 2.6 | 43 | 10.3 | 29 | 7.0 | 2 | 0.5 |
| Compostela Valley | 24 | 38.0 | 151 | 239.1 | 28 | 44.3 | 4 | 6.3 |
| Davao City | 43 | 3.8 | 506 | 45.1 | 72 | 6.4 | 15 | 1.3 |
| General Santos City (Dadiangas) | 24 | 6.1 | 139 | 35.2 | 19 | 4.8 | 1 | 0.3 |
| Island Garden City of Samal | 6 | 25.0 | 26 | 108.5 | 14 | 58.4 | 1 | 4.2 |
| Tagum City | 11 | 6.1 | 82 | 45.8 | 7 | 3.9 | 2 | 1.1 |
| Region 12 | 120 | 4.6 | 671 | 25.8 | 112 | 4.3 | 8 | 0.3 |
| Lanao Del Norte | 19 | 4.0 | 99 | 20.7 | 13 | 2.7 | 4 | 0.8 |
| North Cotabato | 25 | 2.9 | 218 | 25.6 | 18 | 2.1 | 1 | 0.1 |
| Sultan Kudarat | 20 | 3.5 | 132 | 22.8 | 25 | 4.3 | - | - |
| Cotabato City | 23 | 14.3 | 68 | 42.4 | 19 | 11.8 | 1 | 0.6 |
| Iligan City | 24 | 7.8 | 107 | 34.7 | 37 | 12.0 | 1 | 0.3 |
| Marawi City | 2 | 1.6 | 10 | 8.1 | - | - | - | - |
| Kidapawan City | 7 | 7.2 | 37 | 37.9 | - | - | 1 | 1.0 |
| A. R. M. M. | 23 | 1.1 | 106 | 4.9 | 7 | 0.3 | 3 | 0.1 |
| Lanao Del Sur | 7 | 1.1 | 35 | 5.7 | - | - | - | - |
| Maguindano | 10 | 1.4 | 45 | 6.2 | 6 | 0.8 | 3 | 0.4 |
| Sulu | 6 | 1.1 | 19 | 3.5 | 1 | 0.2 | - | - |
| Tawi-Tawi | - | - | 7 | 2.7 | - | - | - | - |
| CARAGA | 135 | 6.3 | 590 | 27.6 | 178 | 8.3 | 16 | 0.7 |
| Agusan Del Norte | 14 | 4.9 | 82 | 28.6 | 10 | 3.5 | - | - |
| Agusan Del Sur | 24 | 4.0 | 83 | 13.9 | 13 | 2.2 | 1 | 0.2 |
| Surigao Del Norte | 25 | 7.0 | 170 | 47.4 | 24 | 6.7 | 4 | 1.1 |
| Surigao Del Sur | 37 | 7.3 | 145 | 28.6 | 66 | 13.0 | 8 | 1.6 |
| Butuan City | 24 | 8.9 | 52 | 19.3 | 21 | 7.8 | - | - |
| Surigao City | 11 | 9.5 | 58 | 50.1 | 44 | 38.0 | 3 | 2.6 |
| FOREIGN COUNTRY* | 1 | | - | | 3 | | - | |

*refers to the usual residence (which is outside Philippines), thus, rate cannot be computed

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

[illegible]

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DENGUE (A90-A91) | | HIV DISEASE (B20-B24) | | MALARIA (B50-B54) | | MALIGNANT NEOPLASM (C00-C97) | |
|----------------------|---------------------|------------|--------------------------|------------|----------------------|------------|------------------------------------|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Cagayan | 3 | 0.3 | - | - | 22 | 2.3 | 380 | 39.6 |
| Isabela | 2 | 0.2 | - | - | 13 | 1.1 | 421 | 36.3 |
| Nueva Vizcaya | 2 | 0.5 | - | - | 1 | 0.3 | 152 | 41.6 |
| Quirino | - | - | - | - | 4 | 2.7 | 44 | 30.1 |
| Santiago City | 1 | 0.9 | - | - | 1 | 0.9 | 59 | 54.0 |
| Region 3 | 63 | 0.8 | 3 | 0.0 | 13 | 0.2 | 4,489 | 59.5 |
| Bataan | 6 | 1.1 | - | - | - | - | 302 | 56.2 |
| Bulacan | 5 | 0.3 | 1 | 0.1 | - | - | 1,239 | 63.0 |
| Nueva Ecija | 2 | 0.2 | - | - | 3 | 0.2 | 707 | 55.9 |
| Pampanga | 17 | 1.1 | - | - | - | - | 934 | 60.7 |
| Tarlac | 6 | 0.8 | - | - | - | - | 453 | 58.8 |
| Zambales | 6 | 1.4 | - | - | 8 | 1.9 | 244 | 57.5 |
| Angeles City | 6 | 2.4 | 1 | 0.4 | - | - | 154 | 61.7 |
| Cabanatuan City | 6 | 2.7 | - | - | 1 | 0.5 | 131 | 59.8 |
| Olongapo City | 1 | 0.5 | 1 | 0.5 | 1 | 0.5 | 107 | 58.3 |
| Palayan City | 1 | 3.2 | - | - | - | - | 16 | 51.0 |
| San Jose City | 1 | 0.9 | - | - | - | - | 59 | 55.8 |
| Tarlac City | 6 | 2.4 | - | - | - | - | 143 | 57.5 |
| Region 4 | 70 | 0.6 | 5 | 0.0 | 92 | 0.8 | 5,456 | 49.4 |
| Aurora | 1 | 0.6 | - | - | 5 | 2.8 | 61 | 34.4 |
| Batangas | 7 | 0.5 | - | - | - | - | 848 | 63.2 |
| Cavite | 19 | 1.1 | 1 | 0.1 | - | - | 945 | 57.0 |
| Laguna | 10 | 0.6 | 1 | 0.1 | 1 | 0.1 | 871 | 53.5 |
| Marinduque | - | - | - | - | - | - | 111 | 53.5 |
| Mindoro Occidental | 3 | 0.8 | - | - | 17 | 4.6 | 102 | 27.7 |
| Mindoro Oriental | - | - | 1 | 0.2 | 2 | 0.4 | 206 | 37.2 |
| Palawan | 1 | 0.2 | - | - | 51 | 9.0 | 88 | 15.6 |
| Quezon | 2 | 0.1 | 1 | 0.1 | 5 | 0.3 | 604 | 41.2 |
| Rizal | 13 | 1.2 | - | - | 2 | 0.2 | 552 | 49.5 |
| Romblon | - | - | 1 | 0.4 | 1 | 0.4 | 129 | 50.1 |
| Batangas City | 1 | 0.4 | - | - | 1 | 0.4 | 134 | 59.0 |
| Cavite City | 1 | 1.1 | - | - | - | - | 81 | 89.2 |
| Lipa City | - | - | - | - | - | - | 125 | 65.7 |
| Lucena City | 4 | 2.0 | - | - | - | - | 99 | 49.7 |
| Puerto Princesa City | - | - | - | - | 7 | 46.7 | 78 | 519.8 |
| San Pablo City | - | - | - | - | - | - | 122 | 61.9 |
| Tagaytay City | 1 | 3.2 | - | - | - | - | 22 | 69.8 |
| Trece Martires City | - | - | - | - | - | - | 18 | 81.4 |
| Calapan City | 1 | 0.9 | - | - | - | - | 56 | 52.5 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DENGUE | | HIV DISEASE | | MALARIA | | MALIGNANT NEOPLASM | |
|-------------------|-----------|------------|-------------|------------|-----------|------------|--------------------|-------------|
| | (A90-A91) | | (B20-B24) | | (B50-B54) | | (C00-C97) | |
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Antipolo City | 6 | 1.2 | - | - | - | - | 204 | 42.1 |
| Region 5 | 11 | 0.2 | - | - | 2 | 0.0 | 1,514 | 32.4 |
| Albay | 1 | 0.1 | - | - | - | - | 297 | 32.0 |
| Camarines Norte | - | - | - | - | - | - | 152 | 31.2 |
| Camarines Sur | 4 | 0.3 | - | - | - | - | 418 | 31.2 |
| Catanduanes | - | - | - | - | - | - | 85 | 38.8 |
| Masbate | 1 | 0.1 | - | - | - | - | 145 | 21.2 |
| Sorsogon | 1 | 0.2 | - | - | 2 | 0.3 | 223 | 35.8 |
| Iriga City | 1 | 1.2 | - | - | - | - | 53 | 61.7 |
| Legaspi City | 1 | 0.6 | - | - | - | - | 72 | 45.6 |
| Naga City | 2 | 1.4 | - | - | - | - | 69 | 49.2 |
| Region 6 | 14 | 0.2 | 5 | 0.1 | 5 | 0.1 | 3,220 | 51.8 |
| Aklan | 1 | 0.2 | - | - | 1 | 0.2 | 284 | 64.5 |
| Antique | - | - | - | - | - | - | 217 | 46.8 |
| Capiz | - | - | - | - | 1 | 0.2 | 280 | 52.2 |
| Guimaras | - | - | - | - | - | - | 71 | 52.3 |
| Iloilo | 3 | 0.2 | 3 | 0.2 | 2 | 0.1 | 741 | 50.9 |
| Negros Occidental | 2 | 0.2 | - | - | - | - | 461 | 35.4 |
| Bacolod City | - | - | 2 | 0.4 | - | - | 335 | 74.9 |
| Bago City | 1 | 0.7 | - | - | - | - | 73 | 50.0 |
| Cadiz City | - | - | - | - | - | - | 79 | 61.5 |
| Iloilo City | 1 | 0.3 | - | - | - | - | 229 | 63.0 |
| La Carlota City | 1 | 1.7 | - | - | - | - | 43 | 73.0 |
| Roxas City | - | - | - | - | - | - | 83 | 62.4 |
| Sagay City | 1 | 0.7 | - | - | - | - | 65 | 47.7 |
| San Carlos City | 1 | 0.9 | - | - | - | - | 51 | 48.4 |
| Silay City | 2 | 1.5 | - | - | - | - | 83 | 60.2 |
| Passi City | - | - | - | - | 1 | 1.6 | 30 | 47.5 |
| Talisay City | - | - | - | - | - | - | 56 | 76.0 |
| Victorias City | 1 | 1.2 | - | - | - | - | 39 | 45.1 |
| Region 7 | 54 | 1.0 | 3 | 0.1 | 2 | 0.0 | 3,434 | 63.2 |
| Bohol | 3 | 0.3 | 1 | 0.1 | - | - | 527 | 53.2 |
| Cebu | 6 | 0.3 | 1 | 0.1 | - | - | 1,196 | 65.4 |
| Negros Oriental | - | - | - | - | - | - | 409 | 46.0 |
| Siquijor | - | - | - | - | 1 | 1.3 | 87 | 109.6 |
| Bais City | - | - | - | - | - | - | 32 | 48.0 |
| Caniaon City | - | - | - | - | - | - | 19 | 42.5 |
| Cebu City | 40 | 5.6 | - | - | - | - | 603 | 83.8 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DENGUE (A90-A91) | | HIV DISEASE (B20-B24) | | MALARIA (B50-B54) | | MALIGNANT NEOPLASM (C00-C97) | |
|---------------------|---------------------|------------|--------------------------|------------|----------------------|------------|------------------------------------|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Danao City | 1 | 1.1 | - | - | 1 | 1.1 | 57 | 65.3 |
| Dumaguete City | 2 | 1.9 | - | - | - | - | 112 | 109.0 |
| Lapu-Lapu City | - | - | - | - | - | - | 137 | 68.2 |
| Mandaue City | 1 | 0.5 | 1 | 0.5 | - | - | 132 | 62.8 |
| Tagbilaran City | 1 | 1.3 | - | - | - | - | 46 | 59.0 |
| Toledo City | - | - | - | - | - | - | 77 | 56.8 |
| Region 8 | 11 | 0.3 | 1 | 0.0 | 4 | 0.1 | 1,165 | 31.8 |
| Biliran | - | - | - | - | - | - | 42 | 29.1 |
| Leyte Del Norte | 5 | 0.4 | - | - | 3 | 0.2 | 479 | 36.8 |
| Leyte Del Sur | 1 | 0.3 | - | - | 1 | 0.3 | 215 | 62.1 |
| Eastern Samar | - | - | 1 | 0.3 | - | - | 88 | 22.6 |
| Northern Samar | 2 | 0.4 | - | - | - | - | 106 | 21.5 |
| Western Samar | - | - | - | - | - | - | 72 | 14.5 |
| Calbayog City | - | - | - | - | - | - | 29 | 20.5 |
| Ormoc City | 1 | 0.6 | - | - | - | - | 79 | 49.2 |
| Tacloban City | 2 | 1.0 | - | - | - | - | 55 | 28.1 |
| Region 9 | 7 | 0.2 | 1 | 0.0 | 20 | 0.6 | 864 | 28.1 |
| Basilan | - | - | - | - | 3 | 0.9 | 35 | 11.0 |
| Zamboanga Del Norte | 1 | 0.1 | - | - | 5 | 0.7 | 162 | 23.9 |
| Zamboanga Del Sur | 3 | 0.3 | - | - | 5 | 0.4 | 242 | 20.4 |
| Dapitan City | - | - | - | - | - | - | 51 | 75.0 |
| Dipolog City | - | - | 1 | 1.0 | 1 | 1.0 | 59 | 58.2 |
| Pagadian City | - | - | - | - | 1 | 0.7 | 52 | 36.3 |
| Zamboanga City | 3 | 0.5 | - | - | 5 | 0.9 | 263 | 45.0 |
| Region 10 | 13 | 0.5 | - | - | 14 | 0.5 | 1,041 | 38.4 |
| Bukidnon | 2 | 0.2 | - | - | 4 | 0.4 | 172 | 18.7 |
| Camiguin | - | - | - | - | - | - | 39 | 54.3 |
| Misamis Occidental | - | - | - | - | - | - | 131 | 49.0 |
| Misamis Oriental | 1 | 0.2 | - | - | 1 | 0.2 | 277 | 52.4 |
| Cagayan De Oro City | 5 | 1.0 | - | - | - | - | 221 | 45.4 |
| Gingoog City | - | - | - | - | 8 | 8.9 | 33 | 36.8 |
| Oroquieta City | 3 | 5.1 | - | - | - | - | 42 | 70.8 |
| Ozamis City | 2 | 1.8 | - | - | - | - | 76 | 69.0 |
| Tangub City | - | - | - | - | - | - | 24 | 49.9 |
| Malaybalay City | - | - | - | - | 1 | 0.8 | 26 | 19.7 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DENGUE | | HIV DISEASE | | MALARIA | | MALIGNANT NEOPLASM | |
|---------------------------------|-----------|------------|-------------|------|-----------|------------|--------------------|-------------|
| | (A90-A91) | | (B20-B24) | | (B50-B54) | | (C00-C97) | |
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Region 11 | 18 | 0.4 | - | - | 43 | 0.8 | 1,901 | 37.2 |
| Cotabato South | 4 | 0.6 | - | - | - | - | 306 | 44.5 |
| Davao Oriental | - | - | - | - | 9 | 2.0 | 119 | 26.8 |
| Davao Del Norte | - | - | - | - | 4 | 0.1 | 167 | 4.1 |
| Davao Del Sur | 1 | 0.1 | - | - | 6 | 0.8 | 256 | 35.8 |
| Sarangani | 2 | 0.5 | - | - | 4 | 1.0 | 74 | 17.8 |
| Campostela Valley | 1 | 1.6 | - | - | 6 | 9.5 | 107 | 169.4 |
| Davao City | 2 | 0.2 | - | - | 5 | 0.4 | 626 | 55.8 |
| General Santos City (Dadiangas) | 5 | 1.3 | - | - | 2 | 0.5 | 133 | 33.7 |
| Island Garden City of Samal | - | - | - | - | - | - | 40 | 166.9 |
| City of Tagum | 3 | 1.7 | - | - | 7 | 3.9 | 73 | 40.8 |
| Region 12 | 4 | 0.2 | - | - | 16 | 0.6 | 630 | 24.2 |
| Lanao Del Norte | - | - | - | - | 6 | 1.3 | 100 | 20.9 |
| North Cotabato | 1 | 0.1 | - | - | 3 | 0.4 | 201 | 23.6 |
| Sultan Kudarat | 1 | 0.2 | - | - | 5 | 0.9 | 113 | 19.6 |
| Cotabato City | 1 | 0.6 | - | - | - | - | 52 | 32.4 |
| Iligan City | 1 | 0.3 | - | - | 2 | 0.6 | 122 | 39.6 |
| Marawi City | - | - | - | - | - | - | 8 | 6.5 |
| City of Kidapawan | - | - | - | - | - | - | 34 | 34.8 |
| A.R.M.M. | 3 | 0.1 | - | - | 17 | 0.8 | 78 | 3.6 |
| Lanao Del Sur | 2 | 0.3 | - | - | - | - | 18 | 2.9 |
| Maguindanao | 1 | 0.1 | - | - | 4 | 0.6 | 28 | 3.9 |
| Sulu | - | - | - | - | 3 | 0.5 | 22 | 4.0 |
| Tawi-Tawi | - | - | - | - | 10 | 3.8 | 10 | 3.8 |
| CARAGA | 3 | 0.1 | - | - | 39 | 1.8 | 585 | 27.4 |
| Agusan Del Norte | - | - | - | - | 8 | 2.8 | 74 | 25.8 |
| Agusan Del Sur | - | - | - | - | 11 | 1.8 | 90 | 15.1 |
| Surigao Del Norte | - | - | - | - | - | - | 105 | 29.3 |
| Surigao Del Sur | - | - | - | - | 16 | 3.2 | 136 | 26.8 |
| Butuan City | 1 | 0.4 | - | - | 4 | 1.5 | 104 | 38.7 |
| Surigao City | 2 | 1.7 | - | - | - | - | 76 | 65.7 |
| FOREIGN COUNTRY* | - | - | 1 | - | 1 | - | 29 | - |

*refers to the usual residence (which is outside Philippines), thus, rate cannot be computed

