

The 2009 Philippine Health Statistics

Department of Health
NATIONAL EPIDEMIOLOGY CENTER



Republic of the Philippines
Department of Health
NATIONAL EPIDEMIOLOGY CENTER
Manila

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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.

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).

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 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 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 with 28 or more completed weeks of gestation.

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 groups of age) etc. and the total number 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.

TOTAL FERTILITY RATE (TFR) – refers to the number of children a woman would have by the time she reaches age 50 under a given fixed fertility schedule. It is sometimes referred to as completed family size. It is the average number of births per 100 females aged 15-49 years.

USUAL RESIDENCE – refers to the place where the person/deceased 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 Ratio

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

Fetal Death Rate

$$\text{FDR} = \frac{\text{Total no. of fetal deaths registered in a given calendar year}}{\text{Total no. of births (livebirths and fetal deaths) registered of same year}} \times 1,000$$

Incidence Rate (IR)

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

Infant Mortality Rate (IMR)

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

Maternal Mortality Rate (MMR)

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

Neonatal Death Rate (NDR)

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

Prevalence Rate (PR)

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

Proportionate Mortality (PM)

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

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

The *Philippine Health Statistics (PHS)* series is the Department of Health's (DOH) annual publication that compiles statistics on vital health events. It provides comprehensive summary of the country's current statistics on Natality, Morbidity and Mortality.

The *PHS* is a product of the collaborative and coordinated efforts of the National Statistics Office (NSO), this Department and our partners from the local health units. The statistical data on births, deaths and population estimates were provided by the NSO and data on notifiable diseases were collected through the DOH's Field Health Service Information System (FHSIS). The data from these two sources were summarized, analysed, interpreted and presented in tables and graphs for a more meaningful and useful information.

In addition, morbidity and notifiable diseases data were incorporated to give a comprehensive comparison between morbidity and mortality statistics

The *PHS* is intended to serve as one of the bases of health administrators at various levels for planning, implementation and assessment of health programs and services. . These data can also be utilized to assess costs of health care, identify needed prevention targets for health programs and these are important tools not only for planning but also for monitoring and evaluation of health programs. Likewise, statistical data in this publication can also be beneficial to the researchers, academicians and local government executives.

The Department of Health (DOH) through the National Epidemiology Center (NEC), as an advocate for evidence-based decision making at all levels of the public health systems, believes that vital health statistics provide some measures of progress of the nation, thus, the *2009 Philippine Health Statistics* is hereby presented

A. SOURCES OF DATA

1. *Natality and Mortality 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. Summary tables on births, deaths, infant and fetal deaths were taken from the said Office. The basis of the registration of vital events regarding births and deaths is 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 also the officials designated in their respective city charters, generally the City Health Officers, while in regular municipalities and municipal districts, the municipal treasurers and municipal district treasurers act as local civil registrar 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 of the NSO for processing and archiving.

Statistics were obtained from Death Certificate (Municipal Form No. 103) and Certificate of Live Birth (Municipal Form No. 102).

The Vital Statistics Division of the NSO consolidates and tabulates total counts of registered live births and deaths. Fetal and infant deaths have separate table for deaths by cause, while, causes of maternal death were lifted from deaths by age group and by cause.

By virtue of a Memorandum of Agreement between the NSO and DOH, the former furnishes the DOH copies of summary tables of the number of live births and deaths. The latter then computes rates and percentages of different indicators significant to the needs of its various clients and stakeholders. Some tables come with graphs and textual analysis for better understanding and utilization of data.

2. Notifiable Disease Statistics

Data on Notifiable Diseases is based on information submitted by health personnel of different Rural Health Units (RHUs), City Health Offices (CHOs) or Provincial Health Offices (PHOs) and Municipal Health Offices (MHOs). The Law on Reporting of Notifiable Diseases (Act 3573) mandates the immediate reporting of any Notifiable Disease to the nearest health officer. All field health officers, by means of established reporting mechanism (Memorandum Order No. 51-a.s. 1960) submit weekly morbidity reports (Forms W1-a and W1-b) to the National Epidemiology Center (NEC) 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.

On July 27, 2001, a DOH Department Circular No. 176, series of 2001 was issued for a revised list of Notifiable or Reportable Diseases which now includes the ICD-10 code of each case except for Acute Watery Diarrhea and Acute Bloody Diarrhea.

3. Population Statistics

The 2000 Census-Based National, Regional and Provincial Population Projection of the National Statistics Office (NSO) was 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. The base population used in these projections was the population enumerated during the 2000 Census of Population and Housing (CPH).

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

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 that were political divisions of the country. There are seventeen (17) regions, seventy-nine (79) provinces and one hundred twenty-one (121) cities. The National Capital Region (NCR) has one (1) more municipality which is Pateros. There is no classification as to whether it is rural or urban because of the lack of established criteria.

Natality and mortality data were classified geographically either by place of occurrence or by usual residence. 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 birth or 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 data by place of occurrence considered the actual place in the Philippines where vital event occurred not prioritizing 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 submitted with the age not recorded or the date of birth not indicated. Thus, misstatement of age on vital records may be assumed to some degree. The age classification or age groupings used in this report are consistent with those recommended for international use by the World Health Organization.

3. Diseases and Causes of Death

Morbidity and Mortality statistics in this publication were 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, 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 specific as possible.

4. Sex

Classification by sex is made in relation to other factors such as age, and geographical location. Thus, some tabulation 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 not only on health but also in some aspects too like, transport, agricultural production, employment, housing, among others. They are very useful for a variety of administrative and research purposes. However, they cannot correctly be interpreted unless pertinent qualifying factors are taken into consideration.

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

1. Small Frequencies

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

2. *Computation of Statistical Indices*

In the computation of statistical indices for the Philippines and each 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 and maternal death rates and fetal death ratio are per 1,000 live births; and the specific diseases morbidity and mortality rates classified either by age, sex or age and sex are computed per 100,000 population. If it is further tabulated by age, it is computed per 100,000 population of that specific age group.

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 under registration 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 may not be included in the report unless these private practitioners submit Notifiable Diseases or report to their respective city or provincial health offices. 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, 1995 and 2000.

The population from 1996 to 2002 in this report were projected from the 1995 census. While, population onwards up to the current year (2009), the population base is the 2000 census, except for the year 2007, which is the official result of the 2007 Census of Population. The base population for the projections were generated from the national, regional and provincial population data as obtained from 2000 census. To ascertain the accuracy of age reporting and the completeness of enumeration, the results of the censuses were assessed separately as well as jointly with other existing data.

Philippine Health Picture

1989- 2009



PROJECTED POPULATION
Increased from 60,096,988 to 92,226,600
53% Increase



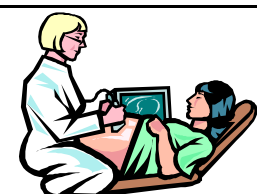
CRUDE BIRTH RATE
Decreased from 26.0 to 18.9
27% Decrease



CRUDE DEATH RATE
Decreased from 5.4 to 5.2
4% Decrease



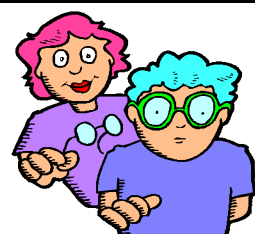
INFANT DEATH RATE
Declined from 27.5 to 12.4
55% Decrease



MATERNAL DEATH RATE
Declined from 1.0 to 0.9
10% Decrease



FETAL DEATH RATIO
Declined from 7.3 to 4.6
37% Decrease



**2009 LIFE EXPECTANCY
AT BIRTH**
Male: 66 years Female: 71 years
Both Sexes 68 years

Table 1

ESTIMATED POPULATION BY SEX
Philippines, 1959-2009

Year	Both Sexes	Male	Female
2009	92,226,600	46,368,900	45,857,700
2008	90,457,200	45,483,100	44,974,100
2007*	88,566,732	44,757,788	43,788,299
2006	86,972,500	43,742,100	43,230,400
2005	85,261,000	42,887,300	42,373,700
2004	83,558,700	42,037,200	41,521,500
2003	81,081,457	40,820,706	40,260,751
2002	79,503,675	40,031,449	39,472,226
2001	77,925,894	39,242,185	40,031,449
2000	76,348,114	38,452,927	37,895,187
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

*2007 Population is from the 2007 Census of Population

2007 male and female population do not add up to both sexes because male and female population do not include Filipinos from Phil. Embassies, Consulates and Mission Abroad.

Table 2

ESTIMATED POPULATION
By Region, Province & City
Philippines, 2009

Area	Population	Area	Population
PHILIPPINES	92,226,600	REGION II - CAGAYAN VALLEY	3,307,100
NATIONAL CAPITAL REGION	11,403,300	Batanes	20,100
City of Manila	1,820,055	Cagayan	1,022,317
City of Mandaluyong	320,564	Isabela	1,260,863
City of Marikina	450,293	Nueva Vizcaya	439,000
City of Pasig	581,395	Quirino	173,800
Quezon City	2,502,395	Tuguegarao City	140,483
City of San Juan	135,468	City of Cauayan	121,426
Kalookan City	1,355,593	City of Santiago	129,111
City of Malabon	390,071		
City of Valenzuela	558,804	REGION III - CENTRAL LUZON	9,964,300
City of Navotas	265,227	Aurora	215,300
City of Las Piñas	544,238	Bataan	579,935
City of Makati	512,107	Bulacan	2,065,942
City of Muntinlupa	436,641	Nueva Ecija	1,338,097
City of Parañaque	517,798	Pampanga	1,664,664
Pasay City	408,551	Tarlac	951,610
City of Taguig	538,017	Zambales	505,947
Pateros	66,084		
CORDILLERA ADMINISTRATIVE REGION	1,659,800	City of Balanga	84,065
Abra	240,700	City of Malolos	226,400
Apayao	120,600	City of Meycauayan	210,573
Benguet	406,686	City of San Jose Del Monte	407,885
Ifugao	197,400	Cabanatuan City	258,692
Kalinga	215,100	City of Gapan	103,541
Mt. Province	171,000	Science City of Muñoz	76,131
		Palayan City	36,278
Baguio City	308,314	San Jose City	125,660
		Angeles City	317,606
REGION I - ILOCOS	5,073,100	City of San Fernando	263,130
Ilocos Norte	488,852	City of Tarlac	307,490
Ilocos Sur	576,959	Olangapo City	225,353
La Union	685,283		
Pangasinan	2,405,753	REGION IVA - CALABARZON	11,653,000
		Batangas	1,590,276
Laoag City	109,448	Cavite	2,578,306
City of Candon	58,243	Laguna	1,566,023
City of Vigan	51,998	Quezon	1,742,725
City of San Fernando	125,117	Rizal	1,599,845
City of Alaminos	89,373		
Dagupan City	158,586	Batangas City	295,169
San Carlos City	187,712	Lipa City	260,428
City of Urdaneta	135,776	City of Tanauan	140,127
		Cavite City	134,721
		Tagaytay City	61,400
		Trece Martires City	56,473
		City of Calamba	336,762
		San Pablo City	249,059
		City of Santa Rosa	222,355
		Lucena City	228,975
		City of Antipolo	590,355

*2009 estimated population is a 2000 census-based projected population

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

Sum of Provincial Population may not add up to Regional Population due to rounding off.

Table 2

ESTIMATED POPULATION
By Region, Province & City
Philippines, 2009

Area	Population	Area	Population
REGION IVB - MIMAROPA	2,941,400	REGION VII - CENTRAL VISAYAS	6,890,800
Marinduque	266,300	Bohol	1,248,407
Occidental Mindoro	489,600	Cebu	2,194,348
Oriental Mindoro	728,241	Negros Oriental	873,248
Palawan	784,710	Siquijor	92,100
Romblon	327,900		
		Tagbilaran City	90,893
Calapan City	132,959	Cebu City	879,739
Puerto Princesa City	211,690	Danao City	120,895
		Lapu-Lapu City	265,602
REGION V - BICOL	5,604,600	Mandaue City	317,872
		City of Talisay	181,267
Albay	873,442	Toledo City	172,778
Camarines Norte	554,500	Bais City	79,540
Camarines Sur	1,595,511	City of Bayawan	118,398
Catanduanes	251,500	Canlaon City	54,356
Masbate	767,621	Dumaguete City	119,419
Sorsogon	676,120	City of Tanjay	81,939
Legazpi City	184,793	REGION VIII - EASTERN VISAYAS	4,358,900
City of Ligao	106,635		
City of Tabaco	126,129	Biliran	172,000
Iriga City	106,415	Eastern Samar	452,200
Naga City	164,974	Leyte	1,507,356
City of Masbate	85,679	Northern Samar	618,100
City of Sorsogon	111,280	Samar	608,307
		Southern Leyte	341,337
REGION VI - WESTERN VISAYAS	7,432,400		
		Ormoc City	183,544
Aklan	537,500	Tacloban City	212,500
Antique	579,000	Calbayog City	179,893
Capiz	624,491	City of Maasin	83,663
Guimaras	172,600		
Iloilo	1,772,281	REGION IX - ZAMBOANGA PENINSULA	3,329,800
Negros Occidental	1,089,732		
		Zamboanga Del Norte	788,802
Roxas City	148,809	Zamboanga Del Sur	844,209
Iloilo City	433,474	Zamboanga Sibugay	601,200
City of Passi	82,344		
Bacolod City	513,262	Dapitan City	81,550
Bago City	169,527	Dipolog City	119,448
Cadiz City	169,806	Pagadian City	171,290
City of Escalante	94,617	Zamboanga City	723,301
City of Himamaylan	106,084		
City of Kabankalan	179,154		
La Carlota City	67,475		
Sagay City	155,225		
San Carlos City	141,462		
Silay City	128,857		
City of Sipalay	74,240		
City of Talisay	94,675		
City of Victorias	97,781		

*2009 estimated population is a 2000 census-based projected population

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

Sum of Provincial Population may not add up to Regional Population due to rounding off.

Table 2

ESTIMATED POPULATION
By Region, Province & City
Philippines, 2009

Area	Population	Area	Population
REGION X - NORTHERN MINDANAO	4,260,400	REGION XII - SOCCSKSARGEN	3,799,800
Bukidnon	978,085	Cotabato	1,046,695
Camiguin	89,400	Saranggani	520,600
Lanao del Norte	555,852	South Cotabato	705,667
Misamis Occidental	311,905	Sultan Kudarat	629,893
Misamis Oriental	705,139		
		City of Kidapawan	122,705
City of Malaybalay	152,095	General Santos City	513,814
City of Valencia	181,921	City of Koronadal	166,919
Iligan City	331,948	City of Tacurong	93,507
Oroquieta City	69,403		
Ozamis City	128,059	REGION XIII - CARAGA	2,501,400
Tangub City	57,634		
Cagayan de Oro City	572,141	Agusan del Norte	338,204
Gingoog City	126,820	Agusan del Sur	688,600
		Surigao del Norte	433,111
REGION XI - DAVAO	4,291,900	Surigao del Sur	473,588
Compostela Valley	692,100	Butuan City	313,196
Davao	402,492	Surigao City	140,589
Davao Del Sur	749,808	City of Bislig	114,112
Davao Oriental	517,600		
		AUTONOMOUS REGION OF MUSLIM MINDANAO	3,754,600
City of Panabo	153,029		
Island Garden City of Samal	94,376	Basilan	245,210
City of Tagum	205,103	Lanao del Sur	828,081
Davao City	1,332,042	Maguindanao	1,048,500
City of Digos	145,350	Sulu	722,900
		Tawi-tawi	396,600
		City of Isabela	89,000
		City of Lamitan	70,990
		Marawi City	161,319
		Cotabato City	192,000

*2009 estimated population is a 2000 census-based projected population

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

Sum of Provincial Population may not add up to Regional Population due to rounding off.

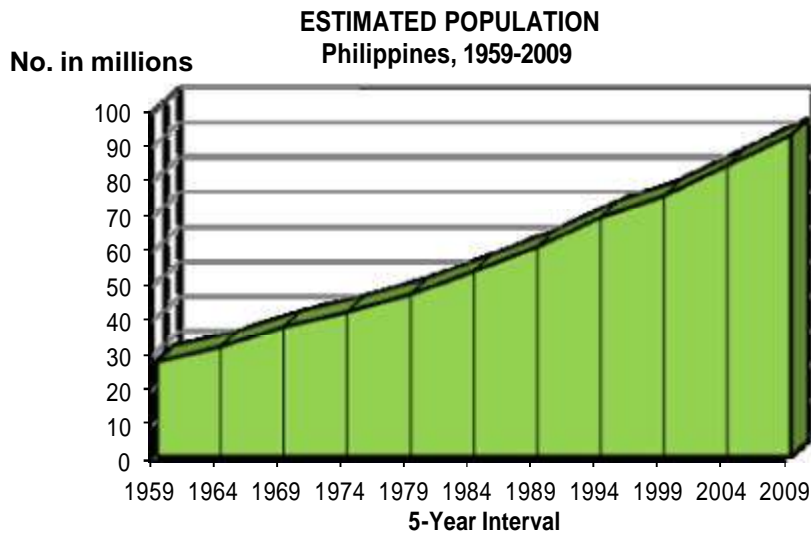


Figure 2

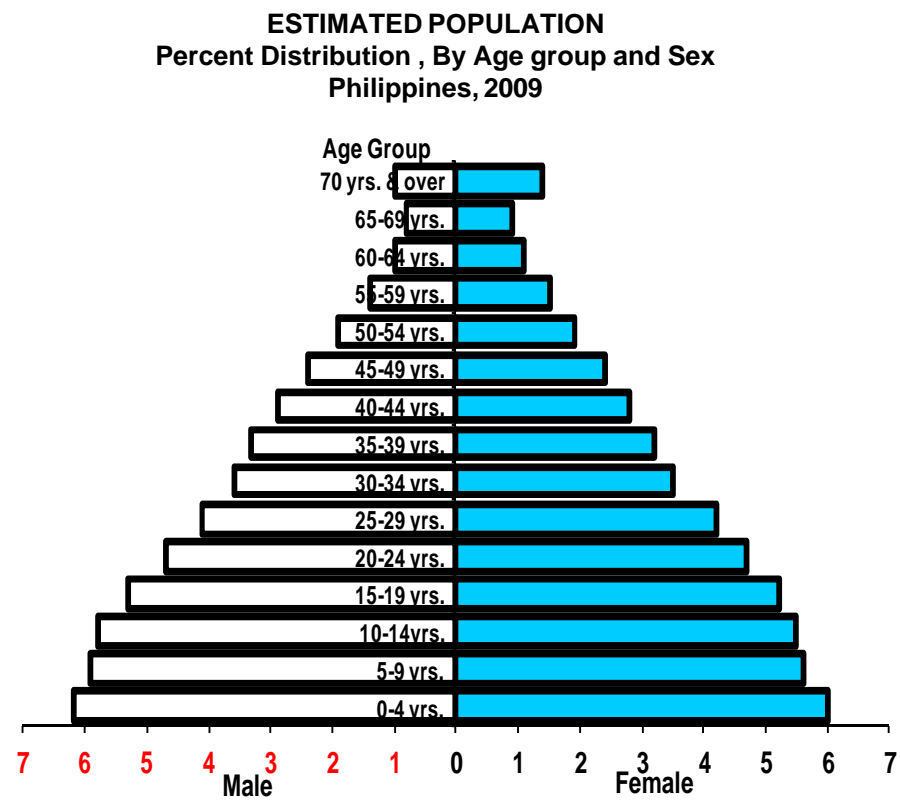


Figure 3

Table 3

ESTIMATED POPULATION
Number and Percent Distribution
By Age Group and Sex
Philippines, 2009

Age Group	Estimated Population			Percent*		
	Male	Female	Both Sexes	Male	Female	Both Sexes
All Ages	46,368,900	45,857,700	92,226,600	50.3	49.7	100.0
Under 1 yr.	1,146,343	1,089,286	2,235,629	1.2	1.2	2.5
1 - 4 yr.	4,607,915	4,430,798	9,038,713	5.0	4.8	10.0
5 - 9 yrs.	5,435,417	5,198,556	10,633,973	5.9	5.6	11.8
10 - 14 yrs.	5,329,786	5,105,918	10,435,704	5.8	5.5	11.5
15 - 19 yrs.	4,881,312	4,762,746	9,644,058	5.3	5.2	10.7
20 - 24 yrs.	4,301,908	4,299,988	8,601,896	4.7	4.7	9.5
25 - 29 yrs.	3,790,618	3,837,339	7,627,957	4.1	4.2	8.4
30 - 34 yrs.	3,295,545	3,267,549	6,563,094	3.6	3.5	7.3
35 - 39 yrs.	3,015,303	2,963,770	5,979,073	3.3	3.2	6.6
40 - 44 yrs.	2,640,675	2,563,348	5,204,023	2.9	2.8	5.8
45 - 49 yrs.	2,228,529	2,175,588	4,404,117	2.4	2.4	4.9
50 - 54 yrs.	1,754,647	1,722,571	3,477,218	1.9	1.9	3.8
55 - 59 yrs.	1,335,041	1,358,728	2,693,769	1.4	1.5	3.0
60 - 64 yrs.	927,004	983,089	1,910,093	1.0	1.1	2.1
65 - 69 yrs.	724,931	829,306	1,554,237	0.8	0.9	1.7
70 yrs. & Over	953,926	1,269,120	2,223,046	1.0	1.4	2.5

* Percent share to total population

Table 4

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, MATERNAL DEATHS & FETAL DEATHS
Number & Rate
Philippines, 1959- 2009

Year	Livebirths		Total Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate**	Number	Ratio**
2009	1,745,585	18.9	480,820	5.2	21,659	12.4	1,599	0.9	8,043	4.6
2008	1,784,316	19.7	461,581	5.1	22,351	12.5	1,731	1.0	8,306	4.7
2007	1,749,878	19.8	441,956	5.0	21,720	12.4	1,672	1.0	8,191	4.7
2006	1,663,029	19.1	441,036	5.1	21,764	13.1	1,721	1.0	8,458	5.1
2005	1,688,918	19.8	426,054	5.0	21,674	12.8	1,732	1.0	10,351	6.1
2004	1,710,994	20.5	403,191	4.8	22,557	13.2	1,833	1.1	8,935	5.2
2003	1,669,442	20.6	396,331	4.9	22,844	13.7	1,798	1.1	8,986	5.4
2002	1,666,773	21.0	396,297	5.0	23,778	14.3	1,804	1.1	9,341	5.6
2001	1,714,093	22.0	381,834	4.9	26,129	15.2	1,768	1.0	9,625	5.6
2000	1,766,440	23.1	366,931	4.8	27,714	15.7	1,698	1.0	10,360	5.9
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

* Per 1000 Population

** Per 1000 Livebirths

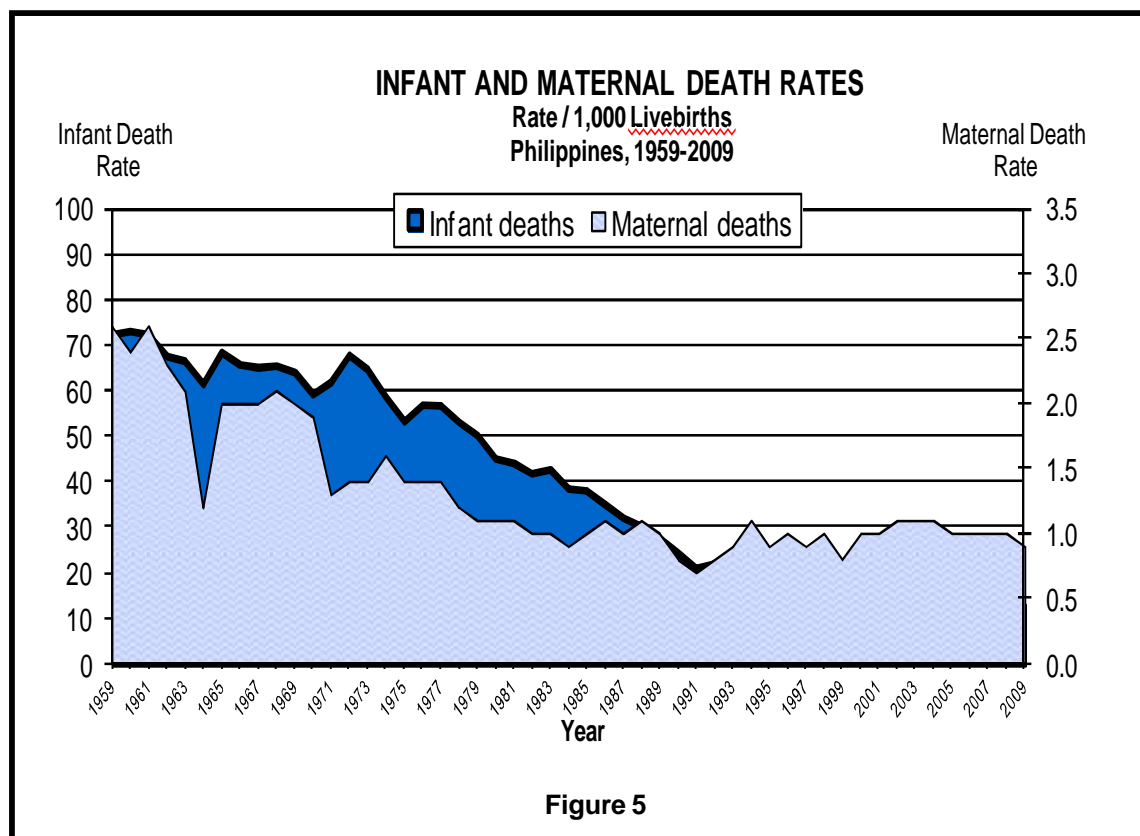
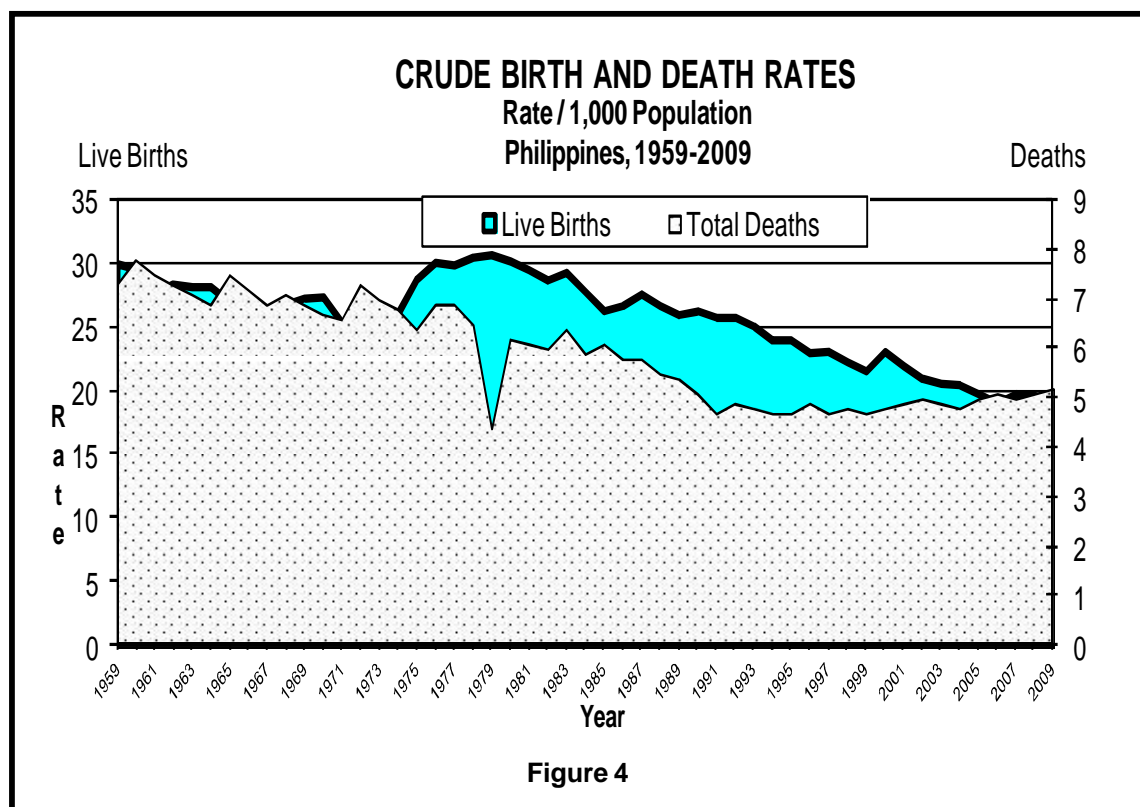


Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2009

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
PHILIPPINES	1,745,585	18.9	480,820	5.2	21,659	12.4	8,043	4.6	1,599	0.9
NCR	285,515	25.0	75,019	6.6	4,532	15.9	1,692	5.9	176	0.6
City of Manila	82,387	45.3	19,022	10.5	863	10.5	732	8.9	29	0.4
City of Mandaluyong	6,682	20.8	1,759	5.5	130	19.5	47	7.0	5	0.7
City of Marikina	9,122	20.3	2,963	6.6	152	16.7	63	6.9	10	1.1
City of Pasig	20,965	36.1	4,349	7.5	166	7.9	96	4.6	16	0.8
Quezon City	63,750	25.5	19,416	7.8	1,016	15.9	312	4.9	28	0.4
City of San Juan	3,021	22.3	838	6.2	30	9.9	19	6.3	2	0.7
Kalookan City	25,921	19.1	6,209	4.6	452	17.4	89	3.4	15	0.6
City of Malabon	3,488	8.9	1,527	3.9	142	40.7	-	0.0	4	1.1
City of Valenzuela	10,097	18.1	2,639	4.7	218	21.6	54	5.3	14	1.4
City of Navotas	2,421	9.1	1,225	4.6	151	62.4	6	2.5	7	2.9
City of Las Piñas	10,944	20.1	2,996	5.5	255	23.3	60	5.5	6	0.5
City of Makati	9,868	19.3	2,668	5.2	163	16.5	52	5.3	5	0.5
City of Muntinlupa	9,114	20.9	2,442	5.6	133	14.6	38	4.2	7	0.8
City of Parañaque	8,627	16.7	2,473	4.8	239	27.7	38	4.4	9	1.0
Pasay City	7,596	18.6	2,208	5.4	155	20.4	34	4.5	5	0.7
City of Taguig	10,804	20.1	2,070	3.8	247	22.9	50	4.6	13	1.2
Pateros	708	10.7	215	3.3	20	28.2	2	2.8	1	1.4
CAR	33,761	20.3	6,917	4.2	350	10.4	98	2.9	19	0.6
Abra	4,495	18.7	1,365	5.7	63	14.0	-	0.0	5	1.1
Apayao	1,646	13.6	290	2.4	9	5.5	1	0.6	1	0.6
Benguet	7,257	17.8	1,536	3.8	84	11.6	26	3.6	3	0.4
Ifugao	3,541	17.9	573	2.9	33	9.3	13	3.7	4	1.1
Kalinga	3,669	17.1	467	2.2	13	3.5	1	0.3	1	0.3
Mt. Province	2,977	17.4	725	4.2	42	14.1	29	9.7	1	0.3
Baguio City	10,176	33.0	1,961	6.4	106	10.4	28	2.8	4	0.4
REGION I - ILOCOS	97,510	19.2	31,844	6.3	1,417	14.5	535	5.5	65	0.7
Ilocos Norte	7,299	14.9	3,194	6.5	145	19.9	51	7.0	7	1.0
Ilocos Sur	9,183	15.9	3,419	5.9	115	12.5	19	2.1	10	1.1
La Union	9,522	13.9	3,544	5.2	181	19.0	40	4.2	5	0.5
Pangasinan	36,331	15.1	12,622	5.2	682	18.8	140	3.9	34	0.9
Laoag City	2,913	26.6	951	8.7	27	9.3	30	10.3	-	0.0
City of Candon	882	15.1	491	8.4	19	21.5	3	3.4	-	0.0
City of Vigan	2,399	46.1	617	11.9	15	6.3	16	6.7	1	0.4
City of San Fernando	5,845	46.7	1,538	12.3	55	9.4	48	8.2	-	0.0
City of Alaminos	3,237	36.2	697	7.8	25	7.7	34	10.5	3	0.9
Dagupan City	8,130	51.3	2,306	14.5	62	7.6	78	9.6	4	0.5
San Carlos City	7,739	41.2	1,493	8.0	53	6.8	45	5.8	1	0.1
City of Urdaneta	4,030	29.7	972	7.2	38	9.4	31	7.7	-	0.0

* per 1000 population

** per 1000 livebirths

~ rate cannot be computed, total no. of non-residents not available

"- " means 0

Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2009

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
REGION II - CAGAYAN VALLEY	65,138	19.7	17,066	5.2	557	8.6	138	2.1	50	0.8
Batanes	281	14.0	113	5.6	9	32.0	7	24.9	-	0.0
Cagayan	17,496	17.1	5,211	5.1	176	10.1	24	1.4	23	1.3
Isabela	22,034	17.5	5,556	4.4	185	8.4	26	1.2	15	0.7
Nueva Vizcaya	9,177	20.9	1,997	4.5	59	6.4	39	4.2	2	0.2
Quirino	3,275	18.8	720	4.1	31	9.5	7	2.1	3	0.9
Tuguegarao City	6,000	42.7	1,670	11.9	33	5.5	15	2.5	4	0.7
City of Cauayan	2,958	24.4	758	6.2	23	7.8	4	1.4	2	0.7
City of Santiago	3,917	30.3	1,041	8.1	41	10.5	16	4.1	1	0.3
REGION III - CENTRAL LUZON	202,039	20.3	55,073	5.5	2,126	10.5	520	2.6	141	0.7
Aurora	3,757	17.5	793	3.7	39	10.4	10	2.7	2	0.5
Bataan	7,587	13.1	2,502	4.3	108	14.2	27	3.6	12	1.6
Bulacan	34,016	16.5	9,785	4.7	569	16.7	128	3.8	36	1.1
Nueva Ecija	19,587	14.6	6,693	5.0	226	11.5	17	0.9	13	0.7
Pampanga	28,252	17.0	6,619	4.0	178	6.3	23	0.8	14	0.5
Tarlac	14,945	15.7	5,035	5.3	188	12.6	56	3.7	9	0.6
Zambales	11,445	22.6	3,270	6.5	127	11.1	40	3.5	17	1.5
City of Balanga	6,192	73.7	1,219	14.5	24	3.9	44	7.1	-	0.0
City of Malolos	9,520	42.0	2,547	11.3	77	8.1	46	4.8	8	0.8
City of Meycauayan	3,102	14.7	1,033	4.9	74	23.9	15	4.8	3	1.0
City of San Jose Del Monte	8,189	20.1	1,943	4.8	115	14.0	11	1.3	9	1.1
Cabanatuan City	11,119	43.0	2,992	11.6	65	5.8	-	0.0	3	0.3
City of Gapan	2,310	22.3	556	5.4	27	11.7	7	3.0	2	0.9
Science City of Muñoz	806	10.6	414	5.4	12	14.9	-	0.0	2	2.5
Palayan City	298	8.2	137	3.8	9	30.2	2	6.7	1	3.4
San Jose City	3,235	25.7	779	6.2	29	9.0	25	7.7	-	0.0
Angeles City	9,157	28.8	2,078	6.5	74	8.1	24	2.6	1	0.1
City of San Fernando	11,635	44.2	2,209	8.4	34	2.9	-	0.0	4	0.3
City of Tarlac	10,940	35.6	2,773	9.0	106	9.7	33	3.0	2	0.2
Olangapo City	5,947	26.4	1,696	7.5	45	7.6	12	2.0	3	0.5
REGION IVA - CALABARZON	250,461	21.5	61,840	5.3	3,477	13.9	1,536	6.1	253	1.0
Batangas	32,752	20.6	8,268	5.2	368	11.2	197	6.0	20	0.6
Cavite	45,099	17.5	11,327	4.4	771	17.1	196	4.3	51	1.1
Laguna	32,537	20.8	8,540	5.5	501	15.4	129	4.0	33	1.0
Quezon	30,442	17.5	8,583	4.9	491	16.1	238	7.8	46	1.5
Rizal	28,890	18.1	7,198	4.5	385	13.3	144	5.0	52	1.8

* per 1000 population

** per 1000 livebirths

~ rate cannot be computed, total no. of non-residents not available

"- " means 0

Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2009

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
Batangas City	7,571	25.6	2,256	7.6	102	13.5	59	7.8	5	0.7
Lipa City	8,078	31.0	1,765	6.8	92	11.4	48	5.9	5	0.6
City of Tanauan	4,184	29.9	1,005	7.2	69	16.5	46	11.0	1	0.2
Cavite City	3,424	25.4	833	6.2	35	10.2	29	8.5	1	0.3
Tagaytay City	828	13.5	351	5.7	24	29.0	3	3.6	-	0.0
Trece Martires City	7,636	135.2	1,299	23.0	62	8.1	90	11.8	3	0.4
City of Calamba	11,514	34.2	2,131	6.3	122	10.6	76	6.6	7	0.6
San Pablo City	8,497	34.1	1,998	8.0	72	8.5	66	7.8	5	0.6
City of Santa Rosa	6,083	27.4	1,322	5.9	78	12.8	51	8.4	4	0.7
Lucena City	8,930	39.0	2,510	11.0	105	11.8	108	12.1	7	0.8
City of Antipolo	13,996	23.7	2,454	4.2	200	14.3	56	4.0	13	0.9
REGION IVB - MIMAROPA	47,024	16.0	11,931	4.1	666	14.2	191	4.1	60	1.3
Marinduque	4,928	18.5	1,450	5.4	111	22.5	47	9.5	10	2.0
Occidental Mindoro	8,496	17.4	1,994	4.1	116	13.7	32	3.8	10	1.2
Oriental Mindoro	10,613	14.6	2,647	3.6	137	12.9	41	3.9	12	1.1
Palawan	9,612	12.2	1,904	2.4	83	8.6	17	1.8	15	1.6
Romblon	5,401	16.5	1,716	5.2	90	16.7	27	5.0	5	0.9
Calapan City	4,226	31.8	1,004	7.6	64	15.1	27	6.4	-	0.0
Puerto Princesa City	3,748	17.7	1,216	5.7	65	17.3	-	0.0	8	2.1
REGION V - BICOL	115,550	20.6	31,054	5.5	1,363	11.8	501	4.3	155	1.3
Albay	16,733	19.2	4,668	5.3	186	11.1	59	3.5	21	1.3
Camarines Norte	11,817	21.3	3,345	6.0	217	18.4	114	9.6	28	2.4
Camarines Sur	29,077	18.2	7,045	4.4	359	12.3	111	3.8	44	1.5
Catanduanes	5,170	20.6	1,674	6.7	105	20.3	37	7.2	6	1.2
Masbate	12,783	16.7	2,350	3.1	114	8.9	7	0.5	16	1.3
Sorsogon	10,071	14.9	3,189	4.7	105	10.4	16	1.6	14	1.4
Legazpi City	5,437	29.4	1,525	8.3	46	8.5	30	5.5	8	1.5
City of Ligao	2,817	26.4	642	6.0	33	11.7	17	6.0	1	0.4
City of Tabaco	3,032	24.0	839	6.7	33	10.9	20	6.6	2	0.7
Iriga City	2,384	22.4	829	7.8	30	12.6	19	8.0	4	1.7
Naga City	9,488	57.5	2,675	16.2	73	7.7	58	6.1	4	0.4
City of Masbate	2,535	29.6	916	10.7	33	13.0	13	5.1	6	2.4
City of Sorsogon	4,206	37.8	1,357	12.2	29	6.9	-	0.0	1	0.2
REGION VI - WESTERN VISAYAS	121,181	16.3	47,048	6.3	1,609	13.3	559	4.6	101	0.8
Aklan	10,382	19.3	3,504	6.5	107	10.3	40	3.9	6	0.6
Antique	8,956	15.5	3,723	6.4	147	16.4	42	4.7	7	0.8
Capiz	7,381	11.8	3,148	5.0	104	14.1	23	3.1	8	1.1
Guimaras	2,363	13.7	843	4.9	22	9.3	9	3.8	3	1.3
Iloilo	26,061	14.7	10,414	5.9	461	17.7	144	5.5	22	0.8
Negros Occidental	13,669	12.5	4,656	4.3	166	12.1	46	3.4	11	0.8

* per 1000 population

** per 1000 livebirths

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"- " means 0

Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2009

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
Roxas City	4,331	29.1	1,544	10.4	25	5.8	8	1.8	2	0.5
Iloilo City	12,968	29.9	4,942	11.4	155	12.0	69	5.3	9	0.7
City of Passi	1,104	13.4	450	5.5	27	24.5	3	2.7	1	0.9
Bacolod City	12,088	23.6	5,343	10.4	95	7.9	59	4.9	6	0.5
Bago City	1,594	9.4	913	5.4	57	35.8	16	10.0	4	2.5
Cadiz City	2,630	15.5	844	5.0	20	7.6	5	1.9	2	0.8
City of Escalante	1,386	14.6	633	6.7	27	19.5	10	7.2	-	0.0
City of Himamaylan	1,579	14.9	598	5.6	30	19.0	4	2.5	3	1.9
City of Kabankalan	3,062	17.1	1,217	6.8	43	14.0	10	3.3	5	1.6
La Carlota City	800	11.9	395	5.9	10	12.5	5	6.3	1	1.3
Sagay City	2,321	15.0	627	4.0	20	8.6	10	4.3	2	0.9
San Carlos City	2,634	18.6	831	5.9	27	10.3	19	7.2	3	1.1
Silay City	3,067	23.8	1,249	9.7	20	6.5	26	8.5	3	1.0
City of Sipalay	1,050	14.1	351	4.7	19	18.1	2	1.9	1	1.0
City of Talisay	501	5.3	371	3.9	16	31.9	3	6.0	-	0.0
City of Victorias	1,254	12.8	452	4.6	11	8.8	6	4.8	2	1.6
REGION VII - CENTRAL VISAYAS	145,506	21.1	40,386	5.9	1,819	12.5	989	6.8	157	1.1
Bohol	18,906	15.1	5,888	4.7	252	13.3	101	5.3	24	1.3
Cebu	37,587	17.1	11,233	5.1	680	18.1	282	7.5	44	1.2
Negros Oriental	12,745	14.6	3,418	3.9	116	9.1	32	2.5	20	1.6
Siquijor	1,476	16.0	581	6.3	7	4.7	5	3.4	2	1.4
Tagbilaran City	5,696	62.7	1,595	17.5	22	3.9	41	7.2	2	0.4
Cebu City	34,905	39.7	9,024	10.3	323	9.3	290	8.3	23	0.7
Danao City	2,615	21.6	611	5.1	37	14.1	18	6.9	4	1.5
Lapu-Lapu City	7,791	29.3	1,492	5.6	115	14.8	62	8.0	10	1.3
Mandaue City	7,251	22.8	1,359	4.3	113	15.6	94	13.0	9	1.2
City of Talisay	2,737	15.1	773	4.3	35	12.8	10	3.7	2	0.7
Toledo City	3,405	19.7	810	4.7	29	8.5	11	3.2	4	1.2
Bais City	1,154	14.5	361	4.5	15	13.0	1	0.9	2	1.7
City of Bayawan	1,436	12.1	532	4.5	19	13.2	5	3.5	4	2.8
Canlaon City	790	14.5	304	5.6	13	16.5	2	2.5	1	1.3
Dumaguete City	6,397	53.6	2,032	17.0	27	4.2	33	5.2	4	0.6
City of Tanjay	615	7.5	373	4.6	16	26.0	2	3.3	2	3.3
REGION VIII - EASTERN VISAYAS	63,691	14.6	20,364	4.7	769	12.1	188	3.0	80	1.3
Biliran	2,709	15.8	833	4.8	46	17.0	16	5.9	3	1.1
Eastern Samar	5,662	12.5	1,264	2.8	35	6.2	13	2.3	4	0.7
Leyte	23,681	15.7	6,538	4.3	230	9.7	65	2.7	23	1.0
Northern Samar	6,161	10.0	3,515	5.7	241	39.1	7	1.1	16	2.6
Samar	6,131	10.1	1,601	2.6	38	6.2	4	0.7	8	1.3
Southern Leyte	4,738	13.9	1,931	5.7	75	15.8	17	3.6	7	1.5
Ormoc City	4,429	24.1	1,233	6.7	28	6.3	-	0.0	2	0.5
Tacloban City	5,340	25.1	1,921	9.0	43	8.1	21	3.9	9	1.7
Calbayog City	2,450	13.6	817	4.5	15	6.1	1	0.4	6	2.4
City of Maasin	2,390	28.6	711	8.5	18	7.5	44	18.4	2	0.8

* per 1000 population

** per 1000 livebirths

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"- " means 0

Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2009

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
REGION IX-ZAMBOANGA PENINSULA	46,780	14.0	12,793	3.8	535	11.4	157	3.4	70	1.5
Zamboanga Del Norte	9,598	12.2	2,312	2.9	81	8.4	6	0.6	11	1.1
Zamboanga Del Sur	10,214	12.1	2,057	2.4	53	5.2	16	1.6	17	1.7
Zamboanga Sibugay	7,113	11.8	1,593	2.6	51	7.2	14	2.0	13	1.8
Dapitan City	1,312	16.1	407	5.0	13	9.9	5	3.8	-	0.0
Dipolog City	3,030	25.4	1,162	9.7	45	14.9	35	11.6	-	0.0
Pagadian City	3,523	20.6	1,001	5.8	20	5.7	13	3.7	3	0.9
Zamboanga City	11,990	16.6	4,261	5.9	272	22.7	68	5.7	26	2.2
REGION X - NORTHERN MINDANAO	80,747	19.0	20,034	4.7	817	10.1	347	4.3	74	0.9
Bukidnon	17,087	17.5	2,798	2.9	98	5.7	25	1.5	17	1.0
Camiguin	1,836	20.5	525	5.9	17	9.3	3	1.6	3	1.6
Lanao del Norte	7,106	12.8	1,530	2.8	52	7.3	8	1.1	11	1.5
Misamis Occidental	3,756	12.0	1,368	4.4	48	12.8	10	2.7	3	0.8
Misamis Oriental	11,424	16.2	2,630	3.7	118	10.3	31	2.7	10	0.9
City of Malaybalay	4,085	26.9	1,050	6.9	30	7.3	54	13.2	2	0.5
City of Valencia	3,277	18.0	634	3.5	19	5.8	2	0.6	2	0.6
Iligan City	6,353	19.1	2,160	6.5	122	19.2	48	7.6	6	0.9
Oroquieta City	1,857	26.8	758	10.9	16	8.6	7	3.8	-	0.0
Ozamis City	3,963	30.9	1,321	10.3	39	9.8	45	11.4	2	0.5
Tangub City	984	17.1	317	5.5	9	9.1	-	0.0	1	1.0
Cagayan de Oro City	16,427	28.7	4,294	7.5	199	12.1	94	5.7	15	0.9
Gingoog City	2,592	20.4	649	5.1	50	19.3	20	7.7	2	0.8
REGION XI - DAVAO	84,871	19.8	23,186	5.4	847	10.0	282	3.3	89	1.0
Compostela Valley	9,852	14.2	2,563	3.7	102	10.4	21	2.1	9	0.9
Davao	5,682	14.1	1,536	3.8	104	18.3	13	2.3	7	1.2
Davao Del Sur	7,876	10.5	2,351	3.1	91	11.6	20	2.5	9	1.1
Davao Oriental	6,732	13.0	1,911	3.7	49	7.3	11	1.6	10	1.5
City of Panabo	2,495	16.3	787	5.1	50	20.0	11	4.4	5	2.0
Island Garden City of Samal	1,158	12.3	468	5.0	24	20.7	3	2.6	1	0.9
City of Tagum	10,123	49.4	2,827	13.8	74	7.3	74	7.3	9	0.9
Davao City	36,472	27.4	9,417	7.1	317	8.7	99	2.7	37	1.0
City of Digos	4,481	30.8	1,326	9.1	36	8.0	30	6.7	2	0.4

* per 1000 population

** per 1000 livebirths

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"- " means 0

Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2009

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
REGION XII - SOCCSKSARGEN	61,881	16.3	14,375	3.8	453	7.3	206	3.3	57	0.9
Cotabato	16,577	15.8	3,022	2.9	66	4.0	16	1.0	7	0.4
Saranggani	5,208	10.0	1,172	2.3	34	6.5	4	0.8	11	2.1
South Cotabato	8,022	11.4	2,515	3.6	99	12.3	26	3.2	13	1.6
Sultan Kudarat	7,440	11.8	1,682	2.7	33	4.4	8	1.1	6	0.8
City of Kidapawan	4,546	37.0	879	7.2	17	3.7	19	4.2	1	0.2
General Santos City	13,503	26.3	3,034	5.9	150	11.1	89	6.6	17	1.3
City of Koronadal	4,648	27.8	1,489	8.9	27	5.8	27	5.8	2	0.4
City of Tacurong	1,937	20.7	582	6.2	27	13.9	17	8.8	-	0.0
REGION XIII - CARAGA	36,667	14.7	10,438	4.2	270	7.4	104	2.8	46	1.3
Agusan del Norte	5,246	15.5	1,318	3.9	39	7.4	15	2.9	2	0.4
Agusan del Sur	10,101	14.7	1,509	2.2	40	4.0	12	1.2	12	1.2
Surigao del Norte*	4,510	10.4	1,762	4.1	55	12.2	7	1.6	11	2.4
Surigao del Sur	5,380	11.4	1,912	4.0	37	6.9	4	0.7	8	1.5
Butuan City	6,757	21.6	2,057	6.6	44	6.5	40	5.9	9	1.3
Surigao City	3,403	24.2	1,372	9.8	48	14.1	21	6.2	2	0.6
City of Bislig	1,270	11.1	508	4.5	7	5.5	5	3.9	2	1.6
ARMM	7,263	1.9	1,452	0.4	49	6.7	-	0.0	6	0.8
Basilan	182	0.7	95	0.4	3	16.5	-	0.0	1	5.5
Lanao del Sur	233	0.3	52	0.1	7	30.0	-	0.0	2	8.6
Maguindanao	1,903	1.8	163	0.2	12	6.3	-	0.0	1	0.5
Sulu	459	0.6	61	0.1	6	13.1	-	0.0	-	0.0
Tawi-tawi	776	2.0	128	0.3	-	0.0	-	0.0	1	1.3
City of Isabela	866	9.7	379	4.3	8	9.2	-	0.0	-	0.0
City of Lamitan	204	2.9	144	2.0	1	4.9	-	0.0	1	4.9
Marawi City	170	1.1	-	0.0	1	5.9	-	0.0	-	0.0
Cotabato City	2,470	12.9	430	2.2	11	4.5	-	0.0	-	0.0
FOREIGN COUNTRY					3					

*Includes Dinagat Island

Note: All numbers are by place of occurrence except for number of Infant Deaths which is by usual residence

* per 1000 population

** per 1000 livebirths

~ rate cannot be computed, total no. of non-residents not available

"-" means 0

Table 6

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS & FETAL DEATHS
By Month of Occurrence
Number & Percent Distribution
Philippines, 2009

Month	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
January	153,216	8.8	44,285	9.2	1,865	8.6	664	8.3
February	133,142	7.6	35,891	7.5	1,594	7.4	596	7.4
March	146,259	8.4	39,279	8.2	1,799	8.3	719	8.9
April	141,599	8.1	37,344	7.8	1,566	7.2	619	7.7
May	146,469	8.4	40,538	8.4	1,754	8.1	611	7.6
June	136,946	7.8	39,504	8.2	1,780	8.2	669	8.3
July	137,143	7.9	41,441	8.6	1,902	8.8	726	9.0
August	140,620	8.1	40,557	8.4	1,963	9.1	655	8.1
September	161,819	9.3	39,031	8.1	1,884	8.7	736	9.2
October	162,796	9.3	41,663	8.7	1,973	9.1	787	9.8
November	144,626	8.3	39,358	8.2	1,873	8.6	680	8.5
December	140,950	8.1	41,929	8.7	1,706	7.9	581	7.2
Total	1,745,585	100.0	480,820	100.0	21,659	100.0	8,043	100.0

Note: Percentages may not add up to 100 due to rounding off

HEALTH INDICES BY MONTH OF OCCURRENCE

Percent Distribution, Philippines, 2009



Figure 6

Table 7

TOTAL LIVEBIRTHS, FEMALE POPULATION & FERTILITY RATE
By Region
Philippines, 2009

Area	Total Livebirths	Female Population (15 - 49 Years)	Fertility Rate*
Philippines	1,745,585	23,863,131	7.3
National Capital Region	285,515	3,288,495	8.7
Cordillera Administrative Region	33,761	430,941	7.8
Region I - Ilocos	97,510	1,273,293	7.7
Region II - Cagayan Valley	65,138	846,515	7.7
Region III- Central Luzon	202,039	2,633,605	7.7
Region IVA - CALABARZON	250,461	3,141,479	8.0
Region IVB- MIMAROPA	47,024	686,801	6.8
Region V - Bicol	115,550	1,319,024	8.8
Region VI - Western Visayas	121,181	1,849,960	6.6
Region VII - Central Visayas	145,506	1,759,000	8.3
Region VIII - Eastern Visayas	63,691	1,016,664	6.3
Region IX - Zamboanga Peninsula	46,780	834,658	5.6
Region X - Northern Mindanao	80,747	1,097,240	7.4
Region XI - Davao	84,871	1,135,223	7.5
Region XII - SOCCSKSARGEN	61,881	1,017,142	6.1
Region XIII - CARAGA	36,667	613,692	6.0
ARMM	7,263	919,399	0.8

Note: Livebirths by place of occurrence

* per 100 female population (15-49 years) of corresponding region

FERTILITY RATE BY REGION Philippines, 2009

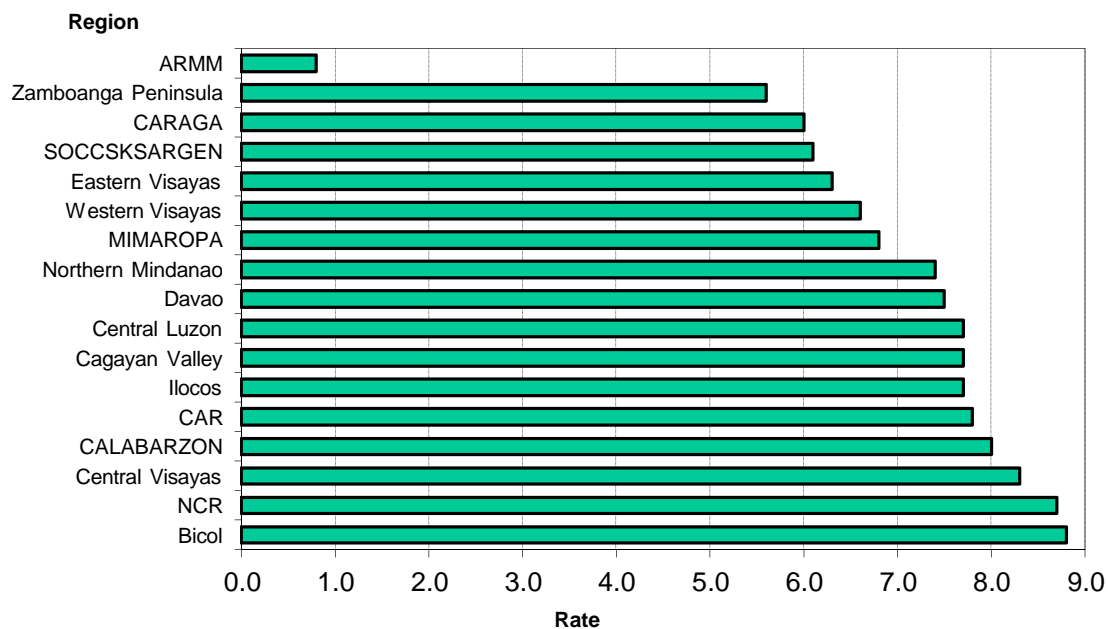


Figure 7

LIVEBIRTHS BY ATTENDANCE Philippines, 2009

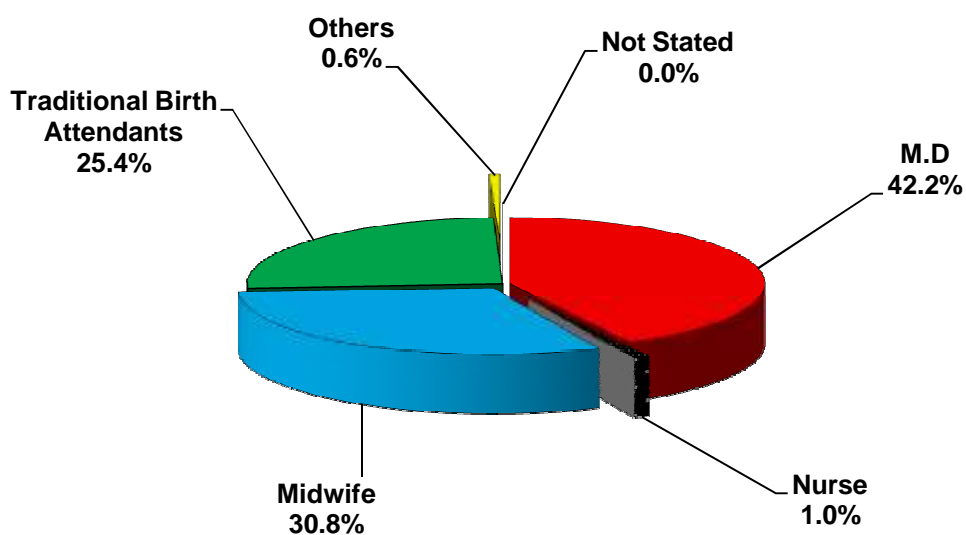


Figure 8

NATALITY STATISTICS

Birth statistics presented in this report were obtained from the Certificates of Live Birth (Municipal Form 102) transmitted by the City/Municipal Civil Registrars to the National Statistics Office. Statistics presented include only those births which occurred in 2009 and were registered from January 2009 to March 2010. Births that were registered after March 2010 and those that were not registered at all were not included in the report.

