

The 2016 Philippine Health Statistics

**Epidemiology Bureau
Department of Health**

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DEFINITION OF TERMS

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

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

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

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 Ratio (MMR)

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

Maternal Mortality Rate (MMR)

$$\text{MMR} = \frac{\text{Total no. of deaths from maternal causes registered for a given year}}{\text{Total no. of women under reproductive age}} \times 1,000$$

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 Philippine Statistics Authority (PSA), this Department and our partners from the local health units. The statistical data on births, deaths and population estimates were provided by the PSA 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, analyzed, 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 for planning, implementation and assessment of health programs and services of health authorities at various levels of health sectors. These data can also be utilized to assess costs of health care, develop and improve health interventions, or identify targets for health programs. These are also 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 Epidemiology Bureau (EB), 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 *2016 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), now known as PSA as per RA 10625, otherwise known as the Philippine Statistical Act of 2013, 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 PSA 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 PSA consolidates and tabulates total counts of registered live births and deaths. Fetal and infant deaths have separate tables for deaths by cause, while, causes of maternal death were taken from deaths by age group and by cause.

By virtue of a Memorandum of Agreement between the PSA 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 Municipal Health Offices (MHOs) and Provincial Health Offices (PHOs). 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 Epidemiology Bureau (EB) 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

In lieu of the official census-based national, regional and provincial population projection, which is still under completion by the Inter-Agency Working Group on Population Projection (IAGPP) at the time PHS 2016 was developed, this publication adopted the DOH Department Memorandum No. 2014-0008. The memorandum states that the DOH computed population based on growth rate between census years 2000 and 2010 can be used for preparation of statistical reports for Health Sector only, pending the release of official estimated population of the PSA.

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, eighty (80) 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

The Mortality statistics was tabulated based on the underlying cause of death documented on the medical certificate of cause of death. The underlying cause has been defined as the disease or injury which initiated the train of morbid events leading directly to death; or the circumstances of the accident or violence which produced the fatal injury. The selected cause of death does not include symptoms and modes of dying, such as heart failure or respiratory failure.

On the other hand, Morbidity statistics was tabulated based on the report submitted through FHSIS from the list of Notifiable Diseases. Other diseases not on the list were also reported as it occurred in the population. These were then summarized and ranked according to the number of cases per reported disease.

The Morbidity and Mortality statistics in this publication were classified and tabulated in accordance with the International Classification of Diseases, Version 10 (ICD-10). Mortality Tabulation List 1 was used to tabulate Mortality by Cause, Age Group and Sex. 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.

Philippine Health Picture

1996- 2016



TOTAL POPULATION
Increased from 69,951,810 to 103,711,049
48% Increase



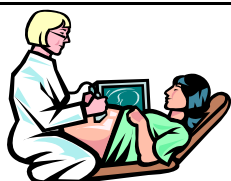
CRUDE BIRTH RATE
Decreased from 23.0 to 16.7
27% Decrease



CRUDE DEATH RATE
Increased from 4.9 to 5.6
14% Increase



INFANT DEATH RATE
Declined from 19.0 to 12.6
34% Decrease



MATERNAL DEATH RATE
Decreased from 1.0 to 0.9
10% Decrease



FETAL DEATH RATIO
Declined from 6.0 to 4.6
23% Decrease

Table 1

ESTIMATED POPULATION BY SEX
Philippines, 1966-2016

Year	Both Sexes	Male	Female
2016	103,711,049	52,379,724	51,331,325
2015	100,979,303	51,069,962	49,909,341
2014	99,874,258	50,398,082	49,476,175
2013	98,011,951	49,468,720	48,543,231
2012	96,184,369	48,556,453	47,627,916
2011	94,385,998	47,658,536	46,727,462
2010	94,013,200	47,263,600	46,749,600
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

Table 2

ESTIMATED POPULATION
By Region, Province & City
Philippines, 2016

Area	Population	Area	Population
PHILIPPINES	103,711,049	Tuguegarao City	150,976
NATIONAL CAPITAL REGION	13,205,216	City of Cauayan	134,844
City of Manila	1,686,621	Iligan City	145,034
City of Mandaluyong	355,590	City of Santiago	148,268
City of Marikina	447,099	REGION III - CENTRAL LUZON	11,534,111
City of Pasig	797,054	Aurora	219,771
Quezon City	3,190,989	Bataan	680,438
City of San Juan	123,266	Bulacan	2,379,562
Kalookan City	1,722,366	Nueva Ecija	1,473,328
City of Malabon	362,836	Pampanga	1,723,158
City of Navotas	261,648	Tarlac	1,057,971
City of Valenzuela	639,790	Zambales	607,584
City of Las Piñas	608,833	City of Balanga	99,912
City of Makati	566,015	City of Malolos	278,720
City of Muntinlupa	481,468	City of Meycauayan	223,114
City of Parañaque	692,381	City of San Jose Del Monte	563,487
Pasay City	417,005	Cabanatuan City	307,976
Pateros	68,663	City of Gapan	109,601
Taguig City	783,592	Science City of Muñoz	82,059
CORDILLERA ADMINISTRATIVE REGION	1,792,078	Palayan City	41,342
Abra	251,144	San Jose City	144,108
Apayao	123,126	Angeles City	367,653
Benguet	456,332	Mabalacat City	247,241
Ifugao	211,374	City of San Fernando	332,358
Kalinga	220,255	City of Tarlac	357,162
Mt. Province	162,793	Olangapo City	237,565
Baguio City	367,053	REGION IVA - CALABARZON	15,172,632
REGION I - ILOCOS	5,113,827	Batangas	1,857,796
Ilocos Norte	433,941	Cavite	1,384,172
Ilocos Sur	585,139	Laguna	1,025,392
La Union	674,242	Quezon	1,806,363
Pangasinan	2,408,350	Rizal	2,286,049
City of Batac	57,397	Batangas City	345,263
Laoag City	111,688	Lipa City	330,288
City of Candon	62,792	City of Tanauan	177,469
City of Vigan	52,712	Bacoar City	704,476
City of San Fernando	123,443	Cavite City	99,716
City of Alaminos	92,828	City of Dasmariñas	726,473
Dagupan City	187,908	City of General Trias	392,477
San Carlos City	188,868	Imus City	384,509
City of Urdaneta	134,518	Tagaytay City	73,474
REGION II - CAGAYAN VALLEY	3,510,762	Trece Martires City	179,968
Batanes	16,660	City of Biñan	341,906
Cagayan	1,061,264	Cabuyao City	408,836
Isabela	1,199,098	City of Calamba	464,884
Nueva Vizcaya	458,128	San Pablo City	271,584
Quirino	196,490	City of San Pedro	333,389
		City of Santa Rosa	361,921
		City of Tayabas	106,227
		Lucena City	280,241
		City of Antipolo	829,760

Reference: DOH DM No. 2014-0008

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

Table 2

ESTIMATED POPULATION
By Region, Province & City
Philippines, 2016

Area	Population	Area	Population
REGION IVB - MIMAROPA	3,057,039	REGION VII - CENTRAL VISAYAS	7,565,674
Marinduque	233,406	Bohol	1,218,944
Occidental Mindoro	502,287	Cebu	2,040,249
Oriental Mindoro	717,430	Negros Oriental	818,655
Palawan	902,894	Siquijor	97,171
Romblon	295,356		
		Tagbilaran City	109,956
Calapan City	135,945	City of Bogu	71,317
Puerto Princesa City	269,721	City of Carcar	116,059
		Cebu City	1,001,530
REGION V - BICOL	5,920,478	Danao City	129,227
Albay	877,385	Lapu-Lapu City	485,467
Camarines Norte	591,956	Mandaue City	396,803
Camarines Sur	1,689,397	City of Naga	113,378
Catanduanes	267,140	City of Talisay	233,689
Masbate	827,908	Toledo City	161,862
Sorsogon	599,324	Bais City	78,745
		City of Bayawan	122,105
Legazpi City	199,166	Canlaon City	53,071
City of Ligao	114,531	Dumaguete City	133,397
City of Tabaco	137,220	City of Guihulngan	99,282
Iriga City	117,712	City of Tanjay	84,767
Naga City	202,146		
City of Masbate	94,695	REGION VIII - EASTERN VISAYAS	4,430,334
City of Sorsogon	201,898	Biliran	176,328
		Eastern Samar	395,211
REGION VI - WESTERN VISAYAS	7,703,570	Leyte	1,343,380
Aklan	594,523	Northern Samar	650,069
Antique	595,759	Samar	504,413
Capiz	584,709	Southern Leyte	336,614
Guimaras	177,505		
Iloilo	1,886,628	City of Borongan	69,297
Negros Occidental	1,081,300	City of Baybay	107,054
		Ormoc City	217,221
Roxas City	177,343	Tacloban City	251,751
Iloilo City	464,650	Calbayog City	190,175
City of Passi	86,328	City of Catbalogan	100,872
Bacolod City	569,542	City of Maasin	87,949
Bago City	177,184		
Cadiz City	157,186	REGION IX - ZAMBOANGA PENINSULA	3,814,158
City of Escalante	102,439	Zamboanga Del Norte	831,938
City of Himamaylan	112,599	Zamboanga Del Sur	921,657
City of Kabankalan	179,164	Zamboanga Sibugay	644,931
La Carlota City	68,699		
Sagay City	147,480	Dapitan City	83,399
San Carlos City	137,330	Dipolog City	134,631
Silay City	129,564	City of Isabela	116,992
City of Sipalay	70,690	Pagadian City	218,810
City of Talisay	110,651	Zamboanga City	861,799
City of Victorias	92,297		

Reference: DOH DM No. 2014-0008

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, 2016

Area	Population	Area	Population
REGION X - NORTHERN MINDANAO	4,865,413	REGION XII - SOCCSKSARGEN	4,768,455
Bukidnon	1,094,793	Cotabato	1,280,976
Camiguin	90,151	Saranggani	560,355
Lanao del Norte	707,135	South Cotabato	745,919
Misamis Occidental	334,807	Sultan Kudarat	767,414
Misamis Oriental	792,418		
		Cotabato City	369,894
City of Malaybalay	172,152	City of Kidapawan	141,383
City of Valencia	203,102	General Santos City	631,629
Iligan City	347,335	City of Koronadal	174,272
Oroquieta City	75,033	City of Tacurong	96,612
Ozamis City	146,116		
Tangub City	67,018	REGION XIII - CARAGA	2,657,380
Cagayan de Oro City	707,448	Agusan del Norte	285,244
Gingoog City	127,906	Agusan del Sur	620,904
REGION XI - DAVAO	5,033,163	Surigao del Norte	334,289
		Surigao del Sur	447,900
Compostela Valley	761,450	Dinagat Islands	140,609
Davao	495,097		
Davao Del Sur	454,486	Butuan City	338,607
Davao Oriental	426,296	City of Cabadbaran	79,338
Davao Occidental	320,203	City of Bayugan	102,513
		Surigao City	155,570
City of Panabo	204,118	City of Bislig	95,187
Island Garden City of Samal	104,563	City of Tandag	57,220
City of Tagum	291,013		
Davao City	1,669,208	AUTONOMOUS REGION OF MUSLIM MINDANAO	3,566,757
City of Digos	166,779	Basilan	239,433
City of Mati	139,950	Lanao del Sur	791,690
		Maguindanao	1,044,390
		Sulu	785,735
		Tawi-tawi	396,256
		City of Lamitan	76,222
		Marawi City	233,031

Reference: DOH DM No. 2014-0008

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.