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DIABETES MELLITUS (E10-E14) | | NUTRITIONAL DEFICIENCIES (E40-E64) | | DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51) | | CEREBROVASCULAR DISEASE (I60-I69) | |
|----------------------|-----------------------------------|-------------|--|------------|---|--------------|---|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| PHILIPPINES | 9,749 | 13.0 | 2,847 | 3.8 | 58,635 | 78.4 | 19,996 | 26.8 |
| N.C.R. | 1,974 | 19.4 | 241 | 2.4 | 11,149 | 109.4 | 2,383 | 23.4 |
| City of Manila | 395 | 25.0 | 65 | 4.1 | 2,591 | 163.9 | 332 | 21.0 |
| Manila, 2nd District | 38 | 5.9 | 5 | 0.8 | 144 | 22.3 | 26 | 4.0 |
| Mandaluyong City | 74 | 25.2 | 6 | 2.0 | 329 | 112.2 | 109 | 37.2 |
| Marikina City | 114 | 28.6 | 16 | 4.0 | 355 | 89.2 | 105 | 26.4 |
| Pasig City | 107 | 20.6 | 20 | 3.8 | 620 | 119.2 | 245 | 47.1 |
| Quezon City | 384 | 18.2 | 37 | 1.8 | 2,499 | 118.3 | 573 | 27.1 |
| Manila, 3rd District | 127 | 20.4 | 11 | 1.8 | 661 | 105.9 | 137 | 22.0 |
| Kalookan City | 167 | 14.4 | 8 | 0.7 | 1,366 | 118.0 | 226 | 19.5 |
| Valenzuela City | 78 | 15.6 | 10 | 2.0 | 412 | 82.2 | 67 | 13.4 |
| Manila, 4th District | 245 | 24.2 | 34 | 3.4 | 1,016 | 100.4 | 241 | 23.8 |
| Makati City | 101 | 20.6 | 16 | 3.3 | 374 | 76.4 | 153 | 31.2 |
| Parañaque City | 84 | 19.1 | 9 | 2.0 | 433 | 98.4 | 83 | 18.9 |
| Pasay City | 60 | 14.3 | 4 | 1.0 | 349 | 83.4 | 86 | 20.6 |
| C.A.R. | 109 | 7.9 | 19 | 1.4 | 569 | 41.5 | 333 | 24.3 |
| Abra | 22 | 10.6 | 2 | 1.0 | 169 | 81.6 | 88 | 42.5 |
| Apayao | 2 | 2.2 | - | - | 28 | 30.7 | 13 | 14.3 |
| Benguet | 35 | 10.4 | 4 | 1.2 | 120 | 35.8 | 98 | 29.3 |
| Ifugao | 1 | 0.6 | 6 | 3.7 | 44 | 26.9 | 10 | 6.1 |
| Kalinga | 2 | 1.2 | 1 | 0.6 | 36 | 21.5 | 14 | 8.4 |
| Mountain Province | 4 | 2.9 | 3 | 2.1 | 60 | 42.8 | 35 | 25.0 |
| Baguio City | 43 | 16.0 | 3 | 1.1 | 112 | 41.7 | 75 | 27.9 |
| Region 1 | 539 | 13.2 | 226 | 5.5 | 4,344 | 106.6 | 1,972 | 48.4 |
| Ilocos Norte | 33 | 7.9 | 48 | 11.5 | 531 | 127.7 | 277 | 66.6 |
| Ilocos Sur | 59 | 10.3 | 59 | 10.3 | 548 | 95.5 | 394 | 68.6 |
| La Union | 53 | 9.8 | 17 | 3.1 | 610 | 112.4 | 260 | 47.9 |
| Pangasinan | 267 | 13.6 | 44 | 2.2 | 2,075 | 105.8 | 807 | 41.2 |
| Dagupan City | 48 | 35.8 | 9 | 6.7 | 184 | 137.4 | 63 | 47.0 |
| Laoag City | 11 | 11.7 | 6 | 6.4 | 104 | 110.8 | 50 | 53.2 |
| San Carlos City | 39 | 27.0 | 38 | 26.3 | 136 | 94.3 | 73 | 50.6 |
| San Fernando City | 18 | 17.9 | 3 | 3.0 | 76 | 75.7 | 26 | 25.9 |
| Urdaneta City | 11 | 10.0 | 2 | 1.8 | 80 | 73.1 | 22 | 20.1 |
| Region 2 | 149 | 5.4 | 83 | 3.0 | 1,951 | 70.8 | 677 | 24.6 |
| Batanes | 3 | 20.1 | 1 | 6.7 | 26 | 174.6 | 8 | 53.7 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DIABETES MELLITUS (E10-E14) | | NUTRITIONAL DEFICIENCIES (E40-E64) | | DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51) | | CEREBROVASCULAR DISEASE (I60-I69) | |
|----------------------|-----------------------------------|-------------|--|------------|---|-------------|---|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Cagayan | 34 | 3.5 | 19 | 2.0 | 690 | 71.8 | 280 | 29.1 |
| Isabela | 63 | 5.4 | 18 | 1.6 | 770 | 66.4 | 219 | 18.9 |
| Nueva Vizcaya | 24 | 6.6 | 3 | 0.8 | 292 | 79.8 | 102 | 27.9 |
| Quirino | 13 | 8.9 | 4 | 2.7 | 67 | 45.8 | 28 | 19.1 |
| Santiago City | 12 | 11.0 | 38 | 34.8 | 106 | 97.1 | 40 | 36.6 |
| Region 3 | 1,421 | 18.8 | 251 | 3.3 | 7,497 | 99.4 | 2,940 | 39.0 |
| Bataan | 118 | 22.0 | 30 | 5.6 | 391 | 72.8 | 107 | 19.9 |
| Bulacan | 356 | 18.1 | 42 | 2.1 | 2,234 | 113.5 | 877 | 44.6 |
| Nueva Ecija | 172 | 13.6 | 44 | 3.5 | 1,296 | 102.5 | 448 | 35.4 |
| Pampanga | 385 | 25.0 | 30 | 2.0 | 1,368 | 89.0 | 681 | 44.3 |
| Tarlac | 84 | 10.9 | 39 | 5.1 | 741 | 96.3 | 272 | 35.3 |
| Zambales | 59 | 13.9 | 14 | 3.3 | 385 | 90.7 | 145 | 34.2 |
| Angeles City | 74 | 29.6 | 9 | 3.6 | 233 | 93.3 | 90 | 36.0 |
| Cabanatuan City | 60 | 27.4 | 6 | 2.7 | 251 | 114.6 | 117 | 53.4 |
| Olongapo City | 49 | 26.7 | 6 | 3.3 | 153 | 83.3 | 42 | 22.9 |
| Palayan City | 3 | 9.6 | - | - | 30 | 95.6 | 9 | 28.7 |
| San Jose City | 21 | 19.8 | 9 | 8.5 | 124 | 117.2 | 37 | 35.0 |
| Tarlac City | 40 | 16.1 | 22 | 8.9 | 291 | 117.1 | 115 | 46.3 |
| Region 4 | 1,544 | 14.0 | 422 | 3.8 | 9,766 | 88.5 | 3,473 | 31.5 |
| Aurora | 16 | 9.0 | 9 | 5.1 | 99 | 55.8 | 19 | 10.7 |
| Batangas | 219 | 16.3 | 39 | 2.9 | 1,561 | 116.4 | 599 | 44.6 |
| Cavite | 262 | 15.8 | 50 | 3.0 | 1,356 | 81.8 | 392 | 23.6 |
| Laguna | 301 | 18.5 | 62 | 3.8 | 1,639 | 100.6 | 623 | 38.2 |
| Marinduque | 29 | 14.0 | 15 | 7.2 | 274 | 132.0 | 84 | 40.5 |
| Mindoro Occidental | 23 | 6.2 | 5 | 1.4 | 144 | 39.1 | 68 | 18.5 |
| Mindoro Oriental | 50 | 9.0 | 12 | 2.2 | 308 | 55.5 | 110 | 19.8 |
| Palawan | 34 | 6.0 | 12 | 2.1 | 149 | 26.4 | 47 | 8.3 |
| Quezon | 132 | 9.0 | 44 | 3.0 | 1,280 | 87.3 | 416 | 28.4 |
| Rizal | 145 | 13.0 | 33 | 3.0 | 1,053 | 94.4 | 396 | 35.5 |
| Romblon | 18 | 7.0 | 24 | 9.3 | 208 | 80.8 | 70 | 27.2 |
| Batangas City | 63 | 27.7 | 7 | 3.1 | 219 | 96.4 | 101 | 44.5 |
| Cavite City | 24 | 26.4 | 6 | 6.6 | 148 | 162.9 | 51 | 56.2 |
| Lipa City | 38 | 20.0 | 4 | 2.1 | 274 | 143.9 | 119 | 62.5 |
| Lucena City | 45 | 22.6 | 23 | 11.5 | 188 | 94.4 | 79 | 39.7 |
| Puerto Princesa City | 28 | 186.6 | 1 | 6.7 | 50 | 333.2 | 31 | 206.6 |
| San Pablo City | 38 | 19.3 | 25 | 12.7 | 279 | 141.5 | 91 | 46.1 |
| Tagaytay City | 3 | 9.5 | - | - | 30 | 95.2 | 13 | 41.2 |
| Trece Martires City | 5 | 22.6 | 9 | 40.7 | 24 | 108.6 | 18 | 81.4 |
| Calapan City | 18 | 16.9 | 1 | 0.9 | 64 | 60.1 | 41 | 38.5 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DIABETES MELLITUS (E10-E14) | | NUTRITIONAL DEFICIENCIES (E40-E64) | | DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51) | | CEREBROVASCULAR DISEASE (I60-I69) | |
|-------------------|-----------------------------------|-------------|--|------------|---|-------------|---|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Antipolo City | 53 | 10.9 | 41 | 8.5 | 419 | 86.5 | 105 | 21.7 |
| Region 5 | 444 | 9.5 | 194 | 4.2 | 3,880 | 83.2 | 1,284 | 27.5 |
| Albay | 94 | 10.1 | 38 | 4.1 | 799 | 86.0 | 217 | 23.4 |
| Camarines Norte | 47 | 9.7 | 26 | 5.3 | 452 | 92.8 | 139 | 28.5 |
| Camarines Sur | 108 | 8.1 | 55 | 4.1 | 904 | 67.5 | 299 | 22.3 |
| Catanduanes | 8 | 3.7 | 9 | 4.1 | 178 | 81.3 | 72 | 32.9 |
| Masbate | 41 | 6.0 | 17 | 2.5 | 322 | 47.1 | 118 | 17.2 |
| Sorsogon | 81 | 13.0 | 38 | 6.1 | 731 | 117.2 | 349 | 56.0 |
| Iriga City | 16 | 18.6 | - | - | 157 | 182.9 | 12 | 14.0 |
| Legaspi City | 29 | 18.4 | 5 | 3.2 | 141 | 89.2 | 42 | 26.6 |
| Naga City | 20 | 14.3 | 6 | 4.3 | 196 | 139.7 | 36 | 25.7 |
| Region 6 | 751 | 12.1 | 395 | 6.4 | 4,754 | 76.5 | 1,930 | 31.1 |
| Aklan | 45 | 10.2 | 56 | 12.7 | 358 | 81.3 | 148 | 33.6 |
| Antique | 49 | 10.6 | 28 | 6.0 | 275 | 59.4 | 238 | 51.4 |
| Capiz | 54 | 10.1 | 54 | 10.1 | 482 | 89.8 | 176 | 32.8 |
| Guimaras | 10 | 7.4 | 3 | 2.2 | 90 | 66.2 | 48 | 35.3 |
| Iloilo | 166 | 11.4 | 57 | 3.9 | 1,271 | 87.3 | 409 | 28.1 |
| Negros Occidental | 102 | 7.8 | 71 | 5.5 | 651 | 50.0 | 291 | 22.3 |
| Bacolod City | 112 | 25.0 | 29 | 6.5 | 486 | 108.6 | 155 | 34.6 |
| Bago City | 11 | 7.5 | 5 | 3.4 | 74 | 50.7 | 58 | 39.8 |
| Cadiz City | 7 | 5.4 | - | - | 100 | 77.8 | 29 | 22.6 |
| Iloilo City | 82 | 22.5 | 5 | 1.4 | 392 | 107.8 | 102 | 28.0 |
| La Carlota City | 13 | 22.1 | 18 | 30.5 | 43 | 73.0 | 40 | 67.9 |
| Roxas City | 27 | 20.3 | 8 | 6.0 | 135 | 101.5 | 40 | 30.1 |
| Sagay City | 7 | 5.1 | 14 | 10.3 | 59 | 43.3 | 36 | 26.4 |
| San Carlos City | 10 | 9.5 | 8 | 7.6 | 77 | 73.1 | 28 | 26.6 |
| Silay City | 24 | 17.4 | 35 | 25.4 | 64 | 46.4 | 34 | 24.7 |
| Passi City | 6 | 9.5 | 1 | 1.6 | 116 | 183.8 | 20 | 31.7 |
| Talisay City | 15 | 20.4 | 2 | 2.7 | 46 | 62.4 | 43 | 58.4 |
| Victorias City | 11 | 12.7 | 1 | 1.2 | 35 | 40.5 | 35 | 40.5 |
| Region 7 | 852 | 15.7 | 307 | 5.6 | 4,530 | 83.4 | 1,493 | 27.5 |
| Bohol | 134 | 13.5 | 59 | 6.0 | 945 | 95.3 | 238 | 24.0 |
| Cebu | 240 | 13.1 | 82 | 4.5 | 1,711 | 93.5 | 536 | 29.3 |
| Negros Oriental | 73 | 8.2 | 69 | 7.8 | 475 | 53.5 | 155 | 17.4 |
| Siquijor | 17 | 21.4 | 8 | 10.1 | 140 | 176.4 | 33 | 41.6 |
| Bais City | 7 | 10.5 | 2 | 3.0 | 45 | 67.4 | 17 | 25.5 |
| Canlaon City | 3 | 6.7 | 15 | 33.5 | 22 | 49.2 | 6 | 13.4 |
| Cebu City | 218 | 30.3 | 35 | 4.9 | 511 | 71.0 | 296 | 41.1 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DIABETES MELLITUS (E10-E14) | | NUTRITIONAL DEFICIENCIES (E40-E64) | | DISEASES OF THE HEART (I00-I09, I11, I13, I20-I51) | | CEREBROVASCULAR DISEASE (I60-I69) | |
|---------------------|-----------------------------|-------------|------------------------------------|------------|--|-------------|-----------------------------------|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Danao City | 15 | 17.2 | 3 | 3.4 | 103 | 118.1 | 44 | 50.4 |
| Dumaguete City | 42 | 40.9 | 7 | 6.8 | 131 | 127.4 | 34 | 33.1 |
| Lapu-Lapu City | 27 | 13.4 | 3 | 1.5 | 66 | 32.9 | 35 | 17.4 |
| Mandaue City | 41 | 19.5 | 6 | 2.9 | 140 | 66.6 | 59 | 28.1 |
| Tagbilaran City | 21 | 26.9 | 5 | 6.4 | 50 | 64.1 | 21 | 26.9 |
| Toledo City | 14 | 10.3 | 13 | 9.6 | 191 | 140.9 | 19 | 14.0 |
| Region 8 | 405 | 11.0 | 142 | 3.9 | 2,676 | 73.0 | 734 | 20.0 |
| Biliran | 13 | 9.0 | 7 | 4.8 | 47 | 32.5 | 30 | 20.8 |
| Leyte Del Norte | 171 | 13.1 | 55 | 4.2 | 1,044 | 80.3 | 264 | 20.3 |
| Leyte Del Sur | 49 | 14.2 | 38 | 11.0 | 360 | 104.0 | 142 | 41.0 |
| Eastern Samar | 34 | 8.7 | 7 | 1.8 | 159 | 40.8 | 44 | 11.3 |
| Northern Samar | 39 | 7.9 | 19 | 3.9 | 275 | 55.9 | 99 | 20.1 |
| Western Samar | 27 | 5.4 | 6 | 1.2 | 172 | 34.5 | 93 | 18.7 |
| Calbayog City | 12 | 8.5 | - | - | 68 | 48.2 | 7 | 5.0 |
| Ormoc City | 34 | 21.2 | 8 | 5.0 | 107 | 66.7 | 20 | 12.5 |
| Tacloban City | 26 | 13.3 | 2 | 1.0 | 444 | 227.0 | 35 | 17.9 |
| Region 9 | 266 | 8.6 | 72 | 2.3 | 1,282 | 41.6 | 410 | 13.3 |
| Basilan | 17 | 5.3 | 2 | 0.6 | 58 | 18.2 | 14 | 4.4 |
| Zamboanga Del Norte | 29 | 4.3 | 9 | 1.3 | 265 | 39.1 | 126 | 18.6 |
| Zamboanga Del Sur | 57 | 4.8 | 19 | 1.6 | 336 | 28.3 | 75 | 6.3 |
| Dapitan City | 2 | 2.9 | 1 | 1.5 | 57 | 83.8 | 33 | 48.5 |
| Dipolog City | 14 | 13.8 | 3 | 3.0 | 106 | 104.6 | 28 | 27.6 |
| Pagadian City | 23 | 16.1 | 1 | 0.7 | 38 | 26.5 | 14 | 9.8 |
| Zamboanga City | 124 | 21.2 | 37 | 6.3 | 422 | 72.3 | 120 | 20.6 |
| Region 10 | 326 | 12.0 | 164 | 6.0 | 1,434 | 52.8 | 467 | 17.2 |
| Bukidnon | 47 | 5.1 | 14 | 1.5 | 234 | 25.4 | 76 | 8.3 |
| Camiguin | 7 | 9.7 | - | - | 70 | 97.4 | 17 | 23.7 |
| Misamis Occidental | 35 | 13.1 | 25 | 9.4 | 192 | 71.8 | 71 | 26.6 |
| Misamis Oriental | 74 | 14.0 | 31 | 5.9 | 314 | 59.4 | 115 | 21.8 |
| Cagayan De Oro City | 91 | 18.7 | 65 | 13.4 | 276 | 56.7 | 107 | 22.0 |
| Gingoog City | 20 | 22.3 | 18 | 20.1 | 53 | 59.1 | 12 | 13.4 |
| Oroquieta City | 17 | 28.6 | 3 | 5.1 | 126 | 212.3 | 25 | 42.1 |
| Ozamis City | 18 | 16.3 | 3 | 2.7 | 100 | 90.8 | 29 | 26.3 |
| Tangub City | 8 | 16.6 | 2 | 4.2 | 41 | 85.3 | 5 | 10.4 |
| Malaybalay City | 9 | 6.8 | 3 | 2.3 | 28 | 21.2 | 10 | 7.6 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | DIABETES MELLITUS (E10-E14) | | NUTRITIONAL DEFICIENCIES (E40-E64) | | DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51) | | CEREBROVASCULAR DISEASE (I60-I69) | |
|---------------------------------|-----------------------------------|-------------|--|------------|---|-------------|---|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Region 11 | 545 | 10.7 | 194 | 3.8 | 2,697 | 52.8 | 1,114 | 21.8 |
| Cotabato South | 80 | 11.6 | 42 | 6.1 | 354 | 51.4 | 125 | 18.2 |
| Davao Oriental | 29 | 6.5 | 4 | 0.9 | 143 | 32.2 | 77 | 17.4 |
| Davao Del Norte | 61 | 1.5 | 27 | 0.7 | 165 | 4.1 | 68 | 1.7 |
| Davao Del Sur | 50 | 7.0 | 49 | 6.9 | 415 | 58.1 | 145 | 20.3 |
| Sarangani | 20 | 4.8 | 2 | 0.5 | 153 | 36.8 | 43 | 10.3 |
| Compostela Valley | 31 | 49.1 | 15 | 23.8 | 185 | 292.9 | 60 | 95.0 |
| Davao City | 203 | 18.1 | 21 | 1.9 | 998 | 89.0 | 453 | 40.4 |
| General Santos City (Dadiangas) | 34 | 8.6 | 11 | 2.8 | 165 | 41.8 | 47 | 11.9 |
| Island Garden City of Samal | 10 | 41.7 | 6 | 25.0 | 37 | 154.4 | 27 | 112.7 |
| Tagum City | 27 | 15.1 | 17 | 9.5 | 82 | 45.8 | 69 | 38.5 |
| Region 12 | 173 | 6.7 | 72 | 2.8 | 783 | 30.1 | 362 | 13.9 |
| Lanao Del Norte | 33 | 6.9 | 4 | 0.8 | 92 | 19.2 | 44 | 9.2 |
| North Cotabato | 46 | 5.4 | 3 | 0.4 | 210 | 24.6 | 103 | 12.1 |
| Sultan Kudarat | 34 | 5.9 | 34 | 5.9 | 134 | 23.2 | 45 | 7.8 |
| Cotabato City | 16 | 10.0 | 10 | 6.2 | 77 | 48.0 | 16 | 10.0 |
| Iligan City | 38 | 12.3 | 17 | 5.5 | 204 | 66.2 | 121 | 39.3 |
| Marawi City | 1 | 0.8 | - | - | 10 | 8.1 | 8 | 6.5 |
| Kidapawan City | 5 | 5.1 | 4 | 4.1 | 56 | 57.3 | 25 | 25.6 |
| A.R.M.M. | 31 | 1.4 | 8 | 0.4 | 172 | 8.0 | 46 | 2.1 |
| Lanao Del Sur | 5 | 0.8 | 1 | 0.2 | 19 | 3.1 | 14 | 2.3 |
| Maguindanao | 14 | 1.9 | 7 | 1.0 | 69 | 9.5 | 13 | 1.8 |
| Sulu | 10 | 1.8 | - | - | 70 | 12.8 | 13 | 2.4 |
| Tawi-Tawi | 2 | 0.8 | - | - | 14 | 5.3 | 6 | 2.3 |
| CARAGA | 215 | 10.1 | 57 | 2.7 | 1,123 | 52.6 | 373 | 17.5 |
| Agusan Del Norte | 36 | 12.5 | 6 | 2.1 | 244 | 85.0 | 63 | 21.9 |
| Agusan Del Sur | 17 | 2.8 | 17 | 2.8 | 116 | 19.4 | 44 | 7.4 |
| Surigao Del Norte | 39 | 10.9 | 18 | 5.0 | 197 | 55.0 | 61 | 17.0 |
| Surigao Del Sur | 44 | 8.7 | 15 | 3.0 | 259 | 51.0 | 87 | 17.1 |
| Butuan City | 52 | 19.3 | 1 | 0.4 | 222 | 82.6 | 94 | 35.0 |
| Surigao City | 27 | 23.3 | - | - | 85 | 73.5 | 24 | 20.7 |
| FOREIGN COUNTRY* | 5 | | - | | 28 | | 5 | |

*refers to the usual residence (which is outside Philippines), thus, rate cannot be computed

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | PNEUMONIA | | CHRONIC LOWER RESPIRATORY DISEASE | | GASTRIC, DUODENAL AND PEPTIC ULCER | | LIVER DISEASE | | ACUTE PANCREATITIS | |
|----------------------|---------------|-------------|---|-------------|--|-------------|----------------|------------|-----------------------|------------|
| | (J12-J18) | | (J40-J47) | | (K25-K28) | | (K70, K73-K74) | | (K85) | |
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| PHILIPPINES | 32,883 | 44.0 | 15,163 | 20.3 | 5,413 | 7.2 | 4,274 | 5.7 | 2,047 | 2.7 |
| N.C.R. | 4,561 | 44.7 | 1,984 | 19.5 | 325 | 3.2 | 641 | 6.3 | 526 | 5.2 |
| City of Manila | 1,528 | 96.7 | 412 | 26.1 | 74 | 4.7 | 192 | 12.1 | 61 | 3.9 |
| Manila, 2nd District | 28 | 4.3 | 23 | 3.6 | 4 | 0.6 | 16 | 2.5 | 8 | 1.2 |
| Mandaluyong City | 108 | 36.8 | 59 | 20.1 | 16 | 5.5 | 11 | 3.7 | 22 | 7.5 |
| Marikina City | 119 | 29.9 | 83 | 20.9 | 10 | 2.5 | 24 | 6.0 | 16 | 4.0 |
| Pasig City | 202 | 38.8 | 109 | 21.0 | 18 | 3.5 | 40 | 7.7 | 30 | 5.8 |
| Quezon City | 715 | 33.8 | 418 | 19.8 | 48 | 2.3 | 107 | 5.1 | 136 | 6.4 |
| Manila, 3rd District | 286 | 45.8 | 129 | 20.7 | 24 | 3.8 | 36 | 5.8 | 22 | 3.5 |
| Kalookan City | 587 | 50.7 | 172 | 14.9 | 36 | 3.1 | 34 | 2.9 | 42 | 3.6 |
| Valenzuela City | 170 | 33.9 | 58 | 11.6 | 16 | 3.2 | 26 | 5.2 | 22 | 4.4 |
| Manila, 4th District | 357 | 35.3 | 230 | 22.7 | 39 | 3.9 | 59 | 5.8 | 104 | 10.3 |
| Makati City | 116 | 23.7 | 114 | 23.3 | 19 | 3.9 | 38 | 7.8 | 27 | 5.5 |
| Parañaque City | 236 | 53.7 | 110 | 25.0 | 11 | 2.5 | 36 | 8.2 | 25 | 5.7 |
| Pasay City | 109 | 26.1 | 67 | 16.0 | 10 | 2.4 | 22 | 5.3 | 11 | 2.6 |
| C.A.R. | 530 | 38.6 | 218 | 15.9 | 131 | 9.5 | 48 | 3.5 | 16 | 1.2 |
| Abra | 209 | 101.0 | 68 | 32.8 | 37 | 17.9 | 9 | 4.3 | - | - |
| Apayao | 22 | 24.1 | 13 | 14.3 | 6 | 6.6 | 2 | 2.2 | 2 | 2.2 |
| Benguet | 108 | 32.2 | 32 | 9.6 | 27 | 8.1 | 12 | 3.6 | 4 | 1.2 |
| Ifugao | 31 | 19.0 | 24 | 14.7 | 13 | 8.0 | 5 | 3.1 | 4 | 2.4 |
| Kalinga | 29 | 17.3 | 14 | 8.4 | 12 | 7.2 | 2 | 1.2 | - | - |
| Mountain Province | 77 | 55.0 | 27 | 19.3 | 27 | 19.3 | 1 | 0.7 | 2 | 1.4 |
| Baguio City | 54 | 20.1 | 40 | 14.9 | 9 | 3.3 | 17 | 6.3 | 4 | 1.5 |
| Region 1 | 3,467 | 85.1 | 1,223 | 30.0 | 405 | 9.9 | 337 | 8.3 | 85 | 2.1 |
| Ilocos Norte | 334 | 80.3 | 157 | 37.8 | 50 | 12.0 | 56 | 13.5 | 5 | 1.2 |
| Ilocos Sur | 617 | 107.5 | 179 | 31.2 | 58 | 10.1 | 66 | 11.5 | 15 | 2.6 |
| La Union | 430 | 79.3 | 162 | 29.9 | 34 | 6.3 | 27 | 5.0 | 10 | 1.8 |
| Pangasinan | 1,446 | 73.7 | 549 | 28.0 | 202 | 10.3 | 123 | 6.3 | 44 | 2.2 |
| Dagupan City | 70 | 52.3 | 54 | 40.3 | 21 | 15.7 | 27 | 20.2 | 4 | 3.0 |
| Laoag City | 169 | 180.0 | 41 | 43.7 | 13 | 13.8 | 10 | 10.6 | - | - |
| San Carlos City | 73 | 50.6 | 36 | 24.9 | 22 | 15.2 | 4 | 2.8 | 4 | 2.8 |
| City of San Fernando | 182 | 181.3 | 26 | 25.9 | 2 | 2.0 | 17 | 16.9 | 2 | 2.0 |
| City of Urdaneta | 146 | 133.3 | 19 | 17.4 | 3 | 2.7 | 7 | 6.4 | 1 | 0.9 |
| Region 2 | 1,727 | 62.7 | 823 | 29.9 | 356 | 12.9 | 132 | 4.8 | 24 | 0.9 |
| Batanes | 10 | 67.2 | 4 | 26.9 | 5 | 33.6 | 3 | 20.1 | 1 | 6.7 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | PNEUMONIA | | CHRONIC LOWER RESPIRATORY DISEASE | | GASTRIC, DUODENAL AND PEPTIC ULCER | | LIVER DISEASE | | ACUTE PANCREATITIS | |
|----------------------|--------------|-------------|---|-------------|--|------------|----------------|------------|-----------------------|------------|
| | (J12-J18) | | (J40-J47) | | (K25-K28) | | (K70, K73-K74) | | (K85) | |
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Cagayan | 768 | 79.9 | 236 | 24.6 | 139 | 14.5 | 63 | 6.6 | 13 | 1.4 |
| Isabela | 647 | 55.8 | 360 | 31.0 | 151 | 13.0 | 40 | 3.4 | 5 | 0.4 |
| Nueva Vizcaya | 206 | 56.3 | 140 | 38.3 | 26 | 7.1 | 15 | 4.1 | 3 | 0.8 |
| Quirino | 74 | 50.5 | 39 | 26.6 | 25 | 17.1 | 7 | 4.8 | 1 | 0.7 |
| Santiago City | 22 | 20.2 | 44 | 40.3 | 10 | 9.2 | 4 | 3.7 | 1 | 0.9 |
| Region 3 | 2,558 | 33.9 | 2,276 | 30.2 | 424 | 5.6 | 310 | 4.1 | 241 | 3.2 |
| Bataan | 172 | 32.0 | 133 | 24.8 | 25 | 4.7 | 27 | 5.0 | 16 | 3.0 |
| Bulacan | 614 | 31.2 | 570 | 29.0 | 95 | 4.8 | 95 | 4.8 | 81 | 4.1 |
| Nueva Ecija | 559 | 44.2 | 402 | 31.8 | 86 | 6.8 | 36 | 2.8 | 34 | 2.7 |
| Pampanga | 271 | 17.6 | 444 | 28.9 | 55 | 3.6 | 43 | 2.8 | 43 | 2.8 |
| Tarlac | 336 | 43.6 | 295 | 38.3 | 54 | 7.0 | 30 | 3.9 | 22 | 2.9 |
| Zambales | 212 | 49.9 | 162 | 38.2 | 42 | 9.9 | 22 | 5.2 | 10 | 2.4 |
| Angeles City | 60 | 24.0 | 58 | 23.2 | 9 | 3.6 | 12 | 4.8 | 2 | 0.8 |
| Cabanatuan City | 137 | 62.5 | 64 | 29.2 | 26 | 11.9 | 6 | 2.7 | 13 | 5.9 |
| Olongapo City | 46 | 25.1 | 45 | 24.5 | 6 | 3.3 | 18 | 9.8 | 7 | 3.8 |
| Palayan City | 9 | 28.7 | 6 | 19.1 | 1 | 3.2 | - | - | 1 | 3.2 |
| San Jose City | 74 | 69.9 | 39 | 36.9 | 12 | 11.3 | 11 | 10.4 | 3 | 2.8 |
| Tarlac City | 68 | 27.4 | 58 | 23.3 | 13 | 5.2 | 10 | 4.0 | 9 | 3.6 |
| Region 4 | 3,836 | 34.7 | 2,800 | 25.4 | 613 | 5.6 | 563 | 5.1 | 399 | 3.6 |
| Aurora | 36 | 20.3 | 44 | 24.8 | 21 | 11.8 | 9 | 5.1 | 6 | 3.4 |
| Batangas | 613 | 45.7 | 383 | 28.5 | 65 | 4.8 | 76 | 5.7 | 49 | 3.7 |
| Cavite | 757 | 45.7 | 454 | 27.4 | 56 | 3.4 | 85 | 5.1 | 76 | 4.6 |
| Laguna | 474 | 29.1 | 370 | 22.7 | 63 | 3.9 | 79 | 4.8 | 58 | 3.6 |
| Marinduque | 63 | 30.3 | 110 | 53.0 | 33 | 15.9 | 17 | 8.2 | 8 | 3.9 |
| Mindoro Occidental | 102 | 27.7 | 61 | 16.6 | 17 | 4.6 | 7 | 1.9 | 2 | 0.5 |
| Mindoro Oriental | 113 | 20.4 | 124 | 22.4 | 30 | 5.4 | 40 | 7.2 | 11 | 2.0 |
| Palawan | 86 | 15.2 | 54 | 9.6 | 33 | 5.8 | 9 | 1.6 | 10 | 1.8 |
| Quezon | 561 | 38.3 | 376 | 25.7 | 127 | 8.7 | 72 | 4.9 | 37 | 2.5 |
| Rizal | 358 | 32.1 | 248 | 22.2 | 31 | 2.8 | 50 | 4.5 | 46 | 4.1 |
| Romblon | 96 | 37.3 | 51 | 19.8 | 44 | 17.1 | 19 | 7.4 | 5 | 1.9 |
| Batangas City | 36 | 15.9 | 56 | 24.7 | 12 | 5.3 | 10 | 4.4 | 4 | 1.8 |
| Cavite City | 60 | 66.1 | 47 | 51.7 | 9 | 9.9 | 7 | 7.7 | 3 | 3.3 |
| Lipa City | 78 | 41.0 | 94 | 49.4 | 15 | 7.9 | 18 | 9.5 | 6 | 3.2 |
| Lucena City | 41 | 20.6 | 40 | 20.1 | 3 | 1.5 | 18 | 9.0 | 3 | 1.5 |
| Puerto Princesa City | 21 | 140.0 | 25 | 166.6 | 10 | 66.6 | 3 | 20.0 | 9 | 60.0 |
| San Pablo City | 53 | 26.9 | 139 | 70.5 | 12 | 6.1 | 12 | 6.1 | 13 | 6.6 |
| Tagaytay City | 7 | 22.2 | 12 | 38.1 | 2 | 6.3 | 2 | 6.3 | - | - |
| Trece Martires City | 41 | 185.5 | 13 | 58.8 | 1 | 4.5 | 1 | 4.5 | 4 | 18.1 |
| Calapan City | 17 | 16.0 | 32 | 30.0 | 8 | 7.5 | 12 | 11.3 | 3 | 2.8 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | PNEUMONIA | | CHRONIC LOWER RESPIRATORY DISEASE | | GASTRIC, DUODENAL AND PEPTIC ULCER | | LIVER DISEASE | | ACUTE PANCREATITIS | |
|-------------------|--------------|-------------|---|-------------|--|-------------|----------------|-------------|-----------------------|------------|
| | (J12-J18) | | (J40-J47) | | (K25-K28) | | (K70, K73-K74) | | (K85) | |
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Antipolo City | 223 | 46.0 | 67 | 13.8 | 21 | 4.3 | 17 | 3.5 | 46 | 9.5 |
| Region 5 | 2,624 | 56.2 | 1,010 | 21.6 | 382 | 8.2 | 298 | 6.4 | 68 | 1.5 |
| Albay | 712 | 76.7 | 211 | 22.7 | 70 | 7.5 | 60 | 6.5 | 6 | 0.6 |
| Camarines Norte | 278 | 57.1 | 118 | 24.2 | 37 | 7.6 | 32 | 6.6 | 8 | 1.6 |
| Camarines Sur | 784 | 58.5 | 240 | 17.9 | 110 | 8.2 | 59 | 4.4 | 14 | 1.0 |
| Catanduanes | 130 | 59.4 | 73 | 33.4 | 38 | 17.4 | 13 | 5.9 | 6 | 2.7 |
| Masbate | 188 | 27.5 | 69 | 10.1 | 44 | 6.4 | 45 | 6.6 | 8 | 1.2 |
| Sorsogon | 341 | 54.7 | 194 | 31.1 | 57 | 9.1 | 61 | 9.8 | 13 | 2.1 |
| Iriga City | 32 | 37.3 | 31 | 36.1 | 11 | 12.8 | 8 | 9.3 | 4 | 4.7 |
| Legaspi City | 108 | 68.3 | 42 | 26.6 | 10 | 6.3 | 11 | 7.0 | 7 | 4.4 |
| Naga City | 51 | 36.4 | 32 | 22.8 | 5 | 3.6 | 9 | 6.4 | 2 | 1.4 |
| Region 6 | 4,760 | 76.6 | 1,318 | 21.2 | 538 | 8.7 | 524 | 8.4 | 193 | 3.1 |
| Aklan | 355 | 80.7 | 134 | 30.4 | 65 | 14.8 | 23 | 5.2 | 12 | 2.7 |
| Antique | 691 | 149.2 | 94 | 20.3 | 60 | 13.0 | 42 | 9.1 | 16 | 3.5 |
| Capiz | 412 | 76.7 | 143 | 26.6 | 58 | 10.8 | 26 | 4.8 | 18 | 3.4 |
| Guimaras | 36 | 26.5 | 13 | 9.6 | 8 | 5.9 | 3 | 2.2 | 3 | 2.2 |
| Iloilo | 1,741 | 119.6 | 292 | 20.1 | 106 | 7.3 | 99 | 6.8 | 56 | 3.8 |
| Negros Occidental | 557 | 42.8 | 245 | 18.8 | 110 | 8.4 | 129 | 9.9 | 24 | 1.8 |
| Bacolod City | 147 | 32.8 | 73 | 16.3 | 23 | 5.1 | 53 | 11.8 | 15 | 3.4 |
| Bago City | 70 | 48.0 | 34 | 23.3 | 7 | 4.8 | 24 | 16.5 | 4 | 2.7 |
| Cadiz City | 41 | 31.9 | 42 | 32.7 | 15 | 11.7 | 17 | 13.2 | 6 | 4.7 |
| Iloilo City | 306 | 84.1 | 92 | 25.3 | 17 | 4.7 | 24 | 6.6 | 21 | 5.8 |
| La Carlota City | 42 | 71.3 | 17 | 28.8 | 7 | 11.9 | 8 | 13.6 | 1 | 1.7 |
| Roxas City | 39 | 29.3 | 30 | 22.5 | 5 | 3.8 | 14 | 10.5 | 6 | 4.5 |
| Sagay City | 46 | 33.8 | 15 | 11.0 | 22 | 16.1 | 10 | 7.3 | 5 | 3.7 |
| San Carlos City | 68 | 64.6 | 29 | 27.5 | 11 | 10.4 | 17 | 16.1 | 1 | 0.9 |
| Silay City | 44 | 31.9 | 15 | 10.9 | 7 | 5.1 | 7 | 5.1 | 1 | 0.7 |
| Passi City | 46 | 72.9 | 19 | 30.1 | 5 | 7.9 | 5 | 7.9 | 2 | 3.2 |
| Talisay City | 29 | 39.4 | 13 | 17.6 | 8 | 10.9 | 17 | 23.1 | 2 | 2.7 |
| Victorias City | 90 | 104.2 | 18 | 20.8 | 4 | 4.6 | 6 | 6.9 | - | - |
| Region 7 | 3,135 | 57.7 | 1,116 | 20.5 | 706 | 13.0 | 560 | 10.3 | 122 | 2.2 |
| Bohol | 649 | 65.5 | 199 | 20.1 | 184 | 18.6 | 83 | 8.4 | 10 | 1.0 |
| Cebu | 959 | 52.4 | 381 | 20.8 | 279 | 15.2 | 201 | 11.0 | 45 | 2.5 |
| Negros Oriental | 405 | 45.6 | 109 | 12.3 | 88 | 9.9 | 56 | 6.3 | 3 | 0.3 |
| Siquijor | 63 | 79.4 | 10 | 12.6 | 13 | 16.4 | 11 | 13.9 | 1 | 1.3 |
| Bais City | 27 | 40.5 | 9 | 13.5 | 11 | 16.5 | 2 | 3.0 | 1 | 1.5 |
| Canlaon City | 17 | 38.0 | 8 | 17.9 | 4 | 8.9 | 4 | 8.9 | - | - |
| Cebu City | 471 | 65.4 | 206 | 28.6 | 60 | 8.3 | 92 | 12.8 | 35 | 4.9 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | PNEUMONIA | | CHRONIC LOWER | | GASTRIC, DUODENAL AND PEPTIC ULCER | | LIVER DISEASE | | ACUTE PANCREATITIS | |
|---------------------|--------------|-------------|-------------------------------------|-------------|--|-------------|----------------|------------|-----------------------|------------|
| | (J12-J18) | | RESPIRATORY DISEASE (J40-J47) | | (K25-K28) | | (K70, K73-K74) | | (K85) | |
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Danao City | 44 | 50.4 | 29 | 33.2 | 3 | 3.4 | 9 | 10.3 | 2 | 2.3 |
| Dumaguete City | 37 | 36.0 | 32 | 31.1 | 5 | 4.9 | 18 | 17.5 | 2 | 1.9 |
| Lapu-Lapu City | 292 | 145.4 | 59 | 29.4 | 13 | 6.5 | 42 | 20.9 | 11 | 5.5 |
| Mandaue City | 72 | 34.3 | 46 | 21.9 | 15 | 7.1 | 25 | 11.9 | 7 | 3.3 |
| Tagbilaran City | 33 | 42.3 | 12 | 15.4 | 14 | 17.9 | 9 | 11.5 | 2 | 2.6 |
| Toledo City | 66 | 48.7 | 16 | 11.8 | 17 | 12.5 | 8 | 5.9 | 3 | 2.2 |
| Region 8 | 1,872 | 51.0 | 580 | 15.8 | 422 | 11.5 | 201 | 5.5 | 39 | 1.1 |
| Biliran | 77 | 53.3 | 20 | 13.8 | 24 | 16.6 | 5 | 3.5 | - | - |
| Leyte Del Norte | 810 | 62.3 | 222 | 17.1 | 178 | 13.7 | 89 | 6.8 | 13 | 1.0 |
| Leyte Del Sur | 259 | 74.8 | 87 | 25.1 | 79 | 22.8 | 23 | 6.6 | 5 | 1.4 |
| Eastern Samar | 109 | 28.0 | 43 | 11.0 | 24 | 6.2 | 11 | 2.8 | 2 | 0.5 |
| Northern Samar | 214 | 43.5 | 72 | 14.6 | 35 | 7.1 | 23 | 4.7 | 8 | 1.6 |
| Western Samar | 99 | 19.9 | 53 | 10.6 | 30 | 6.0 | 17 | 3.4 | 3 | 0.6 |
| Calbayog City | 64 | 45.3 | 40 | 28.3 | 14 | 9.9 | 11 | 7.8 | 4 | 2.8 |
| Ormoc City | 93 | 57.9 | 25 | 15.6 | 24 | 15.0 | 10 | 6.2 | 1 | 0.6 |
| Tacloban City | 147 | 75.2 | 18 | 9.2 | 14 | 7.2 | 12 | 6.1 | 3 | 1.5 |
| Region 9 | 658 | 21.4 | 358 | 11.6 | 222 | 7.2 | 123 | 4.0 | 36 | 4.2 |
| Basilan | 20 | 6.3 | 13 | 4.1 | 11 | 3.5 | 10 | 3.1 | 1 | 0.3 |
| Zamboanga Del Norte | 144 | 21.3 | 72 | 10.6 | 53 | 7.8 | 31 | 4.6 | 3 | 0.4 |
| Zamboanga Del Sur | 221 | 18.6 | 94 | 7.9 | 87 | 7.3 | 36 | 3.0 | 12 | 1.0 |
| Dapitan City | 36 | 53.0 | 6 | 8.8 | 7 | 10.3 | 2 | 2.9 | 1 | 1.5 |
| Dipolog City | 52 | 51.3 | 28 | 27.6 | 15 | 14.8 | 4 | 3.9 | 3 | 3.0 |
| Pagadian City | 64 | 44.7 | 23 | 16.1 | 10 | 7.0 | 3 | 2.1 | 6 | 4.2 |
| Zamboanga City | 121 | 20.7 | 122 | 20.9 | 39 | 6.7 | 37 | 6.3 | 10 | 1.7 |
| Region 10 | 916 | 33.7 | 350 | 12.9 | 230 | 8.5 | 135 | 5.0 | 60 | 2.2 |
| Bukidnon | 194 | 21.1 | 52 | 5.6 | 40 | 4.3 | 21 | 2.3 | 13 | 1.4 |
| Camiguin | 49 | 68.2 | 12 | 16.7 | 18 | 25.1 | 4 | 5.6 | 2 | 2.8 |
| Misamis Occidental | 205 | 76.7 | 56 | 21.0 | 45 | 16.8 | 19 | 7.1 | 3 | 1.1 |
| Misamis Oriental | 225 | 42.6 | 89 | 16.8 | 52 | 9.8 | 31 | 5.9 | 8 | 1.5 |
| Cagayan De Oro City | 94 | 19.3 | 66 | 13.6 | 26 | 5.3 | 35 | 7.2 | 22 | 4.5 |
| Gingoog City | 55 | 61.3 | 21 | 23.4 | 15 | 16.7 | 4 | 4.5 | 1 | 1.1 |
| Oroquieta City | 18 | 30.3 | 18 | 30.3 | 13 | 21.9 | 6 | 10.1 | - | - |
| Ozamis City | 51 | 46.3 | 19 | 17.2 | 12 | 10.9 | 8 | 7.3 | 8 | 7.3 |
| Tangub City | 20 | 41.6 | 10 | 20.8 | 6 | 12.5 | 7 | 14.6 | - | - |
| Malaybalay City | 5 | 3.8 | 7 | 5.3 | 3 | 2.3 | - | - | 3 | 2.3 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | PNEUMONIA (J12-J18) | | CHRONIC LOWER RESPIRATORY DISEASE (J40-J47) | | GASTRIC, DUODENAL AND PEPTIC ULCER (K25-K28) | | LIVER DISEASE (K70, K73-K74) | | ACUTE PANCREATITIS (K85) | |
|---------------------------------|------------------------|-------------|--|-------------|---|------------|---------------------------------|------------|--------------------------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Region 11 | 1,235 | 24.2 | 529 | 10.4 | 320 | 6.3 | 179 | 3.5 | 134 | 2.6 |
| Cotabato South | 185 | 26.9 | 111 | 16.1 | 51 | 7.4 | 19 | 2.8 | 19 | 2.4 |
| Davao Oriental | 109 | 24.6 | 35 | 7.9 | 31 | 7.0 | 22 | 5.0 | 12 | 2.7 |
| Davao Del Norte | 103 | 2.5 | 41 | 1.0 | 39 | 1.0 | 17 | 0.4 | 18 | 0.4 |
| Davao Del Sur | 160 | 22.4 | 82 | 11.5 | 51 | 7.1 | 19 | 2.7 | 9 | 1.5 |
| Sarangani | 35 | 8.4 | 24 | 5.8 | 23 | 5.5 | 7 | 1.7 | 5 | 1.2 |
| Compostela Valley | 138 | 218.5 | 32 | 50.7 | 29 | 45.9 | 23 | 36.4 | 4 | 6.5 |
| Davao City | 301 | 26.8 | 131 | 11.7 | 53 | 4.7 | 47 | 4.2 | 46 | 4.1 |
| General Santos City (Dadiangas) | 101 | 25.6 | 47 | 11.9 | 19 | 4.8 | 14 | 3.6 | 13 | 3.1 |
| Island Garden City of Samal | 31 | 129.4 | 6 | 25.0 | 11 | 45.9 | 2 | 8.3 | - | - |
| Tagum City | 72 | 40.2 | 20 | 11.2 | 13 | 7.3 | 9 | 5.0 | 8 | 4.5 |
| Region 12 | 391 | 15.0 | 272 | 10.5 | 150 | 5.8 | 101 | 3.9 | 60 | 2.3 |
| Lanao Del Norte | 44 | 9.2 | 36 | 7.5 | 38 | 7.9 | 21 | 4.4 | 2 | 0.4 |
| North Cotabato | 119 | 14.0 | 89 | 10.4 | 52 | 6.1 | 31 | 3.6 | 16 | 1.9 |
| Sultan Kudarat | 101 | 17.5 | 60 | 10.4 | 35 | 6.1 | 11 | 1.9 | 22 | 3.8 |
| Cotabato City | 17 | 10.6 | 23 | 14.3 | 5 | 3.1 | 7 | 4.4 | 2 | 1.2 |
| Iligan City | 92 | 29.9 | 49 | 15.9 | 15 | 4.9 | 25 | 8.1 | 13 | 4.2 |
| Marawi City | 1 | 0.8 | 4 | 3.2 | 3 | 2.4 | 2 | 1.6 | - | - |
| Kidapawan City | 17 | 17.4 | 11 | 11.3 | 2 | 2.0 | 4 | 4.1 | 5 | 5.1 |
| A.R.M.M. | 30 | 1.4 | 43 | 2.0 | 15 | 0.7 | 8 | 0.4 | 8 | 0.4 |
| Lanao Del Sur | 6 | 1.0 | 7 | 1.1 | 2 | 0.3 | 1 | 0.2 | - | - |
| Maguindanao | 15 | 2.1 | 18 | 2.5 | 8 | 1.1 | 2 | 0.3 | 6 | 0.8 |
| Sulu | 5 | 0.9 | 11 | 2.0 | 5 | 0.9 | 3 | 0.5 | 1 | 0.2 |
| Tawi-Tawi | 4 | 1.5 | 7 | 2.7 | - | - | 2 | 0.8 | 1 | 0.4 |
| CARAGA | 581 | 27.2 | 258 | 12.1 | 173 | 8.1 | 109 | 5.1 | 36 | 1.7 |
| Agusan Del Norte | 86 | 29.9 | 26 | 9.1 | 20 | 7.0 | 19 | 6.6 | - | - |
| Agusan Del Sur | 49 | 8.2 | 45 | 7.5 | 31 | 5.2 | 21 | 3.5 | 6 | 1.2 |
| Surigao Del Norte | 100 | 27.9 | 43 | 12.0 | 34 | 9.5 | 16 | 4.5 | 5 | 1.4 |
| Surigao Del Sur | 128 | 25.2 | 84 | 16.5 | 49 | 9.7 | 25 | 4.9 | 13 | 2.3 |
| Butuan City | 196 | 72.9 | 38 | 14.1 | 27 | 10.0 | 22 | 8.2 | 10 | 3.7 |
| Surigao City | 22 | 19.0 | 22 | 19.0 | 12 | 10.4 | 6 | 5.2 | 2 | 1.7 |
| FOREIGN COUNTRY* | 2 | | 5 | | 1 | | 5 | | - | |