The Crude Birth Rate (CBR) for 2009 was computed at 18.9 live births per 1000 population. This is 4% lower than the 2008 CBR of 19.7. This corresponds to a total of 1,745,585 live births which was translated to more than three babies born per minute. (Table 4)

The National Capital Region (NCR) was highest in CBR in 2009 with 25.0 live births per thousand population. Second in rank is CALABARZON with a CBR of 21.5. It is followed by Central Visayas (21.1) and Bicol (20.6). The Autonomous Region of Muslim Mindanao (ARMM) was still at the bottom with CBR of only 1.9. There are 10 regions out of 17 with CBR higher than the national rate of 18.9 (Table 5)

The month of October had the highest number of live birth occurrences in 2009 with 162,796 live births or 9.3% of the total. The daily average of babies born alive was about 5,251 in October. The lowest birth occurrence was still in February with 133,142 live births which is 7.6% of the total and an average of daily live births at 4,755. (Table 6)

The country's fertility rate in 2009 was computed at 7.3. This is translated as to more than seven (7) babies born alive per 100 female of reproductive age 15-49 years. Regions of Bicol (8.8), NCR (8.7) and Central Visayas (8.3) were the top three regions with the highest fertility rate. While, ARMM had the lowest with 0.8. Ten out of seventeen regions, exceeded the 2009 national fertility rate. (Table 7)

More male babies were born alive in 2009 (907,221 or 52%) than female babies (838,364 or 48%) for a sex ratio of 108 males per 100 females. Caraga Region had the highest sex ratio of 111, while, ARMM got the lowest with 104. (Table 8)

Majority of the total live births were attended by medical practitioners like physicians (42.2%), nurses (1.0%) and midwives (30.8%). They comprised 74 % or 1,291,194 live deliveries. However, there is still one out of four mothers whose delivery was assisted by traditional birth attendants or unlicensed midwives. More than one-fourth (25.4% or 442,854) of total live births were attended by them. Of the 17 regions in the country, only MIMAROPA (50.4%) reported to have more than 50% of live births were attended by traditional birth attendants. While, three regions, NCR (60.1%), CAR (63.1%) and Central Luzon (53.2%) had more than 50% of births were attended by physicians. (Tables 9 and 10)

Mothers belonging to age-group 20-24 years had the most number of live births with 495,958 babies or 28.41 % of the total. Closely followed by mothers of age-group 25-29 years with 461,020 live births or 26.41%. While, only 0.03% or 528 live births were born to mothers beyond reproductive age (50 years and over). There were 195,662 or 11.21% babies born to teenage mothers. (Table 11)

Across all regions, CALABARZON had the highest share on the number of live births born by women of age-group 20-24. Out of 495,958 babies, CALABARZON had 73,903 live births, followed by NCR with 72,509 live births. The two regions interchanged ranks of live births born by young mothers of age under 15 years. Out of 1,113 babies, NCR had 209 and CALABARZON had 135 live births. (Table 13)

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2009

Area	Both Sexes	Male	Female
PHILIPPINES	1,745,585	907,221	838,364
NATIONAL CAPITAL REGION	285,515	148,112	137,403
City of Manila	82,387	42,578	39,809
City of Mandaluyong	6,682	3,481	3,201
City of Marikina	9,122	4,756	4,366
City of Pasig	20,965	11,037	9,928
Quezon City	63,750	33,063	30,687
San Juan	3,021	1,594	1,427
Kalookan City	25,921	13,462	12,459
City of Malabon	3,488	1,787	1,701
City of Valenzuela	10,097	5,233	4,864
Navotas	2,421	1,222	1,199
City of Las Piñas	10,944	5,636	5,308
City of Makati	9,868	5,210	4,658
City of Muntinlupa	9,114	4,721	4,393
City of Parañaque	8,627	4,468	4,159
Pasay City	7,596	3,937	3,659
City of Taguig	10,804	5,572	5,232
Pateros	708	355	353
CORDILLERA ADMINISTRATIVE REGION	33,761	17,527	16,234
Abra	4,495	2,293	2,202
Apayao	1,646	874	772
Benguet	7,257	3,814	3,443
Ifugao	3,541	1,864	1,677
Kalinga	3,669	1,931	1,738
Mt. Province	2,977	1,493	1,484
Baguio City	10,176	5,258	4,918
REGION I - ILOCOS	97,510	50,651	46,859
Ilocos Norte	7,299	3,817	3,482
Ilocos Sur	9,183	4,734	4,449
La Union	9,522	5,002	4,520
Pangasinan	36,331	18,809	17,522
Laoag City	2,913	1,490	1,423
City of Candon	882	450	432
City of Vigan	2,399	1,211	1,188
City of San Fernando	5,845	3,040	2,805
City of Alaminos	3,237	1,718	1,519
Dagupan City	8,130	4,248	3,882
San Carlos City	7,739	4,028	3,711
City of Urdaneta	4,030	2,104	1,926

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2009

Area	Both Sexes	Male	Female
REGION II - CAGAYAN VALLEY	65,138	33,906	31,232
Batanes	281	145	136
Cagayan	17,496	9,084	8,412
Isabela	22,034	11,381	10,653
Nueva Vizcaya	9,177	4,812	4,365
Quirino	3,275	1,713	1,562
Tuguegarao City	6,000	3,170	2,830
City of Cauayan	2,958	1,526	1,432
City of Santiago	3,917	2,075	1,842
REGION III - CENTRAL LUZON	202,039	105,197	96,842
Aurora	3,757	1,998	1,759
Bataan	7,587	3,973	3,614
Bulacan	34,016	17,555	16,461
Nueva Ecija	19,587	10,274	9,313
Pampanga	28,252	14,797	13,455
Tarlac	14,945	7,771	7,174
Zambales	11,445	5,956	5,489
City of Balanga	6,192	3,224	2,968
City of Malolos	9,520	4,916	4,604
City of Meycauayan	3,102	1,597	1,505
City of San Jose Del Monte	8,189	4,252	3,937
Cabanatuan City	11,119	5,883	5,236
City of Gapan	2,310	1,223	1,087
Science City of Muñoz	806	420	386
Palayan City	298	156	142
San Jose City	3,235	1,682	1,553
Angeles City	9,157	4,775	4,382
City of San Fernando	11,635	6,165	5,470
City of Tarlac	10,940	5,591	5,349
Olangapo City	5,947	2,989	2,958
REGION IVA - CALABARZON	250,461	130,306	120,155
Batangas	32,752	16,914	15,838
Cavite	45,099	23,453	21,646
Laguna	32,537	16,939	15,598
Quezon	30,442	15,858	14,584
Rizal	28,890	15,111	13,779

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2009

Area	Both Sexes	Male	Female
Batangas City	7,571	3,925	3,646
Lipa City	8,078	4,144	3,934
City of Tanauan	4,184	2,202	1,982
Cavite City	3,424	1,824	1,600
Tagaytay City	828	408	420
Trece Martires City	7,636	4,097	3,539
City of Calamba	11,514	6,021	5,493
San Pablo City	8,497	4,322	4,175
City of Santa Rosa	6,083	3,156	2,927
Lucena City	8,930	4,721	4,209
City of Antipolo	13,996	7,211	6,785
REGION IVB - MIMAROPA	47,024	24,324	22,700
Marinduque	4,928	2,530	2,398
Occidental Mindoro	8,496	4,484	4,012
Oriental Mindoro	10,613	5,437	5,176
Palawan	9,612	5,050	4,562
Romblon	5,401	2,793	2,608
Calapan City	4,226	2,148	2,078
Puerto Princesa City	3,748	1,882	1,866
REGION V - BICOL	115,550	59,856	55,694
Albay	16,733	8,768	7,965
Camarines Norte	11,817	6,069	5,748
Camarines Sur	29,077	14,947	14,130
Catanduanes	5,170	2,739	2,431
Masbate	12,783	6,562	6,221
Sorsogon	10,071	5,127	4,944
Legazpi City	5,437	2,859	2,578
City of Ligao	2,817	1,505	1,312
City of Tabaco	3,032	1,593	1,439
Iriga City	2,384	1,242	1,142
Naga City	9,488	4,950	4,538
City of Masbate	2,535	1,316	1,219
City of Sorsogon	4,206	2,179	2,027
REGION VI - WESTERN VISAYAS	121,181	62,992	58,189
Aklan	10,382	5,483	4,899
Antique	8,956	4,646	4,310
Capiz	7,381	3,922	3,459
Guimaras	2,363	1,156	1,207
Iloilo	26,061	13,495	12,566
Negros Occidental	13,669	7,005	6,664

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2009

Area	Both Sexes	Male	Female
Roxas City	4,331	2,314	2,017
Iloilo City	12,968	6,845	6,123
City of Passi	1,104	591	513
Bacolod City	12,088	6,214	5,874
Bago City	1,594	848	746
Cadiz City	2,630	1,388	1,242
City of Escalante	1,386	719	667
City of Himamaylan	1,579	835	744
City of Kabankalan	3,062	1,556	1,506
La Carlota City	800	406	394
Sagay City	2,321	1,182	1,139
San Carlos City	2,634	1,369	1,265
Silay City	3,067	1,586	1,481
City of Sipalay	1,050	539	511
City of Talisay	501	262	239
City of Victorias	1,254	631	623
REGION VII - CENTRAL VISAYAS	145,506	75,490	70,016
Bohol	18,906	9,783	9,123
Cebu	37,587	19,429	18,158
Negros Oriental	12,745	6,521	6,224
Siquijor	1,476	750	726
Tagbilaran City	5,696	3,005	2,691
Cebu City	34,905	18,229	16,676
Danao City	2,615	1,347	1,268
Lapu-Lapu City	7,791	4,004	3,787
Mandaue City	7,251	3,779	3,472
City of Talisay	2,737	1,401	1,336
Toledo City	3,405	1,789	1,616
Bais City	1,154	607	547
City of Bayawan	1,436	743	693
Canlaon City	790	402	388
Dumaguete City	6,397	3,366	3,031
City of Tanjay	615	335	280
REGION VIII - EASTERN VISAYAS	63,691	33,105	30,586
Biliran	2,709	1,447	1,262
Eastern Samar	5,662	2,967	2,695
Leyte	23,681	12,175	11,506
Northern Samar	6,161	3,239	2,922
Samar	6,131	3,157	2,974
Southern Leyte	4,738	2,455	2,283
Ormoc City	4,429	2,317	2,112
Tacloban City	5,340	2,829	2,511
Calbayog City	2,450	1,296	1,154
City of Maasin	2,390	1,223	1,167

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2009

Area	Both Sexes	Male	Female
REGION IX - ZAMBOANGA PENINSULA	46,780	24,434	22,346
Zamboanga Del Norte	9,598	5,175	4,423
Zamboanga Del Sur	10,214	5,228	4,986
Zamboanga Sibugay	7,113	3,721	3,392
Dapitan City	1,312	689	623
Dipolog City	3,030	1,563	1,467
Pagadian City	3,523	1,824	1,699
Zamboanga City	11,990	6,234	5,756
REGION X - NORTHERN MINDANAO	80,747	41,990	38,757
Bukidnon	17,087	8,965	8,122
Camiguin	1,836	939	897
Lanao del Norte	7,106	3,681	3,425
Misamis Occidental	3,756	1,907	1,849
Misamis Oriental	11,424	5,957	5,467
City of Malaybalay	4,085	2,124	1,961
City of Valencia	3,277	1,673	1,604
Iligan City	6,353	3,345	3,008
Oroquieta City	1,857	1,000	857
Ozamis City	3,963	2,097	1,866
Tangub City	984	485	499
Cagayan de Oro City	16,427	8,436	7,991
Gingoog City	2,592	1,381	1,211
REGION XI - DAVAO	84,871	44,194	40,677
Compostela Valley	9,852	5,159	4,693
Davao	5,682	2,899	2,783
Davao Del Sur	7,876	4,044	3,832
Davao Oriental	6,732	3,482	3,250
City of Panabo	2,495	1,285	1,210
Island Garden City of Samal	1,158	581	577
City of Tagum	10,123	5,397	4,726
Davao City	36,472	18,962	17,510
City of Digos	4,481	2,385	2,096

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2009

Area	Both Sexes	Male	Female
REGION XII - SOCCSKSARGEN	61,881	32,139	29,742
Cotabato	16,577	8,685	7,892
Saranggani	5,208	2,689	2,519
South Cotabato	8,022	4,104	3,918
Sultan Kudarat	7,440	3,810	3,630
City of Kidapawan	4,546	2,362	2,184
General Santos City	13,503	6,972	6,531
City of Koronadal	4,648	2,462	2,186
City of Tacurong	1,937	1,055	882
REGION XIII - CARAGA	36,667	19,292	17,375
Agusan del Norte	5,246	2,708	2,538
Agusan del Sur	10,101	5,284	4,817
Surigao del Norte	4,510	2,308	2,202
Surigao del Sur	5,380	2,783	2,597
Butuan City	6,757	3,791	2,966
Surigao City	3,403	1,741	1,662
City of Bislig	1,270	677	593
AUTONOMOUS REGION OF MUSLIM MINDANAO	7,263	3,706	3,557
Basilan	182	97	85
Lanao del Sur	233	110	123
Maguindanao	1,903	985	918
Sulu	459	214	245
Tawi-tawi	776	401	375
City of Isabela	866	434	432
City of Lamitan	204	113	91
Marawi City	170	88	82
Cotabato City	2,470	1,264	1,206

Note: Table by place of occurrence

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

AREA	Total Livebirths	Attendant at Birth					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
PHILIPPINES	1,745,585	736,173	17,790	537,231	442,854	10,667	870
NATIONAL CAPITAL REGION	265,774	159,750	1,027	81,106	23,610	257	24
City of Manila	44,047	34,022	43	8,765	1,168	43	6
City of Mandaluyong	7,674	5,487	90	1,878	217	2	-
City of Marikina	8,074	4,239	17	3,332	485	1	-
City of Pasig	16,623	8,740	44	5,636	2,198	5	-
Quezon City	59,425	34,681	115	18,447	6,147	35	-
San Juan	2,159	1,726	49	346	37	1	-
Kalookan City	34,134	16,056	148	13,382	4,516	17	15
City of Malabon	6,717	3,968	7	2,052	687	2	1
City of Valenzuela	12,530	7,508	94	4,216	707	3	2
Navotas	5,146	2,922	24	1,729	466	5	-
City of Las Piñas	11,634	5,769	33	4,173	1,636	23	-
City of Makati	11,735	9,446	18	2,003	261	7	-
City of Muntinlupa	9,224	4,529	16	3,240	1,432	7	-
City of Parañaque	11,819	6,812	93	3,369	1,536	9	-
Pasay City	7,977	6,804	14	718	355	86	-
City of Taguig	15,763	6,595	221	7,181	1,755	11	-
Pateros	1,093	446	1	639	7	-	-
CORDILLERA ADMINISTRATIVE REGION	33,207	20,963	687	4,111	3,150	4,271	25
Abra	4,500	2,511	142	772	996	73	6
Apayao	1,784	847	17	257	471	192	-
Benguet	8,814	6,081	162	684	184	1,702	1
Ifugao	3,657	945	235	1,134	442	894	7
Kalinga	3,747	1,524	43	710	710	752	8
Mt. Province	3,027	1,468	82	528	341	606	2
Baguio City	7,678	7,587	6	26	6	52	1
REGION I - ILOCOS	98,439	46,056	1,154	35,837	14,913	400	75
Ilocos Norte	8,481	5,437	22	2,569	430	21	2
Ilocos Sur	10,230	5,435	84	2,917	1,591	201	2
La Union	12,744	7,232	99	3,718	1,605	87	3
Pangasinan	48,054	16,507	694	21,797	8,937	80	39
Laoag City	1,831	1,605	2	86	137	-	1
City of Candon	1,114	647	2	317	148	-	-
City of Vigan	964	656	5	290	13	-	-
City of San Fernando	2,337	1,685	203	407	32	4	6
City of Alaminos	1,969	1,032	22	578	330	4	3
Dagupan City	4,079	2,256	5	1,237	574	1	6
San Carlos City	3,576	1,827	10	1,146	586	-	7
City of Urdaneta	3,060	1,737	10	775	530	2	6

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

AREA	Total Livebirths	Attendant at Birth					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
REGION II - CAGAYAN VALLEY	65,008	20,966	608	19,156	23,081	1,180	17
Batanes	283	201	5	74	2	1	-
Cagayan	19,876	6,264	183	4,084	9,312	32	1
Isabela	23,396	5,797	341	8,919	8,253	77	9
Nueva Vizcaya	9,125	3,990	28	1,576	2,618	913	-
Quirino	3,335	817	20	892	1,445	154	7
Tuguegarao City	3,121	1,613	4	1,373	131	-	-
City of Cauayan	2,505	989	7	809	700	-	-
City of Santiago	3,367	1,295	20	1,429	620	3	-
REGION III - CENTRAL LUZON	204,148	108,649	2,431	68,219	24,636	126	87
Aurora	3,959	888	39	690	2,334	8	-
Bataan	12,253	7,528	10	3,973	737	5	-
Bulacan	38,410	18,835	183	16,061	3,318	10	3
Nueva Ecija	25,282	9,035	591	10,449	5,161	30	16
Pampanga	35,290	25,837	62	7,621	1,713	13	44
Tarlac	18,924	7,723	498	8,353	2,336	13	1
Zambales	12,044	6,384	209	2,927	2,501	16	7
City of Balanga	1,976	1,511	5	425	31	3	1
City of Malolos	4,371	2,877	7	1,361	124	-	2
City of Meycauayan	3,914	1,728	8	1,684	489	5	-
City of San Jose Del Monte	9,363	4,775	75	3,082	1,431	-	-
Cabanatuan City	5,021	3,930	11	619	459	-	2
City of Gapan	2,177	898	2	1,161	116	-	-
Science City of Muñoz	1,358	487	13	410	446	2	-
Palayan City	645	341	5	121	178	-	-
San Jose City	2,723	1,170	252	992	302	6	1
Angeles City	8,171	3,440	116	4,119	493	2	1
City of San Fernando	5,802	4,538	8	798	449	5	4
City of Tarlac	7,314	4,080	266	1,610	1,353	5	-
Olangapo City	5,151	2,644	71	1,763	665	3	5
REGION IVA - CALABARZON	266,688	106,741	2,420	93,834	62,793	782	118
Batangas	35,167	14,173	128	10,227	10,572	24	43
Cavite	57,123	22,716	1,313	24,167	8,841	86	-
Laguna	37,296	14,093	247	16,605	6,270	76	5
Quezon	34,219	10,361	267	9,090	14,397	54	50
Rizal	34,602	14,059	237	14,602	5,504	199	1

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

AREA	Total Livebirths	Attendant at Birth					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
Batangas City	6,414	3,438	6	1,058	1,909	2	1
Lipa City	7,220	3,514	3	1,420	2,267	6	10
City of Tanauan	3,957	2,055	8	852	1,039	3	-
Cavite City	2,079	1,195	35	737	111	-	1
Tagaytay City	1,269	386	10	529	343	1	-
Trece Martires City	2,681	1,266	5	734	674	2	-
City of Calamba	9,880	4,299	9	3,331	2,128	112	1
San Pablo City	5,991	2,558	100	2,180	1,151	2	-
City of Santa Rosa	6,172	2,462	6	2,749	954	1	-
Lucena City	5,732	2,911	37	826	1,952	-	6
City of Antipolo	16,866	7,235	9	4,727	4,681	214	-
REGION IVB - MIMAROPA	47,200	12,983	483	9,506	23,774	430	24
Marinduque	4,965	978	11	1,235	2,666	75	-
Occidental Mindoro	8,533	1,994	42	1,369	4,932	193	3
Oriental Mindoro	12,276	3,046	134	2,240	6,766	80	10
Palawan	9,925	1,481	108	1,529	6,721	79	7
Romblon	5,454	2,120	177	1,966	1,187	2	2
Calapan City	2,582	1,576	1	164	840	1	-
Puerto Princesa City	3,465	1,788	10	1,003	662	-	2
REGION V - BICOL	115,772	28,245	2,815	29,205	55,328	161	18
Albay	17,706	3,363	303	5,137	8,868	35	-
Camarines Norte	11,906	1,961	1,341	3,424	5,116	63	1
Camarines Sur	33,836	5,731	383	8,627	19,059	25	11
Catanduanes	5,186	2,420	29	839	1,893	4	1
Masbate	13,485	1,252	107	3,076	9,040	10	-
Sorsogon	11,335	4,171	411	2,742	3,992	16	3
Legazpi City	4,309	1,925	177	1,172	1,034	1	-
City of Ligao	2,679	753	-	151	1,774	1	-
City of Tabaco	3,042	769	7	1,013	1,250	3	-
Iriga City	2,343	498	7	1,139	698	-	1
Naga City	4,726	2,425	39	893	1,366	2	1
City of Masbate	1,948	866	4	348	730	-	-
City of Sorsogon	3,271	2,111	7	644	508	1	-
REGION VI - WESTERN VISAYAS	121,278	45,740	955	38,308	35,592	630	53
Aklan	10,309	3,571	119	3,066	3,534	13	6
Antique	9,146	2,680	33	2,902	3,490	38	3
Capiz	8,844	2,791	56	3,285	2,693	13	6
Guimaras	2,607	1,348	4	264	987	4	-
Iloilo	28,856	10,038	205	8,813	9,629	161	10
Negros Occidental	16,063	3,459	203	7,400	4,875	113	13

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

AREA	Total Livebirths	Attendant at Birth					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
Roxas City	2,914	964	105	984	856	2	3
Iloilo City	9,664	7,172	124	1,563	733	69	3
City of Passi	1,269	346	4	406	503	10	-
Bacolod City	8,488	5,961	19	1,085	1,421	-	2
Bago City	2,283	812	3	1,236	232	-	-
Cadiz City	2,820	1,294	5	90	1,431	-	-
City of Escalante	1,534	383	3	360	787	-	1
City of Himamaylan	1,739	543	12	541	635	7	1
City of Kabankalan	2,943	798	14	711	1,246	173	1
La Carlota City	1,003	305	1	501	196	-	-
Sagay City	2,419	484	2	1,500	433	-	-
San Carlos City	2,438	329	30	1,370	689	20	-
Silay City	2,099	1,252	11	376	454	4	2
City of Sipalay	1,118	71	1	791	251	3	1
City of Talisay	1,369	843	-	243	283	-	-
City of Victorias	1,353	296	1	821	234	-	1
REGION VII - CENTRAL VISAYAS	145,389	53,019	1,484	61,069	29,083	679	55
Bohol	22,873	7,310	415	10,907	4,206	19	16
Cebu	44,702	12,290	321	22,053	9,629	390	19
Negros Oriental	15,871	4,204	49	3,888	7,610	109	11
Siquijor	1,556	666	-	842	48	-	-
Tagbilaran City	1,912	1,190	42	674	3	-	3
Cebu City	22,247	12,398	202	8,637	956	54	-
Danao City	3,156	1,129	16	1,155	856	-	-
Lapu-Lapu City	9,107	3,394	202	4,059	1,447	4	1
Mandaue City	8,339	3,626	80	4,594	31	4	4
City of Talisay	4,390	1,746	37	2,122	447	37	1
Toledo City	4,022	1,091	96	1,056	1,768	11	-
Bais City	1,217	478	-	185	554	-	-
City of Bayawan	1,435	434	3	336	650	12	-
Canlaon City	862	148	3	351	353	7	-
Dumaguete City	2,526	2,282	15	81	120	28	-
City of Tanjay	1,174	633	3	129	405	4	-
REGION VIII - EASTERN VISAYAS	63,886	21,642	531	15,188	26,389	96	40
Biliran	2,747	1,263	41	1,271	141	6	25
Eastern Samar	5,822	1,632	44	1,463	2,680	3	-
Leyte	25,701	7,089	213	7,482	10,828	77	12
Northern Samar	6,194	1,514	24	1,199	3,453	2	2
Samar	6,622	961	48	1,342	4,268	3	-
Southern Leyte	5,570	2,969	100	1,294	1,206	1	-
Ormoc City	3,638	1,507	42	454	1,634	-	1
Tacloban City	3,686	2,700	4	338	641	3	-
Calbayog City	2,493	889	9	156	1,438	1	-
City of Maasin	1,413	1,118	6	189	100	-	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

AREA	Total Livebirths	Attendant at Birth					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
REGION IX - ZAMBOANGA PENINSULA	47,202	13,476	717	12,835	19,739	348	87
Zamboanga Del Norte	10,072	1,462	62	3,007	5,459	45	37
Zamboanga Del Sur	10,805	1,804	177	2,391	6,332	99	2
Zamboanga Sibugay	7,315	965	72	1,766	4,432	77	3
Dapitan City	1,477	729	4	202	539	1	2
Dipolog City	2,449	1,470	4	395	580	-	-
Pagadian City	3,111	1,114	4	1,867	123	2	1
Zamboanga City	11,973	5,932	394	3,207	2,274	124	42
REGION X - NORTHERN MINDANAO	79,628	28,902	415	20,979	28,965	168	199
Bukidnon	18,100	5,156	137	4,509	8,227	68	3
Camiguin	1,873	692	24	852	303	-	2
Lanao del Norte	7,633	1,885	50	3,349	2,329	13	7
Misamis Occidental	5,089	1,636	35	835	2,578	5	-
Misamis Oriental	13,620	4,014	47	3,916	5,536	71	36
City of Malaybalay	3,182	1,245	7	806	1,124	-	-
City of Valencia	3,775	823	29	1,779	1,143	1	-
Iligan City	5,749	2,763	15	1,586	1,380	2	3
Oroquieta City	1,299	876	1	52	369	1	-
Ozamis City	2,263	1,571	5	30	654	3	-
Tangub City	1,186	380	3	118	684	1	-
Cagayan de Oro City	13,257	7,214	59	2,618	3,215	3	148
Gingoog City	2,602	647	3	529	1,423	-	-
REGION XI - DAVAO	84,309	35,953	682	21,324	25,687	661	2
Compostela Valley	12,271	3,627	188	3,007	5,424	25	-
Davao	8,075	2,813	189	1,732	3,334	7	-
Davao Del Sur	10,129	2,512	79	1,816	5,693	29	-
Davao Oriental	7,189	2,701	24	795	3,661	6	2
City of Panabo	3,347	1,767	3	913	658	6	-
Island Garden City of Samal	1,915	924	3	518	455	15	-
City of Tagum	5,202	2,754	5	1,372	1,064	7	-
Davao City	33,202	17,456	181	10,708	4,291	566	-
City of Digos	2,979	1,399	10	463	1,107	-	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

AREA	Total Livebirths	Attendant at Birth					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
REGION XII - SOCCSKSARGEN	61,987	16,952	1,038	17,713	25,844	415	25
Cotabato	18,359	3,521	304	4,666	9,798	56	14
Saranggani	6,199	1,044	195	1,191	3,755	12	2
South Cotabato	9,941	3,767	157	2,458	3,322	236	1
Sultan Kudarat	7,437	1,476	119	3,136	2,677	29	-
City of Kidapawan	3,041	1,172	2	1,129	733	1	4
General Santos City	12,202	4,224	237	3,427	4,257	56	1
City of Koronadal	2,978	1,136	20	1,127	667	25	3
City of Tacurong	1,830	612	4	579	635	-	-
REGION XIII - CARAGA	36,998	12,966	257	7,664	16,049	54	8
Agusan del Norte	5,810	1,310	26	2,127	2,335	12	-
Agusan del Sur	10,442	2,192	96	2,463	5,677	14	-
Surigao del Norte	5,433	1,427	88	1,574	2,325	13	6
Surigao del Sur	5,723	3,045	36	589	2,048	5	-
Butuan City	5,865	2,874	7	413	2,563	8	-
Surigao City	2,456	1,342	2	161	948	2	1
City of Bislig	1,269	776	2	337	153	-	1
ARMM	8,327	2,984	78	1,094	4,154	5	12
Basilan	211	30	-	10	171	-	-
Lanao del Sur	748	509	2	35	201	1	-
Maguindanao	2,482	544	9	364	1,553	1	11
Sulu	469	27	1	11	429	1	-
Tawi-tawi	786	55	5	99	626	-	1
City of Isabela	818	213	4	156	444	1	-
City of Lamitan	231	71	3	43	114	-	-
Marawi City	475	399	-	20	56	-	-
Cotabato City	2,107	1,136	54	356	560	1	-
FOREIGN COUNTRY	345	186	4	83	67	4	1

Note: Table by usual residence

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

Area	Total Livebirths	Births Attended by:					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
PHILIPPINES	1,745,585	42.2	1.0	30.8	25.4	0.6	0.0
NATIONAL CAPITAL REGION	265,774	60.1	0.4	30.5	8.9	0.1	0.0
City of Manila	44,047	77.2	0.1	19.9	2.7	0.1	0.0
City of Mandaluyong	7,674	71.5	1.2	24.5	2.8	0.0	0.0
City of Marikina	8,074	52.5	0.2	41.3	6.0	0.0	0.0
City of Pasig	16,623	52.6	0.3	33.9	13.2	0.0	0.0
Quezon City	59,425	58.4	0.2	31.0	10.3	0.1	0.0
San Juan	2,159	79.9	2.3	16.0	1.7	0.0	0.0
Kalookan City	34,134	47.0	0.4	39.2	13.2	0.0	0.0
City of Malabon	6,717	59.1	0.1	30.5	10.2	0.0	0.0
City of Valenzuela	12,530	59.9	0.8	33.6	5.6	0.0	0.0
Navotas	5,146	56.8	0.5	33.6	9.1	0.1	0.0
City of Las Piñas	11,634	49.6	0.3	35.9	14.1	0.2	0.0
City of Makati	11,735	80.5	0.2	17.1	2.2	0.1	0.0
City of Muntinlupa	9,224	49.1	0.2	35.1	15.5	0.1	0.0
City of Parañaque	11,819	57.6	0.8	28.5	13.0	0.1	0.0
Pasay City	7,977	85.3	0.2	9.0	4.5	1.1	0.0
City of Taguig	15,763	41.8	1.4	45.6	11.1	0.1	0.0
Pateros	1,093	40.8	0.1	58.5	0.6	0.0	0.0
CORDILLERA ADMINISTRATIVE REGION	33,207	63.1	2.1	12.4	9.5	12.9	0.1
Abra	4,500	55.8	3.2	17.2	22.1	1.6	0.1
Apayao	1,784	47.5	1.0	14.4	26.4	10.8	0.0
Benguet	8,814	69.0	1.8	7.8	2.1	19.3	0.0
Ifugao	3,657	25.8	6.4	31.0	12.1	24.4	0.2
Kalinga	3,747	40.7	1.1	18.9	18.9	20.1	0.2
Mt. Province	3,027	48.5	2.7	17.4	11.3	20.0	0.1
Baguio City	7,678	98.8	0.1	0.3	0.1	0.7	0.0
REGION I - ILOCOS	98,439	46.8	1.2	36.4	15.1	0.4	0.1
Ilocos Norte	8,481	64.1	0.3	30.3	5.1	0.2	0.0
Ilocos Sur	10,230	53.1	0.8	28.5	15.6	2.0	0.0
La Union	12,744	56.7	0.8	29.2	12.6	0.7	0.0
Pangasinan	48,054	34.4	1.4	45.4	18.6	0.2	0.1
Laoag City	1,831	87.7	0.1	4.7	7.5	0.0	0.1
City of Candon	1,114	58.1	0.2	28.5	13.3	0.0	0.0
City of Vigan	964	68.0	0.5	30.1	1.3	0.0	0.0
City of San Fernando	2,337	72.1	8.7	17.4	1.4	0.2	0.3
City of Alaminos	1,969	52.4	1.1	29.4	16.8	0.2	0.2
Dagupan City	4,079	55.3	0.1	30.3	14.1	0.0	0.1
San Carlos City	3,576	51.1	0.3	32.0	16.4	0.0	0.2
City of Urdaneta	3,060	56.8	0.3	25.3	17.3	0.1	0.2

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
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Philippines, 2009

Area	Total Livebirths	Births Attended by:					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
REGION II - CAGAYAN VALLEY	65,008	32.3	0.9	29.5	35.5	1.8	0.0
Batanes	283	71.0	1.8	26.1	0.7	0.4	0.0
Cagayan	19,876	31.5	0.9	20.5	46.9	0.2	0.0
Isabela	23,396	24.8	1.5	38.1	35.3	0.3	0.0
Nueva Vizcaya	9,125	43.7	0.3	17.3	28.7	10.0	0.0
Quirino	3,335	24.5	0.6	26.7	43.3	4.6	0.2
Tuguegarao City	3,121	51.7	0.1	44.0	4.2	0.0	0.0
City of Cauayan	2,505	39.5	0.3	32.3	27.9	0.0	0.0
City of Santiago	3,367	38.5	0.6	42.4	18.4	0.1	0.0
REGION III - CENTRAL LUZON	204,148	53.2	1.2	33.4	12.1	0.1	0.0
Aurora	3,959	22.4	1.0	17.4	59.0	0.2	0.0
Bataan	12,253	61.4	0.1	32.4	6.0	0.0	0.0
Bulacan	38,410	49.0	0.5	41.8	8.6	0.0	0.0
Nueva Ecija	25,282	35.7	2.3	41.3	20.4	0.1	0.1
Pampanga	35,290	73.2	0.2	21.6	4.9	0.0	0.1
Tarlac	18,924	40.8	2.6	44.1	12.3	0.1	0.0
Zambales	12,044	53.0	1.7	24.3	20.8	0.1	0.1
City of Balanga	1,976	76.5	0.3	21.5	1.6	0.2	0.1
City of Malolos	4,371	65.8	0.2	31.1	2.8	0.0	0.0
City of Meycauayan	3,914	44.1	0.2	43.0	12.5	0.1	0.0
City of San Jose Del Monte	9,363	51.0	0.8	32.9	15.3	0.0	0.0
Cabanatuan City	5,021	78.3	0.2	12.3	9.1	0.0	0.0
City of Gapan	2,177	41.2	0.1	53.3	5.3	0.0	0.0
Science City of Muñoz	1,358	35.9	1.0	30.2	32.8	0.1	0.0
Palayan City	645	52.9	0.8	18.8	27.6	0.0	0.0
San Jose City	2,723	43.0	9.3	36.4	11.1	0.2	0.0
Angeles City	8,171	42.1	1.4	50.4	6.0	0.0	0.0
City of San Fernando	5,802	78.2	0.1	13.8	7.7	0.1	0.1
City of Tarlac	7,314	55.8	3.6	22.0	18.5	0.1	0.0
Olangapo City	5,151	51.3	1.4	34.2	12.9	0.1	0.1
REGION IVA - CALABARZON	266,688	40.0	0.9	35.2	23.5	0.3	0.0
Batangas	35,167	40.3	0.4	29.1	30.1	0.1	0.1
Cavite	57,123	39.8	2.3	42.3	15.5	0.2	0.0
Laguna	37,296	37.8	0.7	44.5	16.8	0.2	0.0
Quezon	34,219	30.3	0.8	26.6	42.1	0.2	0.1
Rizal	34,602	40.6	0.7	42.2	15.9	0.6	0.0

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		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
Batangas City	6,414	53.6	0.1	16.5	29.8	0.0	0.0
Lipa City	7,220	48.7	0.0	19.7	31.4	0.1	0.1
City of Tanauan	3,957	51.9	0.2	21.5	26.3	0.1	0.0
Cavite City	2,079	57.5	1.7	35.4	5.3	0.0	0.0
Tagaytay City	1,269	30.4	0.8	41.7	27.0	0.1	0.0
Trece Martires City	2,681	47.2	0.2	27.4	25.1	0.1	0.0
City of Calamba	9,880	43.5	0.1	33.7	21.5	1.1	0.0
San Pablo City	5,991	42.7	1.7	36.4	19.2	0.0	0.0
City of Santa Rosa	6,172	39.9	0.1	44.5	15.5	0.0	0.0
Lucena City	5,732	50.8	0.6	14.4	34.1	0.0	0.1
City of Antipolo	16,866	42.9	0.1	28.0	27.8	1.3	0.0
REGION IVB - MIMAROPA	47,200	27.5	1.0	20.1	50.4	0.9	0.1
Marinduque	4,965	19.7	0.2	24.9	53.7	1.5	0.0
Occidental Mindoro	8,533	23.4	0.5	16.0	57.8	2.3	0.0
Oriental Mindoro	12,276	24.8	1.1	18.2	55.1	0.7	0.1
Palawan	9,925	14.9	1.1	15.4	67.7	0.8	0.1
Romblon	5,454	38.9	3.2	36.0	21.8	0.0	0.0
Calapan City	2,582	61.0	0.0	6.4	32.5	0.0	0.0
Puerto Princesa City	3,465	51.6	0.3	28.9	19.1	0.0	0.1
REGION V - BICOL	115,772	24.4	2.4	25.2	47.8	0.1	0.0
Albay	17,706	19.0	1.7	29.0	50.1	0.2	0.0
Camarines Norte	11,906	16.5	11.3	28.8	43.0	0.5	0.0
Camarines Sur	33,836	16.9	1.1	25.5	56.3	0.1	0.0
Catanduanes	5,186	46.7	0.6	16.2	36.5	0.1	0.0
Masbate	13,485	9.3	0.8	22.8	67.0	0.1	0.0
Sorsogon	11,335	36.8	3.6	24.2	35.2	0.1	0.0
Legazpi City	4,309	44.7	4.1	27.2	24.0	0.0	0.0
City of Ligao	2,679	28.1	0.0	5.6	66.2	0.0	0.0
City of Tabaco	3,042	25.3	0.2	33.3	41.1	0.1	0.0
Iriga City	2,343	21.3	0.3	48.6	29.8	0.0	0.0
Naga City	4,726	51.3	0.8	18.9	28.9	0.0	0.0
City of Masbate	1,948	44.5	0.2	17.9	37.5	0.0	0.0
City of Sorsogon	3,271	64.5	0.2	19.7	15.5	0.0	0.0
REGION VI - WESTERN VISAYAS	121,278	37.7	0.8	31.6	29.3	0.5	0.0
Aklan	10,309	34.6	1.2	29.7	34.3	0.1	0.1
Antique	9,146	29.3	0.4	31.7	38.2	0.4	0.0
Capiz	8,844	31.6	0.6	37.1	30.5	0.1	0.1
Guimaras	2,607	51.7	0.2	10.1	37.9	0.2	0.0
Iloilo	28,856	34.8	0.7	30.5	33.4	0.6	0.0
Negros Occidental	16,063	21.5	1.3	46.1	30.3	0.7	0.1

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

Area	Total Livebirths	Births Attended by:					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
Roxas City	2,914	33.1	3.6	33.8	29.4	0.1	0.1
Iloilo City	9,664	74.2	1.3	16.2	7.6	0.7	0.0
City of Passi	1,269	27.3	0.3	32.0	39.6	0.8	0.0
Bacolod City	8,488	70.2	0.2	12.8	16.7	0.0	0.0
Bago City	2,283	35.6	0.1	54.1	10.2	0.0	0.0
Cadiz City	2,820	45.9	0.2	3.2	50.7	0.0	0.0
City of Escalante	1,534	25.0	0.2	23.5	51.3	0.0	0.1
City of Himamaylan	1,739	31.2	0.7	31.1	36.5	0.4	0.1
City of Kabankalan	2,943	27.1	0.5	24.2	42.3	5.9	0.0
La Carlota City	1,003	30.4	0.1	50.0	19.5	0.0	0.0
Sagay City	2,419	20.0	0.1	62.0	17.9	0.0	0.0
San Carlos City	2,438	13.5	1.2	56.2	28.3	0.8	0.0
Silay City	2,099	59.6	0.5	17.9	21.6	0.2	0.1
City of Sipalay	1,118	6.4	0.1	70.8	22.5	0.3	0.1
City of Talisay	1,369	61.6	0.0	17.8	20.7	0.0	0.0
City of Victorias	1,353	21.9	0.1	60.7	17.3	0.0	0.1
REGION VII - CENTRAL VISAYAS	145,389	36.5	1.0	42.0	20.0	0.5	0.0
Bohol	22,873	32.0	1.8	47.7	18.4	0.1	0.1
Cebu	44,702	27.5	0.7	49.3	21.5	0.9	0.0
Negros Oriental	15,871	26.5	0.3	24.5	47.9	0.7	0.1
Siquijor	1,556	42.8	0.0	54.1	3.1	0.0	0.0
Tagbilaran City	1,912	62.2	2.2	35.3	0.2	0.0	0.2
Cebu City	22,247	55.7	0.9	38.8	4.3	0.2	0.0
Danao City	3,156	35.8	0.5	36.6	27.1	0.0	0.0
Lapu-Lapu City	9,107	37.3	2.2	44.6	15.9	0.0	0.0
Mandaue City	8,339	43.5	1.0	55.1	0.4	0.0	0.0
City of Talisay	4,390	39.8	0.8	48.3	10.2	0.8	0.0
Toledo City	4,022	27.1	2.4	26.3	44.0	0.3	0.0
Bais City	1,217	39.3	0.0	15.2	45.5	0.0	0.0
City of Bayawan	1,435	30.2	0.2	23.4	45.3	0.8	0.0
Canlaon City	862	17.2	0.3	40.7	41.0	0.8	0.0
Dumaguete City	2,526	90.3	0.6	3.2	4.8	1.1	0.0
City of Tanjay	1,174	53.9	0.3	11.0	34.5	0.3	0.0
REGION VIII - EASTERN VISAYAS	63,886	33.9	0.8	23.8	41.3	0.2	0.1
Biliran	2,747	46.0	1.5	46.3	5.1	0.2	0.9
Eastern Samar	5,822	28.0	0.8	25.1	46.0	0.1	0.0
Leyte	25,701	27.6	0.8	29.1	42.1	0.3	0.0
Northern Samar	6,194	24.4	0.4	19.4	55.7	0.0	0.0
Samar	6,622	14.5	0.7	20.3	64.5	0.0	0.0
Southern Leyte	5,570	53.3	1.8	23.2	21.7	0.0	0.0
Ormoc City	3,638	41.4	1.2	12.5	44.9	0.0	0.0
Tacloban City	3,686	73.3	0.1	9.2	17.4	0.1	0.0
Calbayog City	2,493	35.7	0.4	6.3	57.7	0.0	0.0
City of Maasin	1,413	79.1	0.4	13.4	7.1	0.0	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

Area	Total Livebirths	Births Attended by:					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
REGION IX - ZAMBOANGA PENINSULA	47,202	28.5	1.5	27.2	41.8	0.7	0.2
Zamboanga Del Norte	10,072	14.5	0.6	29.9	54.2	0.4	0.4
Zamboanga Del Sur	10,805	16.7	1.6	22.1	58.6	0.9	0.0
Zamboanga Sibugay	7,315	13.2	1.0	24.1	60.6	1.1	0.0
Dapitan City	1,477	49.4	0.3	13.7	36.5	0.1	0.1
Dipolog City	2,449	60.0	0.2	16.1	23.7	0.0	0.0
Pagadian City	3,111	35.8	0.1	60.0	4.0	0.1	0.0
Zamboanga City	11,973	49.5	3.3	26.8	19.0	1.0	0.4
REGION X - NORTHERN MINDANAO	79,628	36.3	0.5	26.3	36.4	0.2	0.2
Bukidnon	18,100	28.5	0.8	24.9	45.5	0.4	0.0
Camiguin	1,873	36.9	1.3	45.5	16.2	0.0	0.1
Lanao del Norte	7,633	24.7	0.7	43.9	30.5	0.2	0.1
Misamis Occidental	5,089	32.1	0.7	16.4	50.7	0.1	0.0
Misamis Oriental	13,620	29.5	0.3	28.8	40.6	0.5	0.3
City of Malaybalay	3,182	39.1	0.2	25.3	35.3	0.0	0.0
City of Valencia	3,775	21.8	0.8	47.1	30.3	0.0	0.0
Iligan City	5,749	48.1	0.3	27.6	24.0	0.0	0.1
Oroquieta City	1,299	67.4	0.1	4.0	28.4	0.1	0.0
Ozamis City	2,263	69.4	0.2	1.3	28.9	0.1	0.0
Tangub City	1,186	32.0	0.3	9.9	57.7	0.1	0.0
Cagayan de Oro City	13,257	54.4	0.4	19.7	24.3	0.0	1.1
Gingoog City	2,602	24.9	0.1	20.3	54.7	0.0	0.0
REGION XI - DAVAO	84,309	42.6	0.8	25.3	30.5	0.8	0.0
Compostela Valley	12,271	29.6	1.5	24.5	44.2	0.2	0.0
Davao	8,075	34.8	2.3	21.4	41.3	0.1	0.0
Davao Del Sur	10,129	24.8	0.8	17.9	56.2	0.3	0.0
Davao Oriental	7,189	37.6	0.3	11.1	50.9	0.1	0.0
City of Panabo	3,347	52.8	0.1	27.3	19.7	0.2	0.0
Island Garden City of Samal	1,915	48.3	0.2	27.0	23.8	0.8	0.0
City of Tagum	5,202	52.9	0.1	26.4	20.5	0.1	0.0
Davao City	33,202	52.6	0.5	32.3	12.9	1.7	0.0
City of Digos	2,979	47.0	0.3	15.5	37.2	0.0	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2009

Area	Total Livebirths	Births Attended by:					
		M.D.	Nurse	Midwife	Traditional Birth Attendants	Others	Not Stated
REGION XII - SOCCSKSARGEN	61,987	27.3	1.7	28.6	41.7	0.7	0.0
Cotabato	18,359	19.2	1.7	25.4	53.4	0.3	0.1
Saranggani	6,199	16.8	3.1	19.2	60.6	0.2	0.0
South Cotabato	9,941	37.9	1.6	24.7	33.4	2.4	0.0
Sultan Kudarat	7,437	19.8	1.6	42.2	36.0	0.4	0.0
City of Kidapawan	3,041	38.5	0.1	37.1	24.1	0.0	0.1
General Santos City	12,202	34.6	1.9	28.1	34.9	0.5	0.0
City of Koronadal	2,978	38.1	0.7	37.8	22.4	0.8	0.1
City of Tacurong	1,830	33.4	0.2	31.6	34.7	0.0	0.0
REGION XIII - CARAGA	36,998	35.0	0.7	20.7	43.4	0.1	0.0
Agusan del Norte	5,810	22.5	0.4	36.6	40.2	0.2	0.0
Agusan del Sur	10,442	21.0	0.9	23.6	54.4	0.1	0.0
Surigao del Norte	5,433	26.3	1.6	29.0	42.8	0.2	0.1
Surigao del Sur	5,723	53.2	0.6	10.3	35.8	0.1	0.0
Butuan City	5,865	49.0	0.1	7.0	43.7	0.1	0.0
Surigao City	2,456	54.6	0.1	6.6	38.6	0.1	0.0
City of Bislig	1,269	61.2	0.2	26.6	12.1	0.0	0.1
ARMM	8,327	35.8	0.9	13.1	49.9	0.1	0.1
Basilan	211	14.2	0.0	4.7	81.0	0.0	0.0
Lanao del Sur	748	68.0	0.3	4.7	26.9	0.1	0.0
Maguindanao	2,482	21.9	0.4	14.7	62.6	0.0	0.4
Sulu	469	5.8	0.2	2.3	91.5	0.2	0.0
Tawi-tawi	786	7.0	0.6	12.6	79.6	0.0	0.1
City of Isabela	818	26.0	0.5	19.1	54.3	0.1	0.0
City of Lamitan	231	30.7	1.3	18.6	49.4	0.0	0.0
Marawi City	475	84.0	0.0	4.2	11.8	0.0	0.0
Cotabato City	2,107	53.9	2.6	16.9	26.6	0.0	0.0
FOREIGN COUNTRY	345	53.9	1.2	24.1	19.4	1.2	0.3

LIVEBIRTHS BY AGE OF MOTHER AND SEX OF NEWBORN Philippines, 2009

Age-Group

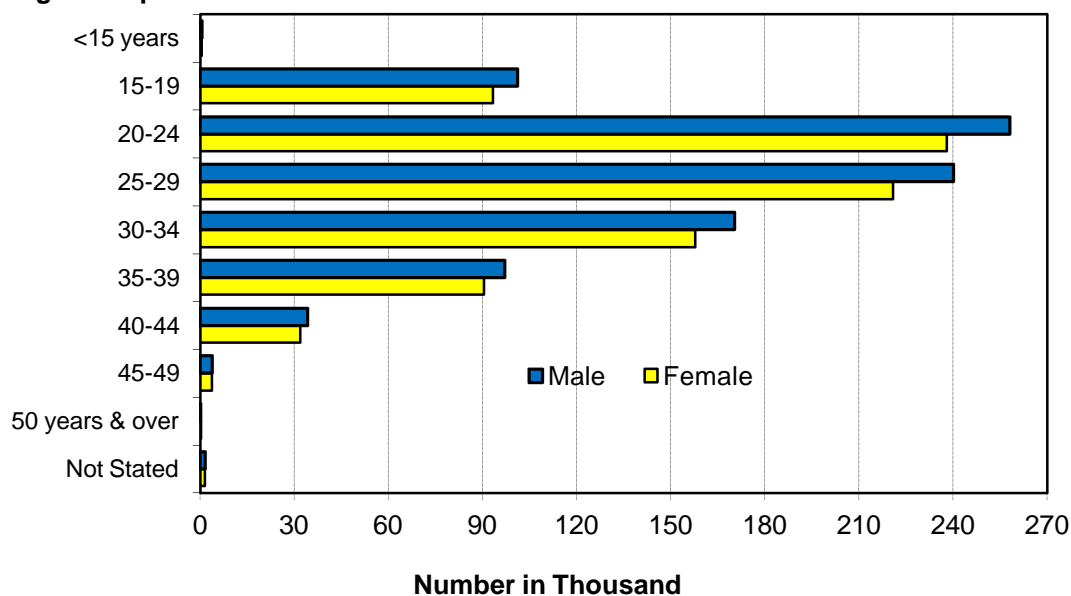


Figure 9

LIVEBIRTHS BY REGION

Percent Distribution
Philippines, 2009

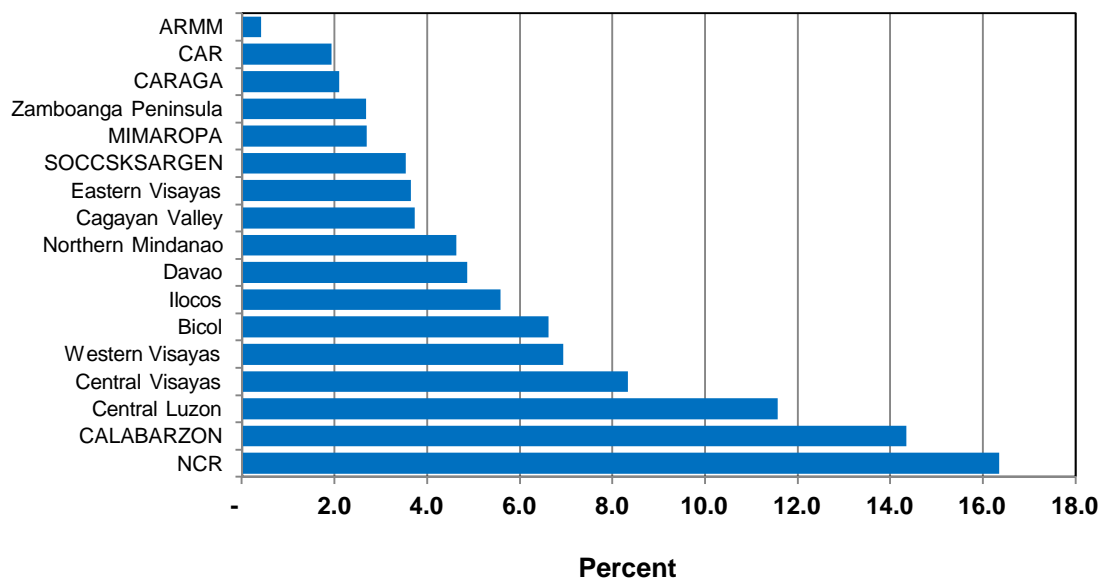


Figure 10

Table 11

NUMBER AND PERCENT DISTRIBUTION OF LIVEBIRTHS
By Age Group of Mother and Sex of Newborn
Philippines, 2009

Age of Mother	Both Sexes		Male	Female
	Number	Percent	Number	Number
All Ages	1,745,585	100.00	907,221	838,364
Under 15 years	1,113	0.06	568	545
15 - 19 years	194,549	11.15	101,139	93,410
20 - 24 years	495,958	28.41	258,047	237,911
25 - 29 years	461,020	26.41	240,170	220,850
30 - 34 years	328,063	18.79	170,311	157,752
35 - 39 years	187,578	10.75	97,061	90,517
40 - 44 years	66,064	3.78	34,216	31,848
45 - 49 years	7,712	0.44	3,885	3,827
50 years & Over	528	0.03	282	246
Not Stated	3,000	0.17	1,542	1,458

Table 12

LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING CHILDREN
Philippines, 2009

Age of Mother (In Years)	Total Livebirths	Number of Living Children				
		1	2	3	4	5
All Ages	1,745,585	671,065	443,221	269,086	153,631	87,738
Under 15 years	1,113	1083	26	4.00	-	-
15 - 19 years	194,549	166,926	25,225	2143	126	37
20 - 24 years	495,958	278,982	154,727	49,023	10,662	1,849
25 - 29 years	461,020	141,204	146,863	98,301	48,335	18,241
30 - 34 years	328,063	56,405	80,941	74,846	52,653	32,290
35 - 39 years	187,578	19,301	28,431	35,519	31,306	25,434
40 - 44 years	66,064	5,173	5,814	8,121	9,387	8,776
45 - 49 years	7,712	905	561	646	806	830
50 years & over	528	85	69	63	60	67
Not Stated	3,000	1,001	564	420	296	214

Age of Mother (In Years)	Number of Living Children					
	6	7	8	9	10 & Over	Not Stated
All Ages	52,216	30,204	17,480	9,987	9,814	1,143
Under 15 years	-	-	-	-	-	-
15 - 19 years	3	4	2	-	-	83
20 - 24 years	322	90	30	16	9	248
25 - 29 years	5,795	1,457	377	100	54	293
30 - 34 years	17,748	8,184	3,183	1,145	424	244
35 - 39 years	19,198	12,809	7,772	4,312	3361	135
40 - 44 years	8,131	6,705	5,275	3,748	4,884	50
45 - 49 years	828	814	727	598	987	10
50 years & over	49	33	31	31	40	-
Not Stated	142	108	83	37	55	80

Table 13

LIVEBIRTHS BY AGE OF MOTHER & REGION
Philippines, 2009

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	1,745,585	1,113	194,549	495,958	461,020	328,063	187,578	66,064	7,712	528	3,000
NCR	265,774	209	28,346	72,509	75,643	53,527	26,797	7,665	739	53	286
CAR	33,207	25	3,709	9,624	8,688	6,055	3,471	1,303	178	8	146
Region I	98,439	58	10,950	28,516	26,229	17,930	10,340	3,721	491	28	176
Region II	65,008	51	8,810	19,462	16,398	11,003	6,426	2,367	328	28	135
Region III	204,148	129	23,837	58,249	55,526	38,101	20,547	6,569	759	76	355
Region IVA	266,688	135	27,884	73,903	73,318	52,748	28,089	9,354	1,020	72	165
Region IVB	47,200	34	5,178	13,413	12,143	8,438	5,383	2,179	236	20	176
Region V	115,772	41	10,802	32,194	29,397	21,978	14,424	5,997	776	50	113
Region VI	121,278	55	11,254	32,872	31,231	23,686	15,098	5,909	768	39	366
Region VII	145,389	79	15,742	42,979	38,268	26,152	15,737	5,658	568	21	185
Region VIII	63,886	29	7,325	18,123	15,799	11,897	7,293	2,813	298	22	287
Region IX	47,202	32	5,540	13,227	11,704	8,865	5,475	2,017	250	23	69
Region X	79,628	56	10,175	23,649	19,536	13,943	8,457	3,163	412	37	200
Region XI	84,309	85	11,804	26,046	20,634	14,214	8,258	2,900	319	15	34
Region XII	61,987	52	8,132	18,677	15,062	10,939	6,372	2,366	279	17	91
CARAGA	36,998	37	4,303	10,421	9,190	6,738	4,320	1,742	217	7	23
ARMM	8,327	6	726	2,026	2,188	1,776	1,037	327	71	12	158
Foreign Countries	345	-	32	68	66	73	54	14	3	-	35

Note: table by usual residence

MORBIDITY AND NOTIFIABLE DISEASES STATISTICS

The Department of Health (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, Meningococemia, and other diseases with unusual occurrence.

This mandatory reporting of diseases was by virtue of Republic Act 3573 or otherwise known as the Law on Reporting of Communicable Diseases.

The source of the Morbidity data presented in this report is the 2009 Field Health Service Information System (FHSIS) Annual Report. The FHSIS data were based on the weekly notifiable disease reports from Barangay Health Stations (BHSs) and Rural Health Units (RHUs). These were consolidated at the provincial/city and regional levels and then submitted to the National Epidemiology Center (NEC) for the national morbidity report. The Morbidity statistics is then published as one of the components of the FHSIS Annual Report.

The PHS presents summary tables of morbidity statistics. Morbidity rates for each morbid condition were computed per 100 000 of the national and regional population. The population used was a projection based on the 2000 census conducted by the National Statistics Office (NSO).

The 2009 PHS presented the ten (10) leading causes of morbidity. The top five diseases with the highest number of cases reported were Acute Respiratory Infection with a total of 1,095,328 cases or a rate of 1203.6 per 100,000 population. It was followed by Acute Lower Respiratory Tract Infection (ALRTI) and Pneumonia (557,786; 612.6), Bronchitis/Bronchiolitis (346,627; 380.7), Hypertension (333,497; 366.3) and Acute Watery Diarrhea (322,799; 354.5). The same diseases were recorded last year as top five causes of morbidity but the rates this year are much lower than last year.

The five-year average of the most common diseases in the country showed the same kind of leading morbid conditions that Filipinos had suffered from for the past five years except for Acute Respiratory Infection which was included in the list only in 2008. (Table 14)

Table 15 shows the ten leading causes of morbidity for male and female. The same morbid conditions were identified for both sexes, which only differs in rates and consequently a slight difference in ranks. Infectious conditions are most common to both sexes and cases of Injuries are significant this year, as it is now one of the ten leading cause of morbidity.

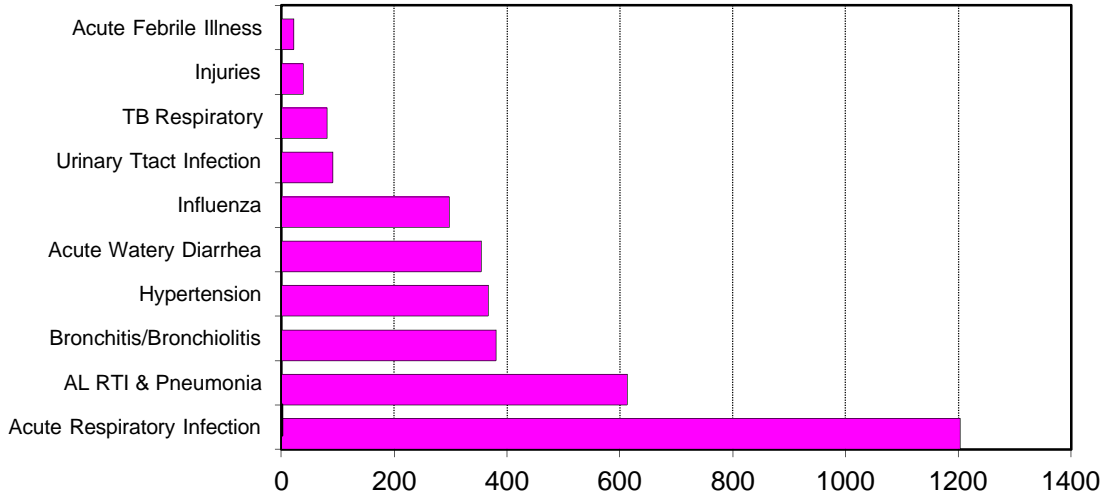
More women than men had suffered from Hypertension. Apparently, more cases of respiratory conditions like ARI, ALRTI and Pneumonia were also recorded in women. In contrary, more men than women had suffered from infectious diseases like Diarrhea and Respiratory Tuberculosis. In summary, seven out of the ten leading causes of morbidity were case dominated by female. However, the data were based on reports submitted with sex disaggregation only.

The 2009 report on notifiable diseases showed a large variation in Morbidity rates by type of morbid conditions across regions. Nevertheless, the national data on the top leading causes of morbidity is consistent with the reported leading causes of morbidity for each region. (Table 16)

MORBIDITY : TEN (10) LEADING CAUSES

Rate / 100,000 Population
Philippines, 2009

Causes

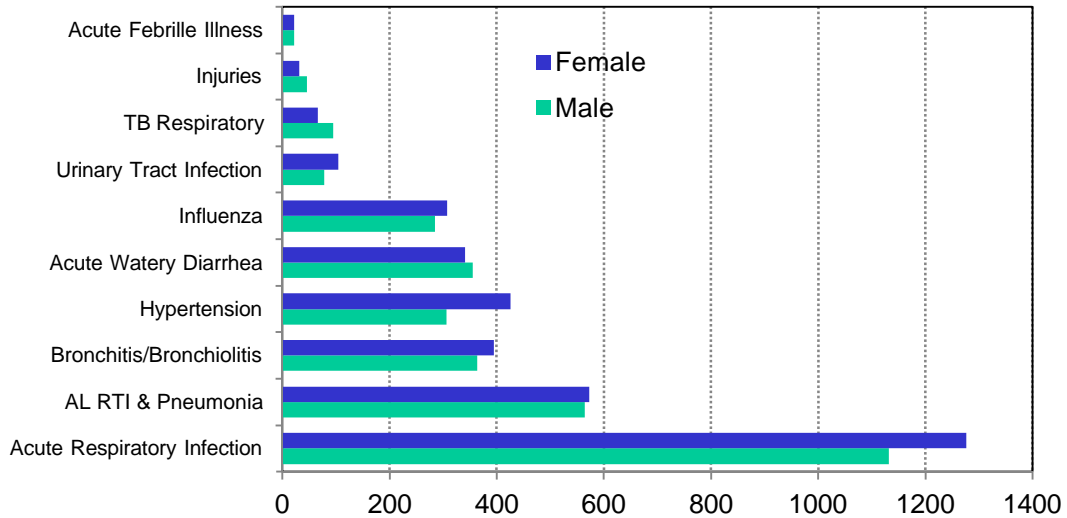


Rate
Figure 11

MORBIDITY: TEN (10) LEADING CAUSES BY SEX

Rate / 100,000 Population
Philippines, 2009

Causes



Rate
Figure 12

Table 14

MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate /100,000 Population
Philippines
5-Year Average (2004-2008) & 2009

Cause	5 Year Average (2004-2008)		2009*	
	Number	Rate	Number	Rate
1. Acute Respiratory Infection** (J22)	-	-	1,095,328	1203.0
2. Acute Lower Respiratory Tract Infection and Pneumonia (J12-J18; J20-J22)	704,606	840.0	557,786	612.6
3. Bronchitis/Bronchiolitis (J40)	576,427	694.4	346,627	380.7
4. Hypertension (I10)	406,226	486.0	333,497	366.3
5. Acute Watery Diarrhea (A09)	545,362	652.5	322,799	354.5
6. Influenza (J10-J11)	367,588	441.2	271,011	297.7
7. Urinary Tract Infection** (N39.0)	-	-	82,867	91.0
8. TB Respiratory (A15-A16)	112,302	135.4	73,614	80.9
9. Injuries** (S00-T98)	-	-	35,396	38.9
10. Acute febrile illness*** (R50.9)	14,817	18.4	20,250	22.2

* reference year

**ARI was included in the list of notifiable diseases in 2008 only, while UTI and Injuries are new in the list

*** Acute Febrile illness was included in the list of notifiable diseases in 2006 , 3-year average only

Table 15

MORBIDITY: TEN (10) LEADING CAUSES BY SEX
Number & Rate /100,000 Population
Philippines, 2009

Cause	Male	
	Number*	Rate
1. Acute Respiratory Infection	521,008	1,131.8
2. Acute Lower Respiratory Tract Infection and Pneumonia	259,902	564.6
3. Bronchitis/Bronchiolitis	167,481	363.8
4. Acute Watery Diarrhea	163,526	355.2
5. Hypertension	141,028	306.3
6. Influenza	131,234	285.1
7. TB Respiratory	43,698	94.9
8. Urinary Tract Infection	36,144	78.5
9. Injuries	21,060	45.7
10. Acute Febrile Illness	10,176	22.1

Cause	Female	
	Number*	Rate
1. Acute Respiratory Infection	574,320	1,275.9
2. Acute Lower Respiratory Tract Infection and Pneumonia	257,631	572.3
3. Hypertension	191,522	425.5
4. Bronchitis/Bronchiolitis	177,844	395.1
5. Acute Watery Diarrhea	153,384	340.8
6. Influenza	138,279	307.2
7. Urinary Tract Infection	46,723	103.8
8. TB Respiratory	29,916	66.5
9. Injuries	14,336	31.8
10. Acute Febrile Illness	10,074	22.4

* Based on total number of reported cases with sex disaggregation only.