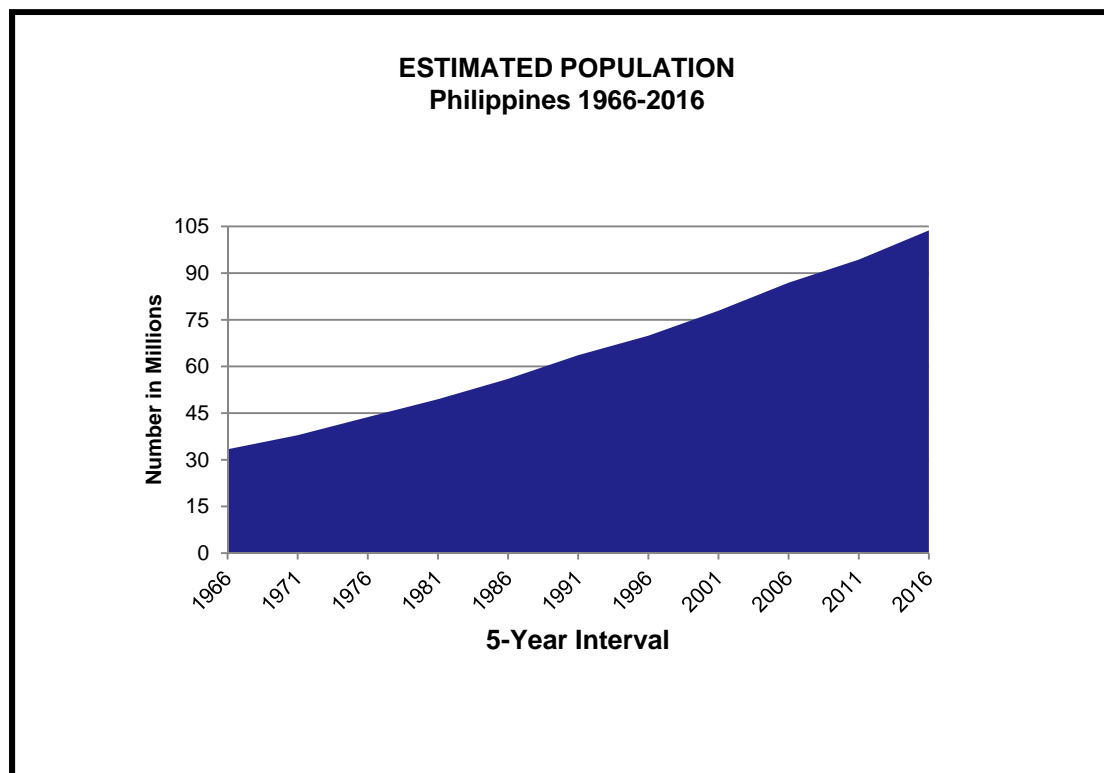


Figure 2

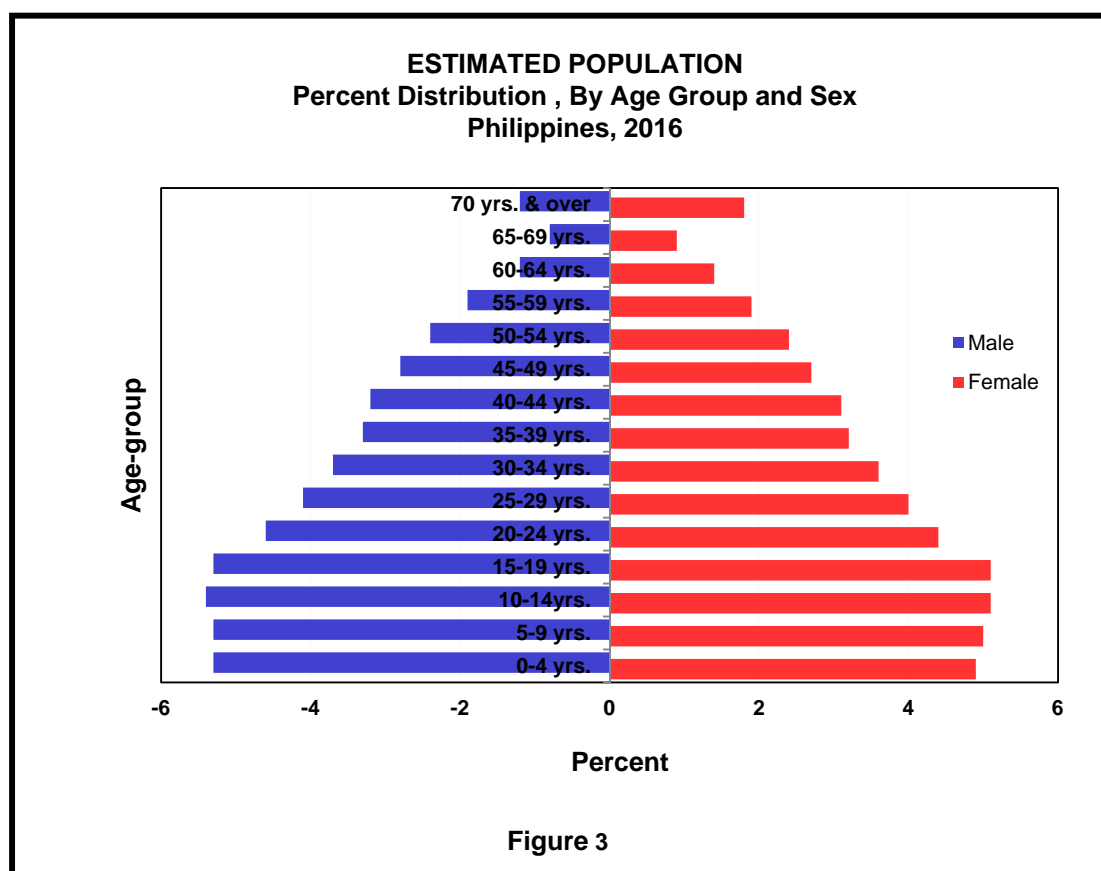


Figure 3

Table 3

ESTIMATED POPULATION
Number and Percent Distribution
By Age Group and Sex
Philippines, 2016

Age Group	Estimated Population			Percent*		
	Male	Female	Both Sexes	Male	Female	Both Sexes
All Ages	52,379,724	51,331,325	103,711,049	50.5	49.5	100.0
Under 1 yr.	1,046,058	977,074	2,023,132	1.0	0.9	2.0
1 - 4 yr.	4,414,134	4,106,071	8,520,205	4.3	4.0	8.2
5 - 9 yrs.	5,520,615	5,152,003	10,672,618	5.3	5.0	10.3
10 - 14 yrs.	5,647,741	5,316,355	10,964,096	5.4	5.1	10.6
15 - 19 yrs.	5,526,711	5,336,079	10,862,790	5.3	5.1	10.5
20 - 24 yrs.	4,719,398	4,590,616	9,310,014	4.6	4.4	9.0
25 - 29 yrs.	4,224,684	4,136,177	8,360,861	4.1	4.0	8.1
30 - 34 yrs.	3,880,073	3,741,579	7,621,652	3.7	3.6	7.3
35 - 39 yrs.	3,455,143	3,332,638	6,787,780	3.3	3.2	6.5
40 - 44 yrs.	3,275,987	3,166,633	6,442,620	3.2	3.1	6.2
45 - 49 yrs.	2,909,844	2,834,883	5,744,727	2.8	2.7	5.5
50 - 54 yrs.	2,484,351	2,461,320	4,945,671	2.4	2.4	4.8
55 - 59 yrs.	1,941,077	1,982,489	3,923,567	1.9	1.9	3.8
60 - 64 yrs.	1,283,898	1,401,092	2,684,991	1.2	1.4	2.6
65 - 69 yrs.	802,207	961,383	1,763,590	0.8	0.9	1.7
70 yrs. & Over	1,247,803	1,834,933	3,082,736	1.2	1.8	3.0

* Percent share to total population

Table 4

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, MATERNAL DEATHS & FETAL DEATHS
Number & Rate
Philippines, 1966- 2016

Year	Livebirths		Total Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate**	Number	Ratio**
2016	1,731,289	16.7	582,183	5.6	21,874	12.6	1,483	0.9	8,020	4.6
2015	1,744,767	17.3	560,605	5.6	20,750	11.9	1,721	1.0	7,676	4.4
2014	1,748,857	17.5	536,999	5.4	21,108	12.1	1,570	0.9	7,664	4.4
2013	1,761,602	18.0	531,280	5.4	21,992	12.5	1,522	0.9	7,474	4.2
2012	1,790,367	18.6	514,745	5.4	22,254	12.4	1,447	0.8	7,862	4.4
2011	1,746,684	18.5	498,486	5.3	22,283	12.8	1,469	0.8	8,173	4.7
2010	1,782,981	19.0	488,265	5.2	22,476	12.6	1,719	1.0	8,095	4.5
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

* Per 1000 Population

** Per 1000 Livebirths

CRUDE BIRTH AND DEATH RATES

Rate/1,000 Population
Philippines, 1966-2016

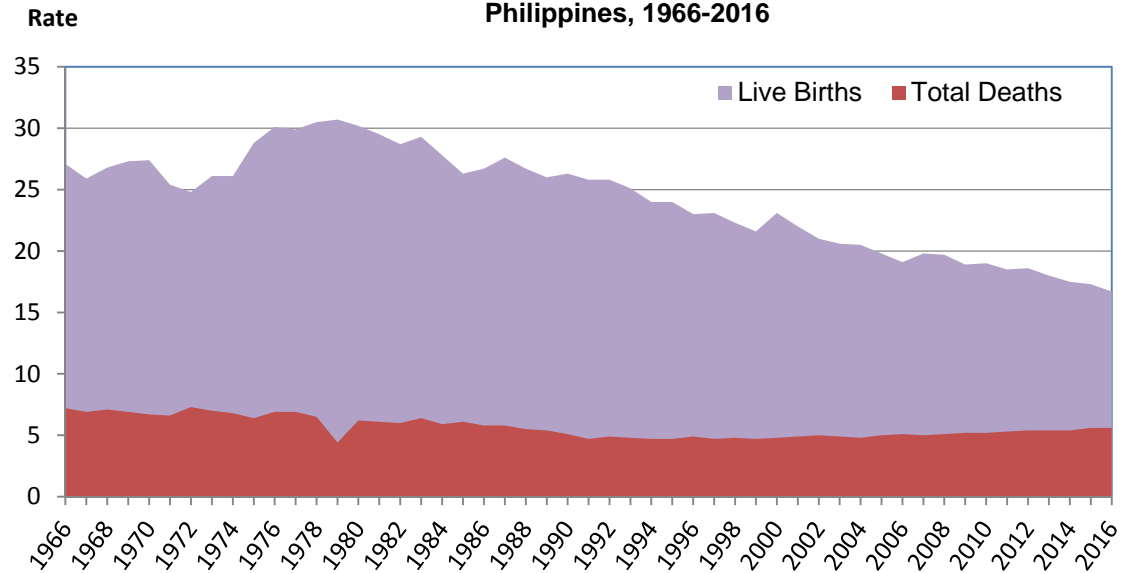


Figure 4

INFANT AND MATERNAL DEATH RATES

Rate/1,000 Livebirths
Philippines, 1966-2016

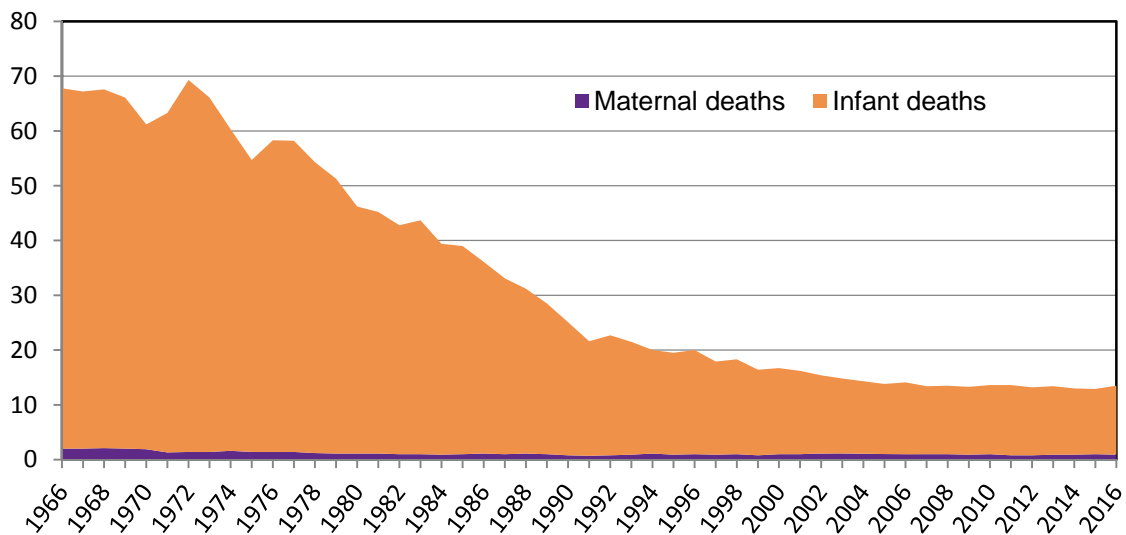


Figure 5

Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2016

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
PHILIPPINES	1,731,289	16.7	582,183	5.6	21,874	12.6	8,020	4.6	1,483	0.9
NCR	219,936	16.7	76,839	5.8	3,687	16.8	1,586	7.2	159	0.7
City of Manila	32,182	19.1	12,573	7.5	580	18.0	526	16.3	12	0.4
City of Mandaluyong	6,606	18.6	2,326	6.5	90	13.6	34	5.1	3	0.5
City of Marikina	7,845	17.5	3,171	7.1	154	19.6	75	9.6	8	1.0
City of Pasig	14,150	17.8	4,220	5.3	195	13.8	91	6.4	10	0.7
Quezon City	49,385	15.5	16,460	5.2	871	17.6	421	8.5	40	0.8
City of San Juan	1,671	13.6	810	6.6	22	13.2	16	9.6	2	1.2
Kalookan City	28,225	16.4	9,235	5.4	361	12.8	49	1.7	16	0.6
City of Malabon	5,867	16.2	2,389	6.6	105	17.9	11	1.9	3	0.5
City of Navotas	4,130	15.8	1,783	6.8	85	20.6	13	3.1	4	1.0
City of Valenzuela	10,829	16.9	3,769	5.9	224	20.7	73	6.7	12	1.1
City of Las Piñas	10,238	16.8	3,614	5.9	180	17.6	43	4.2	9	0.9
City of Makati	8,645	15.3	3,363	5.9	140	16.2	59	6.8	4	0.5
City of Muntinlupa	7,391	15.4	2,767	5.7	135	18.3	49	6.6	7	0.9
City of Parañaque	10,881	15.7	3,638	5.3	210	19.3	36	3.3	5	0.5
Pasay City	6,423	15.4	2,543	6.1	99	15.4	38	5.9	5	0.8
Pateros	896	13.0	481	7.0	18	20.1	1	1.1	3	3.3
City of Taguig	14,572	18.6	3,697	4.7	218	15.0	51	3.5	16	1.1
CAR	29,285	16.3	8,329	4.6	250	8.5	125	4.3	18	0.6
Abra	3,699	14.7	1,684	6.7	43	11.6	-	0.0	5	1.4
Apayao	1,793	14.6	531	4.3	9	5.0	7	3.9	3	1.7
Benguet	7,474	16.4	1,909	4.2	70	9.4	32	4.3	1	0.1
Ifugao	3,653	17.3	836	4.0	26	7.1	-	0.0	3	0.8
Kalinga	3,647	16.6	930	4.2	19	5.2	16	4.4	3	0.8
Mt. Province	2,602	16.0	853	5.2	37	14.2	32	12.3	2	0.8
Baguio City	6,417	17.5	1,586	4.3	46	7.2	38	5.9	1	0.2
REGION I - ILOCOS	82,206	16.1	35,666	7.0	1,205	14.7	452	5.5	69	0.8
Ilocos Norte	5,942	13.7	3,258	7.5	86	14.5	12	2.0	5	0.8
Ilocos Sur	8,159	13.9	4,104	7.0	100	12.3	20	2.5	3	0.4
La Union	9,917	14.7	4,520	6.7	168	16.9	25	2.5	10	1.0
Pangasinan	41,197	17.1	16,482	6.8	583	14.2	65	1.6	39	0.9
City of Batac	732	12.8	414	7.2	11	15.0	29	39.6	-	0.0
Laoag City	1,612	14.4	802	7.2	36	22.3	19	11.8	-	0.0
City of Candon	889	14.2	469	7.5	10	11.2	5	5.6	1	1.1
City of Vigan	785	14.9	417	7.9	5	6.4	16	20.4	1	1.3
City of San Fernando	1,955	15.8	834	6.8	36	18.4	41	21.0	4	2.0
City of Alaminos	1,730	18.6	678	7.3	16	9.2	33	19.1	1	0.6
Dagupan City	3,273	17.4	1,347	7.2	57	17.4	86	26.3	-	0.0
San Carlos City	3,707	19.6	1,342	7.1	67	18.1	66	17.8	3	0.8
City of Urdaneta	2,308	17.2	999	7.4	30	13.0	35	15.2	2	0.9