*refers to the usual residence (which is outside Philippines), thus, rate cannot be computed

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07, N17-N19, N25-N27) | | CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P99) | | CONGENITAL ANOMALIES (Q00-Q99) | |
|----------------------|--|-------------|---|-------------|--------------------------------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE |
| PHILIPPINES | 7,544 | 10.1 | 12,800 | 17.1 | 4,406 | 5.9 |
| N.C.R. | 958 | 9.4 | 4,243 | 41.6 | 935 | 9.2 |
| City of Manila | 192 | 12.1 | 2,684 | 169.8 | 308 | 19.5 |
| Manila, 2nd District | 13 | 2.0 | 42 | 6.5 | 9 | 1.4 |
| Mandaluyong City | 26 | 8.9 | 48 | 16.4 | 22 | 7.5 |
| Marikina City | 39 | 9.8 | 76 | 19.1 | 31 | 7.8 |
| Pasig City | 43 | 8.3 | 203 | 39.0 | 65 | 12.5 |
| Quezon City | 214 | 10.1 | 591 | 28.0 | 278 | 13.2 |
| Manila, 3rd District | 58 | 9.3 | 29 | 4.6 | 14 | 2.2 |
| Kalookan City | 95 | 8.2 | 112 | 9.7 | 34 | 2.9 |
| Valenzuela City | 27 | 5.4 | 72 | 14.4 | 17 | 3.4 |
| Manila, 4th District | 113 | 11.2 | 159 | 15.7 | 77 | 7.6 |
| Makati City | 52 | 10.6 | 67 | 13.7 | 35 | 7.1 |
| Parañaque City | 49 | 11.1 | 98 | 22.3 | 19 | 4.3 |
| Pasay City | 37 | 8.8 | 62 | 14.8 | 26 | 6.2 |
| C.A.R. | 138 | 10.1 | 205 | 14.9 | 63 | 4.6 |
| Abra | 17 | 8.2 | 21 | 10.1 | 10 | 4.8 |
| Apayao | 9 | 9.9 | 6 | 6.6 | 4 | 4.4 |
| Banguet | 45 | 13.4 | 60 | 17.9 | 8 | 2.4 |
| Ifugao | 7 | 4.3 | 31 | 19.0 | 6 | 3.7 |
| Kalinga | 11 | 6.6 | 4 | 2.4 | 4 | 2.4 |
| Mountain Province | 15 | 10.7 | 21 | 15.0 | 10 | 7.1 |
| Baguio City | 34 | 12.7 | 62 | 23.1 | 21 | 7.8 |
| Region 1 | 394 | 9.7 | 949 | 23.3 | 313 | 7.7 |
| Ilocos Norte | 42 | 10.1 | 75 | 18.0 | 41 | 9.9 |
| Ilocos Sur | 43 | 7.5 | 96 | 16.7 | 39 | 6.8 |
| La Union | 58 | 10.7 | 89 | 16.4 | 36 | 6.6 |
| Pangasinan | 180 | 9.2 | 319 | 16.3 | 119 | 6.1 |
| Dagupan City | 26 | 19.4 | 163 | 121.7 | 27 | 20.2 |
| Laoag City | 13 | 13.8 | 42 | 44.7 | 13 | 13.8 |
| San Carlos City | 19 | 13.2 | 59 | 40.9 | 10 | 6.9 |
| Fernando City | 7 | 7.0 | 80 | 79.7 | 25 | 24.9 |
| Urdaneta City | 6 | 5.5 | 26 | 23.7 | 3 | 2.7 |
| Region 2 | 260 | 9.4 | 324 | 11.8 | 139 | 5.0 |
| Batanes | 1 | 6.7 | 11 | 73.9 | 1 | 6.7 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07, N17-N19, N25-N27) | | CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P99) | | CONGENITAL ANOMALIES (Q00-Q99) | |
|----------------------|--|-------------|---|-------------|--------------------------------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE |
| Cagayan | 88 | 9.2 | 130 | 13.5 | 55 | 5.7 |
| Isabela | 108 | 9.3 | 99 | 8.5 | 35 | 3.0 |
| Neva Vizcaya | 28 | 7.7 | 51 | 13.9 | 22 | 6.0 |
| Quirino | 20 | 13.7 | 8 | 5.5 | 7 | 4.8 |
| Santiago City | 15 | 13.7 | 25 | 22.9 | 19 | 17.4 |
| Region 3 | 867 | 11.5 | 1,195 | 15.9 | 509 | 6.8 |
| Bataan | 86 | 16.0 | 90 | 16.8 | 38 | 7.1 |
| Bulacan | 209 | 10.6 | 396 | 20.1 | 144 | 7.3 |
| Nueva Ecija | 126 | 10.0 | 119 | 9.4 | 68 | 5.4 |
| Pampanga | 188 | 12.2 | 153 | 9.9 | 102 | 6.6 |
| Tarlac | 76 | 9.9 | 101 | 13.1 | 38 | 4.9 |
| Zambales | 46 | 10.8 | 62 | 14.6 | 36 | 8.5 |
| Angeles City | 49 | 19.6 | 60 | 24.0 | 12 | 4.8 |
| Cabanatuan City | 30 | 13.7 | 56 | 25.6 | 22 | 10.0 |
| Olongapo City | 19 | 10.3 | 37 | 20.2 | 13 | 7.1 |
| Palayan City | 3 | 9.6 | 2 | 6.4 | 4 | 12.7 |
| San Jose City | 7 | 6.6 | 21 | 19.8 | 15 | 14.2 |
| Tarlac City | 28 | 11.3 | 98 | 39.4 | 17 | 6.8 |
| Region 4 | 1,213 | 11.0 | 2,064 | 18.7 | 816 | 7.4 |
| Aurora | 15 | 8.5 | 33 | 18.6 | 14 | 7.9 |
| Batangas | 185 | 13.8 | 221 | 16.5 | 124 | 9.2 |
| Cavite | 204 | 12.3 | 249 | 15.0 | 102 | 6.2 |
| Laguna | 224 | 13.8 | 356 | 21.9 | 89 | 5.5 |
| Marinduque | 39 | 18.8 | 55 | 26.5 | 25 | 12.0 |
| Mindoro Occidental | 18 | 4.9 | 36 | 9.8 | 10 | 2.7 |
| Mindoro Oriental | 22 | 4.0 | 65 | 11.7 | 34 | 6.1 |
| Palawan | 27 | 4.8 | 50 | 8.8 | 11 | 1.9 |
| Quezon | 158 | 10.8 | 258 | 17.6 | 126 | 8.6 |
| Rizal | 88 | 7.9 | 170 | 15.2 | 62 | 5.6 |
| Romblon | 19 | 7.4 | 59 | 22.9 | 24 | 9.3 |
| Batangas City | 35 | 15.4 | 85 | 37.4 | 35 | 15.4 |
| Cavite City | 10 | 11.0 | 37 | 40.7 | 7 | 7.7 |
| Lipa City | 35 | 18.4 | 49 | 25.7 | 30 | 15.8 |
| Lucena City | 20 | 10.0 | 120 | 60.2 | 37 | 18.6 |
| Puerto Princesa City | 16 | 106.6 | 25 | 166.6 | 19 | 126.6 |
| San Pablo City | 31 | 15.7 | 59 | 29.9 | 19 | 9.6 |
| Tagaytay City | 2 | 6.3 | 5 | 15.9 | 4 | 12.7 |
| Trece Martires City | 8 | 36.2 | 71 | 321.2 | 7 | 31.7 |
| Calapan City | 16 | 15.0 | 32 | 30.0 | 17 | 16.0 |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07, N17-N19, N25-N27) | | CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P99) | | CONGENITAL ANOMALIES (Q00-Q99) | |
|-------------------|--|-------------|---|-------------|--------------------------------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE |
| Antipolo City | 41 | 8.5 | 29 | 6.0 | 20 | 4.1 |
| Region 5 | 417 | 8.9 | 647 | 13.9 | 277 | 5.9 |
| Albay | 87 | 9.4 | 135 | 14.5 | 50 | 5.4 |
| Camarines Norte | 30 | 6.2 | 134 | 27.5 | 46 | 9.4 |
| Camarines Sur | 140 | 10.5 | 120 | 9.0 | 53 | 4.0 |
| Catanduanes | 18 | 8.2 | 45 | 20.6 | 13 | 5.9 |
| Masbate | 34 | 5.0 | 43 | 6.3 | 27 | 3.9 |
| Sorsogon | 66 | 10.6 | 82 | 13.1 | 45 | 7.2 |
| Iriga City | 12 | 14.0 | 6 | 7.0 | 8 | 9.3 |
| Legaspi City | 16 | 10.1 | 32 | 20.3 | 16 | 10.1 |
| Naga City | 14 | 10.0 | 50 | 35.6 | 19 | 13.5 |
| Region 6 | 774 | 12.5 | 785 | 12.6 | 306 | 4.9 |
| Aklan | 50 | 11.4 | 51 | 11.6 | 34 | 7.7 |
| Antique | 49 | 10.6 | 81 | 17.5 | 20 | 4.3 |
| Capiz | 46 | 8.6 | 65 | 12.1 | 28 | 5.2 |
| Guimaras | 8 | 5.9 | 4 | 2.9 | 2 | 1.5 |
| Iloilo | 210 | 14.4 | 141 | 9.7 | 63 | 4.3 |
| Negros Occidental | 142 | 10.9 | 84 | 6.4 | 44 | 3.4 |
| Bacolod City | 80 | 17.9 | 101 | 22.6 | 31 | 6.9 |
| Bago City | 29 | 19.9 | 12 | 8.2 | 3 | 2.1 |
| Cadiz City | 11 | 8.6 | 3 | 2.3 | 4 | 3.1 |
| Iloilo City | 54 | 14.8 | 104 | 28.6 | 27 | 7.4 |
| La Carlota City | 14 | 23.8 | 6 | 10.2 | 8 | 13.6 |
| Roxas City | 26 | 19.5 | 34 | 25.6 | 16 | 12.0 |
| Sagay City | 13 | 9.5 | 18 | 13.2 | 5 | 3.7 |
| San Carlos City | 8 | 7.6 | 14 | 13.3 | 7 | 6.6 |
| Silay City | 18 | 13.1 | 53 | 38.4 | 10 | 7.3 |
| Passi City | 1 | 1.6 | 3 | 4.8 | 1 | 1.6 |
| Talisay City | 4 | 5.4 | 3 | 4.1 | 2 | 2.7 |
| Victorias City | 11 | 12.7 | 8 | 9.3 | 1 | 1.2 |
| Region 7 | 705 | 13.0 | 848 | 15.6 | 424 | 7.8 |
| Bohol | 177 | 17.9 | 162 | 16.3 | 48 | 4.8 |
| Cebu | 244 | 13.3 | 230 | 12.6 | 139 | 7.6 |
| Negros Oriental | 61 | 6.9 | 34 | 3.8 | 17 | 1.9 |
| Siquijor | 25 | 31.5 | 7 | 8.8 | 2 | 2.5 |
| Bais City | 4 | 6.0 | 6 | 9.0 | 1 | 1.5 |
| Canlaon City | 9 | 20.1 | 9 | 20.1 | 3 | 6.7 |
| Cebu City | 78 | 10.8 | 231 | 32.1 | 131 | 18.2 |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07, N17-N19, N25-N27) | | CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P99) | | CONGENITAL ANOMALIES (Q00-Q99) | |
|---------------------|--|-------------|---|-------------|--------------------------------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE |
| Danao City | 23 | 26.4 | 17 | 19.5 | 10 | 11.5 |
| Dumaguete City | 11 | 10.7 | 48 | 46.7 | 16 | 15.6 |
| Lapu-Lapu City | 15 | 7.5 | 48 | 23.9 | 31 | 15.4 |
| Mandaue City | 28 | 13.3 | 23 | 10.9 | 16 | 7.6 |
| Tagbilaran City | 15 | 19.2 | 24 | 30.8 | 5 | 6.4 |
| Toledo City | 15 | 11.1 | 9 | 6.6 | 5 | 3.7 |
| Region 8 | 353 | 9.6 | 310 | 8.5 | 109 | 3.0 |
| Biliran | 35 | 24.2 | 26 | 18.0 | 2 | 1.4 |
| Leyte Del Norte | 156 | 12.0 | 100 | 7.7 | 39 | 3.0 |
| Leyte Del Sur | 61 | 17.6 | 69 | 19.9 | 24 | 6.9 |
| Eastern Samar | 9 | 2.3 | 6 | 1.5 | 6 | 1.5 |
| Northern Samar | 36 | 7.3 | 23 | 4.7 | 16 | 3.3 |
| Western Samar | 17 | 3.4 | 11 | 2.2 | 2 | 0.4 |
| Calbayog City | 6 | 4.2 | 4 | 2.8 | 5 | 3.5 |
| Ormoc City | 27 | 16.8 | 23 | 14.3 | 4 | 2.5 |
| Tacloban City | 6 | 3.1 | 48 | 24.5 | 11 | 5.6 |
| Region 9 | 233 | 7.6 | 243 | 7.9 | 82 | 2.7 |
| Basilan | 9 | 2.8 | 12 | 3.8 | 1 | 0.3 |
| Zamboanga Del Norte | 51 | 7.5 | 27 | 4.0 | 13 | 1.9 |
| Zamboanga Del Sur | 80 | 6.7 | 56 | 4.7 | 19 | 1.6 |
| Dapitan City | 6 | 8.8 | 9 | 13.2 | 1 | 1.5 |
| Dipolog City | 10 | 9.9 | 33 | 32.6 | 3 | 3.0 |
| Pagadian City | 17 | 11.9 | 14 | 9.8 | 3 | 2.1 |
| Zamboanga City | 60 | 10.3 | 92 | 15.8 | 42 | 7.2 |
| Region 10 | 290 | 10.7 | 290 | 10.7 | 108 | 4.0 |
| Bukidnon | 41 | 4.5 | 52 | 5.6 | 14 | 1.5 |
| Camiguin | 12 | 16.7 | 9 | 12.5 | 5 | 7.0 |
| Misamis Occidental | 66 | 24.7 | 26 | 9.7 | 10 | 3.7 |
| Misamis Oriental | 79 | 14.9 | 35 | 6.6 | 21 | 4.0 |
| Cagayan De Oro City | 42 | 8.6 | 83 | 17.1 | 36 | 7.4 |
| Gingoog City | 8 | 8.9 | 19 | 21.2 | 4 | 4.5 |
| Oroquieta City | 12 | 20.2 | 16 | 27.0 | 3 | 5.1 |
| Ozamis City | 20 | 18.2 | 34 | 30.9 | 7 | 6.4 |
| Tangub City | 5 | 10.4 | 8 | 16.6 | 3 | 6.2 |
| Malaybalay City | 5 | 3.8 | 8 | 6.0 | 5 | 3.8 |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07, N17-N19, N25-N27) | | CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P99) | | CONGENITAL ANOMALIES (Q00-Q99) | |
|---------------------------------|--|-------------|---|------------|--------------------------------------|------------|
| | NO. | RATE | NO. | RATE | NO. | RATE |
| Region 11 | 572 | 11.2 | 403 | 7.9 | 180 | 3.5 |
| Cotabato South | 115 | 16.7 | 37 | 5.4 | 23 | 3.3 |
| Davao Oriental | 50 | 11.3 | 24 | 5.4 | 9 | 2.0 |
| Davao Del Norte | 49 | 1.2 | 27 | 0.7 | 18 | 0.4 |
| Davao Del Sur | 74 | 10.4 | 54 | 7.6 | 9 | 1.3 |
| Sarangani | 25 | 6.0 | 9 | 2.2 | 4 | 1.0 |
| Campostela Valley | 42 | 66.5 | 22 | 34.8 | 14 | 22.2 |
| Davao City | 145 | 12.9 | 123 | 11.0 | 57 | 5.1 |
| General Santos City (Dadiangas) | 39 | 9.9 | 57 | 14.5 | 35 | 8.9 |
| Island Garden City of Samal | 16 | 66.8 | 5 | 20.9 | 5 | 20.9 |
| Tagum City | 17 | 9.5 | 45 | 25.1 | 6 | 3.4 |
| Region 12 | 197 | 7.6 | 143 | 5.5 | 78 | 3.0 |
| Lanao Del Norte | 31 | 6.5 | 19 | 4.0 | 7 | 1.5 |
| North Cotabato | 47 | 5.5 | 16 | 1.9 | 26 | 3.1 |
| Sultan Kudarat | 64 | 11.1 | 30 | 5.2 | 15 | 2.6 |
| Cotabato City | 12 | 7.5 | 13 | 8.1 | 6 | 3.7 |
| Iligan City | 24 | 7.8 | 56 | 18.2 | 20 | 6.5 |
| Marawi City | 1 | 0.8 | 1 | 0.8 | - | - |
| Kidapawan City | 18 | 18.4 | 8 | 8.2 | 4 | 4.1 |
| A.R.M.M. | 14 | 0.7 | 5 | 0.2 | 2 | 0.1 |
| Lanao Del Sur | 6 | 1.0 | 1 | 0.2 | - | - |
| Maguindanao | 4 | 0.6 | 2 | 0.3 | 1 | 0.1 |
| Sulu | 4 | 0.7 | 1 | 0.2 | 1 | 0.2 |
| Tawi-Tawi | - | - | 1 | 0.4 | - | - |
| CARAGA | 157 | 7.4 | 146 | 6.8 | 65 | 3.0 |
| Agusan Del Norte | 27 | 9.4 | 17 | 5.9 | 9 | 3.1 |
| Agusan Del Sur | 24 | 4.0 | 11 | 1.8 | 10 | 1.7 |
| Surigao Del Norte | 34 | 9.5 | 32 | 8.9 | 15 | 4.2 |
| Surigao Del Sur | 37 | 7.3 | 40 | 7.9 | 6 | 1.2 |
| Butuan City | 18 | 6.7 | 36 | 13.4 | 16 | 6.0 |
| Surigao City | 17 | 14.7 | 10 | 8.6 | 9 | 7.8 |
| FOREIGN COUNTRY | 2 | | - | | - | |