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2009

Causes	National Capital Region	
	Number	Rate
1 Bronchitis/Bronchiolitis	63,786	559.4
2 Acute watery diarrhea	53,597	470.0
3 Acute lower respiratory tract infection and Pneumonia	40,238	352.9
4 Hypertension	32,804	287.7
5 TB Respiratory	17,954	157.4
6 Influenza	9,790	85.9
7 Chickenpox	3,794	33.3
8 Dengue fever	2,348	20.6
9 Acute hemorrhagic fever	977	8.7
10 Diseases of the heart	937	8.2

Causes	CAR	
	Number	Rate
1 Bronchitis/Bronchiolitis	29,059	1750.8
2 Acute watery diarrhea	18,642	1123.1
3 Acute lower respiratory tract infection and Pneumonia	17,977	1083.1
4 Hypertension	16,695	1005.8
5 Influenza	13,012	783.9
6 Acute febrile illness	3,732	224.8
7 Chickenpox	1,715	103.3
8 TB respiratory	590	35.5
9 Typhoid and parathypoid fever	370	22.3
10 Dengue fever	324	19.5

Causes	Region 1	
	Number	Rate
1 Influenza	20,913	412.2
2 Hypertension	9,578	188.8
3 Bronchitis/Bronchiolitis	7,982	157.3
4 TB respiratory	5,814	114.6
5 Acute watery diarrhea	5,522	108.8
6 Diseases of the heart	342	6.7
7 Dengue fever	226	4.5
8 Measles	106	2.1
9 Viral hepatitis	97	1.9
10 TB other forms	72	1.4

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2009

Causes	Region 2	
	Number	Rate
1 Acute respiratory infection	164,458	4972.9
2 Urinary tract infection	28,253	854.3
3 Hypertension	25,466	770.0
4 Bronchitis/Bronchiolitis	20,204	610.9
5 Influenza	17,750	536.7
6 Acute lower respiratory tract infection and Pneumonia	7,163	216.6
7 TB other forms	2,852	86.2
8 Chickenpox	1,178	35.6
9 Acute hemorrhagic fever	645	19.5
10 Diseases of the heart	357	10.8

Causes	Region 3	
	Number	Rate
1 Hypertension	44,004	441.6
2 Acute watery diarrhea	43,555	437.1
3 Bronchitis/Bronchiolitis	20,566	206.4
4 Acute lower respiratory tract infection and Pneumonia	15,308	153.6
5 TB respiratory	7,087	71.7
6 Influenza	4,186	42.0
7 Chickenpox	2,768	27.8
8 Diseases of the heart	2,468	24.8
9 Acute febrile illness	2,125	21.3
10 Malignant neoplasm	819	8.2

Causes	Region 4A	
	Number	Rate
1 Acute lower respiratory tract infection and Pneumonia	52,997	454.8
2 Acute watery diarrhea	31,633	271.5
3 Hypertension	28,197	242.0
4 Influenza	27,497	236.0
5 Bronchitis/Bronchiolitis	16,788	144.1
6 Acute Flaccid Paralysis	12,731	109.3
7 TB respiratory	4,297	36.9
8 Chickenpox	1,549	13.3
9 Dengue fever	1,510	13.0
10 Diseases of the heart	768	6.6

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2009

Causes	Region 4B	
	Number	Rate
1 Acute respiratory infection	131,419	4467.9
2 Influenza	19,375	658.7
3 Acute watery diarrhea	16,987	577.5
4 Bronchitis/Bronchiolitis	14,298	486.1
5 Hypertension	14,215	483.3
6 Urinary tract infection	13,473	458.0
Acute lower respiratory tract infection		
7 and Pneumonia	7,164	243.6
8 Malaria	4,357	148.1
9 TB respiratory	2,727	92.7
10 TB other forms	2,249	76.5

Causes	Region 5	
	Number	Rate
1 Acute respiratory infection	285,107	5087.0
2 Hypertension	44,266	789.8
3 Influenza	33,249	593.2
4 Acute watery diarrhea	29,228	521.5
5 Bronchitis/Bronchiolitis	23,412	432.9
6 Acute lower respiratory tract infection	23,129	427.7
and Pneumonia		
7 Asthma, all forms	17,126	305.6
8 Urinary tract infection	13,325	237.8
9 Anemias	13,275	236.9
10 Parasitism	12,363	220.6

Causes	Region 6	
	Number	Rate
1 Acute respiratory infection	169,319	2278.1
2 Acute lower respiratory tract infection	49,786	669.9
and Pneumonia		
3 Injuries	35,396	476.2
4 Influenza	28,226	379.8
5 Acute watery diarrhea	24,161	325.1
6 Hypertension	23,790	320.1
7 Bronchitis/Bronchiolitis	22,835	307.2
8 Urinary tract infection	16,113	216.8
9 TB respiratory	12,674	170.5
10 Skin disease/disorder	11,226	151.0

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2009

Causes	Region 7	
	Number	Rate
1 Acute lower respiratory tract infection and Pneumonia	58,031	842.2
2 Acute watery diarrhea	32,850	476.7
3 Bronchitis/Bronchiolitis	26,890	390.2
4 Hypertension	21,832	316.8
5 Influenza	1,482	21.5
6 Acute febrile illness	1,158	16.8
7 Chickenpox	623	9.0
8 Dengue fever	547	7.9
9 Diseases of the heart	412	6.0
10 Rabies	174	2.5

Causes	Region 8	
	Number	Rate
1 Acute lower respiratory tract infection and Pneumonia	185,074	4245.9
2 Bronchitis/Bronchiolitis	35,589	816.5
3 Acute watery diarrhea	27,248	625.1
4 Hypertension	21,782	499.7
5 Influenza	8,580	196.8
6 Diseases of the heart	6,855	157.3
7 TB respiratory	4,305	98.8
8 Dengue fever	1,011	23.2
9 Chickenpox	773	17.7
10 Schistosomiasis	464	10.6

Causes	Region 9	
	Number	Rate
1 Acute respiratory infection	128,689	3764.2
2 Influenza	37,096	1085.1
3 Acute watery diarrhea	29,972	876.7
4 Hypertension	27,811	813.5
5 Acute lower respiratory tract infection and Pneumonia	24,159	906.7
6 Bronchitis/Bronchiolitis	22,409	655.5
7 Urinary tract infection	11,703	342.3
8 TB respiratory	4,315	126.2
9 Typhoid and paratyphoid fever	2,890	84.5
10 Chickenpox	1,039	30.4

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2009

Causes	Region 10	
	Number	Rate
1 Acute respiratory infection	56,040	1315.4
2 URTI/AURI	37,429	878.5
3 Bronchitis/Bronchiolitis	36,311	852.3
4 Acute lower respiratory tract infection and Pneumonia	25,734	604.0
5 Hypertension	24,433	573.5
6 Influenza	19,747	463.5
7 Wounds, all forms	19,668	461.7
8 Acute watery diarrhea	16,257	381.6
9 Skin diseases/problems	14,407	338.2
10 Urinary tract infection	13,908	326.5

Causes	Region 11	
	Number	Rate
1 Acute respiratory infection	198,308	5368.3
2 Acute lower respiratory tract infection and Pneumonia	40,459	1095.3
3 Bronchitis/Bronchiolitis	5,719	154.8
4 Hypertension	4,141	112.1
5 Dengue fever	3,799	102.8
6 TB respiratory	3,301	89.4
7 Acute hemorrhagic fever	3,217	87.1
8 Diseases of the heart	2,334	63.2
9 Influenza	2,233	60.4
10 Malignant neoplasm	1,400	37.9

Causes	Region 12	
	Number	Rate
1 Acute lower respiratory tract infection and Pneumonia	68,730	1721.8
2 Influenza	32,368	810.9
3 Bronchitis/Bronchiolitis	27,921	699.5
4 Acute watery diarrhea	25,867	648.0
5 URTI	21,568	540.3
6 Acute respiratory infection	18,028	451.6
7 Hypertension	16,214	406.2
8 Wounds, all kinds	12,983	325.2
9 Fever, unspecified	12,230	306.4
10 Disorder of the skin and subcutaneous tissue	9,767	244.7

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2009

Causes	CARAGA	
	Number	Rate
1 Acute respiratory infection	41,655	1697.5
2 Acute watery diarrhea	13,508	550.5
3 Acute lower respiratory tract infection and Pneumonia	12,968	528.5
4 Hypertension	11,836	482.3
5 Bronchitis/Bronchiolitis	10,160	414.0
6 Acute febrile illness	7,314	298.1
7 Schistosomiasis	3,920	159.7
8 TB respiratory	2,506	102.1
9 Chickenpox	839	34.2
10 Influenza	574	23.4

* population of respective region

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2009

Area	Acute Watery Diarrhea		Acute Bloody Diarrhea		Cholera (A00)		Typhoid and Paratyphoid Fever (A01)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	323,211	350.5	584	0.6	269	0.3	6,297	6.8
NCR	53,597	470.0	-	0.0	-	0.0	186	1.6
CAR	18,642	1123.1	141	8.5	-	0.0	370	22.3
Region 1	5,522	108.8	-	0.0	3	0.1	67	1.3
Region 2	284	8.6	4	0.1	-	0.0	288	8.7
Region 3	43,555	437.1	46	0.5	-	0.0	542	5.4
Region 4A	31,633	271.5	248	2.1	240	2.1	293	2.5
Region 4B	16,987	577.5	-	0.0	1	0.0	203	6.9
Region 5	29,228	521.5	145	2.6	2	0.0	49	0.9
Region 6	24,161	325.1	-	0.0	-	0.0	-	0.0
Region 7	412	6.0	-	0.0	-	0.0	174	2.5
Region 8	27,248	625.1	-	0.0	11	0.3	290	6.7
Region 9	29,972	900.1	-	0.0	10	0.3	2,890	86.8
Region 10	16,103	378.0	-	0.0	-	0.0	203	4.8
Region 11	-	0.0	-	0.0	2	0.0	742	17.3
Region 12	25,867	680.7	-	0.0	-	0.0	-	0.0
CARAGA	-	0.0	-	0.0	-	0.0	-	0.0
ARMM	-	0.0	-	0.0	-	0.0	-	0.0

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2009

Area	Leptospirosis (A27)		Leprosy (A30)		Neonatal Tetanus (A33)		Non-Neonatal Tetanus (A35)	
	Number	Rate	Number	Rate	Number	Rate*	Number	Rate
Philippines	516	0.6	269	0.3	31	0.0	137	0.1
NCR	345	3.0	1	0.0	-	0.0	-	0.0
CAR	-	0.0	1	0.1	-	0.0	-	0.0
Region 1	42	0.8	17	0.3	-	0.0	2	0.0
Region 2	14	0.4	11	0.3	-	0.0	-	0.0
Region 3	49	0.5	14	0.1	-	0.0	1	0.0
Region 4A	-	0.0	12	0.1	1	0.0	-	0.0
Region 4B	-	0.0	8	0.3	2	0.0	-	0.0
Region 5	5	0.1	75	1.3	-	0.0	27	0.5
Region 6	-	0.0	-	0.0	-	0.0	-	0.0
Region 7	1	0.0	10	0.1	-	0.0	-	0.0
Region 8	1	0.0	29	0.7	5	0.1	4	0.1
Region 9	26	0.8	33	1.0	11	0.2	34	1.0
Region 10	-	0.0	51	1.2	1	0.0	-	0.0
Region 11	33	0.8	7	0.2	11	0.1	69	1.6
Region 12	-	0.0	-	0.0	-	0.0	-	0.0
CARAGA	-	0.0	-	0.0	-	0.0	-	0.0
ARMM	-	0.0	-	0.0	-	0.0	-	0.0

* per 1000 livebirth

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2009

Area	Diphtheria (A36)		Whooping Cough (A37)		Meningococcal Infection (A39)		Rabies (Human) (A82)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	4	0.0	813	0.9	8	0.0	79	0.1
NCR	-	0.0	-	0.0	-	0.0	-	0.0
CAR	-	0.0	-	0.0	-	0.0	11	0.7
Region 1	-	0.0	-	0.0	-	0.0	-	0.0
Region 2	-	0.0	-	0.0	-	0.0	-	0.0
Region 3	-	0.0	466	4.7	-	0.0	-	0.0
Region 4A	-	0.0	-	0.0	-	0.0	-	0.0
Region 4B	-	0.0	314	10.7	-	0.0	1	0.0
Region 5	-	0.0	10	0.2	-	0.0	25	0.4
Region 6	-	0.0	-	0.0	-	0.0	-	0.0
Region 7	-	0.0	-	0.0	-	0.0	-	0.0
Region 8	-	0.0	19	0.4	-	0.0	-	0.0
Region 9	-	0.0	2	0.1	4	0.1	1	0.0
Region 10	3	0.1	2	0.0	-	0.0	21	0.5
Region 11	1	0.0	-	0.0	4	0.1	20	0.5
Region 12	-	0.0	-	0.0	-	0.0	-	0.0
CARAGA	-	0.0	-	0.0	-	0.0	-	0.0
ARMM	-	0.0	-	0.0	-	0.0	-	0.0

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2009

Area	Viral Encephalitis (A86)		Viral Meningitis (A87.9)		Dengue Hemorrhagic Fever (A91)		Measles (B05)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	16	0.0	175	0.2	5,617	6.1	2,651	2.9
NCR	-	0.0	-	0.0	-	0.0	498	4.4
CAR	2	0.1	160	9.6	28	1.7	112	6.7
Region 1	-	0.0	5	0.1	-	0.0	106	2.1
Region 2	-	0.0	-	0.0	645	19.5	142	4.3
Region 3	-	0.0	-	0.0	167	1.7	437	4.4
Region 4A	2	0.0	2	0.0	446	3.8	90	0.8
Region 4B	-	0.0	-	0.0	-	0.0	28	1.0
Region 5	1	0.0	4	0.1	25	0.4	198	3.5
Region 6	-	0.0	-	0.0	-	0.0	58	0.8
Region 7	-	0.0	-	0.0	-	0.0	165	2.4
Region 8	-	0.0	4	0.1	-	0.0	92	2.1
Region 9	-	0.0	-	0.0	1,089	32.7	337	10.1
Region 10	-	0.0	-	0.0	-	0.0	237	5.6
Region 11	11	0.3	-	0.0	3,217	75.0	151	3.5
Region 12	-	0.0	-	0.0	-	0.0	-	0.0
CARAGA	-	0.0	-	0.0	-	0.0	-	0.0
ARMM	-	0.0	-	0.0	-	0.0	-	0.0

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2009

Area	Viral Hepatitis (B15-B19)		Malaria (B50-B54)		Schistosomiasis (B65)		Filariasis (B74)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	1,220	1.3	5,352	5.8	2,703	2.9	15	0.0
NCR	18	0.2	-	0.0	-	0.0	-	0.0
CAR	38	2.3	96	5.8	-	0.0	-	0.0
Region 1	97	1.9	-	0.0	-	0.0	-	0.0
Region 2	226	6.8	326	9.9	-	0.0	-	0.0
Region 3	146	1.5	54	0.5	-	0.0	-	0.0
Region 4A	143	1.2	49	0.4	-	0.0	-	0.0
Region 4B	43	1.5	4,357	148.1	9	0.3	1	0.0
Region 5	73	1.3	72	1.3	35	0.6	13	0.2
Region 6	-	0.0	-	0.0	-	0.0	-	0.0
Region 7	77	1.1	4	0.1	1	0.0	-	0.0
Region 8	63	1.4	-	0.0	464	10.6	1	0.0
Region 9	132	4.0	41	1.2	40	1.2	-	0.0
Region 10	90	2.1	79	1.9	1,869	43.9	-	0.0
Region 11	74	1.7	274	6.4	285	6.6	-	0.0
Region 12	-	0.0	-	0.0	-	0.0	-	0.0
CARAGA	-	0.0	-	0.0	-	0.0	-	0.0
ARMM	-	0.0	-	0.0	-	0.0	-	0.0

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2009

Area	Acute LRTI and Pneumonia (J18, J22)		Acute Febrile Illness (R50)		Paralytic Shellfish Poisoning (T61)	
	Number	Rate	Number	Rate	Number	Rate
Philippines	615,817	667.7	20,250	22.0	-	0.0
NCR	40,238	352.9	536	4.7	-	0.0
CAR	17,977	1083.1	3,732	224.8	-	0.0
Region 1	-	0.0	-	0.0	-	0.0
Region 2	7,163	216.6	87	2.6	-	0.0
Region 3	15,308	153.6	2,125	21.3	-	0.0
Region 4A	52,997	454.8	12,731	109.3	-	0.0
Region 4B	7,164	243.6	-	0.0	-	0.0
Region 5	23,129	412.7	1,039	18.5	-	0.0
Region 6	49,786	669.9	-	0.0	-	0.0
Region 7	58,031	842.2	-	0.0	-	0.0
Region 8	185,074	4245.9	-	0.0	-	0.0
Region 9	24,159	725.5	-	0.0	-	0.0
Region 10	25,602	600.9	-	0.0	-	0.0
Region 11	40,459	942.7	-	0.0	-	0.0
Region 12	68,730	1808.8	-	0.0	-	0.0
CARAGA	-	0.0	-	0.0	-	0.0
ARMM	-	0.0	-	0.0	-	0.0

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1989-2009

Year	Diarrheas				Typhoid and Paratyphoid Fever (A01)			
	Cases * (A09)		Deaths (A00-A09)		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2009	323,211	350.5	5,540	6.0	6,297	6.8	***	***
2008	438,959	485.3	5,395	6.0	11,119	12.3	***	***
2007	529,912	598.3	4,911	5.5	8,944	10.1	***	***
2006	589,545	691.5	5,614	6.6	11,359	13.3	***	***
2005	610,796	731.0	5,177	6.2	13,528	16.2	***	***
2004	581,414	717.1	4,717	5.8	12,535	15.5	***	***
2003	615,692	774.4	4,331	5.4	16,444	20.7	***	***
2002	726,310	932.1	3,684	4.7	13,664	17.5	***	***
2001	845,526	1107.5	4,200	5.5	15,757	20.2	***	***
2000	866,411	1159.1	4,015	5.4	13,034	17.4	***	***
1999	908,454	1241.9	3,308	4.5	17,675	24.2	892	1.2
1998	931,655	1302.1	4,606	6.4	15,507	21.7	1,120	1.6
1997	899,409	1329.7	3,493	5.2	12,724	18.8	887	1.3
1996	997,914	1475.3	4,979	7.1	12,817	18.9	1,052	1.6
1995	860,005	1351.5	4,059	5.9	21,011	33.0	1,023	1.5
1994	1,376,669	2006.3	6,402	9.3	20,946	30.5	1,207	1.8
1993	1,337,449	1948.9	4,510	6.6	19,609	28.6	1,120	1.6
1992	1,045,615	1561.0	4,799	7.2	16,497	24.6	962	1.4
1991	984,713	1507.1	4,552	7.0	13,844	21.2	1,076	1.6
1990	927,860	1458.4	6,396	10.1	15,720	24.7	1,045	1.6
1989	741,733	1195.4	6,893	11.1	17,794	28.7	1,233	2.0

* Acute Watery and Bloody Diarrhea

Year	Leprosy				Diphtheria (A36)			
	Cases (A30)		Deaths** (A30, B92)		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2009	269	0.3	36	0.0	4	0.0	18	0.0
2008	603	0.7	49	0.1	6	0.0	14	0.0
2007	524	0.6	35	0.0	24	0.0	7	0.0
2006	874	1.0	41	0.0	40	0.0	15	0.0
2005	974	1.1	49	0.1	57	0.1	11	0.0
2004	822	1.0	38	0.0	12	0.0	18	0.0
2003	697	0.9	54	0.1	30	0.0	20	0.0
2002	907	1.1	68	0.1	177	0.2	26	0.0
2001	888	1.1	68	0.1	19	0.0	21	0.0
2000	1,146	1.5	39	0.1	25	0.0	24	0.0
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

** includes late effects

*** no data available

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1989-2009

Year	Whooping Cough (A37)				Tetanus (A33, A35)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2009	813	0.9	4	0.0	168	0.2	575	0.6
2008	615	0.7	4	0.0	276	0.3	661	0.7
2007	154	0.2	1	0.0	75	0.1	667	0.8
2006	516	0.6	2	0.0	212	0.2	697	0.8
2005	132	0.2	1	0.0	229	0.3	720	0.8
2004	2,087	2.5	1	0.0	965	1.2	786	0.9
2003	944	1.2	2	0.0	347	0.4	759	0.9
2002	2,542	3.2	1	0.0	34	0.0	748	0.9
2001	739	0.9	3	0.0	113	0.1	741	1.0
2000	942	1.2	2	0.0	340	0.4	799	1.0
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

Year	Schistosomiasis (B65)				Filariasis (B74)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2009	2,703	2.9	228	0.2	15	0.0	9	0.0
2008	8,918	9.9	269	0.3	39	0.0	7	0.0
2007	3,058	3.5	240	0.3	154	0.2	8	0.0
2006	3,517	4.0	253	0.3	114	0.1	12	0.0
2005	9,383	11.0	241	0.3	439	0.5	11	0.0
2004	6,628	7.9	260	0.3	104	0.1	9	0.0
2003	5,967	7.4	304	0.4	406	0.5	9	0.0
2002	7,426	9.3	272	0.3	2,095	2.6	10	0.0
2001	4,240	5.4	260	0.3	668	0.9	7	0.0
2000	4,240	5.6	260	0.3	668	0.9	7	0.0
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

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1989-2009

Year	Measles (B05)				Dengue (A90, A91)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2009	2,651	2.9	25	0.0	5,617	12.9	1,233	1.3
2008	5,139	5.7	23	0.0	13,014	13.2	1,080	1.2
2007	4,150	4.7	34	0.0	11,915*	13.5	1,290	1.5
2006	3,664	4.2	43	0.0	14,310*	16.5	1,017	1.2
2005	7,987	9.4	56	0.1	4,092*	4.8	887	1.0
2004	13,034	15.6	384	0.5	15,838	19.0	791	0.9
2003	25,535	31.5	1,435	1.8	22,789	28.1	831	1.0
2002	24,639	31.0	1,538	1.9	13,187	16.6	576	0.7
2001	24,494	31.4	1,787	2.3	23,235	29.8	641	0.8
2000	23,287	30.5	1,464	1.9	6,614	8.7	386	0.5
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

* Acute Hemorrhagic Fever Syndrome (A98-A99)

Year	Viral Hepatitis (B15-B19)				Malaria (B50-B54)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2009	1,220	1.3	709	0.8	5,352	5.8	63	0.1
2008	4,226	4.7	***	***	11,885	13.1	103	0.1
2007	4,531	5.1	***	***	20,599	23.3	155	0.2
2006	5,504	4.6	***	***	24,194	27.8	162	0.2
2005	3,907	4.6	***	***	36,090	42.3	193	0.2
2004	4,096	4.9	***	***	19,894	23.8	207	0.2
2003	5,439	6.7	817	1.0	28,549	35.2	240	0.3
2002	6,408	8.1	828	1.0	39,994	50.3	267	0.3
2001	6,736	8.6	833	1.1	40,543	52.0	276	0.4
2000	5,797	7.6	950	1.2	50,869	66.6	286	0.4
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

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1989-2009

Year	Pneumonia (J12-J18, J22)			
	Cases		Deaths	
	Number	Rate	Number	Rate
2009	615,817*	667.7	42,642	46.2
2008	780,199*	653.5	39,707	43.9
2007	591,118*	667.4	35,509	40.1
2006	673,838*	774.8	34,958	40.2
2005	690,566*	809.9	36,510	42.8
2004	776,562*	929.4	32,098	38.4
2003	674,386*	831.7	32,055	39.5
2002	734,581	924.0	34,218	43.0
2001	652,585	837.4	33,939	43.6
2000	632,930	829.0	32,637	42.7
1999	693,334	927.6	32,883	44.0
1998	646,789	884.2	33,709	46.1
1997	672,681	940.2	32,193	45.0
1996	679,172	1004.1	33,319	47.6
1995	666,934	1048.1	33,637	49.0
1994	610,731	890.1	28,132	41.0
1993	470,574	685.7	35,582	51.9
1992	401,025	598.7	36,626	54.7
1991	275,513	421.7	36,705	56.2
1990	235,947	370.9	41,181	64.7
1989	232,056	374.0	43,268	69.7

*Acute RTI and Pneumonia

MORBIDITY AND MORTALITY TRENDS

Rate / 100,000 Population, Philippines, 1989-2009

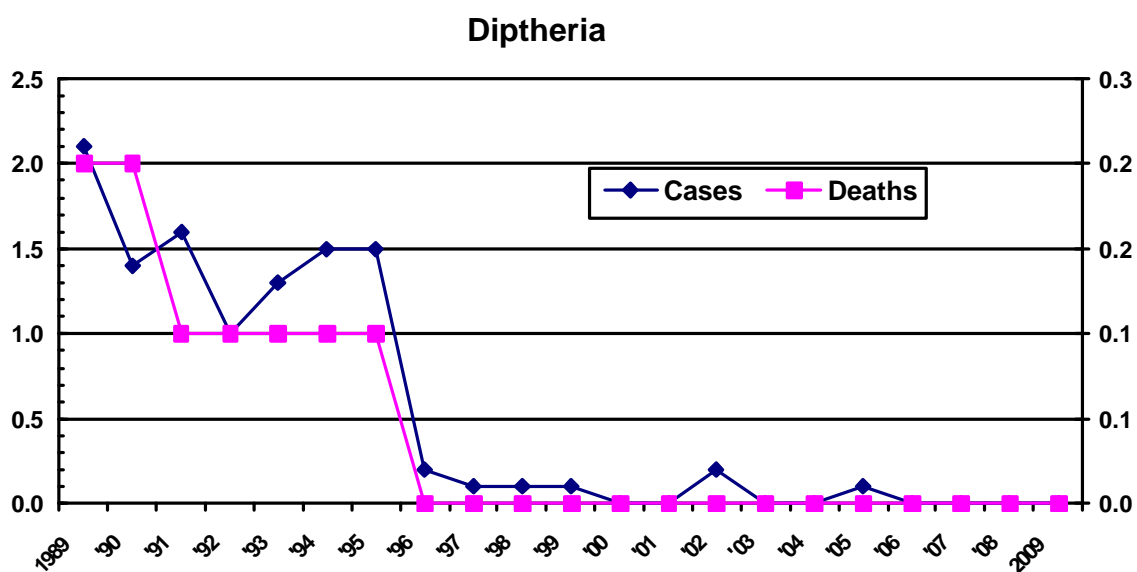
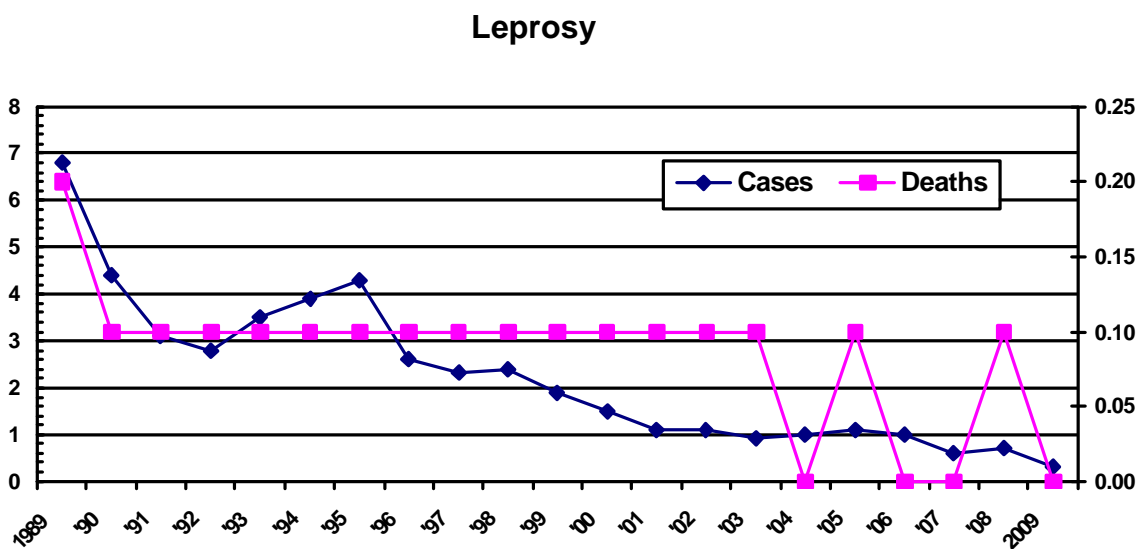
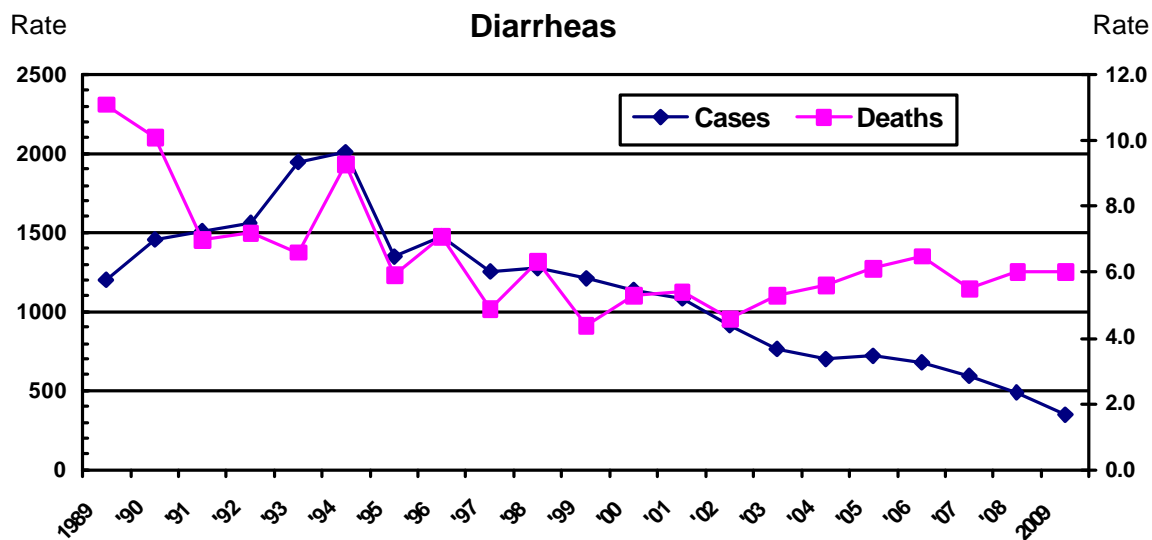


Figure 13

MORBIDITY AND MORTALITY TRENDS

Rate / 100,000 Population, Philippines, 1989-2009

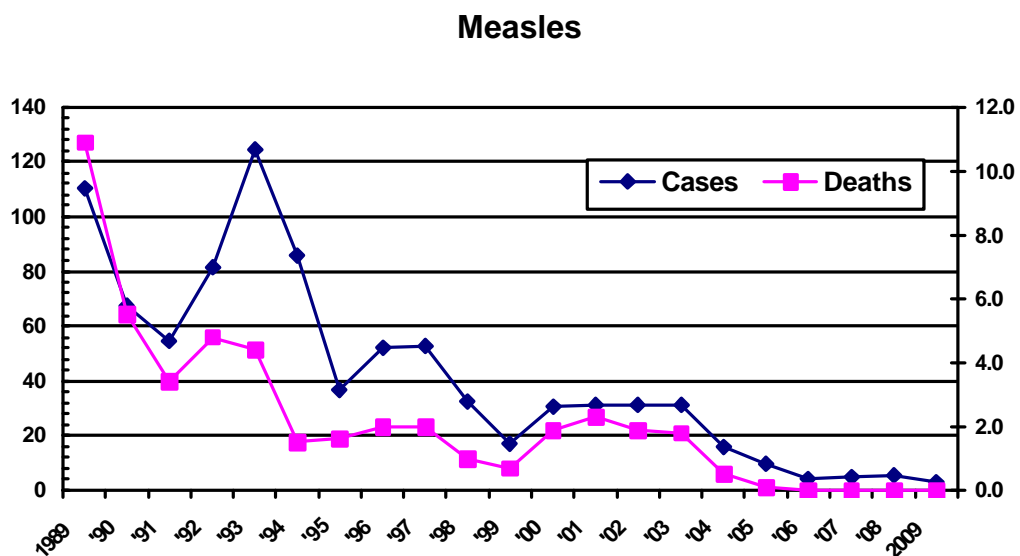
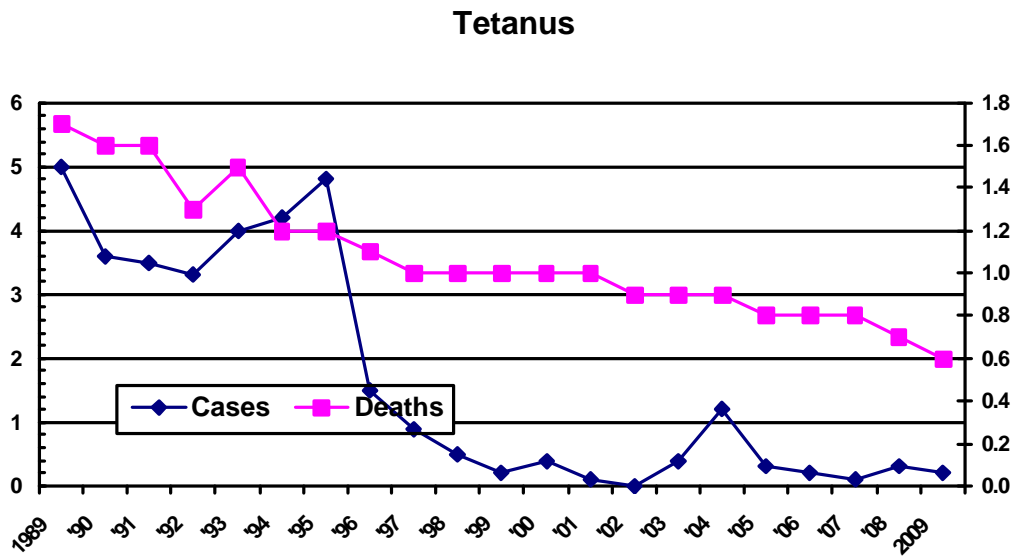
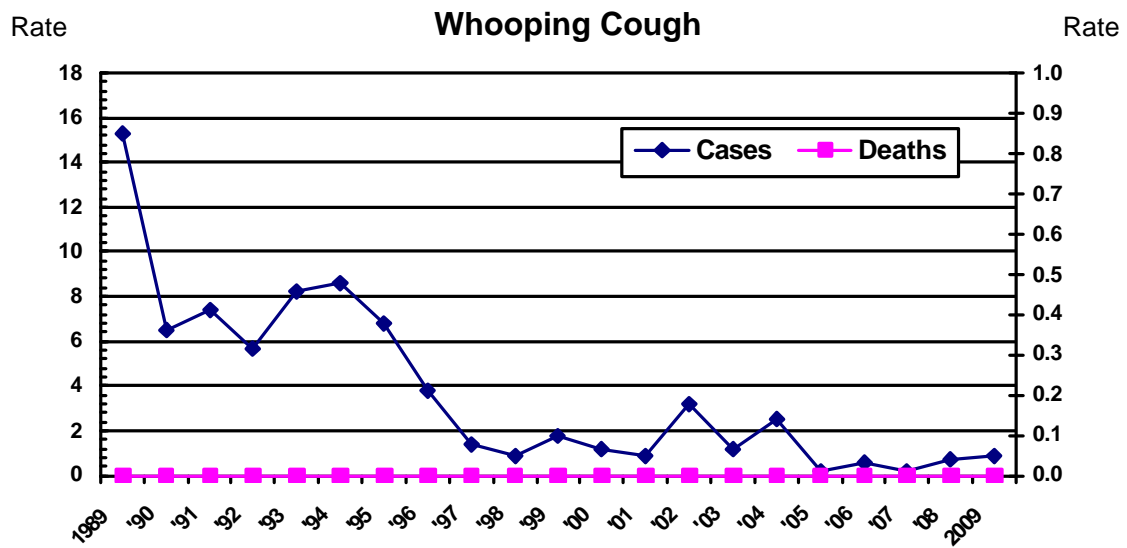


Figure 13

MORBIDITY AND MORTALITY TRENDS

Rate / 100,000 Population, Philippines, 1989-2009

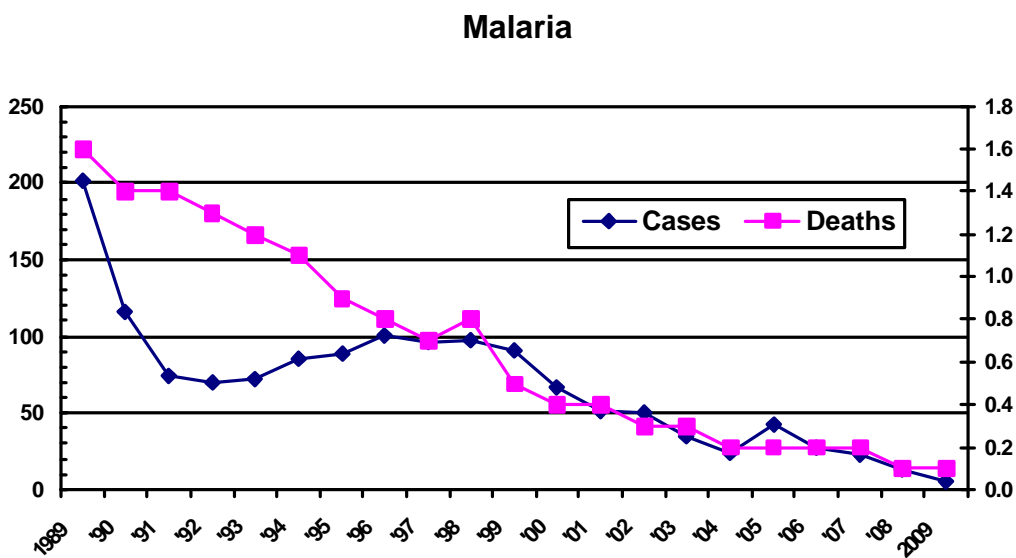
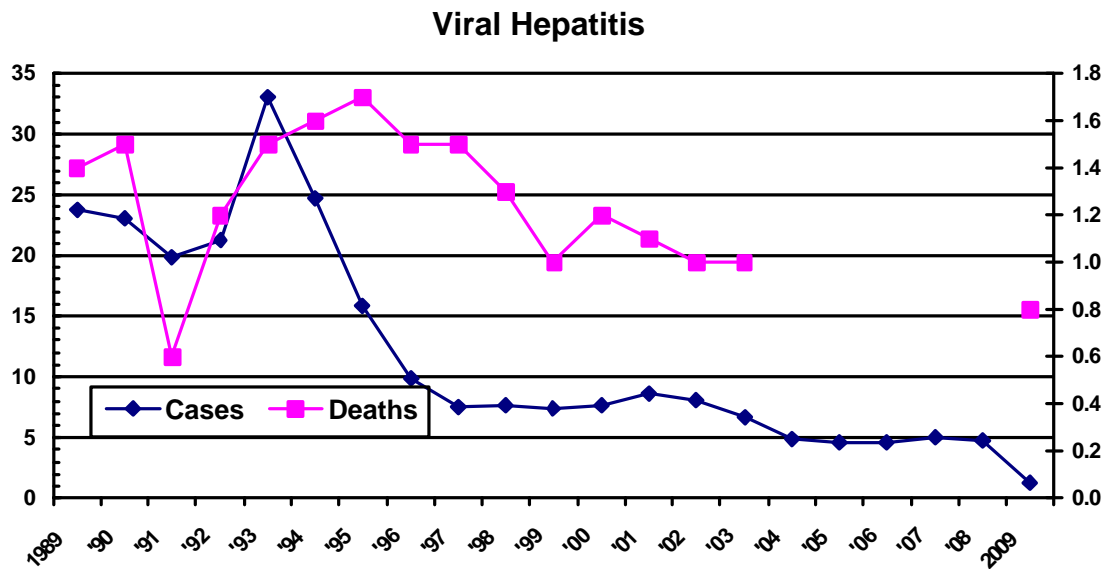
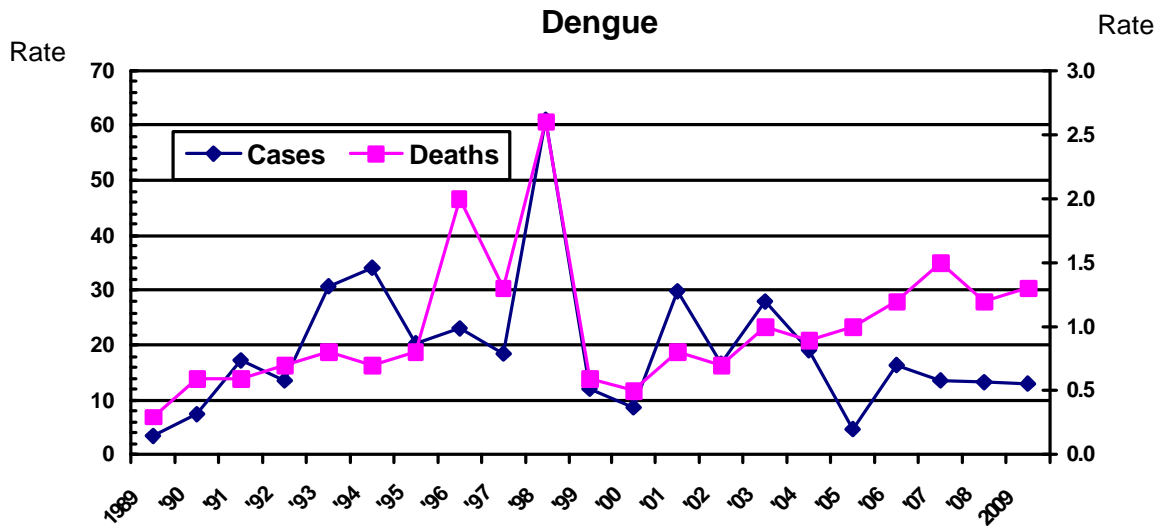


Figure 13

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1989-2009

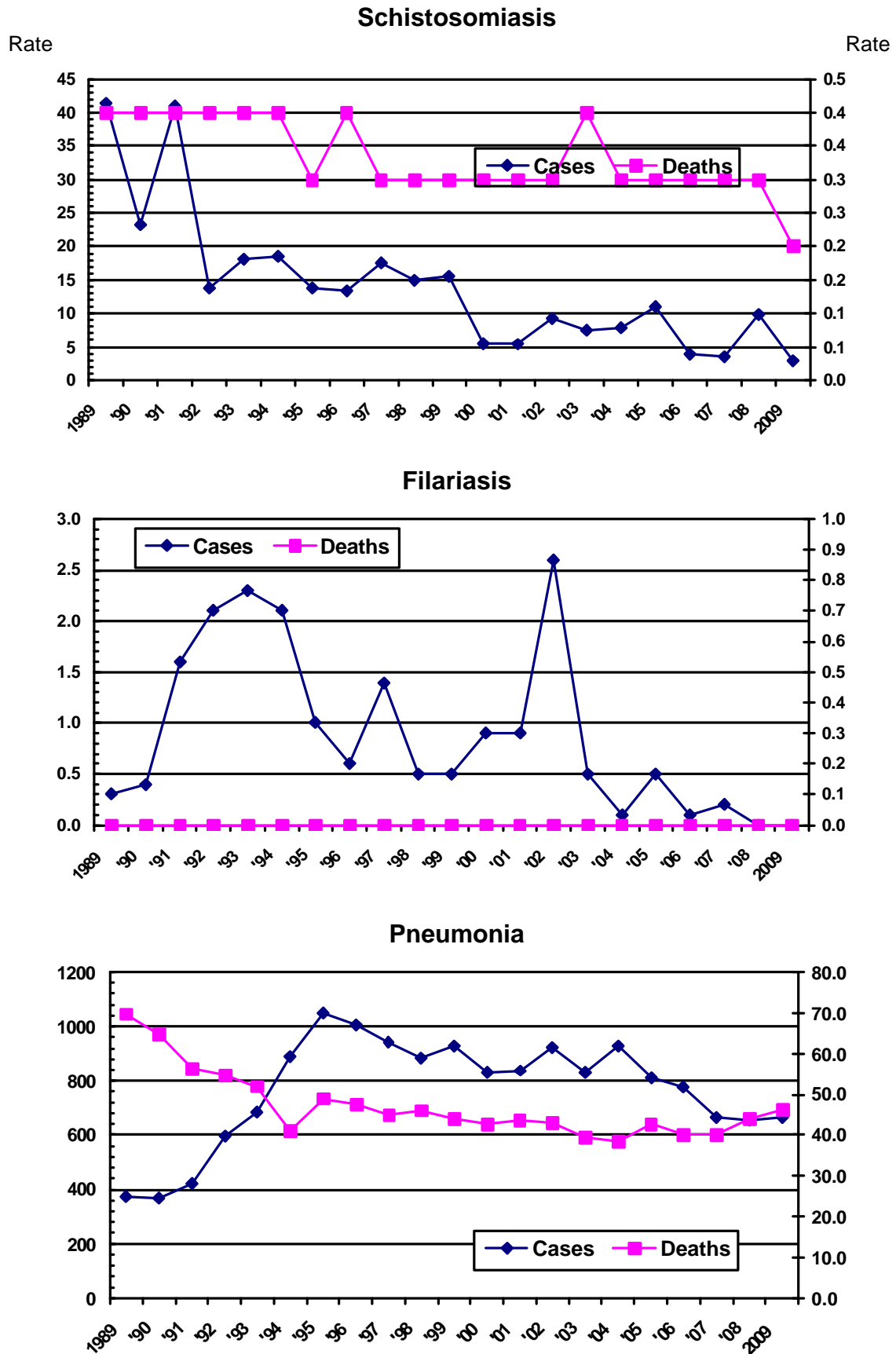


Figure 13

MORTALITY STATISTICS

Mortality statistics are one of the principal sources of health information and in many countries they are the most reliable type of health data. It is mainly because death statistics are useful instruments to assess the overall health of the population. It is also an essential tool to prevent early and perhaps needless deaths. Mortality statistics such as deaths by leading causes could already reveal the most prevalent life-threatening diseases. It helps detect the population's vulnerability to certain illnesses.

Mortality statistics provide a baseline indicator that could define government priorities in terms of health policy formulation and service provision. It supplies basic information for planning appropriate preventive measures, stimulating medical research and highlighting topics of relevance in health education of the public.

Presented in this report are data on registered deaths that occurred in 2009 and were registered from January 2009 to March 2010. Deaths that were registered after March 2010 and those that were not registered at all were not included. The numbers were provided by the Vital Statistics Division of the National Statistics Office (NSO) through information obtained from Death Certificates (Municipal Form No. 103) transmitted by the City/Municipal Civil Registrars to the Office of the Civil Registrar General for processing and archiving. No adjustments for under registration or for delay in the submission of these certificates were made in the analysis.

The 2009 Philippine Health Statistics (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 include deaths occurring in the entire population from all ages. ASDR indicates rates of death at different ages or the relative exposure of population of subgroups to the risk of dying. IMR considers 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.

In addition to these indicators, special tables which feature the ten leading causes of death among lower age groups; 1-4, 5-9 and 10-14. These were intended for stakeholders who may consider population of age 1-14 as age of children. This report also included tables for fetal deaths.

GENERAL MORTALITY

A total of 480,820 deaths were registered in the country in 2009, from all causes and all ages. Of these deaths, 279,513 or 58 percent were males and 201,207 or 42 percent were females. This constituted to a death sex ratio of 1.39, or which means that for every 100 female deaths, there correspond 139 deaths among males.

The Crude Death Rate (CDR) per thousand population was computed at 5.2 deaths. This was a two-percent increase from last year's CDR of 5.1 deaths. The general trend of CDR is declining from 1959 although there were minimal increase for the past five years including 2009. The five-decade decrease in CDR was computed at a rate of 29 percent. (Table 4)

Males had a higher death rate than females, 6.0 versus 4.4. Reports also showed that the highest occurrences of deaths were among the elderly persons, 70 years and over. It comprised more than 37 percent of total deaths with 178,151 cases. However, death occurrence was least among age group 10-14 years with 1.0 percent or 4,892 cases. Deaths among under 1 year old is more than twice (21,659 or 4.5%) the number of deaths in ages 1-4 years (9,837 or 2.0%). The number of deaths increases as the age-group increases, as shown in Table 19. Statistics show that the risk of dying is directly proportional to age, starting with age 10 and up. (Table 19)

The National Capital Region (NCR) reported the highest incidence of death (by place of occurrence) with 75,019 or 15.6 percent of the total, followed by CALABARZON with 61,840 deaths or 12.9 percent and Central Luzon with 55,073 deaths or 11.5 percent. On the other hand, Autonomous Region of Muslim Mindanao (ARMM) and Cordillera Administrative Region (CAR) reported the lowest number of deaths with 1,452 or 0.3 percent and 6,917 or 1.4 percent respectively.

Likewise, NCR reported the highest CDR with 6.6 deaths per thousand of regional population. It is followed by Ilocos Region and Western Visayas with a CDR of 6.3 deaths per thousand of regional population. In contrary, ARMM posted the lowest CDR with only 0.4 deaths per thousand of regional population.

Eight (8) out of seventeen (17) regions in the country had surpassed the national CDR of 5.2. While seven (7) regions were below it. (Table 20)

Across all regions and in almost all age groups, numbers of male deaths were generally higher than female deaths.

The highest number of registered deaths in 2009 was reported in January with 44,285 fatalities or 9.2 percent of total deaths, which was translated to a daily average deaths of 1,428. The month of December followed with 41,929 deaths (8.7%) and then October with 41,663 deaths (8.7%). The average daily deaths were 1,352 and 1,343 respectively. The range of death occurrences per month in 2009 was computed at 1.7 percent. The least number of registered deaths was in February with 35,891 deaths or 7.5 percent. This accounted for a daily average of 1,281 deaths. (Table 6)

Out of 480,820 deaths registered in 2009, more than 80 percent or 388,644 were attributed by the top ten leading causes of death for the year. Deaths from all other causes comprised nearly 20 percent of total deaths or 92,176 cases. One in five deaths was caused by Diseases of the Heart making it the number one leading cause of death. Diseases of the Heart remained to be the first with 100,908 deaths and with a computed rate of 109.4 deaths per 100,000 population. It recorded a 21 percent share from total deaths.

Diseases of the Heart had been consistently the number one cause of death for several years now. The 2009 figure is 8,775 deaths (9.5%) higher than what was reported in 2008 which has 92,133 deaths. More males than females die from this cause. Out of 100,908 cases reported, 56,558 or 56 percent were of males and 44,350 or 44 percent were females. Thus, the death sex ratio for Diseases of the Heart was 1.27 or 127 males in every 100 females. (Table 22)

Deaths from Diseases of the Heart came in many forms such as Acute and Chronic Rheumatic Heart Disease, Hypertension with heart involvement, Angina Pectoris, Acute Myocardial Infarction and others. Specifically, Acute Myocardial Infarction was responsible for 44,011 or 44 percent of deaths from Diseases of the Heart. More than three out of five of the Acute Myocardial Infarction cases were males (27,478; 62%) while almost two in five cases were females (16,533; 38%).

Most fatalities were elderly, belonging to age 70 years and over with 16,785 deaths or 38 percent of total deaths from Acute Myocardial Infarction. The 2009 mortality statistics showed that deaths due to heart diseases were higher for older men. (Table 28)

The next three diseases in the list were, Diseases of the Vascular System (65,489; 13.6%), Malignant Neoplasm (47,732; 9.9%) and Pneumonia (42,642; 8.9%).

Eight out of the ten leading causes of deaths were male dominated. Female deaths were only higher than male deaths in Pneumonia and Diabetes Mellitus cases. Furthermore, there was a remarkable difference in number of fatalities from Accidents between male and female. From the total 35,990 deaths from Accidents, 81 percent or 29,288 cases were male and only 19 percent or 6,703 were female. This means that men were four times more likely to die from Accidents than women. (Table 22)

Nonetheless, the same killer diseases were identified as the ten leading causes of death for separate groups of male and female, which differed only in ranks. (Tables 24 and 25).

Majority of deaths from nine out of top ten killer diseases were not attended by a medical doctor or any allied health officer in anytime during their illness or injury. Deaths from Certain Conditions Originating in the Perinatal Period was the only disease group causing death that showed higher percentage of cases which had been attended by a medical doctor or allied health professional.

Records showed that all deaths (11,514) from this cause were infants or less than one year old. This should be expected since perinatal period commences at 22 completed weeks (154 days) of gestation (the time when birth weight is normally 500 g), and ends seven completed days after birth. Although deaths may occur later in life due to conditions which have originated in the perinatal period, there was no death recorded in ages more than one year old. (Table 28)

Across all regions, only NCR showed a higher proportion of attended deaths by a medical doctor at the time of death than not. However, there was only a little disparity between the proportions of attended (52.4%) and unattended (47.6%) deaths. The difference was just 4.8 percentage points. It was quite alarming to know that in highly urbanized cities, where both public and private facilities could be found everywhere, nearly 5 out of 10 deaths, died without the attention of a medical doctor or any allied health professional. It was therefore unsurprising, that the rest of the regions of the country, showed lower proportion of attended deaths. (Table 27)

The table on number of deaths distributed into 17 cause-groups, reflected the proportion of deaths in reference to the ten leading causes of mortality. The group of Diseases of the Circulatory System had the highest percent share to total deaths with 34.6 or 166,397 cases. This group included the top two killer diseases, Diseases of the Heart and Diseases of the Vascular System. (Table 30)

Table 31 showed that the 2009 death rates from Communicable Diseases, Malignant Neoplasm and Diseases of the Heart had increased as compared to last year's rates. It is noticeable that we have a gradual increasing trend for Malignant Neoplasm and Diseases of the Heart. However, for the rates of Communicable Diseases, the trend is unpredictable.

The ten leading causes of mortality in a ten-year-period interval; 2009, 1999 and 1989 were shown in Table 32. For the past two decades, Filipinos died of mostly the same kind of diseases, Diseases of the Heart, Diseases of the Vascular System and Malignant Neoplasm. It can be noted from the three tables that the rank of Accident and Malignant Neoplasm in the 10 Leading Causes of Mortality had been significantly moving upward. The same with Nephritis, Nephritic Syndrome and Nephrosis which was 10th in 1999 and in 2009, it is already in rank nine.

INFANT MORTALITY

In 2009, the registered infant deaths were decreased by 3 percent, from last year's 22,351 cases to 21,659 cases. It comprised of 4.5 percent of the total deaths (480,820) reported during the year. This represented a daily average of 59 infant deaths and was equivalent to an Infant Mortality Rate (IMR) of 12.4 deaths per thousand live births. Statistics showed a decreasing trend in IMR from 1959 to 2009. (Table 4)

The National Capital Region (NCR) posted the highest IMR with 15.9 deaths per thousand live births or 4,532 cases. The regions of Ilocos and CALABARZON followed with IMR of 14.5 and 13.9 respectively. In contrary, ARMM recorded the least IMR with 6.7 or 49 cases. Majority of the 17 regions (11 regions) are below the national IMR of 12.4 deaths per thousand live births. (Table 5: by usual residence)

October recorded the highest number of infant deaths with 1,973 cases or 9.1 percent of total infant deaths. This was translated to more than 63 infant deaths per day. April had the least number of infant deaths with 1,594 cases or 7.4 percent and an average of 53 cases per day. (Table 6)

From the total infant deaths of 21,659, more deaths occurred to infants less than 28 days old with 55.8 percent or 12,090 cases than to infants one month to less than one year old with 44.2 percent or 9,569 cases. (Table 33)

The top three leading causes of infant mortality were Bacterial sepsis of newborn (3,082; 14.2%), Pneumonia (2,452; 11.3%) and Respiratory distress of newborn (2,438; 11.3%) . The listed top ten leading causes of infant mortality in 2009 were the same with what was recorded in 2008 which only differ in ranks. (Table 34)

Numbers of infant deaths were generally higher among male babies with 12,503 cases or 57.7 percent than female babies with only 9,156 cases or 42.2 percent with respect to total infant deaths. The infant death sex ratio was computed at 137 males per 100 female babies. (Table 35)

MATERNAL MORTALITY

Maternal mortality is a mirror of a woman's health and nutritional status during pregnancy, at childbirth, or in the period after childbirth. It also highlights her access to professional medical services before and during childbirth.

Statistics for this vital event are based on information obtained from the Death Certificates (Municipal Form No. 103) transmitted by the City/Municipal Civil Registrars to the National Statistics Office for processing and archiving. Included in this report are registered maternal deaths that occurred in 2009. No adjustments for under registration were done in the presentation.

In 2009, the number of registered maternal deaths reached a total of 1,599. The Maternal Mortality Rate (MMR) is 0.9 per thousand live birth. (Table 4)

The Zamboanga Peninsula Region recorded the highest MMR while CAR the lowest with 1.5 and 0.6 maternal deaths per thousand live births. Eight out of 17 regions had MMR higher than the national rate of 0.9, (Table 5)

Statistics showed that two (2) out of five (5) maternal deaths died from Complications Related to Pregnancy Occurring in the Course of Labor, Delivery and the Puerperium. Records showed that maternal deaths from this cause were 655 or which comprised 41 percent of total maternal deaths. This was first in the list of leading causes of maternal mortality. Others were Hypertension Complicating Pregnancy Childbirth and the Puerperium, which came in second with 513 cases or 32.1 percent, followed by Postpartum Hemorrhage (286; 17.9%); Pregnancy with Abortive Outcome (142; 8.9%) and Hemorrhage in early pregnancy (3; 0.2%). (Table 36)

Statistics showed that MMR from the reproductive age (15-49) is directly proportional to the age of mother. Women in older age groups had higher risk of maternal death than those women at the beginning of their reproductive years. (Table 37)

FETAL DEATHS

The information presented herein was obtained from the fetal death certificates (Municipal Form No. 103A) submitted by the City/Municipal Registrars from all over the country to the Office of the Civil Registrar General for processing and archiving purposes. There was no adjustment for under registration in the presentation.

The total numbers of registered fetal deaths were 8,043 which is a 3.2 percent decrease from previous year's fetal deaths. In 2009, the computed ratio is 4.6 deaths per thousand live births. This was translated to an average of more than 22 fetal deaths per day. (Table 4)

Fetal Death Ratio (FDR) was highest in Central Visayas with 6.8 deaths per thousand live births. CALABARZON followed in second rank with FDR of 6.1 deaths. Two more regions recorded with higher FDR than the national FDR of 4.6 deaths per thousand live births. These were NCR (5.9) and Ilocos (5.5). No fetal death was registered in ARMM in 2009. (Table 5)

Highest incidence of fetal deaths in 2009 was in October with 787 deaths or 9.8 percent of the total. Next in rank was the month of September with 736 deaths or 9.2 percent, followed by the month of July with 726 deaths or 9.0 percent. (Table 6)

More than four in every five or 87.6 percent of these fetal deaths were attended by qualified medical professionals such as physician, nurse and midwife. The rest or 12.4 percent were attended by traditional birth attendants and others. (Table 38)

Most cases of fetal deaths were caused by disorders related to short gestation and low birth weight (P07) and it comprised more than one-fifth of the total number of fetal deaths or 22 percent with 1,792 cases (Table 39).

Most number of fetal deaths occurred to mothers in age-group 25-29 years, with 1,857 reported cases or 23 percent of total fetal deaths. High number cases of fetal deaths were also registered to mothers of ages 20-24 years (1,789; 22.2%) and 30-34 years (1,665; 20.7%). (Table 40)

MORTALITY AMONG LOWER AGE GROUPS

The 2009 ten leading causes of mortality among lower age groups, specifically to age groups 1-4; 5-9; 10-14 years were presented in Table 41.

Pneumonia and Accidents were the most common causes of deaths among children of age 1-14 years. It was important to note that statistics showed that deaths due to Malignant Neoplasm were common to children aged 5-14 years and some infectious diseases were leading cause of death for younger children aged 1-4 years. (Table 41)

MORTALITY AMONG IMMUNIZABLE DISEASES

Number of deaths among 0-14 years old from immunizable diseases were still significant in 2009. Highest number of deaths was due to all forms of Tuberculosis including TB of the Meninges with 736 cases and followed by Tetanus with 120 cases.

Table 19

MORTALITY: ALL CAUSES BY AGE GROUP & SEX
Number , Rate/1,000 Population* & Percent Distribution
Philippines, 2009

Age	Male		Female		Both Sexes		
	Number	Rate	Number	Rate	Number	Rate	Percent
All Ages	279,513	6.0	201,307	4.4	480,820	5.2	100.0
Under 1year	12,503	10.9	9,156	8.4	21,659	9.7	4.5
1 - 4 yrs.	5,401	1.2	4,436	1.0	9,837	1.1	2.0
5 - 9 yrs.	3,100	0.6	2,293	0.4	5,393	0.5	1.1
10 - 14 yrs.	2,889	0.5	2,003	0.4	4,892	0.5	1.0
15 - 19 yrs.	5,348	1.1	2,846	0.6	8,194	0.8	1.7
20 - 24 yrs.	7,602	1.8	3,447	0.8	11,049	1.3	2.3
25 - 29 yrs.	8,471	2.2	3,988	1.0	12,459	1.6	2.6
30 - 34 yrs.	9,203	2.8	4,365	1.3	13,568	2.1	2.8
35 - 39 yrs.	11,049	3.7	5,494	1.9	16,543	2.8	3.4
40 - 44 yrs.	13,481	5.1	7,018	2.7	20,499	3.9	4.3
45 - 49 yrs.	17,110	7.7	8,695	4.0	25,805	5.9	5.4
50 - 54 yrs.	21,083	12.0	10,683	6.2	31,766	9.1	6.6
55 - 59 yrs.	24,396	18.3	12,560	9.2	36,956	13.7	7.7
60 - 64 yrs.	26,186	28.2	14,338	14.6	40,524	21.2	8.4
65 - 69 yrs.	26,546	36.6	16,249	19.6	42,795	27.5	8.9
70 yrs. & Over	84,788	88.9	93,363	73.6	178,151	80.1	37.1
Not Stated	357	~	373	~	730	~	0.2

~ rate cannot be computed, age non-categorical

* rate is per 1000 population of specific age group.