* 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, 2016

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
REGION II - CAGAYAN VALLEY	58,490	16.7	20,952	6.0	604	10.3	143	2.4	29	0.5
Batanes	256	15.4	139	8.3	4	15.6	4	15.6	1	3.9
Cagayan	16,013	15.1	6,669	6.3	169	10.6	9	0.6	3	0.2
Isabela	19,172	16.0	6,862	5.7	167	8.7	18	0.9	16	0.8
Nueva Vizcaya	8,982	19.6	2,487	5.4	93	10.4	37	4.1	3	0.3
Quirino	3,439	17.5	936	4.8	45	13.1	9	2.6	2	0.6
Tuguegarao City	2,798	18.5	1,306	8.7	47	16.8	16	5.7	2	0.7
City of Cauayan	2,402	17.8	869	6.4	23	9.6	8	3.3	1	0.4
Ilagan City	2,422	16.7	785	5.4	19	7.8	15	6.2	1	0.4
City of Santiago	3,006	20.3	899	6.1	37	12.3	27	9.0	-	0.0
REGION III - CENTRAL LUZON	191,245	16.6	68,757	6.0	2,480	13.0	758	4.0	112	0.6
Aurora	3,792	17.3	1,155	5.3	35	9.2	4	1.1	3	0.8
Bataan	12,880	18.9	4,228	6.2	183	14.2	17	1.3	5	0.4
Bulacan	37,382	15.7	13,646	5.7	605	16.2	112	3.0	26	0.7
Nueva Ecija	21,025	14.3	8,835	6.0	244	11.6	14	0.7	9	0.4
Pampanga	28,226	16.4	9,143	5.3	201	7.1	42	1.5	10	0.4
Tarlac	15,565	14.7	5,691	5.4	124	8.0	31	2.0	3	0.2
Zambales	11,504	18.9	3,987	6.6	178	15.5	66	5.7	6	0.5
City of Balanga	1,904	19.1	610	6.1	29	15.2	104	54.6	-	0.0
City of Malolos	3,585	12.9	1,631	5.9	71	19.8	114	31.8	3	0.8
City of Meycauayan	4,035	18.1	1,373	6.2	75	18.6	17	4.2	3	0.7
City of San Jose Del Monte	9,420	16.7	3,206	5.7	149	15.8	20	2.1	7	0.7
Cabanatuan City	4,545	14.8	1,925	6.3	63	13.9	59	13.0	1	0.2
City of Gapan	1,953	17.8	783	7.1	31	15.9	1	0.5	1	0.5
Science City of Muñoz	1,053	12.8	551	6.7	15	14.2	-	0.0	1	0.9
Palayan City	613	14.8	223	5.4	5	8.2	-	0.0	-	0.0
San Jose City	2,256	15.7	938	6.5	32	14.2	11	4.9	3	1.3
Angeles City	7,642	20.8	2,508	6.8	99	13.0	31	4.1	6	0.8
Mabalacat City	5,076	20.5	1,411	5.7	35	6.9	13	2.6	2	0.4
City of San Fernando	6,656	20.0	1,820	5.5	59	8.9	57	8.6	2	0.3
City of Tarlac	7,736	21.7	3,537	9.9	187	24.2	45	5.8	19	2.5
Olangapo City	4,397	18.5	1,556	6.5	60	13.6	-	0.0	2	0.5
REGION IVA - CALABARZON	251,344	16.6	82,764	5.5	3,727	14.8	1,226	4.9	213	0.8
Batangas	30,071	16.2	10,951	5.9	408	13.6	143	4.8	25	0.8
Cavite	23,682	17.1	8,062	5.8	359	15.2	55	2.3	15	0.6
Laguna	16,811	16.4	6,486	6.3	215	12.8	53	3.2	21	1.2
Quezon	30,068	16.6	10,754	6.0	413	13.7	126	4.2	27	0.9
Rizal	38,301	16.8	11,441	5.0	505	13.2	132	3.4	37	1.0
Batangas City	5,219	15.1	2,059	6.0	97	18.6	72	13.8	3	0.6
Lipa City	6,453	19.5	1,851	5.6	89	13.8	44	6.8	2	0.3
City of Tanauan	3,255	18.3	1,109	6.2	63	19.4	57	17.5	4	1.2
Bacoor City	10,067	14.3	3,132	4.4	163	16.2	12	1.2	9	0.9
Cavite City	1,534	15.4	857	8.6	31	20.2	11	7.2	-	0.0

* per 1000 population

** per 1000 livebirths

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Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2016

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
City of Dasmariñas	10,523	14.5	3,355	4.6	173	16.4	54	5.1	7	0.7
City of General Trias	5,485	14.0	1,455	3.7	99	18.0	22	4.0	7	1.3
Imus City	6,415	16.7	2,047	5.3	67	10.4	9	1.4	8	1.2
Tagaytay City	1,180	16.1	384	5.2	14	11.9	-	0.0	-	0.0
Trece Martires City	3,028	16.8	751	4.2	68	22.5	71	23.4	3	1.0
City of Biñan	6,150	18.0	1,776	5.2	91	14.8	28	4.6	3	0.5
Cabuyao City	5,310	13.0	1,429	3.5	70	13.2	13	2.4	4	0.8
City of Calamba	8,522	18.3	2,330	5.0	156	18.3	87	10.2	9	1.1
San Pablo City	4,955	18.2	1,840	6.8	78	15.7	55	11.1	4	0.8
City of San Pedro	5,242	15.7	1,944	5.8	85	16.2	11	2.1	2	0.4
City of Santa Rosa	6,170	17.0	1,709	4.7	81	13.1	37	6.0	8	1.3
City of Tayabas	1,769	16.7	602	5.7	21	11.9	7	4.0	2	1.1
Lucena City	4,981	17.8	1,860	6.6	83	16.7	64	12.8	2	0.4
City of Antipolo	16,153	19.5	4,580	5.5	298	18.4	63	3.9	11	0.7
REGION IVB - MIMAROPA	48,888	16.0	16,105	5.3	693	14.2	187	3.8	50	1.0
Marinduque	3,872	16.6	1,697	7.3	64	16.5	36	9.3	1	0.3
Occidental Mindoro	8,513	16.9	2,661	5.3	137	16.1	47	5.5	11	1.3
Oriental Mindoro	11,560	16.1	3,966	5.5	167	14.4	19	1.6	8	0.7
Palawan	13,350	14.8	3,471	3.8	134	10.0	20	1.5	18	1.3
Romblon	4,798	16.2	2,020	6.8	60	12.5	10	2.1	7	1.5
Calapan City	2,204	16.2	896	6.6	44	20.0	55	25.0	2	0.9
Puerto Princesa City	4,591	17.0	1,394	5.2	87	19.0	-	0.0	3	0.7
REGION V - BICOL	116,092	19.6	36,228	6.1	1,517	13.1	743	6.4	118	1.0
Albay	16,839	19.2	5,738	6.5	205	12.2	113	6.7	17	1.0
Camarines Norte	13,004	22.0	3,682	6.2	192	14.8	136	10.5	8	0.6
Camarines Sur	34,133	20.2	10,067	6.0	425	12.5	72	2.1	34	1.0
Catanduanes	5,776	21.6	1,777	6.7	84	14.5	29	5.0	6	1.0
Masbate	13,745	16.6	3,670	4.4	149	10.8	6	0.4	18	1.3
Sorsogon	12,262	20.5	4,052	6.8	136	11.1	15	1.2	14	1.1
Legazpi City	3,713	18.6	1,472	7.4	70	18.9	56	15.1	6	1.6
City of Ligao	2,317	20.2	793	6.9	39	16.8	15	6.5	1	0.4
City of Tabaco	2,757	20.1	956	7.0	60	21.8	45	16.3	-	0.0
Iriga City	2,193	18.6	862	7.3	28	12.8	9	4.1	4	1.8
Naga City	3,877	19.2	1,369	6.8	63	16.2	203	52.4	5	1.3
City of Masbate	2,076	21.9	615	6.5	31	14.9	44	21.2	3	1.4
City of Sorsogon	3,400	16.8	1,175	5.8	35	10.3	-	0.0	2	0.6
REGION VI - WESTERN VISAYAS	114,774	14.9	51,256	6.7	1,383	12.0	436	3.8	92	0.8
Aklan	9,644	16.2	3,980	6.7	146	15.1	32	3.3	7	0.7
Antique	8,137	13.7	3,999	6.7	121	14.9	53	6.5	11	1.4
Capiz	8,983	15.4	3,773	6.5	98	10.9	7	0.8	3	0.3
Guimaras	2,587	14.6	1,069	6.0	36	13.9	12	4.6	-	0.0
Iloilo	27,679	14.7	12,622	6.7	364	13.2	67	2.4	19	0.7
Negros Occidental	16,385	15.2	6,576	6.1	153	9.3	39	2.4	17	1.0

* per 1000 population

** per 1000 livebirths

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Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2016

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
Roxas City	2,755	15.5	1,051	5.9	35	12.7	12	4.4	-	0.0
Iloilo City	6,880	14.8	3,427	7.4	90	13.1	57	8.3	8	1.2
City of Passi	1,377	16.0	558	6.5	22	16.0	3	2.2	-	0.0
Bacolod City	7,603	13.3	4,434	7.8	84	11.0	32	4.2	9	1.2
Bago City	2,141	12.1	1,288	7.3	28	13.1	5	2.3	2	0.9
Cadiz City	2,599	16.5	1,029	6.5	19	7.3	7	2.7	-	0.0
City of Escalante	1,670	16.3	664	6.5	28	16.8	12	7.2	1	0.6
City of Himamaylan	1,742	15.5	727	6.5	21	12.1	2	1.1	4	2.3
City of Kabankalan	3,258	18.2	1,050	5.9	21	6.4	16	4.9	5	1.5
La Carlota City	876	12.8	542	7.9	7	8.0	2	2.3	-	0.0
Sagay City	2,516	17.1	836	5.7	19	7.6	7	2.8	3	1.2
San Carlos City	2,231	16.2	822	6.0	17	7.6	14	6.3	1	0.4
Silay City	1,996	15.4	951	7.3	22	11.0	43	21.5	1	0.5
City of Sipalay	1,074	15.2	438	6.2	18	16.8	7	6.5	1	0.9
City of Talisay	1,305	11.8	707	6.4	16	12.3	-	0.0	-	0.0
City of Victorias	1,336	14.5	713	7.7	18	13.5	7	5.2	-	0.0
REGION VII - CENTRAL VISAYAS	145,550	19.2	47,937	6.3	1,828	12.6	926	6.4	201	1.4
Bohol	20,899	17.1	8,254	6.8	249	11.9	59	2.8	9	0.4
Cebu	41,700	20.4	13,265	6.5	509	12.2	164	3.9	62	1.5
Negros Oriental	14,109	17.2	4,898	6.0	159	11.3	22	1.6	16	1.1
Siquijor	1,393	14.3	838	8.6	27	19.4	5	3.6	1	0.7
Tagbilaran City	1,521	13.8	669	6.1	28	18.4	78	51.3	-	0.0
City of Bogo	1,561	21.9	511	7.2	26	16.7	40	25.6	4	2.6
City of Carcar	2,763	23.8	722	6.2	14	5.1	15	5.4	2	0.7
Cebu City	19,941	19.9	6,760	6.7	296	14.8	311	15.6	37	1.9
Danao City	3,228	25.0	917	7.1	35	10.8	26	8.1	6	1.9
Lapu-Lapu City	9,508	19.6	2,234	4.6	110	11.6	35	3.7	20	2.1
Mandaue City	7,702	19.4	1,894	4.8	88	11.4	66	8.6	9	1.2
City of Naga	2,656	23.4	729	6.4	29	10.9	10	3.8	4	1.5
City of Talisay	4,666	20.0	1,448	6.2	63	13.5	11	2.4	12	2.6
Toledo City	4,151	25.6	1,115	6.9	43	10.4	16	3.9	7	1.7
Bais City	1,424	18.1	470	6.0	24	16.9	-	0.0	-	0.0
City of Bayawan	2,001	16.4	631	5.2	37	18.5	11	5.5	4	2.0
Canlaon City	906	17.1	299	5.6	18	19.9	4	4.4	-	0.0
Dumaguete City	2,164	16.2	1,084	8.1	40	18.5	53	24.5	3	1.4
City of Guihulngan	2,001	20.2	568	5.7	21	10.5	-	0.0	3	1.5
City of Tanjay	1,256	14.8	631	7.4	12	9.6	-	0.0	2	1.6
REGION VIII - EASTERN VISAYAS	74,725	16.9	23,821	5.4	682	9.1	243	3.3	75	1.0
Biliran	3,439	19.5	1,143	6.5	37	10.8	31	9.0	2	0.6
Eastern Samar	6,381	16.1	1,453	3.7	30	4.7	5	0.8	9	1.4
Leyte	25,629	19.1	7,777	5.8	187	7.3	47	1.8	25	1.0
Northern Samar	9,697	14.9	3,485	5.4	177	18.3	43	4.4	15	1.5
Samar	7,446	14.8	1,774	3.5	24	3.2	7	0.9	4	0.5
Southern Leyte	4,750	14.1	2,339	6.9	61	12.8	20	4.2	3	0.6

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Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2016