*refers to the usual residence (which is outside Philippines), thus, rate cannot be computed

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | TRANSPORT ACCIDENTS (V00-V99) | | ACCIDENTAL DROWNING AND SUBMERSION (W65-W74) | | ASSAULT (X85-Y09) | | OTHER CAUSES OF DEATHS (ALL REMAINING CODES) | |
|----------------------|-------------------------------------|-------------|--|------------|----------------------|-------------|---|--------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| PHILIPPINES | 5,331 | 7.1 | 3,255 | 4.4 | 11,258 | 15.1 | 78,430 | 104.9 |
| N.C.R. | 589 | 5.8 | 258 | 2.5 | 1,713 | 16.8 | 9,735 | 95.5 |
| City of Manila | 128 | 8.1 | 38 | 2.4 | 301 | 19.0 | 2,136 | 135.1 |
| Manila, 2nd District | 4 | 0.6 | - | 0.0 | 16 | 2.5 | 122 | 18.9 |
| Mandaluyong City | 6 | 2.0 | 4 | 1.4 | 37 | 12.6 | 294 | 100.2 |
| Marikina City | 10 | 2.5 | 15 | 3.8 | 47 | 11.8 | 425 | 106.8 |
| Pasig City | 19 | 3.7 | 24 | 4.6 | 56 | 10.8 | 567 | 109.0 |
| Quezon City | 142 | 6.7 | 26 | 1.2 | 402 | 19.0 | 2,010 | 95.1 |
| Manila, 3rd District | 21 | 3.4 | 45 | 7.2 | 151 | 24.2 | 527 | 84.5 |
| Kalookan City | 47 | 4.1 | 15 | 1.3 | 206 | 17.8 | 758 | 65.5 |
| Valenzuela City | 23 | 4.6 | 19 | 3.8 | 76 | 15.2 | 386 | 77.0 |
| Manila, 4th District | 76 | 7.5 | 38 | 3.8 | 192 | 19.0 | 1,183 | 116.9 |
| Makati City | 26 | 5.3 | 12 | 2.5 | 69 | 14.1 | 500 | 102.1 |
| Parañaque City | 50 | 11.4 | 9 | 2.0 | 85 | 19.3 | 456 | 103.7 |
| Pasay City | 37 | 8.8 | 13 | 3.1 | 75 | 17.9 | 371 | 88.7 |
| C.A.R. | 113 | 8.2 | 63 | 4.6 | 178 | 13.0 | 1,201 | 87.5 |
| Abra | 16 | 7.7 | 9 | 4.3 | 42 | 20.3 | 193 | 93.2 |
| Apayao | 1 | 1.1 | 11 | 12.1 | 17 | 18.7 | 56 | 61.4 |
| Benguet | 62 | 18.5 | 13 | 3.9 | 24 | 7.2 | 296 | 88.3 |
| Ifugao | 7 | 4.3 | 6 | 3.7 | 14 | 8.6 | 144 | 88.2 |
| Kalinga | 7 | 4.2 | 6 | 3.6 | 25 | 14.9 | 69 | 41.3 |
| Mountain Province | 9 | 6.4 | 8 | 5.7 | 14 | 10.0 | 172 | 122.8 |
| Baguio City | 11 | 4.1 | 10 | 3.7 | 42 | 15.6 | 271 | 100.8 |
| Region 1 | 449 | 11.0 | 306 | 7.5 | 560 | 13.7 | 6,384 | 156.6 |
| Ilocos Norte | 47 | 11.3 | 27 | 6.5 | 68 | 16.4 | 595 | 143.1 |
| Ilocos Sur | 82 | 14.3 | 33 | 5.7 | 121 | 21.1 | 992 | 172.8 |
| La Union | 88 | 16.2 | 43 | 7.9 | 60 | 11.1 | 882 | 162.6 |
| Pangasinan | 177 | 9.0 | 154 | 7.9 | 214 | 10.9 | 2,850 | 145.3 |
| Dagupan City | 23 | 17.2 | 16 | 11.9 | 37 | 27.6 | 335 | 250.2 |
| Laoag City | 6 | 6.4 | 5 | 5.3 | 9 | 9.6 | 106 | 112.9 |
| San Carlos City | 10 | 6.9 | 21 | 14.6 | 23 | 15.9 | 229 | 158.7 |
| San Fernando City | 10 | 10.0 | 6 | 6.0 | 8 | 8.0 | 152 | 151.4 |
| Urdaneta City | 6 | 5.5 | 1 | 0.9 | 20 | 18.3 | 243 | 221.9 |
| Region 2 | 287 | 10.4 | 180 | 6.5 | 383 | 13.9 | 3,075 | 111.6 |
| Batanes | - | 0.0 | 2 | 13.4 | 1 | 6.7 | 26 | 174.6 |
| Cagayan | 90 | 9.4 | 88 | 9.2 | 147 | 15.3 | 1,357 | 141.3 |
| Isabela | 108 | 9.3 | 66 | 5.7 | 152 | 13.1 | 1,088 | 93.8 |

Table 25

**Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999**

| AREA | TRANSPORT ACCIDENTS (V00-V99) | | ACCIDENTAL DROWNING AND SUBMERSION (W65-W74) | | ASSAULT (X85-Y09) | | OTHER CAUSES OF DEATHS (ALL REMAINING CODES) | |
|----------------------|-------------------------------------|------------|--|------------|----------------------|-------------|---|--------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Nueva Vizcaya | 54 | 14.8 | 15 | 4.1 | 44 | 12.0 | 328 | 89.7 |
| Quirino | 11 | 7.5 | 6 | 4.1 | 16 | 10.9 | 129 | 88.1 |
| Santiago City | 24 | 22.0 | 3 | 2.7 | 23 | 21.1 | 147 | 134.7 |
| Region 3 | 575 | 7.6 | 384 | 5.1 | 676 | 9.0 | 8,112 | 107.6 |
| Bataan | 62 | 11.5 | 23 | 4.3 | 47 | 8.7 | 592 | 110.2 |
| Bulacan | 118 | 6.0 | 117 | 5.9 | 271 | 13.8 | 2,119 | 107.7 |
| Nueva Ecija | 85 | 6.7 | 59 | 4.7 | 116 | 9.2 | 1,428 | 113.0 |
| Pampanga | 96 | 6.2 | 73 | 4.7 | 78 | 5.1 | 1,220 | 79.3 |
| Tarlac | 67 | 8.7 | 39 | 5.1 | 50 | 6.5 | 976 | 126.8 |
| Zambales | 43 | 10.1 | 32 | 7.5 | 26 | 6.1 | 490 | 115.4 |
| Angeles City | 11 | 4.4 | 4 | 1.6 | 17 | 6.8 | 357 | 143.0 |
| Cabanatuan City | 34 | 15.5 | 9 | 4.1 | 28 | 12.8 | 255 | 116.4 |
| Olongapo City | 16 | 8.7 | 8 | 4.4 | 12 | 6.5 | 205 | 111.7 |
| Palayan City | 1 | 3.2 | 3 | 9.6 | - | 0.0 | 23 | 73.3 |
| San Jose City | 24 | 22.7 | 7 | 6.6 | 9 | 8.5 | 116 | 109.6 |
| Tarlac City | 18 | 7.2 | 10 | 4.0 | 22 | 8.9 | 331 | 133.2 |
| Region 4 | 717 | 6.5 | 453 | 4.1 | 1,787 | 16.2 | 12,989 | 117.7 |
| Aurora | 8 | 4.5 | 5 | 2.8 | 34 | 19.2 | 254 | 143.1 |
| Batangas | 116 | 8.6 | 45 | 3.4 | 223 | 16.6 | 1,246 | 92.9 |
| Cavite | 128 | 7.7 | 54 | 3.3 | 244 | 14.7 | 1,876 | 113.1 |
| Laguna | 122 | 7.5 | 57 | 3.5 | 300 | 18.4 | 1,961 | 120.4 |
| Marinduque | 10 | 4.8 | 13 | 6.3 | 13 | 6.3 | 317 | 152.7 |
| Mindoro Occidental | 10 | 2.7 | 15 | 4.1 | 70 | 19.0 | 290 | 78.8 |
| Mindoro Oriental | 24 | 4.3 | 35 | 6.3 | 113 | 20.4 | 677 | 122.1 |
| Palawan | 19 | 3.4 | 16 | 2.8 | 61 | 10.8 | 423 | 74.8 |
| Quezon | 114 | 7.8 | 85 | 5.8 | 272 | 18.6 | 2,294 | 156.5 |
| Rizal | 34 | 3.0 | 52 | 4.7 | 132 | 11.8 | 1,060 | 95.0 |
| Romblon | 5 | 1.9 | 22 | 8.5 | 21 | 8.2 | 390 | 151.4 |
| Batangas City | 27 | 11.9 | 4 | 1.8 | 22 | 9.7 | 395 | 173.9 |
| Cavite City | 6 | 6.6 | 6 | 6.6 | 13 | 14.3 | 145 | 159.6 |
| Lipa City | 23 | 12.1 | 2 | 1.1 | 35 | 18.4 | 149 | 78.3 |
| Lucena City | 15 | 7.5 | 10 | 5.0 | 42 | 21.1 | 424 | 212.8 |
| Puerto Princesa City | 9 | 60.0 | 5 | 33.3 | 21 | 140.0 | 168 | 1119.6 |
| San Pablo City | 18 | 9.1 | 6 | 3.0 | 60 | 30.4 | 202 | 102.4 |
| Tagaytay City | 2 | 6.3 | - | - | 6 | 19.0 | 23 | 73.0 |
| Trece Martires City | 1 | 4.5 | 1 | 4.5 | 7 | 31.7 | 57 | 257.9 |
| Calapan City | 7 | 6.6 | 3 | 2.8 | 24 | 22.5 | 200 | 187.7 |
| Antipolo City | 19 | 3.9 | 17 | 3.5 | 74 | 15.3 | 438 | 90.4 |
| Region 5 | 341 | 7.3 | 274 | 5.9 | 592 | 12.7 | 6,284 | 134.7 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | TRANSPORT ACCIDENTS (V00-V99) | | ACCIDENTAL DROWNING AND SUBMERSION (W65-W74) | | ASSAULT (X85-Y09) | | OTHER CAUSES OF DEATHS (ALL REMAINING CODES) | |
|-------------------|-------------------------------------|------------|--|------------|----------------------|-------------|---|--------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Albay | 73 | 7.9 | 32 | 3.4 | 106 | 11.4 | 1,462 | 157.4 |
| Camarines Norte | 52 | 10.7 | 47 | 9.7 | 48 | 9.9 | 769 | 157.9 |
| Camarines Sur | 84 | 6.3 | 92 | 6.9 | 129 | 9.6 | 1,524 | 113.8 |
| Catanduanes | 6 | 2.7 | 17 | 7.8 | 15 | 6.9 | 410 | 187.4 |
| Masbate | 26 | 3.8 | 31 | 4.5 | 145 | 21.2 | 530 | 77.5 |
| Sorsogon | 52 | 8.3 | 37 | 5.9 | 106 | 17.0 | 914 | 146.6 |
| Iriga City | 10 | 11.6 | 5 | 5.8 | 12 | 14.0 | 149 | 173.6 |
| Legaspi City | 11 | 7.0 | 6 | 3.8 | 17 | 10.8 | 292 | 184.8 |
| Naga City | 27 | 19.2 | 7 | 5.0 | 14 | 10.0 | 234 | 166.8 |
| Region 6 | 415 | 6.7 | 343 | 5.5 | 1,112 | 17.9 | 6,595 | 106.1 |
| Aklan | 30 | 6.8 | 39 | 8.9 | 76 | 17.3 | 665 | 151.1 |
| Antique | 29 | 6.3 | 29 | 6.3 | 130 | 28.1 | 536 | 115.7 |
| Capiz | 25 | 4.7 | 35 | 6.5 | 123 | 22.9 | 602 | 112.1 |
| Guimaras | 4 | 2.9 | 5 | 3.7 | 26 | 19.1 | 94 | 69.2 |
| Iloilo | 110 | 7.6 | 76 | 5.2 | 307 | 21.1 | 1,518 | 104.3 |
| Negros Occidental | 77 | 5.9 | 51 | 3.9 | 159 | 12.2 | 1,063 | 81.6 |
| Bacolod City | 49 | 10.9 | 12 | 2.7 | 68 | 15.2 | 488 | 109.1 |
| Bago City | 10 | 6.9 | 9 | 6.2 | 12 | 8.2 | 152 | 104.2 |
| Cadiz City | 7 | 5.4 | 13 | 10.1 | 22 | 17.1 | 135 | 105.1 |
| Iloilo City | 34 | 9.3 | 24 | 6.6 | 78 | 21.4 | 521 | 143.2 |
| La Carlota City | 4 | 6.8 | 2 | 3.4 | 11 | 18.7 | 60 | 101.8 |
| Roxas City | 6 | 4.5 | 14 | 10.5 | 20 | 15.0 | 168 | 126.3 |
| Sagay City | 6 | 4.4 | 14 | 10.3 | 11 | 8.1 | 125 | 91.7 |
| San Carlos City | 6 | 5.7 | 2 | 1.9 | 13 | 12.3 | 134 | 127.3 |
| Silay City | 9 | 6.5 | 8 | 5.8 | 12 | 8.7 | 152 | 110.3 |
| Passi City | 4 | 6.3 | 1 | 1.6 | 15 | 23.8 | 40 | 63.4 |
| Talisay City | 2 | 2.7 | 4 | 5.4 | 14 | 19.0 | 86 | 116.7 |
| Victorias City | 3 | 3.5 | 5 | 5.8 | 15 | 17.4 | 56 | 64.8 |
| Region 7 | 394 | 7.2 | 237 | 4.4 | 613 | 11.3 | 6,627 | 121.9 |
| Bohol | 46 | 4.6 | 66 | 6.7 | 78 | 7.9 | 1,292 | 130.3 |
| Cebu | 136 | 7.4 | 80 | 4.4 | 164 | 9.0 | 2,465 | 134.7 |
| Negros Oriental | 69 | 7.8 | 23 | 2.6 | 134 | 15.1 | 661 | 74.4 |
| Siquijor | 3 | 3.8 | 5 | 6.3 | 8 | 10.1 | 129 | 162.5 |
| Bais City | 7 | 10.5 | - | 0.0 | 7 | 10.5 | 68 | 101.9 |
| Canlaon City | 3 | 6.7 | 3 | 6.7 | 11 | 24.6 | 48 | 107.3 |
| Cebu City | 60 | 8.3 | 32 | 4.4 | 132 | 18.3 | 1,017 | 141.3 |
| Danao City | 10 | 11.5 | - | 0.0 | 12 | 13.8 | 96 | 110.1 |
| Dumaguete City | 9 | 8.8 | 2 | 1.9 | 6 | 5.8 | 205 | 199.4 |
| Lapu-Lapu City | 13 | 6.5 | 11 | 5.5 | 27 | 13.4 | 200 | 99.6 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | TRANSPORT ACCIDENTS (V00-V99) | | ACCIDENTAL DROWNING AND SUBMERSION (W65-W74) | | ASSAULT (X85-Y09) | | OTHER CAUSES OF DEATHS (ALL REMAINING CODES) | |
|---------------------|-------------------------------------|------------|--|------------|----------------------|-------------|---|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Mandaue City | 23 | 10.9 | 10 | 4.8 | 20 | 9.5 | 230 | 109.4 |
| Tagbilaran City | 8 | 10.3 | 1 | 1.3 | 5 | 6.4 | 111 | 142.3 |
| Toledo City | 7 | 5.2 | 4 | 3.0 | 9 | 6.6 | 105 | 77.5 |
| Region 8 | 239 | 6.5 | 135 | 3.7 | 733 | 20.0 | 3,469 | 94.6 |
| Biliran | 6 | 4.2 | 2 | 1.4 | 11 | 7.6 | 173 | 119.8 |
| Leyte Del Norte | 75 | 5.8 | 52 | 4.0 | 206 | 15.8 | 1,333 | 102.5 |
| Leyte Del Sur | 20 | 5.8 | 13 | 3.8 | 47 | 13.6 | 528 | 152.5 |
| Eastern Samar | 9 | 2.3 | 13 | 3.3 | 102 | 26.2 | 224 | 57.5 |
| Northern Samar | 33 | 6.7 | 20 | 4.1 | 160 | 32.5 | 444 | 90.3 |
| Western Samar | 28 | 5.6 | 14 | 2.8 | 95 | 19.1 | 307 | 61.6 |
| Calbayog City | 19 | 13.5 | 5 | 3.5 | 34 | 24.1 | 133 | 94.2 |
| Ormoc City | 24 | 15.0 | 5 | 3.1 | 30 | 18.7 | 183 | 114.0 |
| Tacloban City | 25 | 12.8 | 11 | 5.6 | 48 | 24.5 | 144 | 73.6 |
| Region 9 | 202 | 6.6 | 96 | 3.1 | 636 | 20.7 | 2,363 | 76.7 |
| Basilan | 9 | 2.8 | 2 | 0.6 | 71 | 22.3 | 202 | 63.5 |
| Zamboanga Del Norte | 52 | 7.7 | 20 | 3.0 | 93 | 13.7 | 396 | 58.5 |
| Zamboanga Del Sur | 79 | 6.7 | 42 | 3.5 | 285 | 24.0 | 789 | 66.4 |
| Dapitan City | 4 | 5.9 | - | 0.0 | 6 | 8.8 | 79 | 116.2 |
| Dipolog City | 8 | 7.9 | 8 | 7.9 | 12 | 11.8 | 82 | 80.9 |
| Pagadian City | 12 | 8.4 | 3 | 2.1 | 31 | 21.7 | 106 | 74.0 |
| Zamboanga City | 38 | 6.5 | 21 | 3.6 | 138 | 23.6 | 709 | 121.4 |
| Region 10 | 254 | 9.4 | 103 | 3.8 | 410 | 15.1 | 2,440 | 89.9 |
| Bukidnon | 75 | 8.1 | 19 | 2.1 | 150 | 16.3 | 409 | 44.4 |
| Camiguin | 6 | 8.4 | - | 0.0 | 2 | 2.8 | 93 | 129.4 |
| Misamis Occidental | 27 | 10.1 | 14 | 5.2 | 51 | 19.1 | 275 | 102.9 |
| Misamis Oriental | 56 | 10.6 | 22 | 4.2 | 48 | 9.1 | 540 | 102.2 |
| Cagayan De Oro City | 41 | 8.4 | 21 | 4.3 | 51 | 10.5 | 489 | 100.5 |
| Gingoog City | 16 | 17.8 | 2 | 2.2 | 21 | 23.4 | 128 | 142.7 |
| Oroquieta City | 8 | 13.5 | 5 | 8.4 | 9 | 15.2 | 78 | 131.4 |
| Ozamis City | 7 | 6.4 | 11 | 10.0 | 38 | 34.5 | 236 | 214.3 |
| Tangub City | 3 | 6.2 | 4 | 8.3 | 20 | 41.6 | 64 | 133.1 |
| Malaybalay City | 15 | 11.3 | 5 | 3.8 | 20 | 15.1 | 128 | 96.8 |
| Region 11 | 352 | 6.9 | 223 | 4.4 | 898 | 17.6 | 4,769 | 93.4 |
| Cotabato South | 57 | 8.3 | 28 | 4.1 | 145 | 21.1 | 540 | 78.5 |
| Davao Oriental | 12 | 2.7 | 25 | 5.6 | 74 | 16.7 | 380 | 85.7 |
| Davao Del Norte | 40 | 1.0 | 33 | 0.8 | 76 | 1.9 | 572 | 14.1 |

Table 25

Selected Causes of Death
By Region, Province and City
Number & Rate/100,000 Population
Philippines, 1999

| AREA | TRANSPORT ACCIDENTS (V00-V99) | | ACCIDENTAL DROWNING AND SUBMERSION (W65-W74) | | ASSAULT (X85-Y09) | | OTHER CAUSES OF DEATHS (ALL REMAINING CODES) | |
|---------------------------------|-------------------------------------|------------|--|------------|----------------------|-------------|---|-------------|
| | NO. | RATE | NO. | RATE | NO. | RATE | NO. | RATE |
| Davao Del Sur | 68 | 9.5 | 32 | 4.5 | 101 | 14.1 | 818 | 114.5 |
| Sarangani | 17 | 4.1 | 15 | 3.6 | 58 | 14.0 | 180 | 43.3 |
| Campostela Valley | 46 | 72.8 | 25 | 39.6 | 137 | 216.9 | 562 | 889.9 |
| Davao City | 66 | 5.9 | 45 | 4.0 | 197 | 17.6 | 961 | 85.7 |
| General Santos City (Dadiangas) | 20 | 5.1 | 7 | 1.8 | 67 | 17.0 | 463 | 117.4 |
| Island Garden City of Samal | - | 0.0 | 4 | 16.7 | 6 | 25.0 | 84 | 350.6 |
| Tagum City | 26 | 14.5 | 9 | 5.0 | 37 | 20.7 | 209 | 116.7 |
| Region 12 | 178 | 6.9 | 62 | 2.4 | 501 | 19.3 | 2,059 | 79.2 |
| Lanao Del Norte | 22 | 4.6 | 14 | 2.9 | 85 | 17.8 | 413 | 86.2 |
| North Cotabato | 61 | 7.2 | 13 | 1.5 | 173 | 20.3 | 624 | 73.2 |
| Sultan Kudarat | 39 | 6.8 | 16 | 2.8 | 98 | 17.0 | 475 | 82.2 |
| Cotabato City | 21 | 13.1 | 4 | 2.5 | 36 | 22.4 | 174 | 108.5 |
| Iligan City | 24 | 7.8 | 11 | 3.6 | 74 | 24.0 | 263 | 85.4 |
| Marawi City | 2 | 1.6 | 1 | 0.8 | 11 | 8.9 | 15 | 12.2 |
| Kidapawan City | 9 | 9.2 | 3 | 3.1 | 24 | 24.6 | 95 | 97.2 |
| A.R.M.M. | 60 | 2.8 | 11 | 0.5 | 139 | 6.5 | 399 | 18.5 |
| Lanao Del Sur | 11 | 1.8 | 2 | 0.3 | 26 | 4.2 | 99 | 16.0 |
| Maguindanao | 45 | 6.2 | 6 | 0.8 | 60 | 8.3 | 161 | 22.2 |
| Sulu | 4 | 0.7 | 3 | 0.5 | 45 | 8.2 | 92 | 16.8 |
| Tawi-Tawi | - | 0.0 | - | 0.0 | 8 | 3.0 | 47 | 17.9 |
| CARAGA | 162 | 7.6 | 123 | 5.8 | 325 | 15.2 | 1,900 | 89.0 |
| Agusan Del Norte | 24 | 8.4 | 22 | 7.7 | 37 | 12.9 | 236 | 82.2 |
| Agusan Del Sur | 39 | 6.5 | 30 | 5.0 | 85 | 14.2 | 336 | 56.3 |
| Surigao Del Norte | 18 | 5.0 | 18 | 5.0 | 39 | 10.9 | 403 | 112.4 |
| Surigao Del Sur | 27 | 5.3 | 27 | 5.3 | 105 | 20.7 | 475 | 93.6 |
| Butuan City | 38 | 14.1 | 14 | 5.2 | 42 | 15.6 | 272 | 101.2 |
| Surigao City | 16 | 13.8 | 12 | 10.4 | 17 | 14.7 | 178 | 153.8 |
| FOREIGN COUNTRY* | 4 | | 4 | | 2 | | 29 | |

*refers to the usual residence (which is outside Philippines), thus, rate cannot be computed

Table 26

Mortality: 17 Cause Groups
Number, Rate/100,000 Population & Percent Distribution
Philippines, 1999

| Cause Group | Male | Female | Both Sexes | | |
|---|----------------|----------------|----------------|--------------|--------------|
| | Number | Number | Number | Rate | % |
| Total Deaths from All Causes | 207,610 | 140,379 | 347,989 | 465.6 | 100.0 |
| Infective and Parasitic Diseases (A00-B94; B98-B99) | 28,270 | 14,993 | 43,263 | 57.9 | 12.4 |
| Malignant Neoplasm (C00-C97; D10-D36) | 18,487 | 16,098 | 34,585 | 46.3 | 9.9 |
| Endocrine, Nutritional and Metabolic Diseases (E00-E88;E90) | 7,150 | 7,701 | 14,851 | 19.9 | 4.3 |
| Diseases of Blood and Blood Forming Organs (D50-D89) | 1,326 | 1,255 | 2,581 | 3.5 | 0.7 |
| Mental & Behavioral Disorder (F00-F99) | 798 | 242 | 1,040 | 1.4 | 0.3 |
| Diseases of the Nervous System and Sense Organs (G00-G69;G98-G99;H00-H94) | 2,489 | 1,707 | 4,196 | 5.6 | 1.2 |
| Diseases of Circulatory System (I00-I13; I16-I22 I25-I64; I67-I96; I98-I99) | 58,343 | 43,902 | 102,245 | 136.8 | 29.4 |
| Diseases of the Respiratory System (J00-J94; J96-J99) | 28,518 | 22,695 | 51,213 | 68.5 | 14.7 |
| Diseases of Digestive System (K00-K90; K92-K99) | 12,091 | 4,054 | 16,145 | 21.6 | 4.6 |
| Diseases of Genito-Urinary System (N00-N98) | 5,944 | 4,027 | 9,971 | 13.3 | 2.9 |
| Complication of Pregnancy and the Puerperium (O00-O07; O09-O79; O85-O99) | - | 1,348 | 1,348 | 1.8 | 0.4 |
| Diseases of the Skin and Subcutaneous Tissues (L00-L99) | 509 | 571 | 1,080 | 1.4 | 0.3 |
| Diseases of Musculoskeletal System and Connective tissue (M00-M95; M97-M99) | 711 | 661 | 1,372 | 1.8 | 0.4 |
| Congenital Anomalies (Q00-Q99) | 2,380 | 2,026 | 4,406 | 5.9 | 1.3 |
| Certain Conditions Originating in the Perinatal Period (P00-P96) | 7,664 | 5,136 | 12,800 | 17.1 | 3.7 |
| Symptoms and Ill-defined Conditions (R00-R68; R70-R99) | 8,622 | 8,245 | 16,867 | 22.6 | 4.8 |
| Accidents, Violence Other External Causes of Poisoning & Injury (V00-Y89) | 24,308 | 5,718 | 30,026 | 40.2 | 8.6 |