Table 20

MORTALITY: ALL CAUSES BY SEX & REGION
Number, Rate/1,000 Population & Percent Distribution
Philippines, 2009

Area	Male	Female	Both Sexes		
	Number	Number	Number	Rate*	Percent**
PHILIPPINES	279,513	201,307	480,820	5.2	100.0
National Capital Region	43,182	31,837	75,019	6.6	15.6
C.A.R.	4,085	2,832	6,917	4.2	1.4
Region 1	17,902	13,942	31,844	6.3	6.6
Region 2	9,902	7,164	17,066	5.2	3.5
Region 3	31,612	23,461	55,073	5.5	11.5
Region 4A	35,768	26,072	61,840	5.3	12.9
Region 4B	7,144	4,787	11,931	4.1	2.5
Region 5	17,853	13,201	31,054	5.5	6.5
Region 6	27,117	19,931	47,048	6.3	9.8
Region 7	22,920	17,466	40,386	5.9	8.4
Region 8	11,831	8,533	20,364	4.7	4.2
Region 9	7,747	5,046	12,793	3.8	2.7
Region 10	12,019	8,015	20,034	4.7	4.2
Region 11	14,165	9,021	23,186	5.4	4.8
Region 12	8,931	5,444	14,375	3.8	3.0
CARAGA	6,357	4,081	10,438	4.2	2.2
ARMM	978	474	1,452	0.4	0.3

Note: Table 20 is by place of occurrence

* rate is per 1000 of regional population

** percent share from total deaths

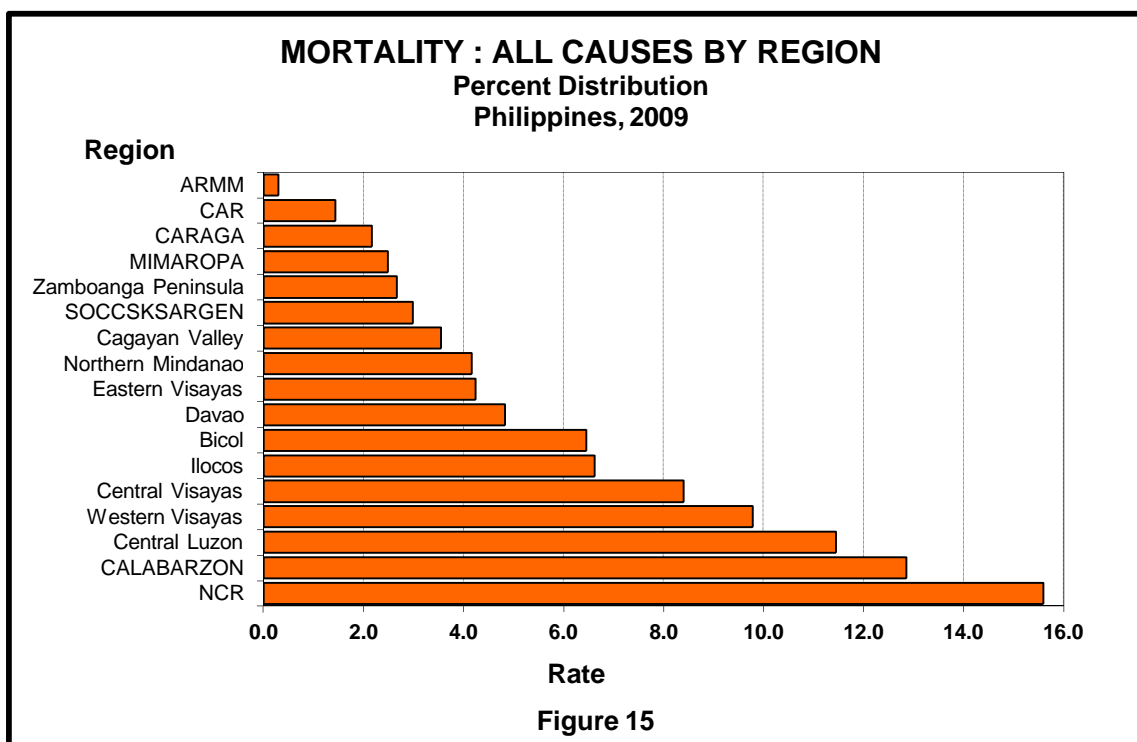
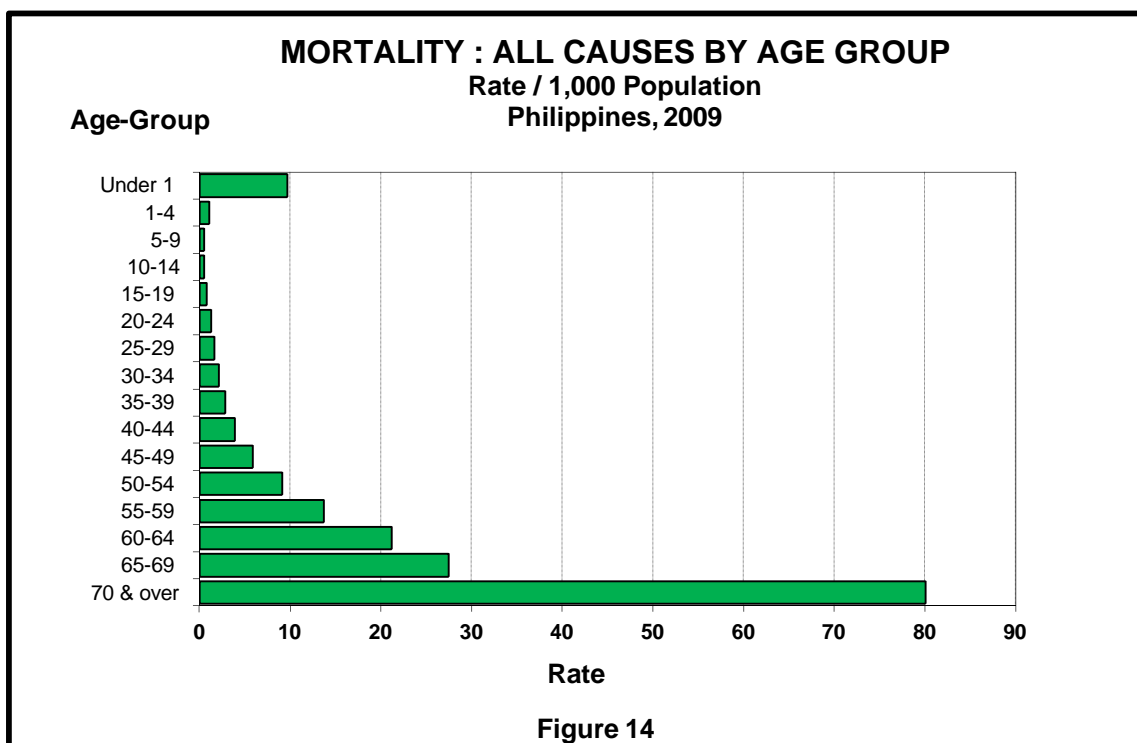


Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2009

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	Percent	Number	Number	Number	Percent
All Ages	38,445	28,586	67,031	100.0	3,999	2,764	6,763	100.0
Under 1 year	2,620	1,912	4,532	6.8	205	145	350	5.2
1 - 4 yrs.	795	691	1,486	2.2	53	58	111	1.6
5 - 9 yrs.	460	358	818	1.2	55	37	92	1.4
10 - 14 yrs.	414	278	692	1.0	49	27	76	1.1
15 - 19 yrs.	761	479	1,240	1.8	100	55	155	2.3
20 - 24 yrs.	1,195	575	1,770	2.6	114	44	158	2.3
25 - 29 yrs.	1,304	626	1,930	2.9	111	49	160	2.4
30 - 34 yrs.	1,479	714	2,193	3.3	108	35	143	2.1
35 - 39 yrs.	1,765	883	2,648	4.0	141	71	212	3.1
40 - 44 yrs.	2,157	1,120	3,277	4.9	190	89	279	4.1
45 - 49 yrs.	2,776	1,393	4,169	6.2	240	117	357	5.3
50 - 54 yrs.	3,338	1,789	5,127	7.6	272	143	415	6.1
55 - 59 yrs.	3,660	1,991	5,651	8.4	292	165	457	6.8
60 - 64 yrs.	3,746	2,186	5,932	8.8	319	171	490	7.2
65 - 69 yrs.	3,249	2,263	5,512	8.2	323	200	523	7.7
70 yrs. & Over	8,655	11,266	19,921	29.7	1,409	1,345	2,754	40.7
Not Stated	71	62	133	0.2	18	13	31	0.5

Age Group	Region 1 Ilocos				Region 2 Cagayan Valley			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	18,102	14,091	32,193	100.0	10,015	7,227	17,242	100.0
Under 1 year	821	596	1,417	4.4	317	240	557	3.2
1 - 4 yrs.	285	225	510	1.6	143	125	268	1.6
5 - 9 yrs.	175	123	298	0.9	117	81	198	1.1
10 - 14 yrs.	151	124	275	0.9	93	67	160	0.9
15 - 19 yrs.	336	125	461	1.4	176	90	266	1.5
20 - 24 yrs.	379	185	564	1.8	287	114	401	2.3
25 - 29 yrs.	470	211	681	2.1	314	122	436	2.5
30 - 34 yrs.	495	226	721	2.2	298	149	447	2.6
35 - 39 yrs.	635	315	950	3.0	365	184	549	3.2
40 - 44 yrs.	786	427	1,213	3.8	421	230	651	3.8
45 - 49 yrs.	989	523	1,512	4.7	595	334	929	5.4
50 - 54 yrs.	1,204	625	1,829	5.7	769	393	1,162	6.7
55 - 59 yrs.	1,459	746	2,205	6.8	863	428	1,291	7.5
60 - 64 yrs.	1,722	891	2,613	8.1	946	501	1,447	8.4
65 - 69 yrs.	1,747	1,016	2,763	8.6	906	538	1,444	8.4
70 yrs. & Over	6,422	7,708	14,130	43.9	3,395	3,607	7,002	40.6
Not Stated	26	25	51	0.2	10	24	34	0.2

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2009

Age Group	Region 3 Central Luzon				Region 4A CALABARZON			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	32,363	23,927	56,290	100.0	38,676	28,240	66,916	100.0
Under 1 year	1,225	901	2,126	3.8	2,037	1,440	3,477	5.2
1 - 4 yrs.	519	449	968	1.7	848	673	1,521	2.3
5 - 9 yrs.	360	219	579	1.0	420	316	736	1.1
10 - 14 yrs.	329	226	555	1.0	399	297	696	1.0
15 - 19 yrs.	522	314	836	1.5	672	399	1,071	1.6
20 - 24 yrs.	842	368	1,210	2.1	1,082	518	1,600	2.4
25 - 29 yrs.	950	404	1,354	2.4	1,230	642	1,872	2.8
30 - 34 yrs.	974	492	1,466	2.6	1,345	662	2,007	3.0
35 - 39 yrs.	1,229	601	1,830	3.3	1,565	813	2,378	3.6
40 - 44 yrs.	1,448	855	2,303	4.1	1,916	994	2,910	4.3
45 - 49 yrs.	1,954	1,104	3,058	5.4	2,484	1,294	3,778	5.6
50 - 54 yrs.	2,480	1,355	3,835	6.8	3,182	1,572	4,754	7.1
55 - 59 yrs.	2,990	1,598	4,588	8.2	3,725	1,919	5,644	8.4
60 - 64 yrs.	3,375	1,817	5,192	9.2	3,829	2,168	5,997	9.0
65 - 69 yrs.	3,216	1,930	5,146	9.1	3,615	2,274	5,889	8.8
70 yrs. & Over	9,913	11,253	21,166	37.6	10,293	12,222	22,515	33.6
Not Stated	37	41	78	0.1	34	37	71	0.1

Age Group	Region 4B MIMAROPA				Region 5 Bicol Region			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	7,290	4,899	12,189	100.0	18,087	13,312	31,399	100.0
Under 1 year	400	266	666	5.5	745	618	1,363	4.3
1 - 4 yrs.	153	116	269	2.2	525	442	967	3.1
5 - 9 yrs.	82	60	142	1.2	264	199	463	1.5
10 - 14 yrs.	86	59	145	1.2	259	143	402	1.3
15 - 19 yrs.	154	84	238	2.0	403	203	606	1.9
20 - 24 yrs.	188	101	289	2.4	513	276	789	2.5
25 - 29 yrs.	192	111	303	2.5	500	284	784	2.5
30 - 34 yrs.	253	130	383	3.1	521	300	821	2.6
35 - 39 yrs.	268	133	401	3.3	609	419	1,028	3.3
40 - 44 yrs.	348	180	528	4.3	778	424	1,202	3.8
45 - 49 yrs.	427	181	608	5.0	979	465	1,444	4.6
50 - 54 yrs.	521	242	763	6.3	1,226	639	1,865	5.9
55 - 59 yrs.	598	267	865	7.1	1,466	694	2,160	6.9
60 - 64 yrs.	714	291	1,005	8.2	1,593	847	2,440	7.8
65 - 69 yrs.	699	366	1,065	8.7	1,840	1,077	2,917	9.3
70 yrs. & Over	2,200	2,304	4,504	37.0	5,842	6,260	12,102	38.5
Not Stated	7	8	15	0.1	24	22	46	0.1

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2009

Age Group	Region 6 Western Visayas				Region 7 Central Visayas			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	27,216	19,979	47,195	100.0	22,815	17,386	40,201	100.0
Under 1 year	917	692	1,609	3.4	1,042	777	1,819	4.5
1 - 4 yrs.	438	389	827	1.8	465	362	827	2.1
5 - 9 yrs.	241	179	420	0.9	258	208	466	1.2
10 - 14 yrs.	231	185	416	0.9	227	142	369	0.9
15 - 19 yrs.	442	236	678	1.4	459	215	674	1.7
20 - 24 yrs.	666	269	935	2.0	582	259	841	2.1
25 - 29 yrs.	790	271	1,061	2.2	640	328	968	2.4
30 - 34 yrs.	857	364	1,221	2.6	695	334	1,029	2.6
35 - 39 yrs.	985	456	1,441	3.1	848	435	1,283	3.2
40 - 44 yrs.	1,267	594	1,861	3.9	943	540	1,483	3.7
45 - 49 yrs.	1,523	740	2,263	4.8	1,256	702	1,958	4.9
50 - 54 yrs.	1,933	893	2,826	6.0	1,497	800	2,297	5.7
55 - 59 yrs.	2,299	1,093	3,392	7.2	1,778	1,020	2,798	7.0
60 - 64 yrs.	2,425	1,293	3,718	7.9	1,863	1,092	2,955	7.4
65 - 69 yrs.	2,695	1,606	4,301	9.1	2,284	1,472	3,756	9.3
70 yrs. & Over	9,471	10,662	20,133	42.7	7,959	8,680	16,639	41.4
Not Stated	36	57	93	0.2	19	20	39	0.1

Age Group	Region 8 Eastern Visayas				Region 9 Zamboanga Peninsula			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	11,971	8,632	20,603	100.0	7,899	5,136	13,035	100.0
Under 1 year	443	326	769	3.7	322	213	535	4.1
1 - 4 yrs.	286	215	501	2.4	152	111	263	2.0
5 - 9 yrs.	157	120	277	1.3	68	65	133	1.0
10 - 14 yrs.	134	126	260	1.3	85	65	150	1.2
15 - 19 yrs.	241	120	361	1.8	170	87	257	2.0
20 - 24 yrs.	294	127	421	2.0	232	87	319	2.4
25 - 29 yrs.	326	189	515	2.5	264	119	383	2.9
30 - 34 yrs.	351	183	534	2.6	299	135	434	3.3
35 - 39 yrs.	453	203	656	3.2	378	184	562	4.3
40 - 44 yrs.	499	269	768	3.7	438	218	656	5.0
45 - 49 yrs.	609	315	924	4.5	503	255	758	5.8
50 - 54 yrs.	726	344	1,070	5.2	570	328	898	6.9
55 - 59 yrs.	913	441	1,354	6.6	648	310	958	7.3
60 - 64 yrs.	1,052	607	1,659	8.1	705	360	1,065	8.2
65 - 69 yrs.	1,200	775	1,975	9.6	719	471	1,190	9.1
70 yrs. & Over	4,278	4,260	8,538	41.4	2,334	2,120	4,454	34.2
Not Stated	9	12	21	0.1	12	8	20	0.2

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2009

Age Group	Region 10 Northern Mindanao				Region 11 Davao			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	11,958	7,979	19,937	100.0	13,909	8,908	22,817	100.0
Under 1 year	452	365	817	4.1	486	361	847	3.7
1 - 4 yrs.	223	169	392	2.0	258	184	442	1.9
5 - 9 yrs.	126	93	219	1.1	169	117	286	1.3
10 - 14 yrs.	113	77	190	1.0	144	109	253	1.1
15 - 19 yrs.	255	106	361	1.8	326	136	462	2.0
20 - 24 yrs.	371	141	512	2.6	409	188	597	2.6
25 - 29 yrs.	370	159	529	2.7	453	225	678	3.0
30 - 34 yrs.	401	184	585	2.9	491	220	711	3.1
35 - 39 yrs.	507	228	735	3.7	564	269	833	3.7
40 - 44 yrs.	600	323	923	4.6	714	322	1,036	4.5
45 - 49 yrs.	763	370	1,133	5.7	819	438	1,257	5.5
50 - 54 yrs.	856	412	1,268	6.4	1,105	556	1,661	7.3
55 - 59 yrs.	1,038	561	1,599	8.0	1,220	626	1,846	8.1
60 - 64 yrs.	1,050	590	1,640	8.2	1,307	694	2,001	8.8
65 - 69 yrs.	1,131	620	1,751	8.8	1,277	749	2,026	8.9
70 yrs. & Over	3,689	3,567	7,256	36.4	4,157	3,701	7,858	34.4
Not Stated	13	14	27	0.1	10	13	23	0.1

Age Group	Region 12 SOCCSKSARGEN				Autonomous Region for Muslim Mindanao (A.R.M.M.)			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	9,056	5,481	14,537	100.0	1,056	526	1,582	100.0
Under 1 year	270	183	453	3.1	29	20	49	3.1
1 - 4 yrs.	149	129	278	1.9	10	14	24	1.5
5 - 9 yrs.	83	67	150	1.0	8	12	20	1.3
10 - 14 yrs.	105	43	148	1.0	13	5	18	1.1
15 - 19 yrs.	181	111	292	2.0	20	11	31	2.0
20 - 24 yrs.	267	109	376	2.6	15	5	20	1.3
25 - 29 yrs.	307	146	453	3.1	37	9	46	2.9
30 - 34 yrs.	379	136	515	3.5	43	15	58	3.7
35 - 39 yrs.	397	165	562	3.9	56	16	72	4.6
40 - 44 yrs.	517	235	752	5.2	64	27	91	5.8
45 - 49 yrs.	666	259	925	6.4	85	24	109	6.9
50 - 54 yrs.	748	307	1,055	7.3	109	33	142	9.0
55 - 59 yrs.	764	382	1,146	7.9	109	56	165	10.4
60 - 64 yrs.	873	456	1,329	9.1	111	47	158	10.0
65 - 69 yrs.	901	459	1,360	9.4	85	55	140	8.8
70 yrs. & Over	2,443	2,284	4,727	32.5	247	176	423	26.7
Not Stated	6	10	16	0.1	15	1	16	1.0

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2009

Age Group	Caraga Region				Foreign Country			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	6,226	4,005	10,231	100.0	430	229	659	100.0
Under 1 year	165	100	265	2.6	7	1	8	1.2
1 - 4 yrs.	95	82	177	1.7	4	2	6	0.9
5 - 9 yrs.	56	37	93	0.9	1	2	3	0.5
10 - 14 yrs.	55	29	84	0.8	2	1	3	0.5
15 - 19 yrs.	123	71	194	1.9	7	4	11	1.7
20 - 24 yrs.	157	75	232	2.3	9	6	15	2.3
25 - 29 yrs.	204	86	290	2.8	9	7	16	2.4
30 - 34 yrs.	201	83	284	2.8	13	3	16	2.4
35 - 39 yrs.	267	114	381	3.7	17	5	22	3.3
40 - 44 yrs.	366	166	532	5.2	29	5	34	5.2
45 - 49 yrs.	409	173	582	5.7	33	8	41	6.2
50 - 54 yrs.	518	237	755	7.4	29	15	44	6.7
55 - 59 yrs.	536	244	780	7.6	38	19	57	8.6
60 - 64 yrs.	520	306	826	8.1	36	21	57	8.6
65 - 69 yrs.	613	358	971	9.5	46	20	66	10.0
70 yrs. & Over	1,932	1,839	3,771	36.9	149	109	258	39.2
Not Stated	9	5	14	0.1	1	1	2	0.3

Note: Table 21 is by usual residence

Table 22

MORTALITY: TEN (10) LEADING CAUSES BY SEX
Number, Rate/100,000 Population & Percent Distribution
Philippines, 2009

CAUSE OF DEATH	Male	Female	Both Sexes		
	Number	Number	Number	Rate	Percent*
1. Diseases of the heart (I00-I09,I11,I13,I20-I52)	56,558	44,350	100,908	109.4	21.0
2. Diseases of the vascular system (I10,I12,I60-I64, I67-I78,I80-I99)	36,402	29,087	65,489	71.0	13.6
3. Malignant neoplasms (C00-C97)	24,567	23,165	47,732	51.8	9.9
4. Pneumonia (J12-J18)	21,250	21,392	42,642	46.2	8.9
5. Accidents ** (V01-Y89)	29,288	6,702	35,990	39.0	7.5
6. Tuberculosis, all forms (A15-A19, B90)	17,548	7,922	25,470	27.6	5.3
7. Chronic lower respiratory diseases (J40-J47)	15,758	6,997	22,755	24.7	4.7
8. Diabetes mellitus (E10-E14)	10,962	11,383	22,345	24.2	4.6
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8,185	5,614	13,799	15.0	2.9
10. Certain conditions originating in the perinatal period (P00-P99)	6,889	4,625	11,514	12.5	2.4

Note: Excludes ill-defined and unknown causes of mortality (R00-R99) n=13,582; 9th rank

* percent share from total deaths, all causes, Philippines

** External Causes of Mortality

Table 23

MORTALITY: TEN (10) LEADING CAUSES
Number and Rate/100,000 Population
Philippines
5- Year Average (2004-2008) & 2009

CAUSE OF DEATH	5-Year Average (2004-2008)		2009*	
	Number	Rate	Number	Rate
1. Diseases of the heart (I00-I09,I11,I13,I20-I52)	82,290	94.5	100,908	109.4
2. Diseases of the vascular system (I10,I12,I60-I64, I67-I78,I80-I99)	55,999	64.3	65,489	71.0
3. Malignant neoplasms (C00-C97)	43,185	49.6	47,732	51.8
4. Pneumonia (J12-J18)	35,756	41.1	42,642	46.2
5. Accidents ** (V01-Y89)	34,704	39.9	35,990	39.0
6. Tuberculosis, all forms (A15-A19, B90)	25,376	29.2	25,470	27.6
7. Chronic lower respiratory diseases (J40-J47)	20,830	24.0	22,755	24.7
8. Diabetes mellitus (E10-E14)	19,805	22.7	22,345	24.2
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	11,612	13.4	13,799	15.0
10. Certain conditions originating in the perinatal period (P00-P99)	12,590	14.5	11,514	12.5

Note: Excludes ill-defined and unknown causes of mortality (R00-R99) n=13,582; 9th rank

* reference year

** External Causes of Mortality

MORTALITY: TEN (10) LEADING CAUSES

Percent Distribution
Philippines, 2009

Leading Causes

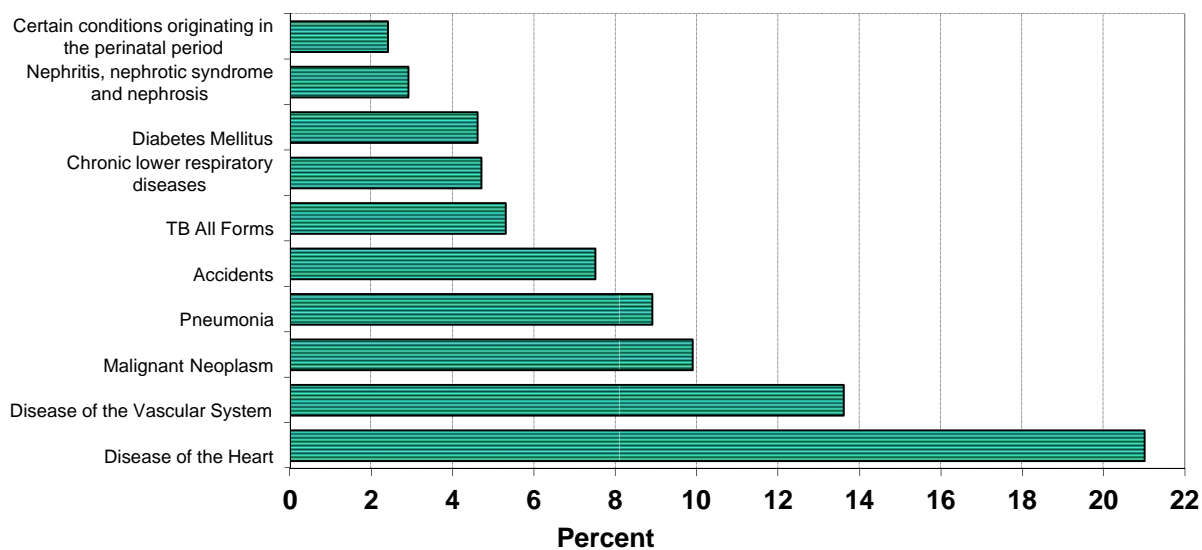


Figure 16

MORTALITY: TEN (10) LEADING CAUSES BY SEX

Percent Distribution
Philippines, 2009

Leading Causes

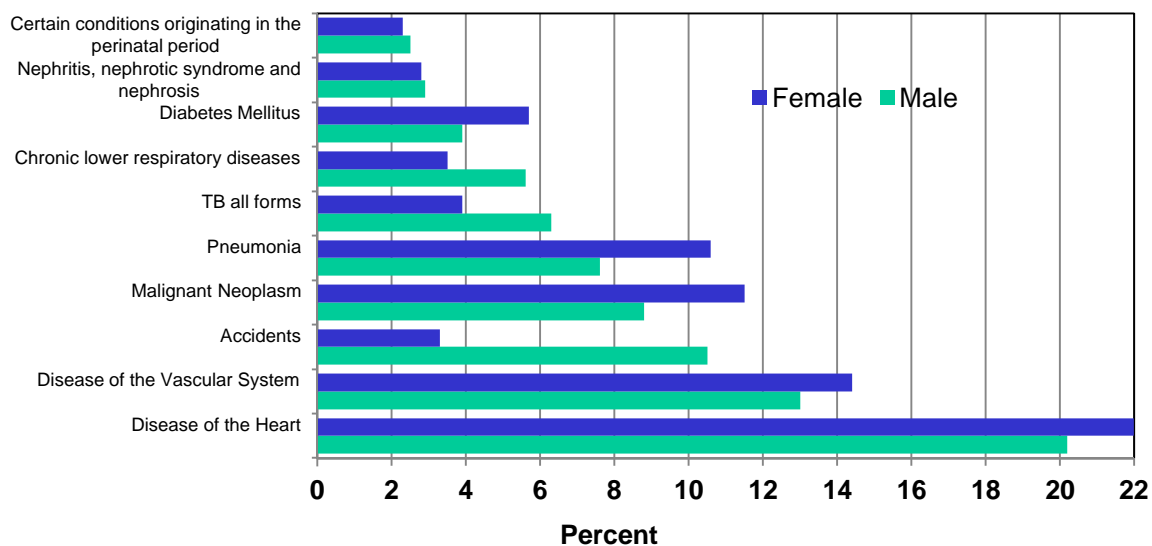


Figure 17

Table 24

TEN (10) LEADING CAUSES OF MORTALITY AMONG MALES
Number, Percent & Rate /100,000 Male Population
Philippines, 2009

Cause	Number	Percent*	Rate
1. Diseases of the heart (I00-I09,I11,I13,I20-I52)	56,558	20.2	122.0
2. Diseases of the vascular system (I10,I12,I60-I64, I67-I78,I80-I99)	36,402	13.0	78.5
3. Accidents ** (V01-Y89)	29,288	10.5	63.2
4. Malignant neoplasms (C00-C97)	24,567	8.8	53.0
5. Pneumonia (J12-J18)	21,250	7.6	45.8
6. Tuberculosis, all forms (A15-A19, B90)	17,548	6.3	37.8
7. Chronic lower respiratory diseases (J40-J47)	15,758	5.6	34.0
8. Diabetes mellitus (E10-E14)	10,962	3.9	23.6
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8,185	2.9	17.7
10.Certain conditions originating in the perinatal period (P00-P99)	6,889	2.5	14.9

Note: Excludes ill-defined and unknown causes of mortality for males (R00-R99) n=7,122, 10th rank

** External Causes of Mortality

* percent share from total male deaths, all causes, Philippines (N=279,513)

Table 25

TEN (10) LEADING CAUSES OF MORTALITY AMONG FEMALES
Number, Percent & Rate /100,000 Female Population
Philippines, 2009

Cause	Number	Percent*	Rate
1. Diseases of the heart (I00-I09,I11,I13,I20-I52)	44,350	22.0	96.7
2. Diseases of the vascular system (I10,I12,I60-I64, I67-I78,I80-I99)	29,087	14.4	63.4
3. Malignant neoplasms (C00-C97)	23,165	11.5	50.5
4. Pneumonia (J12-J18)	21,392	10.6	46.6
5. Diabetes mellitus (E10-E14)	11,383	5.7	24.8
6. Tuberculosis, all forms (A15-A19, B90)	7,922	3.9	17.3
7. Chronic lower respiratory diseases (J40-J47)	6,997	3.5	15.3
8. Accidents ** (V01-Y89)	6,702	3.3	14.6
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	5,614	2.8	12.2
10. Certain conditions originating in the perinatal period (P00-P99)	4,625	2.3	10.1

Note: Excludes ill-defined and unknown causes of mortality for females (R00-R99) n=6,460, 9th rank

** External Causes of Mortality

* percent share from total female deaths, all causes, Philippines (N=201,307)

Table 26

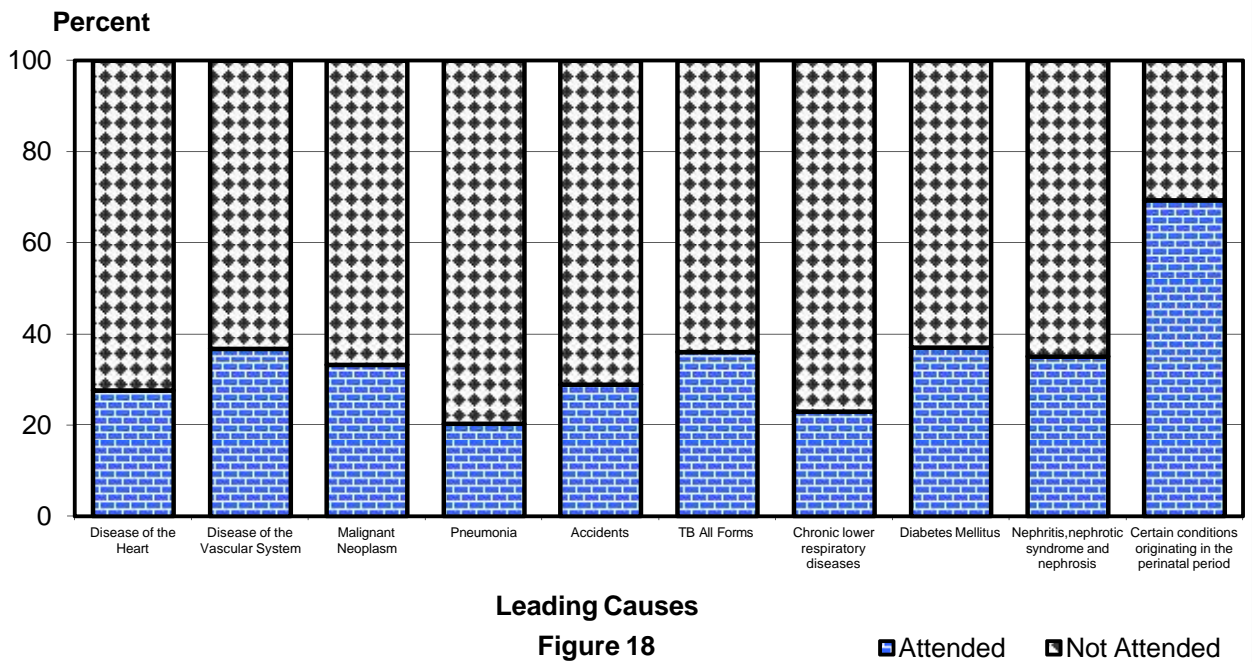
MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE
Number & Percent Distribution
Philippines, 2009

Cause	Total Deaths	Attended		Not Attended	
		Number	Percent	Number	Percent
1. Diseases of the heart (I00-I09,I11,I13,I20-I52)	100,908	27,913	27.7	72,995	72.3
2. Diseases of the vascular system (I10,I12,I60-I64, I67-I78,I80-I99)	65,489	24,106	36.8	41,383	63.2
3. Malignant neoplasms (C00-C97)	47,732	15,898	33.3	31,834	66.7
4. Pneumonia (J12-J18)	42,642	8,646	20.3	33,996	79.7
5. Accidents ** (V01-Y89)	35,990	10,395	28.9	25,595	71.1
6. Tuberculosis, all forms (A15-A19, B90)	25,470	9,200	36.1	16,270	63.9
7. Chronic lower respiratory diseases (J40-J47)	22,755	5,235	23.0	17,520	77.0
8. Diabetes mellitus (E10-E14)	22,345	8,277	37.0	14,068	63.0
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	13,799	4,843	35.1	8,956	64.9
10. Certain conditions originating in the perinatal period (P00-P99)	11,514	7,979	69.3	3,535	30.7

Note: Excludes ill-defined and unknown causes of mortality (R00-R99) n=13,582

** External Causes of Mortality

MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE Percent Distribution Philippines, 2009



MORTALITY TREND: Communicable Diseases, Malignant Neoplasms & Diseases of the Heart Rate / 100,000 Population Philippines, 1959-2009

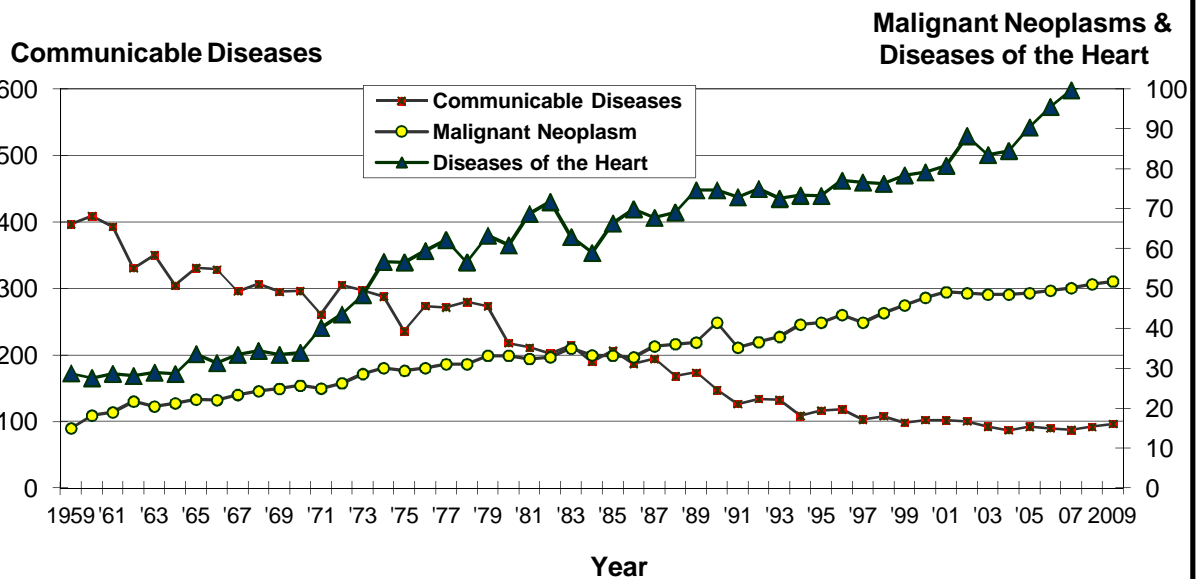


Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2009

Area	Total	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
PHILIPPINES	480,820	158,208	32.9	322,612	67.1
NATIONAL CAPITAL REGION	75,019	39,314	52.4	35,705	47.6
City of Manila	19,022	11,369	59.8	7,653	40.2
City of Mandaluyong	1,759	920	52.3	839	47.7
City of Marikina	2,963	1,844	62.2	1,119	37.8
City of Pasig	4,349	2,681	61.6	1,668	38.4
Quezon City	19,416	12,592	64.9	6,824	35.1
San Juan	838	562	67.1	276	32.9
Kalookan City	6,209	1,265	20.4	4,944	79.6
City of Malabon	1,527	80	5.2	1,447	94.8
City of Valenzuela	2,639	853	32.3	1,786	67.7
Navotas	1,225	51	4.2	1,174	95.8
City of Las Piñas	2,996	1,645	54.9	1,351	45.1
City of Makati	2,668	1,646	61.7	1,022	38.3
City of Muntinlupa	2,442	1,352	55.4	1,090	44.6
City of Parañaque	2,473	957	38.7	1,516	61.3
Pasay City	2,208	871	39.4	1,337	60.6
City of Taguig	2,070	550	26.6	1,520	73.4
Pateros	215	76	35.3	139	64.7
CORDILLERA ADMINISTRATIVE REGION	6,917	2,498	36.1	4,419	63.9
Abra	1,365	405	29.7	960	70.3
Apayao	290	76	26.2	214	73.8
Benguet	1,536	271	17.6	1,265	82.4
Ifugao	573	160	27.9	413	72.1
Kalinga	467	129	27.6	338	72.4
Mt. Province	725	183	25.2	542	74.8
Baguio City	1,961	1,274	65.0	687	35.0
REGION I - ILOCOS	31,844	8,486	26.6	23,358	73.4
Ilocos Norte	3,194	911	28.5	2,283	71.5
Ilocos Sur	3,419	802	23.5	2,617	76.5
La Union	3,544	672	19.0	2,872	81.0
Pangasinan	12,622	1,181	9.4	11,441	90.6
Laoag City	951	520	54.7	431	45.3
City of Candon	491	165	33.6	326	66.4
City of Vigan	617	354	57.4	263	42.6
City of San Fernando	1,538	1,094	71.1	444	28.9
City of Alaminos	697	237	34.0	460	66.0
Dagupan City	2,306	1,497	64.9	809	35.1
San Carlos City	1,493	708	47.4	785	52.6
City of Urdaneta	972	345	35.5	627	64.5

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2009

Area	Total	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
REGION II - CAGAYAN VALLEY	17,066	4,609	27.0	12,457	73.0
Batanes	113	53	46.9	60	53.1
Cagayan	5,211	785	15.1	4,426	84.9
Isabela	5,556	944	17.0	4,612	83.0
Nueva Vizcaya	1,997	689	34.5	1,308	65.5
Quirino	720	142	19.7	578	80.3
Tuguegarao City	1,670	1,138	68.1	532	31.9
City of Cauayan	758	395	52.1	363	47.9
City of Santiago	1,041	463	44.5	578	55.5
REGION III - CENTRAL LUZON	55,073	16,644	30.2	38,429	69.8
Aurora	793	265	33.4	528	66.6
Bataan	2,502	566	22.6	1,936	77.4
Bulacan	9,785	2,391	24.4	7,394	75.6
Nueva Ecija	6,693	421	6.3	6,272	93.7
Pampanga	6,619	1,203	18.2	5,416	81.8
Tarlac	5,035	520	10.3	4,515	89.7
Zambales	3,270	1,089	33.3	2,181	66.7
City of Balanga	1,219	934	76.6	285	23.4
City of Malolos	2,547	1,763	69.2	784	30.8
City of Meycauayan	1,033	295	28.6	738	71.4
City of San Jose Del Monte	1,943	459	23.6	1,484	76.4
Cabanatuan City	2,992	1,802	60.2	1,190	39.8
City of Gapan	556	92	16.5	464	83.5
Science City of Muñoz	414	17	4.1	397	95.9
Palayan City	137	4	2.9	133	97.1
San Jose City	779	152	19.5	627	80.5
Angeles City	2,078	995	47.9	1,083	52.1
City of San Fernando	2,209	1,399	63.3	810	36.7
City of Tarlac	2,773	1,417	51.1	1,356	48.9
Olangapo City	1,696	860	50.7	836	49.3
REGION IVA - CALABARZON	61,840	18,580	30.0	43,260	70.0
Batangas	8,268	2,205	26.7	6,063	73.3
Cavite	11,327	2,594	22.9	8,733	77.1
Laguna	8,540	2,249	26.3	6,291	73.7
Quezon	8,583	1,937	22.6	6,646	77.4
Rizal	7,198	1,879	26.1	5,319	73.9

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2009

Area	Total	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
Batangas City	2,256	1,193	52.9	1,063	47.1
Lipa City	1,765	782	44.3	983	55.7
City of Tanauan	1,005	372	37.0	633	63.0
Cavite City	833	372	44.7	461	55.3
Tagaytay City	351	157	44.7	194	55.3
Trece Martires City	1,299	939	72.3	360	27.7
City of Calamba	2,131	865	40.6	1,266	59.4
San Pablo City	1,998	771	38.6	1,227	61.4
City of Santa Rosa	1,322	387	29.3	935	70.7
Lucena City	2,510	1,484	59.1	1,026	40.9
City of Antipolo	2,454	394	16.1	2,060	83.9
REGION IVB - MIMAROPA	11,931	3,254	27.3	8,677	72.7
Marinduque	1,450	398	27.4	1,052	72.6
Occidental Mindoro	1,994	572	28.7	1,422	71.3
Oriental Mindoro	2,647	360	13.6	2,287	86.4
Palawan	1,904	506	26.6	1,398	73.4
Romblon	1,716	404	23.5	1,312	76.5
Calapan City	1,004	410	40.8	594	59.2
Puerto Princesa City	1,216	604	49.7	612	50.3
REGION V - BICOL	31,054	7,887	25.4	23,167	74.6
Albay	4,668	807	17.3	3,861	82.7
Camarines Norte	3,345	908	27.1	2,437	72.9
Camarines Sur	7,045	451	6.4	6,594	93.6
Catanduanes	1,674	589	35.2	1,085	64.8
Masbate	2,350	282	12.0	2,068	88.0
Sorsogon	3,189	492	15.4	2,697	84.6
Legazpi City	1,525	731	47.9	794	52.1
City of Ligao	642	100	15.6	542	84.4
City of Tabaco	839	272	32.4	567	67.6
Iriga City	829	269	32.4	560	67.6
Naga City	2,675	1,860	69.5	815	30.5
City of Masbate	916	421	46.0	495	54.0
City of Sorsogon	1,357	705	52.0	652	48.0
REGION VI - WESTERN VISAYAS	47,048	14,581	31.0	32,467	69.0
Aklan	3,504	946	27.0	2,558	73.0
Antique	3,723	835	22.4	2,888	77.6
Capiz	3,148	386	12.3	2,762	87.7
Guimaras	843	210	24.9	633	75.1
Iloilo	10,414	1,991	19.1	8,423	80.9
Negros Occidental	4,656	593	12.7	4,063	87.3

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2009

Area	Total	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
Roxas City	1,544	885	57.3	659	42.7
Iloilo City	4,942	2,958	59.9	1,984	40.1
City of Passi	450	96	21.3	354	78.7
Bacolod City	5,343	3,308	61.9	2,035	38.1
Bago City	913	177	19.4	736	80.6
Cadiz City	844	330	39.1	514	60.9
City of Escalante	633	256	40.4	377	59.6
City of Himamaylan	598	101	16.9	497	83.1
City of Kabankalan	1,217	359	29.5	858	70.5
La Carlota City	395	129	32.7	266	67.3
Sagay City	627	44	7.0	583	93.0
San Carlos City	831	264	31.8	567	68.2
Silay City	1,249	689	55.2	560	44.8
City of Sipalay	351	12	3.4	339	96.6
City of Talisay	371	-	0.0	371	100.0
City of Victorias	452	12	2.7	440	97.3
REGION VII - CENTRAL VISAYAS	40,386	11,229	27.8	29,157	72.2
Bohol	5,888	593	10.1	5,295	89.9
Cebu	11,233	1,381	12.3	9,852	87.7
Negros Oriental	3,418	257	7.5	3,161	92.5
Siquijor	581	116	20.0	465	80.0
Tagbilaran City	1,595	1,209	75.8	386	24.2
Cebu City	9,024	5,289	58.6	3,735	41.4
Danao City	611	103	16.9	508	83.1
Lapu-Lapu City	1,492	221	14.8	1,271	85.2
Mandaue City	1,359	278	20.5	1,081	79.5
City of Talisay	773	12	1.6	761	98.4
Toledo City	810	64	7.9	746	92.1
Bais City	361	57	15.8	304	84.2
City of Bayawan	532	107	20.1	425	79.9
Canlaon City	304	37	12.2	267	87.8
Dumaguete City	2,032	1,483	73.0	549	27.0
City of Tanjay	373	22	5.9	351	94.1
REGION VIII - EASTERN VISAYAS	20,364	4,743	23.3	15,621	76.7
Biliran	833	259	31.1	574	68.9
Eastern Samar	1,264	338	26.7	926	73.3
Leyte	6,538	1,043	16.0	5,495	84.0
Northern Samar	3,515	630	17.9	2,885	82.1
Samar	1,601	226	14.1	1,375	85.9
Southern Leyte	1,931	293	15.2	1,638	84.8
Ormoc City	1,233	523	42.4	710	57.6
Tacloban City	1,921	968	50.4	953	49.6
Calbayog City	817	204	25.0	613	75.0
City of Maasin	711	259	36.4	452	63.6

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2009

Area	Total	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
REGION IX - ZAMBOANGA PENINSULA	12,793	4,388	34.3	8,405	65.7
Zamboanga Del Norte	2,312	341	14.7	1,971	85.3
Zamboanga Del Sur	2,057	308	15.0	1,749	85.0
Zamboanga Sibugay	1,593	324	20.3	1,269	79.7
Dapitan City	407	99	24.3	308	75.7
Dipolog City	1,162	657	56.5	505	43.5
Pagadian City	1,001	553	55.2	448	44.8
Zamboanga City	4,261	2,106	49.4	2,155	50.6
REGION X - NORTHERN MINDANAO	20,034	6,845	34.2	13,189	65.8
Bukidnon	2,798	580	20.7	2,218	79.3
Camiguin	525	207	39.4	318	60.6
Lanao del Norte	1,530	372	24.3	1,158	75.7
Misamis Occidental	1,368	123	9.0	1,245	91.0
Misamis Oriental	2,630	256	9.7	2,374	90.3
City of Malaybalay	1,050	573	54.6	477	45.4
City of Valencia	634	155	24.4	479	75.6
Iligan City	2,160	902	41.8	1,258	58.2
Oroquieta City	758	469	61.9	289	38.1
Ozamis City	1,321	795	60.2	526	39.8
Tangub City	317	61	19.2	256	80.8
Cagayan de Oro City	4,294	2,124	49.5	2,170	50.5
Gingoog City	649	228	35.1	421	64.9
REGION XI - DAVAO	23,186	7,615	32.8	15,571	67.2
Compostela Valley	2,563	137	5.3	2,426	94.7
Davao	1,536	75	4.9	1,461	95.1
Davao Del Sur	2,351	134	5.7	2,217	94.3
Davao Oriental	1,911	374	19.6	1,537	80.4
City of Panabo	787	166	21.1	621	78.9
Island Garden City of Samal	468	12	2.6	456	97.4
City of Tagum	2,827	1,912	67.6	915	32.4
Davao City	9,417	4,154	44.1	5,263	55.9
City of Digos	1,326	651	49.1	675	50.9

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2009

Area	Total	Attendance			
		Attended		Not Attended	
		Number	Percent	Number	Percent
REGION XII - SOCCSKSARGEN	14,375	4,081	28.4	10,294	71.6
Cotabato	3,022	509	16.8	2,513	83.2
Saranggani	1,172	99	8.4	1,073	91.6
South Cotabato	2,515	254	10.1	2,261	89.9
Sultan Kudarat	1,682	304	18.1	1,378	81.9
City of Kidapawan	879	458	52.1	421	47.9
General Santos City	3,034	1,438	47.4	1,596	52.6
City of Koronadal	1,489	882	59.2	607	40.8
City of Tacurong	582	137	23.5	445	76.5
REGION XIII - CARAGA	10,438	2,921	28.0	7,517	72.0
Agusan del Norte	1,318	124	9.4	1,194	90.6
Agusan del Sur	1,509	290	19.2	1,219	80.8
Surigao del Norte	1,762	149	8.5	1,613	91.5
Surigao del Sur	1,912	498	26.0	1,414	74.0
Butuan City	2,057	924	44.9	1,133	55.1
Surigao City	1,372	776	56.6	596	43.4
City of Bislig	508	160	31.5	348	68.5
AUTONOMOUS REGION OF MUSLIM MINDANAO	1,452	533	36.7	919	63.3
Basilan	95	2	2.1	93	97.9
Lanao del Sur	52	8	15.4	44	84.6
Maguindanao	163	36	22.1	127	77.9
Sulu	61	25	41.0	36	59.0
Tawi-tawi	128	57	44.5	71	55.5
City of Isabela	379	119	31.4	260	68.6
City of Lamitan	144	39	27.1	105	72.9
Marawi City	0	-	-	-	-
Cotabato City	430	247	57.4	183	42.6

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
	T O T A L	279,513	201,307	480,820	521.3
A00	Cholera	9	4	13	0.0
A01-A02	Salmonella infections	413	294	707	0.8
A03,A06	Shigellosis and amoebiasis	130	97	227	0.2
A04, A07-A08	Other intestinal infectious diseases	11	9	20	0.0
A05	Other bacterial foodborne intoxications	1	-	1	0.0
A09	Diarrhoeas and gastroenteritis of presumed infectious origin	2,542	2,030	4,572	5.0
A15-A16	Tuberculosis of the respiratory system	16,940	7,449	24,389	26.4
A17	Tuberculosis of the nervous system	368	300	668	0.7
A18-A19, B90	Other tuberculosis, including late effects	240	173	413	0.4
A27	Leptospirosis	641	67	708	0.8
A30,B92	Leprosy, including late effects	32	4	36	0.0
A33-A35	Tetanus	444	131	575	0.6
A36	Diphtheria	9	9	18	0.0
A37	Whooping cough	2	2	4	0.0
A38,A46	Scarlet fever and erysipelas	2	1	3	0.0
A39	Meningococcal infection	22	32	54	0.1
A40-A41	Septicemia	4,633	4,487	9,120	9.9
A50-A53	Syphilis	7	1	8	0.0
A54	Gonococcal infections	-	-	-	0.0
A75-A79	Rickettsioses	-	1	1	0.0
A20-A26,A28,A31-A32,A42-A44,A48-A49,A55-A74	All other diseases caused by bacteria	50	41	91	0.1
A80,B91	Acute poliomyelitis, including late effects	13	13	26	0.0
A82	Rabies	200	106	306	0.3
A83-A86	Other arthropod-borne viral encephalitis	60	49	109	0.1
A90-A91	Dengue Fever and Dengue-hemorrhagic fever	596	637	1,233	1.3
A92-A94, A96-A99	Other Arthropod-borne viral fevers and viral hemorrhagic fevers	3	3	6	0.0
B01	Chickenpox	41	19	60	0.1
B03	Smallpox	6	6	12	0.0
B05	Measles	8	17	25	0.0
B19	Viral hepatitis	476	233	709	0.8
B20-B24	Human immuno deficiency virus(HIV) disease	26	6	32	0.0
A81, A87-A89,B00,B02, B06-B09, B25-B34	Other viral diseases	40	33	73	0.1
B50-B54	Malaria	47	16	63	0.1
B65	Schistosomiasis	157	71	228	0.2
B74	Filariasis	5	4	9	0.0
B66-B73, B75-B83	Other helminthiasis	58	50	108	0.1
B35-B49,B58,B85-B89, B94, B99	Other infectious and parasitic diseases,including late effects	74	37	111	0.1
C00-C14	Malignant neoplasm of lip, oral cavity and pharynx	1,347	814	2,161	2.3

* Rate for this column was computed based on total population

** Rate is per 100 000 population of corresponding age group.

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
C15	Malignant neoplasm of esophagus	312	117	429	0.5
C16	Malignant neoplasm of stomach	788	567	1,355	1.5
C17	Malignant neoplasm of small intestine	54	34	88	0.1
C18	Malignant neoplasm of colon	2,118	1,828	3,946	4.3
C19-C21	Malignant neoplasm of rectum,recosigmoid junction and anus	480	320	800	0.9
C22-C26, C30-C31,C37-C39,C45-C49,C60,C62-C80,C97	Malignant neoplasm of other and unspecified site	7,558	4,983	12,541	13.6
C32	Malignant neoplasm of larynx	361	97	458	0.5
C33-C34	Malignant neoplasm of trachea, bronchus and lung	5,927	2,257	8,184	8.9
C40-C41	Malignant neoplasm of bone and articular cartilage	786	610	1,396	1.5
C43-C44	Melanoma and other malignant neoplasm of the skin	160	107	267	0.3
C50	Malignant neoplasm of breast	99	5,552	5,651	6.1
C51-C52,C56-C57	Malignant neoplasm of other female genital organs	-	1,276	1,276	1.4
C53	Malignant neoplasm of cervix uteri	-	1,566	1,566	1.7
C54-C55	Malignant neoplasm of uterus	-	1,120	1,120	1.2
C58	Malignant neoplasm of placenta	-	12	12	0.0
C61	Malignant neoplasm of prostate	2,307	-	2,307	2.5
C81-C90, C96	Malignant neoplasm of lymphatic tissue	869	621	1,490	1.6
C91-C95	Leukemia	1,401	1,284	2,685	2.9
D00-D48	Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	1,403	1,260	2,663	2.9
D50-D64	Anemias	1,047	1,169	2,216	2.4
D65-D89	Other diseases of blood forming organs and certain disorders involving the immune system	367	392	759	0.8
E10-E14	Diabetes mellitus	10,962	11,383	22,345	24.2
E40,E42	Kwashiorkor	32	46	78	0.1
E41	Nutritional marasmus	10	7	17	0.0
E43-E46	Other protein-calorie malnutrition	891	1,140	2,031	2.2
E50-E64	Other nutritional deficiencies	133	184	317	0.3
E00-E07,E15-E16,E20-E34,E65-E68,E70-E88	Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	1,750	2,470	4,220	4.6
F00-F29	Psychoses	416	87	503	0.5
F70-F79	Mental retardation	7	4	11	0.0
F30-F69, F80-F99	Other mental disorders	75	77	152	0.2
G00,G03	Meningitis	908	730	1,638	1.8
G20-G21	Parkinson's disease	158	128	286	0.3
G30	Alzheimer's disease	133	198	331	0.4
G40	Epilepsy	418	279	697	0.8
G04-G12,G23-G25,G31-G37,G41-G98	Other diseases of nervous system	2,085	1,451	3,536	3.8

* Rate for this column was computed based on total population

** Rate is per 100 000 population of corresponding age group.

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
H00-H58	Diseases of the eye and adnexa	15	13	28	0.0
H60-H94	Diseases of the ear and mastoid process	31	31	62	0.1
I00-I02	Acute rheumatic fever	12	16	28	0.0
I05-I09	Chronic rheumatic heart disease	914	1,181	2,095	2.3
I10,I12	Hypertension without heart involvement	3,179	2,662	5,841	6.3
I11,I13	Hypertension with heart involvement	6,210	5,579	11,789	12.8
I20	Angina pectoris	338	250	588	0.6
I22-I25	Other forms of ischaemic heart disease	7,540	7,330	14,870	16.1
I21	Acute myocardial infarction	27,478	16,533	44,011	47.7
I26-I50, I52	Disease of pulmonary circulation and other forms of heart disease	11,578	10,854	22,432	24.3
I51	Complications and ill-defined description of heart disease	2,488	2,607	5,095	5.5
I60-I64;I67-I69	Cerebrovascular disease	31,768	24,902	56,670	61.4
I70	Atherosclerosis	792	1,070	1,862	2.0
I71	Aortic aneurysm and dissection	338	223	561	0.6
I72-I78	Other diseases of arteries,arterioles and capillaries	172	146	318	0.3
I80-I82	Venous thrombosis and embolism	28	30	58	0.1
I83-I89, I95-I99	Other and unspecified disorders of circulatory system	125	54	179	0.2
J00-J06, J22	Acute upper respiratory infections	40	27	67	0.1
J10-J11	Influenza	34	60	94	0.1
J12-J18	Pneumonia	21,250	21,392	42,642	46.2
J20-J21	Acute bronchitis and bronchiolitis	52	43	95	0.1
J40-J47	Chronic lower respiratory diseases	15,758	6,997	22,755	24.7
J60-J66, J68	Pneumoconioses and chemical effects	8	7	15	0.0
J69	Pneumonitis due to solids and liquids	1,075	962	2,037	2.2
J30-J39, J67,J70,J80-J86,J90-J98	Other diseases of respiratory system	1,161	883	2,044	2.2
K00-K14	Diseases of oral cavity,salivary glands and jaws	21	12	33	0.0
K25-K28	Gastric duodenal,peptic and gastrojejunal ulcer	4,384	1,986	6,370	6.9
K35-K38	Diseases of the appendix	196	103	299	0.3
K40-K46	Hernia	191	28	219	0.2
K70, K73-K74	Chronic liver disease and cirrhosis	5,429	1,624	7,053	7.6
K80-K83	Cholelithiasis and other disorders of the gall bladder and biliary tract	284	315	599	0.6
K85	Acute pancreatitis	2,062	256	2,318	2.5
K20-K22,K29-K31,K50-K52, K55-K63,K65-K66,K71-K72,K75-K76,K86-K92	Other diseases of the digestive system	2,953	1,568	4,521	4.9
L00-L99	Diseases of the skin and subcutaneous tissue	671	904	1,575	1.7
M00-M99	Diseases of the musculoskeletal system and connective tissue	616	980	1,596	1.7

* Rate for this column was computed based on total population

** Rate is per 100 000 population of corresponding age group.

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
N00-N07,N17-N19,N25-N27	Nephritis,nephrotic syndrome and nephrosis	8,185	5,614	13,799	15.0
N10-N12	Infections of kidney	285	280	565	0.6
N20-N21, N23	Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	252	141	393	0.4
N40	Hyperplasia of prostate	478	-	478	0.5
N70-N76	Inflammatory diseases of female pelvic organs	-	22	22	0.0
N13-N15,N28,N30-N39, N41-N50,N60-N64,N80-N98	Other diseases of the genito-urinary system	1,396	1,194	2,590	2.8
O00-O07	Pregnancy with abortive outcome	-	142	142	0.2
O10-O11,O13-O16	Hypertension complicating pregnancy,childbirth and puerperium	-	513	513	0.6
O20	Hemorrhage in early pregnancy	-	3	3	0.0
O72	Postpartum hemorrhage	-	286	286	0.3
O12,O21-O48,O60-O71,O73-O75,O85-O99	Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	655	655	0.7
P00-P99	Certain conditions originating in the perinatal period	6,889	4,625	11,514	12.5
Q00-Q99	Congenital anomalies	2,759	2,440	5,199	5.6
R00-R68;R70-R99	Ill-defined and unknown causes of mortality	7,122	6,460	13,582	14.7
V01-V99	Transport accidents	6,072	1,632	7,704	8.4
W00-W19	Accidental falls	1,302	573	1,875	2.0
W65-W74	Accidental drowning and submersion	2,596	797	3,393	3.7
X00-X09	Exposure to smoke, fire and flames	269	163	432	0.5
X30-X39	Exposure to forces of nature	523	327	850	0.9
X40-X49	Accidental poisoning and exposure to noxious substances	115	49	164	0.2
W20-W64,W75-W99,X10-X29,X50-X59,X85-Y86	Other accidents and late effects of transport and other accidents	1,796	501	2,297	2.5
X60-X84	Intentional self harm	1,551	525	2,076	2.3
X85-Y09	Assault	11,297	952	12,249	13.3
Y10-Y34	Event of undetermined intent	3,633	1,134	4,767	5.2
Y35	Legal interventions	46	3	49	0.1
Y36, Y40-Y84,Y87-Y89	Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	88	46	134	0.1

Note: ICD-10 is International Classification of Diseases version 10

* Rate for this column was computed based on total population

** Rate is per 100 000 population of corresponding age group.

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	12,503	9,156	21,659	968.8	5,401	4,436	9,837	108.8
Cholera	-	1	1	0.0	2	-	2	0.0
Salmonella infections	3	-	3	0.1	9	12	21	0.2
Shigellosis and amoebiasis	16	15	31	1.4	20	14	34	0.4
Other intestinal infectious diseases	3	1	4	0.2	1	-	1	0.0
Other bacterial foodborne intoxications	-	-	-	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	537	434	971	43.4	625	467	1,092	12.1
Tuberculosis of the respiratory system	4	6	10	0.4	20	23	43	0.5
Tuberculosis of the nervous system	9	4	13	0.6	48	45	93	1.0
Other tuberculosis, including late effects	-	-	-	0.0	1	3	4	0.0
Leptospirosis	-	-	-	0.0	1	-	1	0.0
Leprosy, including late effects	-	-	-	0.0	-	-	-	0.0
Tetanus	28	24	52	2.3	6	4	10	0.1
Diphtheria	-	-	-	0.0	2	4	6	0.1
Whooping cough	1	1	2	0.1	-	-	-	0.0
Scarlet fever and erysipelas	-	-	-	0.0	1	-	1	0.0
Meningococcal infection	6	7	13	0.6	6	7	13	0.1
Septicemia	380	276	656	29.3	277	233	510	5.6
Syphilis	-	-	-	0.0	-	-	-	0.0
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	-	-	0.0
All other diseases caused by bacteria	4	2	6	0.3	3	6	9	0.1
Acute poliomyelitis, including late effects	-	-	-	0.0	-	-	-	0.0
Rabies	-	-	-	0.0	6	5	11	0.1
Other arthropod-borne viral encephalitis	4	1	5	0.2	10	15	25	0.3
Dengue Fever and Dengue-hemorrhagic fever	21	24	45	2.0	142	199	341	3.8
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	-	-	0.0	-	-	-	0.0
Chickenpox	9	2	11	0.5	1	4	5	0.1
Smallpox	-	-	-	0.0	-	-	-	0.0
Measles	1	5	6	0.3	5	9	14	0.2
Viral hepatitis	5	3	8	0.4	3	5	8	0.1
Human immuno deficiency virus(HIV) disease	-	-	-	0.0	-	-	-	0.0
Other viral diseases	6	2	8	0.4	6	5	11	0.1
Malaria	-	-	-	0.0	-	2	2	0.0
Schistosomiasis	-	-	-	0.0	-	-	-	0.0
Filariasis	-	-	-	0.0	-	-	-	0.0
Other helminthiasis	3	-	3	0.1	30	32	62	0.7
Other infectious and parasitic diseases,including late effects	9	7	16	0.7	12	4	16	0.2