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
City of Borongan	1,083	15.6	359	5.2	15	13.9	7	6.5	2	1.8
City of Baybay	2,022	18.9	761	7.1	16	7.9	12	5.9	-	0.0
Ormoc City	4,059	18.7	1,218	5.6	29	7.1	-	0.0	2	0.5
Tacloban City	3,811	15.1	1,189	4.7	37	9.7	24	6.3	2	0.5
Calbayog City	3,004	15.8	1,025	5.4	25	8.3	5	1.7	7	2.3
City of Catbalogan	2,225	22.1	626	6.2	23	10.3	6	2.7	2	0.9
City of Maasin	1,179	13.4	672	7.6	21	17.8	36	30.5	2	1.7
REGION IX - ZAMBOANGA PENINSULA	63,556	16.7	17,457	4.6	594	9.3	152	2.4	53	0.8
Zamboanga Del Norte	13,236	15.9	3,743	4.5	95	7.2	7	0.5	14	1.1
Zamboanga Del Sur	13,286	14.4	3,409	3.7	98	7.4	6	0.5	6	0.5
Zamboanga Sibugay	10,958	17.0	2,448	3.8	76	6.9	24	2.2	7	0.6
Dapitan City	1,321	15.8	613	7.4	11	8.3	2	1.5	2	1.5
Dipolog City	2,069	15.4	908	6.7	23	11.1	10	4.8	1	0.5
City of Isabela	1,717	14.7	444	3.8	14	8.2	-	0.0	3	1.7
Pagadian City	4,300	19.7	1,005	4.6	41	9.5	35	8.1	2	0.5
Zamboanga City	16,669	19.3	4,887	5.7	236	14.2	68	4.1	18	1.1
REGION X - NORTHERN MINDANAO	89,359	18.4	26,070	5.4	1,000	11.2	317	3.5	79	0.9
Bukidnon	22,803	20.8	4,739	4.3	187	8.2	30	1.3	16	0.7
Camiguin	1,657	18.4	633	7.0	11	6.6	16	9.7	2	1.2
Lanao del Norte	9,766	13.8	2,535	3.6	71	7.3	15	1.5	6	0.6
Misamis Occidental	5,194	15.5	2,344	7.0	59	11.4	3	0.6	1	0.2
Misamis Oriental	13,823	17.4	4,549	5.7	184	13.3	29	2.1	10	0.7
City of Malaybalay	4,132	24.0	976	5.7	47	11.4	35	8.5	5	1.2
City of Valencia	4,361	21.5	1,156	5.7	62	14.2	5	1.1	4	0.9
Iligan City	5,932	17.1	2,259	6.5	105	17.7	51	8.6	8	1.3
Oroquieta City	1,086	14.5	611	8.1	22	20.3	3	2.8	1	0.9
Ozamis City	2,461	16.8	999	6.8	40	16.3	38	15.4	4	1.6
Tangub City	1,211	18.1	421	6.3	19	15.7	-	0.0	3	2.5
Cagayan de Oro City	14,507	20.5	3,950	5.6	150	10.3	81	5.6	12	0.8
Gingoog City	2,426	19.0	898	7.0	43	17.7	11	4.5	7	2.9
REGION XI - DAVAO	90,828	18.0	29,260	5.8	1,000	11.0	394	4.3	86	0.9
Compostela Valley	13,782	18.1	4,232	5.6	138	10.0	25	1.8	9	0.7
Davao	8,918	18.0	2,627	5.3	112	12.6	11	1.2	10	1.1
Davao Del Sur	8,312	10.7	3,061	4.0	79	9.5	22	2.6	13	1.6
Davao Oriental	9,577	22.5	3,210	7.5	88	9.2	9	0.9	12	1.3
City of Panabo	3,760	18.4	1,202	5.9	59	15.7	21	5.6	3	0.8
Island Garden City of Samal	1,979	18.9	727	7.0	23	11.6	4	2.0	1	0.5
City of Tagum	5,388	18.5	1,837	6.3	77	14.3	95	17.6	3	0.6
Davao City	33,280	19.9	10,356	6.2	366	11.0	147	4.4	30	0.9
City of Digos	3,326	19.9	1,135	6.8	37	11.1	47	14.1	4	1.2
City of Mati	2,506	17.9	873	6.2	21	8.4	13	5.2	1	0.4

* per 1000 population

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By Region, Province & City
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Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
REGION XII - SOCCSKSARGEN	78,919	16.6	22,115	4.6	666	8.4	209	2.6	62	0.8
Cotabato	22,227	17.4	5,832	4.6	148	6.7	18	0.8	11	0.5
Saranggani	9,050	16.2	2,190	3.9	43	4.8	6	0.7	10	1.1
South Cotabato	11,956	16.0	4,308	5.8	138	11.5	28	2.3	12	1.0
Sultan Kudarat	9,798	12.8	2,782	3.6	58	5.9	12	1.2	6	0.6
Cotabato City	3,643	9.8	792	2.1	10	2.7	-	0.0	3	0.8
City of Kidapawan	3,111	22.0	913	6.5	19	6.1	13	4.2	-	0.0
General Santos City	14,394	22.8	3,360	5.3	196	13.6	85	5.9	15	1.0
City of Koronadal	3,094	17.8	1,256	7.2	36	11.6	36	11.6	4	1.3
City of Tacurong	1,646	17.0	682	7.1	18	10.9	11	6.7	1	0.6
REGION XIII - CARAGA	44,135	16.6	14,939	5.6	345	7.8	117	2.7	56	1.3
Agusan del Norte	4,872	17.1	1,707	6.0	31	6.4	2	0.4	7	1.4
Agusan del Sur	10,219	16.5	2,668	4.3	67	0.0	24	0.0	10	1.0
Surigao del Norte	4,878	14.6	1,994	6.0	54	11.1	8	1.6	6	1.2
Surigao del Sur	8,352	18.6	2,496	5.6	44	5.3	11	1.3	10	1.2
Dinagat Islands	1,350	9.6	630	4.5	4	3.0	1	0.7	2	1.5
Butuan City	5,565	16.4	2,199	6.5	65	11.7	35	6.3	13	2.3
City of Cabadbaran	1,194	15.0	483	6.1	10	8.4	2	1.7	1	0.8
City of Bayugan	1,823	17.8	634	6.2	17	9.3	1	0.5	4	2.2
Surigao City	2,899	18.6	1,124	7.2	36	12.4	18	6.2	2	0.7
City of Bislig	1,866	19.6	594	6.2	11	5.9	2	1.1	-	0.0
City of Tandag	1,117	19.5	410	7.2	6	5.4	13	11.6	1	0.9
ARMM	31,067	8.7	3,236	0.9	209	6.7	5	0.2	11	0.4
Basilan	1,352	5.6	156	0.7	5	3.7	-	0.0	1	0.7
Lanao del Sur	6,098	7.7	925	1.2	60	9.8	1	0.2	-	0.0
Maguindanao	15,113	14.5	1,197	1.1	58	3.8	1	0.1	2	0.1
Sulu	3,330	4.2	488	0.6	51	15.3	3	0.9	6	1.8
Tawi-tawi	1,936	4.9	160	0.4	7	3.6	-	0.0	-	0.0
City of Lamitan	573	7.5	310	4.1	2	3.5	-	0.0	-	0.0
Marawi City	2,665	11.4	-	0.0	26	9.8	-	0.0	2	0.8
Foreign Country	890	~	452	~	4	4.5	1	1.1	-	-

* 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, 2016

Month	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
January	151,403	8.7	49,293	8.5	1,735	7.9	685	8.5
February	123,376	7.1	43,931	7.5	1,557	7.1	585	7.3
March	128,577	7.4	46,493	8.0	1,706	7.8	615	7.7
April	135,228	7.8	47,511	8.2	1,784	8.2	604	7.5
May	141,449	8.2	48,648	8.4	1,754	8.0	660	8.2
June	135,161	7.8	44,862	7.7	1,817	8.3	693	8.6
July	141,496	8.2	48,848	8.4	1,980	9.1	697	8.7
August	147,845	8.5	51,521	8.8	1,975	9.0	778	9.7
September	164,038	9.5	51,728	8.9	1,940	8.9	741	9.2
October	161,580	9.3	52,357	9.0	2,031	9.3	665	8.3
November	153,525	8.9	48,015	8.2	1,888	8.6	719	9.0
December	147,611	8.5	48,976	8.4	1,707	7.8	578	7.2
Total	1,731,289	100.0	582,183	100.0	21,874	100.0	8,020	100.0

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

HEALTH INDICES BY MONTH OF OCCURRENCE

Percent Distribution, Philippines, 2016

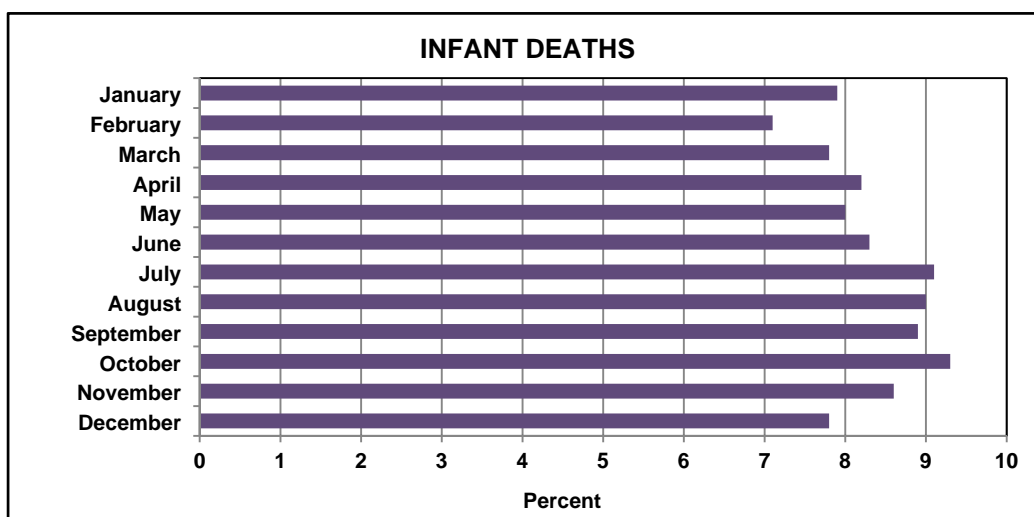
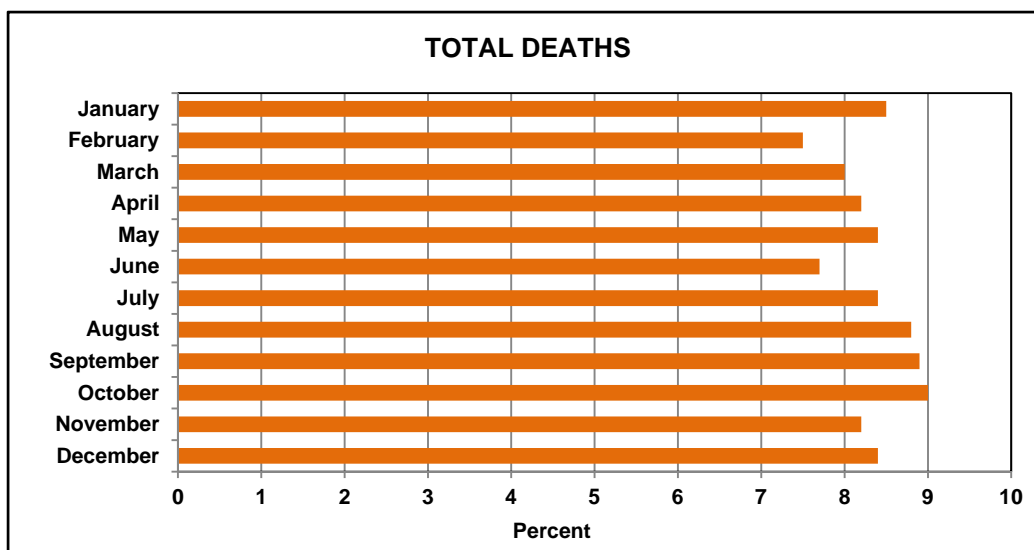
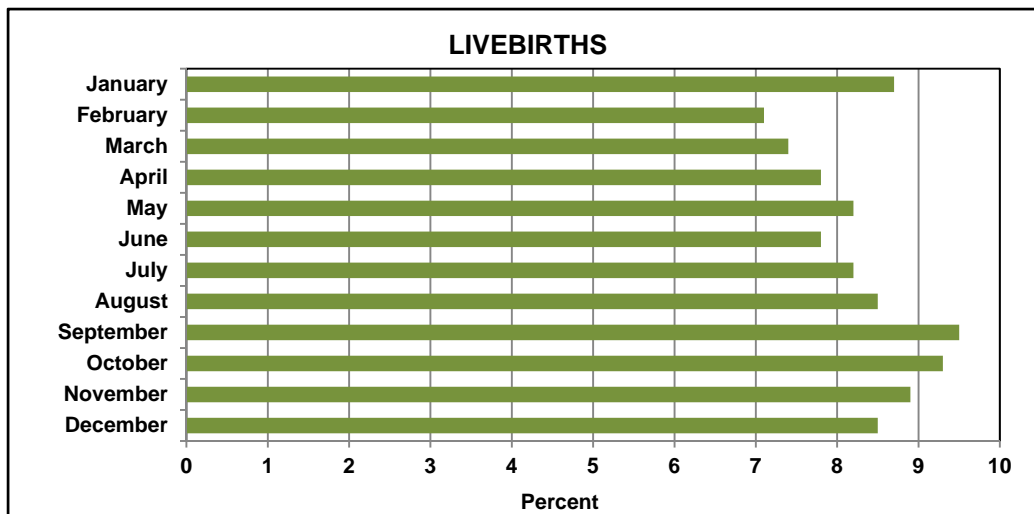


Figure 6

Table 7

**TOTAL LIVEBIRTHS, FEMALE POPULATION & FERTILITY RATE
By Region
Philippines, 2016**

Area	Total Livebirths	Female Population (15 - 49 Years)	Fertility Rate*
Philippines	1,731,289	27,138,604	6.4
National Capital Region	219,936	3,866,230	5.7
Cordillera Administrative Region	29,285	483,999	6.1
Region I - Ilocos	82,206	1,303,961	6.3
Region II - Cagayan Valley	58,490	919,240	6.4
Region III- Central Luzon	191,245	3,060,557	6.2
Region IVA - CALABARZON	251,344	4,146,540	6.1
Region IVB- MIMAROPA	48,888	739,073	6.6
Region V - Bicol	116,092	1,382,930	8.4
Region VI - Western Visayas	114,774	1,932,942	5.9
Region VII - Central Visayas	145,550	1,953,171	7.5
Region VIII - Eastern Visayas	74,725	1,037,510	7.2
Region IX - Zamboanga Peninsula	63,556	962,275	6.6
Region X - Northern Mindanao	89,359	1,232,027	7.3
Region XI - Davao	90,828	1,304,757	7.0
Region XII - SOCCSKSARGEN	78,919	1,258,870	6.3
Region XIII - CARAGA	44,135	657,670	6.7
ARMM	31,067	896,852	3.5
Foreign Country	890	~	~