Table 27

**Mortality: Communicable Diseases, Malignant Neoplasms
and Diseases of the Heart**
Number & Rate/100,000 Population
Philippines, 1949-1999

| YEAR | Communicable Diseases | | Malignant Neoplasms | | Diseases of the Heart | |
|------|-----------------------|-------|---------------------|------|-----------------------|------|
| | Number | Rate | Number | Rate | Number | Rate |
| 1999 | 73,791 | 98.7 | 34,238 | 45.8 | 58,574 | 78.4 |
| 1998 | 79,184 | 108.3 | 32,090 | 43.9 | 55,830 | 76.3 |
| 1997 | 73,940 | 103.3 | 29,677 | 41.5 | 54,787 | 76.6 |
| 1996 | 82,902 | 118.5 | 30,339 | 43.4 | 53,865 | 77.0 |
| 1995 | 80,193 | 116.9 | 28,487 | 41.5 | 50,252 | 73.2 |
| 1994 | 74,635 | 108.8 | 28,110 | 41.0 | 50,307 | 73.3 |
| 1993 | 88,920 | 132.8 | 25,399 | 37.9 | 48,582 | 72.5 |
| 1992 | 87,715 | 134.2 | 23,946 | 36.6 | 49,022 | 75.0 |
| 1991 | 80,513 | 126.6 | 22,384 | 35.2 | 46,381 | 72.9 |
| 1990 | 91,349 | 147.2 | 25,738 | 41.5 | 46,272 | 74.6 |
| 1989 | 104,525 | 173.9 | 21,933 | 36.5 | 44,856 | 74.6 |
| 1988 | 98,997 | 168.6 | 21,184 | 36.1 | 40,566 | 69.1 |
| 1987 | 111,383 | 194.2 | 20,367 | 35.5 | 38,840 | 67.7 |
| 1986 | 104,792 | 187.1 | 18,395 | 32.8 | 39,163 | 69.9 |
| 1985 | 112,998 | 206.7 | 18,143 | 33.2 | 36,242 | 66.3 |
| 1984 | 101,119 | 190.1 | 17,700 | 33.3 | 31,347 | 58.9 |
| 1983 | 110,513 | 215.0 | 17,997 | 35.0 | 32,320 | 62.9 |
| 1982 | 103,868 | 202.2 | 16,832 | 32.8 | 36,819 | 71.7 |
| 1981 | 104,740 | 211.4 | 16,059 | 32.4 | 34,055 | 68.7 |
| 1980 | 105,281 | 217.9 | 16,019 | 33.2 | 29,355 | 60.8 |
| 1979 | 127,453 | 273.6 | 15,449 | 33.2 | 29,473 | 63.3 |
| 1978 | 127,413 | 279.9 | 14,158 | 31.1 | 25,768 | 56.6 |
| 1977 | 122,266 | 271.7 | 13,977 | 31.1 | 28,006 | 62.2 |
| 1976 | 119,738 | 273.7 | 13,173 | 30.1 | 25,988 | 59.4 |
| 1975 | 100,299 | 235.9 | 12,493 | 29.4 | 24,060 | 56.6 |
| 1974 | 119,394 | 288.0 | 12,469 | 30.1 | 23,522 | 56.7 |
| 1973 | 119,737 | 297.7 | 11,490 | 28.6 | 19,474 | 48.4 |
| 1972 | 119,268 | 305.5 | 10,268 | 26.3 | 16,971 | 43.5 |
| 1971 | 99,239 | 261.4 | 9,480 | 25.0 | 15,277 | 40.2 |
| 1970 | 109,103 | 296.1 | 9,485 | 25.7 | 12,531 | 34.0 |
| 1969 | 109,649 | 295.1 | 9,256 | 24.9 | 12,423 | 33.4 |
| 1968 | 110,024 | 306.6 | 8,712 | 24.3 | 12,347 | 34.4 |
| 1967 | 104,149 | 295.9 | 8,229 | 23.4 | 11,739 | 33.4 |
| 1966 | 110,046 | 328.7 | 7,382 | 22.1 | 10,514 | 31.4 |
| 1965 | 107,043 | 330.9 | 7,186 | 22.2 | 10,854 | 33.6 |
| 1964 | 95,308 | 304.8 | 6,658 | 21.3 | 8,930 | 28.6 |
| 1963 | 105,999 | 350.5 | 6,198 | 20.5 | 8,769 | 29.0 |
| 1962 | 96,715 | 330.6 | 6,347 | 21.7 | 8,209 | 28.1 |
| 1961 | 111,273 | 393.0 | 5,392 | 19.0 | 8,112 | 28.7 |
| 1960 | 112,075 | 408.9 | 4,982 | 18.2 | 7,570 | 27.6 |
| 1959 | 106,814 | 396.7 | 4,026 | 15.0 | 7,758 | 28.8 |
| 1958 | 119,451 | 457.7 | 4,100 | 15.7 | 7,887 | 30.2 |
| 1957 | 135,829 | 537.0 | 3,582 | 14.2 | 7,797 | 30.8 |
| 1956 | 120,223 | 490.4 | 3,528 | 14.4 | 8,423 | 34.4 |
| 1955 | 115,284 | 485.3 | 2,786 | 11.7 | 5,559 | 23.4 |
| 1954 | 122,671 | 532.8 | 2,550 | 11.1 | 4,942 | 21.5 |
| 1953 | 140,241 | 628.4 | 2,404 | 10.8 | 4,769 | 21.4 |
| 1952 | 133,830 | 618.8 | 2,201 | 10.2 | 4,430 | 20.5 |
| 1951 | 137,830 | 657.5 | 1,985 | 9.5 | 4,282 | 20.4 |
| 1950 | 130,849 | 645.0 | 1,748 | 8.6 | 3,808 | 18.8 |
| 1949 | 135,883 | 690.1 | 1,725 | 8.8 | 3,750 | 19.0 |

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

Rate / 100,000 Population

Philippines, 1949-1999

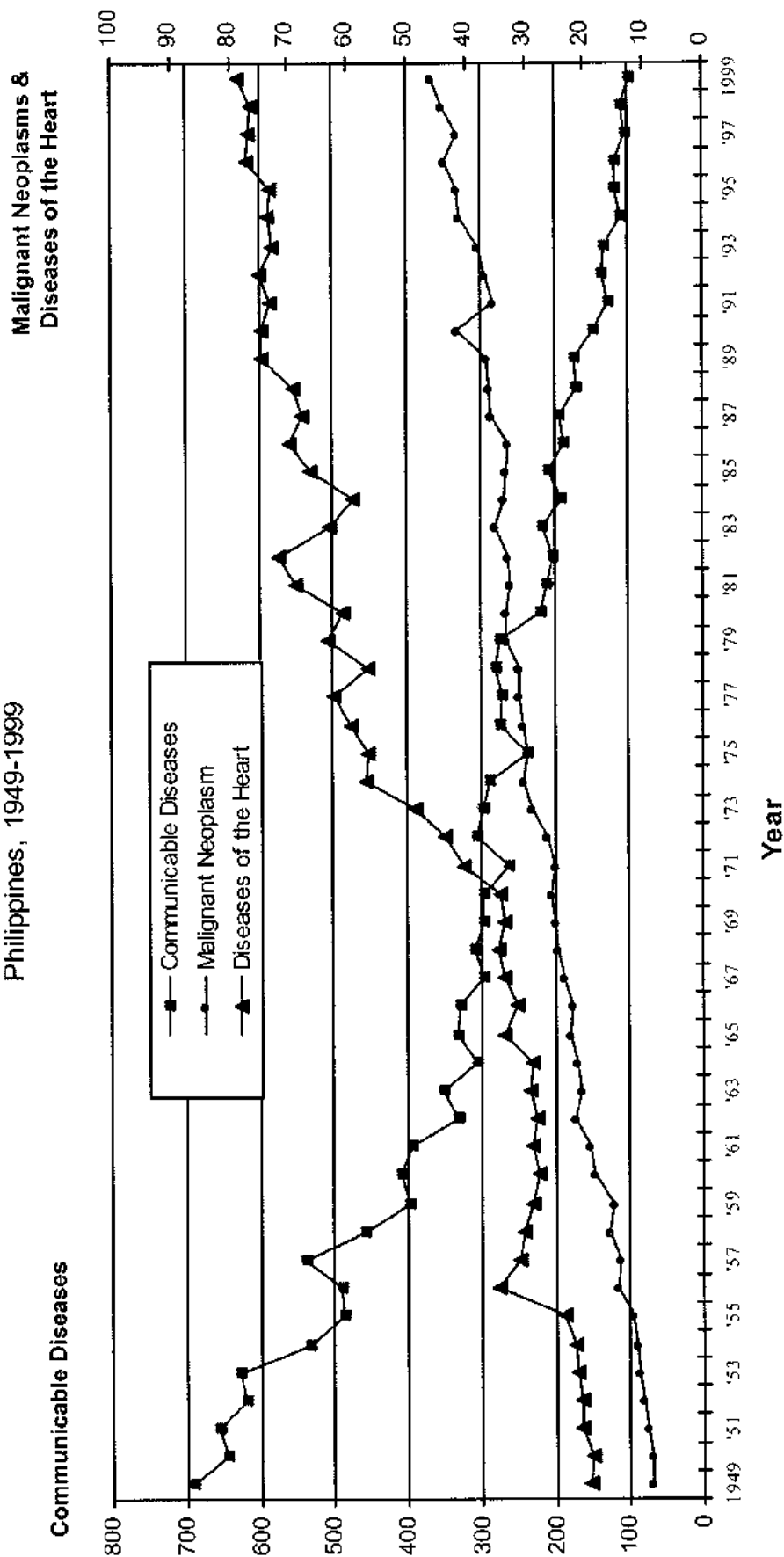


Figure 16

Table 28

**Mortality: Ten (10) Leading Causes
Number & Rate/100,000 Population
Philippines
1999, 1989, 1979**

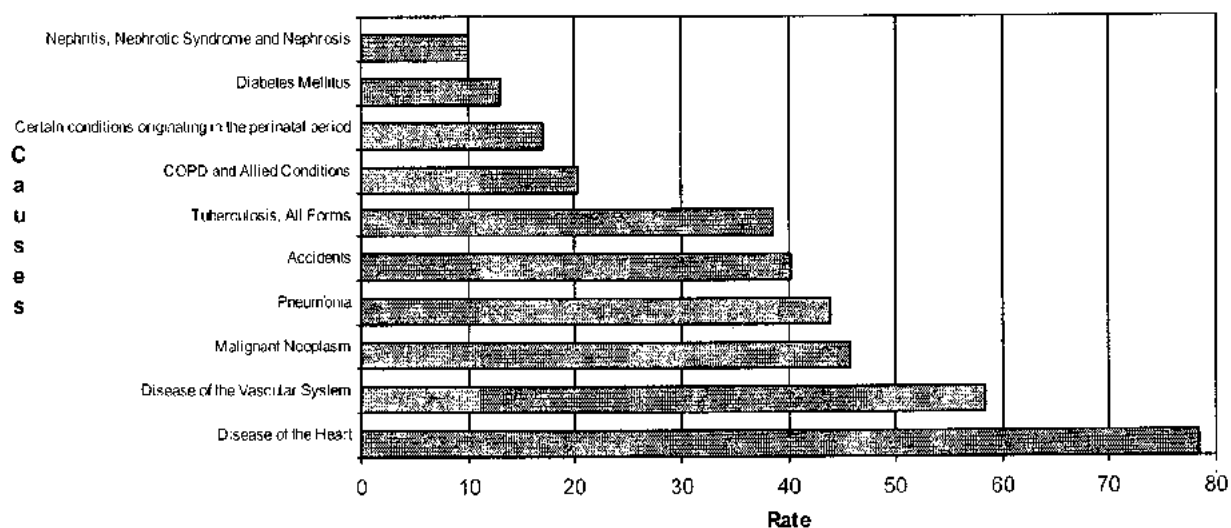
| Causes | 1999 | |
|--|--------|------|
| | Number | Rate |
| 1. Diseases of the Heart | 58,574 | 78.4 |
| 2. Diseases of the Vacular System | 43,671 | 58.4 |
| 3. Malignant Neoplasms | 34,238 | 45.8 |
| 4. Pneumonia | 32,883 | 44.0 |
| 5. Accidents | 30,026 | 40.2 |
| 6. Tuberculosis, All Forms | 28,904 | 38.7 |
| 7. Chronic Obstructive Pulmonary Diseases & Allied Conditions | 15,163 | 20.3 |
| 8. Certain Conditions Originating in the Perinatal Period | 12,800 | 17.1 |
| 9. Diabetes Mellitus | 9,749 | 13.0 |
| 10. Nephritis, Nephrotic Syndrome and Nephrosis | 7,544 | 10.1 |

| Causes | 1989 | |
|---|--------|------|
| | Number | Rate |
| 1. Pneumonia | 46,268 | 77.0 |
| 2. Diseases of the Heart | 44,856 | 74.6 |
| 3. Diseases of the Vascular System | 33,694 | 56.1 |
| 4. Tuberculosis, All Forms | 26,300 | 43.8 |
| 5. Malignant Neoplasms | 21,933 | 36.5 |
| 6. Accidents | 11,753 | 19.6 |
| 7. Diarrheal Diseases | 8,126 | 13.5 |
| 8. Measles | 65,734 | 11.2 |
| 9. Nephritis, Nephrotic Syndrome and Nephrosis | 5,110 | 8.5 |
| 10. Septicemia | 4,952 | 8.2 |

| Causes | 1979 | |
|---|--------|-------|
| | Number | Rate |
| 1. Pneumonia | 49,019 | 105.2 |
| 2. Diseases of the Heart | 29,473 | 63.3 |
| 3. Tuberculosis, All Forms | 28,221 | 60.6 |
| 4. Diseases of the Vascular System | 20,393 | 43.8 |
| 5. Diarrheas | 16,683 | 35.8 |
| 6. Malignant Neoplasms | 15,449 | 33.2 |
| 7. Accidents | 11,388 | 24.4 |
| 8. Avitaminoses and other Nutritional Deficiency | 8,219 | 17.6 |
| 9. Measles | 5,607 | 12.0 |
| 10. Nephritis, Nephrotic Syndrome & Nephrotic | 4,626 | 9.9 |

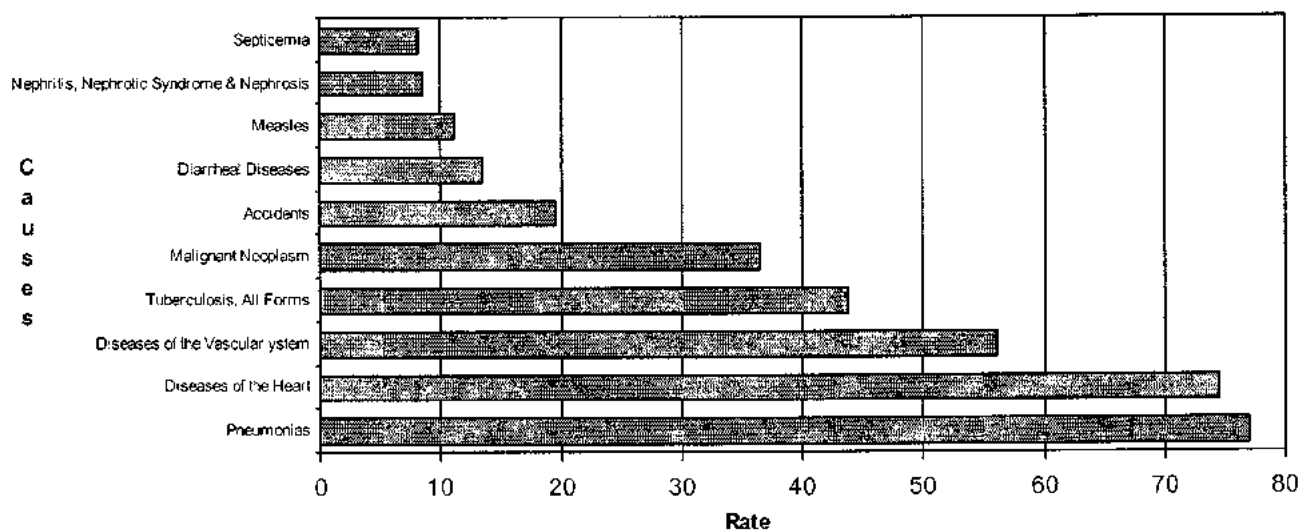
Mortality: Leading Causes

Rate / 100,000 Population, Philippines, 1999



Mortality: Leading Causes

Rate / 100,000 Population, Philippines, 1989



Mortality: Leading Causes

Rate / 100,000 Population, Philippines, 1979

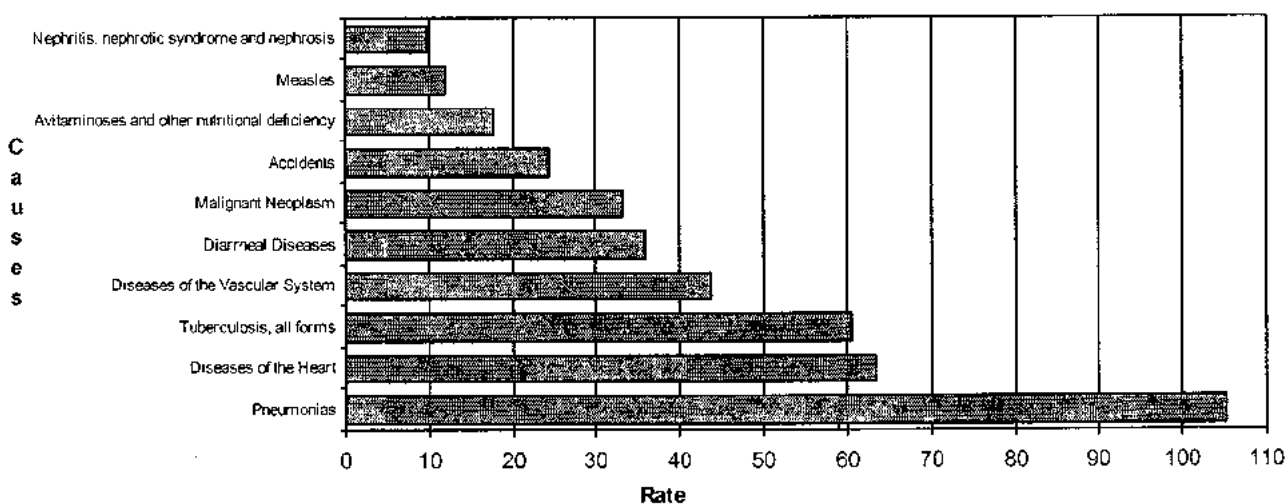


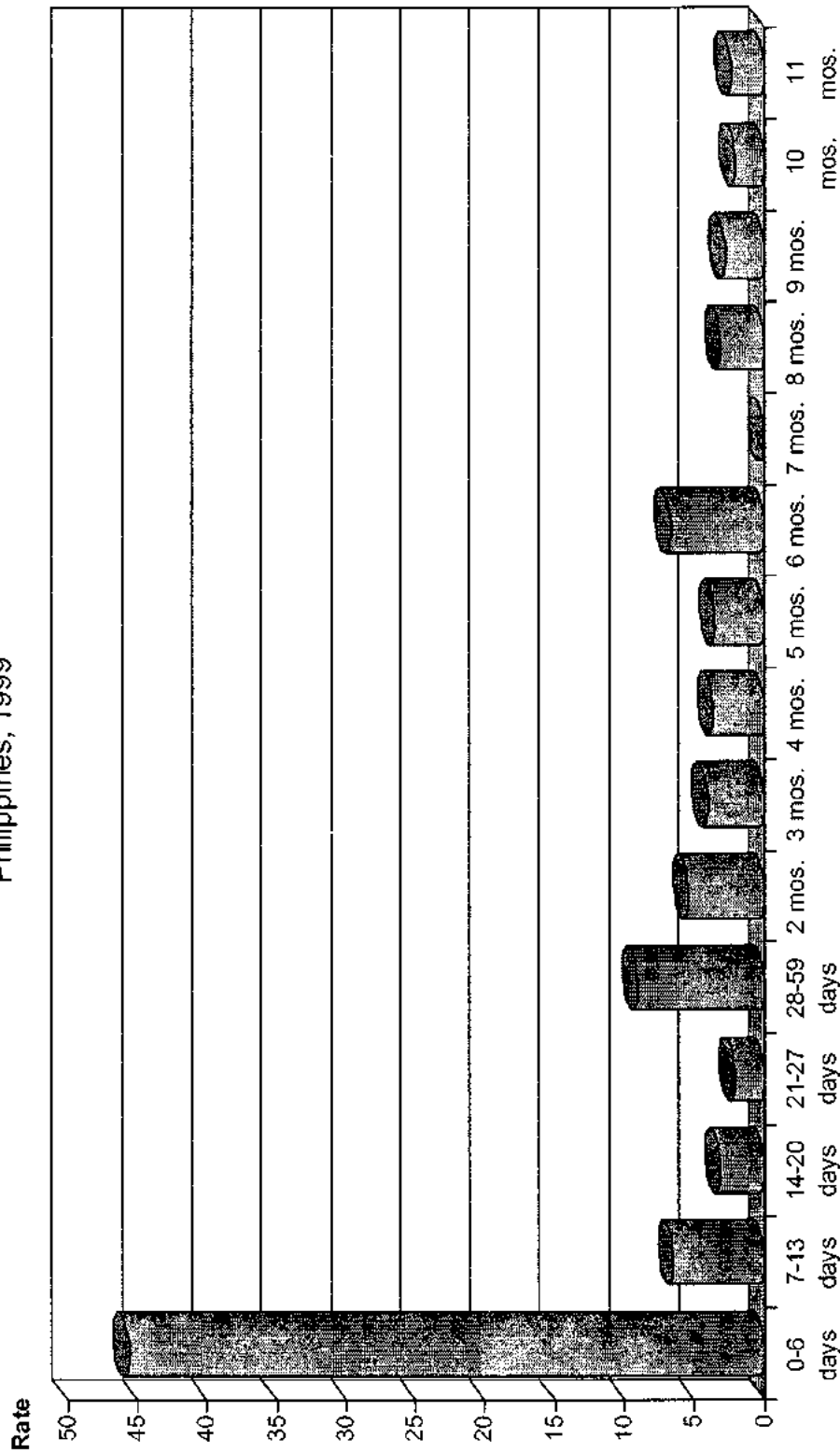
Figure 17

Table 29

Infant Mortality: By Smaller Age-Groups
Number, Rate/1000 Livebirths & Percent Distribution
Philippines
5 - Year Average (1994-1998) & 1999

| Age | 5-Year Average (1994-1998) | | | | 1999 | | | |
|--------------------------------|----------------------------|-------------|-----------------------|--------------------|---------------|-------------|-----------------------|--------------------|
| | Number | Rate | % of Neo-Natal Deaths | % of Infant Deaths | Number | Rate | % of Neo-Natal Deaths | % of Infant Deaths |
| Under 1 Year | 29,702 | 18.2 | | 100.0 | 25,168 | 15.6 | | 100.0 |
| Under 28 Days | 15,955 | 9.7 | 100.0 | 53.8 | 14,413 | 8.9 | 100.0 | 57.3 |
| 0 - 6 Days | 12,649 | 7.7 | 79.3 | 42.6 | 11,469 | 7.1 | 79.6 | 45.6 |
| 7 - 13 Days | 1,842 | 1.1 | 11.5 | 6.2 | 1,639 | 1.0 | 11.4 | 6.5 |
| 14 - 20 Days | 850 | 0.5 | 5.3 | 2.9 | 768 | 0.5 | 5.3 | 3.1 |
| 21- 27 Days | 614 | 0.4 | 3.8 | 2.1 | 537 | 0.3 | 3.7 | 2.1 |
| 28 Days to Under 1 Year | 13,747 | 8.4 | | 46.2 | 10,755 | 6.7 | | 42.7 |
| 28 - 59 Days | 2,579 | 1.6 | | 8.7 | 2,263 | 1.4 | | 9.0 |
| 2 Months | 1,703 | 1.0 | | 5.7 | 1,361 | 0.8 | | 5.4 |
| 3 Months | 1,250 | 0.8 | | 4.2 | 1,013 | 0.6 | | 4.0 |
| 4 Months | 1,151 | 0.7 | | 3.9 | 935 | 0.6 | | 3.7 |
| 5 Months | 1,042 | 0.6 | | 3.5 | 876 | 0.5 | | 3.5 |
| 6 Months | 1,108 | 0.7 | | 3.7 | 829 | 0.5 | | 3.3 |
| 7 Months | 1,144 | 0.7 | | 3.9 | 847 | 0.5 | | 3.4 |
| 8 Months | 1,160 | 0.7 | | 3.9 | 788 | 0.5 | | 3.1 |
| 9 Months | 1,010 | 0.6 | | 3.4 | 714 | 0.4 | | 2.8 |
| 10 Months | 782 | 0.5 | | 2.6 | 529 | 0.3 | | 2.1 |
| 11 Months | 818 | 0.5 | | 2.7 | 600 | 0.4 | | 2.4 |

Infant Deaths by Smaller Age-Groups Rate / 1,000 Livebirths Philippines, 1999



Age-Group

Figure 18

Table 30

Infant Mortality: Ten (10) Leading Causes
Number , Rate/1000 Livebirths & Percent Distribution
Philippines, 1999

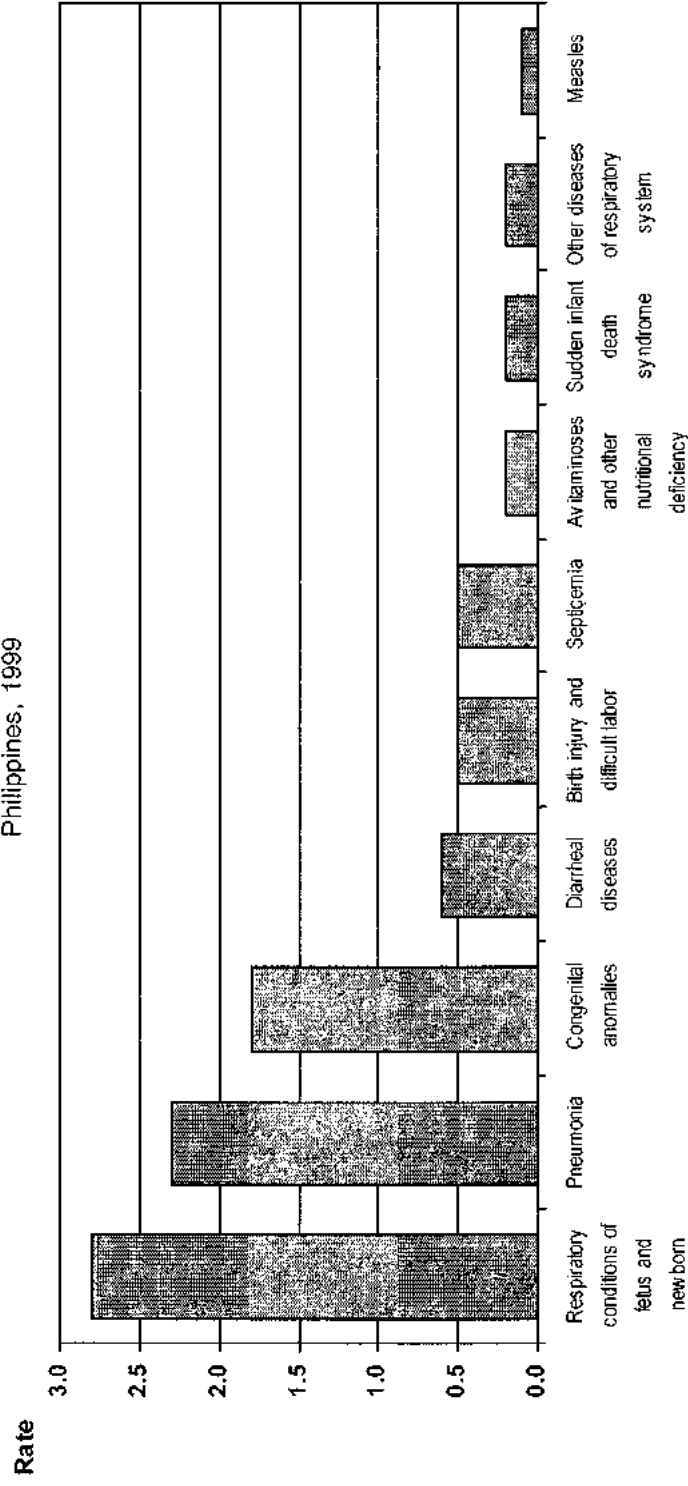
| CAUSE | Number | Rate | %* |
|--|--------|------|------|
| 1. Respiratory Conditions of Fetus and Newborn (P22-P28;P35-P39) | 4,597 | 2.8 | 18.3 |
| 2. Pneumonia (J12-J18) | 3,716 | 2.3 | 14.8 |
| 3. Congenital Anomalies (Q00-Q99) | 2,897 | 1.8 | 11.5 |
| 4. Diarrheal Diseases (A00-A02;A04-A09) | 1,003 | 0.6 | 4.0 |
| 5. Birth Injury & Difficult Labor (P20-P21; P50-P51) | 862 | 0.5 | 3.4 |
| 6. Septicemia (A40-A41) | 812 | 0.5 | 3.2 |
| 7. Avitaminoses and other Nutritional Deficiency (E40-E41; E43-E44) | 352 | 0.2 | 1.4 |
| 8. Sudden Infant Death Syndrome (R95) | 298 | 0.2 | 1.2 |
| 9. Other Diseases of Respiratory System (J30-J39; J60-J64; J66; J68-J70; J85; J93-J98) | 289 | 0.2 | 1.1 |
| 10. Measles (B05) | 241 | 0.1 | 1.0 |