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of esophagus	-	1	1	0.0	-	-	-	0.0
Malignant neoplasm of stomach	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of small intestine	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of colon	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of rectum,recosigmoid junction and anus	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of other and unspecified site	5	2	7	0.3	34	25	59	0.7
Malignant neoplasm of larynx	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of trachea, bronchus and lung	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of bone and articular cartilage	-	-	-	0.0	-	1	1	0.0
Melanoma and other malignant neoplasm of the skin	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of breast	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of other female genital organs	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of cervix uteri	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of uterus	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of placenta	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of prostate	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of lymphatic tissue	-	-	-	0.0	9	5	14	0.2
Leukemia	5	7	12	0.5	109	93	202	2.2
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	7	9	16	0.7	22	17	39	0.4
Anemias	19	18	37	1.7	35	26	61	0.7
Other diseases of blood forming organs and certain disorders involving the immune system	59	38	97	4.3	48	34	82	0.9
Diabetes mellitus	3	3	6	0.3	3	3	6	0.1
Kwashiorkor	9	11	20	0.9	9	15	24	0.3
Nutritional marasmus	2	-	2	0.1	2	2	4	0.0
Other protein-calorie malnutrition	52	54	106	4.7	106	117	223	2.5
Other nutritional deficiencies	3	-	3	0.1	-	1	1	0.0
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	91	86	177	7.9	106	69	175	1.9
Psychoses	-	-	-	0.0	1	-	1	0.0
Mental retardation	-	-	-	0.0	-	-	-	0.0
Other mental disorders	-	-	-	0.0	-	-	-	0.0
Meningitis	210	167	377	16.9	192	147	339	3.8
Parkinson's disease	-	-	-	0.0	-	-	-	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
Epilepsy	6	5	11	0.5	15	16	31	0.3
Other diseases of nervous system	156	111	267	11.9	246	191	437	4.8
Diseases of the eye and adnexa	3	1	4	0.2	1	-	1	0.0
Diseases of the ear and mastoid process	1	1	2	0.1	4	2	6	0.1
Acute rheumatic fever	-	-	-	0.0	-	-	-	0.0
Chronic rheumatic heart disease	4	5	9	0.4	8	5	13	0.1
Hypertension without heart involvement	2	-	2	0.1	-	-	-	0.0
Hypertension with heart involvement	2	1	3	0.1	-	-	-	0.0
Angina pectoris	-	-	-	0.0	-	-	-	0.0
Other forms of ischaemic heart disease	2	2	4	0.2	3	2	5	0.1
Acute myocardial infarction	7	4	11	0.5	13	2	15	0.2
Disease of pulmonary circulation and other forms of heart disease	75	54	129	5.8	86	72	158	1.7
Complications and ill-defined description of heart disease	2	4	6	0.3	8	5	13	0.1
Cerebrovascular disease	18	16	34	1.5	28	7	35	0.4
Atherosclerosis	-	-	-	0.0	-	-	-	0.0
Aortic aneurysm and dissection	-	-	-	0.0	1	-	1	0.0
Other diseases of arteries, arterioles and capillaries	1	-	1	0.0	-	1	1	0.0
Venous thrombosis and embolism	-	-	-	0.0	-	-	-	0.0
Other and unspecified disorders of circulatory system	1	1	2	0.1	-	1	1	0.0
Acute upper respiratory infections	3	4	7	0.3	2	2	4	0.0
Influenza	1	-	1	0.0	-	2	2	0.0
Pneumonia	1,359	1,093	2,452	109.7	1,139	979	2,118	23.4
Acute bronchitis and bronchiolitis	3	6	9	0.4	4	3	7	0.1
Chronic lower respiratory diseases	69	59	128	5.7	200	230	430	4.8
Pneumoconioses and chemical effects	1	-	1	0.0	-	1	1	0.0
Pneumonitis due to solids and liquids	176	139	315	14.1	95	65	160	1.8
Other diseases of respiratory system	33	31	64	2.9	25	21	46	0.5
Diseases of oral cavity, salivary glands and jaws	-	-	-	0.0	1	1	2	0.0
Gastric duodenal, peptic and gastrojejunal ulcer	1	-	1	0.0	4	2	6	0.1
Diseases of the appendix	1	1	2	0.1	7	3	10	0.1
Hernia	12	5	17	0.8	1	-	1	0.0
Chronic liver disease and cirrhosis	3	4	7	0.3	4	1	5	0.1
Cholelithiasis and other disorders of the gall bladder	1	2	3	0.1	2	-	2	0.0
Acute pancreatitis	2	-	2	0.1	1	2	3	0.0
Other diseases of the digestive system	68	33	101	4.5	54	44	98	1.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	15	10	25	1.1	18	9	27	0.3
Diseases of the musculoskeletal system and connective tissue	2	1	3	0.1	4	3	7	0.1
Nephritis,nephrotic syndrome and nephrosis	16	13	29	1.3	75	60	135	1.5
Infections of kidney	-	-	-	0.0	8	3	11	0.1
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	1	-	1	0.0	-	-	-	0.0
Hyperplasia of prostate	1	-	1	0.0	1	-	1	0.0
Inflammatory diseases of female pelvic organs	-	-	-	0.0	-	-	-	0.0
Other diseases of the genito-urinary system	14	3	17	0.8	19	11	30	0.3
Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
Hypertension complicating pregnancy,childbirth and puerperium	-	-	-	0.0	-	-	-	0.0
Hemorrhage in early pregnancy	-	-	-	0.0	-	-	-	0.0
Postpartum hemorrhage	-	-	-	0.0	-	-	-	0.0
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	6,889	4,625	11,514	515.0	-	-	-	0.0
Congenital anomalies	1,605	1,387	2,992	133.8	421	384	805	8.9
Ill-defined and unknown causes of mortality	309	247	556	24.9	293	184	477	5.3
Transport accidents	3	5	8	0.4	90	71	161	1.8
Accidental falls	24	6	30	1.3	24	33	57	0.6
Accidental drowning and submersion	15	11	26	1.2	353	178	531	5.9
Exposure to smoke, fire and flames	8	8	16	0.7	37	35	72	0.8
Exposure to forces of nature	11	10	21	0.9	36	37	73	0.8
Accidental poisoning and exposure to noxious substances	-	1	1	0.0	19	7	26	0.3
Other accidents and late effects of transport and other accidents	35	27	62	2.8	51	43	94	1.0
Intentional self harm	1	-	1	0.0	-	-	-	0.0
Assault	9	1	10	0.4	22	11	33	0.4
Event of undetermined intent	16	7	23	1.0	58	52	110	1.2
Legal interventions	-	-	-	0.0	1	-	1	0.0
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	2	1	3	0.1	2	2	4	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	5-9 YEARS				10-14 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	3,100	2,293	5,393	50.7	2,889	2,003	4,892	46.9
Cholera	-	-	-	0.0	-	-	-	0.0
Salmonella infections	18	18	36	0.3	26	20	46	0.4
Shigellosis and amoebiasis	5	2	7	0.1	2	2	4	0.0
Other intestinal infectious diseases	-	1	1	0.0	1	-	1	0.0
Other bacterial foodborne intoxications	1	-	1	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	114	95	209	2.0	69	51	120	1.1
Tuberculosis of the respiratory system	23	18	41	0.4	73	47	120	1.1
Tuberculosis of the nervous system	44	28	72	0.7	30	35	65	0.6
Other tuberculosis, including late effects	7	8	15	0.1	10	7	17	0.2
Leptospirosis	3	-	3	0.0	4	1	5	0.0
Leprosy, including late effects	-	-	-	0.0	-	-	-	0.0
Tetanus	18	8	26	0.2	22	10	32	0.3
Diphtheria	4	3	7	0.1	1	2	3	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Scarlet fever and erysipelas	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	3	3	6	0.1	1	-	1	0.0
Septicemia	119	71	190	1.8	83	70	153	1.5
Syphilis	-	-	-	0.0	-	-	-	0.0
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	-	-	0.0
All other diseases caused by bacteria	-	1	1	0.0	1	4	5	0.0
Acute poliomyelitis, including late effects	2	2	4	0.0	-	-	-	0.0
Rabies	29	12	41	0.4	26	9	35	0.3
Other arthropod-borne viral encephalitis	13	7	20	0.2	10	5	15	0.1
Dengue Fever and Dengue-hemorrhagic fever	165	218	383	3.6	89	75	164	1.6
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	1	-	1	0.0	-	1	1	0.0
Chickenpox	2	-	2	0.0	2	-	2	0.0
Smallpox	1	-	1	0.0	-	-	-	0.0
Measles	1	2	3	0.0	1	-	1	0.0
Viral hepatitis	4	7	11	0.1	3	1	4	0.0
Human immuno deficiency virus(HIV) disease	-	-	-	0.0	1	-	1	0.0
Other viral diseases	7	5	12	0.1	5	3	8	0.1
Malaria	1	-	1	0.0	2	2	4	0.0
Schistosomiasis	-	1	1	0.0	1	2	3	0.0
Filariasis	-	-	-	0.0	-	1	1	0.0
Other helminthiasis	7	6	13	0.1	3	1	4	0.0
Other infectious and parasitic diseases, including late effects	3	4	7	0.1	-	2	2	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	5-9 YEARS				10-14 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	2	1	3	0.0	4	2	6	0.1
Malignant neoplasm of esophagus	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of stomach	2	-	2	0.0	-	1	1	0.0
Malignant neoplasm of small intestine	-	-	-	0.0	2	-	2	0.0
Malignant neoplasm of colon	2	-	2	0.0	2	1	3	0.0
Malignant neoplasm of rectum,recosigmoid junction and anus	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of other and unspecified site	44	50	94	0.9	51	25	76	0.7
Malignant neoplasm of larynx	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of trachea, bronchus and lung	2	2	4	0.0	2	4	6	0.1
Malignant neoplasm of bone and articular cartilage	9	6	15	0.1	33	24	57	0.5
Melanoma and other malignant neoplasm of the skin	-	1	1	0.0	3	-	3	0.0
Malignant neoplasm of breast	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of other female genital organs	-	-	-	0.0	-	5	5	0.0
Malignant neoplasm of cervix uteri	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of uterus	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of placenta	-	-	-	0.0	-	2	2	0.0
Malignant neoplasm of prostate	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of lymphatic tissue	15	4	19	0.2	19	16	35	0.3
Leukemia	134	90	224	2.1	114	100	214	2.1
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	24	19	43	0.4	32	18	50	0.5
Anemias	34	26	60	0.6	33	21	54	0.5
Other diseases of blood forming organs and certain disorders involving the immune system	21	22	43	0.4	28	13	41	0.4
Diabetes mellitus	3	8	11	0.1	16	7	23	0.2
Kwashiorkor	3	4	7	0.1	2	2	4	0.0
Nutritional marasmus	-	-	-	0.0	-	1	1	0.0
Other protein-calorie malnutrition	38	41	79	0.7	21	20	41	0.4
Other nutritional deficiencies	-	1	1	0.0	-	-	-	0.0
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	33	27	60	0.6	30	38	68	0.7
Psychoses	1	-	1	0.0	1	1	2	0.0
Mental retardation	-	-	-	0.0	-	-	-	0.0
Other mental disorders	-	-	-	0.0	1	1	2	0.0
Meningitis	108	84	192	1.8	72	48	120	1.1
Parkinson's disease	-	1	1	0.0	-	-	-	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

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
Epilepsy	17	7	24	0.2	40	17	57	0.5
Other diseases of nervous system	196	122	318	3.0	152	112	264	2.5
Diseases of the eye and adnexa	-	-	-	0.0	-	2	2	0.0
Diseases of the ear and mastoid process	3	6	9	0.1	2	1	3	0.0
Acute rheumatic fever	1	-	1	0.0	1	-	1	0.0
Chronic rheumatic heart disease	29	26	55	0.5	84	99	183	1.8
Hypertension without heart involvement	1	1	2	0.0	2	1	3	0.0
Hypertension with heart involvement	-	-	-	0.0	3	-	3	0.0
Angina pectoris	-	-	-	0.0	-	-	-	0.0
Other forms of ischaemic heart disease	-	2	2	0.0	4	4	8	0.1
Acute myocardial infarction	4	4	8	0.1	16	8	24	0.2
Disease of pulmonary circulation and other forms of heart disease	60	34	94	0.9	79	62	141	1.4
Complications and ill-defined description of heart disease	9	5	14	0.1	4	7	11	0.1
Cerebrovascular disease	25	22	47	0.4	36	22	58	0.6
Atherosclerosis	-	-	-	0.0	-	1	1	0.0
Aortic aneurysm and dissection	4	-	4	0.0	4	1	5	0.0
Other diseases of arteries, arterioles and capillaries	-	2	2	0.0	2	-	2	0.0
Venous thrombosis and embolism	1	-	1	0.0	-	-	-	0.0
Other and unspecified disorders of circulatory system	2	1	3	0.0	-	-	-	0.0
Acute upper respiratory infections	1	1	2	0.0	1	-	1	0.0
Influenza	1	1	2	0.0	-	-	-	0.0
Pneumonia	354	281	635	6.0	249	181	430	4.1
Acute bronchitis and bronchiolitis	1	1	2	0.0	2	1	3	0.0
Chronic lower respiratory diseases	72	48	120	1.1	77	62	139	1.3
Pneumoconioses and chemical effects	-	-	-	0.0	-	-	-	0.0
Pneumonitis due to solids and liquids	28	16	44	0.4	15	12	27	0.3
Other diseases of respiratory system	23	14	37	0.3	15	14	29	0.3
Diseases of oral cavity, salivary glands and jaws	3	2	5	0.0	2	-	2	0.0
Gastric duodenal, peptic and gastrojejunal ulcer	1	2	3	0.0	5	7	12	0.1
Diseases of the appendix	19	7	26	0.2	4	7	11	0.1
Hernia	6	-	6	0.1	1	1	2	0.0
Chronic liver disease and cirrhosis	4	5	9	0.1	1	-	1	0.0
Cholelithiasis and other disorders of the gall bladder	2	2	4	0.0	-	1	1	0.0
Acute pancreatitis	-	1	1	0.0	4	3	7	0.1
Other diseases of the digestive system	34	14	48	0.5	34	20	54	0.5

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	5-9 YEARS				10-14 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	4	-	4	0.0	5	8	13	0.1
Diseases of the musculoskeletal system and connective tissue	4	11	15	0.1	11	29	40	0.4
Nephritis,nephrotic syndrome and nephrosis	75	71	146	1.4	85	72	157	1.5
Infections of kidney	4	4	8	0.1	5	1	6	0.1
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	1	-	1	0.0	-	-	-	0.0
Hyperplasia of prostate	-	-	-	0.0	1	-	1	0.0
Inflammatory diseases of female pelvic organs	-	-	-	0.0	-	-	-	0.0
Other diseases of the genito-urinary system	6	5	11	0.1	6	15	21	0.2
Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
Hypertension complicating pregnancy,childbirth and puerperium	-	-	-	0.0	-	-	-	0.0
Hemorrhage in early pregnancy	-	-	-	0.0	-	-	-	0.0
Postpartum hemorrhage	-	-	-	0.0	-	-	-	0.0
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital anomalies	177	165	342	3.2	126	119	245	2.3
Ill-defined and unknown causes of mortality	81	68	149	1.4	81	59	140	1.3
Transport accidents	168	116	284	2.7	142	72	214	2.1
Accidental falls	27	18	45	0.4	58	15	73	0.7
Accidental drowning and submersion	290	142	432	4.1	265	124	389	3.7
Exposure to smoke, fire and flames	19	16	35	0.3	11	6	17	0.2
Exposure to forces of nature	43	37	80	0.8	45	30	75	0.7
Accidental poisoning and exposure to noxious substances	6	4	10	0.1	2	1	3	0.0
Other accidents and late effects of transport and other accidents	84	31	115	1.1	100	26	126	1.2
Intentional self harm	1	1	2	0.0	21	15	36	0.3
Assault	29	24	53	0.5	75	23	98	0.9
Event of undetermined intent	109	45	154	1.4	77	40	117	1.1
Legal interventions	-	-	-	0.0	-	-	-	0.0
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	-	1	1	0.0	1	1	2	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	5,348	2,846	8,194	85.0	7,602	3,447	11,049	128.4
Cholera	-	-	-	0.0	-	1	1	0.0
Salmonella infections	43	29	72	0.7	49	31	80	0.9
Shigellosis and amoebiasis	1	1	2	0.0	2	2	4	0.0
Other intestinal infectious diseases	1	1	2	0.0	-	-	-	0.0
Other bacterial foodborne intoxications	-	-	-	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	80	38	118	1.2	58	52	110	1.3
Tuberculosis of the respiratory system	195	147	342	3.5	343	234	577	6.7
Tuberculosis of the nervous system	32	21	53	0.5	31	30	61	0.7
Other tuberculosis, including late effects	11	10	21	0.2	14	16	30	0.3
Leptospirosis	54	1	55	0.6	73	3	76	0.9
Leprosy, including late effects	-	-	-	0.0	2	1	3	0.0
Tetanus	12	3	15	0.2	16	7	23	0.3
Diphtheria	1	-	1	0.0	1	-	1	0.0
Whooping cough	-	-	-	0.0	1	-	1	0.0
Scarlet fever and erysipelas	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	-	1	1	0.0	-	-	-	0.0
Septicemia	116	72	188	1.9	118	94	212	2.5
Syphilis	-	-	-	0.0	-	-	-	0.0
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	-	-	0.0
All other diseases caused by bacteria	1	2	3	0.0	2	-	2	0.0
Acute poliomyelitis, including late effects	5	-	5	0.1	2	3	5	0.1
Rabies	13	3	16	0.2	14	3	17	0.2
Other arthropod-borne viral encephalitis	3	5	8	0.1	2	3	5	0.1
Dengue Fever and Dengue-hemorrhagic fever	44	30	74	0.8	23	17	40	0.5
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	-	-	0.0	1	-	1	0.0
Chickenpox	1	1	2	0.0	-	1	1	0.0
Smallpox	-	-	-	0.0	1	-	1	0.0
Measles	-	1	1	0.0	-	-	-	0.0
Viral hepatitis	10	3	13	0.1	10	17	27	0.3
Human immuno deficiency virus(HIV) disease	-	-	-	0.0	2	-	2	0.0
Other viral diseases	2	3	5	0.1	2	5	7	0.1
Malaria	8	1	9	0.1	5	-	5	0.1
Schistosomiasis	4	1	5	0.1	1	2	3	0.0
Filariasis	-	-	-	0.0	-	-	-	0.0
Other helminthiasis	1	2	3	0.0	1	1	2	0.0
Other infectious and parasitic diseases,including late effects	1	-	1	0.0	2	1	3	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	7	5	12	0.1	8	5	13	0.2
Malignant neoplasm of esophagus	1	2	3	0.0	-	2	2	0.0
Malignant neoplasm of stomach	-	1	1	0.0	4	2	6	0.1
Malignant neoplasm of small intestine	-	-	-	0.0	2	-	2	0.0
Malignant neoplasm of colon	5	4	9	0.1	10	14	24	0.3
Malignant neoplasm of rectum,recosigmoid junction and anus	1	-	1	0.0	4	-	4	0.0
Malignant neoplasm of other and unspecified site	62	34	96	1.0	80	52	132	1.5
Malignant neoplasm of larynx	1	-	1	0.0	2	-	2	0.0
Malignant neoplasm of trachea, bronchus and lung	17	6	23	0.2	20	15	35	0.4
Malignant neoplasm of bone and articular cartilage	72	25	97	1.0	32	19	51	0.6
Melanoma and other malignant neoplasm of the skin	2	-	2	0.0	2	-	2	0.0
Malignant neoplasm of breast	-	4	4	0.0	2	9	11	0.1
Malignant neoplasm of other female genital organs	-	10	10	0.1	-	22	22	0.3
Malignant neoplasm of cervix uteri	-	3	3	0.0	-	3	3	0.0
Malignant neoplasm of uterus	-	2	2	0.0	-	17	17	0.2
Malignant neoplasm of placenta	-	1	1	0.0	-	-	-	0.0
Malignant neoplasm of prostate	2	-	2	0.0	2	-	2	0.0
Malignant neoplasm of lymphatic tissue	23	23	46	0.5	35	16	51	0.6
Leukemia	121	83	204	2.1	108	73	181	2.1
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	38	24	62	0.6	32	30	62	0.7
Anemias	39	40	79	0.8	31	45	76	0.9
Other diseases of blood forming organs and certain disorders involving the immune system	27	36	63	0.7	22	17	39	0.5
Diabetes mellitus	21	21	42	0.4	32	49	81	0.9
Kwashiorkor	1	-	1	0.0	-	-	-	0.0
Nutritional marasmus	-	-	-	0.0	-	-	-	0.0
Other protein-calorie malnutrition	15	9	24	0.2	15	14	29	0.3
Other nutritional deficiencies	-	2	2	0.0	1	-	1	0.0
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	42	49	91	0.9	67	80	147	1.7
Psychoses	11	1	12	0.1	14	5	19	0.2
Mental retardation	2	2	4	0.0	1	-	1	0.0
Other mental disorders	2	1	3	0.0	2	1	3	0.0
Meningitis	49	46	95	1.0	38	46	84	1.0
Parkinson's disease	-	-	-	0.0	-	-	-	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
Epilepsy	77	43	120	1.2	46	34	80	0.9
Other diseases of nervous system	145	98	243	2.5	115	96	211	2.5
Diseases of the eye and adnexa	-	-	-	0.0	1	-	1	0.0
Diseases of the ear and mastoid process	3	2	5	0.1	4	1	5	0.1
Acute rheumatic fever	2	1	3	0.0	3	-	3	0.0
Chronic rheumatic heart disease	152	117	269	2.8	118	124	242	2.8
Hypertension without heart involvement	3	6	9	0.1	12	7	19	0.2
Hypertension with heart involvement	1	3	4	0.0	11	11	22	0.3
Angina pectoris	1	-	1	0.0	4	2	6	0.1
Other forms of ischaemic heart disease	12	11	23	0.2	58	24	82	1.0
Acute myocardial infarction	108	58	166	1.7	333	104	437	5.1
Disease of pulmonary circulation and other forms of heart disease	193	130	323	3.3	295	168	463	5.4
Complications and ill-defined description of heart disease	20	17	37	0.4	21	14	35	0.4
Cerebrovascular disease	98	56	154	1.6	158	105	263	3.1
Atherosclerosis	1	-	1	0.0	-	2	2	0.0
Aortic aneurysm and dissection	4	1	5	0.1	2	3	5	0.1
Other diseases of arteries, arterioles and capillaries	3	4	7	0.1	10	2	12	0.1
Venous thrombosis and embolism	-	-	-	0.0	-	1	1	0.0
Other and unspecified disorders of circulatory system	1	-	1	0.0	2	-	2	0.0
Acute upper respiratory infections	-	-	-	0.0	4	1	5	0.1
Influenza	-	2	2	0.0	2	2	4	0.0
Pneumonia	260	187	447	4.6	249	197	446	5.2
Acute bronchitis and bronchiolitis	2	-	2	0.0	2	-	2	0.0
Chronic lower respiratory diseases	113	69	182	1.9	162	105	267	3.1
Pneumoconioses and chemical effects	-	-	-	0.0	-	-	-	0.0
Pneumonitis due to solids and liquids	24	19	43	0.4	23	8	31	0.4
Other diseases of respiratory system	29	26	55	0.6	44	24	68	0.8
Diseases of oral cavity, salivary glands and jaws	1	1	2	0.0	-	1	1	0.0
Gastric duodenal, peptic and gastrojejunal ulcer	25	17	42	0.4	50	20	70	0.8
Diseases of the appendix	17	8	25	0.3	17	5	22	0.3
Hernia	1	-	1	0.0	2	1	3	0.0
Chronic liver disease and cirrhosis	15	9	24	0.2	37	13	50	0.6
Cholelithiasis and other disorders of the gall bladder	-	-	-	0.0	3	5	8	0.1
Acute pancreatitis	78	15	93	1.0	258	22	280	3.3
Other diseases of the digestive system	46	32	78	0.8	68	42	110	1.3

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	15	9	24	0.2	9	7	16	0.2
Diseases of the musculoskeletal system and connective tissue	14	52	66	0.7	15	65	80	0.9
Nephritis,nephrotic syndrome and nephrosis	170	114	284	2.9	291	164	455	5.3
Infections of kidney	5	7	12	0.1	7	14	21	0.2
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	3	2	5	0.1	-	2	2	0.0
Hyperplasia of prostate	-	-	-	0.0	-	-	-	0.0
Inflammatory diseases of female pelvic organs	-	1	1	0.0	-	3	3	0.0
Other diseases of the genito-urinary system	20	28	48	0.5	29	42	71	0.8
Pregnancy with abortive outcome	-	15	15	0.2	-	31	31	0.4
Hypertension complicating pregnancy,childbirth and puerperium	-	51	51	0.5	-	91	91	1.1
Hemorrhage in early pregnancy	-	-	-	0.0	-	1	1	0.0
Postpartum hemorrhage	-	27	27	0.3	-	57	57	0.7
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	45	45	0.5	-	121	121	1.4
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital anomalies	131	101	232	2.4	84	74	158	1.8
Ill-defined and unknown causes of mortality	180	107	287	3.0	241	99	340	4.0
Transport accidents	522	130	652	6.8	905	104	1,009	11.7
Accidental falls	50	9	59	0.6	53	12	65	0.8
Accidental drowning and submersion	228	61	289	3.0	215	34	249	2.9
Exposure to smoke, fire and flames	7	8	15	0.2	16	14	30	0.3
Exposure to forces of nature	51	27	78	0.8	49	22	71	0.8
Accidental poisoning and exposure to noxious substances	6	8	14	0.1	9	-	9	0.1
Other accidents and late effects of transport and other accidents	160	30	190	2.0	201	31	232	2.7
Intentional self harm	209	131	340	3.5	267	101	368	4.3
Assault	713	63	776	8.0	1,351	73	1,424	16.6
Event of undetermined intent	226	74	300	3.1	396	77	473	5.5
Legal interventions	2	1	3	0.0	4	-	4	0.0
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	1	3	4	0.0	4	4	8	0.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	8,471	3,988	12,459	163.3	9,203	4,365	13,568	206.7
Cholera	2	-	2	0.0	2	-	2	0.0
Salmonella infections	31	28	59	0.8	34	26	60	0.9
Shigellosis and amoebiasis	4	4	8	0.1	3	1	4	0.1
Other intestinal infectious diseases	1	1	2	0.0	-	-	-	0.0
Other bacterial foodborne intoxications	-	-	-	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	54	42	96	1.3	67	43	110	1.7
Tuberculosis of the respiratory system	509	278	787	10.3	602	327	929	14.2
Tuberculosis of the nervous system	35	32	67	0.9	31	20	51	0.8
Other tuberculosis, including late effects	15	20	35	0.5	11	17	28	0.4
Leptospirosis	76	4	80	1.0	80	8	88	1.3
Leprosy, including late effects	-	-	-	0.0	5	-	5	0.1
Tetanus	23	2	25	0.3	27	3	30	0.5
Diphtheria	-	-	-	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Scarlet fever and erysipelas	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	-	1	1	0.0	-	-	-	0.0
Septicemia	130	131	261	3.4	112	88	200	3.0
Syphilis	-	-	-	0.0	1	-	1	0.0
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	1	1	0.0
All other diseases caused by bacteria	4	1	5	0.1	1	1	2	0.0
Acute poliomyelitis, including late effects	2	1	3	0.0	-	3	3	0.0
Rabies	9	4	13	0.2	18	6	24	0.4
Other arthropod-borne viral encephalitis	3	5	8	0.1	3	2	5	0.1
Dengue Fever and Dengue-hemorrhagic fever	22	14	36	0.5	13	5	18	0.3
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	1	1	0.0	-	-	-	0.0
Chickenpox	2	-	2	0.0	5	1	6	0.1
Smallpox	-	-	-	0.0	-	-	-	0.0
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	23	9	32	0.4	32	14	46	0.7
Human immuno deficiency virus(HIV) disease	6	1	7	0.1	4	-	4	0.1
Other viral diseases	1	-	1	0.0	-	1	1	0.0
Malaria	6	3	9	0.1	2	1	3	0.0
Schistosomiasis	11	-	11	0.1	10	1	11	0.2
Filariasis	1	-	1	0.0	-	-	-	0.0
Other helminthiasis	3	-	3	0.0	1	-	1	0.0
Other infectious and parasitic diseases,including late effects	2	2	4	0.1	3	1	4	0.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	17	10	27	0.4	35	28	63	1.0
Malignant neoplasm of esophagus	2	-	2	0.0	5	7	12	0.2
Malignant neoplasm of stomach	3	6	9	0.1	20	6	26	0.4
Malignant neoplasm of small intestine	2	1	3	0.0	-	1	1	0.0
Malignant neoplasm of colon	23	16	39	0.5	41	35	76	1.2
Malignant neoplasm of rectum,recosigmoid junction and anus	7	6	13	0.2	9	9	18	0.3
Malignant neoplasm of other and unspecified site	122	92	214	2.8	209	103	312	4.8
Malignant neoplasm of larynx	2	1	3	0.0	2	2	4	0.1
Malignant neoplasm of trachea, bronchus and lung	33	21	54	0.7	49	32	81	1.2
Malignant neoplasm of bone and articular cartilage	29	22	51	0.7	27	21	48	0.7
Melanoma and other malignant neoplasm of the skin	5	2	7	0.1	3	4	7	0.1
Malignant neoplasm of breast	1	49	50	0.7	5	150	155	2.4
Malignant neoplasm of other female genital organs	-	29	29	0.4	-	40	40	0.6
Malignant neoplasm of cervix uteri	-	19	19	0.2	-	53	53	0.8
Malignant neoplasm of uterus	-	18	18	0.2	-	29	29	0.4
Malignant neoplasm of placenta	-	1	1	0.0	-	-	-	0.0
Malignant neoplasm of prostate	-	-	-	0.0	5	-	5	0.1
Malignant neoplasm of lymphatic tissue	22	28	50	0.7	30	17	47	0.7
Leukemia	62	79	141	1.8	63	73	136	2.1
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	27	37	64	0.8	40	44	84	1.3
Anemias	33	50	83	1.1	21	32	53	0.8
Other diseases of blood forming organs and certain disorders involving the immune system	15	24	39	0.5	16	22	38	0.6
Diabetes mellitus	50	53	103	1.4	98	81	179	2.7
Kwashiorkor	-	-	-	0.0	-	-	-	0.0
Nutritional marasmus	-	-	-	0.0	-	-	-	0.0
Other protein-calorie malnutrition	18	14	32	0.4	12	10	22	0.3
Other nutritional deficiencies	3	-	3	0.0	2	2	4	0.1
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	69	100	169	2.2	75	114	189	2.9
Psychoses	20	3	23	0.3	34	6	40	0.6
Mental retardation	1	-	1	0.0	-	-	-	0.0
Other mental disorders	6	5	11	0.1	7	1	8	0.1
Meningitis	39	36	75	1.0	30	23	53	0.8
Parkinson's disease	-	-	-	0.0	1	-	1	0.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
Epilepsy	54	40	94	1.2	30	25	55	0.8
Other diseases of nervous system	123	73	196	2.6	98	64	162	2.5
Diseases of the eye and adnexa	-	-	-	0.0	-	-	-	0.0
Diseases of the ear and mastoid process	3	3	6	0.1	2	1	3	0.0
Acute rheumatic fever	-	2	2	0.0	-	1	1	0.0
Chronic rheumatic heart disease	106	126	232	3.0	78	127	205	3.1
Hypertension without heart involvement	33	14	47	0.6	40	29	69	1.1
Hypertension with heart involvement	29	14	43	0.6	66	20	86	1.3
Angina pectoris	4	2	6	0.1	9	3	12	0.2
Other forms of ischaemic heart disease	76	27	103	1.4	113	47	160	2.4
Acute myocardial infarction	587	174	761	10.0	861	269	1,130	17.2
Disease of pulmonary circulation and other forms of heart disease	340	216	556	7.3	350	279	629	9.6
Complications and ill-defined description of heart disease	45	29	74	1.0	35	24	59	0.9
Cerebrovascular disease	267	129	396	5.2	458	230	688	10.5
Atherosclerosis	1	-	1	0.0	1	1	2	0.0
Aortic aneurysm and dissection	8	4	12	0.2	10	4	14	0.2
Other diseases of arteries, arterioles and capillaries	7	4	11	0.1	11	9	20	0.3
Venous thrombosis and embolism	-	1	1	0.0	1	3	4	0.1
Other and unspecified disorders of circulatory system	3	-	3	0.0	3	2	5	0.1
Acute upper respiratory infections	-	-	-	0.0	2	2	4	0.1
Influenza	1	4	5	0.1	-	1	1	0.0
Pneumonia	241	206	447	5.9	261	213	474	7.2
Acute bronchitis and bronchiolitis	1	1	2	0.0	-	2	2	0.0
Chronic lower respiratory diseases	159	153	312	4.1	184	150	334	5.1
Pneumoconioses and chemical effects	-	-	-	0.0	-	-	-	0.0
Pneumonitis due to solids and liquids	16	15	31	0.4	21	12	33	0.5
Other diseases of respiratory system	37	35	72	0.9	30	31	61	0.9
Diseases of oral cavity, salivary glands and jaws	1	-	1	0.0	2	-	2	0.0
Gastric duodenal, peptic and gastrojejunal ulcer	79	36	115	1.5	106	32	138	2.1
Diseases of the appendix	15	8	23	0.3	9	7	16	0.2
Hernia	4	-	4	0.1	5	1	6	0.1
Chronic liver disease and cirrhosis	90	23	113	1.5	161	29	190	2.9
Cholelithiasis and other disorders of the gall bladder	10	7	17	0.2	7	9	16	0.2
Acute pancreatitis	331	29	360	4.7	310	22	332	5.1
Other diseases of the digestive system	75	44	119	1.6	95	35	130	2.0

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	6	14	20	0.3	21	9	30	0.5
Diseases of the musculoskeletal system and connective tissue	12	54	66	0.9	10	54	64	1.0
Nephritis,nephrotic syndrome and nephrosis	331	230	561	7.4	351	252	603	9.2
Infections of kidney	10	10	20	0.3	14	6	20	0.3
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	2	3	5	0.1	5	3	8	0.1
Hyperplasia of prostate	-	-	-	0.0	1	-	1	0.0
Inflammatory diseases of female pelvic organs	-	4	4	0.1	-	2	2	0.0
Other diseases of the genito-urinary system	34	37	71	0.9	38	51	89	1.4
Pregnancy with abortive outcome	-	28	28	0.4	-	25	25	0.4
Hypertension complicating pregnancy,childbirth and puerperium	-	99	99	1.3	-	108	108	1.6
Hemorrhage in early pregnancy	-	1	1	0.0	-	-	-	0.0
Postpartum hemorrhage	-	47	47	0.6	-	57	57	0.9
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	154	154	2.0	-	129	129	2.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital anomalies	61	63	124	1.6	25	26	51	0.8
Ill-defined and unknown causes of mortality	247	87	334	4.4	275	102	377	5.7
Transport accidents	819	120	939	12.3	668	77	745	11.4
Accidental falls	55	8	63	0.8	68	11	79	1.2
Accidental drowning and submersion	174	33	207	2.7	156	18	174	2.7
Exposure to smoke, fire and flames	20	5	25	0.3	19	6	25	0.4
Exposure to forces of nature	32	21	53	0.7	47	22	69	1.1
Accidental poisoning and exposure to noxious substances	7	5	12	0.2	9	3	12	0.2
Other accidents and late effects of transport and other accidents	179	22	201	2.6	162	23	185	2.8
Intentional self harm	215	62	277	3.6	168	39	207	3.2
Assault	1,561	96	1,657	21.7	1,524	85	1,609	24.5
Event of undetermined intent	361	58	419	5.5	362	55	417	6.4
Legal interventions	11	1	12	0.2	9	-	9	0.1
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	2	1	3	0.0	6	3	9	0.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	11,049	5,494	16,543	276.7	13,481	7,018	20,499	393.9
Cholera	1	-	1	0.0	-	-	-	0.0
Salmonella infections	29	20	49	0.8	28	17	45	0.9
Shigellosis and amoebiasis	1	3	4	0.1	6	5	11	0.2
Other intestinal infectious diseases	1	-	1	0.0	1	-	1	0.0
Other bacterial foodborne intoxications	-	-	-	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	75	39	114	1.9	68	39	107	2.1
Tuberculosis of the respiratory system	832	387	1,219	20.4	1,095	452	1,547	29.7
Tuberculosis of the nervous system	19	23	42	0.7	24	9	33	0.6
Other tuberculosis, including late effects	13	13	26	0.4	19	9	28	0.5
Leptospirosis	66	5	71	1.2	70	8	78	1.5
Leprosy, including late effects	4	-	4	0.1	2	-	2	0.0
Tetanus	29	3	32	0.5	41	2	43	0.8
Diphtheria	-	-	-	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Scarlet fever and erysipelas	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	-	1	1	0.0	1	3	4	0.1
Septicemia	130	113	243	4.1	158	120	278	5.3
Syphilis	-	-	-	0.0	-	-	-	0.0
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	-	-	0.0
All other diseases caused by bacteria	1	-	1	0.0	1	1	2	0.0
Acute poliomyelitis, including late effects	-	1	1	0.0	-	1	1	0.0
Rabies	12	5	17	0.3	14	5	19	0.4
Other arthropod-borne viral encephalitis	3	1	4	0.1	2	1	3	0.1
Dengue Fever and Dengue-hemorrhagic fever	13	9	22	0.4	13	4	17	0.3
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	-	-	0.0	-	-	-	0.0
Chickenpox	3	-	3	0.1	1	2	3	0.1
Smallpox	-	-	-	0.0	-	-	-	0.0
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	38	12	50	0.8	68	11	79	1.5
Human immuno deficiency virus(HIV) disease	6	5	11	0.2	5	-	5	0.1
Other viral diseases	-	-	-	0.0	1	2	3	0.1
Malaria	6	2	8	0.1	2	-	2	0.0
Schistosomiasis	11	5	16	0.3	16	6	22	0.4
Filariasis	1	1	2	0.0	-	1	1	0.0
Other helminthiasis	-	-	-	0.0	1	1	2	0.0
Other infectious and parasitic diseases,including late effects	2	1	3	0.1	5	-	5	0.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	67	38	105	1.8	77	41	118	2.3
Malignant neoplasm of esophagus	2	1	3	0.1	10	4	14	0.3
Malignant neoplasm of stomach	23	17	40	0.7	40	26	66	1.3
Malignant neoplasm of small intestine	2	-	2	0.0	3	1	4	0.1
Malignant neoplasm of colon	81	49	130	2.2	94	76	170	3.3
Malignant neoplasm of rectum,recosigmoid junction and anus	25	18	43	0.7	25	16	41	0.8
Malignant neoplasm of other and unspecified site	320	178	498	8.3	507	257	764	14.7
Malignant neoplasm of larynx	4	1	5	0.1	11	3	14	0.3
Malignant neoplasm of trachea, bronchus and lung	82	51	133	2.2	172	103	275	5.3
Malignant neoplasm of bone and articular cartilage	38	28	66	1.1	33	24	57	1.1
Melanoma and other malignant neoplasm of the skin	6	6	12	0.2	8	4	12	0.2
Malignant neoplasm of breast	3	316	319	5.3	7	571	578	11.1
Malignant neoplasm of other female genital organs	-	64	64	1.1	-	105	105	2.0
Malignant neoplasm of cervix uteri	-	106	106	1.8	-	171	171	3.3
Malignant neoplasm of uterus	-	51	51	0.9	-	105	105	2.0
Malignant neoplasm of placenta	-	1	1	0.0	-	3	3	0.1
Malignant neoplasm of prostate	7	-	7	0.1	6	-	6	0.1
Malignant neoplasm of lymphatic tissue	31	19	50	0.8	55	36	91	1.7
Leukemia	75	67	142	2.4	72	72	144	2.8
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	54	52	106	1.8	88	65	153	2.9
Anemias	31	54	85	1.4	40	61	101	1.9
Other diseases of blood forming organs and certain disorders involving the immune system	12	24	36	0.6	16	23	39	0.7
Diabetes mellitus	208	142	350	5.9	466	275	741	14.2
Kwashiorkor	-	-	-	0.0	1	-	1	0.0
Nutritional marasmus	-	-	-	0.0	-	-	-	0.0
Other protein-calorie malnutrition	27	12	39	0.7	33	12	45	0.9
Other nutritional deficiencies	4	2	6	0.1	2	2	4	0.1
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	102	139	241	4.0	85	139	224	4.3
Psychoses	50	5	55	0.9	45	4	49	0.9
Mental retardation	1	-	1	0.0	1	-	1	0.0
Other mental disorders	2	3	5	0.1	7	2	9	0.2
Meningitis	32	32	64	1.1	33	26	59	1.1
Parkinson's disease	1	1	2	0.0	5	-	5	0.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
Epilepsy	28	22	50	0.8	37	17	54	1.0
Other diseases of nervous system	103	48	151	2.5	113	48	161	3.1
Diseases of the eye and adnexa	-	-	-	0.0	-	-	-	0.0
Diseases of the ear and mastoid process	-	-	-	0.0	1	1	2	0.0
Acute rheumatic fever	-	1	1	0.0	-	-	-	0.0
Chronic rheumatic heart disease	73	144	217	3.6	71	95	166	3.2
Hypertension without heart involvement	79	42	121	2.0	154	95	249	4.8
Hypertension with heart involvement	112	63	175	2.9	215	126	341	6.6
Angina pectoris	11	4	15	0.3	14	8	22	0.4
Other forms of ischaemic heart disease	138	73	211	3.5	215	101	316	6.1
Acute myocardial infarction	1,145	357	1,502	25.1	1,534	532	2,066	39.7
Disease of pulmonary circulation and other forms of heart disease	402	271	673	11.3	448	300	748	14.4
Complications and ill-defined description of heart disease	61	33	94	1.6	73	51	124	2.4
Cerebrovascular disease	843	388	1,231	20.6	1,469	726	2,195	42.2
Atherosclerosis	2	-	2	0.0	-	1	1	0.0
Aortic aneurysm and dissection	14	9	23	0.4	10	4	14	0.3
Other diseases of arteries, arterioles and capillaries	16	6	22	0.4	15	10	25	0.5
Venous thrombosis and embolism	-	1	1	0.0	2	1	3	0.1
Other and unspecified disorders of circulatory system	7	1	8	0.1	12	-	12	0.2
Acute upper respiratory infections	2	1	3	0.1	3	1	4	0.1
Influenza	2	2	4	0.1	2	1	3	0.1
Pneumonia	343	239	582	9.7	378	271	649	12.5
Acute bronchitis and bronchiolitis	1	2	3	0.1	1	2	3	0.1
Chronic lower respiratory diseases	237	199	436	7.3	363	234	597	11.5
Pneumoconioses and chemical effects	-	-	-	0.0	-	-	-	0.0
Pneumonitis due to solids and liquids	26	16	42	0.7	29	12	41	0.8
Other diseases of respiratory system	51	46	97	1.6	60	45	105	2.0
Diseases of oral cavity, salivary glands and jaws	2	-	2	0.0	-	-	-	0.0
Gastric duodenal, peptic and gastrojejunal ulcer	144	38	182	3.0	204	72	276	5.3
Diseases of the appendix	18	9	27	0.5	13	9	22	0.4
Hernia	4	-	4	0.1	14	3	17	0.3
Chronic liver disease and cirrhosis	307	51	358	6.0	493	93	586	11.3
Cholelithiasis and other disorders of the gall bladder	16	12	28	0.5	19	22	41	0.8
Acute pancreatitis	252	18	270	4.5	191	18	209	4.0
Other diseases of the digestive system	123	51	174	2.9	189	75	264	5.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	18	13	31	0.5	17	14	31	0.6
Diseases of the musculoskeletal system and connective tissue	9	46	55	0.9	16	30	46	0.9
Nephritis,nephrotic syndrome and nephrosis	448	297	745	12.5	496	325	821	15.8
Infections of kidney	11	9	20	0.3	17	18	35	0.7
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	8	3	11	0.2	10	7	17	0.3
Hyperplasia of prostate	1	-	1	0.0	-	-	-	0.0
Inflammatory diseases of female pelvic organs	-	2	2	0.0	-	1	1	0.0
Other diseases of the genito-urinary system	53	45	98	1.6	61	66	127	2.4
Pregnancy with abortive outcome	-	21	21	0.4	-	14	14	0.3
Hypertension complicating pregnancy,childbirth and puerperium	-	105	105	1.8	-	51	51	1.0
Hemorrhage in early pregnancy	-	-	-	0.0	-	1	1	0.0
Postpartum hemorrhage	-	64	64	1.1	-	26	26	0.5
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	113	113	1.9	-	81	81	1.6
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital anomalies	26	36	62	1.0	24	16	40	0.8
Ill-defined and unknown causes of mortality	245	109	354	5.9	297	122	419	8.1
Transport accidents	542	96	638	10.7	462	88	550	10.6
Accidental falls	76	11	87	1.5	86	19	105	2.0
Accidental drowning and submersion	164	20	184	3.1	121	18	139	2.7
Exposure to smoke, fire and flames	21	9	30	0.5	11	3	14	0.3
Exposure to forces of nature	42	21	63	1.1	42	11	53	1.0
Accidental poisoning and exposure to noxious substances	7	3	10	0.2	7	1	8	0.2
Other accidents and late effects of transport and other accidents	171	17	188	3.1	128	35	163	3.1
Intentional self harm	149	31	180	3.0	117	25	142	2.7
Assault	1,551	102	1,653	27.6	1,312	89	1,401	26.9
Event of undetermined intent	351	47	398	6.7	324	53	377	7.2
Legal interventions	6	-	6	0.1	3	1	4	0.1
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	2	1	3	0.1	4	3	7	0.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	17,110	8,695	25,805	585.9	21,083	10,683	31,766	913.5
Cholera	1	-	1	0.0	-	-	-	0.0
Salmonella infections	26	23	49	1.1	33	9	42	1.2
Shigellosis and amoebiasis	9	4	13	0.3	3	2	5	0.1
Other intestinal infectious diseases	-	-	-	0.0	-	1	1	0.0
Other bacterial foodborne intoxications	-	-	-	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	82	23	105	2.4	85	48	133	3.8
Tuberculosis of the respiratory system	1,350	485	1,835	41.7	1,656	590	2,246	64.6
Tuberculosis of the nervous system	16	19	35	0.8	15	5	20	0.6
Other tuberculosis, including late effects	16	10	26	0.6	23	9	32	0.9
Leptospirosis	61	5	66	1.5	47	4	51	1.5
Leprosy, including late effects	3	-	3	0.1	1	-	1	0.0
Tetanus	39	5	44	1.0	49	5	54	1.6
Diphtheria	-	-	-	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Scarlet fever and erysipelas	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	1	2	3	0.1	-	-	-	0.0
Septicemia	211	124	335	7.6	233	123	356	10.2
Syphilis	-	-	-	0.0	1	-	1	0.0
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	-	-	0.0
All other diseases caused by bacteria	6	1	7	0.2	5	1	6	0.2
Acute poliomyelitis, including late effects	-	-	-	0.0	-	1	1	0.0
Rabies	13	10	23	0.5	13	16	29	0.8
Other arthropod-borne viral encephalitis	1	-	1	0.0	2	1	3	0.1
Dengue Fever and Dengue-hemorrhagic fever	8	3	11	0.2	15	8	23	0.7
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	-	-	0.0	-	-	-	0.0
Chickenpox	1	-	1	0.0	1	-	1	0.0
Smallpox	-	-	-	0.0	1	-	1	0.0
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	60	20	80	1.8	69	25	94	2.7
Human immuno deficiency virus(HIV) disease	-	-	-	0.0	-	-	-	0.0
Other viral diseases	3	1	4	0.1	1	-	1	0.0
Malaria	4	1	5	0.1	4	1	5	0.1
Schistosomiasis	14	6	20	0.5	16	5	21	0.6
Filariasis	-	-	-	0.0	-	-	-	0.0
Other helminthiasis	1	1	2	0.0	-	2	2	0.1
Other infectious and parasitic diseases,including late effects	5	2	7	0.2	2	3	5	0.1

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	137	49	186	4.2	168	60	228	6.6
Malignant neoplasm of esophagus	14	7	21	0.5	36	6	42	1.2
Malignant neoplasm of stomach	56	45	101	2.3	83	55	138	4.0
Malignant neoplasm of small intestine	4	3	7	0.2	3	1	4	0.1
Malignant neoplasm of colon	154	116	270	6.1	216	151	367	10.6
Malignant neoplasm of rectum,recosigmoid junction and anus	36	30	66	1.5	55	37	92	2.6
Malignant neoplasm of other and unspecified site	672	339	1,011	23.0	858	441	1,299	37.4
Malignant neoplasm of larynx	16	1	17	0.4	38	10	48	1.4
Malignant neoplasm of trachea, bronchus and lung	285	141	426	9.7	532	194	726	20.9
Malignant neoplasm of bone and articular cartilage	55	56	111	2.5	65	57	122	3.5
Melanoma and other malignant neoplasm of the skin	13	6	19	0.4	15	10	25	0.7
Malignant neoplasm of breast	9	775	784	17.8	9	861	870	25.0
Malignant neoplasm of other female genital organs	-	148	148	3.4	-	184	184	5.3
Malignant neoplasm of cervix uteri	-	232	232	5.3	-	277	277	8.0
Malignant neoplasm of uterus	-	119	119	2.7	-	148	148	4.3
Malignant neoplasm of placenta	-	2	2	0.0	-	2	2	0.1
Malignant neoplasm of prostate	27	-	27	0.6	54	-	54	1.6
Malignant neoplasm of lymphatic tissue	68	45	113	2.6	90	48	138	4.0
Leukemia	59	78	137	3.1	76	68	144	4.1
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	92	98	190	4.3	115	123	238	6.8
Anemias	54	51	105	2.4	50	46	96	2.8
Other diseases of blood forming organs and certain disorders involving the immune system	10	16	26	0.6	18	19	37	1.1
Diabetes mellitus	778	487	1,265	28.7	1,277	860	2,137	61.5
Kwashiorkor	-	-	-	0.0	2	-	2	0.1
Nutritional marasmus	-	-	-	0.0	-	-	-	0.0
Other protein-calorie malnutrition	20	14	34	0.8	26	20	46	1.3
Other nutritional deficiencies	-	1	1	0.0	4	3	7	0.2
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	100	127	227	5.2	94	133	227	6.5
Psychoses	61	7	68	1.5	48	5	53	1.5
Mental retardation	-	1	1	0.0	-	-	-	0.0
Other mental disorders	4	7	11	0.2	5	5	10	0.3
Meningitis	31	14	45	1.0	21	14	35	1.0
Parkinson's disease	2	1	3	0.1	6	7	13	0.4

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Alzheimer's disease	-	1	1	0.0	-	-	-	0.0
Epilepsy	18	16	34	0.8	17	12	29	0.8
Other diseases of nervous system	105	65	170	3.9	114	50	164	4.7
Diseases of the eye and adnexa	1	-	1	0.0	1	-	1	0.0
Diseases of the ear and mastoid process	1	-	1	0.0	-	3	3	0.1
Acute rheumatic fever	-	1	1	0.0	3	2	5	0.1
Chronic rheumatic heart disease	48	78	126	2.9	32	54	86	2.5
Hypertension without heart involvement	198	128	326	7.4	280	148	428	12.3
Hypertension with heart involvement	369	189	558	12.7	549	247	796	22.9
Angina pectoris	28	9	37	0.8	35	9	44	1.3
Other forms of ischaemic heart disease	316	162	478	10.9	471	199	670	19.3
Acute myocardial infarction	2,195	737	2,932	66.6	2,790	931	3,721	107.0
Disease of pulmonary circulation and other forms of heart disease	573	338	911	20.7	656	369	1,025	29.5
Complications and ill-defined description of heart disease	121	60	181	4.1	162	75	237	6.8
Cerebrovascular disease	2,311	1,146	3,457	78.5	3,086	1,646	4,732	136.1
Atherosclerosis	3	1	4	0.1	7	3	10	0.3
Aortic aneurysm and dissection	13	8	21	0.5	19	11	30	0.9
Other diseases of arteries, arterioles and capillaries	9	8	17	0.4	15	10	25	0.7
Venous thrombosis and embolism	1	1	2	0.0	3	3	6	0.2
Other and unspecified disorders of circulatory system	16	3	19	0.4	15	2	17	0.5
Acute upper respiratory infections	5	1	6	0.1	6	-	6	0.2
Influenza	4	1	5	0.1	3	1	4	0.1
Pneumonia	520	301	821	18.6	741	385	1,126	32.4
Acute bronchitis and bronchiolitis	1	-	1	0.0	4	3	7	0.2
Chronic lower respiratory diseases	456	325	781	17.7	793	301	1,094	31.5
Pneumoconioses and chemical effects	2	-	2	0.0	-	1	1	0.0
Pneumonitis due to solids and liquids	38	25	63	1.4	57	20	77	2.2
Other diseases of respiratory system	65	39	104	2.4	83	65	148	4.3
Diseases of oral cavity, salivary glands and jaws	2	-	2	0.0	3	1	4	0.1
Gastric duodenal, peptic and gastrojejunal ulcer	291	58	349	7.9	389	108	497	14.3
Diseases of the appendix	11	5	16	0.4	18	4	22	0.6
Hernia	11	1	12	0.3	10	-	10	0.3
Chronic liver disease and cirrhosis	677	93	770	17.5	834	136	970	27.9
Cholelithiasis and other disorders of the gall bladder	21	17	38	0.9	33	28	61	1.8
Acute pancreatitis	196	22	218	4.9	133	19	152	4.4
Other diseases of the digestive system	262	65	327	7.4	249	85	334	9.6

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	32	19	51	1.2	39	28	67	1.9
Diseases of the musculoskeletal system and connective tissue	23	32	55	1.2	33	30	63	1.8
Nephritis,nephrotic syndrome and nephrosis	584	353	937	21.3	716	394	1,110	31.9
Infections of kidney	28	14	42	1.0	25	16	41	1.2
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	27	9	36	0.8	25	10	35	1.0
Hyperplasia of prostate	3	-	3	0.1	8	-	8	0.2
Inflammatory diseases of female pelvic organs	-	-	-	0.0	-	1	1	0.0
Other diseases of the genito-urinary system	98	70	168	3.8	118	68	186	5.3
Pregnancy with abortive outcome	-	6	6	0.1	-	2	2	0.1
Hypertension complicating pregnancy,childbirth and puerperium	-	5	5	0.1	-	3	3	0.1
Hemorrhage in early pregnancy	-	-	-	0.0	-	-	-	0.0
Postpartum hemorrhage	-	7	7	0.2	-	-	-	0.0
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	10	10	0.2	-	2	2	0.1
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital anomalies	15	22	37	0.8	13	9	22	0.6
Ill-defined and unknown causes of mortality	319	125	444	10.1	348	141	489	14.1
Transport accidents	439	99	538	12.2	390	115	505	14.5
Accidental falls	106	10	116	2.6	91	13	104	3.0
Accidental drowning and submersion	151	20	171	3.9	105	19	124	3.6
Exposure to smoke, fire and flames	22	8	30	0.7	12	3	15	0.4
Exposure to forces of nature	28	10	38	0.9	18	18	36	1.0
Accidental poisoning and exposure to noxious substances	8	2	10	0.2	8	1	9	0.3
Other accidents and late effects of transport and other accidents	119	24	143	3.2	106	15	121	3.5
Intentional self harm	116	35	151	3.4	86	23	109	3.1
Assault	1,116	94	1,210	27.5	822	78	900	25.9
Event of undetermined intent	291	54	345	7.8	258	57	315	9.1
Legal interventions	5	-	5	0.1	3	-	3	0.1
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	4	2	6	0.1	9	2	11	0.3

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	24,396	12,560	36,956	1371.9	26,186	14,338	40,524	2121.6
Cholera	-	-	-	0.0	-	-	-	0.0
Salmonella infections	22	14	36	1.3	12	11	23	1.2
Shigellosis and amoebiasis	13	2	15	0.6	4	5	9	0.5
Other intestinal infectious diseases	-	-	-	0.0	1	-	1	0.1
Other bacterial foodborne intoxications	-	-	-	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	95	62	157	5.8	73	63	136	7.1
Tuberculosis of the respiratory system	2,007	635	2,642	98.1	2,017	678	2,695	141.1
Tuberculosis of the nervous system	7	7	14	0.5	11	8	19	1.0
Other tuberculosis, including late effects	30	6	36	1.3	14	6	20	1.0
Leptospirosis	43	10	53	2.0	29	7	36	1.9
Leprosy, including late effects	2	1	3	0.1	3	1	4	0.2
Tetanus	35	11	46	1.7	34	11	45	2.4
Diphtheria	-	-	-	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Scarlet fever and erysipelas	-	-	-	0.0	-	1	1	0.1
Meningococcal infection	-	1	1	0.0	3	-	3	0.2
Septicemia	265	143	408	15.1	271	152	423	22.1
Syphilis	-	-	-	0.0	-	1	1	0.1
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	-	-	0.0
All other diseases caused by bacteria	2	2	4	0.1	7	2	9	0.5
Acute poliomyelitis, including late effects	2	-	2	0.1	-	-	-	0.0
Rabies	9	7	16	0.6	8	9	17	0.9
Other arthropod-borne viral encephalitis	-	1	1	0.0	3	-	3	0.2
Dengue Fever and Dengue-hemorrhagic fever	7	3	10	0.4	6	5	11	0.6
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	-	-	0.0	1	-	1	0.1
Chickenpox	-	-	-	0.0	2	-	2	0.1
Smallpox	-	1	1	0.0	-	1	1	0.1
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	62	19	81	3.0	36	16	52	2.7
Human immuno deficiency virus(HIV) disease	1	-	1	0.0	-	-	-	0.0
Other viral diseases	-	-	-	0.0	2	1	3	0.2
Malaria	2	-	2	0.1	1	-	1	0.1
Schistosomiasis	23	6	29	1.1	13	10	23	1.2
Filariasis	-	1	1	0.0	3	-	3	0.2
Other helminthiasis	1	-	1	0.0	2	-	2	0.1
Other infectious and parasitic diseases,including late effects	5	-	5	0.2	4	4	8	0.4

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	169	79	248	9.2	184	92	276	14.4
Malignant neoplasm of esophagus	36	11	47	1.7	66	11	77	4.0
Malignant neoplasm of stomach	78	51	129	4.8	113	57	170	8.9
Malignant neoplasm of small intestine	11	5	16	0.6	4	4	8	0.4
Malignant neoplasm of colon	231	178	409	15.2	291	238	529	27.7
Malignant neoplasm of rectum,recosigmoid junction and anus	60	34	94	3.5	79	33	112	5.9
Malignant neoplasm of other and unspecified site	996	537	1,533	56.9	984	578	1,562	81.8
Malignant neoplasm of larynx	50	16	66	2.5	69	17	86	4.5
Malignant neoplasm of trachea, bronchus and lung	906	275	1,181	43.8	1,072	310	1,382	72.4
Malignant neoplasm of bone and articular cartilage	87	60	147	5.5	92	62	154	8.1
Melanoma and other malignant neoplasm of the skin	15	10	25	0.9	27	10	37	1.9
Malignant neoplasm of breast	15	795	810	30.1	6	663	669	35.0
Malignant neoplasm of other female genital organs	-	163	163	6.1	-	160	160	8.4
Malignant neoplasm of cervix uteri	-	224	224	8.3	-	148	148	7.7
Malignant neoplasm of uterus	-	172	172	6.4	-	134	134	7.0
Malignant neoplasm of placenta	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of prostate	109	-	109	4.0	199	-	199	10.4
Malignant neoplasm of lymphatic tissue	101	52	153	5.7	105	75	180	9.4
Leukemia	77	70	147	5.5	84	77	161	8.4
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	159	131	290	10.8	163	131	294	15.4
Anemias	70	53	123	4.6	82	65	147	7.7
Other diseases of blood forming organs and certain disorders involving the immune system	19	18	37	1.4	10	14	24	1.3
Diabetes mellitus	1,695	1,254	2,949	109.5	1,633	1,497	3,130	163.9
Kwashiorkor	1	-	1	0.0	-	-	-	0.0
Nutritional marasmus	-	1	1	0.0	-	-	-	0.0
Other protein-calorie malnutrition	32	19	51	1.9	30	21	51	2.7
Other nutritional deficiencies	3	-	3	0.1	3	5	8	0.4
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	99	110	209	7.8	92	105	197	10.3
Psychoses	36	10	46	1.7	42	5	47	2.5
Mental retardation	-	-	-	0.0	-	1	1	0.1
Other mental disorders	7	2	9	0.3	4	2	6	0.3
Meningitis	22	6	28	1.0	6	10	16	0.8
Parkinson's disease	9	5	14	0.5	11	7	18	0.9

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Alzheimer's disease	2	2	4	0.1	4	7	11	0.6
Epilepsy	16	7	23	0.9	7	8	15	0.8
Other diseases of nervous system	95	58	153	5.7	88	61	149	7.8
Diseases of the eye and adnexa	-	1	1	0.0	1	-	1	0.1
Diseases of the ear and mastoid process	-	-	-	0.0	1	-	1	0.1
Acute rheumatic fever	1	4	5	0.2	-	1	1	0.1
Chronic rheumatic heart disease	27	53	80	3.0	23	35	58	3.0
Hypertension without heart involvement	371	174	545	20.2	382	212	594	31.1
Hypertension with heart involvement	639	405	1,044	38.8	806	483	1,289	67.5
Angina pectoris	39	19	58	2.2	39	25	64	3.4
Other forms of ischaemic heart disease	563	232	795	29.5	793	410	1,203	63.0
Acute myocardial infarction	3,374	1,241	4,615	171.3	3,283	1,560	4,843	253.5
Disease of pulmonary circulation and other forms of heart disease	819	445	1,264	46.9	977	549	1,526	79.9
Complications and ill-defined description of heart disease	175	91	266	9.9	237	136	373	19.5
Cerebrovascular disease	3,613	2,004	5,617	208.5	4,072	2,364	6,436	336.9
Atherosclerosis	7	3	10	0.4	16	12	28	1.5
Aortic aneurysm and dissection	17	14	31	1.2	33	16	49	2.6
Other diseases of arteries, arterioles and capillaries	13	4	17	0.6	20	14	34	1.8
Venous thrombosis and embolism	1	3	4	0.1	2	1	3	0.2
Other and unspecified disorders of circulatory system	11	4	15	0.6	13	8	21	1.1
Acute upper respiratory infections	2	-	2	0.1	2	2	4	0.2
Influenza	-	-	-	0.0	4	3	7	0.4
Pneumonia	938	488	1,426	52.9	1,326	711	2,037	106.6
Acute bronchitis and bronchiolitis	3	-	3	0.1	7	1	8	0.4
Chronic lower respiratory diseases	1,195	384	1,579	58.6	1,794	515	2,309	120.9
Pneumoconioses and chemical effects	3	-	3	0.1	-	-	-	0.0
Pneumonitis due to solids and liquids	56	29	85	3.2	53	30	83	4.3
Other diseases of respiratory system	102	48	150	5.6	108	64	172	9.0
Diseases of oral cavity, salivary glands and jaws	-	1	1	0.0	1	-	1	0.1
Gastric duodenal, peptic and gastrojejunal ulcer	435	131	566	21.0	483	148	631	33.0
Diseases of the appendix	10	6	16	0.6	12	3	15	0.8
Hernia	13	3	16	0.6	18	3	21	1.1
Chronic liver disease and cirrhosis	794	188	982	36.5	668	212	880	46.1
Cholelithiasis and other disorders of the gall bladder	44	26	70	2.6	27	34	61	3.2
Acute pancreatitis	104	8	112	4.2	79	15	94	4.9
Other diseases of the digestive system	296	107	403	15.0	321	110	431	22.6

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	41	23	64	2.4	44	45	89	4.7
Diseases of the musculoskeletal system and connective tissue	35	29	64	2.4	41	26	67	3.5
Nephritis,nephrotic syndrome and nephrosis	801	437	1,238	46.0	787	399	1,186	62.1
Infections of kidney	19	35	54	2.0	20	19	39	2.0
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	26	11	37	1.4	26	15	41	2.1
Hyperplasia of prostate	16	-	16	0.6	32	-	32	1.7
Inflammatory diseases of female pelvic organs	-	2	2	0.1	-	1	1	0.1
Other diseases of the genito-urinary system	125	69	194	7.2	125	87	212	11.1
Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
Hypertension complicating pregnancy,childbirth and puerperium	-	-	-	0.0	-	-	-	0.0
Hemorrhage in early pregnancy	-	-	-	0.0	-	-	-	0.0
Postpartum hemorrhage	-	-	-	0.0	-	-	-	0.0
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital anomalies	12	10	22	0.8	14	2	16	0.8
Ill-defined and unknown causes of mortality	363	144	507	18.8	393	201	594	31.1
Transport accidents	302	104	406	15.1	206	97	303	15.9
Accidental falls	100	26	126	4.7	109	22	131	6.9
Accidental drowning and submersion	107	18	125	4.6	75	11	86	4.5
Exposure to smoke, fire and flames	9	3	12	0.4	12	3	15	0.8
Exposure to forces of nature	16	12	28	1.0	19	8	27	1.4
Accidental poisoning and exposure to noxious substances	13	3	16	0.6	5	3	8	0.4
Other accidents and late effects of transport and other accidents	65	22	87	3.2	73	17	90	4.7
Intentional self harm	69	26	95	3.5	41	11	52	2.7
Assault	566	73	639	23.7	261	28	289	15.1
Event of undetermined intent	200	56	256	9.5	180	64	244	12.8
Legal interventions	-	-	-	0.0	-	-	-	0.0
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	7	1	8	0.3	12	2	14	0.7

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	26,546	16,249	42,795	2753.4	84,788	93,363	178,151	8013.8
Cholera	-	1	1	0.1	1	1	2	0.1
Salmonella infections	15	5	20	1.3	34	31	65	2.9
Shigellosis and amoebiasis	8	6	14	0.9	33	29	62	2.8
Other intestinal infectious diseases	-	1	1	0.1	1	3	4	0.2
Other bacterial foodborne intoxications	-	-	-	0.0	-	-	-	0.0
Diarrhoeas and gastroenteritis of presumed infectious origin	103	81	184	11.8	351	449	800	36.0
Tuberculosis of the respiratory system	2,046	720	2,766	178.0	4,153	2,418	6,571	295.6
Tuberculosis of the nervous system	6	3	9	0.6	10	11	21	0.9
Other tuberculosis, including late effects	22	14	36	2.3	34	24	58	2.6
Leptospirosis	18	4	22	1.4	16	7	23	1.0
Leprosy, including late effects	3	-	3	0.2	7	1	8	0.4
Tetanus	17	8	25	1.6	48	25	73	3.3
Diphtheria	-	-	-	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	1	1	0.0
Scarlet fever and erysipelas	-	-	-	0.0	1	-	1	0.0
Meningococcal infection	-	1	1	0.1	1	5	6	0.3
Septicemia	311	209	520	33.5	1,707	2,457	4,164	187.3
Syphilis	2	-	2	0.1	3	-	3	0.1
Gonococcal infections	-	-	-	0.0	-	-	-	0.0
Rickettsioses	-	-	-	0.0	-	-	-	0.0
All other diseases caused by bacteria	2	1	3	0.2	10	16	26	1.2
Acute poliomyelitis, including late effects	-	-	-	0.0	-	1	1	0.0
Rabies	4	5	9	0.6	12	7	19	0.9
Other arthropod-borne viral encephalitis	-	-	-	0.0	1	2	3	0.1
Dengue Fever and Dengue-hemorrhagic fever	4	6	10	0.6	10	17	27	1.2
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	-	-	0.0	-	1	1	0.0
Chickenpox	2	-	2	0.1	9	8	17	0.8
Smallpox	-	-	-	0.0	3	4	7	0.3
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	25	26	51	3.3	28	45	73	3.3
Human immuno deficiency virus(HIV) disease	1	-	1	0.1	-	-	-	0.0
Other viral diseases	1	-	1	0.1	3	5	8	0.4
Malaria	2	-	2	0.1	2	3	5	0.2
Schistosomiasis	9	9	18	1.2	28	17	45	2.0
Filariasis	-	-	-	0.0	-	-	-	0.0
Other helminthiasis	1	1	2	0.1	3	3	6	0.3
Other infectious and parasitic diseases,including late effects	6	2	8	0.5	13	4	17	0.8