Note: Livebirths by usual residence

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

FERTILITY RATE BY REGION Philippines, 2016

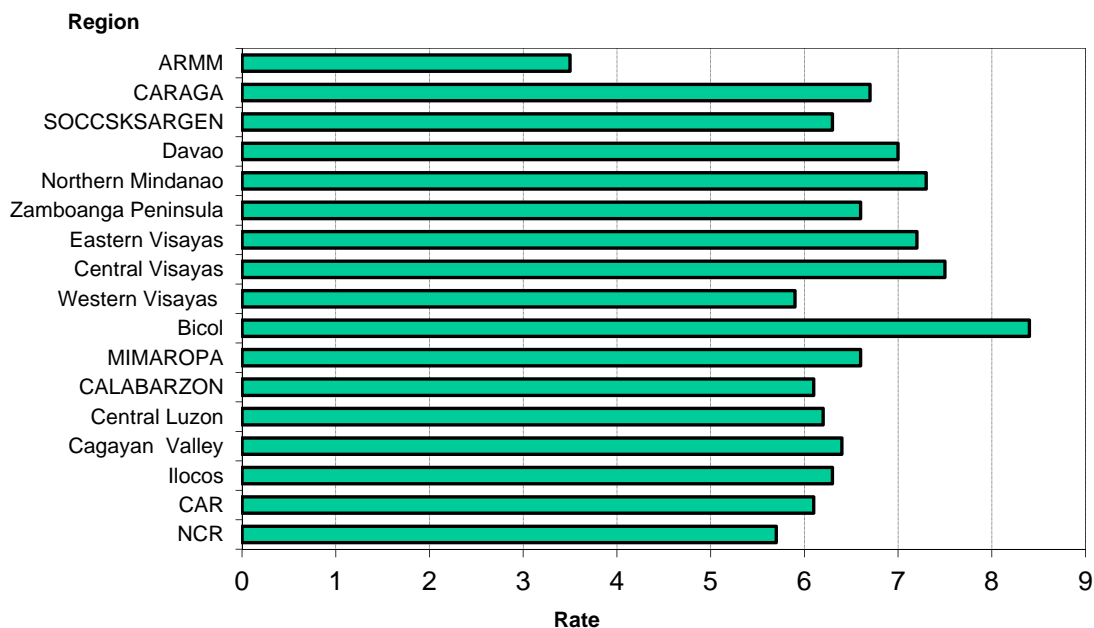


Figure 7

LIVEBIRTHS BY ATTENDANCE Philippines, 2016

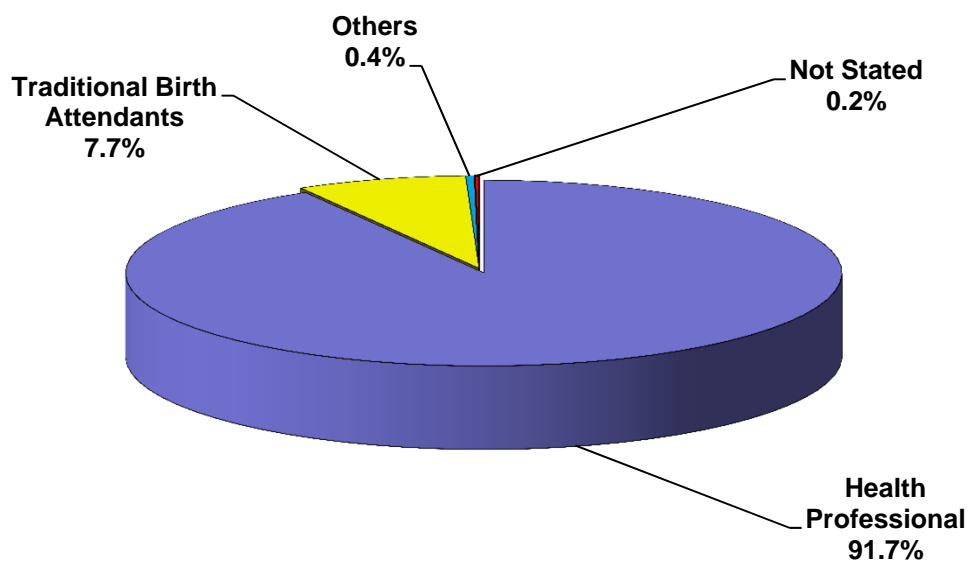


Figure 8

NATALITY STATISTICS

Data on births presented in this report were obtained from the Certificates of Live Birth (Municipal Form 102) that were registered at the Office of the City/Municipal Civil Registrars all throughout the country and forwarded to the Philippine Statistics Authority (PSA). Information presented include registered births which occurred from January to December 2016. Figures presented are not adjusted for under-registration (Philippine Statistics Authority, 2018). Births of Filipinos occurred abroad which were reported to the Philippine Foreign Service Posts are presented in some tables with area labelled as “Foreign Country”.

There were 1,731,289 live births registered in 2016 which was equivalent to a crude birth rate (CBR) of 16.7 or 17 livebirths per 1000 population. This was 3.5 percent decrease in last year’s CBR or a decrease of 13,478 livebirths in number. About three babies were born alive per minute, which corresponded to a daily average of 4,743 livebirths. (Table 4)

Figure 4 shows a slight difference in CBR every year. A continuous decrease in CBR is evident since 2007. The decrease in number of livebirths could also be attributed to non-registration. The average difference over a 10-year period (from 2007 to 2016) in CBR is 0.3 per thousand population. However, this difference in CBR does not solely depend on the increase or decrease of number of live births but also to the rapid increase in population which is the basis of the computation of CBR. The lower the population the higher is the CBR would be or vice versa. However, the increase or decrease in population cannot only be attributed to number of livebirths but also to other factors such as mortality and migration.

The region with highest CBR was Bicol Region with 19.6 live births per one thousand population. Second in rank was Western Visayas Region with a CBR of 19.2. It was followed by Northern Mindanao Region (18.4) and Davao Region (18.0). The Autonomous Region of Muslim Mindanao (ARMM) was still at the bottom with CBR of only 8.7. There were eight (8) regions out of 17 with CBR higher than or equal to the national rate of 16.7. (Table 5)

In 2016, the month with the highest number of babies born alive was in September. There were 164,038 live births which comprised 9.5 percent of total live births. The daily average of babies born alive during this month was about 5,468. The lowest live birth occurrence was still in February with 123,376 live births which was 7.1 percent of the total live births and an average of daily live births at 4,254. (Table 6)

The country’s fertility rate in 2016 was computed at 6.4. This was translated as to at least six (6) babies born alive per 100 female of reproductive age 15-49 years. Regions of Bicol (8.4) and Central Visayas (7.5) had highest fertility rates. There were five more regions which had higher fertility rates as compared to the national fertility rate. While, ARMM had the lowest with 3.5. (Table 7)

More male babies were born alive in 2016 (903,694 or 52.2%) than female babies (827,595 or 47.8%) for a sex ratio of 109 males per 100 females. This ratio means that for every 109 alive baby boys born, there correspond 100 alive baby girls born in 2016. For over a decade now, statistics show that for all live births, the number of male babies always exceeds the number of female babies. Consistently, the estimated population revealed that Philippines was a male dominating country in terms of number.

Among the 17 regions, Central Luzon had the highest sex ratio of 111 males per 100 females, while, CAR was the lowest with 107 males per 100 females. (Table 8)

Nine in ten deliveries were attended by health professional. Of the total number of births in the country, 91.7 percent of birth deliveries were attended by either a physician, a midwife or a nurse and only 7.7 percent were attended by traditional birth attendants. Among regions, only Autonomous Region in Muslim Mindanao (ARMM) showed a very low proportion of medically attended births (55.0%). Almost half (44.0%) of the births that occurred in the region were attended by traditional birth attendants (hilot/unlicensed midwife). Five (5) out of 17 regions in the country, had births lower than 90 percent were medically attended. These regions were Mimaropa (84.0%), Bicol (88.0%), Zamboanga Peninsula (87.0%), Northern Mindanao (88.0%) and Soccsksargen (86.0%). (Table 9 and 10)

There was a 15 percent decrease in number of live births attended by traditional birth attendants, from 9.1 percent in 2015 to 7.7 percent in 2016. Across all regions, ARMM (44.0%) was reported to consistently have the highest proportion of live births attended by traditional birth attendants. (Tables 9 and 10)

Three in ten live births were born from mothers belonging to age-group 20 to 24 years old (487,763; 28.17%) and consequently, had the most number of live births with 487,763 babies. It is closely followed by mothers of age-group 25-29 years with 444,205 live births or 25.66 percent. While, only 387 or 0.02 percent live births were born to mothers beyond reproductive age (50 years and over). (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 the total babies born by mothers of said age group (487,763), CALABARZON had 68,560 live births, followed by NCR with 57,715 live births. The two regions interchanged ranks for number of live births born by younger mothers, under 15 years of age. Out of 1,903 babies, NCR had 274 and CALABARZON had 250 live births. (Table 13)

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2016

Area	Both Sexes	Male	Female
PHILIPPINES	1,731,289	903,694	827,595
NATIONAL CAPITAL REGION	219,936	114,535	105,401
City of Manila	32,182	16,749	15,433
City of Mandaluyong	6,606	3,480	3,126
City of Marikina	7,845	4,068	3,777
City of Pasig	14,150	7,372	6,778
Quezon City	49,385	25,583	23,802
San Juan	1,671	911	760
Kalookan City	28,225	14,851	13,374
City of Malabon	5,867	3,082	2,785
Navotas	4,130	2,130	2,000
City of Valenzuela	10,829	5,609	5,220
City of Las Piñas	10,238	5,311	4,927
City of Makati	8,645	4,568	4,077
City of Muntinlupa	7,391	3,836	3,555
City of Parañaque	10,881	5,605	5,276
Pasay City	6,423	3,358	3,065
Pateros	896	450	446
City of Taguig	14,572	7,572	7,000
CORDILLERA ADMINISTRATIVE REGION	29,285	15,106	14,179
Abra	3,699	1,928	1,771
Apayao	1,793	917	876
Benguet	7,474	3,860	3,614
Ifugao	3,653	1,858	1,795
Kalinga	3,647	1,884	1,763
Mt. Province	2,602	1,373	1,229
Baguio City	6,417	3,286	3,131
REGION I - ILOCOS	82,206	43,004	39,202
Ilocos Norte	5,942	3,045	2,897
Ilocos Sur	8,159	4,255	3,904
La Union	9,917	5,225	4,692
Pangasinan	41,197	21,667	19,530
City of Batac	732	386	346
Laoag City	1,612	794	818
City of Candon	889	479	410
City of Vigan	785	421	364
City of San Fernando	1,955	1,034	921
City of Alaminos	1,730	928	802
Dagupan City	3,273	1,637	1,636
San Carlos City	3,707	1,949	1,758
City of Urdaneta	2,308	1,184	1,124

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2016

Area	Both Sexes	Male	Female
REGION II - CAGAYAN VALLEY	58,490	30,701	27,789
Batanes	256	139	117
Cagayan	16,013	8,482	7,531
Isabela	19,172	9,975	9,197
Nueva Vizcaya	8,982	4,715	4,267
Quirino	3,439	1,814	1,625
Tuguegarao City	2,798	1,457	1,341
City of Cauayan	2,402	1,309	1,093
Ilagan City	2,422	1,232	1,190
City of Santiago	3,006	1,578	1,428
REGION III - CENTRAL LUZON	191,245	100,455	90,790
Aurora	3,792	1,976	1,816
Bataan	12,880	6,754	6,126
Bulacan	37,382	19,533	17,849
Nueva Ecija	21,025	11,081	9,944
Pampanga	28,226	14,891	13,335
Tarlac	15,565	8,170	7,395
Zambales	11,504	6,044	5,460
City of Balanga	1,904	975	929
City of Malolos	3,585	1,906	1,679
City of Meycauayan	4,035	2,064	1,971
City of San Jose Del Monte	9,420	4,927	4,493
Cabanatuan City	4,545	2,431	2,114
City of Gapan	1,953	1,010	943
Science City of Muñoz	1,053	527	526
Palayan City	613	315	298
San Jose City	2,256	1,173	1,083
Angeles City	7,642	4,005	3,637
Mabalacat City	5,076	2,725	2,351
City of San Fernando	6,656	3,529	3,127
City of Tarlac	7,736	4,155	3,581
Olangapo City	4,397	2,264	2,133
REGION IVA - CALABARZON	251,344	130,470	120,874
Batangas	30,071	15,534	14,537
Cavite	23,682	12,371	11,311
Laguna	16,811	8,693	8,118
Quezon	30,068	15,622	14,446
Rizal	38,301	19,889	18,412
Batangas City	5,219	2,733	2,486
Lipa City	6,453	3,395	3,058
City of Tanauan	3,255	1,699	1,556
Bacoar City	10,067	5,084	4,983
Cavite City	1,534	790	744

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2016

Area	Both Sexes	Male	Female
City of Dasmariñas	10,523	5,554	4,969
City of General Trias	5,485	2,865	2,620
Imus City	6,415	3,339	3,076
Tagaytay City	1,180	617	563
Trece Martires City	3,028	1,603	1,425
City of Biñan	6,150	3,218	2,932
Cabuyao City	5,310	2,746	2,564
City of Calamba	8,522	4,398	4,124
San Pablo City	4,955	2,600	2,355
City of San Pedro	5,242	2,688	2,554
City of Santa Rosa	6,170	3,242	2,928
City of Tayabas	4,981	2,588	2,393
Lucena City	1,769	896	873
City of Antipolo	16,153	8,306	7,847
REGION IVB - MIMAROPA	48,888	25,505	23,383
Marinduque	3,872	2,019	1,853
Occidental Mindoro	8,513	4,493	4,020
Oriental Mindoro	11,560	5,987	5,573
Palawan	13,350	6,979	6,371
Romblon	4,798	2,495	2,303
Calapan City	2,204	1,184	1,020
Puerto Princesa City	4,591	2,348	2,243
REGION V - BICOL	116,092	60,145	55,947
Albay	16,839	8,671	8,168
Camarines Norte	13,004	6,846	6,158
Camarines Sur	34,133	17,663	16,470
Catanduanes	5,776	2,947	2,829
Masbate	13,745	7,098	6,647
Sorsogon	12,262	6,382	5,880
Legazpi City	3,713	1,964	1,749
City of Ligao	2,317	1,201	1,116
City of Tabaco	2,757	1,460	1,297
Iriga City	2,193	1,118	1,075
Naga City	3,877	1,969	1,908
City of Masbate	2,076	1,074	1,002
City of Sorsogon	3,400	1,752	1,648
REGION VI - WESTERN VISAYAS	114,774	60,179	54,595
Aklan	9,644	5,136	4,508
Antique	8,137	4,338	3,799
Capiz	8,983	4,649	4,334
Guimaras	2,587	1,362	1,225
Iloilo	27,679	14,602	13,077
Negros Occidental	16,385	8,463	7,922