*percent share from total number of infant deaths, all causes. Philippines

Infant Mortality: Ten (10) Leading Causes

Rate / 1,000 Livebirth

Philippines, 1999



Causes of Death

Figure 19

Table 31

Infant Mortality: By Sex and Region
Number & Rate/1000 Livebirths
Philippines, 1999

| Area | Both Sexes | Rate | Male | Female |
|-------------------------|---------------|-------------|---------------|---------------|
| Philippines | 25,168 | 15.6 | 14,771 | 10,397 |
| National Capital Region | 7,191 | 25.1 | 4,169 | 3,022 |
| C.A.R. | 359 | 11.8 | 205 | 154 |
| Region 1 | 1,803 | 19.2 | 1,035 | 768 |
| Region 2 | 731 | 13.1 | 435 | 296 |
| Region 3 | 2,225 | 12.1 | 1,363 | 862 |
| Region 4 | 4,131 | 15.3 | 2,420 | 1,711 |
| Region 5 | 1,494 | 13.9 | 879 | 615 |
| Region 6 | 1,681 | 15.4 | 973 | 708 |
| Region 7 | 1,988 | 14.2 | 1,167 | 821 |
| Region 8 | 798 | 14.3 | 483 | 315 |
| Region 9 | 580 | 11.4 | 348 | 232 |
| Region 10 | 599 | 11.3 | 366 | 233 |
| Region 11 | 856 | 9.3 | 497 | 359 |
| Region 12 | 327 | 8.0 | 192 | 135 |
| A.R.M.M. | 14 | 1.9 | 11 | 3 |
| CARAGA | 390 | 11.1 | 228 | 162 |
| Foreign Country* | 1 | 8.2 | 0 | 1 |

*refers to usual residence (which is outside Philippines) of the deceased but death occurred in the Philippines

Table 32

Maternal Mortality: By Main Cause
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 1999

| Cause | Number | Rate | %* |
|--|--------------|------------|--------------|
| Total | 1,348 | 0.8 | 100.0 |
| Other complications related to pregnancy occurring in the course of labor, delivery and puerperium (O12, O21-O48, O60-O71, O73-O75, O85-O99) | 571 | 0.4 | 42.4 |
| Hypertension complicating pregnancy Childbirth and Puerperium (O10;O15;O16) | 365 | 0.2 | 27.1 |
| Postpartum Hemorrhage (O72) | 265 | 0.2 | 19.7 |
| Pregnancy with abortive outcome (O00-O08) | 145 | 0.1 | 10.8 |
| Hemorrhages related to pregnancy (O20;O45-O47) | 2 | 0.0 | 0.1 |

* percent share to total number of maternal deaths

Table 33

Maternal Mortality: By Age Group & Region
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 1999

| Region | Age Distribution | | | | | |
|-------------------------|------------------|------------|--------------|---------------|------------|--------------|
| | 15 - 19 years | | | 20 - 24 years | | |
| | Number | Rate* | Percent | Number | Rate* | Percent |
| Philippines | 77 | 0.7 | 100.0 | 232 | 0.5 | 100.0 |
| National Capital Region | 8 | 0.4 | 10.4 | 36 | 0.4 | 15.5 |
| C.A.R. | 2 | 0.9 | 2.6 | 1 | 0.1 | 0.4 |
| Region 1 | 4 | 0.6 | 5.2 | 7 | 0.3 | 3.0 |
| Region 2 | 2 | 0.4 | 2.6 | 6 | 0.4 | 2.6 |
| Region 3 | 4 | 0.3 | 5.2 | 24 | 0.4 | 10.3 |
| Region 4 | 15 | 0.8 | 19.5 | 23 | 0.3 | 9.9 |
| Region 5 | 7 | 1.2 | 9.1 | 28 | 1.0 | 12.1 |
| Region 6 | 1 | 0.2 | 1.3 | 15 | 0.6 | 6.5 |
| Region 7 | 9 | 0.9 | 11.7 | 28 | 0.7 | 12.1 |
| Region 8 | 4 | 1.0 | 5.2 | 14 | 1.0 | 6.0 |
| Region 9 | 6 | 1.7 | 7.8 | 14 | 1.0 | 6.0 |
| Region 10 | 4 | 1.1 | 5.2 | 6 | 0.4 | 2.6 |
| Region 11 | 6 | 0.8 | 7.8 | 14 | 0.5 | 6.0 |
| Region 12 | 2 | 0.7 | 2.6 | 4 | 0.4 | 1.7 |
| ARMM | - | 0.0 | 0.0 | 2 | 1.1 | 0.9 |
| CARAGA | 3 | 1.6 | 3.9 | 10 | 1.2 | 4.3 |

* rate according to corresponding age-group and region

** Rate per 1000 livebirths of the corresponding Region

Table 33

Maternal Mortality: By Age Group & Region
Number , Rate/1000 Livebirths & Percent Distribution
Philippines, 1999

| Region | Age Distribution | | | | | |
|-------------------------|------------------|------------|--------------|--------------|------------|--------------|
| | 25 - 29 years | | | 30 -34 years | | |
| | Number | Rate* | Percent | Number | Rate* | Percent |
| Philippines | 274 | 0.6 | 100.0 | 278 | 0.9 | 100.0 |
| National Capital Region | 38 | 0.4 | 13.9 | 32 | 0.6 | 11.5 |
| C.A.R. | 2 | 0.2 | 0.7 | 5 | 0.8 | 1.8 |
| Region 1 | 17 | 0.6 | 6.2 | 19 | 1.0 | 6.8 |
| Region 2 | 7 | 0.4 | 2.6 | 10 | 1.0 | 3.6 |
| Region 3 | 28 | 0.5 | 10.2 | 11 | 0.3 | 4.0 |
| Region 4 | 46 | 0.6 | 16.8 | 51 | 0.9 | 18.3 |
| Region 5 | 16 | 0.5 | 5.8 | 26 | 1.1 | 9.4 |
| Region 6 | 18 | 0.6 | 6.6 | 20 | 0.8 | 7.2 |
| Region 7 | 28 | 0.7 | 10.2 | 26 | 0.9 | 9.4 |
| Region 8 | 12 | 0.8 | 4.4 | 13 | 1.1 | 4.7 |
| Region 9 | 20 | 1.4 | 7.3 | 15 | 1.4 | 5.4 |
| Region 10 | 9 | 0.6 | 3.3 | 7 | 0.7 | 2.5 |
| Region 11 | 14 | 0.5 | 5.1 | 27 | 1.5 | 9.7 |
| Region 12 | 6 | 0.5 | 2.2 | 5 | 0.6 | 1.8 |
| ARMM | 1 | 0.5 | 0.4 | 1 | 0.7 | 0.4 |
| CARAGA | 12 | 1.2 | 4.4 | 10 | 1.3 | 3.6 |

* rate according to corresponding age-group and region

** Rate per 1000 livebirths of the corresponding Region

Table 33

Maternal Mortality: By Age Group & Region
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 1999

| Region | Age Distribution | | | | | |
|-------------------------|------------------|------------|--------------|---------------|------------|--------------|
| | 35 - 39 years | | | 40 - 44 years | | |
| | Number | Rate* | Percent | Number | Rate* | Percent |
| Philippines | 302 | 1.6 | 100.0 | 149 | 2.4 | 100.0 |
| National Capital Region | 22 | 0.8 | 7.3 | 16 | 2.3 | 10.7 |
| C.A.R. | 3 | 0.8 | 1.0 | 1 | 0.8 | 0.7 |
| Region 1 | 16 | 1.5 | 5.3 | 5 | 1.3 | 3.4 |
| Region 2 | 9 | 1.5 | 3.0 | 3 | 1.4 | 2.0 |
| Region 3 | 27 | 1.5 | 8.9 | 12 | 2.3 | 8.1 |
| Region 4 | 45 | 1.5 | 14.9 | 21 | 2.2 | 14.1 |
| Region 5 | 37 | 2.5 | 12.3 | 16 | 2.7 | 10.7 |
| Region 6 | 22 | 1.4 | 7.3 | 17 | 2.8 | 11.4 |
| Region 7 | 27 | 1.6 | 8.9 | 12 | 2.0 | 8.1 |
| Region 8 | 18 | 2.4 | 6.0 | 13 | 4.7 | 8.7 |
| Region 9 | 13 | 2.0 | 4.3 | 2 | 0.9 | 1.3 |
| Region 10 | 17 | 2.5 | 5.6 | 7 | 2.8 | 4.7 |
| Region 11 | 17 | 1.6 | 5.6 | 10 | 2.7 | 6.7 |
| Region 12 | 18 | 3.5 | 6.0 | 4 | 2.2 | 2.7 |
| ARMM | - | 0.0 | 0.0 | 3 | 10.1 | 2.0 |
| CARAGA | 11 | 2.2 | 3.6 | 7 | 3.9 | 4.7 |

* rate according to corresponding age-group and region

** Rate per 1000 livebirths of the corresponding Region

Table 33

Maternal Mortality: By Age Group & Region
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 1999

| Region | Age Distribution | | | | | |
|-------------------------|------------------|------------|--------------|-----------------|------------|--------------|
| | 45 - 49 years | | | 50 years & Over | | |
| | Number | Rate* | Percent | Number | Rate* | Percent |
| Philippines | 30 | 3.9 | 100.0 | 6 | 9.6 | 100.0 |
| National Capital Region | - | 0.0 | 0.0 | - | 0.0 | 0.0 |
| C.A.R. | - | 0.0 | 0.0 | - | 0.0 | 0.0 |
| Region 1 | 2 | 4.4 | 6.7 | - | 0.0 | 0.0 |
| Region 2 | 4 | 13.7 | 13.3 | 2 | 76.9 | 33.3 |
| Region 3 | 1 | 1.6 | 3.3 | - | 0.0 | 0.0 |
| Region 4 | 2 | 1.8 | 6.7 | 1 | 9.3 | 16.7 |
| Region 5 | 5 | 6.0 | 16.7 | - | 0.0 | 0.0 |
| Region 6 | 3 | 3.7 | 10.0 | - | 0.0 | 0.0 |
| Region 7 | 2 | 2.9 | 6.7 | 2 | 47.6 | 33.3 |
| Region 8 | 4 | 12.5 | 13.3 | - | 0.0 | 0.0 |
| Region 9 | 1 | 3.8 | 3.3 | - | 0.0 | 0.0 |
| Region 10 | 3 | 8.2 | 10.0 | - | 0.0 | 0.0 |
| Region 11 | 1 | 2.1 | 3.3 | 1 | 38.5 | 16.7 |
| Region 12 | 1 | 3.4 | 3.3 | - | 0.0 | 0.0 |
| ARMM | - | 0.0 | 0.0 | - | 0.0 | 0.0 |
| CARAGA | 1 | 4.1 | 3.3 | - | 0.0 | 0.0 |

* rate according to corresponding age-group and region

** Rate per 1000 livebirths of the corresponding Region

Table 34

FETAL DEATHS BY CAUSE AND TYPE OF ATTENDANCE
Philippines, 1999

| CAUSE OF DEATH | TOTAL | ATTENDANT | | | | | | |
|---|--------------|--------------|------------|------------|--------------------|------------|------------|------------|
| | | Physician | Nurse | Midwife | Unlicensed Midwife | Others | None | Not Stated |
| Total | 9,841 | 6,044 | 85 | 979 | 1,642 | 57 | 164 | 870 |
| Percent | 100.0 | 61.4 | 0.9 | 9.9 | 16.7 | 0.6 | 1.7 | 8.8 |
| Light for Gestational Age (P05.0) | 3 | 1 | - | 1 | 1 | - | - | - |
| Small for Gestational Age (P05.1) | 17 | 8 | - | 1 | 7 | - | - | 1 |
| Fetal Malnutrition without Mention of Light or Small for Gestational Age (P05.2) | 10 | 3 | 1 | - | 4 | 1 | - | 1 |
| Slow Fetal Growth, Unspecified Fetal Growth Retardation NOS (P05.9) | 28 | 23 | 1 | 2 | - | - | 1 | 1 |
| Extremely Low Birth Weight (P07.0) | 624 | 579 | 5 | 10 | 14 | 1 | 3 | 12 |
| Other Low Birth Weight (P07.1) | 1,346 | 1,047 | 6 | 89 | 115 | 5 | 19 | 65 |
| Extreme Immaturity (P07.2) | 734 | 518 | 8 | 57 | 91 | 5 | 18 | 37 |
| Other Preterm Infants (P07.3) | 2,256 | 1,111 | 19 | 266 | 659 | 18 | 49 | 134 |
| Exceptionally Large Baby (P08.0) | 61 | 36 | - | 12 | 9 | 1 | 1 | 2 |
| Other Heavy for Gestational Age Infants (P08.1) | 79 | 50 | - | 11 | 10 | - | 1 | 7 |
| Post-Term Infant, Not Heavy for Gestational Age (P08.2) | 221 | 116 | 2 | 43 | 44 | 1 | 3 | 12 |
| Unspecified Intracranial Laceration and Haemorrhage due to Birth Injury (P10.9) | 3 | 2 | - | - | 1 | - | - | - |
| Cerebral Oedema due to Birth Injury (P11.0) | 1 | 1 | - | - | - | - | - | - |
| Other Specified Brain Damage due to Birth Injury (P11.1) | 1 | 1 | - | - | - | - | - | - |
| Other Birth Injuries to Skull (P13.1) | 1 | 1 | - | - | - | - | - | - |
| Birth Injury, Unspecified (P15.9) | 17 | 5 | - | 5 | 6 | - | 1 | - |
| Intrauterine Hypoxia First Noted Before Onset of Labor (P20.0) | 308 | 240 | 2 | 23 | 32 | - | 1 | 10 |
| Intrauterine Hypoxia First Noted During Labour and Delivery (P20.1) | 243 | 118 | 4 | 43 | 63 | 5 | 6 | 4 |
| Intrauterine Hypoxia, Unspecified (P20.9) | 425 | 241 | 4 | 37 | 52 | 2 | 10 | 79 |
| Congenital Pneumonia, Unspecified (P23.9) | 3 | 3 | - | - | - | - | - | - |
| Massive Pulmonary Haemorrhage Originating in the Perinatal Period (P26.1) | 1 | 1 | - | - | - | - | - | - |
| Unspecified Pulmonary Haemorrhage Originating in the Perinatal Period (P26.9) | 2 | 1 | - | - | 1 | - | - | - |
| Wilson-Mikity Syndrome (P27.0) | 14 | 5 | - | 2 | 3 | - | 2 | 2 |
| Bronchopulmonary Dysplasia Originating in the Perinatal Period (P27.1) | 4 | 2 | - | - | 2 | - | - | - |
| Other Chronic Respiratory Diseases Originating in the Perinatal Period (P27.8) | 57 | 21 | 4 | 9 | 12 | - | - | 11 |
| Unspecified Chronic Respiratory Disease Originating in the Perinatal Period (P27.9) | 12 | 5 | 1 | 2 | 2 | - | 1 | 1 |
| Other Cardiovascular Disorders Originating in the Perinatal Period (P29.8) | 2 | - | - | - | 2 | - | - | - |
| Cardiovascular Disorder Originating in the Perinatal Period, Unspecified (P29.9) | 1 | 1 | - | - | - | - | - | - |
| Other Congenital Viral Diseases (P35.8) | 1 | 1 | - | - | - | - | - | - |
| Congenital Viral Disease, Unspecified (P35.9) | 1 | 1 | - | - | - | - | - | - |
| Other Specified Congenital Infections and Parasitic Diseases (P37.8) | 1 | 1 | - | - | - | - | - | - |

Table 34

FETAL DEATHS BY CAUSE AND TYPE OF ATTENDANCE
Philippines, 1999

| CAUSE OF DEATH | TOTAL | ATTENDANT | | | | | | |
|---|-------|-----------|-------|---------|-----------------------|--------|------|---------------|
| | | Physician | Nurse | Midwife | Unlicensed Midwife | Others | None | Not Stated |
| Intra-Amniotic Infection of Fetus Not Elsewhere Classified (P39.2) | 2 | 1 | - | - | 1 | - | - | - |
| Infection Specific to the Perinatal Period Unspecified (P39.9) | 96 | 52 | - | 16 | 22 | - | 2 | 4 |
| Fetal Blood Loss from Vasa Praevia (P50.0) | 1 | - | - | 1 | - | - | - | - |
| Fetal Blood Loss from Placenta (P50.2) | 10 | 9 | - | - | 1 | - | - | - |
| Other Fetal Blood Loss (P50.8) | 2 | 2 | - | - | - | - | - | - |
| Fetal Blood Loss, Unspecified (P50.9) | 7 | 6 | - | - | - | - | 1 | - |
| Intracerebral (Nontraumatic) Haemorrhage of Fetus and Newborn (P52.4) | 1 | 1 | - | - | - | - | - | - |
| ABO Isoimmunization of Fetus and Newborn (P55.1) | 2 | 1 | - | - | - | - | 1 | - |
| Haemolytic Disease of Fetus and Newborn (P55.9) | 9 | 7 | - | - | 2 | - | - | - |
| Hydrops Fetalis due to other and Unspecified Haemolytic Disease (P56.9) | 3 | 3 | - | - | - | - | - | - |
| Anaemia of Prematurity (P61.2) | 14 | 12 | 1 | 1 | - | - | - | - |
| Other Congenital Anaemias, Not Elsewhere Classified (P61.4) | 1 | - | - | - | 1 | - | - | - |
| Other Specified Perinatal Haematological Disorders (P61.8) | 4 | 4 | - | - | - | - | - | - |
| Perinatal Haematological Disorder, Unspecified (P61.9) | 2 | 2 | - | - | - | - | - | - |
| Syndrome of Infant of Mother with Gestational Diabetes (P70.0) | 4 | 4 | - | - | - | - | - | - |
| Syndrome of Infant of a Diabetic Mother (P70.1) | 23 | 19 | - | 1 | 1 | - | - | 2 |
| Transitory Disorder of Carbohydrate Metabolism of Fetus and Newborn, Unspecified (P70.9) | 3 | 1 | - | 1 | 1 | - | - | - |
| Meconium Plug Syndrome (P76.0) | 218 | 162 | - | 21 | 19 | - | 2 | 14 |
| Other Specified Intestinal Obstruction of Newborn (P76.8) | 1 | 1 | - | - | - | - | - | - |
| Perinatal Digestive System Disorder, Unspecified (P78.9) | 2 | 2 | - | - | - | - | - | - |
| Hydrops Fetalis not due to Haemolytic Disease (P83.2) | 67 | 65 | - | 1 | - | - | - | 1 |
| Other and Unspecified Oedema Specific to Fetus and Newborn (P83.3) | 3 | 3 | - | - | - | - | - | - |
| Condition of Integument Specific to Fetus and Newborn, Unspecified (P83.9) | 2 | 2 | - | - | - | - | - | - |
| Fetal Death of Unspecified Cause (P95) | 2,203 | 1,128 | 22 | 232 | 358 | 13 | 30 | 420 |
| Other Specified Conditions Originating in the Perinatal Period (P96.8) | 12 | 7 | - | 1 | 4 | - | - | - |
| Condition Originating in the Perinatal Period, Unspecified (P96.9) | 17 | 2 | - | 4 | 9 | - | - | 2 |
| Anencephaly (Q00.0) | 122 | 71 | - | 23 | 18 | - | 2 | 8 |
| Nasofrontal Encephalocele (Q01.1) | 1 | 1 | - | - | - | - | - | - |
| Encephalocele, Unspecified (Q01.9) | 2 | 2 | - | - | - | - | - | - |
| Microcephaly (Q02) | 1 | 1 | - | - | - | - | - | - |

Table 34

FETAL DEATHS BY CAUSE AND TYPE OF ATTENDANCE
Philippines, 1999

| CAUSE OF DEATH | TOTAL | ATTENDANT | | | | | | |
|---|-------|-----------|-------|---------|-----------------------|--------|------|---------------|
| | | Physician | Nurse | Midwife | Unlicensed Midwife | Others | None | Not Stated |
| Malformations of Aqueduct of Sylvius (Q03.0) | 59 | 41 | - | 5 | 7 | 1 | 2 | 3 |
| Other Congenital Hydrocephalus (Q03.8) | 1 | 1 | - | - | - | - | - | - |
| Congenital Hydrocephalus, Unspecified (Q03.9) | 6 | 5 | - | - | - | - | - | 1 |
| Holoprosencephaly (Q04.2) | 1 | 1 | - | - | - | - | - | - |
| Congenital Malformation of Brain, Unspecified (Q04.9) | 4 | - | - | 1 | 2 | - | - | 1 |
| Congenital Malformation of Nervous System, Unspecified (Q07.9) | 2 | 1 | 1 | - | - | - | - | - |
| Macrostomia (Q18.4) | 5 | 4 | - | - | 1 | - | - | - |
| Other Specified Congenital Malformations of Face and Neck (Q18.8) | 1 | 1 | - | - | - | - | - | - |
| Discordant Ventriculoarterial Connection (Q20.3) | 2 | 2 | - | - | - | - | - | - |
| Other Congenital Malformations of Cardiac Chambers and Connections (Q20.8) | 1 | 1 | - | - | - | - | - | - |
| Other Congenital Malformations of Aortic and Mitral Valves (Q23.8) | 1 | 1 | - | - | - | - | - | - |
| Dextrocardia (Q24.0) | 1 | 1 | - | - | - | - | - | - |
| Congenital Malformation of Heart Unspecified (Q24.9) | 45 | 12 | 1 | 7 | 16 | 1 | 1 | 7 |
| Patient Ductus Arteriosus (Q25.0) | 1 | 1 | - | - | - | - | - | - |
| Congenital Malformation of Larynx, Unspecified (Q31.9) | 1 | - | - | 1 | - | - | - | - |
| Hypoplasia and Dysplasia of Lung (Q33.6) | 3 | 3 | - | - | - | - | - | - |
| Anomaly of Pleura (Q34.0) | 1 | - | - | 1 | - | - | - | - |
| Congenital Malformation of Respiratory System, Unspecified (Q34.9) | 1 | 1 | - | - | - | - | - | - |
| Cleft Palate, Unspecified, Bilateral (Q35.8) | 1 | 1 | - | - | - | - | - | - |
| Cleft Palate, Unspecified, Unilateral (Q35.9) | 1 | 1 | - | - | - | - | - | - |
| Cleft Lip, Unilateral (Q36.9) | 3 | 2 | - | - | 1 | - | - | - |
| Unspecified Cleft Palate with Cleft Lip, Unilateral (Q37.9) | 4 | 4 | - | - | - | - | - | - |
| Congenital Malformation of Upper Alimentary Tract, Unspecified (Q40.9) | 2 | 1 | - | - | 1 | - | - | - |
| Congenital Absence, Atresia and Stenosis of Anus without Fistula (Q42.3) | 1 | 1 | - | - | - | - | - | - |
| Other Specified Congenital Malformations of Intestine (Q43.8) | 1 | - | - | - | 1 | - | - | - |
| Congenital Malformation of Intestine, Unspecified (Q43.9) | 1 | - | - | 1 | - | - | - | - |
| Other Congenital Malformations of Liver (Q44.7) | 1 | 1 | - | - | - | - | - | - |
| Congenital Malformation of Digestive System, Unspecified (Q45.9) | 1 | 1 | - | - | - | - | - | - |
| Doubling of Uterus with Doubling of Cervix and Vagina (Q51.1) | 1 | 1 | - | - | - | - | - | - |
| Other Doubling of Uterus (Q51.2) | 1 | 1 | - | - | - | - | - | - |
| Bicornate Uterus (Q51.3) | 1 | 1 | - | - | - | - | - | - |
| Other Specified Congenital Malformations of Female Genitalia (Q52.8) | 1 | 1 | - | - | - | - | - | - |

Table 34

FETAL DEATHS BY CAUSE AND TYPE OF ATTENDANCE
Philippines, 1999

| CAUSE OF DEATH | TOTAL | ATTENDANT | | | | | | |
|--|-------|-----------|-------|---------|--------------------|--------|------|------------|
| | | Physician | Nurse | Midwife | Unlicensed Midwife | Others | None | Not Stated |
| Other Congenital Malformations of Testis and Scrotum (Q55.2) | 1 | 1 | - | - | - | - | - | - |
| Congenital Absence and Aplasia of Penis (Q55.5) | 1 | - | - | 1 | - | - | - | - |
| Congenital Malformation of Male Genital Organ Unspecified (Q55.9) | 1 | 1 | - | - | - | - | - | - |
| Renal Agencies, Unspecified (Q60.2) | 6 | 6 | - | - | - | - | - | - |
| Other Cystic Kidney Diseases (Q61.8) | 1 | 1 | - | - | - | - | - | - |
| Congenital Malformation of Urinary System, Unspecified (Q64.9) | 2 | 2 | - | - | - | - | - | - |
| Talipes Equinovarus (Q66.0) | 2 | 2 | - | - | - | - | - | - |
| Other Congenital Deformities of Skull, Face and Jaw (Q67.4) | 2 | 1 | - | - | - | - | - | 1 |
| Polydactyly, Unspecified (Q69.9) | 1 | 1 | - | - | - | - | - | - |
| Fused Fingers (Q70.0) | 1 | - | - | 1 | - | - | - | - |
| Syndactyly, Unspecified (Q70.9) | 1 | 1 | - | - | - | - | - | - |
| Congenital Complete Absence of Upper Limb(s) (Q71.0) | 1 | - | - | - | - | - | - | 1 |
| Congenital Absence of Foot and Toe(s) (Q72.3) | 1 | 1 | - | - | - | - | - | - |
| Phocomelia, Unspecified Limb(s) (Q73.1) | 1 | 1 | - | - | - | - | - | - |
| Unspecified Congenital Malformation of Limb(s) (Q74.9) | 2 | 1 | - | - | - | - | - | 1 |
| Craniosynostosis (Q75.0) | 3 | 1 | - | 2 | - | - | - | - |
| Macrocephaly (Q75.3) | 1 | 1 | - | - | - | - | - | - |
| Other Specified Congenital Malformations of Skull and Face Bones (Q75.8) | 5 | 4 | - | - | - | - | 1 | - |
| Congenital Malformation of Skull and Face Bones, Unspecified (Q75.9) | 10 | 3 | - | 3 | 1 | 1 | 2 | - |
| Achondroplasia (Q77.4) | 1 | 1 | - | - | - | - | - | - |
| Congenital Diaphragmatic Hernia (Q79.0) | 1 | 1 | - | - | - | - | - | - |
| Exomphalos (Q79.2) | 5 | 5 | - | - | - | - | - | - |
| Gastroschisis (Q79.3) | 6 | 6 | - | - | - | - | - | - |
| Congenital Malformation of Musculoskeletal System, Unspecified (Q79.9) | 4 | 2 | 1 | - | - | - | - | 1 |
| Other Specified Congenital Malformations of Skin (Q82.8) | 1 | 1 | - | - | - | - | - | - |
| Other Specified Congenital Malformations of Integument (Q84.8) | 1 | 1 | - | - | - | - | - | - |
| Conjoined Twins (Q89.4) | 10 | 6 | - | - | 4 | - | - | - |
| Multiple Congenital Malformations, Not Elsewhere Classified (Q89.7) | 135 | 103 | 1 | 15 | 8 | 1 | 1 | 6 |
| Other Specified Congenital Malformations (Q89.8) | 3 | 3 | - | - | - | - | - | - |
| Congenital Malformation, Unspecified (Q89.9) | 143 | 65 | 1 | 25 | 31 | 1 | 3 | 17 |
| Down's Syndrome, Unspecified (Q90.9) | 10 | 9 | - | 1 | - | - | - | - |
| Trisomy 13, Translocation (Q91.6) | 1 | 1 | - | - | - | - | - | - |
| Male with Sex Chromosome Mosaicism (Q98.7) | 1 | 1 | - | - | - | - | - | - |
| Chromosomal Abnormality, Unspecified (Q99.9) | 8 | 5 | - | - | 2 | - | - | 1 |