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of lip, oral cavity and pharynx	147	91	238	15.3	323	312	635	28.6
Malignant neoplasm of esophagus	54	16	70	4.5	86	49	135	6.1
Malignant neoplasm of stomach	111	81	192	12.4	254	219	473	21.3
Malignant neoplasm of small intestine	8	10	18	1.2	13	8	21	0.9
Malignant neoplasm of colon	315	204	519	33.4	651	746	1,397	62.8
Malignant neoplasm of rectum,recosigmoid junction and anus	58	40	98	6.3	119	97	216	9.7
Malignant neoplasm of other and unspecified site	883	559	1,442	92.8	1,728	1,707	3,435	154.5
Malignant neoplasm of larynx	56	8	64	4.1	110	38	148	6.7
Malignant neoplasm of trachea, bronchus and lung	1,085	312	1,397	89.9	1,667	790	2,457	110.5
Malignant neoplasm of bone and articular cartilage	83	59	142	9.1	130	146	276	12.4
Melanoma and other malignant neoplasm of the skin	15	12	27	1.7	46	42	88	4.0
Malignant neoplasm of breast	11	465	476	30.6	31	892	923	41.5
Malignant neoplasm of other female genital organs	-	118	118	7.6	-	228	228	10.3
Malignant neoplasm of cervix uteri	-	107	107	6.9	-	222	222	10.0
Malignant neoplasm of uterus	-	119	119	7.7	-	206	206	9.3
Malignant neoplasm of placenta	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of prostate	332	-	332	21.4	1,562	-	1,562	70.3
Malignant neoplasm of lymphatic tissue	90	62	152	9.8	174	175	349	15.7
Leukemia	61	86	147	9.5	181	168	349	15.7
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	166	110	276	17.8	344	352	696	31.3
Anemias	85	91	176	11.3	389	489	878	39.5
Other diseases of blood forming organs and certain disorders involving the immune system	9	23	32	2.1	37	49	86	3.9
Diabetes mellitus	1,492	1,552	3,044	195.9	3,182	5,085	8,267	371.9
Kwashiorkor	-	-	-	0.0	4	14	18	0.8
Nutritional marasmus	1	1	2	0.1	5	2	7	0.3
Other protein-calorie malnutrition	46	35	81	5.2	394	715	1,109	49.9
Other nutritional deficiencies	9	3	12	0.8	98	160	258	11.6
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	90	112	202	13.0	571	1,030	1,601	72.0
Psychoses	14	4	18	1.2	37	31	68	3.1
Mental retardation	1	-	1	0.1	-	-	-	0.0
Other mental disorders	3	3	6	0.4	25	44	69	3.1
Meningitis	5	11	16	1.0	20	20	40	1.8
Parkinson's disease	28	9	37	2.4	95	97	192	8.6

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Alzheimer's disease	9	10	19	1.2	115	177	292	13.1
Epilepsy	1	3	4	0.3	9	7	16	0.7
Other diseases of nervous system	61	50	111	7.1	172	203	375	16.9
Diseases of the eye and adnexa	2	-	2	0.1	5	9	14	0.6
Diseases of the ear and mastoid process	1	-	1	0.1	5	10	15	0.7
Acute rheumatic fever	-	-	-	0.0	1	3	4	0.2
Chronic rheumatic heart disease	22	34	56	3.6	39	59	98	4.4
Hypertension without heart involvement	404	289	693	44.6	1,214	1,514	2,728	122.7
Hypertension with heart involvement	814	665	1,479	95.2	2,591	3,349	5,940	267.2
Angina pectoris	34	26	60	3.9	120	143	263	11.8
Other forms of ischaemic heart disease	782	519	1,301	83.7	3,972	5,490	9,462	425.6
Acute myocardial infarction	3,107	1,841	4,948	318.4	8,096	8,689	16,785	755.0
Disease of pulmonary circulation and other forms of heart disease	975	688	1,663	107.0	5,237	6,833	12,070	542.9
Complications and ill-defined description of heart disease	238	149	387	24.9	1,271	1,891	3,162	142.2
Cerebrovascular disease	4,250	2,902	7,152	460.2	11,010	13,110	24,120	1085.0
Atherosclerosis	44	13	57	3.7	709	1,032	1,741	78.3
Aortic aneurysm and dissection	43	23	66	4.2	156	124	280	12.6
Other diseases of arteries, arterioles and capillaries	8	17	25	1.6	41	55	96	4.3
Venous thrombosis and embolism	3	2	5	0.3	14	13	27	1.2
Other and unspecified disorders of circulatory system	10	10	20	1.3	28	21	49	2.2
Acute upper respiratory infections	2	1	3	0.2	5	11	16	0.7
Influenza	3	1	4	0.3	11	38	49	2.2
Pneumonia	1,622	975	2,597	167.1	11,214	14,613	25,827	1161.8
Acute bronchitis and bronchiolitis	7	3	10	0.6	13	18	31	1.4
Chronic lower respiratory diseases	2,322	725	3,047	196.0	7,547	3,435	10,982	494.0
Pneumoconioses and chemical effects	-	-	-	0.0	2	5	7	0.3
Pneumonitis due to solids and liquids	69	42	111	7.1	349	500	849	38.2
Other diseases of respiratory system	98	57	155	10.0	356	322	678	30.5
Diseases of oral cavity, salivary glands and jaws	-	-	-	0.0	3	5	8	0.4
Gastric duodenal, peptic and gastrojejunal ulcer	545	192	737	47.4	1,617	1,119	2,736	123.1
Diseases of the appendix	6	6	12	0.8	19	15	34	1.5
Hernia	15	4	19	1.2	74	6	80	3.6
Chronic liver disease and cirrhosis	550	202	752	48.4	791	565	1,356	61.0
Cholelithiasis and other disorders of the gall bladder	26	28	54	3.5	73	122	195	8.8
Acute pancreatitis	59	16	75	4.8	63	45	108	4.9
Other diseases of the digestive system	306	108	414	26.6	731	703	1,434	64.5

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the skin and subcutaneous tissue	67	50	117	7.5	319	644	963	43.3
Diseases of the musculoskeletal system and connective tissue	51	34	85	5.5	335	483	818	36.8
Nephritis,nephrotic syndrome and nephrosis	749	481	1,230	79.1	2,205	1,946	4,151	186.7
Infections of kidney	25	28	53	3.4	87	96	183	8.2
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	37	17	54	3.5	81	58	139	6.3
Hyperplasia of prostate	50	-	50	3.2	363	-	363	16.3
Inflammatory diseases of female pelvic organs	-	1	1	0.1	-	4	4	0.2
Other diseases of the genito-urinary system	154	87	241	15.5	496	509	1,005	45.2
Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
Hypertension complicating pregnancy,childbirth and puerperium	-	-	-	0.0	-	-	-	0.0
Hemorrhage in early pregnancy	-	-	-	0.0	-	-	-	0.0
Postpartum hemorrhage	-	-	-	0.0	-	-	-	0.0
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital anomalies	2	2	4	0.3	17	21	38	1.7
Ill-defined and unknown causes of mortality	411	249	660	42.5	3,006	4,370	7,376	331.8
Transport accidents	118	82	200	12.9	283	250	533	24.0
Accidental falls	98	26	124	8.0	274	330	604	27.2
Accidental drowning and submersion	53	17	70	4.5	121	70	191	8.6
Exposure to smoke, fire and flames	13	5	18	1.2	32	31	63	2.8
Exposure to forces of nature	14	12	26	1.7	29	29	58	2.6
Accidental poisoning and exposure to noxious substances	4	4	8	0.5	5	3	8	0.4
Other accidents and late effects of transport and other accidents	41	27	68	4.4	120	111	231	10.4
Intentional self harm	40	7	47	3.0	48	18	66	3.0
Assault	182	38	220	14.2	177	74	251	11.3
Event of undetermined intent	121	74	195	12.5	298	316	614	27.6
Legal interventions	-	-	-	0.0	1	-	1	0.0
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	12	1	13	0.8	20	18	38	1.7

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
TOTAL	357	373	730
Cholera	-	-	-
Salmonella infections	1	-	1
Shigellosis and amoebiasis	-	-	-
Other intestinal infectious diseases	-	-	-
Other bacterial foodborne intoxications	-	-	-
Diarrhoeas and gastroenteritis of presumed infectious origin	6	4	10
Tuberculosis of the respiratory system	15	4	19
Tuberculosis of the nervous system	-	-	-
Other tuberculosis, including late effects	-	1	1
Leptospirosis	-	-	-
Leprosy, including late effects	-	-	-
Tetanus	-	-	-
Diphtheria	-	-	-
Whooping cough	-	-	-
Scarlet fever and erysipelas	-	-	-
Meningococcal infection	-	-	-
Septicemia	12	11	23
Syphilis	-	-	-
Gonococcal infections	-	-	-
Rickettsioses	-	-	-
All other diseases caused by bacteria	-	-	-
Acute poliomyelitis, including late effects	-	-	-
Rabies	-	-	-
Other arthropod-borne viral encephalitis	-	-	-
Dengue Fever and Dengue-hemorrhagic fever	1	-	1
Other Arthropod-borne viral fevers and viral hemorrhagic fevers	-	-	-
Chickenpox	-	-	-
Smallpox	-	-	-
Measles	-	-	-
Viral hepatitis	-	-	-
Human immuno deficiency virus(HIV) disease	-	-	-
Other viral diseases	-	-	-
Malaria	-	-	-
Schistosomiasis	-	-	-
Filariasis	-	-	-
Other helminthiasis	-	-	-
Other infectious and parasitic diseases,including late effects	-	-	-

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
Malignant neoplasm of lip, oral cavity and pharynx	1	1	2
Malignant neoplasm of esophagus	-	-	-
Malignant neoplasm of stomach	1	-	1
Malignant neoplasm of small intestine	-	-	-
Malignant neoplasm of colon	2	-	2
Malignant neoplasm of rectum,recosigmoid junction and anus	-	-	-
Malignant neoplasm of other and unspecified site	3	4	7
Malignant neoplasm of larynx	-	-	-
Malignant neoplasm of trachea, bronchus and lung	2	1	3
Malignant neoplasm of bone and articular cartilage	1	-	1
Melanoma and other malignant neoplasm of the skin	-	-	-
Malignant neoplasm of breast	-	2	2
Malignant neoplasm of other female genital organs	-	-	-
Malignant neoplasm of cervix uteri	-	1	1
Malignant neoplasm of uterus	-	-	-
Malignant neoplasm of placenta	-	-	-
Malignant neoplasm of prostate	1	-	1
Malignant neoplasm of lymphatic tissue	2	-	2
Leukemia	-	-	-
Other neoplasm, carcinoma in situ, neoplasm of uncertain behavior and of unspecified nature	-	-	-
Anemias	1	1	2
Other diseases of blood forming organs and certain disorders involving the immune system	-	-	-
Diabetes mellitus	5	6	11
Kwashiorkor	-	-	-
Nutritional marasmus	-	-	-
Other protein-calorie malnutrition	6	13	19
Other nutritional deficiencies	1	2	3
Goiter,thyrotoxicosis, hypothyroidism and other endocrine and metabolic disorders	4	12	16
Psychoses	1	-	1
Mental retardation	-	-	-
Other mental disorders	-	-	-
Meningitis	-	-	-
Parkinson's disease	-	-	-

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
Alzheimer's disease	2	1	3
Epilepsy	-	-	-
Other diseases of nervous system	3	1	4
Diseases of the eye and adnexa	-	-	-
Diseases of the ear and mastoid process	-	-	-
Acute rheumatic fever	-	-	-
Chronic rheumatic heart disease	-	-	-
Hypertension without heart involvement	4	2	6
Hypertension with heart involvement	3	3	6
Angina pectoris	-	-	-
Other forms of ischaemic heart disease	22	25	47
Acute myocardial infarction	25	22	47
Disease of pulmonary circulation and other forms of heart disease	13	46	59
Complications and ill-defined description of heart disease	6	16	22
Cerebrovascular disease	26	29	55
Atherosclerosis	1	1	2
Aortic aneurysm and dissection	-	1	1
Other diseases of arteries, arterioles and capillaries	1	-	1
Venous thrombosis and embolism	-	-	-
Other and unspecified disorders of circulatory system	1	-	1
Acute upper respiratory infections	-	-	-
Influenza	-	1	1
Pneumonia	56	72	128
Acute bronchitis and bronchiolitis	-	-	-
Chronic lower respiratory diseases	15	3	18
Pneumoconioses and chemical effects	-	-	-
Pneumonitis due to solids and liquids	-	2	2
Other diseases of respiratory system	2	1	3
Diseases of oral cavity, salivary glands and jaws	-	-	-
Gastric duodenal, peptic and gastrojejunal ulcer	5	4	9
Diseases of the appendix	-	-	-
Hernia	-	-	-
Chronic liver disease and cirrhosis	-	-	-
Cholelithiasis and other disorders of the gall bladder	-	-	-
Acute pancreatitis	1	1	2
Other diseases of the digestive system	2	-	2

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2009

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
Diseases of the skin and subcutaneous tissue	1	2	3
Diseases of the musculoskeletal system and connective tissue	1	1	2
Nephritis,nephrotic syndrome and nephrosis	5	6	11
Infections of kidney	-	-	-
Calculus of kidney, ureter and lower urinary tract,including unspecified renal colic	-	1	1
Hyperplasia of prostate	1	-	1
Inflammatory diseases of female pelvic organs	-	-	-
Other diseases of the genito-urinary system	-	1	1
Pregnancy with abortive outcome	-	-	-
Hypertension complicating pregnancy,childbirth and puerperium	-	-	-
Hemorrhage in early pregnancy	-	-	-
Postpartum hemorrhage	-	1	1
Other complications related to pregnancy, occurring in the course of labour, delivery and puerperium	-	-	-
Certain conditions originating in the perinatal period	-	-	-
Congenital anomalies	6	3	9
Ill-defined and unknown causes of mortality	33	46	79
Transport accidents	13	6	19
Accidental falls	3	4	7
Accidental drowning and submersion	3	3	6
Exposure to smoke, fire and flames	-	-	-
Exposure to forces of nature	1	-	1
Accidental poisoning and exposure to noxious substances	-	-	-
Other accidents and late effects of transport and other accidents	1	-	1
Intentional self harm	3	-	3
Assault	26	-	26
Event of undetermined intent	5	5	10
Legal interventions	1	-	1
Other external causes,including complications of medical and surgical care and sequelae of external causes of mortality	-	-	-

* Rate for this column was computed based on total population

** Rate is per 100,000 population of corresponding age-group

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19; B90)		Septicemia (A40-A41)		Rabies (A82)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	5,540	0.6	25,470	2.8	9,120	1.0	306	0.0
NATIONAL CAPITAL REGION	701	6.1	3,924	34.4	1,241	10.9	19	0.2
City of Manila	135	7.4	1,123	61.7	152	8.4	3	0.2
City of Mandaluyong	12	3.7	129	40.2	39	12.2	-	0.0
City of Marikina	17	3.8	152	33.8	38	8.4	-	0.0
City of Pasig	58	10.0	215	37.0	65	11.2	-	0.0
Quezon City	125	5.0	611	24.4	426	17.0	6	0.2
San Juan	2	1.5	38	28.1	19	14.0	-	0.0
Kalookan City	52	3.8	429	31.6	118	8.7	1	0.1
City of Malabon	29	7.4	135	34.6	17	4.4	1	0.3
City of Valenzuela	35	6.3	169	30.2	48	8.6	-	0.0
Navotas	41	15.5	77	29.0	23	8.7	-	0.0
City of Las Piñas	42	7.7	129	23.7	60	11.0	1	0.2
City of Makati	21	4.1	85	16.6	52	10.2	3	0.6
City of Muntinlupa	22	5.0	142	32.5	48	11.0	1	0.2
City of Parañaque	42	8.1	172	33.2	54	10.4	2	0.4
Pasay City	21	5.1	130	31.8	30	7.3	1	0.2
City of Taguig	45	8.4	172	32.0	47	8.7	-	0.0
Pateros	2	3.0	16	24.2	5	7.6	-	0.0
CORDILLERA ADMINISTRATIVE REGION	60	3.6	151	9.1	71	4.3	6	0.4
Abra	12	5.0	42	17.4	15	6.2	1	0.4
Apayao	5	4.1	15	12.4	3	2.5	-	0.0
Benguet	9	2.2	15	3.7	18	4.4	-	0.0
Ifugao	14	7.1	29	14.7	12	6.1	-	0.0
Kalinga	4	1.9	14	6.5	6	2.8	-	0.0
Mt. Province	11	6.4	15	8.8	6	3.5	5	2.9
Baguio City	5	1.6	21	6.8	11	3.6	-	0.0
REGION I - ILOCOS	275	5.4	1,273	25.1	650	12.8	25	0.5
Ilocos Norte	20	4.1	123	25.2	66	13.5	2	0.4
Ilocos Sur	20	3.5	108	18.7	251	43.5	5	0.9
La Union	36	5.3	173	25.2	92	13.4	-	0.0
Pangasinan	142	5.9	640	26.6	195	8.1	13	0.5
Laoag City	4	3.7	27	24.7	5	4.6	1	0.9
City of Candon	6	10.3	10	17.2	10	17.2	2	3.4
City of Vigan	2	3.8	9	17.3	2	3.8	-	0.0
City of San Fernando	4	3.2	36	28.8	2	1.6	-	0.0
City of Alaminos	3	3.4	36	40.3	5	5.6	-	0.0
Dagupan City	11	6.9	33	20.8	8	5.0	1	0.6
San Carlos City	22	11.7	51	27.2	9	4.8	1	0.5
City of Urdaneta	5	3.7	27	19.9	5	3.7	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19; B90)		Septicemia (A40-A41)		Rabies (A82)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	166	5.0	633	19.1	255	7.7	17	0.5
Batanes	-	0.0	2	10.0	-	0.0	-	0.0
Cagayan	67	6.6	214	20.9	113	11.1	4	0.4
Isabela	58	4.6	282	22.4	78	6.2	6	0.5
Nueva Vizcaya	17	3.9	55	12.5	18	4.1	1	0.2
Quirino	2	1.2	10	5.8	9	5.2	4	2.3
Tuguegarao City	7	5.0	17	12.1	9	6.4	1	0.7
City of Cauayan	10	8.2	25	20.6	11	9.1	1	0.8
City of Santiago	5	3.9	28	21.7	17	13.2	-	0.0
REGION III - CENTRAL LUZON	492	4.9	2,709	27.2	899	9.0	30	0.3
Aurora	5	2.3	36	16.7	8	3.7	2	0.9
Bataan	33	5.7	196	33.8	69	11.9	-	0.0
Bulacan	112	5.4	514	24.9	168	8.1	6	0.3
Nueva Ecija	43	3.2	273	20.4	73	5.5	2	0.1
Pampanga	35	2.1	284	17.1	71	4.3	-	0.0
Tarlac	66	6.9	285	29.9	126	13.2	12	1.3
Zambales	38	7.5	217	42.9	96	19.0	4	0.8
City of Balanga	7	8.3	29	34.5	12	14.3	-	0.0
City of Malolos	16	7.1	90	39.8	25	11.0	-	0.0
City of Meycauayan	19	9.0	81	38.5	18	8.5	-	0.0
City of San Jose Del Monte	31	7.6	182	44.6	61	15.0	1	0.2
Cabanatuan City	10	3.9	67	25.9	45	17.4	-	0.0
City of Gapan	4	3.9	15	14.5	9	8.7	1	1.0
Science City of Muñoz	-	0.0	33	43.3	12	15.8	-	0.0
Palayan City	3	8.3	10	27.6	2	5.5	-	0.0
San Jose City	7	5.6	33	26.3	5	4.0	-	0.0
Angeles City	12	3.8	126	39.7	38	12.0	-	0.0
City of San Fernando	10	3.8	73	27.7	16	6.1	-	0.0
City of Tarlac	17	5.5	66	21.5	12	3.9	2	0.7
Olangapo City	24	10.6	99	43.9	33	14.6	-	0.0
REGION IVA - CALABARZON	685	5.9	3,877	33.3	946	8.1	51	0.4
Batangas	42	2.6	353	22.2	82	5.2	7	0.4
Cavite	195	7.6	739	28.7	203	7.9	7	0.3
Laguna	87	5.6	638	40.7	101	6.4	7	0.4
Quezon	82	4.7	524	30.1	152	8.7	16	0.9
Rizal	93	5.8	603	37.7	204	12.8	8	0.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19; B90)		Septicemia (A40-A41)		Rabies (A82)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Batangas City	14	4.7	71	24.1	16	5.4	-	0.0
Lipa City	19	7.3	67	25.7	29	11.1	-	0.0
City of Tanauan	7	5.0	49	35.0	9	6.4	-	0.0
Cavite City	5	3.7	49	36.4	4	3.0	-	0.0
Tagaytay City	4	6.5	6	9.8	2	3.3	-	0.0
Trece Martires City	10	17.7	22	39.0	11	19.5	-	0.0
City of Calamba	21	6.2	185	54.9	14	4.2	-	0.0
San Pablo City	12	4.8	83	33.3	15	6.0	-	0.0
City of Santa Rosa	14	6.3	83	37.3	23	10.3	2	0.9
Lucena City	14	6.1	114	49.8	20	8.7	1	0.4
City of Antipolo	66	11.2	291	49.3	61	10.3	3	0.5
REGION IVB - MIMAROPA	172	5.8	762	25.9	182	6.2	10	0.3
Marinduque	16	6.0	78	29.3	13	4.9	1	0.4
Occidental Mindoro	53	10.8	148	30.2	38	7.8	2	0.4
Oriental Mindoro	22	3.0	228	31.3	52	7.1	1	0.1
Palawan	34	4.3	110	14.0	29	3.7	5	0.6
Romblon	28	8.5	104	31.7	30	9.1	-	0.0
Calapan City	3	2.3	32	24.1	5	3.8	-	0.0
Puerto Princesa City	16	7.6	62	29.3	15	7.1	1	0.5
REGION V - BICOL	347	6.2	2,076	37.0	497	8.9	19	0.3
Albay	43	4.9	279	31.9	85	9.7	2	0.2
Camarines Norte	41	7.4	218	39.3	47	8.5	2	0.4
Camarines Sur	85	5.3	649	40.7	93	5.8	7	0.4
Catanduanes	21	8.3	114	45.3	16	6.4	-	0.0
Masbate	54	7.0	156	20.3	70	9.1	3	0.4
Sorsogon	38	5.6	200	29.6	63	9.3	3	0.4
Legazpi City	10	5.4	87	47.1	19	10.3	-	0.0
City of Ligao	5	4.7	47	44.1	19	17.8	-	0.0
City of Tabaco	8	6.3	86	68.2	8	6.3	1	0.8
Iriga City	3	2.8	39	36.6	6	5.6	1	0.9
Naga City	12	7.3	89	53.9	25	15.2	-	0.0
City of Masbate	22	25.7	49	57.2	32	37.3	-	0.0
City of Sorsogon	5	4.5	63	56.6	14	12.6	-	0.0
REGION VI - WESTERN VISAYAS	665	8.9	3,199	43.0	1,041	14.0	15	0.2
Aklan	25	4.7	132	24.6	124	23.1	2	0.4
Antique	36	6.2	213	36.8	52	9.0	-	0.0
Capiz	44	7.0	136	21.8	67	10.7	1	0.2
Guimaras	9	5.2	62	35.9	15	8.7	-	0.0
Iloilo	137	7.7	621	35.0	279	15.7	6	0.3
Negros Occidental	115	10.6	443	40.7	113	10.4	1	0.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19; B90)		Septicemia (A40-A41)		Rabies (A82)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Roxas City	15	10.1	49	32.9	6	4.0	-	0.0
Iloilo City	30	6.9	192	44.3	90	20.8	3	0.7
City of Passi	5	6.1	31	37.6	4	4.9	-	0.0
Bacolod City	73	14.2	467	91.0	61	11.9	1	0.2
Bago City	20	11.8	136	80.2	30	17.7	-	0.0
Cadiz City	25	14.7	135	79.5	20	11.8	-	0.0
City of Escalante	14	14.8	41	43.3	23	24.3	-	0.0
City of Himamaylan	14	13.2	46	43.4	13	12.3	-	0.0
City of Kabankalan	40	22.3	83	46.3	32	17.9	-	0.0
La Carlota City	7	10.4	38	56.3	21	31.1	-	0.0
Sagay City	14	9.0	97	62.5	23	14.8	-	0.0
San Carlos City	8	5.7	40	28.3	39	27.6	1	0.7
Silay City	12	9.3	93	72.2	7	5.4	-	0.0
City of Sipalay	13	17.5	34	45.8	7	9.4	-	0.0
City of Talisay	3	3.2	61	64.4	9	9.5	-	0.0
City of Victorias	6	6.1	49	50.1	6	6.1	-	0.0
REGION VII - CENTRAL VISAYAS	490	7.1	1,606	23.3	933	13.5	22	0.3
Bohol	81	6.5	261	20.9	172	13.8	1	0.1
Cebu	144	6.6	368	16.8	317	14.4	13	0.6
Negros Oriental	59	6.8	153	17.5	123	14.1	3	0.3
Siquijor	5	5.4	26	28.2	46	49.9	-	0.0
Tagbilaran City	5	5.5	22	24.2	18	19.8	-	0.0
Cebu City	69	7.8	390	44.3	92	10.5	2	0.2
Danao City	5	4.1	19	15.7	16	13.2	-	0.0
Lapu-Lapu City	23	8.7	99	37.3	16	6.0	1	0.4
Mandaue City	27	8.5	76	23.9	25	7.9	-	0.0
City of Talisay	16	8.8	52	28.7	57	31.4	1	0.6
Toledo City	9	5.2	15	8.7	3	1.7	-	0.0
Bais City	5	6.3	22	27.7	8	10.1	-	0.0
City of Bayawan	15	12.7	31	26.2	20	16.9	-	0.0
Canlaon City	5	9.2	25	46.0	5	9.2	-	0.0
Dumaguete City	9	7.5	30	25.1	9	7.5	-	0.0
City of Tanjay	13	15.9	17	20.7	6	7.3	1	1.2
REGION VIII - EASTERN VISAYAS	349	8.0	1,119	25.7	423	9.7	6	0.1
Biliran	16	9.3	56	32.6	12	7.0	-	0.0
Eastern Samar	19	4.2	82	18.1	26	5.7	1	0.2
Leyte	91	6.0	450	29.9	99	6.6	-	0.0
Northern Samar	101	16.3	184	29.8	150	24.3	2	0.3
Samar	48	7.9	94	15.5	37	6.1	-	0.0
Southern Leyte	19	5.6	77	22.6	38	11.1	1	0.3
Ormoc City	17	9.3	59	32.1	23	12.5	-	0.0
Tacloban City	17	8.0	46	21.6	9	4.2	-	0.0
Calbayog City	16	8.9	51	28.4	14	7.8	2	1.1
City of Maasin	5	6.0	20	23.9	15	17.9	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19; B90)		Septicemia (A40-A41)		Rabies (A82)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	289	8.7	775	23.3	376	11.3	9	0.3
Zamboanga Del Norte	42	5.3	139	17.6	119	15.1	-	0.0
Zamboanga Del Sur	49	5.8	145	17.2	58	6.9	1	0.1
Zamboanga Sibugay	49	8.2	117	19.5	41	6.8	2	0.3
Dapitan City	8	9.8	34	41.7	6	7.4	-	0.0
Dipolog City	10	8.4	45	37.7	69	57.8	-	0.0
Pagadian City	23	13.4	39	22.8	9	5.3	2	1.2
Zamboanga City	108	14.9	256	35.4	74	10.2	4	0.6
REGION X - NORTHERN MINDANAO	293	6.9	958	22.5	352	8.3	21	0.5
Bukidnon	48	4.9	126	12.9	35	3.6	5	0.5
Camiguin	5	5.6	16	17.9	7	7.8	-	0.0
Lanao del Norte	27	4.9	137	24.6	33	5.9	2	0.4
Misamis Occidental	18	5.8	80	25.6	31	9.9	2	0.6
Misamis Oriental	40	5.7	171	24.3	66	9.4	2	0.3
City of Malaybalay	15	9.9	36	23.7	8	5.3	1	0.7
City of Valencia	6	3.3	30	16.5	9	4.9	1	0.5
Iligan City	44	13.3	124	37.4	68	20.5	1	0.3
Oroquieta City	4	5.8	30	43.2	9	13.0	1	1.4
Ozamis City	24	18.7	37	28.9	19	14.8	3	2.3
Tangub City	7	12.1	33	57.3	6	10.4	-	0.0
Cagayan de Oro City	39	6.8	125	21.8	49	8.6	3	0.5
Gingoog City	16	12.6	13	10.3	12	9.5	-	0.0
REGION XI - DAVAO	227	5.3	1,040	24.2	357	8.3	29	0.7
Compostela Valley	40	5.8	199	28.8	28	4.0	7	1.0
Davao	34	8.4	95	23.6	40	9.9	2	0.5
Davao Del Sur	26	3.5	89	11.9	107	14.3	4	0.5
Davao Oriental	22	4.3	78	15.1	25	4.8	1	0.2
City of Panabo	15	9.8	24	15.7	8	5.2	-	0.0
Island Garden City of Samal	5	5.3	22	23.3	21	22.3	2	2.1
City of Tagum	17	8.3	97	47.3	15	7.3	3	1.5
Davao City	61	4.6	384	28.8	91	6.8	10	0.8
City of Digos	7	4.8	52	35.8	22	15.1	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19; B90)		Septicemia (A40-A41)		Rabies (A82)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	166	4.4	719	18.9	457	12.0	22	0.6
Cotabato	41	3.9	149	14.2	173	16.5	3	0.3
Saranggani	25	4.8	67	12.9	10	1.9	1	0.2
South Cotabato	37	5.2	147	20.8	122	17.3	6	0.9
Sultan Kudarat	13	2.1	67	10.6	49	7.8	2	0.3
City of Kidapawan	4	3.3	28	22.8	26	21.2	1	0.8
General Santos City	37	7.2	184	35.8	32	6.2	7	1.4
City of Koronadal	9	5.4	39	23.4	28	16.8	-	0.0
City of Tacurong	-	0.0	38	40.6	17	18.2	2	2.1
REGION XIII - CARAGA	141	5.6	575	23.0	416	16.6	4	0.2
Agusan del Norte	16	4.7	53	15.7	24	7.1	-	0.0
Agusan del Sur	11	1.6	58	8.4	36	5.2	-	0.0
Surigao del Norte	30	6.9	149	34.4	127	29.3	1	0.2
Surigao del Sur	20	4.2	134	28.3	45	9.5	-	0.0
Butuan City	42	13.4	102	32.6	53	16.9	3	1.0
Surigao City	19	13.5	63	44.8	121	86.1	-	0.0
City of Bislig	3	2.6	16	14.0	10	8.8	-	0.0
ARMM	20	0.5	74	2.0	20	0.5	1	0.0
Basilan	1	0.4	8	3.3	2	0.8	1	0.4
Lanao del Sur	2	0.2	4	0.5	-	0.0	-	0.0
Maguindanao	10	1.0	13	1.2	2	0.2	-	0.0
Sulu	2	0.3	-	0.0	2	0.3	-	0.0
Tawi-tawi	2	0.5	2	0.5	3	0.8	-	0.0
City of Isabela	2	2.2	13	14.6	7	7.9	-	0.0
City of Lamitan	-	-	8	-	-	-	-	-
Marawi City	-	0.0	-	0.0	-	0.0	-	0.0
Cotabato City	1	0.5	26	13.5	4	2.1	-	0.0
FOREIGN COUNTRY	2		-		4		-	

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Dengue (A90-A91)		HIV Disease (B20-B24)		Malaria (B50-B54)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	1,233	0.1	32	0.0	63	0.0
NATIONAL CAPITAL REGION	308	2.7	21	0.2	5	0.0
City of Manila	28	1.5	4	0.2	1	0.1
City of Mandaluyong	8	2.5	-	0.0	-	0.0
City of Marikina	10	2.2	-	0.0	-	0.0
City of Pasig	17	2.9	2	0.3	-	0.0
Quezon City	94	3.8	6	0.2	-	0.0
San Juan	4	3.0	-	0.0	-	0.0
Kalookan City	26	1.9	1	0.1	2	0.1
City of Malabon	19	4.9	2	0.5	-	0.0
City of Valenzuela	8	1.4	-	0.0	1	0.2
Navotas	11	4.1	-	0.0	-	0.0
City of Las Piñas	21	3.9	2	0.4	-	0.0
City of Makati	17	3.3	2	0.4	1	0.2
City of Muntinlupa	8	1.8	-	0.0	-	0.0
City of Parañaque	13	2.5	-	0.0	-	0.0
Pasay City	6	1.5	2	0.5	-	0.0
City of Taguig	17	3.2	-	0.0	-	0.0
Pateros	1	1.5	-	0.0	-	0.0
CORDILLERA ADMINISTRATIVE REGION	9	0.5	-	0.0	-	0.0
Abra	1	0.4	-	0.0	-	0.0
Apayao	-	0.0	-	0.0	-	0.0
Benguet	2	0.5	-	0.0	-	0.0
Ifugao	2	1.0	-	0.0	-	0.0
Kalinga	4	1.9	-	0.0	-	0.0
Mt. Province	-	0.0	-	0.0	-	0.0
Baguio City	-	0.0	-	0.0	-	0.0
REGION I - ILOCOS	50	1.0	2	0.0	1	0.0
Ilocos Norte	4	0.8	-	0.0	1	0.2
Ilocos Sur	9	1.6	-	0.0	-	0.0
La Union	7	1.0	-	0.0	-	0.0
Pangasinan	22	0.9	1	0.0	-	0.0
Laoag City	2	1.8	-	0.0	-	0.0
City of Candon	2	3.4	-	0.0	-	0.0
City of Vigan	1	1.9	-	0.0	-	0.0
City of San Fernando	-	0.0	-	0.0	-	0.0
City of Alaminos	-	0.0	-	0.0	-	0.0
Dagupan City	1	0.6	-	0.0	-	0.0
San Carlos City	1	0.5	1	0.5	-	0.0
City of Urdaneta	1	0.7	-	0.0	-	0.0

Table 29

SELECTED CAUSES OF DEATH
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Philippines, 2009

AREA	Dengue (A90-A91)		HIV Disease (B20-B24)		Malaria (B50-B54)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	52	1.6	-	0.0	5	0.2
Batanes	-	0.0	-	0.0	-	0.0
Cagayan	14	1.4	-	0.0	5	0.5
Isabela	17	1.3	-	0.0	-	0.0
Nueva Vizcaya	6	1.4	-	0.0	-	0.0
Quirino	1	0.6	-	0.0	-	0.0
Tuguegarao City	7	5.0	-	0.0	-	0.0
City of Cauayan	1	0.8	-	0.0	-	0.0
City of Santiago	6	4.6	-	0.0	-	0.0
REGION III - CENTRAL LUZON	75	0.8	3	0.0	7	0.1
Aurora	1	0.5	-	0.0	-	0.0
Bataan	5	0.9	-	0.0	-	0.0
Bulacan	18	0.9	-	0.0	-	0.0
Nueva Ecija	13	1.0	1	0.1	1	0.1
Pampanga	4	0.2	-	0.0	-	0.0
Tarlac	5	0.5	-	0.0	1	0.1
Zambales	5	1.0	-	0.0	4	0.8
City of Balanga	2	2.4	-	0.0	-	0.0
City of Malolos	1	0.4	-	0.0	-	0.0
City of Meycauayan	3	1.4	-	0.0	-	0.0
City of San Jose Del Monte	4	1.0	-	0.0	-	0.0
Cabanatuan City	6	2.3	-	0.0	-	0.0
City of Gapan	-	0.0	-	0.0	-	0.0
Science City of Muñoz	-	0.0	-	0.0	-	0.0
Palayan City	-	0.0	-	0.0	-	0.0
San Jose City	1	0.8	-	0.0	-	0.0
Angeles City	2	0.6	-	0.0	1	0.3
City of San Fernando	2	0.8	1	0.4	-	0.0
City of Tarlac	2	0.7	-	0.0	-	0.0
Olangapo City	1	0.4	1	0.4	-	0.0
REGION IVA - CALABARZON	168	1.4	2	0.0	2	0.0
Batangas	15	0.9	-	0.0	-	0.0
Cavite	52	2.0	-	0.0	1	0.0
Laguna	21	1.3	1	0.1	-	0.0
Quezon	13	0.7	-	0.0	-	0.0
Rizal	24	1.5	-	0.0	1	0.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
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Philippines, 2009

AREA	Dengue (A90-A91)		HIV Disease (B20-B24)		Malaria (B50-B54)	
	No.	Rate	No.	Rate	No.	Rate
Batangas City	3	1.0	-	0.0	-	0.0
Lipa City	5	1.9	-	0.0	-	0.0
City of Tanauan	1	0.7	-	0.0	-	0.0
Cavite City	-	0.0	-	0.0	-	0.0
Tagaytay City	-	0.0	-	0.0	-	0.0
Trece Martires City	1	1.8	-	0.0	-	0.0
City of Calamba	6	1.8	-	0.0	-	0.0
San Pablo City	1	0.4	-	0.0	-	0.0
City of Santa Rosa	6	2.7	-	0.0	-	0.0
Lucena City	5	2.2	-	0.0	-	0.0
City of Antipolo	15	2.5	1	0.2	-	0.0
REGION IVB - MIMAROPA	7	0.2	1	0.0	20	0.7
Marinduque	-	0.0	-	0.0	-	0.0
Occidental Mindoro	2	0.4	-	0.0	7	1.4
Oriental Mindoro	1	0.1	1	0.1	-	0.0
Palawan	1	0.1	-	0.0	7	0.9
Romblon	-	0.0	-	0.0	-	0.0
Calapan City	1	0.8	-	0.0	-	0.0
Puerto Princesa City	2	0.9	-	0.0	6	2.8
REGION V - BICOL	14	0.2	-	0.0	2	0.0
Albay	1	0.1	-	0.0	-	0.0
Camarines Norte	1	0.2	-	0.0	-	0.0
Camarines Sur	2	0.1	-	0.0	1	0.1
Catanduanes	1	0.4	-	0.0	1	0.4
Masbate	1	0.1	-	0.0	-	0.0
Sorsogon	1	0.1	-	0.0	-	0.0
Legazpi City	2	1.1	-	0.0	-	0.0
City of Ligao	-	0.0	-	0.0	-	0.0
City of Tabaco	1	0.8	-	0.0	-	0.0
Iriga City	-	0.0	-	0.0	-	0.0
Naga City	2	1.2	-	0.0	-	0.0
City of Masbate	1	1.2	-	0.0	-	0.0
City of Sorsogon	1	0.9	-	0.0	-	0.0
REGION VI - WESTERN VISAYAS	95	1.3	1	0.0	-	0.0
Aklan	-	0.0	-	0.0	-	0.0
Antique	2	0.3	-	0.0	-	0.0
Capiz	2	0.3	-	0.0	-	0.0
Guimaras	3	1.7	-	0.0	-	0.0
Iloilo	17	1.0	1	0.1	-	0.0
Negros Occidental	3	0.3	-	0.0	-	0.0

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SELECTED CAUSES OF DEATH
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Philippines, 2009

AREA	Dengue (A90-A91)		HIV Disease (B20-B24)		Malaria (B50-B54)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	3	2.0	-	0.0	-	0.0
Iloilo City	29	6.7	-	0.0	-	0.0
City of Passi	1	1.2	-	0.0	-	0.0
Bacolod City	13	2.5	-	0.0	-	0.0
Bago City	6	3.5	-	0.0	-	0.0
Cadiz City	1	0.6	-	0.0	-	0.0
City of Escalante	1	1.1	-	0.0	-	0.0
City of Himamaylan	-	0.0	-	0.0	-	0.0
City of Kabankalan	2	1.1	-	0.0	-	0.0
La Carlota City	1	1.5	-	0.0	-	0.0
Sagay City	2	1.3	-	0.0	-	0.0
San Carlos City	1	0.7	-	0.0	-	0.0
Silay City	2	1.6	-	0.0	-	0.0
City of Sipalay	2	2.7	-	0.0	-	0.0
City of Talisay	2	2.1	-	0.0	-	0.0
City of Victorias	2	2.0	-	0.0	-	0.0
REGION VII - CENTRAL VISAYAS	133	1.9	-	0.0	3	0.0
Bohol	8	0.6	-	0.0	-	0.0
Cebu	27	1.2	-	0.0	-	0.0
Negros Oriental	10	1.1	-	0.0	-	0.0
Siquijor	-	0.0	-	0.0	-	0.0
Tagbilaran City	2	2.2	-	0.0	-	0.0
Cebu City	40	4.5	-	0.0	1	0.1
Danao City	2	1.7	-	0.0	-	0.0
Lapu-Lapu City	18	6.8	-	0.0	1	0.4
Mandaue City	9	2.8	-	0.0	-	0.0
City of Talisay	10	5.5	-	0.0	1	0.6
Toledo City	4	2.3	-	0.0	-	0.0
Bais City	-	0.0	-	0.0	-	0.0
City of Bayawan	-	0.0	-	0.0	-	0.0
Canlaon City	-	0.0	-	0.0	-	0.0
Dumaguete City	1	0.8	-	0.0	-	0.0
City of Tanjay	2	2.4	-	0.0	-	0.0
REGION VIII - EASTERN VISAYAS	28	0.6	1	0.0	-	0.0
Biliran	-	0.0	-	0.0	-	0.0
Eastern Samar	1	0.2	-	0.0	-	0.0
Leyte	6	0.4	-	0.0	-	0.0
Northern Samar	1	0.2	-	0.0	-	0.0
Samar	2	0.3	-	0.0	-	0.0
Southern Leyte	4	1.2	-	0.0	-	0.0
Ormoc City	1	0.5	-	0.0	-	0.0
Tacloban City	10	4.7	1	0.5	-	0.0
Calbayog City	-	0.0	-	0.0	-	0.0
City of Maasin	3	3.6	-	0.0	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Dengue (A90-A91)		HIV Disease (B20-B24)		Malaria (B50-B54)	
	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	34	1.0	-	0.0	3	0.1
Zamboanga Del Norte	1	0.1	-	0.0	1	0.1
Zamboanga Del Sur	5	0.6	-	0.0	1	0.1
Zamboanga Sibugay	1	0.2	-	0.0	1	0.2
Dapitan City	4	4.9	-	0.0	-	0.0
Dipolog City	6	5.0	-	0.0	-	0.0
Pagadian City	12	7.0	-	0.0	-	0.0
Zamboanga City	5	0.7	-	0.0	-	0.0
REGION X - NORTHERN MINDANAO	90	2.1	-	0.0	-	0.0
Bukidnon	12	1.2	-	0.0	-	0.0
Camiguin	2	2.2	-	0.0	-	0.0
Lanao del Norte	4	0.7	-	0.0	-	0.0
Misamis Occidental	1	0.3	-	0.0	-	0.0
Misamis Oriental	13	1.8	-	0.0	-	0.0
City of Malaybalay	2	1.3	-	0.0	-	0.0
City of Valencia	6	3.3	-	0.0	-	0.0
Iligan City	18	5.4	-	0.0	-	0.0
Oroquieta City	2	2.9	-	0.0	-	0.0
Ozamis City	5	3.9	-	0.0	-	0.0
Tangub City	-	0.0	-	0.0	-	0.0
Cagayan de Oro City	24	4.2	-	0.0	-	0.0
Gingoog City	1	0.8	-	0.0	-	0.0
REGION XI - DAVAO	109	2.5	1	0.0	4	0.1
Compostela Valley	6	0.9	1	0.1	-	0.0
Davao	3	0.7	-	0.0	1	0.2
Davao Del Sur	5	0.7	-	0.0	-	0.0
Davao Oriental	5	1.0	-	0.0	-	0.0
City of Panabo	11	7.2	-	0.0	1	0.7
Island Garden City of Samal	2	2.1	-	0.0	-	0.0
City of Tagum	5	2.4	-	0.0	-	0.0
Davao City	70	5.3	-	0.0	2	0.2
City of Digos	2	1.4	-	0.0	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Dengue (A90-A91)		HIV Disease (B20-B24)		Malaria (B50-B54)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	42	1.1	-	0.0	2	0.1
Cotabato	3	0.3	-	0.0	1	0.1
Saranggani	6	1.2	-	0.0	-	0.0
South Cotabato	11	1.6	-	0.0	-	0.0
Sultan Kudarat	-	0.0	-	0.0	1	0.2
City of Kidapawan	1	0.8	-	0.0	-	0.0
General Santos City	19	3.7	-	0.0	-	0.0
City of Koronadal	2	1.2	-	0.0	-	0.0
City of Tacurong	-	0.0	-	0.0	-	0.0
REGION XIII - CARAGA	15	0.6	-	0.0	5	0.2
Agusan del Norte	-	0.0	-	0.0	1	0.3
Agusan del Sur	4	0.6	-	0.0	1	0.1
Surigao del Norte	3	0.7	-	0.0	-	0.0
Surigao del Sur	1	0.2	-	0.0	1	0.2
Butuan City	4	1.3	-	0.0	-	0.0
Surigao City	1	0.7	-	0.0	1	0.7
City of Bislig	2	1.8	-	0.0	1	0.9
ARMM	4	0.1	-	0.0	4	0.1
Basilan	-	0.0	-	0.0	-	0.0
Lanao del Sur	1	0.1	-	0.0	-	0.0
Maguindanao	1	0.1	-	0.0	2	0.2
Sulu	-	0.0	-	0.0	-	0.0
Tawi-tawi	-	0.0	-	0.0	1	0.3
City of Isabela	-	0.0	-	0.0	-	0.0
City of Lamitan	-		-		-	
Marawi City	-	0.0	-	0.0	-	0.0
Cotabato City	2	1.0	-	0.0	1	0.5
FOREIGN COUNTRY	-		-		-	

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm (C00-C32,C35-C49,C51-C90, C96-C97)		Malignant Neoplasm of the Trachea, Bronchus and Lung (C33-C34)	
	No.	Rate	No.	Rate
PHILIPPINES	31,212	3.4	8,184	0.9
NATIONAL CAPITAL REGION	5,014	44.0	1,335	11.7
City of Manila	891	49.0	206	11.3
City of Mandaluyong	149	46.5	56	17.5
City of Marikina	204	45.3	49	10.9
City of Pasig	299	51.4	77	13.2
Quezon City	1,067	42.6	329	13.1
San Juan	86	63.5	31	22.9
Kalookan City	468	34.5	127	9.4
City of Malabon	152	39.0	42	10.8
City of Valenzuela	223	39.9	61	10.9
Navotas	137	51.7	22	8.3
City of Las Piñas	264	48.5	70	12.9
City of Makati	255	49.8	56	10.9
City of Muntinlupa	166	38.0	32	7.3
City of Parañaque	297	57.4	72	13.9
Pasay City	154	37.7	48	11.7
City of Taguig	164	30.5	50	9.3
Pateros	38	57.5	7	10.6
CORDILLERA ADMINISTRATIVE REGION	497	29.9	126	7.6
Abra	72	29.9	35	14.5
Apayao	24	19.9	6	5.0
Benguet	154	37.9	28	6.9
Ifugao	34	17.2	7	3.5
Kalinga	37	17.2	7	3.3
Mt. Province	55	32.2	6	3.5
Baguio City	121	39.2	37	12.0
REGION I - ILOCOS	2,053	40.5	698	13.8
Ilocos Norte	237	48.5	105	21.5
Ilocos Sur	244	42.3	98	17.0
La Union	267	39.0	99	14.4
Pangasinan	971	40.4	281	11.7
Laoag City	41	37.5	22	20.1
City of Candon	12	20.6	2	3.4
City of Vigan	21	40.4	8	15.4
City of San Fernando	54	43.2	20	16.0
City of Alaminos	29	32.4	10	11.2
Dagupan City	70	44.1	24	15.1
San Carlos City	62	33.0	15	8.0
City of Urdaneta	45	33.1	14	10.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm (C00-C32,C35-C49,C51-C90, C96-C97)		Malignant Neoplasm of the Trachea, Bronchus and Lung (C33-C34)	
	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	1,053	31.8	361	10.9
Batanes	5	24.9	3	14.9
Cagayan	328	32.1	109	10.7
Isabela	416	33.0	149	11.8
Nueva Vizcaya	143	32.6	41	9.3
Quirino	47	27.0	19	10.9
Tuguegarao City	59	42.0	16	11.4
City of Cauayan	16	13.2	10	8.2
City of Santiago	39	30.2	14	10.8
REGION III - CENTRAL LUZON	4,160	41.7	1,315	13.2
Aurora	44	20.4	16	7.4
Bataan	276	47.6	77	13.3
Bulacan	796	38.5	300	14.5
Nueva Ecija	525	39.2	186	13.9
Pampanga	711	42.7	207	12.4
Tarlac	438	46.0	138	14.5
Zambales	234	46.2	73	14.4
City of Balanga	41	48.8	18	21.4
City of Malolos	99	43.7	32	14.1
City of Meycauayan	88	41.8	28	13.3
City of San Jose Del Monte	152	37.3	35	8.6
Cabanatuan City	149	57.6	34	13.1
City of Gapan	41	39.6	10	9.7
Science City of Muñoz	21	27.6	16	21.0
Palayan City	13	35.8	1	2.8
San Jose City	57	45.4	8	6.4
Angeles City	165	52.0	42	13.2
City of San Fernando	119	45.2	50	19.0
City of Tarlac	67	21.8	15	4.9
Olangapo City	124	55.0	29	12.9
REGION IVA - CALABARZON	4,343	37.3	1,259	10.8
Batangas	647	40.7	216	13.6
Cavite	916	35.5	256	9.9
Laguna	632	40.4	164	10.5
Quezon	534	30.6	158	9.1
Rizal	561	35.1	145	9.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm (C00-C32,C35-C49,C51-C90, C96-C97)		Malignant Neoplasm of the Trachea, Bronchus and Lung (C33-C34)	
	No.	Rate	No.	Rate
Batangas City	122	41.3	37	12.5
Lipa City	103	39.6	45	17.3
City of Tanauan	59	42.1	30	21.4
Cavite City	66	49.0	11	8.2
Tagaytay City	21	34.2	7	11.4
Trece Martires City	40	70.8	12	21.2
City of Calamba	109	32.4	36	10.7
San Pablo City	112	45.0	41	16.5
City of Santa Rosa	101	45.4	28	12.6
Lucena City	92	40.2	27	11.8
City of Antipolo	228	38.6	46	7.8
REGION IVB - MIMAROPA	668	22.7	177	6.0
Marinduque	89	33.4	26	9.8
Occidental Mindoro	98	20.0	24	4.9
Oriental Mindoro	148	20.3	54	7.4
Palawan	121	15.4	14	1.8
Romblon	94	28.7	22	6.7
Calapan City	44	33.1	14	10.5
Puerto Princesa City	74	35.0	23	10.9
REGION V - BICOL	1,374	24.5	311	5.5
Albay	188	21.5	54	6.2
Camarines Norte	161	29.0	41	7.4
Camarines Sur	376	23.6	66	4.1
Catanduanes	65	25.8	14	5.6
Masbate	139	18.1	23	3.0
Sorsogon	152	22.5	38	5.6
Legazpi City	62	33.6	10	5.4
City of Ligao	23	21.6	3	2.8
City of Tabaco	39	30.9	11	8.7
Iriga City	27	25.4	13	12.2
Naga City	70	42.4	25	15.2
City of Masbate	29	33.8	3	3.5
City of Sorsogon	43	38.6	10	9.0
REGION VI - WESTERN VISAYAS	3,030	40.8	738	9.9
Aklan	259	48.2	67	12.5
Antique	206	35.6	44	7.6
Capiz	235	37.6	75	12.0
Guimaras	68	39.4	23	13.3
Iloilo	762	43.0	181	10.2
Negros Occidental	306	28.1	69	6.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm (C00-C32,C35-C49,C51-C90, C96-C97)		Malignant Neoplasm of the Trachea, Bronchus and Lung (C33-C34)	
	No.	Rate	No.	Rate
Roxas City	70	47.0	26	17.5
Iloilo City	303	69.9	75	17.3
City of Passi	30	36.4	10	12.1
Bacolod City	278	54.2	62	12.1
Bago City	56	33.0	17	10.0
Cadiz City	56	33.0	8	4.7
City of Escalante	35	37.0	4	4.2
City of Himamaylan	34	32.1	10	9.4
City of Kabankalan	46	25.7	9	5.0
La Carlota City	29	43.0	11	16.3
Sagay City	47	30.3	6	3.9
San Carlos City	35	24.7	7	4.9
Silay City	70	54.3	13	10.1
City of Sipalay	23	31.0	5	6.7
City of Talisay	37	39.1	9	9.5
City of Victorias	45	46.0	7	7.2
REGION VII - CENTRAL VISAYAS	2,914	42.3	581	8.4
Bohol	439	35.2	86	6.9
Cebu	897	40.9	183	8.3
Negros Oriental	297	34.0	38	4.4
Siquijor	44	47.8	8	8.7
Tagbilaran City	55	60.5	11	12.1
Cebu City	491	55.8	124	14.1
Danao City	44	36.4	12	9.9
Lapu-Lapu City	136	51.2	30	11.3
Mandaue City	163	51.3	31	9.8
City of Talisay	99	54.6	13	7.2
Toledo City	61	35.3	8	4.6
Bais City	16	20.1	8	10.1
City of Bayawan	33	27.9	3	2.5
Canlaon City	15	27.6	4	7.4
Dumaguete City	91	76.2	14	11.7
City of Tanjay	33	40.3	8	9.8
REGION VIII - EASTERN VISAYAS	1,050	24.1	181	4.2
Biliran	48	27.9	15	8.7
Eastern Samar	76	16.8	15	3.3
Leyte	400	26.5	53	3.5
Northern Samar	111	18.0	18	2.9
Samar	85	14.0	12	2.0
Southern Leyte	128	37.5	23	6.7
Ormoc City	55	30.0	9	4.9
Tacloban City	74	34.8	19	8.9
Calbayog City	35	19.5	7	3.9
City of Maasin	38	45.4	10	12.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm (C00-C32,C35-C49,C51-C90, C96-C97)		Malignant Neoplasm of the Trachea, Bronchus and Lung (C33-C34)	
	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	816	24.5	142	4.3
Zamboanga Del Norte	145	18.4	21	2.7
Zamboanga Del Sur	126	14.9	23	2.7
Zamboanga Sibugay	84	14.0	24	4.0
Dapitan City	48	58.9	8	9.8
Dipolog City	60	50.2	8	6.7
Pagadian City	49	28.6	10	5.8
Zamboanga City	304	42.0	48	6.6
REGION X - NORTHERN MINDANAO	1,195	28.0	263	6.2
Bukidnon	181	18.5	34	3.5
Camiguin	28	31.3	11	12.3
Lanao del Norte	92	16.6	18	3.2
Misamis Occidental	101	32.4	20	6.4
Misamis Oriental	218	30.9	53	7.5
City of Malaybalay	35	23.0	6	3.9
City of Valencia	48	26.4	7	3.8
Iligan City	112	33.7	22	6.6
Oroquieta City	35	50.4	7	10.1
Ozamis City	46	35.9	8	6.2
Tangub City	24	41.6	5	8.7
Cagayan de Oro City	240	41.9	66	11.5
Gingoog City	35	27.6	6	4.7
REGION XI - DAVAO	1,431	33.3	315	7.3
Compostela Valley	191	27.6	28	4.0
Davao	118	29.3	28	7.0
Davao Del Sur	165	22.0	30	4.0
Davao Oriental	133	25.7	23	4.4
City of Panabo	43	28.1	12	7.8
Island Garden City of Samal	41	43.4	6	6.4
City of Tagum	71	34.6	12	5.9
Davao City	612	45.9	168	12.6
City of Digos	57	39.2	8	5.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm (C00-C32,C35-C49,C51-C90, C96-C97)		Malignant Neoplasm of the Trachea, Bronchus and Lung (C33-C34)	
	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	892	23.5	227	6.0
Cotabato	198	18.9	52	5.0
Saranggani	86	16.5	24	4.6
South Cotabato	193	27.4	43	6.1
Sultan Kudarat	127	20.2	27	4.3
City of Kidapawan	27	22.0	19	15.5
General Santos City	164	31.9	32	6.2
City of Koronadal	62	37.1	19	11.4
City of Tacurong	35	37.4	11	11.8
REGION XIII - CARAGA	625	25.0	124	5.0
Agusan del Norte	92	27.2	23	6.8
Agusan del Sur	76	11.0	14	2.0
Surigao del Norte	126	29.1	23	5.3
Surigao del Sur	133	28.1	25	5.3
Butuan City	100	31.9	16	5.1
Surigao City	68	48.4	12	8.5
City of Bislig	30	26.3	11	9.6
ARMM	69	1.8	22	0.6
Basilan	2	0.8	1	0.4
Lanao del Sur	9	1.1	1	0.1
Maguindanao	9	0.9	5	0.5
Sulu	-	0.0	2	0.3
Tawi-tawi	1	0.3	2	0.5
City of Isabela	28	31.5	5	5.6
City of Lamitan	5		1	
Marawi City	-	0.0	-	0.0
Cotabato City	15	7.8	5	2.6
FOREIGN COUNTRY	28		9	