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2016

Area	Both Sexes	Male	Female
Roxas City	2,755	1,414	1,341
Iloilo City	6,880	3,616	3,264
City of Passi	1,377	723	654
Bacolod City	7,603	3,977	3,626
Bago City	2,141	1,119	1,022
Cadiz City	2,599	1,333	1,266
City of Escalante	1,670	867	803
City of Himamaylan	1,742	886	856
City of Kabankalan	3,258	1,716	1,542
La Carlota City	876	449	427
Sagay City	2,516	1,345	1,171
San Carlos City	2,231	1,141	1,090
Silay City	1,996	1,097	899
City of Sipalay	1,074	569	505
City of Talisay	1,305	651	654
City of Victorias	1,336	726	610
REGION VII - CENTRAL VISAYAS	145,550	76,288	69,262
Bohol	20,899	10,918	9,981
Cebu	41,700	21,808	19,892
Negros Oriental	14,109	7,298	6,811
Siquijor	1,393	728	665
Tagbilaran City	1,521	789	732
City of Bogo	1,561	811	750
City of Carcar	2,763	1,475	1,288
Cebu City	19,941	10,499	9,442
Danao City	3,228	1,761	1,467
Lapu-Lapu City	9,508	4,954	4,554
Mandaue City	7,702	4,151	3,551
City of Naga	2,656	1,392	1,264
City of Talisay	4,666	2,459	2,207
Toledo City	4,151	2,148	2,003
Bais City	1,424	740	684
City of Bayawan	2,001	1,069	932
Canlaon City	906	467	439
Dumaguete City	2,164	1,147	1,017
City of Guihulngan	2,001	1,035	966
City of Tanjay	1,256	639	617
REGION VIII - EASTERN VISAYAS	74,725	39,172	35,553
Biliran	3,439	1,808	1,631
Eastern Samar	6,381	3,332	3,049
Leyte	25,629	13,472	12,157
Northern Samar	9,697	5,072	4,625
Samar	7,446	3,884	3,562
Southern Leyte	4,750	2,482	2,268

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2016

Area	Both Sexes	Male	Female
City of Borongan	1,083	560	523
City of Baybay	2,022	1,073	949
Ormoc City	4,059	2,117	1,942
Tacloban City	3,811	1,970	1,841
Calbayog City	3,004	1,586	1,418
City of Catbalogan	2,225	1,182	1,043
City of Maasin	1,179	634	545
REGION IX - ZAMBOANGA PENINSULA	63,556	33,192	30,364
Zamboanga Del Norte	13,236	6,972	6,264
Zamboanga Del Sur	13,286	6,909	6,377
Zamboanga Sibugay	10,958	5,730	5,228
Dapitan City	1,321	691	630
Dipolog City	2,069	1,059	1,010
City of Isabela	1,717	914	803
Pagadian City	4,300	2,278	2,022
Zamboanga City	16,669	8,639	8,030
REGION X - NORTHERN MINDANAO	89,359	46,683	42,676
Bukidnon	22,803	11,965	10,838
Camiguin	1,657	879	778
Lanao del Norte	9,766	5,025	4,741
Misamis Occidental	5,194	2,654	2,540
Misamis Oriental	13,823	7,144	6,679
City of Malaybalay	4,132	2,150	1,982
City of Valencia	4,361	2,304	2,057
Iligan City	5,932	3,091	2,841
Oroquieta City	1,086	576	510
Ozamis City	2,461	1,291	1,170
Tangub City	1,211	662	549
Cagayan de Oro City	14,507	7,695	6,812
Gingoog City	2,426	1,247	1,179
REGION XI - DAVAO	90,828	47,240	43,588
Compostela Valley	13,782	7,240	6,542
Davao	8,918	4,652	4,266
Davao Del Sur	8,312	4,348	3,964
Davao Oriental	9,577	4,985	4,592
City of Panabo	3,760	2,001	1,759
Island Garden City of Samal	1,979	1,010	969
City of Tagum	5,388	2,744	2,644
Davao City	33,280	17,263	16,017
City of Digos	3,326	1,696	1,630
City of Mati	2,506	1,301	1,205

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2016

Area	Both Sexes	Male	Female
REGION XII - SOCCSKSARGEN	78,919	41,306	37,613
Cotabato	22,227	11,721	10,506
Saranggani	9,050	4,688	4,362
South Cotabato	11,956	6,325	5,631
Sultan Kudarat	9,798	5,087	4,711
Cotabato City	3,643	1,846	1,797
City of Kidapawan	3,111	1,653	1,458
General Santos City	14,394	7,501	6,893
City of Koronadal	3,094	1,637	1,457
City of Tacurong	1,646	848	798
REGION XIII - CARAGA	44,135	22,941	21,194
Agusan del Norte	4,872	2,524	2,348
Agusan del Sur	10,219	5,323	4,896
Surigao del Norte	4,878	2,500	2,378
Surigao del Sur	8,352	4,340	4,012
Dinagat Islands	1,350	712	638
City of Cabadbaran	1,194	619	575
Butuan City	5,565	2,882	2,683
City of Bayugan	1,823	918	905
Surigao City	2,899	1,569	1,330
City of Bislig	1,866	974	892
City of Tandag	1,117	580	537
AUTONOMOUS REGION OF MUSLIM MINDANAO	31,067	16,307	14,760
Basilan	1,352	710	642
Lanao del Sur	6,098	3,207	2,891
Maguindanao	15,113	7,915	7,198
Sulu	3,330	1,749	1,581
Tawi-tawi	1,936	1,023	913
City of Lamitan	573	281	292
Marawi City	2,665	1,422	1,243
Foreign Country	890	465	425

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
PHILIPPINES	1,731,289	1,586,763	132,471	7,700	4,355
NATIONAL CAPITAL REGION	219,936	212,677	6,886	274	99
City of Manila	32,182	31,695	397	69	21
City of Mandaluyong	6,606	6,553	48	1	4
City of Marikina	7,845	7,706	124	11	4
City of Pasig	14,150	13,245	897	7	1
Quezon City	49,385	48,086	1,191	87	21
San Juan	1,671	1,666	3	1	1
Kalookan City	28,225	26,991	1,219	10	5
City of Malabon	5,867	5,672	191	1	3
City of Navotas	4,130	4,078	49	2	1
City of Valenzuela	10,829	10,575	249	3	2
City of Las Piñas	10,238	9,455	753	18	12
City of Makati	8,645	8,588	44	9	4
City of Muntinlupa	7,391	6,924	462	2	3
City of Parañaque	10,881	10,468	391	18	4
Pasay City	6,423	6,329	81	7	6
Pateros	896	894	2	-	-
City of Taguig	14,572	13,752	785	28	7
CORDILLERA ADMINISTRATIVE REGION	29,285	27,597	689	955	44
Abra	3,699	3,267	413	6	13
Apayao	1,793	1,643	68	72	10
Benguet	7,474	7,136	19	314	5
Ifugao	3,653	3,319	58	272	4
Kalinga	3,647	3,418	66	163	-
Mt. Province	2,602	2,419	62	114	7
Baguio City	6,417	6,395	3	14	5
REGION I - ILOCOS	82,206	80,713	1,122	155	216
Ilocos Norte	5,942	5,903	20	12	7
Ilocos Sur	8,159	8,045	84	29	1
La Union	9,917	9,811	88	12	6
Pangasinan	41,197	40,274	679	83	161
City of Batac	732	726	3	3	-
Laoag City	1,612	1,598	5	-	9
City of Candon	889	882	6	1	-
City of Vigan	785	784	-	-	1
City of San Fernando	1,955	1,952	2	-	1
City of Alaminos	1,730	1,655	74	-	1
Dagupan City	3,273	3,201	62	7	3
San Carlos City	3,707	3,614	66	5	22
City of Urdaneta	2,308	2,268	33	3	4

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION II - CAGAYAN VALLEY	58,490	54,834	2,974	572	110
Batanes	256	254	-	1	1
Cagayan	16,013	14,792	1,207	14	-
Isabela	19,172	18,148	949	17	58
Nueva Vizcaya	8,982	8,125	391	453	13
Quirino	3,439	3,175	161	83	20
Tuguegarao City	2,798	2,793	4	1	-
City of Cauayan	2,402	2,321	80	-	1
Iligan City	2,422	2,298	116	1	7
City of Santiago	3,006	2,928	66	2	10
REGION III - CENTRAL LUZON	191,245	183,906	6,776	155	408
Aurora	3,792	3,180	599	9	4
Bataan	12,880	12,698	141	26	15
Bulacan	37,382	36,008	1,348	10	16
Nueva Ecija	21,025	19,373	1,612	19	21
Pampanga	28,226	27,785	344	24	73
Tarlac	15,565	15,396	158	4	7
Zambales	11,504	10,474	970	13	47
City of Balanga	1,904	1,895	2	7	-
City of Malolos	3,585	3,467	105	2	11
City of Meycauayan	4,035	3,771	257	2	5
City of San Jose Del Monte	9,420	9,124	287	8	1
Cabanatuan City	4,545	4,253	249	5	38
City of Gapan	1,953	1,937	16	-	-
Science City of Muñoz	1,053	996	54	1	2
Palayan City	613	545	67	-	1
San Jose City	2,256	2,202	51	3	-
Angeles City	7,642	7,557	73	4	8
Mabalacat City	5,076	5,015	28	-	33
City of San Fernando	6,656	6,568	59	11	18
City of Tarlac	7,736	7,681	51	1	3
Olangapo City	4,397	3,981	305	6	105
REGION IVA - CALABARZON	251,344	230,078	20,541	555	170
Batangas	30,071	26,861	3,048	153	9
Cavite	23,682	22,618	1,050	14	-
Laguna	16,811	15,369	1,350	33	59
Quezon	30,068	26,271	3,643	120	34
Rizal	38,301	35,203	3,034	62	2
Batangas City	5,219	4,798	387	34	-
Lipa City	6,453	5,470	967	15	1
City of Tanauan	3,255	2,947	306	1	1
Bacoor City	10,067	9,518	541	7	1
Cavite City	1,534	1,517	17	-	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Dasmariñas	10,523	10,493	19	8	3
City of General Trias	5,485	5,145	335	5	-
Imus City	6,415	6,199	213	2	1
Tagaytay City	1,180	1,175	5	-	-
Trece Martires City	3,028	2,779	248	1	-
City of Biñan	6,150	5,484	662	3	1
Cabuyao City	5,310	4,939	356	1	14
City of Calamba	8,522	7,895	617	4	6
San Pablo City	4,955	4,585	324	8	38
City of San Pedro	5,242	4,821	419	2	-
City of Santa Rosa	6,170	5,466	704	-	-
City of Tayabas	1,769	1,760	6	3	-
Lucena City	4,981	4,803	158	20	-
City of Antipolo	16,153	13,962	2,132	59	-
REGION IVB - MIMAROPA	48,888	41,209	6,908	576	195
Marinduque	3,872	3,660	194	15	3
Occidental Mindoro	8,513	6,422	1,744	324	23
Oriental Mindoro	11,560	9,576	1,673	170	141
Palawan	13,350	10,454	2,834	45	17
Romblon	4,798	4,615	172	1	10
Calapan City	2,204	2,087	99	18	-
Puerto Princesa City	4,591	4,395	192	3	1
REGION V - BICOL	116,092	102,604	12,993	268	227
Albay	16,839	15,359	1,396	11	73
Camarines Norte	13,004	12,092	870	36	6
Camarines Sur	34,133	27,079	6,930	70	54
Catanduanes	5,776	5,427	342	6	1
Masbate	13,745	11,820	1,883	9	33
Sorsogon	12,262	11,673	506	73	10
Legazpi City	3,713	3,675	29	6	3
City of Ligao	2,317	2,167	91	48	11
City of Tabaco	2,757	2,464	262	4	27
Iriga City	2,193	2,012	178	3	-
Naga City	3,877	3,491	383	2	1
City of Masbate	2,076	1,956	113	-	7
City of Sorsogon	3,400	3,389	10	-	1
REGION VI - WESTERN VISAYAS	114,774	103,828	9,574	982	390
Aklan	9,644	8,239	1,371	21	13
Antique	8,137	7,035	1,005	69	28
Capiz	8,983	7,871	1,098	8	6
Guimaras	2,587	2,405	158	23	1
Iloilo	27,679	26,258	1,293	28	100
Negros Occidental	16,385	14,331	1,815	179	60

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
Roxas City	2,755	2,563	191	1	-
Iloilo City	6,880	6,295	570	4	11
City of Passi	1,377	1,132	232	2	11
Bacolod City	7,603	7,064	258	211	70
Bago City	2,141	2,110	12	15	4
Cadiz City	2,599	2,297	296	5	1
City of Escalante	1,670	1,615	45	5	5
City of Himamaylan	1,742	1,501	230	9	2
City of Kabankalan	3,258	2,579	551	126	2
La Carlota City	876	844	24	4	4
Sagay City	2,516	2,310	200	4	2
San Carlos City	2,231	2,101	57	72	1
Silay City	1,996	1,883	18	68	27
City of Sipalay	1,074	1,002	62	10	-
City of Talisay	1,305	1,220	47	21	17
City of Victorias	1,336	1,173	41	97	25
REGION VII - CENTRAL VISAYAS	145,550	135,846	7,709	953	1,042
Bohol	20,899	20,400	262	37	200
Cebu	41,700	39,846	1,074	448	332
Negros Oriental	14,109	11,222	2,674	160	53
Siquijor	1,393	1,391	2	-	-
Tagbilaran City	1,521	1,518	-	-	3
City of Bogó	1,561	1,529	18	10	4
City of Carcar	2,763	2,715	4	2	42
Cebu City	19,941	19,467	269	79	126
Danao City	3,228	3,137	8	66	17
Lapu-Lapu City	9,508	9,394	25	22	67
Mandaue City	7,702	7,346	306	5	45
City of Naga	2,656	2,575	54	12	15
City of Talisay	4,666	4,433	201	13	19
Toledo City	4,151	3,156	968	4	23
Bais City	1,424	1,042	328	5	49
City of Bayawan	2,001	1,518	451	14	18
Canlaon City	906	588	269	49	-
Dumaguete City	2,164	2,122	26	12	4
City of Guihulngan	2,001	1,389	598	6	8
City of Tanjay	1,256	1,058	172	9	17
REGION VIII - EASTERN VISAYAS	74,725	69,264	5,109	181	171
Biliran	3,439	3,371	24	33	11
Eastern Samar	6,381	5,979	375	7	20
Leyte	25,629	23,932	1,601	72	24
Northern Samar	9,697	8,792	842	7	56
Samar	7,446	6,803	627	10	6
Southern Leyte	4,750	4,700	34	4	12