Fetal Deaths by Attendance Percent Distribution Philippines, 1999

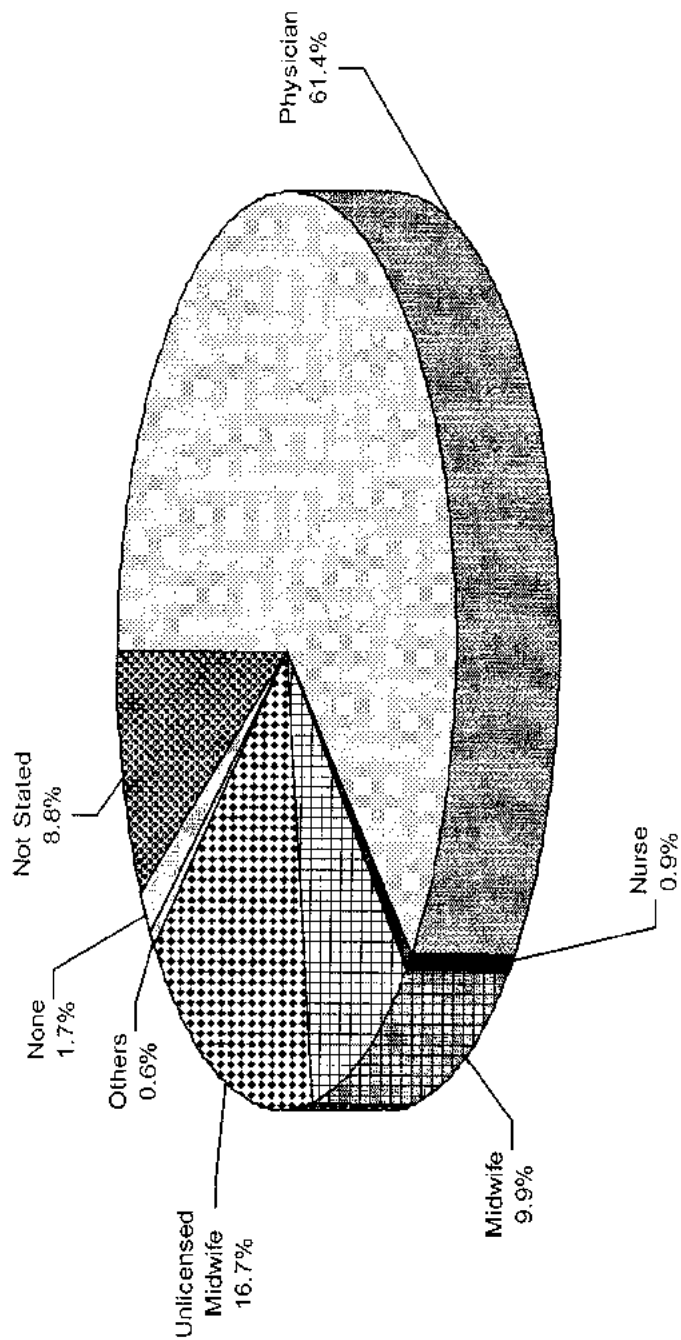


Figure 21

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | Total Fetal Death | Less than 1000 grams | | 1000 to 1,499 grams | | 1,500 to 1,999 grams | |
|--|-------------------------|-------------------------|-------------|------------------------|------------|-------------------------|------------|
| | | No. | % | No. | % | No. | % |
| TOTAL | 9,841 | 1,052 | 10.7 | 955 | 9.7 | 842 | 8.6 |
| Light for Gestational Age (P05.0) | 3 | - | 0.0 | - | 0.0 | 1 | 33.3 |
| Small for Gestational Age (P05.1) | 17 | 2 | 11.8 | 4 | 23.5 | 3 | 17.6 |
| Fetal Malnutrition without Mention of Light or Small for Gestational Age (P05.2) | 10 | 1 | 10.0 | 2 | 20.0 | - | 0.0 |
| Slow Fetal Growth, Unspecified Fetal Growth Retardation NOS (P05.9) | 28 | 6 | 21.4 | 10 | 35.7 | 2 | 7.1 |
| Extremely Low Birth Weight (P07.0) | 624 | 622 | 99.7 | - | 0.0 | - | 0.0 |
| Other Low Birth Weight (P07.1) | 1,346 | - | 0.0 | 454 | 33.7 | 435 | 32.3 |
| Extreme Immaturity (P07.2) | 734 | 227 | 30.9 | 114 | 15.5 | 33 | 4.5 |
| Other Preterm Infants (P07.3) | 2,256 | 116 | 5.1 | 246 | 10.9 | 242 | 10.7 |
| Exceptionally Large Baby (P08.0) | 61 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Heavy for Gestational Age Infants (P08.1) | 79 | - | 0.0 | - | 0.0 | - | 0.0 |
| Post-Term Infant, Not Heavy for Gestational Age (P08.2) | 221 | - | - | 6 | 2.7 | 6 | 2.7 |
| Unspecified Intracranial Laceration and Haemorrhage due to Birth Injury (P10.9) | 3 | - | 0.0 | 1 | 33.3 | - | 0.0 |
| Cerebral Oedema due to Birth Injury (P11.0) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Brain Damage due to Birth Injury (P11.1) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Birth Injuries to Skull (P13.1) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Birth Injury, Unspecified (P15.9) | 17 | - | 0.0 | 1 | 5.9 | 2 | 11.8 |
| Intrauterine Hypoxia First Noted Before Onset of Labor (P20.0) | 308 | 1 | 0.3 | 3 | 1.0 | 3 | 1.0 |
| Intrauterine Hypoxia First Noted During Labour and Delivery (P20.1) | 243 | - | 0.0 | - | 0.0 | - | 0.0 |
| Intrauterine Hypoxia, Unspecified (P20.9) | 425 | - | 0.0 | 4 | 0.9 | - | 0.0 |
| Congenital Pneumonia, Unspecified (P23.9) | 3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Massive Pulmonary Haemorrhage Originating in the Perinatal Period (P26.1) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Unspecified Pulmonary Haemorrhage Originating in the Perinatal Period (P26.9) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Wilson-Mikity Syndrome (P27.0) | 14 | 2 | 14.3 | 1 | 7.1 | - | 0.0 |
| Bronchopulmonary Dysplasia Originating in the Perinatal Period (P27.1) | 4 | - | 0.0 | 1 | 25.0 | - | 0.0 |
| Other Chronic Respiratory Diseases Originating in the Perinatal Period (P27.8) | 57 | 5 | 8.8 | 1 | 1.8 | 3 | 5.3 |
| Unspecified Chronic Respiratory Disease Originating in the Perinatal Period (P27.9) | 12 | - | 0.0 | 1 | 8.3 | - | 0.0 |
| Other Cardiovascular Disorders Originating in the Perinatal Period (P29.8) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cardiovascular Disorder Originating in the Perinatal Period, Unspecified (P29.9) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Viral Diseases (P35.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Viral Disease, Unspecified (P35.9) | 1 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Infections and Parasitic Diseases (P37.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Intra-Amniotic Infection of Fetus Not Elsewhere | | | | | | | |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | Total Fetal Death | Less than 1000 grams | | 1000 to 1,499 grams | | 1,500 to 1,999 grams | |
|---|-------------------------|-------------------------|-------|------------------------|------|-------------------------|-------|
| | | No. | % | No. | % | No. | % |
| Classified (P39.2) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Infection Specific to the Perinatal Period | | | | | | | |
| Unspecified (P39.9) | 96 | 4 | 4.2 | 5 | 5.2 | 5 | 5.2 |
| Fetal Blood Loss from Vasa Praevia (P50.0) | 1 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Fetal Blood Loss from Placenta (P50.2) | 10 | 1 | 10.0 | 1 | 10.0 | 1 | 10.0 |
| Other Fetal Blood Loss (P50.8) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Fetal Blood Loss, Unspecified (P50.9) | 7 | - | 0.0 | 2 | 28.6 | 1 | 14.3 |
| Intracerebral (Nontraumatic) Haemorrhage of Fetus and Newborn (P52.4) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| ABO Isoimmunization of Fetus and Newborn (P55.1) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Haemolytic Disease of Fetus and Newborn (P55.9) | 9 | 2 | 22.2 | - | 0.0 | - | 0.0 |
| Hydrops Fetalis due to other and Unspecified Haemolytic Disease (P56.9) | 3 | - | 0.0 | 2 | 66.7 | 1 | 33.3 |
| Anaemia of Prematurity (P61.2) | 14 | 1 | 7.1 | - | 0.0 | - | 0.0 |
| Other Congenital Anaemias, Not Elsewhere Classified (P61.4) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Perinatal Haematological Disorders (P61.8) | 4 | - | 0.0 | - | 0.0 | - | 0.0 |
| Perinatal Haematological Disorder, Unspecified (P61.9) | 2 | - | 0.0 | 1 | 50.0 | - | 0.0 |
| Syndrome of Infant of Mother with Gestational Diabetes (P70.0) | 4 | - | 0.0 | 1 | 25.0 | 1 | 25.0 |
| Syndrome of Infant of a Diabetic Mother (P70.1) | 23 | 1 | 4.3 | 1 | 4.3 | - | 0.0 |
| Transitory Disorder of Carbohydrate Metabolism of Fetus and Newborn, Unspecified (P70.9) | 3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Meconium Plug Syndrome (P76.0) | 218 | 2 | 0.9 | 5 | 2.3 | 6 | 2.8 |
| Other Specified Intestinal Obstruction of Newborn (P76.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Perinatal Digestive System Disorder, Unspecified (P78.9) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Hydrops Fetalis not due to Haemolytic Disease (P83.2) | 67 | 4 | 6.0 | 10 | 14.9 | 15 | 22.4 |
| Other and Unspecified Oedema Specific to Fetus and Newborn (P83.3) | 3 | 1 | 33.3 | - | 0.0 | 1 | 33.3 |
| Condition of Integument Specific to Fetus and Newborn, Unspecified (P83.9) | 2 | 1 | 50.0 | - | 0.0 | - | 0.0 |
| Fetal Death of Unspecified Cause (P95) | 2,203 | 1 | 0.0 | 8 | 0.4 | 9 | 0.4 |
| Other Specified Conditions Originating in the Perinatal Period (P96.8) | 12 | 2 | 16.7 | - | 0.0 | - | 0.0 |
| Condition Originating in the Perinatal Period, Unspecified (P96.9) | 17 | - | 0.0 | 3 | 17.6 | 1 | 5.9 |
| Anencephaly (Q00.0) | 122 | 8 | 6.6 | 10 | 8.2 | 9 | 7.4 |
| Nasofrontal Encephalocele (Q01.1) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Encephalocele, Unspecified (Q01.9) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Microcephaly (Q02) | 1 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Malformations of Aqueduct of Sylvius (Q03.0) | 59 | 3 | 5.1 | 2 | 3.4 | 3 | 5.1 |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT

Number and Percent Distribution

Philippines, 1999

| CAUSES | Total Fetal Death | Less than 1000 grams | | 1000 to 1,499 grams | | 1,500 to 1,999 grams | |
|---|-------------------------|-------------------------|-------|------------------------|-------|-------------------------|-------|
| | | No. | % | No. | % | No. | % |
| Other Congenital Hydrocephalus (Q03.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Hydrocephalus, Unspecified (Q03.9) | 6 | - | 0.0 | - | 0.0 | 1 | 16.7 |
| Holoprosencephaly (Q04.2) | 1 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Brain, Unspecified (Q04.9) | 4 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Nervous System, Unspecified (Q07.9) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Macrostomia (Q18.4) | 5 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Face and Neck (Q18.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Discordant Ventriculoarterial Connection (Q20.3) | 2 | - | 0.0 | - | 0.0 | 2 | 100.0 |
| Other Congenital Malformations of Cardiac Chambers and Connections (Q20.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Aortic and Mitral Valves (Q23.8) | 1 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Dextrocardia (Q24.0) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Heart Unspecified (Q24.9) | 45 | 2 | 4.4 | 3 | 6.7 | 1 | 2.2 |
| Patient Ductus Arteriosus (Q25.0) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Larynx, Unspecified (Q31.9) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Hypoplasia and Dysplasia of Lung (Q33.6) | 3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Anomaly of Pleura (Q34.0) | 1 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Respiratory System, Unspecified (Q34.9) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cleft Palate, Unspecified, Bilateral (Q35.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cleft Palate, Unspecified, Unilateral (Q35.9) | 1 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Cleft Lip, Unilateral (Q36.9) | 3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Unspecified Cleft Palate with Cleft Lip, Unilateral (Q37.9) | 4 | - | 0.0 | - | 0.0 | 1 | 25.0 |
| Congenital Malformation of Upper Alimentary Tract, Unspecified (Q40.9) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Absence, Atresia and Stenosis of Anus without Fistula (Q42.3) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Intestine (Q43.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Intestine, Unspecified (Q43.9) | 1 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Other Congenital Malformations of Liver (Q44.7) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Digestive System, Unspecified (Q45.9) | 1 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Doubling of Uterus with Doubling of Cervix and Vagina (Q51.1) | 1 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Other Doubling of Uterus (Q51.2) | 1 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Bicornate Uterus (Q51.3) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Female Genitalia (Q52.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Testis and | | | | | | | |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | Total Fetal Death | Less than 1000 grams | | 1000 to 1,499 grams | | 1,500 to 1,999 grams | |
|---|-------------------------|-------------------------|-------|------------------------|-------|-------------------------|-------|
| | | No. | % | No. | % | No. | % |
| Scrotum (Q55.2) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Absence and Aplasia of Penis (Q55.5) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Male Genital Organ Unspecified (Q55.9) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Renal Agencies, Unspecified (Q60.2) | 6 | 3 | 50.0 | - | 0.0 | - | 0.0 |
| Other Cystic Kidney Diseases (Q61.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Urinary System, Unspecified (Q64.9) | 2 | - | 0.0 | 1 | 50.0 | - | 0.0 |
| Talipes Equinovarus (Q66.0) | 2 | - | 0.0 | 1 | 50.0 | - | 0.0 |
| Other Congenital Deformities of Skull, Face and Jaw (Q67.4) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Polydactyly, Unspecified (Q69.9) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Fused Fingers (Q70.0) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Syndactyly, Unspecified (Q70.9) | 1 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Congenital Complete Absence of Upper Limb(s) (Q71.0) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Absence of Foot and Toe(s) (Q72.3) | 1 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Phocomelia, Unspecified Limb(s) (Q73.1) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Unspecified Congenital Malformation of Limb(s) (Q74.9) | 2 | - | 0.0 | - | 0.0 | - | 0.0 |
| Craniosynostosis (Q75.0) | 3 | - | 0.0 | 2 | 66.7 | - | 0.0 |
| Macrocephaly (Q75.3) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Skull and Face Bones (Q75.8) | 5 | 1 | 20.0 | 1 | 20.0 | - | 0.0 |
| Congenital Malformation of Skull and Face Bones, Unspecified (Q75.9) | 10 | - | 0.0 | 1 | 10.0 | - | 0.0 |
| Achondroplasia (Q77.4) | 1 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Congenital Diaphragmatic Hernia (Q79.0) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Exomphalos (Q79.2) | 5 | 2 | 40.0 | - | 0.0 | 1 | 20.0 |
| Gastroschisis (Q79.3) | 6 | - | 0.0 | 2 | 33.3 | - | 0.0 |
| Congenital Malformation of Musculoskeletal System, Unspecified (Q79.9) | 4 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Skin (Q82.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Integument (Q84.8) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Conjoined Twins (Q89.4) | 10 | - | 0.0 | - | 0.0 | 3 | 30.0 |
| Multiple Congenital Malformations, Not Elsewhere Classified (Q89.7) | 135 | 16 | 11.9 | 24 | 17.8 | 19 | 14.1 |
| Other Specified Congenital Malformations (Q89.8) | 3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation, Unspecified (Q89.9) | 143 | 8 | 5.6 | 15 | 10.5 | 25 | 17.5 |
| Down's Syndrome, Unspecified (Q90.9) | 10 | - | 0.0 | 1 | 10.0 | 1 | 10.0 |
| Trisomy 13, Translocation (Q91.6) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Male with Sex Chromosome Mosaicism (Q98.7) | 1 | - | 0.0 | - | 0.0 | - | 0.0 |
| Chromosomal Abnormality, Unspecified (Q99.9) | 8 | 1 | 12.5 | - | 0.0 | 1 | 12.5 |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | 2,000 to 2,499 grams | | 2,500 to 2,999 grams | | 3,000 to 3,499 grams | | 3,500 to 3,999 grams | |
|--|-------------------------|-------------|-------------------------|-------------|-------------------------|------------|-------------------------|------------|
| | No. | % | No. | % | No. | % | No. | % |
| TOTAL | 1,016 | 10.3 | 1,324 | 13.5 | 831 | 8.4 | 380 | 3.9 |
| Light for Gestational Age (P05.0) | 1 | 33.3 | 1 | 33.3 | - | 0.0 | - | 0.0 |
| Small for Gestational Age (P05.1) | 3 | 17.6 | 2 | 11.8 | - | 0.0 | - | 0.0 |
| Fetal Malnutrition without Mention of Light or Small for Gestational Age (P05.2) | 2 | 20.0 | 2 | 20.0 | - | 0.0 | - | 0.0 |
| Slow Fetal Growth, Unspecified Fetal Growth Retardation NOS (P05.9) | 5 | 17.9 | - | 0.0 | 1 | 3.6 | 1 | 3.6 |
| Extremely Low Birth Weight (P07.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Low Birth Weight (P07.1) | 451 | 33.5 | - | 0.0 | - | 0.0 | - | 0.0 |
| Extreme immaturity (P07.2) | 32 | 4.4 | 23 | 3.1 | 8 | 1.1 | 1 | 0.1 |
| Other Preterm Infants (P07.3) | 263 | 11.7 | 341 | 15.1 | 154 | 6.8 | 71 | 3.1 |
| Exceptionally Large Baby (P08.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Heavy for Gestational Age Infants (P08.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Post-Term Infant not Heavy for Gestational Age (P08.2) | 22 | 10.0 | 49 | 22.2 | 43 | 19.5 | 23 | 10.4 |
| Unspecified Intracranial Laceration and Hemorrhage due to Birth Injury (P10.9) | 1 | 33.3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cerebral Edema due to Birth Injury (P11.0) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Other Specified Brain Damage due to Birth Injury (P11.1) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Other Birth Injuries to Skull (P13.1) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Birth Injury, Unspecified (P15.9) | 1 | 5.9 | 3 | 17.6 | 1 | 5.9 | - | 0.0 |
| Intrauterine Hypoxia First Noted Before Onset of Labor (P20.0) | 27 | 8.8 | 103 | 33.4 | 62 | 20.1 | 32 | 10.4 |
| Intrauterine Hypoxia First Noted During Labour and Delivery (P20.1) | 6 | 2.5 | 69 | 26.4 | 54 | 22.2 | 27 | 11.1 |
| Intrauterine Hypoxia, Unspecified (P20.9) | 18 | 4.2 | 81 | 19.1 | 69 | 16.2 | 23 | 5.4 |
| Congenital Pneumonia, Unspecified (P23.9) | 1 | 33.3 | 1 | 33.3 | 1 | 33.3 | - | 0.0 |
| Massive Pulmonary Hemorrhage Originating in the Perinatal Period (P26.1) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Unspecified Pulmonary Hemorrhage Originating in the Perinatal Period (P26.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Wilson-Mikity Syndrome (P27.0) | 1 | 7.1 | - | 0.0 | - | 0.0 | 1 | 7.1 |
| Bronchopulmonary Dysplasia Originating in the Perinatal Period (P27.1) | 1 | 25.0 | 1 | 25.0 | 1 | 25.0 | - | 0.0 |
| Other Chronic Respiratory Diseases Originating in the Perinatal Period (P27.8) | 3 | 5.3 | 8 | 14.0 | 3 | 5.3 | 2 | 3.5 |
| Unspecified Chronic Respiratory Disease Originating in the Perinatal Period (P27.9) | 2 | 16.7 | 4 | 33.3 | - | 0.0 | - | 0.0 |
| Other Cardiovascular Disorders Originating in the Perinatal Period (P29.8) | - | 0.0 | - | 0.0 | 1 | 50.0 | - | 0.0 |
| Cardiovascular Disorder Originating in the Perinatal Period, Unspecified (P29.9) | - | 0.0 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Other Congenital Viral Diseases (P35.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Viral Disease, Unspecified (P35.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Infections and Parasitic Diseases (P37.8) | - | 0.0 | 1 | 100.0 | 2 | 200.0 | - | 0.0 |
| Intra-Amniotic Infection of Fetus Not Elsewhere | | | | | | | | |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | 2,000 to 2,499 grams | | 2,500 to 2,999 grams | | 3,000 to 3,499 grams | | 3,500 to 3,999 grams | |
|---|-------------------------|-------|-------------------------|-------|-------------------------|-------|-------------------------|------|
| | No. | % | No. | % | No. | % | No. | % |
| Classified (P39.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Infection Specific to the Perinatal Period | | | | | | | | |
| Unspecified (P39.9) | 7 | 7.3 | 20 | 20.8 | 12 | 12.5 | 8 | 8.3 |
| Fetal Blood Loss from Vasa Praevia (P50.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Fetal Blood Loss from Placenta (P50.2) | 3 | 30.0 | 2 | 20.0 | 1 | 10.0 | - | 0.0 |
| Other Fetal Blood Loss (P50.8) | - | 0.0 | 1 | 50.0 | 1 | 50.0 | - | 0.0 |
| Fetal Blood Loss, Unspecified (P50.9) | 2 | 28.6 | 1 | 14.3 | - | 0.0 | - | 0.0 |
| Intracerebral (Nontraumatic) Haemorrhage of Fetus and Newborn (P52.4) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| ABO Isoimmunization of Fetus and Newborn (P55.1) | - | 0.0 | - | 0.0 | 1 | 50.0 | 1 | 50.0 |
| Haemolytic Disease of Fetus and Newborn (P55.9) | 2 | 22.2 | 1 | 11.1 | 1 | 11.1 | - | 0.0 |
| Hydrops Fetalis due to other and Unspecified Haemolytic Disease (P56.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Anaemia of Prematurity (P61.2) | 4 | 28.6 | 2 | 14.3 | 2 | 14.3 | 3 | 21.4 |
| Other Congenital Anaemias, Not Elsewhere Classified (P61.4) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Perinatal Haematological Disorders (P61.8) | 2 | 50.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Perinatal Haematological Disorder, Unspecified (P61.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Syndrome of Infant of Mother with Gestational Diabetes (P70.0) | - | 0.0 | - | 0.0 | 1 | 25.0 | - | 0.0 |
| Syndrome of Infant of a Diabetic Mother (P70.1) | 2 | 8.7 | 3 | 13.0 | 3 | 13.0 | 4 | 17.4 |
| Transitory Disorder of Carbohydrate Metabolism of Fetus and Newborn, Unspecified (P70.9) | 1 | 33.3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Meconium Plug Syndrome (P76.0) | 31 | 14.2 | 57 | 26.1 | 46 | 21.1 | 21 | 9.6 |
| Other Specified Intestinal Obstruction of Newborn (P76.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Perinatal Digestive System Disorder, Unspecified (P78.9) | 1 | 50.0 | 1 | 50.0 | - | 0.0 | - | 0.0 |
| Hydrops Fetalis not due to Haemolytic Disease (P83.2) | 6 | 9.0 | 6 | 9.0 | 3 | 4.5 | - | 0.0 |
| Other and Unspecified Oedema Specific to Fetus and Newborn (P83.3) | - | 0.0 | 1 | 33.3 | - | 0.0 | - | 0.0 |
| Condition of Integument Specific to Fetus and Newborn, Unspecified (P83.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Fetal Death of Unspecified Cause (P95) | 33 | 1.5 | 452 | 20.5 | 296 | 13.4 | 133 | 6.0 |
| Other Specified Conditions Originating in the Perinatal Period (P96.8) | 1 | 8.3 | 2 | 16.7 | 1 | 8.3 | 2 | 16.7 |
| Condition Originating in the Perinatal Period, Unspecified (P96.9) | 1 | 5.9 | 2 | 11.8 | 3 | 17.6 | - | 0.0 |
| Anencephaly (Q00.0) | 14 | 11.5 | 17 | 13.9 | 11 | 9.0 | 5 | 4.1 |
| Nasofrontal Encephalocele (Q01.1) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Encephalocele, Unspecified (Q01.9) | - | 0.0 | - | 0.0 | 2 | 100.0 | - | 0.0 |
| Microcephaly (Q02) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Malformations of Aqueduct of Sylvius (Q03.0) | 5 | 8.5 | 8 | 13.6 | 10 | 16.9 | 8 | 13.6 |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT