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm of Breast (C50)		Leukemia (C91-C95)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	5,651	0.6	2,685	0.3	22,345	2.4
NATIONAL CAPITAL REGION	1,045	9.2	403	3.5	3,447	30.2
City of Manila	167	9.2	74	4.1	595	32.7
City of Mandaluyong	36	11.2	8	2.5	130	40.6
City of Marikina	50	11.1	14	3.1	145	32.2
City of Pasig	62	10.7	21	3.6	179	30.8
Quezon City	246	9.8	95	3.8	736	29.4
San Juan	20	14.8	7	5.2	44	32.5
Kalookan City	107	7.9	38	2.8	296	21.8
City of Malabon	29	7.4	9	2.3	105	26.9
City of Valenzuela	37	6.6	26	4.7	160	28.6
Navotas	16	6.0	9	3.4	83	31.3
City of Las Piñas	55	10.1	22	4.0	176	32.3
City of Makati	48	9.4	21	4.1	158	30.9
City of Muntinlupa	40	9.2	5	1.1	121	27.7
City of Parañaque	50	9.7	18	3.5	180	34.8
Pasay City	34	8.3	6	1.5	151	37.0
City of Taguig	38	7.1	27	5.0	156	29.0
Pateros	10	15.1	3	4.5	32	48.4
CORDILLERA ADMINISTRATIVE REGION	67	4.0	34	2.0	233	14.0
Abra	12	5.0	8	3.3	31	12.9
Apayao	1	0.8	2	1.7	10	8.3
Benguet	16	3.9	10	2.5	61	15.0
Ifugao	4	2.0	3	1.5	11	5.6
Kalinga	1	0.5	-	0.0	16	7.4
Mt. Province	8	4.7	2	1.2	27	15.8
Baguio City	25	8.1	9	2.9	77	25.0
REGION I - ILOCOS	339	6.7	167	3.3	1,280	25.2
Ilocos Norte	36	7.4	16	3.3	94	19.2
Ilocos Sur	31	5.4	19	3.3	125	21.7
La Union	51	7.4	20	2.9	117	17.1
Pangasinan	165	6.9	83	3.5	661	27.5
Laoag City	11	10.1	6	5.5	29	26.5
City of Candon	1	1.7	2	3.4	6	10.3
City of Vigan	2	3.8	2	3.8	18	34.6
City of San Fernando	7	5.6	8	6.4	31	24.8
City of Alaminos	5	5.6	1	1.1	31	34.7
Dagupan City	9	5.7	7	4.4	89	56.1
San Carlos City	11	5.9	3	1.6	49	26.1
City of Urdaneta	10	7.4	-	0.0	30	22.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm of Breast (C50)		Leukemia (C91-C95)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	134	4.1	100	3.0	410	12.4
Batanes	2	10.0	-	0.0	8	39.8
Cagayan	24	2.3	34	3.3	106	10.4
Isabela	52	4.1	34	2.7	147	11.7
Nueva Vizcaya	25	5.7	14	3.2	60	13.7
Quirino	6	3.5	2	1.2	18	10.4
Tuguegarao City	14	10.0	8	5.7	21	14.9
City of Cauayan	4	3.3	2	1.6	17	14.0
City of Santiago	7	5.4	6	4.6	33	25.6
REGION III - CENTRAL LUZON	754	7.6	300	3.0	3,274	32.9
Aurora	5	2.3	5	2.3	26	12.1
Bataan	41	7.1	13	2.2	228	39.3
Bulacan	179	8.7	65	3.1	697	33.7
Nueva Ecija	109	8.1	41	3.1	402	30.0
Pampanga	102	6.1	59	3.5	520	31.2
Tarlac	62	6.5	27	2.8	288	30.3
Zambales	33	6.5	12	2.4	160	31.6
City of Balanga	7	8.3	3	3.6	37	44.0
City of Malolos	27	11.9	7	3.1	80	35.3
City of Meycauayan	17	8.1	2	0.9	84	39.9
City of San Jose Del Monte	27	6.6	11	2.7	117	28.7
Cabanatuan City	28	10.8	2	0.8	113	43.7
City of Gapan	10	9.7	4	3.9	45	43.5
Science City of Muñoz	6	7.9	5	6.6	29	38.1
Palayan City	1	2.8	-	0.0	4	11.0
San Jose City	10	8.0	2	1.6	29	23.1
Angeles City	34	10.7	12	3.8	138	43.5
City of San Fernando	19	7.2	16	6.1	105	39.9
City of Tarlac	21	6.8	8	2.6	66	21.5
Olangapo City	16	7.1	6	2.7	106	47.0
REGION IVA - CALABARZON	898	7.7	369	3.2	3,821	32.8
Batangas	103	6.5	52	3.3	453	28.5
Cavite	185	7.2	93	3.6	839	32.5
Laguna	138	8.8	50	3.2	612	39.1
Quezon	112	6.4	40	2.3	385	22.1
Rizal	139	8.7	51	3.2	539	33.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm of Breast (C50)		Leukemia (C91-C95)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
Batangas City	17	5.8	6	2.0	89	30.2
Lipa City	20	7.7	9	3.5	84	32.3
City of Tanauan	18	12.8	3	2.1	61	43.5
Cavite City	11	8.2	3	2.2	69	51.2
Tagaytay City	4	6.5	-	0.0	10	16.3
Trece Martires City	6	10.6	4	7.1	14	24.8
City of Calamba	26	7.7	5	1.5	171	50.8
San Pablo City	37	14.9	8	3.2	112	45.0
City of Santa Rosa	25	11.2	7	3.1	100	45.0
Lucena City	27	11.8	14	6.1	83	36.2
City of Antipolo	30	5.1	24	4.1	200	33.9
REGION IVB - MIMAROPA	94	3.2	73	2.5	481	16.4
Marinduque	11	4.1	10	3.8	62	23.3
Occidental Mindoro	13	2.7	6	1.2	64	13.1
Oriental Mindoro	31	4.3	22	3.0	118	16.2
Palawan	13	1.7	16	2.0	83	10.6
Romblon	12	3.7	7	2.1	53	16.2
Calapan City	5	3.8	3	2.3	45	33.8
Puerto Princesa City	9	4.3	9	4.3	56	26.5
REGION V - BICOL	284	5.1	185	3.3	1,093	19.5
Albay	57	6.5	30	3.4	178	20.4
Camarines Norte	24	4.3	11	2.0	129	23.3
Camarines Sur	73	4.6	57	3.6	265	16.6
Catanduanes	13	5.2	10	4.0	58	23.1
Masbate	25	3.3	17	2.2	86	11.2
Sorsogon	31	4.6	14	2.1	104	15.4
Legazpi City	12	6.5	12	6.5	45	24.4
City of Ligao	6	5.6	3	2.8	15	14.1
City of Tabaco	7	5.5	6	4.8	32	25.4
Iriga City	10	9.4	9	8.5	25	23.5
Naga City	12	7.3	8	4.8	57	34.6
City of Masbate	6	7.0	1	1.2	37	43.2
City of Sorsogon	8	7.2	7	6.3	62	55.7
REGION VI - WESTERN VISAYAS	466	6.3	247	3.3	1,840	24.8
Aklan	35	6.5	15	2.8	137	25.5
Antique	50	8.6	15	2.6	110	19.0
Capiz	33	5.3	22	3.5	104	16.7
Guimaras	8	4.6	2	1.2	36	20.9
Iloilo	106	6.0	66	3.7	419	23.6
Negros Occidental	62	5.7	24	2.2	207	19.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm of Breast (C50)		Leukemia (C91-C95)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	11	7.4	8	5.4	59	39.6
Iloilo City	43	9.9	26	6.0	202	46.6
City of Passi	5	6.1	1	1.2	24	29.1
Bacolod City	41	8.0	20	3.9	192	37.4
Bago City	13	7.7	6	3.5	49	28.9
Cadiz City	5	2.9	5	2.9	60	35.3
City of Escalante	4	4.2	2	2.1	15	15.9
City of Himamaylan	6	5.7	3	2.8	21	19.8
City of Kabankalan	14	7.8	7	3.9	25	14.0
La Carlota City	3	4.4	1	1.5	15	22.2
Sagay City	2	1.3	5	3.2	37	23.8
San Carlos City	5	3.5	5	3.5	22	15.6
Silay City	7	5.4	4	3.1	45	34.9
City of Sipalay	3	4.0	-	0.0	13	17.5
City of Talisay	6	6.3	6	6.3	24	25.3
City of Victorias	4	4.1	4	4.1	24	24.5
REGION VII - CENTRAL VISAYAS	505	7.3	227	3.3	1,795	26.0
Bohol	62	5.0	35	2.8	289	23.1
Cebu	172	7.8	81	3.7	475	21.6
Negros Oriental	64	7.3	24	2.7	153	17.5
Siquijor	12	13.0	2	2.2	13	14.1
Tagbilaran City	12	13.2	2	2.2	55	60.5
Cebu City	84	9.5	38	4.3	332	37.7
Danao City	8	6.6	5	4.1	24	19.9
Lapu-Lapu City	16	6.0	7	2.6	98	36.9
Mandaue City	16	5.0	10	3.1	115	36.2
City of Talisay	18	9.9	4	2.2	65	35.9
Toledo City	5	2.9	7	4.1	55	31.8
Bais City	4	5.0	2	2.5	11	13.8
City of Bayawan	3	2.5	3	2.5	12	10.1
Canlaon City	3	5.5	-	0.0	6	11.0
Dumaguete City	19	15.9	4	3.3	69	57.8
City of Tanjay	7	8.5	3	3.7	23	28.1
REGION VIII - EASTERN VISAYAS	159	3.6	105	2.4	866	19.9
Biliran	3	1.7	3	1.7	41	23.8
Eastern Samar	7	1.5	6	1.3	76	16.8
Leyte	68	4.5	48	3.2	292	19.4
Northern Samar	20	3.2	11	1.8	103	16.7
Samar	13	2.1	3	0.5	74	12.2
Southern Leyte	18	5.3	15	4.4	110	32.2
Ormoc City	9	4.9	6	3.3	57	31.1
Tacloban City	9	4.2	6	2.8	63	29.6
Calbayog City	6	3.3	4	2.2	31	17.2
City of Maasin	6	7.2	3	3.6	19	22.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm of Breast (C50)		Leukemia (C91-C95)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	135	4.1	60	1.8	514	15.4
Zamboanga Del Norte	26	3.3	11	1.4	90	11.4
Zamboanga Del Sur	17	2.0	16	1.9	98	11.6
Zamboanga Sibugay	18	3.0	3	0.5	58	9.6
Dapitan City	5	6.1	3	3.7	11	13.5
Dipolog City	6	5.0	-	0.0	34	28.5
Pagadian City	12	7.0	3	1.8	39	22.8
Zamboanga City	51	7.1	24	3.3	184	25.4
REGION X - NORTHERN MINDANAO	259	6.1	118	2.8	957	22.5
Bukidnon	30	3.1	18	1.8	89	9.1
Camiguin	9	10.1	3	3.4	24	26.8
Lanao del Norte	19	3.4	4	0.7	92	16.6
Misamis Occidental	33	10.6	6	1.9	101	32.4
Misamis Oriental	37	5.2	18	2.6	142	20.1
City of Malaybalay	7	4.6	9	5.9	19	12.5
City of Valencia	4	2.2	5	2.7	32	17.6
Iligan City	26	7.8	9	2.7	103	31.0
Oroquieta City	8	11.5	4	5.8	29	41.8
Ozamis City	7	5.5	5	3.9	44	34.4
Tangub City	6	10.4	2	3.5	13	22.6
Cagayan de Oro City	64	11.2	29	5.1	232	40.5
Gingoog City	9	7.1	6	4.7	37	29.2
REGION XI - DAVAO	231	5.4	148	3.4	1,072	25.0
Compostela Valley	26	3.8	13	1.9	105	15.2
Davao	15	3.7	12	3.0	71	17.6
Davao Del Sur	29	3.9	15	2.0	107	14.3
Davao Oriental	15	2.9	11	2.1	105	20.3
City of Panabo	4	2.6	3	2.0	57	37.2
Island Garden City of Samal	6	6.4	5	5.3	19	20.1
City of Tagum	24	11.7	8	3.9	58	28.3
Davao City	105	7.9	78	5.9	487	36.6
City of Digos	7	4.8	3	2.1	63	43.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Malignant Neoplasm of Breast (C50)		Leukemia (C91-C95)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	158	4.2	85	2.2	724	19.1
Cotabato	34	3.2	15	1.4	139	13.3
Saranggani	12	2.3	7	1.3	53	10.2
South Cotabato	35	5.0	17	2.4	161	22.8
Sultan Kudarat	15	2.4	17	2.7	90	14.3
City of Kidapawan	7	5.7	3	2.4	33	26.9
General Santos City	36	7.0	16	3.1	180	35.0
City of Koronadal	13	7.8	6	3.6	48	28.8
City of Tacurong	6	6.4	4	4.3	20	21.4
REGION XIII - CARAGA	98	3.9	53	2.1	475	19.0
Agusan del Norte	14	4.1	9	2.7	73	21.6
Agusan del Sur	13	1.9	9	1.3	48	7.0
Surigao del Norte	24	5.5	9	2.1	94	21.7
Surigao del Sur	16	3.4	10	2.1	83	17.5
Butuan City	14	4.5	9	2.9	120	38.3
Surigao City	9	6.4	6	4.3	44	31.3
City of Bislig	8	7.0	1	0.9	13	11.4
ARMM	22	0.6	10	0.3	57	1.5
Basilan	1	0.4	-	0.0	2	0.8
Lanao del Sur	1	0.1	4	0.5	4	0.5
Maguindanao	4	0.4	3	0.3	4	0.4
Sulu	-	0.0	-	0.0	1	0.1
Tawi-tawi	1	0.3	-	0.0	3	0.8
City of Isabela	2	2.2	1	1.1	15	16.9
City of Lamitan	3		1		5	
Marawi City	-	0.0	-	0.0	-	0.0
Cotabato City	10	5.2	1	0.5	23	12.0
FOREIGN COUNTRY	3		1		6	

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Nutritional Deficiency (E40-E64)		Diseases of the Heart (I00-I09,I11, I13, I20-I52)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	2,443	0.3	100,908	10.9	56,670	6.1
NATIONAL CAPITAL REGION	172	1.5	15,985	140.2	7,128	62.5
City of Manila	22	1.2	2,729	149.9	1,254	68.9
City of Mandaluyong	4	1.2	354	110.4	232	72.4
City of Marikina	4	0.9	763	169.4	278	61.7
City of Pasig	5	0.9	862	148.3	465	80.0
Quezon City	67	2.7	3,506	140.1	1,397	55.8
San Juan	2	1.5	175	129.2	60	44.3
Kalookan City	16	1.2	2,159	159.3	974	71.9
City of Malabon	2	0.5	608	155.9	182	46.7
City of Valenzuela	4	0.7	747	133.7	409	73.2
Navotas	14	5.3	477	179.8	148	55.8
City of Las Piñas	-	0.0	575	105.7	293	53.8
City of Makati	8	1.6	662	129.3	258	50.4
City of Muntinlupa	2	0.5	483	110.6	262	60.0
City of Parañaque	10	1.9	662	127.8	288	55.6
Pasay City	1	0.2	515	126.1	215	52.6
City of Taguig	11	2.0	627	116.5	367	68.2
Pateros	-	0.0	81	122.6	46	69.6
CORDILLERA ADMINISTRATIVE REGION	14	0.8	1,171	70.6	1,005	60.5
Abra	3	1.2	217	90.2	252	104.7
Apayao	3	2.5	37	30.7	44	36.5
Benguet	-	0.0	311	76.5	262	64.4
Ifugao	1	0.5	72	36.5	75	38.0
Kalinga	1	0.5	83	38.6	84	39.1
Mt. Province	-	0.0	130	76.0	100	58.5
Baguio City	6	1.9	321	104.1	188	61.0
REGION I - ILOCOS	108	2.1	7,044	138.9	4,053	79.9
Ilocos Norte	42	8.6	822	168.1	408	83.5
Ilocos Sur	20	3.5	609	105.6	482	83.5
La Union	12	1.8	933	136.1	552	80.6
Pangasinan	22	0.9	3,347	139.1	1,906	79.2
Laoag City	1	0.9	186	169.9	96	87.7
City of Candon	-	0.0	217	372.6	34	58.4
City of Vigan	4	7.7	55	105.8	30	57.7
City of San Fernando	-	0.0	136	108.7	88	70.3
City of Alaminos	-	0.0	113	126.4	77	86.2
Dagupan City	-	0.0	158	99.6	160	100.9
San Carlos City	6	3.2	364	193.9	135	71.9
City of Urdaneta	1	0.7	104	76.6	85	62.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Nutritional Deficiency (E40-E64)		Diseases of the Heart (I00-I09, I11, I13, I20-I52)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	71	2.1	3,474	105.0	1,957	59.2
Batanes	-	0.0	12	59.7	9	44.8
Cagayan	38	3.7	1,209	118.3	642	62.8
Isabela	22	1.7	1,126	89.3	630	50.0
Nueva Vizcaya	5	1.1	339	77.2	323	73.6
Quirino	4	2.3	154	88.6	77	44.3
Tuguegarao City	-	0.0	275	195.8	136	96.8
City of Cauayan	-	0.0	154	126.8	56	46.1
City of Santiago	2	1.5	205	158.8	84	65.1
REGION III - CENTRAL LUZON	223	2.2	14,121	141.7	7,076	71.0
Aurora	4	1.9	168	78.0	114	52.9
Bataan	24	4.1	575	99.1	311	53.6
Bulacan	24	1.2	2,865	138.7	1,412	68.3
Nueva Ecija	23	1.7	2,004	149.8	1,042	77.9
Pampanga	34	2.0	1,915	115.0	1,115	67.0
Tarlac	18	1.9	1,229	129.1	861	90.5
Zambales	18	3.6	860	170.0	311	61.5
City of Balanga	1	1.2	66	78.5	60	71.4
City of Malolos	1	0.4	381	168.3	146	64.5
City of Meycauayan	2	0.9	312	148.2	156	74.1
City of San Jose Del Monte	5	1.2	496	121.6	333	81.6
Cabanatuan City	39	15.1	397	153.5	272	105.1
City of Gapan	1	1.0	131	126.5	84	81.1
Science City of Muñoz	2	2.6	77	101.1	66	86.7
Palayan City	-	0.0	41	113.0	40	110.3
San Jose City	1	0.8	302	240.3	92	73.2
Angeles City	9	2.8	489	154.0	212	66.7
City of San Fernando	3	1.1	332	126.2	161	61.2
City of Tarlac	5	1.6	1,202	390.9	128	41.6
Olangapo City	9	4.0	279	123.8	160	71.0
REGION IVA - CALABARZON	481	4.1	14,783	126.9	7,938	68.1
Batangas	75	4.7	2,205	138.7	1,093	68.7
Cavite	64	2.5	3,065	118.9	1,374	53.3
Laguna	49	3.1	2,089	133.4	1,201	76.7
Quezon	38	2.2	2,151	123.4	1,366	78.4
Rizal	25	1.6	2,104	131.5	1,009	63.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Nutritional Deficiency (E40-E64)		Diseases of the Heart (I00-I09,I11, I13, I20-I52)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
Batangas City	63	21.3	278	94.2	165	55.9
Lipa City	14	5.4	386	148.2	180	69.1
City of Tanauan	3	2.1	175	124.9	117	83.5
Cavite City	9	6.7	219	162.6	87	64.6
Tagaytay City	-	0.0	63	102.6	33	53.7
Trece Martires City	2	3.5	72	127.5	68	120.4
City of Calamba	7	2.1	359	106.6	262	77.8
San Pablo City	73	29.3	323	129.7	267	107.2
City of Santa Rosa	33	14.8	311	139.9	130	58.5
Lucena City	7	3.1	325	141.9	218	95.2
City of Antipolo	19	3.2	658	111.5	368	62.3
REGION IVB - MIMAROPA	68	2.3	2,187	74.4	1,510	51.3
Marinduque	12	4.5	205	77.0	219	82.2
Occidental Mindoro	8	1.6	454	92.7	250	51.1
Oriental Mindoro	15	2.1	562	77.2	354	48.6
Palawan	4	0.5	289	36.8	226	28.8
Romblon	22	6.7	316	96.4	230	70.1
Calapan City	1	0.8	176	132.4	83	62.4
Puerto Princesa City	6	2.8	185	87.4	148	69.9
REGION V - BICOL	157	2.8	6,724	120.0	4,201	75.0
Albay	15	1.7	1,045	119.6	679	77.7
Camarines Norte	12	2.2	815	147.0	405	73.0
Camarines Sur	49	3.1	1,887	118.3	1,076	67.4
Catanduanes	14	5.6	325	129.2	260	103.4
Masbate	19	2.5	415	54.1	327	42.6
Sorsogon	24	3.5	762	112.7	541	80.0
Legazpi City	2	1.1	269	145.6	178	96.3
City of Ligao	5	4.7	107	100.3	84	78.8
City of Tabaco	3	2.4	187	148.3	118	93.6
Iriga City	4	3.8	266	250.0	108	101.5
Naga City	5	3.0	309	187.3	160	97.0
City of Masbate	2	2.3	125	145.9	100	116.7
City of Sorsogon	3	2.7	212	190.5	165	148.3
REGION VI - WESTERN VISAYAS	338	4.5	8,843	119.0	4,910	66.1
Aklan	28	5.2	615	114.4	381	70.9
Antique	14	2.4	647	111.7	426	73.6
Capiz	20	3.2	753	120.6	455	72.9
Guimaras	6	3.5	214	124.0	116	67.2
Iloilo	24	1.4	2,499	141.0	1,091	61.6
Negros Occidental	76	7.0	913	83.8	622	57.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
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Philippines, 2009

AREA	Nutritional Deficiency (E40-E64)		Diseases of the Heart (I00-I09, I11, I13, I20-I52)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	1	0.7	262	176.1	90	60.5
Iloilo City	4	0.9	883	203.7	425	98.0
City of Passi	-	0.0	122	148.2	37	44.9
Bacolod City	90	17.5	584	113.8	266	51.8
Bago City	2	1.2	155	91.4	112	66.1
Cadiz City	37	21.8	150	88.3	81	47.7
City of Escalante	10	10.6	83	87.7	82	86.7
City of Himamaylan	2	1.9	109	102.7	76	71.6
City of Kabankalan	2	1.1	179	99.9	124	69.2
La Carlota City	1	1.5	49	72.6	112	166.0
Sagay City	1	0.6	97	62.5	103	66.4
San Carlos City	-	0.0	201	142.1	78	55.1
Silay City	6	4.7	137	106.3	63	48.9
City of Sipalay	9	12.1	54	72.7	37	49.8
City of Talisay	3	3.2	61	64.4	71	75.0
City of Victorias	2	2.0	76	77.7	62	63.4
REGION VII - CENTRAL VISAYAS	248	3.6	7,824	113.5	4,602	66.8
Bohol	37	3.0	1,260	100.9	854	68.4
Cebu	65	3.0	2,635	120.1	1,471	67.0
Negros Oriental	103	11.8	711	81.4	476	54.5
Siquijor	-	0.0	113	122.7	79	85.8
Tagbilaran City	1	1.1	78	85.8	64	70.4
Cebu City	15	1.7	1,235	140.4	675	76.7
Danao City	1	0.8	299	247.3	78	64.5
Lapu-Lapu City	4	1.5	333	125.4	218	82.1
Mandaue City	6	1.9	289	90.9	211	66.4
City of Talisay	4	2.2	205	113.1	132	72.8
Toledo City	1	0.6	209	121.0	49	28.4
Bais City	-	0.0	91	114.4	56	70.4
City of Bayawan	2	1.7	29	24.5	73	61.7
Canlaon City	4	7.4	33	60.7	50	92.0
Dumaguete City	2	1.7	205	171.7	64	53.6
City of Tanjay	3	3.7	99	120.8	52	63.5
REGION VIII - EASTERN VISAYAS	149	3.4	3,770	86.5	2,256	51.8
Biliran	6	3.5	107	62.2	89	51.7
Eastern Samar	4	0.9	239	52.9	164	36.3
Leyte	92	6.1	1,322	87.7	749	49.7
Northern Samar	23	3.7	550	89.0	419	67.8
Samar	9	1.5	292	48.0	159	26.1
Southern Leyte	7	2.1	342	100.2	303	88.8
Ormoc City	6	3.3	182	99.2	103	56.1
Tacloban City	2	0.9	463	217.9	95	44.7
Calbayog City	-	0.0	139	77.3	119	66.2
City of Maasin	-	0.0	134	160.2	56	66.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Nutritional Deficiency (E40-E64)		Diseases of the Heart (I00-I09,I11, I13, I20-I52)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	69	2.1	2,605	78.2	1,469	44.1
Zamboanga Del Norte	10	1.3	489	62.0	338	42.8
Zamboanga Del Sur	20	2.4	407	48.2	249	29.5
Zamboanga Sibugay	10	1.7	214	35.6	173	28.8
Dapitan City	-	0.0	84	103.0	80	98.1
Dipolog City	2	1.7	175	146.5	93	77.9
Pagadian City	2	1.2	255	148.9	75	43.8
Zamboanga City	25	3.5	981	135.6	461	63.7
REGION X - NORTHERN MINDANAO	126	3.0	3,785	88.8	2,207	51.8
Bukidnon	5	0.5	589	60.2	391	40.0
Camiguin	2	2.2	122	136.5	63	70.5
Lanao del Norte	13	2.3	255	45.9	121	21.8
Misamis Occidental	9	2.9	343	110.0	178	57.1
Misamis Oriental	44	6.2	605	85.8	378	53.6
City of Malaybalay	7	4.6	171	112.4	81	53.3
City of Valencia	5	2.7	90	49.5	105	57.7
Iligan City	11	3.3	424	127.7	314	94.6
Oroquieta City	3	4.3	183	263.7	38	54.8
Ozamis City	2	1.6	256	199.9	86	67.2
Tangub City	12	20.8	36	62.5	21	36.4
Cagayan de Oro City	11	1.9	569	99.5	369	64.5
Gingoog City	2	1.6	142	112.0	62	48.9
REGION XI - DAVAO	107	2.5	3,695	86.1	2,946	68.6
Compostela Valley	15	2.2	450	65.0	336	48.5
Davao	9	2.2	434	107.8	211	52.4
Davao Del Sur	7	0.9	679	90.6	362	48.3
Davao Oriental	13	2.5	254	49.1	291	56.2
City of Panabo	36	23.5	150	98.0	115	75.1
Island Garden City of Samal	1	1.1	111	117.6	88	93.2
City of Tagum	2	1.0	324	158.0	155	75.6
Davao City	21	1.6	1,064	79.9	1,283	96.3
City of Digos	3	2.1	229	157.6	105	72.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Nutritional Deficiency (E40-E64)		Diseases of the Heart (I00-I09,I11, I13, I20-I52)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	69	1.8	2,631	69.2	1,677	44.1
Cotabato	9	0.9	640	61.1	403	38.5
Saranggani	4	0.8	313	60.1	242	46.5
South Cotabato	33	4.7	621	88.0	318	45.1
Sultan Kudarat	-	0.0	255	40.5	167	26.5
City of Kidapawan	1	0.8	149	121.4	59	48.1
General Santos City	18	3.5	373	72.6	309	60.1
City of Koronadal	2	1.2	174	104.2	132	79.1
City of Tacurong	2	2.1	106	113.4	47	50.3
REGION XIII - CARAGA	36	1.4	1,855	74.2	1,523	60.9
Agusan del Norte	-	0.0	268	79.2	248	73.3
Agusan del Sur	6	0.9	278	40.4	232	33.7
Surigao del Norte	16	3.7	339	78.3	272	62.8
Surigao del Sur	5	1.1	324	68.4	261	55.1
Butuan City	5	1.6	374	119.4	283	90.4
Surigao City	4	2.8	136	96.7	148	105.3
City of Bislig	-	0.0	136	119.2	79	69.2
ARMM	7	0.2	340	9.1	202	5.4
Basilan	1	0.4	17	6.9	7	2.9
Lanao del Sur	-	0.0	18	2.2	9	1.1
Maguindanao	4	0.4	29	2.8	37	3.5
Sulu	-	0.0	18	2.5	13	1.8
Tawi-tawi	-	0.0	19	4.8	14	3.5
City of Isabela	2	2.2	110	123.6	52	58.4
City of Lamitan	-		57		12	
Marawi City	-	0.0	-	0.0	-	0.0
Cotabato City	-	0.0	72	37.5	58	30.2
FOREIGN COUNTRY	-		71		10	

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SELECTED CAUSES OF DEATH
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Philippines, 2009

AREA	Pneumonia (J12-J18)		Chronic Lower Resp. Dis. (J40-J47)		Gastric, Duodenal and Peptic Ulcer (K25-K28)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	42,642	4.6	22,755	2.5	6,370	0.7
NATIONAL CAPITAL REGION	5,598	49.1	2,712	23.8	316	2.8
City of Manila	1,464	80.4	516	28.4	60	3.3
City of Mandaluyong	131	40.9	61	19.0	14	4.4
City of Marikina	167	37.1	123	27.3	13	2.9
City of Pasig	199	34.2	121	20.8	14	2.4
Quezon City	1,197	47.8	586	23.4	71	2.8
San Juan	45	33.2	37	27.3	4	3.0
Kalookan City	709	52.3	262	19.3	35	2.6
City of Malabon	216	55.4	106	27.2	7	1.8
City of Valenzuela	257	46.0	115	20.6	13	2.3
Navotas	163	61.5	118	44.5	7	2.6
City of Las Piñas	180	33.1	108	19.8	20	3.7
City of Makati	195	38.1	84	16.4	14	2.7
City of Muntinlupa	103	23.6	88	20.2	7	1.6
City of Parañaque	204	39.4	158	30.5	13	2.5
Pasay City	188	46.0	74	18.1	8	2.0
City of Taguig	161	29.9	137	25.5	14	2.6
Pateros	19	28.8	18	27.2	2	3.0
CORDILLERA ADMINISTRATIVE REGION	634	38.2	270	16.3	155	9.3
Abra	242	100.5	77	32.0	28	11.6
Apayao	35	29.0	19	15.8	10	8.3
Benguet	108	26.6	44	10.8	23	5.7
Ifugao	63	31.9	20	10.1	38	19.3
Kalinga	45	20.9	24	11.2	16	7.4
Mt. Province	74	43.3	24	14.0	21	12.3
Baguio City	67	21.7	62	20.1	19	6.2
REGION I - ILOCOS	3,234	63.7	1,821	35.9	399	7.9
Ilocos Norte	346	70.8	211	43.2	58	11.9
Ilocos Sur	477	82.7	200	34.7	42	7.3
La Union	464	67.7	225	32.8	35	5.1
Pangasinan	1,404	58.4	878	36.5	203	8.4
Laoag City	127	116.0	35	32.0	10	9.1
City of Candon	21	36.1	7	12.0	1	1.7
City of Vigan	34	65.4	12	23.1	5	9.6
City of San Fernando	133	106.3	40	32.0	7	5.6
City of Alaminos	45	50.4	52	58.2	10	11.2
Dagupan City	42	26.5	63	39.7	9	5.7
San Carlos City	61	32.5	49	26.1	12	6.4
City of Urdaneta	80	58.9	49	36.1	7	5.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Pneumonia (J12-J18)		Chronic Lower Resp. Dis. (J40-J47)		Gastric, Duodenal and Peptic Ulcer (K25-K28)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	2,078	62.8	1,146	34.7	333	10.1
Batanes	17	84.6	9	44.8	2	10.0
Cagayan	768	75.1	402	39.3	140	13.7
Isabela	817	64.8	412	32.7	119	9.4
Nueva Vizcaya	178	40.5	162	36.9	29	6.6
Quirino	69	39.7	59	33.9	24	13.8
Tuguegarao City	42	29.9	40	28.5	10	7.1
City of Cauayan	155	127.6	16	13.2	8	6.6
City of Santiago	32	24.8	46	35.6	1	0.8
REGION III - CENTRAL LUZON	3,360	33.7	3,456	34.7	419	4.2
Aurora	28	13.0	60	27.9	9	4.2
Bataan	177	30.5	234	40.3	27	4.7
Bulacan	623	30.2	622	30.1	63	3.0
Nueva Ecija	688	51.4	659	49.2	85	6.4
Pampanga	393	23.6	463	27.8	27	1.6
Tarlac	406	42.7	433	45.5	57	6.0
Zambales	311	61.5	191	37.8	42	8.3
City of Balanga	25	29.7	36	42.8	4	4.8
City of Malolos	89	39.3	67	29.6	7	3.1
City of Meycauayan	96	45.6	36	17.1	3	1.4
City of San Jose Del Monte	137	33.6	92	22.6	20	4.9
Cabanatuan City	62	24.0	110	42.5	11	4.3
City of Gapan	40	38.6	54	52.2	5	4.8
Science City of Muñoz	40	52.5	24	31.5	6	7.9
Palayan City	8	22.1	19	52.4	2	5.5
San Jose City	42	33.4	60	47.7	12	9.5
Angeles City	46	14.5	95	29.9	13	4.1
City of San Fernando	44	16.7	63	23.9	6	2.3
City of Tarlac	27	8.8	54	17.6	10	3.3
Olangapo City	78	34.6	84	37.3	10	4.4
REGION IVA - CALABARZON	4,350	37.3	3,113	26.7	505	4.3
Batangas	576	36.2	450	28.3	78	4.9
Cavite	1,021	39.6	624	24.2	89	3.5
Laguna	513	32.8	459	29.3	72	4.6
Quezon	649	37.2	451	25.9	75	4.3
Rizal	634	39.6	345	21.6	69	4.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Pneumonia (J12-J18)		Chronic Lower Resp. Dis. (J40-J47)		Gastric, Duodenal and Peptic Ulcer (K25-K28)	
	No.	Rate	No.	Rate	No.	Rate
Batangas City	61	20.7	64	21.7	11	3.7
Lipa City	60	23.0	78	30.0	18	6.9
City of Tanauan	42	30.0	53	37.8	7	5.0
Cavite City	59	43.8	33	24.5	5	3.7
Tagaytay City	29	47.2	16	26.1	-	0.0
Trece Martires City	26	46.0	27	47.8	1	1.8
City of Calamba	110	32.7	113	33.6	23	6.8
San Pablo City	78	31.3	121	48.6	12	4.8
City of Santa Rosa	112	50.4	68	30.6	4	1.8
Lucena City	120	52.4	51	22.3	13	5.7
City of Antipolo	260	44.0	160	27.1	28	4.7
REGION IVB - MIMAROPA	959	32.6	779	26.5	204	6.9
Marinduque	102	38.3	120	45.1	25	9.4
Occidental Mindoro	134	27.4	122	24.9	26	5.3
Oriental Mindoro	139	19.1	225	30.9	52	7.1
Palawan	282	35.9	113	14.4	49	6.2
Romblon	190	57.9	105	32.0	33	10.1
Calapan City	28	21.1	47	35.3	1	0.8
Puerto Princesa City	84	39.7	47	22.2	18	8.5
REGION V - BICOL	3,208	57.2	1,516	27.0	421	7.5
Albay	635	72.7	267	30.6	39	4.5
Camarines Norte	275	49.6	204	36.8	55	9.9
Camarines Sur	834	52.3	373	23.4	148	9.3
Catanduanes	184	73.2	88	35.0	28	11.1
Masbate	266	34.7	116	15.1	65	8.5
Sorsogon	368	54.4	183	27.1	42	6.2
Legazpi City	110	59.5	60	32.5	6	3.2
City of Ligao	173	162.2	27	25.3	3	2.8
City of Tabaco	83	65.8	32	25.4	6	4.8
Iriga City	24	22.6	35	32.9	5	4.7
Naga City	152	92.1	44	26.7	6	3.6
City of Masbate	48	56.0	34	39.7	5	5.8
City of Sorsogon	56	50.3	53	47.6	13	11.7
REGION VI - WESTERN VISAYAS	6,054	81.5	2,399	32.3	654	8.8
Aklan	500	93.0	198	36.8	47	8.7
Antique	823	142.1	165	28.5	61	10.5
Capiz	565	90.5	227	36.3	56	9.0
Guimaras	81	46.9	33	19.1	12	7.0
Iloilo	1,801	101.6	462	26.1	180	10.2
Negros Occidental	711	65.2	327	30.0	108	9.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Pneumonia (J12-J18)		Chronic Lower Resp. Dis. (J40-J47)		Gastric, Duodenal and Peptic Ulcer (K25-K28)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	70	47.0	64	43.0	9	6.0
Iloilo City	262	60.4	163	37.6	16	3.7
City of Passi	76	92.3	17	20.6	7	8.5
Bacolod City	174	33.9	123	24.0	26	5.1
Bago City	124	73.1	93	54.9	19	11.2
Cadiz City	85	50.1	39	23.0	12	7.1
City of Escalante	72	76.1	35	37.0	16	16.9
City of Himamaylan	43	40.5	84	79.2	11	10.4
City of Kabankalan	143	79.8	52	29.0	20	11.2
La Carlota City	35	51.9	26	38.5	7	10.4
Sagay City	58	37.4	54	34.8	11	7.1
San Carlos City	91	64.3	54	38.2	19	13.4
Silay City	70	54.3	70	54.3	9	7.0
City of Sipalay	35	47.1	46	62.0	1	1.3
City of Talisay	109	115.1	15	15.8	4	4.2
City of Victorias	126	128.9	52	53.2	3	3.1
REGION VII - CENTRAL VISAYAS	4,044	58.7	1,460	21.2	786	11.4
Bohol	777	62.2	246	19.7	214	17.1
Cebu	1,309	59.7	467	21.3	243	11.1
Negros Oriental	468	53.6	179	20.5	105	12.0
Siquijor	44	47.8	24	26.1	12	13.0
Tagbilaran City	40	44.0	22	24.2	14	15.4
Cebu City	505	57.4	214	24.3	63	7.2
Danao City	26	21.5	28	23.2	7	5.8
Lapu-Lapu City	280	105.4	47	17.7	21	7.9
Mandaue City	106	33.3	69	21.7	20	6.3
City of Talisay	114	62.9	33	18.2	15	8.3
Toledo City	124	71.8	20	11.6	14	8.1
Bais City	31	39.0	23	28.9	7	8.8
City of Bayawan	37	31.3	12	10.1	14	11.8
Canlaon City	48	88.3	15	27.6	11	20.2
Dumaguete City	54	45.2	35	29.3	15	12.6
City of Tanjay	81	98.9	26	31.7	11	13.4
REGION VIII - EASTERN VISAYAS	2,688	61.7	959	22.0	517	11.9
Biliran	102	59.3	44	25.6	42	24.4
Eastern Samar	178	39.4	51	11.3	29	6.4
Leyte	989	65.6	305	20.2	191	12.7
Northern Samar	445	72.0	174	28.2	63	10.2
Samar	235	38.6	107	17.6	45	7.4
Southern Leyte	269	78.8	132	38.7	81	23.7
Ormoc City	123	67.0	38	20.7	27	14.7
Tacloban City	120	56.5	36	16.9	14	6.6
Calbayog City	132	73.4	42	23.3	20	11.1
City of Maasin	95	113.6	30	35.9	5	6.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Pneumonia (J12-J18)		Chronic Lower Resp. Dis. (J40-J47)		Gastric, Duodenal and Peptic Ulcer (K25-K28)	
	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	756	22.7	540	16.2	275	8.3
Zamboanga Del Norte	172	21.8	113	14.3	79	10.0
Zamboanga Del Sur	136	16.1	84	10.0	78	9.2
Zamboanga Sibugay	118	19.6	60	10.0	33	5.5
Dapitan City	40	49.0	14	17.2	7	8.6
Dipolog City	64	53.6	31	26.0	14	11.7
Pagadian City	23	13.4	23	13.4	22	12.8
Zamboanga City	203	28.1	215	29.7	42	5.8
REGION X - NORTHERN MINDANAO	1,746	41.0	756	17.7	422	9.9
Bukidnon	351	35.9	99	10.1	79	8.1
Camiguin	84	94.0	28	31.3	8	8.9
Lanao del Norte	148	26.6	47	8.5	59	10.6
Misamis Occidental	209	67.0	71	22.8	74	23.7
Misamis Oriental	320	45.4	142	20.1	46	6.5
City of Malaybalay	54	35.5	28	18.4	26	17.1
City of Valencia	66	36.3	31	17.0	13	7.1
Iligan City	151	45.5	52	15.7	23	6.9
Oroquieta City	24	34.6	23	33.1	15	21.6
Ozamis City	52	40.6	30	23.4	16	12.5
Tangub City	35	60.7	24	41.6	9	15.6
Cagayan de Oro City	196	34.3	135	23.6	35	6.1
Gingoog City	56	44.2	46	36.3	19	15.0
REGION XI - DAVAO	1,845	43.0	710	16.5	446	10.4
Compostela Valley	257	37.1	84	12.1	51	7.4
Davao	151	37.5	70	17.4	39	9.7
Davao Del Sur	198	26.4	114	15.2	66	8.8
Davao Oriental	335	64.7	60	11.6	76	14.7
City of Panabo	95	62.1	34	22.2	16	10.5
Island Garden City of Samal	50	53.0	22	23.3	8	8.5
City of Tagum	73	35.6	47	22.9	20	9.8
Davao City	598	44.9	232	17.4	160	12.0
City of Digos	88	60.5	47	32.3	10	6.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Pneumonia (J12-J18)		Chronic Lower Resp. Dis. (J40-J47)		Gastric, Duodenal and Peptic Ulcer (K25-K28)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	1,150	30.3	588	15.5	276	7.3
Cotabato	219	20.9	146	13.9	65	6.2
Saranggani	55	10.6	52	10.0	34	6.5
South Cotabato	286	40.5	159	22.5	74	10.5
Sultan Kudarat	288	45.7	96	15.2	41	6.5
City of Kidapawan	60	48.9	35	28.5	6	4.9
General Santos City	118	23.0	45	8.8	39	7.6
City of Koronadal	60	35.9	19	11.4	12	7.2
City of Tacurong	64	68.4	36	38.5	5	5.3
REGION XIII - CARAGA	864	34.5	469	18.7	220	8.8
Agusan del Norte	170	50.3	92	27.2	36	10.6
Agusan del Sur	82	11.9	94	13.7	31	4.5
Surigao del Norte	94	21.7	92	21.2	46	10.6
Surigao del Sur	195	41.2	93	19.6	60	12.7
Butuan City	219	69.9	55	17.6	18	5.7
Surigao City	60	42.7	20	14.2	18	12.8
City of Bislig	44	38.6	23	20.2	11	9.6
ARMM	71	1.9	50	1.3	22	0.6
Basilan	5	2.0	3	1.2	3	1.2
Lanao del Sur	6	0.7	1	0.1	2	0.2
Maguindanao	14	1.3	16	1.5	4	0.4
Sulu	1	0.1	-	0.0	-	0.0
Tawi-tawi	6	1.5	3	0.8	2	0.5
City of Isabela	22	24.7	8	9.0	5	5.6
City of Lamitan	8		9		3	
Marawi City	-	0.0	-	0.0	-	0.0
Cotabato City	9	4.7	10	5.2	3	1.6
FOREIGN COUNTRY	3		11		-	

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Liver Disease (K70,K73-K74)		Acute Pancreatitis (K85)		Nephritis, Nephrotic Syndrome & Nephrosis (N00-N07,N17, N19, N25-N27)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	7,053	0.8	2,318	0.3	13,799	1.5
NATIONAL CAPITAL REGION	1,026	9.0	360	3.2	1,453	12.7
City of Manila	243	13.4	44	2.4	257	14.1
City of Mandaluyong	22	6.9	14	4.4	47	14.7
City of Marikina	37	8.2	9	2.0	61	13.5
City of Pasig	63	10.8	11	1.9	68	11.7
Quezon City	178	7.1	76	3.0	289	11.5
San Juan	21	15.5	5	3.7	17	12.5
Kalookan City	113	8.3	41	3.0	148	10.9
City of Malabon	41	10.5	7	1.8	51	13.1
City of Valenzuela	38	6.8	34	6.1	76	13.6
Navotas	21	7.9	22	8.3	31	11.7
City of Las Piñas	47	8.6	7	1.3	86	15.8
City of Makati	54	10.5	9	1.8	68	13.3
City of Muntinlupa	31	7.1	9	2.1	69	15.8
City of Parañaque	42	8.1	13	2.5	82	15.8
Pasay City	38	9.3	16	3.9	41	10.0
City of Taguig	27	5.0	41	7.6	55	10.2
Pateros	10	15.1	2	3.0	7	10.6
CORDILLERA ADMINISTRATIVE REGION	69	4.2	23	1.4	183	11.0
Abra	13	5.4	1	0.4	36	15.0
Apayao	3	2.5	4	3.3	7	5.8
Benguet	14	3.4	4	1.0	44	10.8
Ifugao	5	2.5	3	1.5	21	10.6
Kalinga	4	1.9	5	2.3	26	12.1
Mt. Province	7	4.1	3	1.8	21	12.3
Baguio City	23	7.5	3	1.0	28	9.1
REGION I - ILOCOS	395	7.8	127	2.5	605	11.9
Ilocos Norte	47	9.6	14	2.9	66	13.5
Ilocos Sur	42	7.3	5	0.9	62	10.7
La Union	52	7.6	14	2.0	71	10.4
Pangasinan	169	7.0	68	2.8	303	12.6
Laoag City	18	16.4	-	0.0	9	8.2
City of Candon	3	5.2	-	0.0	5	8.6
City of Vigan	10	19.2	-	0.0	12	23.1
City of San Fernando	6	4.8	4	3.2	14	11.2
City of Alaminos	6	6.7	7	7.8	5	5.6
Dagupan City	26	16.4	8	5.0	16	10.1
San Carlos City	10	5.3	7	3.7	26	13.9
City of Urdaneta	6	4.4	-	0.0	16	11.8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Liver Disease (K70,K73-K74)		Acute Pancreatitis (K85)		Nephritis, Nephrotic Syndrome & Nephrosis (N00-N07,N17, N19, N25-N27)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	202	6.1	53	1.6	475	14.4
Batanes	5	24.9	1	5.0	-	0.0
Cagayan	74	7.2	29	2.8	140	13.7
Isabela	53	4.2	13	1.0	183	14.5
Nueva Vizcaya	31	7.1	3	0.7	56	12.8
Quirino	6	3.5	2	1.2	30	17.3
Tuguegarao City	13	9.3	3	2.1	6	4.3
City of Cauayan	5	4.1	1	0.8	20	16.5
City of Santiago	15	11.6	1	0.8	40	31.0
REGION III - CENTRAL LUZON	601	6.0	273	2.7	1,546	15.5
Aurora	13	6.0	5	2.3	18	8.4
Bataan	36	6.2	13	2.2	143	24.7
Bulacan	131	6.3	73	3.5	243	11.8
Nueva Ecija	59	4.4	29	2.2	185	13.8
Pampanga	75	4.5	24	1.4	286	17.2
Tarlac	42	4.4	25	2.6	161	16.9
Zambales	43	8.5	16	3.2	74	14.6
City of Balanga	4	4.8	2	2.4	19	22.6
City of Malolos	15	6.6	4	1.8	25	11.0
City of Meycauayan	14	6.6	9	4.3	33	15.7
City of San Jose Del Monte	23	5.6	20	4.9	68	16.7
Cabanatuan City	17	6.6	9	3.5	42	16.2
City of Gapan	9	8.7	9	8.7	18	17.4
Science City of Muñoz	6	7.9	4	5.3	8	10.5
Palayan City	1	2.8	1	2.8	2	5.5
San Jose City	8	6.4	6	4.8	20	15.9
Angeles City	48	15.1	2	0.6	101	31.8
City of San Fernando	18	6.8	7	2.7	46	17.5
City of Tarlac	6	2.0	3	1.0	23	7.5
Olangapo City	33	14.6	12	5.3	31	13.8
REGION IVA - CALABARZON	808	6.9	361	3.1	1,980	17.0
Batangas	93	5.8	52	3.3	375	23.6
Cavite	163	6.3	83	3.2	362	14.0
Laguna	123	7.9	44	2.8	314	20.1
Quezon	128	7.3	25	1.4	261	15.0
Rizal	97	6.1	38	2.4	235	14.7

Table 29

SELECTED CAUSES OF DEATH
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Philippines, 2009

AREA	Liver Disease (K70,K73-K74)		Acute Pancreatitis (K85)		Nephritis, Nephrotic Syndrome & Nephrosis (N00-N07,N17, N19, N25-N27)	
	No.	Rate	No.	Rate	No.	Rate
Batangas City	19	6.4	4	1.4	40	13.6
Lipa City	17	6.5	16	6.1	36	13.8
City of Tanauan	9	6.4	5	3.6	30	21.4
Cavite City	11	8.2	5	3.7	22	16.3
Tagaytay City	3	4.9	4	6.5	6	9.8
Trece Martires City	7	12.4	9	15.9	9	15.9
City of Calamba	21	6.2	10	3.0	49	14.6
San Pablo City	15	6.0	7	2.8	64	25.7
City of Santa Rosa	26	11.7	18	8.1	41	18.4
Lucena City	30	13.1	5	2.2	40	17.5
City of Antipolo	46	7.8	36	6.1	96	16.3
REGION IVB - MIMAROPA	195	6.6	49	1.7	317	10.8
Marinduque	22	8.3	6	2.3	26	9.8
Occidental Mindoro	24	4.9	7	1.4	41	8.4
Oriental Mindoro	50	6.9	11	1.5	63	8.7
Palawan	34	4.3	13	1.7	63	8.0
Romblon	45	13.7	5	1.5	66	20.1
Calapan City	8	6.0	3	2.3	20	15.0
Puerto Princesa City	12	5.7	4	1.9	38	18.0
REGION V - BICOL	482	8.6	129	2.3	858	15.3
Albay	75	8.6	15	1.7	101	11.6
Camarines Norte	57	10.3	25	4.5	92	16.6
Camarines Sur	77	4.8	25	1.6	285	17.9
Catanduanes	30	11.9	3	1.2	31	12.3
Masbate	65	8.5	19	2.5	63	8.2
Sorsogon	68	10.1	12	1.8	108	16.0
Legazpi City	16	8.7	4	2.2	19	10.3
City of Ligao	9	8.4	3	2.8	27	25.3
City of Tabaco	15	11.9	2	1.6	21	16.6
Iriga City	10	9.4	13	12.2	30	28.2
Naga City	14	8.5	-	0.0	40	24.2
City of Masbate	24	28.0	7	8.2	7	8.2
City of Sorsogon	22	19.8	1	0.9	34	30.6
REGION VI - WESTERN VISAYAS	919	12.4	270	3.6	1,418	19.1
Aklan	70	13.0	9	1.7	82	15.3
Antique	55	9.5	20	3.5	74	12.8
Capiz	59	9.4	12	1.9	85	13.6
Guimaras	14	8.1	5	2.9	26	15.1
Iloilo	208	11.7	79	4.5	253	14.3
Negros Occidental	116	10.6	37	3.4	222	20.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Liver Disease (K70,K73-K74)		Acute Pancreatitis (K85)		Nephritis, Nephrotic Syndrome & Nephrosis (N00-N07,N17, N19, N25-N27)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	23	15.5	14	9.4	22	14.8
Iloilo City	78	18.0	33	7.6	85	19.6
City of Passi	7	8.5	3	3.6	9	10.9
Bacolod City	66	12.9	8	1.6	117	22.8
Bago City	36	21.2	5	2.9	70	41.3
Cadiz City	9	5.3	4	2.4	42	24.7
City of Escalante	11	11.6	2	2.1	27	28.5
City of Himamaylan	26	24.5	11	10.4	20	18.9
City of Kabankalan	29	16.2	6	3.3	85	47.4
La Carlota City	8	11.9	3	4.4	23	34.1
Sagay City	13	8.4	3	1.9	46	29.6
San Carlos City	23	16.3	-	0.0	26	18.4
Silay City	20	15.5	3	2.3	31	24.1
City of Sipalay	13	17.5	3	4.0	14	18.9
City of Talisay	18	19.0	8	8.4	21	22.2
City of Victorias	17	17.4	2	2.0	38	38.9
REGION VII - CENTRAL VISAYAS	654	9.5	123	1.8	1,221	17.7
Bohol	117	9.4	25	2.0	302	24.2
Cebu	194	8.8	44	2.0	341	15.5
Negros Oriental	85	9.7	17	1.9	102	11.7
Siquijor	19	20.6	-	0.0	26	28.2
Tagbilaran City	11	12.1	1	1.1	15	16.5
Cebu City	101	11.5	5	0.6	151	17.2
Danao City	4	3.3	1	0.8	24	19.9
Lapu-Lapu City	25	9.4	3	1.1	41	15.4
Mandaue City	21	6.6	7	2.2	58	18.2
City of Talisay	17	9.4	3	1.7	41	22.6
Toledo City	1	0.6	9	5.2	25	14.5
Bais City	9	11.3	-	0.0	8	10.1
City of Bayawan	5	4.2	-	0.0	12	10.1
Canlaon City	7	12.9	5	9.2	26	47.8
Dumaguete City	28	23.4	2	1.7	41	34.3
City of Tanjay	10	12.2	1	1.2	8	9.8
REGION VIII - EASTERN VISAYAS	343	7.9	82	1.9	597	13.7
Biliran	6	3.5	4	2.3	35	20.3
Eastern Samar	11	2.4	2	0.4	16	3.5
Leyte	140	9.3	20	1.3	216	14.3
Northern Samar	87	14.1	18	2.9	76	12.3
Samar	29	4.8	9	1.5	56	9.2
Southern Leyte	18	5.3	11	3.2	72	21.1
Ormoc City	5	2.7	1	0.5	49	26.7
Tacloban City	21	9.9	6	2.8	30	14.1
Calbayog City	22	12.2	9	5.0	29	16.1
City of Maasin	4	4.8	2	2.4	18	21.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Liver Disease (K70,K73-K74)		Acute Pancreatitis (K85)		Nephritis, Nephrotic Syndrome & Nephrosis (N00-N07,N17, N19, N25-N27)	
	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	233	7.0	59	1.8	439	13.2
Zamboanga Del Norte	50	6.3	13	1.6	100	12.7
Zamboanga Del Sur	41	4.9	17	2.0	98	11.6
Zamboanga Sibugay	30	5.0	11	1.8	65	10.8
Dapitan City	5	6.1	-	0.0	13	15.9
Dipolog City	12	10.0	3	2.5	35	29.3
Pagadian City	9	5.3	4	2.3	48	28.0
Zamboanga City	86	11.9	11	1.5	80	11.1
REGION X - NORTHERN MINDANAO	373	8.8	135	3.2	697	16.4
Bukidnon	53	5.4	24	2.5	104	10.6
Camiguin	10	11.2	-	0.0	22	24.6
Lanao del Norte	24	4.3	8	1.4	90	16.2
Misamis Occidental	35	11.2	7	2.2	82	26.3
Misamis Oriental	57	8.1	23	3.3	93	13.2
City of Malaybalay	15	9.9	4	2.6	22	14.5
City of Valencia	26	14.3	2	1.1	23	12.6
Iligan City	43	13.0	5	1.5	71	21.4
Oroquieta City	10	14.4	3	4.3	34	49.0
Ozamis City	13	10.2	7	5.5	34	26.6
Tangub City	10	17.4	1	1.7	15	26.0
Cagayan de Oro City	67	11.7	48	8.4	86	15.0
Gingoog City	10	7.9	3	2.4	21	16.6
REGION XI - DAVAO	306	7.1	146	3.4	854	19.9
Compostela Valley	50	7.2	12	1.7	94	13.6
Davao	42	10.4	11	2.7	72	17.9
Davao Del Sur	29	3.9	13	1.7	134	17.9
Davao Oriental	26	5.0	20	3.9	93	18.0
City of Panabo	16	10.5	2	1.3	19	12.4
Island Garden City of Samal	7	7.4	7	7.4	26	27.5
City of Tagum	27	13.2	9	4.4	38	18.5
Davao City	95	7.1	71	5.3	353	26.5
City of Digos	14	9.6	1	0.7	25	17.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Liver Disease (K70,K73-K74)		Acute Pancreatitis (K85)		Nephritis, Nephrotic Syndrome & Nephrosis (N00-N07,N17, N19, N25-N27)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	192	5.1	66	1.7	761	20.0
Cotabato	65	6.2	19	1.8	198	18.9
Sarangani	8	1.5	7	1.3	58	11.1
South Cotabato	36	5.1	7	1.0	197	27.9
Sultan Kudarat	18	2.9	19	3.0	86	13.7
City of Kidapawan	12	9.8	2	1.6	27	22.0
General Santos City	37	7.2	4	0.8	104	20.2
City of Koronadal	9	5.4	2	1.2	53	31.8
City of Tacurong	7	7.5	6	6.4	38	40.6
REGION XIII - CARAGA	220	8.8	56	2.2	367	14.7
Agusan del Norte	36	10.6	4	1.2	50	14.8
Agusan del Sur	33	4.8	10	1.5	42	6.1
Surigao del Norte	39	9.0	12	2.8	88	20.3
Surigao del Sur	41	8.7	16	3.4	73	15.4
Butuan City	33	10.5	4	1.3	74	23.6
Surigao City	27	19.2	6	4.3	23	16.4
City of Bislig	11	9.6	4	3.5	17	14.9
ARMM	28	0.7	5	0.1	25	0.7
Basilan	-	0.0	-	0.0	1	0.4
Lanao del Sur	1	0.1	1	0.1	2	0.2
Maguindanao	3	0.3	1	0.1	2	0.2
Sulu	-	0.0	-	0.0	-	0.0
Tawi-tawi	2	0.5	1	0.3	5	1.3
City of Isabel	10	11.2	1	1.1	9	10.1
City of Lamitan	2	-	-	-	3	-
Marawi City	-	0.0	-	0.0	-	0.0
Cotabato City	10	5.2	1	0.5	3	1.6
FOREIGN COUNTRY	7		1		3	

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Cond. originating in the perinatal pd. (P00-P99)		Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	11,514	1.2	5,199	0.6	7,704	0.8
NATIONAL CAPITAL REGION	2,570	22.5	888	7.8	483	4.2
City of Manila	497	27.3	163	9.0	71	3.9
City of Mandaluyong	82	25.6	21	6.6	10	3.1
City of Marikina	95	21.1	25	5.6	16	3.6
City of Pasig	100	17.2	38	6.5	19	3.3
Quezon City	563	22.5	211	8.4	130	5.2
San Juan	19	14.0	10	7.4	1	0.7
Kalookan City	184	13.6	132	9.7	51	3.8
City of Malabon	75	19.2	21	5.4	13	3.3
City of Valenzuela	126	22.5	43	7.7	27	4.8
Navotas	80	30.2	17	6.4	11	4.1
City of Las Piñas	152	27.9	44	8.1	28	5.1
City of Makati	100	19.5	26	5.1	16	3.1
City of Muntinlupa	78	17.9	23	5.3	15	3.4
City of Parañaque	152	29.4	36	7.0	32	6.2
Pasay City	102	25.0	28	6.9	19	4.7
City of Taguig	152	28.3	48	8.9	23	4.3
Pateros	13	19.7	2	3.0	1	1.5
CORDILLERA ADMINISTRATIVE REGION	208	12.5	71	4.3	86	5.2
Abra	25	10.4	14	5.8	18	7.5
Apayao	4	3.3	2	1.7	4	3.3
Benguet	50	12.3	15	3.7	20	4.9
Ifugao	18	9.1	4	2.0	5	2.5
Kalinga	8	3.7	3	1.4	11	5.1
Mt. Province	28	16.4	12	7.0	14	8.2
Baguio City	75	24.3	21	6.8	14	4.5
REGION I - ILOCOS	826	16.3	338	6.7	663	13.1
Ilocos Norte	96	19.6	43	8.8	66	13.5
Ilocos Sur	80	13.9	28	4.9	93	16.1
La Union	115	16.8	39	5.7	97	14.2
Pangasinan	356	14.8	171	7.1	308	12.8
Laoag City	17	15.5	9	8.2	16	14.6
City of Candon	10	17.2	5	8.6	16	27.5
City of Vigan	11	21.2	3	5.8	4	7.7
City of San Fernando	36	28.8	14	11.2	9	7.2
City of Alaminos	14	15.7	5	5.6	9	10.1
Dagupan City	38	24.0	10	6.3	21	13.2
San Carlos City	33	17.6	4	2.1	11	5.9
City of Urdaneta	20	14.7	7	5.2	13	9.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Cond. originating in the perinatal pd. (P00-P99)		Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	304	9.2	160	4.8	481	14.5
Batanes	8	39.8	-	0.0	1	5.0
Cagayan	81	7.9	48	4.7	138	13.5
Isabela	99	7.9	54	4.3	176	14.0
Nueva Vizcaya	42	9.6	20	4.6	79	18.0
Quirino	16	9.2	6	3.5	18	10.4
Tuguegarao City	22	15.7	7	5.0	34	24.2
City of Cauayan	11	9.1	15	12.4	12	9.9
City of Santiago	25	19.4	10	7.7	23	17.8
REGION III - CENTRAL LUZON	1,238	12.4	593	6.0	1,004	10.1
Aurora	19	8.8	14	6.5	19	8.8
Bataan	66	11.4	38	6.6	63	10.9
Bulacan	345	16.7	129	6.2	168	8.1
Nueva Ecija	112	8.4	82	6.1	160	12.0
Pampanga	116	7.0	69	4.1	116	7.0
Tarlac	111	11.7	42	4.4	136	14.3
Zambales	82	16.2	25	4.9	76	15.0
City of Balanga	16	19.0	8	9.5	7	8.3
City of Malolos	53	23.4	19	8.4	11	4.9
City of Meycauayan	39	18.5	10	4.7	14	6.6
City of San Jose Del Monte	59	14.5	28	6.9	20	4.9
Cabanatuan City	45	17.4	21	8.1	54	20.9
City of Gapan	9	8.7	17	16.4	11	10.6
Science City of Muñoz	4	5.3	6	7.9	14	18.4
Palayan City	3	8.3	5	13.8	10	27.6
San Jose City	13	10.3	14	11.1	11	8.8
Angeles City	45	14.2	23	7.2	26	8.2
City of San Fernando	20	7.6	15	5.7	30	11.4
City of Tarlac	58	18.9	15	4.9	35	11.4
Olangapo City	23	10.2	13	5.8	23	10.2
REGION IVA - CALABARZON	1,943	16.7	851	7.3	908	7.8
Batangas	217	13.6	130	8.2	174	10.9
Cavite	460	17.8	153	5.9	188	7.3
Laguna	274	17.5	126	8.0	110	7.0
Quezon	252	14.5	129	7.4	133	7.6
Rizal	206	12.9	75	4.7	74	4.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Cond. originating in the perinatal pd. (P00-P99)		Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)	
	No.	Rate	No.	Rate	No.	Rate
Batangas City	57	19.3	24	8.1	26	8.8
Lipa City	52	20.0	19	7.3	27	10.4
City of Tanauan	38	27.1	20	14.3	12	8.6
Cavite City	20	14.8	8	5.9	9	6.7
Tagaytay City	18	29.3	5	8.1	4	6.5
Trece Martires City	40	70.8	11	19.5	15	26.6
City of Calamba	56	16.6	38	11.3	25	7.4
San Pablo City	42	16.9	21	8.4	24	9.6
City of Santa Rosa	42	18.9	19	8.5	15	6.7
Lucena City	62	27.1	23	10.0	27	11.8
City of Antipolo	107	18.1	50	8.5	45	7.6
REGION IVB - MIMAROPA	396	13.5	147	5.0	198	6.7
Marinduque	83	31.2	15	5.6	8	3.0
Occidental Mindoro	73	14.9	17	3.5	44	9.0
Oriental Mindoro	82	11.3	34	4.7	49	6.7
Palawan	45	5.7	22	2.8	35	4.5
Romblon	34	10.4	23	7.0	10	3.0
Calapan City	43	32.3	18	13.5	8	6.0
Puerto Princesa City	36	17.0	18	8.5	44	20.8
REGION V - BICOL	577	10.3	362	6.5	532	9.5
Albay	69	7.9	59	6.8	82	9.4
Camarines Norte	103	18.6	56	10.1	45	8.1
Camarines Sur	163	10.2	92	5.8	147	9.2
Catanduanes	52	20.7	14	5.6	24	9.5
Masbate	42	5.5	22	2.9	43	5.6
Sorsogon	38	5.6	42	6.2	46	6.8
Legazpi City	16	8.7	15	8.1	19	10.3
City of Ligao	13	12.2	6	5.6	17	15.9
City of Tabaco	17	13.5	14	11.1	19	15.1
Iriga City	11	10.3	3	2.8	10	9.4
Naga City	41	24.9	18	10.9	41	24.9
City of Masbate	2	2.3	6	7.0	12	14.0
City of Sorsogon	10	9.0	15	13.5	27	24.3
REGION VI - WESTERN VISAYAS	817	11.0	427	5.7	626	8.4
Aklan	56	10.4	39	7.3	57	10.6
Antique	87	15.0	35	6.0	64	11.1
Capiz	44	7.0	37	5.9	43	6.9
Guimaras	14	8.1	10	5.8	8	4.6
Iloilo	248	14.0	119	6.7	115	6.5
Negros Occidental	71	6.5	55	5.0	88	8.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
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Philippines, 2009

AREA	Cond. originating in the perinatal pd. (P00-P99)		Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	7	4.7	14	9.4	17	11.4
Iloilo City	86	19.8	24	5.5	65	15.0
City of Passi	16	19.4	3	3.6	3	3.6
Bacolod City	56	10.9	16	3.1	62	12.1
Bago City	31	18.3	15	8.8	18	10.6
Cadiz City	9	5.3	5	2.9	8	4.7
City of Escalante	6	6.3	5	5.3	1	1.1
City of Himamaylan	9	8.5	13	12.3	9	8.5
City of Kabankalan	21	11.7	6	3.3	14	7.8
La Carlota City	3	4.4	6	8.9	5	7.4
Sagay City	9	5.8	6	3.9	9	5.8
San Carlos City	11	7.8	3	2.1	8	5.7
Silay City	10	7.8	8	6.2	14	10.9
City of Sipalay	8	10.8	2	2.7	6	8.1
City of Talisay	8	8.4	3	3.2	7	7.4
City of Victorias	7	7.2	3	3.1	5	5.1
REGION VII - CENTRAL VISAYAS	874	12.7	490	7.1	429	6.2
Bohol	137	11.0	72	5.8	132	10.6
Cebu	271	12.3	187	8.5	118	5.4
Negros Oriental	70	8.0	24	2.7	59	6.8
Siquijor	6	6.5	3	3.3	4	4.3
Tagbilaran City	11	12.1	8	8.8	15	16.5
Cebu City	181	20.6	78	8.9	18	2.0
Danao City	18	14.9	11	9.1	11	9.1
Lapu-Lapu City	54	20.3	32	12.0	6	2.3
Mandaue City	45	14.2	40	12.6	11	3.5
City of Talisay	18	9.9	13	7.2	10	5.5
Toledo City	14	8.1	9	5.2	4	2.3
Bais City	11	13.8	2	2.5	9	11.3
City of Bayawan	5	4.2	2	1.7	8	6.8
Canlaon City	7	12.9	4	7.4	7	12.9
Dumaguete City	16	13.4	4	3.3	15	12.6
City of Tanjay	10	12.2	1	1.2	2	2.4
REGION VIII - EASTERN VISAYAS	288	6.6	145	3.3	351	8.1
Biliran	29	16.9	10	5.8	19	11.0
Eastern Samar	11	2.4	3	0.7	20	4.4
Leyte	108	7.2	43	2.9	118	7.8
Northern Samar	48	7.8	26	4.2	50	8.1
Samar	9	1.5	10	1.6	36	5.9
Southern Leyte	35	10.3	18	5.3	31	9.1
Ormoc City	11	6.0	10	5.4	24	13.1
Tacloban City	25	11.8	8	3.8	31	14.6
Calbayog City	4	2.2	8	4.4	15	8.3
City of Maasin	8	9.6	9	10.8	7	8.4

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By Region, Province and City
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Philippines, 2009