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Borongan	1,083	989	84	5	5
City of Baybay	2,022	1,807	210	5	-
Ormoc City	4,059	3,881	145	15	18
Tacloban City	3,811	3,759	25	20	7
Calbayog City	3,004	2,194	806	-	4
City of Catbalogan	2,225	1,899	323	-	3
City of Maasin	1,179	1,158	13	3	5
REGION IX - ZAMBOANGA PENINSULA	63,556	55,275	7,642	477	162
Zamboanga Del Norte	13,236	11,429	1,705	82	20
Zamboanga Del Sur	13,286	11,668	1,497	56	65
Zamboanga Sibugay	10,958	9,243	1,446	230	39
Dapitan City	1,321	1,244	75	1	1
Dipolog City	2,069	1,994	72	3	-
City of Isabel	1,717	881	824	3	9
Pagadian City	4,300	3,839	455	6	-
Zamboanga City	16,669	14,977	1,568	96	28
REGION X - NORTHERN MINDANAO	89,359	78,880	9,934	235	310
Bukidnon	22,803	19,799	2,851	97	56
Camiguin	1,657	1,653	2	2	-
Lanao del Norte	9,766	7,552	2,163	16	35
Misamis Occidental	5,194	4,601	522	19	52
Misamis Oriental	13,823	12,330	1,444	34	15
City of Malaybalay	4,132	3,760	364	3	5
City of Valencia	4,361	3,653	698	8	2
Iligan City	5,932	5,175	715	6	36
Oroquieta City	1,086	1,042	42	-	2
Ozamis City	2,461	2,346	93	4	18
Tangub City	1,211	1,058	150	-	3
Cagayan de Oro City	14,507	13,804	582	36	85
Gingoog City	2,426	2,107	308	10	1
REGION XI - DAVAO	90,828	84,360	5,612	651	205
Compostela Valley	13,782	12,833	920	25	4
Davao	8,918	7,892	994	21	11
Davao Del Sur	8,312	7,267	957	25	63
Davao Oriental	9,577	8,202	1,333	12	30
City of Panabo	3,760	3,643	105	11	1
Island Garden City of Samal	1,979	1,938	37	1	3
City of Tagum	5,388	5,273	104	8	3
Davao City	33,280	31,687	1,015	543	35
City of Digos	3,326	3,126	142	5	53
City of Mati	2,506	2,499	5	-	2

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION XII - SOCCSKSARGEN	78,919	67,993	10,375	522	29
Cotabato	22,227	16,518	5,593	106	10
Sarangani	9,050	8,058	964	26	2
South Cotabato	11,956	10,379	1,267	309	1
Sultan Kudarat	9,798	8,517	1,232	37	12
Cotabato City	3,643	2,993	646	2	2
City of Kidapawan	3,111	3,041	65	5	-
General Santos City	14,394	13,892	474	28	-
City of Koronadal	3,094	2,963	124	7	-
City of Tacurong	1,646	1,632	10	2	2
REGION XIII - CARAGA	44,135	39,632	3,918	60	525
Agusan del Norte	4,872	4,166	685	11	10
Agusan del Sur	10,219	8,373	1,823	12	11
Surigao del Norte	4,878	4,591	213	3	71
Surigao del Sur	8,352	7,566	405	1	380
Dinagat Islands	1,350	1,242	94	4	10
Butuan City	5,565	5,553	7	-	5
City of Cabadbaran	1,194	1,182	12	-	-
City of Bayugan	1,823	1,543	280	-	-
Surigao City	2,899	2,475	370	29	25
City of Bislig	1,866	1,843	20	-	3
City of Tandag	1,117	1,098	9	-	10
ARMM	31,067	17,204	13,682	129	52
Basilan	1,352	304	1,045	-	3
Lanao del Sur	6,098	4,543	1,516	29	10
Maguindanao	15,113	7,534	7,456	96	27
Sulu	3,330	1,384	1,944	1	1
Tawi-tawi	1,936	804	1,129	2	1
City of Lamitan	573	412	159	-	2
Marawi City	2,665	2,223	433	1	8
Foreign Country	890	863	27	-	-

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
PHILIPPINES	1,731,289	91.7	7.7	0.4	0.3
NATIONAL CAPITAL REGION	219,936	96.7	3.1	0.1	0.0
City of Manila	32,182	98.5	1.2	0.2	0.1
City of Mandaluyong	6,606	99.2	0.7	0.0	0.1
City of Marikina	7,845	98.2	1.6	0.1	0.1
City of Pasig	14,150	93.6	6.3	0.0	0.0
Quezon City	49,385	97.4	2.4	0.2	0.0
San Juan	1,671	99.7	0.2	0.1	0.1
Kalookan City	28,225	95.6	4.3	0.0	0.0
City of Malabon	5,867	96.7	3.3	0.0	0.1
City of Navotas	4,130	98.7	1.2	0.0	0.0
City of Valenzuela	10,829	97.7	2.3	0.0	0.0
City of Las Piñas	10,238	92.4	7.4	0.2	0.1
City of Makati	8,645	99.3	0.5	0.1	0.0
City of Muntinlupa	7,391	93.7	6.3	0.0	0.0
City of Parañaque	10,881	96.2	3.6	0.2	0.0
Pasay City	6,423	98.5	1.3	0.1	0.1
Pateros	896	99.8	0.2	0.0	0.0
City of Taguig	14,572	94.4	5.4	0.2	0.0
CORDILLERA ADMINISTRATIVE REGION	29,285	94.2	2.4	3.3	0.2
Abra	3,699	88.3	11.2	0.2	0.4
Apayao	1,793	91.6	3.8	4.0	0.6
Benguet	7,474	95.5	0.3	4.2	0.1
Ifugao	3,653	90.9	1.6	7.4	0.1
Kalinga	3,647	93.7	1.8	4.5	0.0
Mt. Province	2,602	93.0	2.4	4.4	0.3
Baguio City	6,417	99.7	0.0	0.2	0.1
REGION I - ILOCOS	82,206	98.2	1.4	0.2	0.3
Ilocos Norte	5,942	99.3	0.3	0.2	0.1
Ilocos Sur	8,159	98.6	1.0	0.4	0.0
La Union	9,917	98.9	0.9	0.1	0.1
Pangasinan	41,197	97.8	1.6	0.2	0.4
City of Batac	732	99.2	0.4	0.4	0.0
Laoag City	1,612	99.1	0.3	0.0	0.6
City of Candon	889	99.2	0.7	0.1	0.0
City of Vigan	785	99.9	0.0	0.0	0.1
City of San Fernando	1,955	99.8	0.1	0.0	0.1
City of Alaminos	1,730	95.7	4.3	0.0	0.1
Dagupan City	3,273	97.8	1.9	0.2	0.1
San Carlos City	3,707	97.5	1.8	0.1	0.6
City of Urdaneta	2,308	98.3	1.4	0.1	0.2

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION II - CAGAYAN VALLEY	58,490	93.7	5.1	1.0	0.2
Batanes	256	99.2	0.0	0.4	0.4
Cagayan	16,013	92.4	7.5	0.1	0.0
Isabela	19,172	94.7	4.9	0.1	0.3
Nueva Vizcaya	8,982	90.5	4.4	5.0	0.1
Quirino	3,439	92.3	4.7	2.4	0.6
Tuguegarao City	2,798	99.8	0.1	0.0	0.0
City of Cauayan	2,402	96.6	3.3	0.0	0.0
Ilagan City	2,422	94.9	4.8	0.0	0.3
City of Santiago	3,006	97.4	2.2	0.1	0.3
REGION III - CENTRAL LUZON	191,245	96.2	3.5	0.1	0.2
Aurora	3,792	83.9	15.8	0.2	0.1
Bataan	12,880	98.6	1.1	0.2	0.1
Bulacan	37,382	96.3	3.6	0.0	0.0
Nueva Ecija	21,025	92.1	7.7	0.1	0.1
Pampanga	28,226	98.4	1.2	0.1	0.3
Tarlac	15,565	98.9	1.0	0.0	0.0
Zambales	11,504	91.0	8.4	0.1	0.4
City of Balanga	1,904	99.5	0.1	0.4	0.0
City of Malolos	3,585	96.7	2.9	0.1	0.3
City of Meycauayan	4,035	93.5	6.4	0.0	0.1
City of San Jose Del Monte	9,420	96.9	3.0	0.1	0.0
Cabanatuan City	4,545	93.6	5.5	0.1	0.8
City of Gapan	1,953	99.2	0.8	0.0	0.0
Science City of Muñoz	1,053	94.6	5.1	0.1	0.2
Palayan City	613	88.9	10.9	0.0	0.2
San Jose City	2,256	97.6	2.3	0.1	0.0
Angeles City	7,642	98.9	1.0	0.1	0.1
Mabalacat City	5,076	98.8	0.6	0.0	0.7
City of San Fernando	6,656	98.7	0.9	0.2	0.3
City of Tarlac	7,736	99.3	0.7	0.0	0.0
Olangapo City	4,397	90.5	6.9	0.1	2.4
REGION IVA - CALABARZON	251,344	91.5	8.2	0.2	0.1
Batangas	30,071	89.3	10.1	0.5	0.0
Cavite	23,682	95.5	4.4	0.1	0.0
Laguna	16,811	91.4	8.0	0.2	0.4
Quezon	30,068	87.4	12.1	0.4	0.1
Rizal	38,301	91.9	7.9	0.2	0.0
Batangas City	5,219	91.9	7.4	0.7	0.0
Lipa City	6,453	84.8	15.0	0.2	0.0
City of Tanauan	3,255	90.5	9.4	0.0	0.0
Bacoor City	10,067	94.5	5.4	0.1	0.0
Cavite City	1,534	98.9	1.1	0.0	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Dasmariñas	10,523	99.7	0.2	0.1	0.0
City of General Trias	5,485	93.8	6.1	0.1	0.0
Imus City	6,415	96.6	3.3	0.0	0.0
Tagaytay City	1,180	99.6	0.4	0.0	0.0
Trece Martires City	3,028	91.8	8.2	0.0	0.0
City of Biñan	6,150	89.2	10.8	0.0	0.0
Cabuyao City	5,310	93.0	6.7	0.0	0.3
City of Calamba	8,522	92.6	7.2	0.0	0.1
San Pablo City	4,955	92.5	6.5	0.2	0.8
City of San Pedro	5,242	92.0	8.0	0.0	0.0
City of Santa Rosa	6,170	88.6	11.4	0.0	0.0
City of Tayabas	1,769	99.5	0.3	0.2	0.0
Lucena City	4,981	96.4	3.2	0.4	0.0
City of Antipolo	16,153	86.4	13.2	0.4	0.0
REGION IVB - MIMAROPA	48,888	84.3	14.1	1.2	0.4
Marinduque	3,872	94.5	5.0	0.4	0.1
Occidental Mindoro	8,513	75.4	20.5	3.8	0.3
Oriental Mindoro	11,560	82.8	14.5	1.5	1.2
Palawan	13,350	78.3	21.2	0.3	0.1
Romblon	4,798	96.2	3.6	0.0	0.2
Calapan City	2,204	94.7	4.5	0.8	0.0
Puerto Princesa City	4,591	95.7	4.2	0.1	0.0
REGION V - BICOL	116,092	88.4	11.2	0.2	0.2
Albay	16,839	91.2	8.3	0.1	0.4
Camarines Norte	13,004	93.0	6.7	0.3	0.0
Camarines Sur	34,133	79.3	20.3	0.2	0.2
Catanduanes	5,776	94.0	5.9	0.1	0.0
Masbate	13,745	86.0	13.7	0.1	0.2
Sorsogon	12,262	95.2	4.1	0.6	0.1
Legazpi City	3,713	99.0	0.8	0.2	0.1
City of Ligao	2,317	93.5	3.9	2.1	0.5
City of Tabaco	2,757	89.4	9.5	0.1	1.0
Iriga City	2,193	91.7	8.1	0.1	0.0
Naga City	3,877	90.0	9.9	0.1	0.0
City of Masbate	2,076	94.2	5.4	0.0	0.3
City of Sorsogon	3,400	99.7	0.3	0.0	0.0
REGION VI - WESTERN VISAYAS	114,774	90.5	8.3	0.9	0.3
Aklan	9,644	85.4	14.2	0.2	0.1
Antique	8,137	86.5	12.4	0.8	0.3
Capiz	8,983	87.6	12.2	0.1	0.1
Guimaras	2,587	93.0	6.1	0.9	0.0
Iloilo	27,679	94.9	4.7	0.1	0.4
Negros Occidental	16,385	87.5	11.1	1.1	0.4

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
Roxas City	2,755	93.0	6.9	0.0	0.0
Iloilo City	6,880	91.5	8.3	0.1	0.2
City of Passi	1,377	82.2	16.8	0.1	0.8
Bacolod City	7,603	92.9	3.4	2.8	0.9
Bago City	2,141	98.6	0.6	0.7	0.2
Cadiz City	2,599	88.4	11.4	0.2	0.0
City of Escalante	1,670	96.7	2.7	0.3	0.3
City of Himamaylan	1,742	86.2	13.2	0.5	0.1
City of Kabankalan	3,258	79.2	16.9	3.9	0.1
La Carlota City	876	96.3	2.7	0.5	0.5
Sagay City	2,516	91.8	7.9	0.2	0.1
San Carlos City	2,231	94.2	2.6	3.2	0.0
Silay City	1,996	94.3	0.9	3.4	1.4
City of Sipalay	1,074	93.3	5.8	0.9	0.0
City of Talisay	1,305	93.5	3.6	1.6	1.3
City of Victorias	1,336	87.8	3.1	7.3	1.9
REGION VII - CENTRAL VISAYAS	145,550	93.3	5.3	0.7	0.7
Bohol	20,899	97.6	1.3	0.2	1.0
Cebu	41,700	95.6	2.6	1.1	0.8
Negros Oriental	14,109	79.5	19.0	1.1	0.4
Siquijor	1,393	99.9	0.1	0.0	0.0
Tagbilaran City	1,521	99.8	0.0	0.0	0.2
City of Bogo	1,561	98.0	1.2	0.6	0.3
City of Carcar	2,763	98.3	0.1	0.1	1.5
Cebu City	19,941	97.6	1.3	0.4	0.6
Danao City	3,228	97.2	0.2	2.0	0.5
Lapu-Lapu City	9,508	98.8	0.3	0.2	0.7
Mandaue City	7,702	95.4	4.0	0.1	0.6
City of Naga	2,656	97.0	2.0	0.5	0.6
City of Talisay	4,666	95.0	4.3	0.3	0.4
Toledo City	4,151	76.0	23.3	0.1	0.6
Bais City	1,424	73.2	23.0	0.4	3.4
City of Bayawan	2,001	75.9	22.5	0.7	0.9
Canlaon City	906	64.9	29.7	5.4	0.0
Dumaguete City	2,164	98.1	1.2	0.6	0.2
City of Guihulngan	2,001	69.4	29.9	0.3	0.4
City of Tanjay	1,256	84.2	13.7	0.7	1.4
REGION VIII - EASTERN VISAYAS	74,725	92.7	6.8	0.2	0.2
Biliran	3,439	98.0	0.7	1.0	0.3
Eastern Samar	6,381	93.7	5.9	0.1	0.3
Leyte	25,629	93.4	6.2	0.3	0.1
Northern Samar	9,697	90.7	8.7	0.1	0.6
Samar	7,446	91.4	8.4	0.1	0.1
Southern Leyte	4,750	98.9	0.7	0.1	0.3