Number and Percent Distribution

Philippines, 1999

| CAUSES | 2,000 to 2,499 grams | | 2,500 to 2,999 grams | | 3,000 to 3,499 grams | | 3,500 to 3,999 grams | |
|---|-------------------------|-------|-------------------------|-------|-------------------------|-------|-------------------------|------|
| | No. | % | No. | % | No. | % | No. | % |
| Other Congenital Hydrocephalus (Q03.8) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Hydrocephalus, Unspecified (Q03.9) | 1 | 16.7 | 1 | 16.7 | - | 0.0 | 1 | 16.7 |
| Holoprosencephaly (Q04.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Brain, Unspecified (Q04.9) | 1 | 25.0 | - | 0.0 | 1 | 25.0 | - | 0.0 |
| Congenital Malformation of Nervous System, Unspecified (Q07.9) | 1 | 50.0 | - | 0.0 | 1 | 50.0 | - | 0.0 |
| Macrostomia (Q18.4) | - | 0.0 | - | 0.0 | 1 | 20.0 | 1 | 20.0 |
| Other Specified Congenital Malformations of Face and Neck (Q18.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Discordant Ventriculoarterial Connection (Q20.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Cardiac Chambers and Connections (Q20.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Aortic and Mitral Valves (Q23.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Dextrocardia (Q24.0) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Heart Unspecified (Q24.9) | 4 | 8.9 | 5 | 11.1 | 6 | 13.3 | 2 | 4.4 |
| Patent Ductus Arteriosus (Q25.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Larynx, Unspecified (Q31.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Hypoplasia and Dysplasia of Lung (Q33.6) | 1 | 33.3 | 2 | 66.7 | - | 0.0 | - | 0.0 |
| Anomaly of Pleura (Q34.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Respiratory System, Unspecified (Q34.9) | - | 0.0 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Cleft Palate, Unspecified, Bilateral (Q35.8) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cleft Palate, Unspecified, Unilateral (Q35.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cleft Lip, Unilateral (Q36.9) | 2 | 66.7 | - | 0.0 | 1 | 33.3 | - | 0.0 |
| Unspecified Cleft Palate with Cleft Lip, Unilateral (Q37.9) | 1 | 25.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Upper Alimentary Tract, Unspecified (Q40.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 50.0 |
| Congenital Absence, Atresia and Stenosis of Anus without Fistula (Q42.3) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Intestine (Q43.8) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Intestine, Unspecified (Q43.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Liver (Q44.7) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Digestive System, Unspecified (Q45.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Doubling of Uterus with Doubling of Cervix and Vagina (Q51.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Doubling of Uterus (Q51.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Bicornate Uterus (Q51.3) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Female Genitalia (Q52.8) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Testis and | | | | | | | | |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | 2,000 to 2,499 grams | | 2,500 to 2,999 grams | | 3,000 to 3,499 grams | | 3,500 to 3,999 grams | |
|---|-------------------------|-------|-------------------------|-------|-------------------------|-------|-------------------------|------|
| | No. | % | No. | % | No. | % | No. | % |
| Scrotum (Q55.2) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Absence and Agenesis of Penis (Q55.5) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Male Genital Organ Unspecified (Q55.9) | 1 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Renal Agencies, Unspecified (Q60.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Cystic Kidney Diseases (Q61.8) | - | 0.0 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Congenital Malformation of Urinary System, Unspecified (Q64.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Talipes Equinovarus (Q66.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Deformities of Skull, Face and Jaw (Q67.4) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Polydactyly, Unspecified (Q69.9) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Fused Fingers (Q70.0) | - | 0.0 | - | 0.0 | 1 | 100.0 | - | 0.0 |
| Syndactyly, Unspecified (Q70.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Complete Absence of Upper Limb(s) (Q71.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Absence of Foot and Toe(s) (Q72.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Phocomelia, Unspecified Limb(s) (Q73.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Unspecified Congenital Malformation of Limb(s) (Q74.9) | 2 | 100.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Craniosynostosis (Q75.0) | 1 | 33.3 | - | 0.0 | - | 0.0 | - | 0.0 |
| Macrocephaly (Q75.3) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Skull and Face Bones (Q75.8) | - | 0.0 | 2 | 40.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Skull and Face Bones, Unspecified (Q75.9) | 1 | 10.0 | 3 | 30.0 | 1 | 10.0 | 1 | 10.0 |
| Achondroplasia (Q77.4) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Diaphragmatic Hernia (Q79.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Exomphalos (Q79.2) | - | 0.0 | 1 | 20.0 | - | 0.0 | - | 0.0 |
| Gastroschisis (Q79.3) | - | 0.0 | 1 | 16.7 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Musculoskeletal System, Unspecified (Q79.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 25.0 |
| Other Specified Congenital Malformations of Skin (Q82.8) | - | 0.0 | 1 | 100.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Integument (Q84.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Conjoined Twins (Q89.4) | 2 | 20.0 | 4 | 40.0 | - | 0.0 | - | 0.0 |
| Multiple Congenital Malformations, Not Elsewhere Classified (Q89.7) | 16 | 11.9 | 16 | 11.9 | 2 | 1.5 | 4 | 3.0 |
| Other Specified Congenital Malformations (Q89.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation, Unspecified (Q89.9) | 13 | 9.1 | 16 | 11.2 | 17 | 11.9 | 2 | 1.4 |
| Down's Syndrome, Unspecified (Q90.9) | 3 | 30.0 | - | 0.0 | 2 | 20.0 | - | 0.0 |
| Trisomy 13, Translocation (Q91.6) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Male with Sex Chromosome Mosaicism (Q98.7) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Chromosomal Abnormality, Unspecified (Q99.9) | - | 0.0 | - | 0.0 | 1 | 12.5 | - | 0.0 |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | 4,000 to 4,499 grams | | 4,500 to 4,999 grams | | 5,000 to and over | | Not Stated | |
|--|-------------------------|------------|-------------------------|------------|----------------------|------------|---------------|-------------|
| | No. | % | No. | % | No. | % | No. | % |
| TOTAL | 132 | 1.3 | 57 | 0.6 | 21 | 0.2 | 3,231 | 32.8 |
| Light for Gestational Age (P05.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Small for Gestational Age (P05.1) | - | 0.0 | - | 0.0 | - | 0.0 | 3 | 17.6 |
| Fetal Malnutrition without Mention of Light or Small for Gestational Age (P05.2) | 1 | 10.0 | - | 0.0 | - | 0.0 | 2 | 20.0 |
| Slow Fetal Growth, Unspecified Fetal Growth Retardation NOS (P05.9) | - | 0.0 | - | 0.0 | - | 0.0 | 3 | 10.7 |
| Extremely Low Birth Weight (P07.0) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 0.3 |
| Other Low Birth Weight (P07.1) | 1 | 0.1 | - | 0.0 | - | 0.0 | 5 | 0.4 |
| Extreme Immaturity (P07.2) | - | 0.0 | - | 0.0 | 1 | 0.1 | 295 | 40.2 |
| Other Preterm Infants (P07.3) | 18 | 0.8 | 2 | 0.1 | 1 | 0.0 | 802 | 35.5 |
| Exceptionally Large Baby (P08.0) | - | 0.0 | 44 | 72.1 | 15 | 24.6 | 2 | 3.3 |
| Other Heavy for Gestational Age Infants (P08.1) | 76 | 96.2 | - | 0.0 | - | 0.0 | 3 | 3.8 |
| Post-Term Infant, Not Heavy for Gestational Age (P08.2) | 7 | 3.2 | 3 | 1.4 | 1 | 0.5 | 61 | 27.6 |
| Unspecified Intracranial Laceration and Haemorrhage due to Birth Injury (P10.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 33.3 |
| Cerebral Oedema due to Birth Injury (P11.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Brain Damage due to Birth Injury (P11.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Birth Injuries to Skull (P13.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Birth Injury, Unspecified (P15.9) | 1 | 5.9 | - | 0.0 | - | 0.0 | 8 | 47.1 |
| Intrauterine Hypoxia First Noted Before Onset of Labor (P20.0) | - | 0.0 | - | 0.0 | - | 0.0 | 77 | 25.0 |
| Intrauterine Hypoxia First Noted During Labour and Delivery (P20.1) | - | 0.0 | - | 0.0 | - | 0.0 | 87 | 35.8 |
| Intrauterine Hypoxia, Unspecified (P20.9) | - | 0.0 | - | 0.0 | - | 0.0 | 230 | 54.1 |
| Congenital Pneumonia, Unspecified (P23.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Massive Pulmonary Haemorrhage Originating in the Perinatal Period (P26.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Unspecified Pulmonary Haemorrhage Originating in the Perinatal Period (P26.9) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 100.0 |
| Wilson-Mikity Syndrome (P27.0) | - | 0.0 | - | 0.0 | - | 0.0 | 9 | 64.3 |
| Bronchopulmonary Dysplasia Originating in the Perinatal Period (P27.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Chronic Respiratory Diseases Originating in the Perinatal Period (P27.8) | - | 0.0 | - | 0.0 | - | 0.0 | 32 | 56.1 |
| Unspecified Chronic Respiratory Disease Originating in the Perinatal Period (P27.9) | - | 0.0 | - | 0.0 | - | 0.0 | 5 | 41.7 |
| Other Cardiovascular Disorders Originating in the Perinatal Period (P29.8) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 50.0 |
| Cardiovascular Disorder Originating in the Perinatal Period, Unspecified (P29.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Viral Diseases (P35.8) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Congenital Viral Disease, Unspecified (P35.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Infections and Parasitic Diseases (P37.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Intra-Amniotic Infection of Fetus Not Elsewhere | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | 4,000 to 4,499 grams | | 4,500 to 4,999 grams | | 5,000 to and over | | Not Stated | |
|---|-------------------------|------|-------------------------|-----|----------------------|-----|---------------|-------|
| | No. | % | No. | % | No. | % | No. | % |
| Classified (P39.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Infection Specific to the Perinatal Period | | | | | | | | |
| Unspecified (P39.9) | 2 | 2.1 | - | 0.0 | 1 | 1.0 | 32 | 33.3 |
| Fetal Blood Loss from Vasa Praevia (P50.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Fetal Blood Loss from Placenta (P50.2) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 10.0 |
| Other Fetal Blood Loss (P50.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Fetal Blood Loss, Unspecified (P50.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 14.3 |
| Intracerebral (Nontraumatic) Haemorrhage of Fetus and Newborn (P52.4) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| ABO Isoimmunization of Fetus and Newborn (P55.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Haemolytic Disease of Fetus and Newborn (P55.9) | - | 0.0 | - | 0.0 | - | 0.0 | 3 | 33.3 |
| Hydrops Fetalis due to other and Unspecified Haemolytic Disease (P56.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Anaemia of Prematurity (P61.2) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 14.3 |
| Other Congenital Anaemias, Not Elsewhere Classified (P61.4) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Perinatal Haematological Disorders (P61.8) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 50.0 |
| Perinatal Haematological Disorder, Unspecified (P61.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 50.0 |
| Syndrome of Infant of Mother with Gestational Diabetes (P70.0) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 25.0 |
| Syndrome of Infant of a Diabetic Mother (P70.1) | 4 | 17.4 | 1 | 4.3 | - | 0.0 | 4 | 17.4 |
| Transitory Disorder of Carbohydrate Metabolism of Fetus and Newborn, Unspecified (P70.9) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 66.7 |
| Meconium Plug Syndrome (P76.0) | 7 | 3.2 | 1 | 0.5 | - | 0.0 | 42 | 19.3 |
| Other Specified Intestinal Obstruction of Newborn (P76.8) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Perinatal Digestive System Disorder, Unspecified (P78.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Hydrops Fetalis not due to Haemolytic Disease (P83.2) | 1 | 1.5 | - | 0.0 | - | 0.0 | 22 | 32.8 |
| Other and Unspecified Oedema Specific to Fetus and Newborn (P83.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Condition of Integument Specific to Fetus and Newborn, Unspecified (P83.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 50.0 |
| Fetal Death of Unspecified Cause (P95) | 4 | 0.2 | - | 0.0 | 1 | 0.0 | 1,266 | 57.5 |
| Other Specified Conditions Originating in the Perinatal Period (P96.8) | - | 0.0 | - | 0.0 | - | 0.0 | 4 | 33.3 |
| Condition Originating in the Perinatal Period, Unspecified (P96.9) | - | 0.0 | - | 0.0 | - | 0.0 | 7 | 41.2 |
| Anencephaly (Q00.0) | - | 0.0 | 1 | 0.8 | - | 0.0 | 47 | 38.5 |
| Nasofrontal Encephalocele (Q01.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Encephalocele, Unspecified (Q01.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Microcephaly (Q02) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Malformations of Aqueduct of Sylvius (Q03.0) | 4 | 6.8 | 2 | 3.4 | 1 | 1.7 | 13 | 22.0 |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | 4,000 to 4,499 grams | | 4,500 to 4,999 grams | | 5,000 to and over | | Not Stated | |
|---|-------------------------|------|-------------------------|-----|----------------------|-----|---------------|-------|
| | No. | % | No. | % | No. | % | No. | % |
| Other Congenital Hydrocephalus (Q03.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Hydrocephalus, Unspecified (Q03.9) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 33.3 |
| Holoprosencephaly (Q04.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Brain, Unspecified (Q04.9) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 50.0 |
| Congenital Malformation of Nervous System, Unspecified (Q07.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Macrostomia (Q18.4) | 3 | 60.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Face and Neck (Q18.8) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Discordant Ventriculoarterial Connection (Q20.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Cardiac Chambers and Connections (Q20.8) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Other Congenital Malformations of Aortic and Mitral Valves (Q23.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Dextrocardia (Q24.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Heart Unspecified (Q24.9) | - | 0.0 | 1 | 2.2 | - | 0.0 | 21 | 46.7 |
| Patient Ductus Arteriosus (Q25.0) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Congenital Malformation of Larynx, Unspecified (Q31.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Hypoplasia and Dysplasia of Lung (Q33.6) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Anomaly of Pleura (Q34.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Respiratory System, Unspecified (Q34.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cleft Palate, Unspecified, Bilateral (Q35.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cleft Palate, Unspecified, Unilateral (Q35.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Cleft Lip, Unilateral (Q36.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Unspecified Cleft Palate with Cleft Lip, Unilateral (Q37.9) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 50.0 |
| Congenital Malformation of Upper Alimentary Tract, Unspecified (Q40.9) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 50.0 |
| Congenital Absence, Atresia and Stenosis of Anus without Fistula (Q42.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Intestine (Q43.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Intestine, Unspecified (Q43.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Liver (Q44.7) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Congenital Malformation of Digestive System, Unspecified (Q45.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Doubling of Uterus with Doubling of Cervix and Vagina (Q51.1) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Doubling of Uterus (Q51.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Bicornate Uterus (Q51.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Female Genitalia (Q52.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Congenital Malformations of Testis and | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |

Table 35

FETAL DEATHS BY CAUSE AND BIRTH WEIGHT
Number and Percent Distribution
Philippines, 1999

| CAUSES | 4,000 to 4,499 grams | | 4,500 to 4,999 grams | | 5,000 to and over | | Not Stated | |
|---|-------------------------|------|-------------------------|------|----------------------|-----|---------------|-------|
| | No. | % | No. | % | No. | % | No. | % |
| Scrotum (Q55.2) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Absence and Aplasia of Penis (Q55.5) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Male Genital Organ Unspecified (Q55.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Renal Agencies, Unspecified (Q60.2) | - | 0.0 | - | 0.0 | - | 0.0 | 3 | 50.0 |
| Other Cystic Kidney Diseases (Q61.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Malformation of Urinary System, Unspecified (Q64.9) | 1 | 50.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Talipes Equinovarus (Q66.0) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 50.0 |
| Other Congenital Deformities of Skull, Face and Jaw (Q67.4) | - | 0.0 | - | 0.0 | - | 0.0 | 2 | 100.0 |
| Polydactyly, Unspecified (Q69.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Fused Fingers (Q70.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Syndactyly, Unspecified (Q70.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Complete Absence of Upper Limb(s) (Q71.0) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Congenital Absence of Foot and Toe(s) (Q72.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Phocomelia, Unspecified Limb(s) (Q73.1) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Unspecified Congenital Malformation of Limb(s) (Q74.9) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Craniosynostosis (Q75.0) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Macrocephaly (Q75.3) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Skull and Face Bones (Q75.8) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 20.0 |
| Congenital Malformation of Skull and Face Bones, Unspecified (Q75.9) | - | 0.0 | - | 0.0 | - | 0.0 | 3 | 30.0 |
| Achondroplasia (Q77.4) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Congenital Diaphragmatic Hernia (Q79.0) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Exomphalos (Q79.2) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 20.0 |
| Gastroschisis (Q79.3) | - | 0.0 | - | 0.0 | - | 0.0 | 3 | 50.0 |
| Congenital Malformation of Musculoskeletal System, Unspecified (Q79.9) | 1 | 25.0 | - | 0.0 | - | 0.0 | 2 | 50.0 |
| Other Specified Congenital Malformations of Skin (Q82.8) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Other Specified Congenital Malformations of Integument (Q84.8) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Conjoined Twins (Q89.4) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 10.0 |
| Multiple Congenital Malformations, Not Elsewhere Classified (Q89.7) | 1 | 0.7 | 1 | 0.7 | - | 0.0 | 36 | 26.7 |
| Other Specified Congenital Malformations (Q89.8) | - | 0.0 | - | 0.0 | - | 0.0 | 3 | 100.0 |
| Congenital Malformation, Unspecified (Q89.9) | - | 0.0 | - | 0.0 | - | 0.0 | 47 | 32.9 |
| Down's Syndrome, Unspecified (Q90.9) | - | 0.0 | 1 | 10.0 | - | 0.0 | 2 | 20.0 |
| Trisomy 13, Translocation (Q91.6) | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 |
| Male with Sex Chromosome Mosaicism (Q98.7) | - | 0.0 | - | 0.0 | - | 0.0 | 1 | 100.0 |
| Chromosomal Abnormality, Unspecified (Q99.9) | - | 0.0 | - | 0.0 | - | 0.0 | 5 | 62.5 |

Table 36

**Fetal Deaths by Age of Mother & Birth Order
Philippines, 1999**

| Birth Order | Total Fetal Deaths | Age of Mother | | | | | | | | |
|-----------------------------------|--------------------|---------------|---------|---------|---------|---------|---------|---------|-----------|------------|
| | | Under 15 | 15 - 19 | 20 - 24 | 25 - 29 | 30 - 34 | 35 - 39 | 40 - 44 | 45 & Over | Not Stated |
| First | 2,379 | 6 | 397 | 938 | 597 | 272 | 137 | 15 | 3 | 14 |
| Second | 1,679 | 3 | 137 | 560 | 483 | 332 | 117 | 41 | 3 | 3 |
| Third | 1,186 | - | 26 | 257 | 379 | 301 | 162 | 51 | 1 | 9 |
| Fourth | 895 | - | 3 | 80 | 259 | 286 | 202 | 55 | 6 | 4 |
| Fifth | 603 | - | - | 31 | 123 | 201 | 174 | 66 | 6 | 2 |
| Sixth | 423 | - | - | 4 | 73 | 135 | 139 | 63 | 5 | 4 |
| Seventh | 274 | - | - | 3 | 23 | 61 | 115 | 63 | 8 | 1 |
| Eight & Over | 521 | - | - | - | 27 | 66 | 222 | 176 | 24 | 6 |
| Not Stated | 1,881 | 2 | 139 | 413 | 418 | 315 | 235 | 97 | 21 | 241 |
| Total Fetal Death | 9,841 | 11 | 702 | 2,286 | 2,382 | 1,969 | 1,503 | 627 | 77 | 284 |
| Percent | 100.0 | 0.1 | 7.1 | 23.2 | 24.2 | 20.0 | 15.3 | 6.4 | 0.8 | 2.9 |
| Rate* | 6.1 | 16.3 | 6.2 | 5.1 | 5.1 | 6.1 | 8.0 | 10.1 | 9.1 | 98.7 |
| Total Livebirths by Age of Mother | 1,613,335 | 673 | 113,532 | 450,797 | 462,803 | 324,516 | 187,669 | 62,051 | 8,416 | 2,878 |

* Per 1,000 livebirths of corresponding age-group of mother

Fetal Deaths by Age of Mother

Rate / 1,000 Livebirths

Philippines, 1999

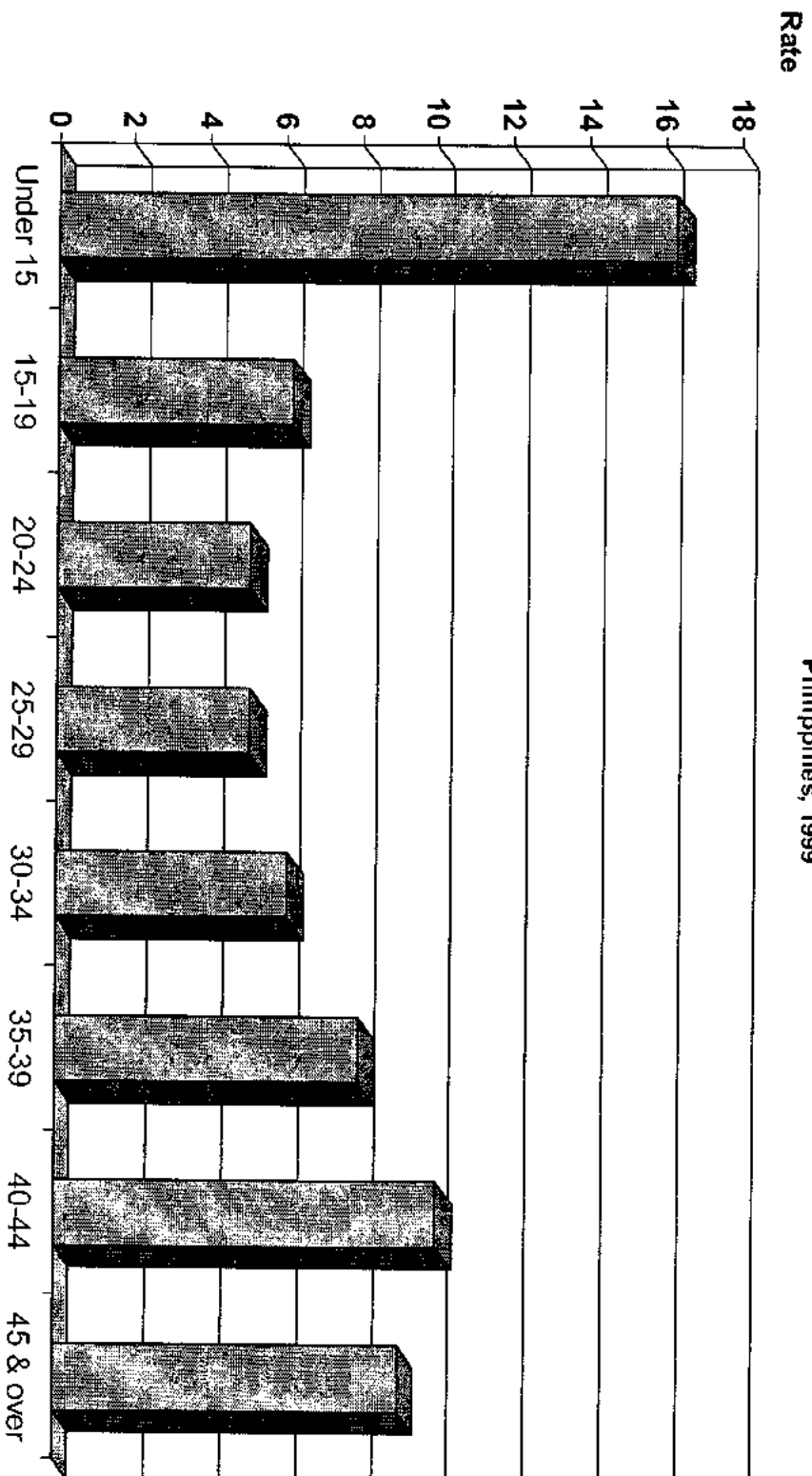


Figure 22

Table 37

Late Fetal Deaths by Age of Mother & Birth Order
Philippines, 1999

| Birth Order | Total Birth | Late Fetal Death | | Age of Mother | | | | | | | | |
|--------------|------------------|------------------|------------|---------------|------------|--------------|--------------|------------|------------|------------|-----------|------------|
| | | Number | Rate* | Less than 15 | 15 - 19 | 20 - 24 | 25 - 29 | 30 - 34 | 35 - 39 | 40 - 44 | 45 & Over | Not Stated |
| First | 487,456 | 1,266 | 2.7 | 3 | 209 | 482 | 321 | 158 | 77 | 11 | 1 | 4 |
| Second | 380,432 | 861 | 2.4 | 1 | 57 | 253 | 298 | 173 | 60 | 15 | 1 | 3 |
| Third | 266,610 | 603 | 2.4 | - | 12 | 122 | 192 | 158 | 89 | 26 | - | 4 |
| Fourth | 173,989 | 448 | 2.7 | - | 1 | 38 | 128 | 145 | 105 | 27 | 4 | - |
| Fifth | 111,270 | 266 | 2.5 | - | - | 14 | 11 | 111 | 93 | 33 | 4 | - |
| Sixth | 72,204 | 221 | 3.1 | - | - | 3 | 40 | 71 | 70 | 33 | 3 | 1 |
| Seventh | 46,438 | 148 | 3.2 | - | - | 1 | 13 | 35 | 55 | 37 | 6 | 1 |
| Eight & Over | 70,913 | 277 | 3.7 | - | - | - | 15 | 33 | 127 | 87 | 15 | - |
| Not Stated | 4,023 | 612 | 8.1 | - | 42 | 151 | 155 | 114 | 84 | 37 | 12 | 17 |
| Total | 1,613,335 | 4,702 | 2.9 | 4 | 321 | 1,064 | 1,173 | 998 | 760 | 306 | 46 | 30 |

* Per 1,000 livebirths of their respective birth order

Table 38

Ten (10) Leading Causes of Child Mortality
by Age- Group & Sex
Number & Rate / 100,000 Population
Philippines, 1999

| Cause | 1-4 Years | | | |
|--|-----------|--------|------------|-------|
| | Male | Female | Both Sexes | Rate* |
| 1. Pneumonia | 1,441 | 1,271 | 2,712 | 35.64 |
| 2. Accidents | 794 | 446 | 1,240 | 16.30 |
| 3. Diarrheal Diseases | 531 | 398 | 929 | 12.21 |
| 4. Congenital Anomalies | 309 | 301 | 610 | 8.02 |
| 5. Avitaminoses and other Nutritional Deficiency | 265 | 255 | 520 | 6.83 |
| 6. Malignant Neoplasms | 224 | 173 | 397 | 5.22 |
| 7. Septicemia | 215 | 163 | 378 | 4.97 |
| 8. Chronic Lower Respiratory Disease | 154 | 134 | 288 | 3.79 |
| 9. Measles | 137 | 129 | 266 | 3.50 |
| 10. Other Diseases of the Nervous System | 147 | 114 | 261 | 3.43 |

| Cause | 5-9 Years | | | |
|--|-----------|--------|------------|-------|
| | Male | Female | Both Sexes | Rate* |
| 1. Accidents | 988 | 543 | 1,531 | 16.63 |
| 2. Pneumonia | 320 | 302 | 622 | 6.76 |
| 3. Malignant Neoplasms | 220 | 126 | 346 | 3.76 |
| 4. Diarrheal Diseases | 173 | 115 | 288 | 3.13 |
| 5. Congenital Anomalies | 134 | 132 | 266 | 2.89 |
| 6. Other Diseases of the Nervous System | 97 | 65 | 162 | 1.76 |
| 7. Tuberculosis, All Forms | 86 | 60 | 146 | 1.59 |
| 8. Septicemia | 79 | 59 | 138 | 1.50 |
| 9. Avitaminoses and Other Nutritional Deficiency | 77 | 50 | 127 | 1.38 |
| 10. Nephritis, Nephrotic Syndrome and Nephrosis | 62 | 34 | 96 | 1.04 |

| Cause | 10-14 Years | | | |
|---------------------------------------|-------------|--------|------------|-------|
| | Male | Female | Both Sexes | Rate* |
| 1. Accidents | 849 | 379 | 1,228 | 14.39 |
| 2. Diseases of the Heart | 198 | 207 | 405 | 4.75 |
| 3. Pneumonia | 197 | 186 | 383 | 4.49 |
| 4. Malignant Neoplasms | 207 | 154 | 361 | 4.23 |
| 5. Congenital Anomalies | 95 | 82 | 177 | 2.07 |
| 6. Tuberculosis, All Forms | 97 | 76 | 173 | 2.03 |
| 7. Diarrheal Diseases | 89 | 62 | 151 | 1.77 |
| 8. Septicemia | 63 | 40 | 103 | 1.21 |
| 9. Rabies | 64 | 28 | 92 | 1.08 |
| 10. Chronic Lower Respiratory Disease | 44 | 28 | 72 | 0.84 |

* rate per 100,000 population of corresponding age-group

Table 39

Mortality Among Immunizable Diseases
(Under 1; 1 - 4; 5 - 9; 10 - 14 Years)
Number & Rate/100,000 Population
Philippines, 1999

| Cause | Under 1 | | 1 - 4 Years | | 5 - 9 Years | | 10 - 14 Years | |
|--|---------|------|-------------|------|-------------|------|---------------|------|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1. Measles (B05) | 241 | 12.3 | 266 | 3.5 | 29 | 0.3 | 10 | 0.1 |
| 2. Tetanus (A35) | 125 | 6.4 | 25 | 0.3 | 39 | 0.4 | 59 | 0.7 |
| 3. Tuberculosis of Meninges (A17) | 31 | 1.6 | 100 | 1.3 | 88 | 1.0 | 52 | 0.6 |
| 4. Diphtheria (A36) | 1 | 0.1 | 6 | 0.1 | 3 | 0.0 | 2 | 0.0 |
| 5. Other Tuberculosis (A14-A18;B90) | 2 | 0.1 | 7 | 0.1 | 9 | 0.1 | 21 | 0.2 |
| 6. Acute Poliomyelitis, including late effects (A80) | - | - | 4 | 0.1 | 4 | 0.0 | 6 | 0.1 |

* rate per 100,000 population of corresponding age-group