AREA	Cond. originating in the perinatal pd. (P00-P99)		Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)	
	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	242	7.3	133	4.0	250	7.5
Zamboanga Del Norte	30	3.8	21	2.7	51	6.5
Zamboanga Del Sur	26	3.1	8	0.9	59	7.0
Zamboanga Sibugay	21	3.5	8	1.3	36	6.0
Dapitan City	8	9.8	2	2.5	11	13.5
Dipolog City	23	19.3	9	7.5	9	7.5
Pagadian City	8	4.7	5	2.9	19	11.1
Zamboanga City	126	17.4	80	11.1	65	9.0
REGION X - NORTHERN MINDANAO	460	10.8	159	3.7	460	10.8
Bukidnon	66	6.7	17	1.7	147	15.0
Camiguin	7	7.8	8	8.9	13	14.5
Lanao del Norte	30	5.4	4	0.7	32	5.8
Misamis Occidental	27	8.7	8	2.6	31	9.9
Misamis Oriental	67	9.5	26	3.7	90	12.8
City of Malaybalay	14	9.2	15	9.9	21	13.8
City of Valencia	13	7.1	2	1.1	21	11.5
Iligan City	64	19.3	24	7.2	14	4.2
Oroquieta City	6	8.6	7	10.1	9	13.0
Ozamis City	17	13.3	9	7.0	16	12.5
Tangub City	4	6.9	2	3.5	8	13.9
Cagayan de Oro City	125	21.8	31	5.4	43	7.5
Gingoog City	20	15.8	6	4.7	15	11.8
REGION XI - DAVAO	388	9.0	224	5.2	596	13.9
Compostela Valley	45	6.5	26	3.8	113	16.3
Davao	59	14.7	16	4.0	68	16.9
Davao Del Sur	40	5.3	22	2.9	66	8.8
Davao Oriental	23	4.4	11	2.1	45	8.7
City of Panabo	17	11.1	10	6.5	39	25.5
Island Garden City of Samal	10	10.6	6	6.4	4	4.2
City of Tagum	44	21.5	22	10.7	41	20.0
Davao City	135	10.1	99	7.4	182	13.7
City of Digos	15	10.3	12	8.3	38	26.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Cond. originating in the perinatal pd. (P00-P99)		Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	233	6.1	143	3.8	346	9.1
Cotabato	39	3.7	23	2.2	83	7.9
Saranggani	17	3.3	12	2.3	45	8.6
South Cotabato	44	6.2	33	4.7	79	11.2
Sultan Kudarat	16	2.5	8	1.3	40	6.4
City of Kidapawan	9	7.3	8	6.5	13	10.6
General Santos City	80	15.6	45	8.8	52	10.1
City of Koronadal	15	9.0	8	4.8	20	12.0
City of Tacurong	13	13.9	6	6.4	14	15.0
REGION XIII - CARAGA	125	5.0	58	2.3	249	10.0
Agusan del Norte	10	3.0	14	4.1	37	10.9
Agusan del Sur	21	3.0	7	1.0	81	11.8
Surigao del Norte	26	6.0	10	2.3	28	6.5
Surigao del Sur	19	4.0	6	1.3	44	9.3
Butuan City	21	6.7	16	5.1	38	12.1
Surigao City	24	17.1	3	2.1	13	9.2
City of Bislig	4	3.5	2	1.8	8	7.0
ARMM	25	0.7	8	0.2	39	1.0
Basilan	1	0.4	-	0.0	-	0.0
Lanao del Sur	5	0.6	1	0.1	2	0.2
Maguindanao	5	0.5	2	0.2	19	1.8
Sulu	4	0.6	-	0.0	1	0.1
Tawi-tawi	-	0.0	-	0.0	-	0.0
City of Isabela	2	2.2	2	2.2	4	4.5
City of Lamitan	1		1		4	
Marawi City	-	0.0	-	0.0	-	0.0
Cotabato City	7	3.6	2	1.0	9	4.7
FOREIGN COUNTRY	-		2		3	

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)		Other causes of death (All remaining codes)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	3,393	0.4	12,249	1.3	73,962	8.0
NATIONAL CAPITAL REGION	234	2.1	1,591	14.0	9,052	79.4
City of Manila	40	2.2	304	16.7	1,379	75.8
City of Mandaluyong	7	2.2	30	9.4	305	95.1
City of Marikina	11	2.4	44	9.8	399	88.6
City of Pasig	22	3.8	68	11.7	522	89.8
Quezon City	37	1.5	390	15.6	2,064	82.5
San Juan	2	1.5	8	5.9	126	93.0
Kalookan City	14	1.0	223	16.5	843	62.2
City of Malabon	9	2.3	66	16.9	247	63.3
City of Valenzuela	13	2.3	40	7.2	409	73.2
Navotas	12	4.5	61	23.0	211	79.6
City of Las Piñas	8	1.5	50	9.2	604	111.0
City of Makati	10	2.0	62	12.1	468	91.4
City of Muntinlupa	16	3.7	49	11.2	336	77.0
City of Parañaque	10	1.9	50	9.7	416	80.3
Pasay City	5	1.2	56	13.7	308	75.4
City of Taguig	18	3.3	81	15.1	371	69.0
Pateros	-	0.0	9	13.6	44	66.6
CORDILLERA ADMINISTRATIVE REGION	60	3.6	188	11.3	1,372	82.7
Abra	13	5.4	79	32.8	166	69.0
Apayao	6	5.0	18	14.9	61	50.6
Benguet	13	3.2	23	5.7	473	116.3
Ifugao	8	4.1	8	4.1	123	62.3
Kalinga	4	1.9	16	7.4	80	37.2
Mt. Province	9	5.3	10	5.8	182	106.4
Baguio City	7	2.3	34	11.0	287	93.1
REGION I - ILOCOS	320	6.3	589	11.6	4,858	95.8
Ilocos Norte	35	7.2	86	17.6	409	83.7
Ilocos Sur	39	6.8	74	12.8	581	100.7
La Union	41	6.0	71	10.4	614	89.6
Pangasinan	158	6.6	245	10.2	2,053	85.3
Laoag City	5	4.6	7	6.4	81	74.0
City of Candon	1	1.7	12	20.6	41	70.4
City of Vigan	3	5.8	12	23.1	122	234.6
City of San Fernando	3	2.4	13	10.4	72	57.5
City of Alaminos	6	6.7	8	9.0	140	156.6
Dagupan City	10	6.3	23	14.5	283	178.5
San Carlos City	7	3.7	20	10.7	148	78.8
City of Urdaneta	12	8.8	18	13.3	314	231.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)		Other causes of death (All remaining codes)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	205	6.2	374	11.3	2,743	82.9
Batanes	1	5.0	2	10.0	26	129.4
Cagayan	84	8.2	136	13.3	970	94.9
Isabela	70	5.6	124	9.8	959	76.1
Nueva Vizcaya	14	3.2	35	8.0	336	76.5
Quirino	10	5.8	24	13.8	134	77.1
Tuguegarao City	11	7.8	16	11.4	91	64.8
City of Cauayan	5	4.1	13	10.7	71	58.5
City of Santiago	10	7.7	24	18.6	156	120.8
REGION III - CENTRAL LUZON	375	3.8	852	8.6	7,135	71.6
Aurora	4	1.9	26	12.1	191	88.7
Bataan	21	3.6	56	9.7	590	101.7
Bulacan	88	4.3	209	10.1	1,389	67.2
Nueva Ecija	51	3.8	111	8.3	845	63.1
Pampanga	55	3.3	86	5.2	786	47.2
Tarlac	29	3.0	51	5.4	732	76.9
Zambales	40	7.9	40	7.9	513	101.4
City of Balanga	5	5.9	5	5.9	93	110.6
City of Malolos	8	3.5	17	7.5	189	83.5
City of Meycauayan	7	3.3	20	9.5	188	89.3
City of San Jose Del Monte	14	3.4	62	15.2	286	70.1
Cabanatuan City	21	8.1	40	15.5	191	73.8
City of Gapan	2	1.9	13	12.6	59	57.0
Science City of Muñoz	6	7.9	6	7.9	108	141.9
Palayan City	1	2.8	3	8.3	27	74.4
San Jose City	3	2.4	13	10.3	68	54.1
Angeles City	3	0.9	44	13.9	337	106.1
City of San Fernando	6	2.3	21	8.0	186	70.7
City of Tarlac	5	1.6	17	5.5	174	56.6
Olangapo City	6	2.7	12	5.3	183	81.2
REGION IVA - CALABARZON	434	3.7	1,659	14.2	10,381	89.1
Batangas	54	3.4	260	16.3	1,302	81.9
Cavite	66	2.6	376	14.6	2,133	82.7
Laguna	58	3.7	190	12.1	1,292	82.5
Quezon	94	5.4	251	14.4	1,557	89.3
Rizal	69	4.3	141	8.8	1,335	83.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)		Other causes of death (All remaining codes)	
	No.	Rate	No.	Rate	No.	Rate
Batangas City	4	1.4	34	11.5	551	186.7
Lipa City	6	2.3	36	13.8	201	77.2
City of Tanauan	1	0.7	33	23.6	181	129.2
Cavite City	5	3.7	23	17.1	111	82.4
Tagaytay City	-	0.0	12	19.5	44	71.7
Trece Martires City	4	7.1	16	28.3	102	180.6
City of Calamba	11	3.3	57	16.9	363	107.8
San Pablo City	8	3.2	74	29.7	159	63.8
City of Santa Rosa	14	6.3	23	10.3	155	69.7
Lucena City	16	7.0	45	19.7	349	152.4
City of Antipolo	24	4.1	88	14.9	546	92.5
REGION IVB - MIMAROPA	146	5.0	243	8.3	2,144	72.9
Marinduque	9	3.4	17	6.4	317	119.0
Occidental Mindoro	29	5.9	39	8.0	346	70.7
Oriental Mindoro	34	4.7	78	10.7	558	76.6
Palawan	33	4.2	56	7.1	344	43.8
Romblon	24	7.3	19	5.8	304	92.7
Calapan City	6	4.5	9	6.8	102	76.7
Puerto Princesa City	11	5.2	25	11.8	173	81.7
REGION V - BICOL	265	4.7	660	11.8	5,105	91.1
Albay	23	2.6	72	8.2	779	89.2
Camarines Norte	55	9.9	57	10.3	525	94.7
Camarines Sur	76	4.8	153	9.6	1,450	90.9
Catanduanes	19	7.6	17	6.8	293	116.5
Masbate	21	2.7	155	20.2	426	55.5
Sorsogon	29	4.3	80	11.8	631	93.3
Legazpi City	7	3.8	15	8.1	181	97.9
City of Ligao	2	1.9	16	15.0	78	73.1
City of Tabaco	6	4.8	8	6.3	115	91.2
Iriga City	7	6.6	10	9.4	92	86.5
Naga City	10	6.1	14	8.5	153	92.7
City of Masbate	4	4.7	44	51.4	112	130.7
City of Sorsogon	6	5.4	19	17.1	270	242.6
REGION VI - WESTERN VISAYAS	334	4.5	1,222	16.4	6,626	89.2
Aklan	48	8.9	66	12.3	522	97.1
Antique	19	3.3	126	21.8	479	82.7
Capiz	47	7.5	108	17.3	485	77.7
Guimaras	6	3.5	14	8.1	119	68.9
Iloilo	62	3.5	260	14.7	1,380	77.9
Negros Occidental	45	4.1	180	16.5	802	73.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)		Other causes of death (All remaining codes)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	8	5.4	33	22.2	142	95.4
Iloilo City	19	4.4	74	17.1	637	147.0
City of Passi	6	7.3	12	14.6	59	71.7
Bacolod City	10	1.9	98	19.1	746	145.3
Bago City	16	9.4	23	13.6	147	86.7
Cadiz City	5	2.9	29	17.1	154	90.7
City of Escalante	5	5.3	16	16.9	103	108.9
City of Himamaylan	4	3.8	13	12.3	71	66.9
City of Kabankalan	3	1.7	38	21.2	180	100.5
La Carlota City	2	3.0	9	13.3	63	93.4
Sagay City	3	1.9	25	16.1	107	68.9
San Carlos City	7	4.9	15	10.6	87	61.5
Silay City	8	6.2	33	25.6	146	113.3
City of Sibalay	5	6.7	18	24.2	69	92.9
City of Talisay	4	4.2	13	13.7	58	61.3
City of Victorias	2	2.0	19	19.4	70	71.6
REGION VII - CENTRAL VISAYAS	237	3.4	897	13.0	7,103	103.1
Bohol	52	4.2	93	7.4	1,295	103.7
Cebu	86	3.9	249	11.3	2,586	117.8
Negros Oriental	23	2.6	161	18.4	787	90.1
Siquijor	2	2.2	5	5.4	99	107.5
Tagbilaran City	4	4.4	6	6.6	89	97.9
Cebu City	17	1.9	134	15.2	711	80.8
Danao City	2	1.7	23	19.0	77	63.7
Lapu-Lapu City	8	3.0	54	20.3	227	85.5
Mandaue City	4	1.3	36	11.3	222	69.8
City of Talisay	11	6.1	40	22.1	130	71.7
Toledo City	7	4.1	26	15.0	291	168.4
Bais City	5	6.3	7	8.8	75	94.3
City of Bayawan	10	8.4	18	15.2	214	180.7
Canlaon City	-	0.0	17	31.3	43	79.1
Dumaguete City	6	5.0	20	16.7	168	140.7
City of Tanjay	-	0.0	8	9.8	89	108.6
REGION VIII - EASTERN VISAYAS	146	3.3	655	15.0	3,370	77.3
Biliran	9	5.2	19	11.0	136	79.1
Eastern Samar	11	2.4	66	14.6	227	50.2
Leyte	41	2.7	181	12.0	1,214	80.5
Northern Samar	43	7.0	176	28.5	665	107.6
Samar	13	2.1	78	12.8	279	45.9
Southern Leyte	9	2.6	30	8.8	345	101.1
Ormoc City	4	2.2	24	13.1	139	75.7
Tacloban City	7	3.3	35	16.5	203	95.5
Calbayog City	7	3.9	41	22.8	83	46.1
City of Maasin	2	2.4	5	6.0	79	94.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)		Other causes of death (All remaining codes)	
	No.	Rate	No.	Rate	No.	Rate
REGION IX - ZAMBOANGA PENINSULA	93	2.8	662	19.9	2,057	61.8
Zamboanga Del Norte	24	3.0	99	12.6	429	54.4
Zamboanga Del Sur	22	2.6	154	18.2	400	47.4
Zamboanga Sibugay	13	2.2	98	16.3	326	54.2
Dapitan City	6	7.4	13	15.9	47	57.6
Dipolog City	10	8.4	20	16.7	113	94.6
Pagadian City	4	2.3	66	38.5	110	64.2
Zamboanga City	14	1.9	212	29.3	632	87.4
REGION X - NORTHERN MINDANAO	139	3.3	671	15.7	3,295	77.3
Bukidnon	18	1.8	182	18.6	512	52.3
Camiguin	1	1.1	11	12.3	94	105.1
Lanao del Norte	25	4.5	56	10.1	334	60.1
Misamis Occidental	12	3.8	46	14.7	251	80.5
Misamis Oriental	26	3.7	67	9.5	531	75.3
City of Malaybalay	4	2.6	43	28.3	152	99.9
City of Valencia	3	1.6	43	23.6	83	45.6
Iligan City	15	4.5	59	17.8	322	97.0
Oroquieta City	2	2.9	10	14.4	78	112.4
Ozamis City	3	2.3	29	22.6	145	113.2
Tangub City	2	3.5	27	46.8	64	111.0
Cagayan de Oro City	19	3.3	78	13.6	643	112.4
Gingoog City	9	7.1	20	15.8	86	67.8
REGION XI - DAVAO	175	4.1	860	20.0	4,555	106.1
Compostela Valley	24	3.5	147	21.2	859	124.1
Davao	24	6.0	98	24.3	344	85.5
Davao Del Sur	31	4.1	110	14.7	486	64.8
Davao Oriental	20	3.9	89	17.2	323	62.4
City of Panabo	3	2.0	48	31.4	180	117.6
Island Garden City of Samal	5	5.3	7	7.4	92	97.5
City of Tagum	10	4.9	81	39.5	243	118.5
Davao City	51	3.8	262	19.7	1,914	143.7
City of Digos	7	4.8	18	12.4	114	78.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2009

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)		Other causes of death (All remaining codes)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	118	3.1	582	15.3	2,211	58.2
Cotabato	35	3.3	155	14.8	473	45.2
Saranggani	19	3.6	68	13.1	278	53.4
South Cotabato	27	3.8	134	19.0	428	60.7
Sultan Kudarat	17	2.7	80	12.7	262	41.6
City of Kidapawan	3	2.4	28	22.8	68	55.4
General Santos City	8	1.6	81	15.8	428	83.3
City of Koronadal	5	3.0	26	15.6	211	126.4
City of Tacurong	4	4.3	10	10.7	63	67.4
REGION XIII - CARAGA	96	3.8	419	16.8	1,590	63.6
Agusan del Norte	18	5.3	41	12.1	176	52.0
Agusan del Sur	19	2.8	137	19.9	326	47.3
Surigao del Norte	20	4.6	59	13.6	409	94.4
Surigao del Sur	18	3.8	93	19.6	310	65.5
Butuan City	8	2.6	39	12.5	174	55.6
Surigao City	7	5.0	30	21.3	127	90.3
City of Bislig	6	5.3	20	17.5	68	59.6
ARMM	10	0.3	116	3.1	331	8.8
Basilan	-	0.0	25	10.2	30	12.2
Lanao del Sur	-	0.0	9	1.1	38	4.6
Maguindanao	3	0.3	21	2.0	70	6.7
Sulu	-	0.0	4	0.6	15	2.1
Tawi-tawi	2	0.5	17	4.3	46	11.6
City of Isabela	4	4.5	11	12.4	46	51.7
City of Lamitan	-	-	10	-	23	-
Marawi City	-	0.0	-	0.0	-	0.0
Cotabato City	1	0.5	19	9.9	63	32.8
FOREIGN COUNTRY	6		9		34	

Table 30

MORTALITY: 17 CAUSE GROUPS
Number, Rate/100,000 Population & Percent Distribution
Philippines, 2009

Cause Group	Male	Female	Both Sexes		
	Number	Number	Number	Rate	Percent
Total Deaths from All Causes	279,513	201,307	480,820	521.3	100.0
Certain infectious and parasitic diseases (A00-B94, B98-B99)	28,306	16,432	44,738	48.5	9.3
Neoplasms (C00-C97, D00-D48)	25,970	24,425	50,395	54.6	10.5
Diseases of Blood and Blood Forming Organs (D50-D89)	1,414	1,561	2,975	3.2	0.6
Endocrine, Nutritional and Metabolic Diseases (E00-E88;E90)	13,778	15,230	29,008	31.5	6.0
Mental & Behavioral Disorder (F00-F99)	498	168	666	0.7	0.1
Diseases of the Nervous System and Sense Organs (G00-G99;H00-H94)	3,748	2,830	6,578	7.1	1.4
Diseases of Circulatory System (I00-I13; I20-I64; I67-I95; I98-I99)	92,960	73,437	166,397	180.4	34.6
Diseases of the Respiratory System (J00-J94; J96-J99)	39,378	30,371	69,749	75.6	14.5
Diseases of Digestive System (K00-K90; K92-K99)	15,520	5,892	21,412	23.2	4.5
Diseases of the skin and subcutaneous tissues (L00-L99)	671	904	1,575	1.7	0.3
Diseases of Musculoskeletal System and connective tissue (M00-M95; M97-M99)	616	980	1,596	1.7	0.3
Diseases of Genito-Urinary System (N00-N98)	10,596	7,251	17,847	19.4	3.7
Complication of pregnancy and the puerperium (O00-O07; O10-O79; O85-O99)	-	1,599	1,599	1.7	0.3
Certain conditions originating in the perinatal period (P00-P96)	6,889	4,625	11,514	12.5	2.4
Congenital Anomalies (Q00-Q99)	2,759	2,440	5,199	5.6	1.1
Ill-defined and unknown causes of mortality (R00-R68; R70-R99)	7,122	6,460	13,582	14.7	2.8
Accidents, violence other external causes of poisoning & injury (V01-Y89)	29,288	6,702	35,990	39.0	7.5

Table 31

**MORTALITY: COMMUNICABLE DISEASES, MALIGNANT NEOPLASM
AND DISEASES OF THE HEART**
Number & Rate/100,000 Population
Philippines, 1959-2009

YEAR	Communicable Diseases		Malignant Neoplasms		Diseases of the Heart	
	Number	Rate	Number	Rate	Number	Rate
2009	89,179	96.7	47,732	51.8	100,908	109.4
2008	83,313	92.1	46,262	51.1	92,133	101.9
2007	77,587	87.6	44,399	50.1	88,314	99.7
2006	78,348	90.1	43,043	49.5	83,081	95.5
2005	78,677	92.3	41,697	48.9	77,060	90.4
2004	72,813	87.1	40,524	48.5	70,861	84.8
2003	75,200	92.7	39,298	48.5	67,696	83.5
2002	79,998	100.6	38,821	48.8	70,138	88.2
2001	79,383	101.9	38,245	49.1	62,950	80.8
2000	78,361	102.6	36,414	47.7	60,417	79.1
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

Table 32

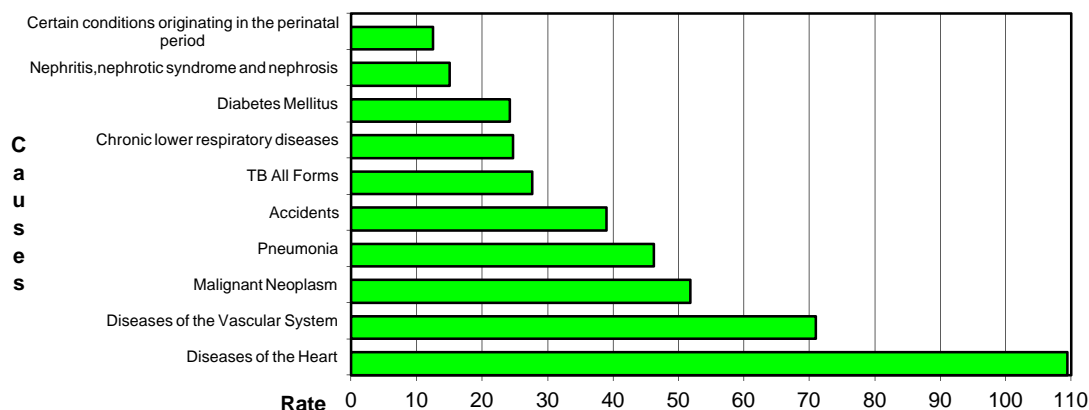
MORTALITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population
Philippines
2009, 1999, 1989

Causes	2009	
	Number	Rate
1. Diseases of the heart (I00-I09,I11,I13,I20-I52)	100,908	109.4
2. Diseases of the vascular system (I10,I12,I60-I64,I67-I78,I80-I99)	65,489	71.0
3. Malignant neoplasms (C00-C97)	47,732	51.8
4. Pneumonia (J12-J18)	42,642	46.2
5. Accidents (V01-Y89)	35,990	39.0
6. Tuberculosis, all forms (A15-A19, B90)	25,470	27.6
7. Chronic lower respiratory diseases (J40-J47)	22,755	24.7
8. Diabetes mellitus (E10-E14)	22,345	24.2
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	13,799	15.0
10. Certain conditions originating in the perinatal period (P00-P99)	11,514	12.5

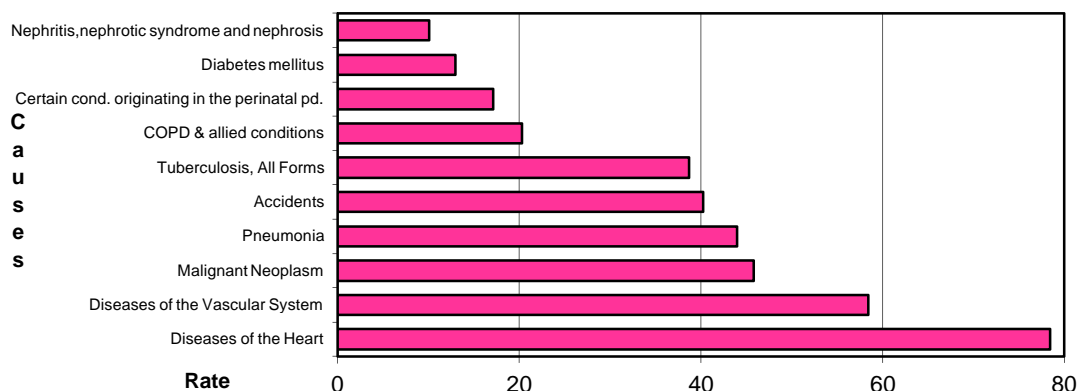
Causes	1999	
	Number	Rate
1. Diseases of the heart	58,574	78.4
2. Diseases of the vascular system	43,671	58.4
3. Malignant neoplasms	34,238	45.8
4. Pneumonias	32,883	44.0
5. Accidents	30,026	40.2
6. Tuberculosis, all forms	28,904	38.7
7. Chronic obstructive pulmonary diseases and allied conditions	15,163	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. Pneumonias	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	6,734	11.2
9. Nephritis, nephrotic syndrome and nephrosis	5,110	8.5
10. Septicemia	4,952	8.2

Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 2009



Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 1999



Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 1989

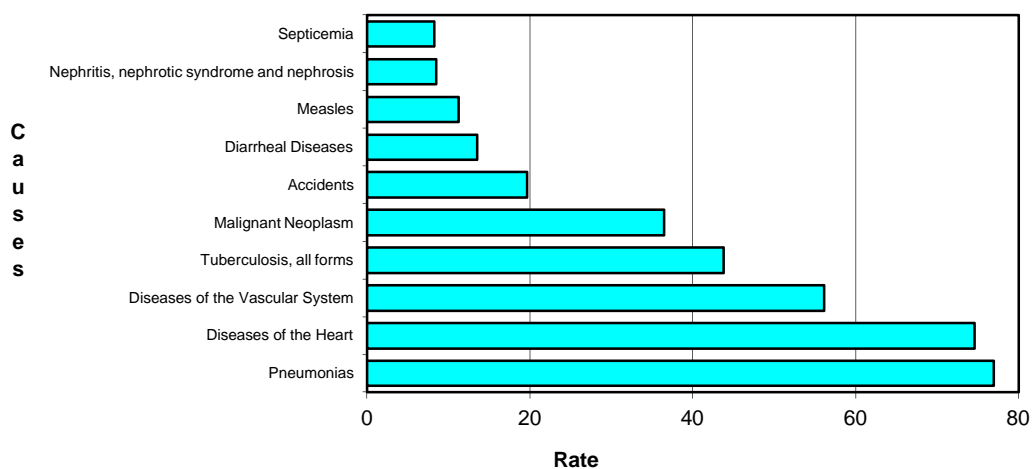


Figure 20

Table 33

INFANT MORTALITY: BY SMALLER AGE GROUPS
Number, Rate/1000 Livebirths & Percent Distribution
Philippines
5 - Year Average (2004-2008) & 2009

Age	5-Year Average (2004-2008)				2009			
	Number	Rate	% of Neo-Natal Deaths	% of Infant Deaths	Number	Rate	% of Neo-Natal Deaths	% of Infant Deaths
Under 1 Year	22,012	12.6		100.0	21,659	12.4		100.0
Under 28 Days	12,644	7.3	100.0	57.4	12,090	6.9	100.0	55.8
0 - 6 Days	9,956	5.8	78.7	45.2	9,381	5.4	77.6	43.3
7 - 13 Days	1,456	0.8	11.5	6.6	1,461	0.8	12.1	6.7
14 - 20 Days	702	0.4	5.6	3.2	714	0.4	5.9	3.3
21- 27 Days	530	0.3	4.2	2.4	534	0.3	4.4	2.5
28 Days to Under 1 Year	9,368	5.3		42.6	9,569	5.5		44.2
28 - 59 Days	2,127	1.2		9.6	2,173	1.2		10.0
2 Months	1,284	0.8		5.8	1,322	0.8		6.1
3 Months	901	0.5		4.1	941	0.5		4.3
4 Months	793	0.4		3.6	773	0.4		3.6
5 Months	739	0.4		3.4	714	0.4		3.3
6 Months	747	0.4		3.4	773	0.4		3.6
7 Months	708	0.4		3.2	708	0.4		3.3
8 Months	630	0.4		2.8	649	0.4		3.0
9 Months	548	0.3		2.5	556	0.3		2.6
10 Months	429	0.2		1.9	473	0.3		2.2
11 Months	462	0.3		2.1	487	0.3		2.2

Table 34

INFANT MORTALITY: TEN (10) LEADING CAUSES
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

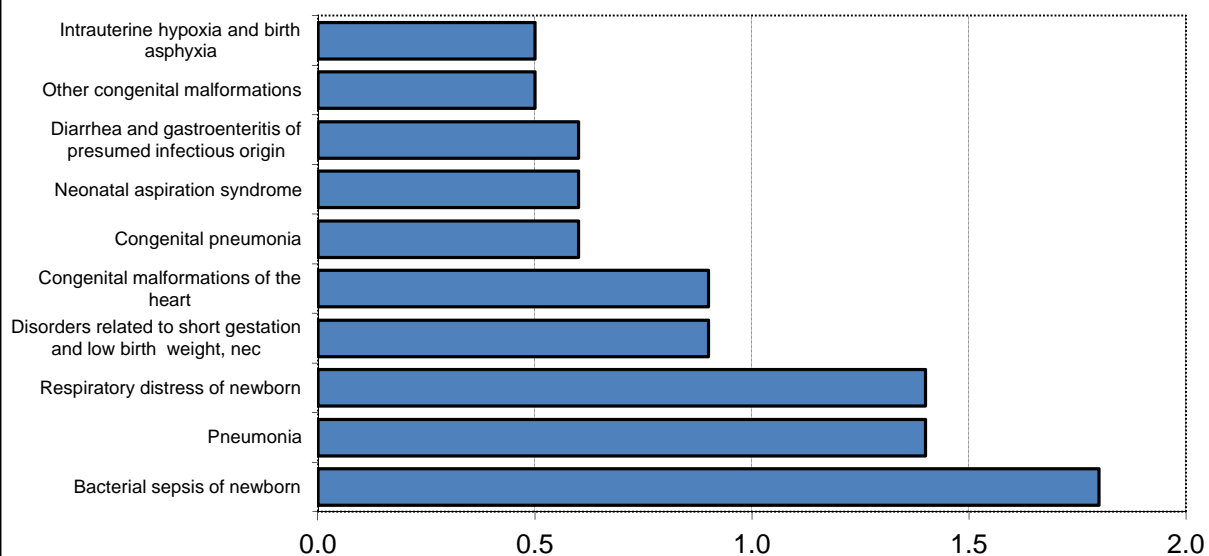
CAUSE	Number	Rate	Percent*
1. Bacterial sepsis of newborn (P36)	3,082	1.8	14.2
2. Pneumonia (J12-J18)	2,452	1.4	11.3
3. Respiratory distress of newborn (P22)	2,438	1.4	11.3
4. Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,609	0.9	7.4
5. Congenital malformations of the heart (Q20-Q24)	1,523	0.9	7.0
6. Congenital pneumonia (P23)	1,052	0.6	4.9
7. Neonatal aspiration syndromes (P24)	1,038	0.6	4.8
8. Diarrhea and gastroenteritis of presumed infectious origin (A09)	971	0.6	4.5
9. Other congenital malformations (Q10-Q18, Q30-Q89)	940	0.5	4.3
10. Intrauterine hypoxia and birth asphyxia (P20-P21)	883	0.5	4.1

* Percent share from total number of infant deaths (21,659), all causes, Philippines

INFANT MORTALITY : TEN (10) LEADING CAUSES

Rate / 1,000 Livebirth
Philippines, 2009

Causes of Death



Rate
Figure 21

INFANT MORTALITY: BY SMALLER AGE GROUPS

Percent Distribution
Philippines, 2009

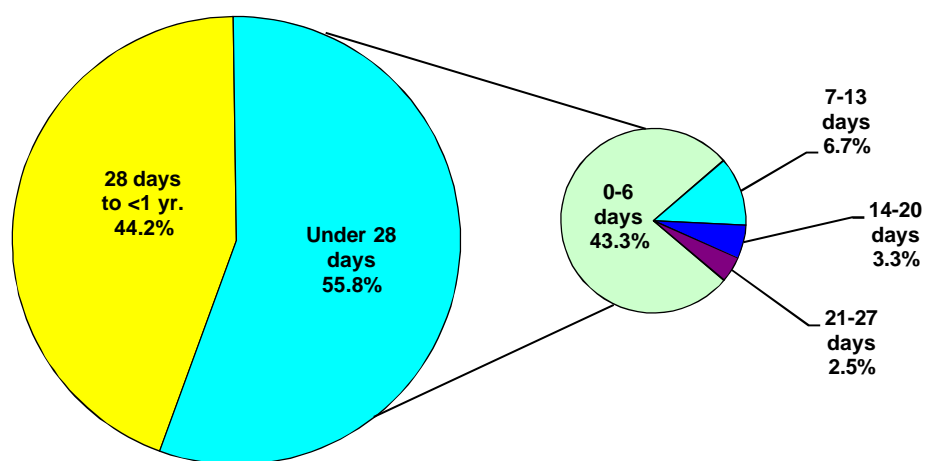


Figure 22

Table 35

INFANT MORTALITY: BY SEX AND REGION
Number & Rate/1000 Livebirths
Philippines, 2009

Area	Both Sexes		Male	Female
	Number	Rate	Number	Number
PHILIPPINES	21,659	12.4	12,503	9,156
National Capital Region	4,532	15.9	2,620	1,912
C.A.R.	350	10.4	205	145
Region 1	1,417	14.5	821	596
Region 2	557	8.6	317	240
Region 3	2,126	10.5	1,225	901
Region 4A	3,477	13.9	2,037	1,440
Region 4B	666	14.2	400	266
Region 5	1,363	11.8	745	618
Region 6	1,609	13.3	917	692
Region 7	1,819	12.5	1,042	777
Region 8	769	12.1	443	326
Region 9	535	11.4	322	213
Region 10	817	10.1	452	365
Region 11	847	10.0	486	361
Region 12	453	7.3	270	183
CARAGA	270	7.4	169	101
A.R.M.M.	49	6.7	29	20
Foreign Country*	3	~	3	-

* Refers to usual residence (which is outside Philippines) of the deceased but infant's death occurred in the Philippines

Note: IMR was computed based on live births by usual residence

Table 36

MATERNAL MORTALITY: BY MAIN CAUSE
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

Cause	Number	Rate	Percent*
TOTAL	1,599	0.9	100.0
1. Complications related to pregnancy occurring in the course of labor, delivery and puerperium (O12, O21-O48, O60-O71, O73-O75, O85-O99)	655	0.4	41.0
2. Hypertension complicating pregnancy, childbirth and puerprum (O10-O11, O13, O16)	513	0.3	32.1
3. Postpartum hemorrhage (O72)	286	0.2	17.9
4. Pregnancy with abortive outcome (O00-O07)	142	0.1	8.9
5. Hemorrhage in early pregnancy (O20)	3	0.0	0.2

* Percent share to total number of maternal deaths

MATERNAL MORTALITY BY MAIN CAUSE

Percent Distribution
Philippines, 2009

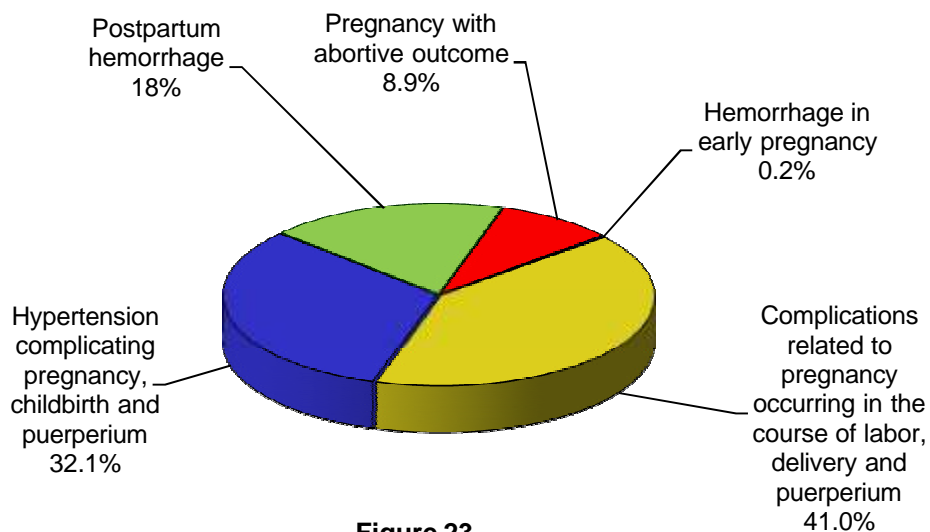


Figure 23

MATERNAL MORTALITY BY REGION

Rate / 1,000 Livebirths
Philippines, 2009

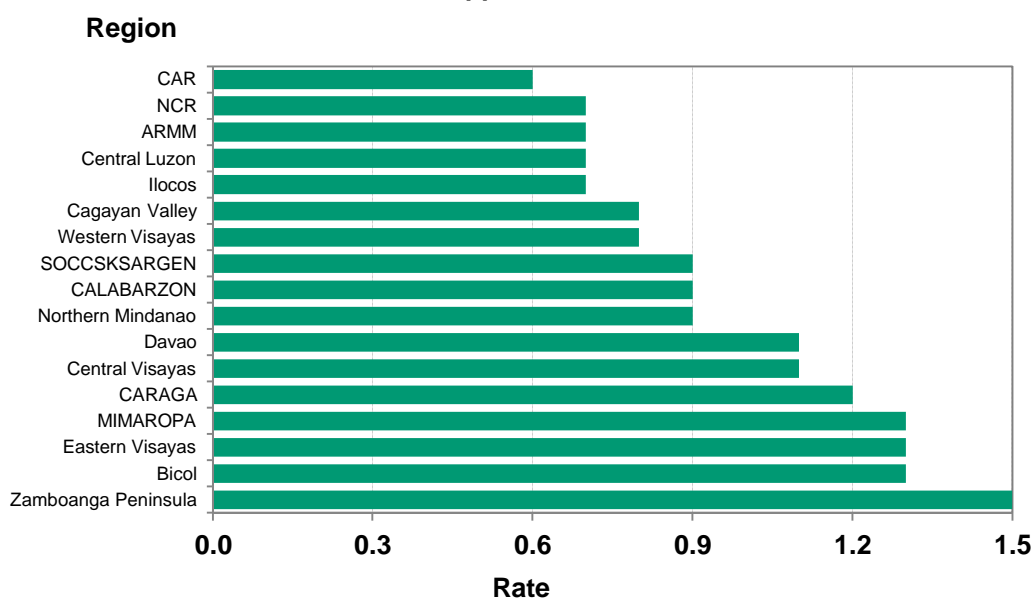


Figure 24

Table 37

MATERNAL MORTALITY: BY AGE GROUP & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

Region	Age Distribution					
	Total			Under 15 years		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	1,599	0.9	100.0	-	0.0	0.0
National Capital Region	176	0.7	11.0	-	0.0	0.0
C.A.R.	19	0.6	1.2	-	0.0	0.0
Region 1	65	0.7	4.1	-	0.0	0.0
Region 2	50	0.8	3.1	-	0.0	0.0
Region 3	141	0.7	8.8	-	0.0	0.0
Region 4A	253	0.9	15.8	-	0.0	0.0
Region 4B	60	1.3	3.8	-	0.0	0.0
Region 5	155	1.3	9.7	-	0.0	0.0
Region 6	101	0.8	6.3	-	0.0	0.0
Region 7	157	1.1	9.8	-	0.0	0.0
Region 8	80	1.3	5.0	-	0.0	0.0
Region 9	70	1.5	4.4	-	0.0	0.0
Region 10	74	0.9	4.6	-	0.0	0.0
Region 11	89	1.1	5.6	-	0.0	0.0
Region 12	57	0.9	3.6	-	0.0	0.0
CARAGA	46	1.2	2.9	-	0.0	0.0
ARMM	6	0.7	0.4	-	0.0	0.0

* Rate according to corresponding Age-Group and region

** Rate per 1000 livebirths of the corresponding Region
 Number of Maternal Deaths by usual residence

Table 37

MATERNAL MORTALITY: BY AGE GROUP & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

Region	Age Distribution					
	15 - 19 years			20 - 24 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	138	0.7	100.0	301	0.6	100.0
National Capital Region	14	0.5	10.1	42	0.6	14.0
C.A.R.	3	0.8	2.2	3	0.3	1.0
Region 1	3	0.3	2.2	11	0.4	3.7
Region 2	4	0.5	2.9	9	0.5	3.0
Region 3	16	0.7	11.6	28	0.5	9.3
Region 4A	20	19.6	14.5	54	750.0	17.9
Region 4B	4	0.8	2.9	15	1.1	5.0
Region 5	8	0.7	5.8	25	0.8	8.3
Region 6	8	0.7	5.8	19	0.6	6.3
Region 7	20	1.3	14.5	16	0.4	5.3
Region 8	5	0.7	3.6	10	0.6	3.3
Region 9	9	1.6	6.5	10	0.8	3.3
Region 10	9	0.9	6.5	15	0.6	5.0
Region 11	6	0.5	4.3	24	0.9	8.0
Region 12	5	0.6	3.6	13	0.7	4.3
CARAGA	3	0.7	2.2	7	0.7	2.3
ARMM	1	1.4	0.7	-	0.0	0.0

* Rate according to corresponding Age-Group and region

** Rate per 1000 livebirths of the corresponding Region
 Number of Maternal Deaths by usual residence

Table 37

MATERNAL MORTALITY: BY AGE GROUP & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

Region	Age Distribution					
	25 - 29 years			30 -34 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	329	0.7	100.0	319	1.0	100.0
National Capital Region	37	0.5	11.2	40	0.7	12.5
C.A.R.	5	0.6	1.5	1	0.2	0.3
Region 1	13	0.5	4.0	15	0.8	4.7
Region 2	11	0.7	3.3	13	1.2	4.1
Region 3	27	0.5	8.2	27	0.7	8.5
Region 4A	54	0.7	16.4	50	0.9	15.7
Region 4B	14	1.2	4.3	12	1.4	3.8
Region 5	33	1.1	10.0	30	1.4	9.4
Region 6	20	0.6	6.1	18	0.8	5.6
Region 7	33	0.9	10.0	33	1.3	10.3
Region 8	17	1.1	5.2	18	1.5	5.6
Region 9	16	1.4	4.9	10	1.1	3.1
Region 10	6	0.3	1.8	17	1.2	5.3
Region 11	15	0.7	4.6	16	1.1	5.0
Region 12	14	0.9	4.3	8	0.7	2.5
CARAGA	14	1.5	4.3	9	5.1	2.8
ARMM	-	0.0	0.0	2	0.3	0.6

* Rate according to corresponding Age-Group and region

** Rate per 1000 livebirths of the corresponding Region

Number of Maternal Deaths by usual residence

Table 37

MATERNAL MORTALITY: BY AGE GROUP & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

Region	Age Distribution					
	35 - 39 years			40 - 44 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	303	1.6	100.0	173	2.6	100.0
National Capital Region	28	1.0	9.2	11	1.4	6.4
C.A.R.	6	1.7	2.0	1	0.8	0.6
Region 1	16	1.5	5.3	6	1.6	3.5
Region 2	5	0.8	1.7	4	1.7	2.3
Region 3	21	1.0	6.9	18	2.7	10.4
Region 4A	51	1.8	16.8	22	2.4	12.7
Region 4B	8	1.5	2.6	7	3.2	4.0
Region 5	34	2.4	11.2	21	3.5	12.1
Region 6	18	1.2	5.9	16	2.7	9.2
Region 7	36	2.3	11.9	18	3.2	10.4
Region 8	17	2.3	5.6	12	4.3	6.9
Region 9	10	1.8	3.3	10	5.0	5.8
Region 10	14	1.7	4.6	10	3.2	5.8
Region 11	20	2.4	6.6	7	2.4	4.0
Region 12	9	1.4	3.0	6	2.5	3.5
CARAGA	7	1.6	2.3	4	2.3	2.3
ARMM	3	2.9	1.0	-	0.0	0.0

* Rate according to corresponding Age-Group and region

** Rate per 1000 livebirths of the corresponding Region

Number of Maternal Deaths by usual residence

Table 37

MATERNAL MORTALITY: BY AGE GROUP & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

Region	Age Distribution					
	45 - 49 years			50 years & Over		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	28	3.6	100.0	7	13.3	100.0
National Capital Region	3	4.1	10.7	1	18.9	14.3
C.A.R.	-	0.0	0.0	-	0.0	0.0
Region 1	1	2.0	3.6	-	0.0	0.0
Region 2	3	9.1	10.7	1	35.7	14.3
Region 3	3	4.0	10.7	1	13.2	14.3
Region 4A	2	2.0	7.1	-	0.0	0.0
Region 4B	-	0.0	0.0	-	0.0	0.0
Region 5	4	5.2	14.3	-	0.0	0.0
Region 6	2	2.6	7.1	-	0.0	0.0
Region 7	1	1.8	3.6	-	0.0	0.0
Region 8	-	0.0	0.0	-	0.0	0.0
Region 9	3	12.0	10.7	2	87.0	28.6
Region 10	2	4.9	7.1	1	27.0	14.3
Region 11	1	3.1	3.6	-	0.0	0.0
Region 12	1	3.6	3.6	1	58.8	14.3
CARAGA	2	9.2	7.1	-	0.0	0.0
ARMM	-	0.0	0.0	-	0.0	0.0

* Rate according to corresponding Age-Group and region

** Rate per 1000 livebirths of the corresponding Region

Number of Maternal Deaths by usual residence

Table 37

MATERNAL MORTALITY: BY AGE GROUP & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2009

Region	Age Not Stated		
	Number	Rate*	Percent
Philippines	1	0.3	100.0
National Capital Region	-	0.0	0.0
C.A.R.	-	0.0	0.0
Region 1	-	0.0	0.0
Region 2	-	0.0	0.0
Region 3	-	0.0	0.0
Region 4A	-	0.0	0.0
Region 4B	-	0.0	0.0
Region 5	-	0.0	0.0
Region 6	-	0.0	0.0
Region 7	-	0.0	0.0
Region 8	1	3.5	100.0
Region 9	-	0.0	0.0
Region 10	-	0.0	0.0
Region 11	-	0.0	0.0
Region 12	-	0.0	0.0
CARAGA	-	0.0	0.0
ARMM	-	0.0	0.0

* Rate according to corresponding Age-Group and region

** Rate per 1000 livebirths of the corresponding Region

Number of Maternal Deaths by usual residence

Table 38

FETAL DEATHS BY TYPE OF ATTENDANCE & REGION
Number & Percent Distribution
Philippines, 2009

Area	Type of Attendance												
	Total Fetal Deaths	Physician		Nurse		Midwife		Traditional Birth Attendants		Others		Not Stated	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Philippines	8,043	6,357	79.0	60	0.8	632	7.86	981	12.20	4	0.0	9	0.1
NCR	1,692	1,570	92.8	12	0.7	70	4.1	39	2.3	1	0.1	-	-
CAR	98	96	98.0	-	-	2	2.0	-	-	-	-	-	-
Region 1	535	406	75.9	6	1.1	66	12.3	57	10.7	-	-	-	-
Region 2	138	126	91.3	-	-	6	4.3	6	4.3	-	-	-	-
Region 3	520	423	81.3	1	0.2	51	9.8	45	8.7	-	-	-	-
Region 4A	1,536	1,126	73.3	10	0.7	152	9.9	246	16.0	-	-	2	0.1
Region 4B	191	138	72.3	-	-	15	7.9	38	19.9	-	-	-	-
Region 5	501	325	64.9	9	1.8	33	6.6	133	26.5	-	-	1	0.2
Region 6	559	414	74.1	4	0.7	48	8.6	91	16.3	1	0.2	1	0.2
Region 7	989	716	72.4	13	1.3	115	11.6	144	14.6	1	0.1	-	-
Region 8	188	162	86.2	2	1.1	8	4.3	16	8.5	-	-	-	-
Region 9	157	146	93.0	-	-	2	1.3	9	5.7	-	-	-	-
Region 10	347	284	81.8	2	0.6	16	4.6	44	12.7	-	-	1	0.3
Region 11	282	210	74.5	1	0.4	24	8.5	44	15.6	-	-	3	1.1
Region 12	206	140	68.0	-	-	20	9.7	44	21.4	1	0.5	1	0.5
CARAGA	104	75	72.1	-	-	4	3.8	25	24.0	-	-	-	-
ARMM	-	-	-	-	-	-	-	-	-	-	-	-	-

FETAL DEATHS BY ATTENDANCE

Percent Distribution
Philippines, 2009

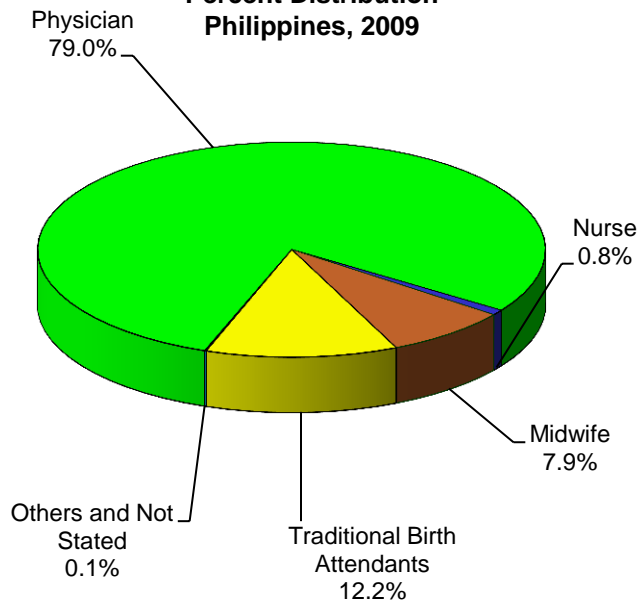


Figure 25

FETAL DEATHS BY AGE OF MOTHER

Ratio / 1,000 Livebirths
Philippines, 2009

Age Group

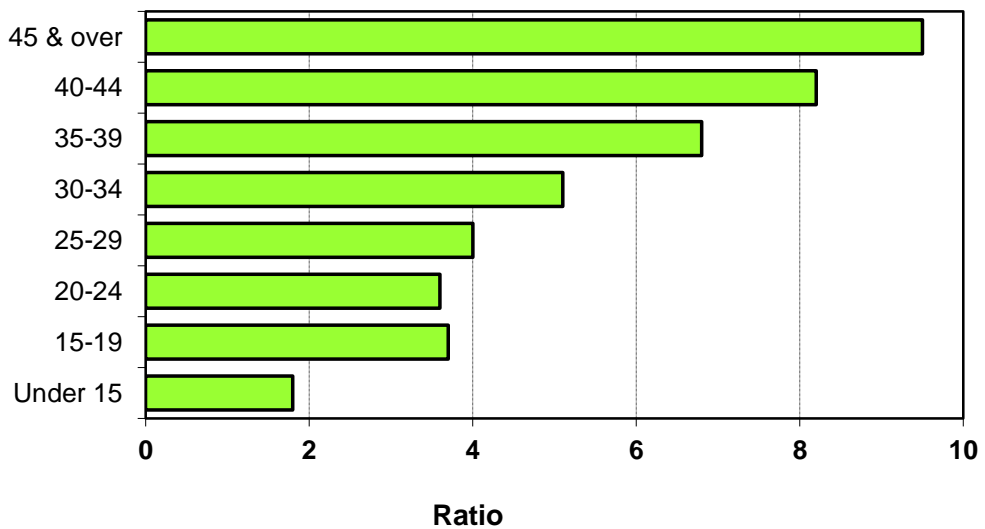


Figure 26

Table 39

LEADING CAUSES OF FETAL DEATHS BY BIRTH WEIGHT
Number and Percent*
Philippines, 2009

ICD-10 Code	CAUSES	TOTAL	BIRTH WEIGHT (IN GRAMS)					
			< 1,000		1,000 - 1,499		1,500 - 1,999	
			No.	%	No.	%	No.	%
P95	Fetal death of unspecified cause	1,914	925	48.3	7	0.4	5	0.3
P07.3	Disorders related to short gestation and low birth weight, not elsewhere classified, other preterm infants	1,792	484	27.0	319	17.8	323	18.0
P07.1	Disorders related to short gestation and low birth weight, not elsewhere classified, other low birth weight	1,317	1	0.1	373	28.3	433	32.9
P07.2	Disorders related to short gestation and low birth weight, not elsewhere classified, extreme immaturity	636	450	70.8	117	18.4	38	6.0
P07.0	Disorders related to short gestation and low birth weight, not elsewhere classified, extremely low birth weight	595	590	99.2	1	0.2	1	0.2
P20.1	Intrauterine hypoxia first noted during labour and delivery	453	181	40.0	-	0.0	-	0.0
Q89.7	Multiple congenital malformations not elsewhere classified	194	61	31.4	39	20.1	35	18.0
P76.0	Meconium plug syndrome	193	27	14.0	2	1.0	6	3.1
P20.0	Intrauterine hypoxia first noted before onset of labor	169	38	22.5	1	0.6	1	0.6
P08.2	Disorder related to long gestation and high birth weight, post-term infant, not heavy for gestational age	155	29	18.7	4	2.6	11	7.1
Q00.0	Anencephaly	124	46	37.1	10	8.1	18	14.5
Q89.9	Congenital malformation, unspecified	100	37	37.0	10	10.0	10	10.0
P36.9	Bacterial sepsis of newborn, unspecified	74	37	50.0	3	4.1	3	4.1
P83.2	Hydrops fetalis not due to haemolytic disease	67	25	37.3	12	17.9	11	16.4
Q03.0	Malformations of aqueduct of sylvius	60	19	31.7	5	8.3	7	11.7
P08.0	Disorder related to long gestation and high birth weight, exceptionally large baby	49	1	2.0	-	0.0	-	0.0
Q24.9	Congenital malformation of heart unspecified	31	10	32.3	1	3.2	-	0.0
P20.9	Intrauterine hypoxia, unspecified	16	8	50.0	1	6.3	-	0.0
Q18.4	Macrostomia	16	4	25.0	-	0.0	-	0.0
P05.9	Slow fetal growth,unspecified	10	4	40.0	4	40.0	-	0.0

*percent share from specific cause across birth weight groups

Table 39

LEADING CAUSES OF FETAL DEATHS BY BIRTH WEIGHT
Number and Percent*
Philippines, 2009

CAUSES	BIRTH WEIGHT (IN GRAMS)							
	2,000 -2,499		2,500 - 2,999		3,000 -3,499		3,500 - 3,999	
	No.	%	No.	%	No.	%	No.	%
Fetal death of unspecified cause	3	0.2	486	25.4	355	18.5	114	6.0
Disorders related to short gestation and low birth weight, not elsewhere classified, other preterm infants	294	16.4	216	12.1	107	6.0	35	2.0
Disorders related to short gestation and low birth weight, not elsewhere classified, other low birth weight	508	38.6	2	0.2	-	0.0	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, extreme immaturity	16	2.5	10	1.6	4	0.6	1	0.2
Disorders related to short gestation and low birth weight, not elsewhere classified, extremely low birth weight	2	0.3	-	0.0	-	0.0	-	0.0
Intrauterine hypoxia first noted during labour and delivery	4	0.9	125	27.6	84	18.5	41	9.1
Multiple congenital malformations not elsewhere classified	22	11.3	19	9.8	10	5.2	5	2.6
Meconium plug syndrome	21	10.9	60	31.1	50	25.9	22	11.4
Intrauterine hypoxia first noted before onset of labor	2	1.2	72	42.6	32	18.9	19	11.2
Disorder related to long gestation and high birth weight, post-term infant, not heavy for gestational age	29	18.7	34	21.9	31	20.0	10	6.5
Anencephaly	17	13.7	21	16.9	8	6.5	3	2.4
Congenital malformation, unspecified	14	14.0	14	14.0	10	10.0	5	5.0
Bacterial sepsis of newborn, unspecified	3	4.1	14	18.9	9	12.2	3	4.1
Hydrops fetalis not due to haemolytic disease	12	17.9	5	7.5	1	1.5	1	1.5
Malformations of aqueduct of sylvius	7	11.7	5	8.3	12	20.0	2	3.3
Disorder related to long gestation and high birth weight, exceptionally large baby	-	0.0	-	0.0	-	0.0	-	0.0
Congenital malformation of heart unspecified	5	16.1	6	19.4	5	16.1	3	9.7
Intrauterine hypoxia, unspecified	-	0.0	4	25.0	2	12.5	1	6.3
Macrostomia	-	0.0	-	0.0	-	0.0	2	12.5
Slow fetal growth,unspecified	-	0.0	1	10.0	1	10.0	-	0.0

*Share from specific cause across birth weight groups

Table 39

LEADING CAUSES OF FETAL DEATHS BY BIRTH WEIGHT

Number and Percent*

Philippines, 2009

CAUSES	BIRTH WEIGHT (IN GRAMS)					
	4,000 - 4,499		4,500 - 4,999		5,000 & OVER	
	No.	%	No.	%	No.	%
Fetal death of unspecified cause	18	0.9	1	0.1	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, other preterm infants	12	0.7	2	0.1	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, other low birth weight	-	0.0	-	0.0	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, extreme immaturity	-	0.0	-	0.0	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, extremely low birth weight	-	0.0	1	0.2	-	0.0
Intrauterine hypoxia first noted during labour and delivery	17	3.8	1	0.2	-	0.0
Multiple congenital malformations not elsewhere classified	3	1.5	-	0.0	-	0.0
Meconium plug syndrome	5	2.6	-	0.0	-	0.0
Intrauterine hypoxia first noted before onset of labor	4	2.4	-	0.0	-	0.0
Disorder related to long gestation and high birth weight, post-term infant, not heavy for gestational age	4	2.6	1	0.6	2	1.3
Anencephaly	1	0.8	-	0.0	-	0.0
Congenital malformation, unspecified	-	0.0	-	0.0	-	0.0
Bacterial sepsis of newborn, unspecified	-	0.0	-	0.0	2	2.7
Hydrops fetalis not due to haemolytic disease	-	0.0	-	0.0	-	0.0
Malformations of aqueduct of sylvius	2	3.3	1	1.7	-	0.0
Disorder related to long gestation and high birth weight, exceptionally large baby	-	0.0	33	67.3	15	30.6
Congenital malformation of heart unspecified	1	3.2	-	0.0	-	0.0
Intrauterine hypoxia, unspecified	-	0.0	-	0.0	-	0.0
Macrostomia	6	37.5	3	18.8	1	6.3
Slow fetal growth,unspecified	-	0.0	-	0.0	-	0.0

are from specific cause across birth weight groups

Table 40

FETAL DEATHS BY AGE OF MOTHER AND BIRTH ORDER
Philippines, 2009

Birth Order	Total Fetal Deaths	Age of Mother (Years)									
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over	Not Stated
First	3,151	2	563	1,071	742	410	200	56	6	-	101
Second	1,727	-	132	474	477	377	209	47	6	-	5
Third	1,131	-	16	169	313	344	219	61	5	-	4
Fourth	774	-	5	52	175	258	194	77	11	-	2
Fifth	507	-	-	21	90	136	163	79	15	-	3
Sixth	273	-	-	1	31	62	106	64	7	-	2
Seventh	188	-	-	1	14	40	74	53	5	-	1
Eight & Over	281	-	-	-	6	38	111	102	22	1	1
Not Stated	11	-	1	-	3	-	-	-	-	-	7
Total Fetal Death	8,043	2	717	1,789	1,851	1,665	1,276	539	77	1	126
Percent	100.0	0.0	8.9	22.2	23.0	20.7	15.9	6.7	1.0	0.0	1.6
Ratio *	4.6	1.8	3.7	3.6	4.0	5.1	6.8	8.2	10.0	1.9	42.0
Total Livebirths by Age of Mother	1,745,585	1,113	194,549	495,958	461,020	328,063	187,578	66,064	7,712	528	3,000

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

Table 41

MORTALITY AMONG LOWER AGE GROUP : TEN (10) LEADING CAUSES
by Age Group & Sex
Number & Rate / 100,000 Population
Philippines, 2009

Cause	1-4 Years			
	Male	Female	Both Sexes	Rate*
1. Pneumonia (J12-J18)	1,139	979	2,118	23.43
2. Accidents (V01-Y89)	693	469	1,162	12.86
2. Diarrheas and gastroenteritis of presumed infectious origin (A09)	625	467	1,092	12.08
3. Congenital anomalies (Q00-Q99)	421	384	805	8.91
4. Septicemia (A40-A41)	277	233	510	5.64
5. Ill-defined and unknown causes of mortality (R00-R68, R70-R99)	293	184	477	5.28
6. Other diseases of the nervous system (G04-G12, G23-G25, G31-G37, G41-G98)	246	191	437	4.83
7. Chronic lower respiratory diseases (J40-J47)	200	230	430	4.76
8. Dengue fever and dengue hemorrhagic fever (A90-A91)	142	199	341	3.77
9. Meningitis (G00, G03)	192	147	339	3.75
10. Malignant neoplasms (C00-C97)	156	124	280	3.10

Cause	5-9 Years			
	Male	Female	Both Sexes	Rate*
1. Accidents (V01-Y89)	776	435	1,211	11.39
2. Pneumonia (J12-J18)	354	281	635	5.97
3. Dengue fever and dengue hemorrhagic fever (A90-A91)	165	218	383	3.60
4. Malignant neoplasms (C00-C97)	210	154	364	3.42
5. Congenital anomalies (Q00-Q99)	177	165	342	3.22
6. Other diseases of the nervous system (G04-G12, G23-G25, G31-G37, G41-G98)	196	122	318	2.99
7. Diarrheas and Gastroenteritis of presumed infectious origin (A09)	114	95	209	1.97
8. Meningitis (G00, G03)	108	84	192	1.81
9. Septicemia (A40-A41)	119	71	190	1.79
10. Diseases of the heart (I00-I09, I11, I13, I20-I52)	103	71	174	1.64

Cause	10-14 Years			
	Male	Female	Both Sexes	Rate*
1. Accidents (V01-Y89)	797	353	1,150	11.02
2. Pneumonia (J12-J18)	249	181	430	4.12
3. Malignant neoplasms (C00-C95)	231	180	411	3.94
4. Diseases of the heart (I00-I09, I11, I13, I20-I52)	191	180	371	3.56
5. Other diseases of the nervous system (G04-G12, G23-G25, G31-G37, G41-G98)	152	112	264	2.53
6. Congenital anomalies (Q00-Q99)	126	119	245	2.35
7. Tuberculosis, all forms (A15-A19, B90)	113	89	202	1.94
8. Dengue fever and dengue hemorrhagic fever (A90-A91)	89	75	164	1.57
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	85	72	157	1.50
10. Septicemia (A40-A41)	83	70	153	1.47

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

Table 42

MORTALITY AMONG IMMUNIZABLE DISEASES
(Under 1; 1 - 4; 5 - 9; 10 - 14 Years)
Number & Rate/100,000 Population*
Philippines, 2009

Cause	Under 1		1 - 4 Years		5 - 9 Years		10 - 14 Years	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1. Measles (B05)	6	0.3	14	0.2	3	0.0	1	0.0
2. Tetanus (A33, A35)	52	2.3	10	0.1	26	0.2	32	0.3
3. Tuberculosis of Meninges (A17)	13	0.6	93	1.0	72	0.7	65	0.6
4. Diphtheria (A36)	-	0.0	6	0.1	7	0.1	3	0.0
5. Tuberculosis, all forms (A15-A16; A18-A19; B90)	23	1.0	140	1.5	128	1.2	202	1.9
6. Acute Poliomyelitis, including late effects (A80; B91)	-	0.0	-	0.0	4	0.0	-	0.0

* population of specific age group