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Borongan	1,083	91.3	7.8	0.5	0.5
City of Baybay	2,022	89.4	10.4	0.2	0.0
Ormoc City	4,059	95.6	3.6	0.4	0.4
Tacloban City	3,811	98.6	0.7	0.5	0.2
Calbayog City	3,004	73.0	26.8	0.0	0.1
City of Catbalogan	2,225	85.3	14.5	0.0	0.1
City of Maasin	1,179	98.2	1.1	0.3	0.4
REGION IX - ZAMBOANGA PENINSULA	63,556	87.0	12.0	0.8	0.3
Zamboanga Del Norte	13,236	86.3	12.9	0.6	0.2
Zamboanga Del Sur	13,286	87.8	11.3	0.4	0.5
Zamboanga Sibugay	10,958	84.3	13.2	2.1	0.4
Dapitan City	1,321	94.2	5.7	0.1	0.1
Dipolog City	2,069	96.4	3.5	0.1	0.0
City of Isabela	1,717	51.3	48.0	0.2	0.5
Pagadian City	4,300	89.3	10.6	0.1	0.0
Zamboanga City	16,669	89.8	9.4	0.6	0.2
REGION X - NORTHERN MINDANAO	89,359	88.3	11.1	0.3	0.3
Bukidnon	22,803	86.8	12.5	0.4	0.2
Camiguin	1,657	99.8	0.1	0.1	0.0
Lanao del Norte	9,766	77.3	22.1	0.2	0.4
Misamis Occidental	5,194	88.6	10.1	0.4	1.0
Misamis Oriental	13,823	89.2	10.4	0.2	0.1
City of Malaybalay	4,132	91.0	8.8	0.1	0.1
City of Valencia	4,361	83.8	16.0	0.2	0.0
Iligan City	5,932	87.2	12.1	0.1	0.6
Oroquieta City	1,086	95.9	3.9	0.0	0.2
Ozamis City	2,461	95.3	3.8	0.2	0.7
Tangub City	1,211	87.4	12.4	0.0	0.2
Cagayan de Oro City	14,507	95.2	4.0	0.2	0.6
Gingoog City	2,426	86.9	12.7	0.4	0.0
REGION XI - DAVAO	90,828	92.9	6.2	0.7	0.2
Compostela Valley	13,782	93.1	6.7	0.2	0.0
Davao	8,918	88.5	11.1	0.2	0.1
Davao Del Sur	8,312	87.4	11.5	0.3	0.8
Davao Oriental	9,577	85.6	13.9	0.1	0.3
City of Panabo	3,760	96.9	2.8	0.3	0.0
Island Garden City of Samal	1,979	97.9	1.9	0.1	0.2
City of Tagum	5,388	97.9	1.9	0.1	0.1
Davao City	33,280	95.2	3.0	1.6	0.1
City of Digos	3,326	94.0	4.3	0.2	1.6
City of Mati	2,506	99.7	0.2	0.0	0.1

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2016

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION XII - SOCCSKSARGEN	78,919	86.2	13.1	0.7	0.0
Cotabato	22,227	74.3	25.2	0.5	0.0
Saranggani	9,050	89.0	10.7	0.3	0.0
South Cotabato	11,956	86.8	10.6	2.6	0.0
Sultan Kudarat	9,798	86.9	12.6	0.4	0.1
Cotabato City	3,643	82.2	17.7	0.1	0.1
City of Kidapawan	3,111	97.7	2.1	0.2	0.0
General Santos City	14,394	96.5	3.3	0.2	0.0
City of Koronadal	3,094	95.8	4.0	0.2	0.0
City of Tacurong	1,646	99.1	0.6	0.1	0.1
REGION XIII - CARAGA	44,135	89.8	8.9	0.1	1.2
Agusan del Norte	4,872	85.5	14.1	0.2	0.2
Agusan del Sur	10,219	81.9	17.8	0.1	0.1
Surigao del Norte	4,878	94.1	4.4	0.1	1.5
Surigao del Sur	8,352	90.6	4.8	0.0	4.5
Dinagat Islands	1,350	92.0	7.0	0.3	0.7
Butuan City	5,565	99.8	0.1	0.0	0.1
City of Cabadbaran	1,194	99.0	1.0	0.0	0.0
City of Bayugan	1,823	84.6	15.4	0.0	0.0
Surigao City	2,899	85.4	12.8	1.0	0.9
City of Bislig	1,866	98.8	1.1	0.0	0.2
City of Tandag	1,117	98.3	0.8	0.0	0.9
ARMM	31,067	55.4	44.0	0.4	0.2
Basilan	1,352	22.5	77.3	0.0	0.2
Lanao del Sur	6,098	74.5	24.9	0.5	0.2
Maguindanao	15,113	49.9	49.3	0.6	0.2
Sulu	3,330	41.6	58.4	0.0	0.0
Tawi-tawi	1,936	41.5	58.3	0.1	0.1
City of Lamitan	573	71.9	27.7	0.0	0.3
Marawi City	2,665	83.4	16.2	0.0	0.3
Foreign Country	890	97.0	3.0	0.0	0.0

LIVEBIRTHS BY AGE OF MOTHER AND SEX OF NEWBORN Philippines, 2016

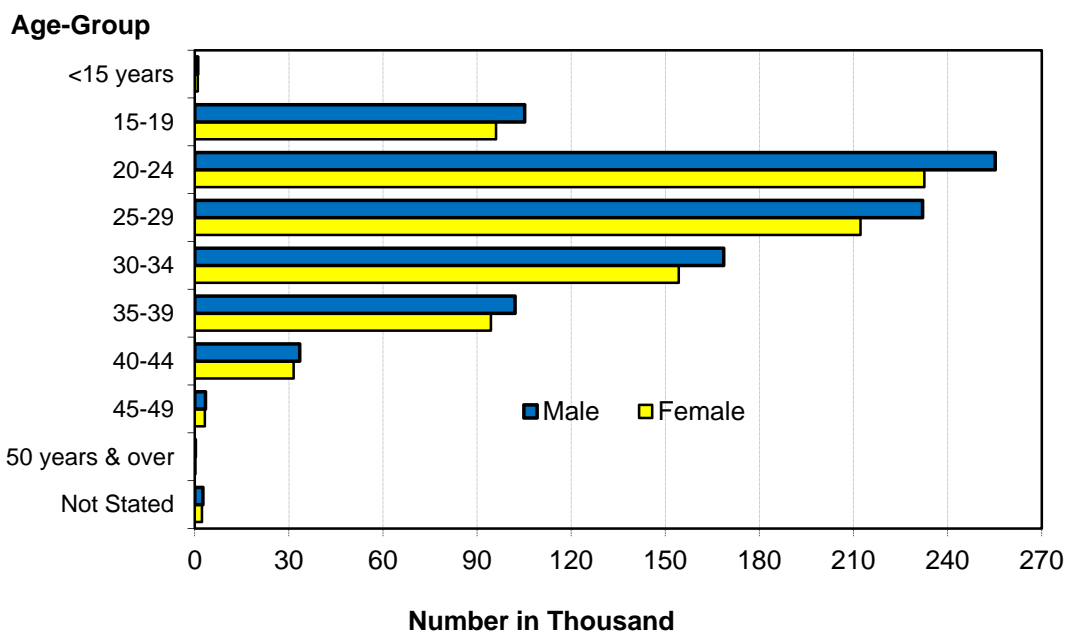


Figure 9

LIVEBIRTHS BY REGION Percent Distribution Philippines, 2016

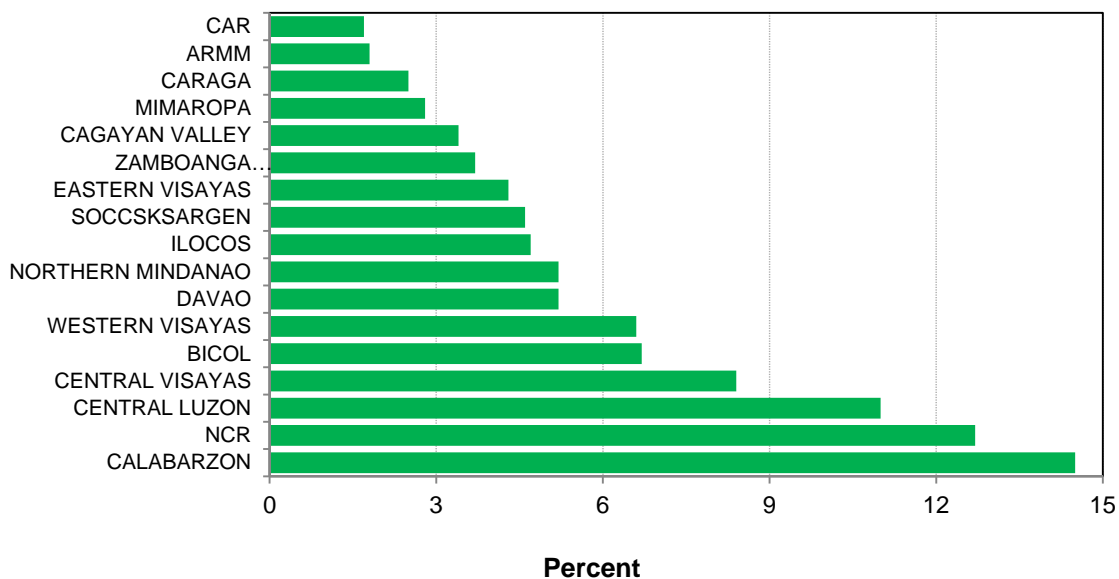


Figure 10

Table 11

NUMBER AND PERCENT DISTRIBUTION OF LIVEBIRTHS
By Age Group of Mother and Sex of Newborn
Philippines, 2016

Age of Mother	Both Sexes		Male	Female
	Number	Percent	Number	Number
All Ages	1,731,289	100.00	903,694	827,595
Under 15 years	1,903	0.11	963	940
15 - 19 years	201,182	11.62	105,167	96,015
20 - 24 years	487,763	28.17	255,196	232,567
25 - 29 years	444,205	25.66	232,003	212,202
30 - 34 years	322,878	18.65	168,599	154,279
35 - 39 years	196,493	11.35	102,085	94,408
40 - 44 years	64,960	3.75	33,472	31,488
45 - 49 years	6,622	0.38	3,403	3,219
50 years & Over	387	0.02	201	186
Not Stated	4,896	0.28	2,605	2,291

Table 12

LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING CHILDREN
Philippines, 2016

Age of Mother (In Years)	Total Livebirths	Number of Living Children				
		1	2	3	4	5
All Ages	1,731,289	609,629	486,696	297,316	156,093	81,777
Under 15 years	1,903	1,891	11	-	-	-
15 - 19 years	201,182	167,211	31,328	2,543	53	5
20 - 24 years	487,763	244,542	170,821	57,788	12,213	1,893
25 - 29 years	444,205	119,443	151,990	102,419	47,118	16,861
30 - 34 years	322,878	51,871	88,122	79,315	50,574	28,459
35 - 39 years	196,493	18,571	36,494	43,690	34,242	24,273
40 - 44 years	64,960	4,350	6,438	10,061	10,345	8,931
45 - 49 years	6,622	589	529	692	834	804
50 years & over	387	89	62	46	47	34
Not Stated	4,896	1,072	901	762	667	517

Age of Mother (In Years)	Number of Living Children					
	6	7	8	9	10 & Over	Not Stated
All Ages	44,732	25,382	14,228	7,469	7,371	596
Under 15 years	-	-	-	-	-	1
15 - 19 years	2	3	-	-	-	37
20 - 24 years	287	63	23	10	7	116
25 - 29 years	4,654	1,184	299	74	38	125
30 - 34 years	14,466	6,323	2,463	821	366	98
35 - 39 years	16,671	10,847	6,180	3,103	2355	67
40 - 44 years	7,570	6,056	4,522	2,953	3,697	37
45 - 49 years	739	668	579	420	760	8
50 years & over	25	16	17	13	38	-
Not Stated	318	222	145	75	110	107

Note: "-" means 0

Table 13

LIVEBIRTHS BY AGE OF MOTHER & REGION
Philippines, 2016

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	1,731,289	1,903	201,182	487,763	444,205	322,878	196,493	64,960	6,622	387	4,896
NCR	219,936	274	22,997	57,715	59,194	45,753	26,223	6,991	587	37	165
CAR	29,285	33	3,202	7,897	7,848	5,713	3,367	1,065	108	1	51
Ilocos	82,206	76	9,461	23,171	21,242	15,621	9,319	2,875	304	26	111
Cagayan Valley	58,490	80	8,029	17,293	14,462	10,148	6,085	2,057	235	15	86
Central Luzon	191,245	210	23,106	53,546	49,809	36,041	21,461	6,215	572	53	232
Calabarzon	251,344	250	26,830	68,560	64,953	50,264	30,372	9,158	789	44	124
Mimaropa	48,888	48	6,162	14,490	11,971	8,510	5,171	2,009	208	15	304
Bicol	116,092	70	12,609	33,932	28,532	20,772	13,860	5,599	601	20	97
Western Visayas	114,774	99	11,956	32,167	29,357	21,563	13,735	5,126	608	35	128
Central Visayas	145,550	120	15,238	42,792	38,858	26,307	16,135	5,455	501	18	126
Eastern Visayas	74,725	77	9,477	22,290	18,648	12,578	8,141	3,063	310	10	131
Zamboanga Peninsula	63,556	60	8,066	18,847	15,575	10,924	7,036	2,525	302	18	203
Northern Mindanao	89,359	150	12,311	26,169	22,253	14,976	9,403	3,441	371	13	272
Davao	90,828	176	12,729	26,742	23,216	15,693	8,872	3,091	263	10	36
SOCCSKSARGEN	78,919	105	11,098	23,024	19,249	13,821	8,344	2,863	365	24	26
CARAGA	44,135	50	5,404	12,816	11,372	7,687	4,741	1,872	167	10	16
ARMM	31,067	24	2,425	6,103	7,441	6,309	4,096	1,520	326	36	2,787
Foreign Country	890	1	82	209	225	198	132	35	5	2	1

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 2016 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 Epidemiology Bureau (EB) 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 in the computation of rates was based on the DOH Department Memorandum No. 2014-0008.

The 2016 PHS presented the ten (10) leading causes of morbidity. The number one leading cause of morbidity was acute respiratory infection with a total of 3,080,343 cases or a rate of 2,971.1 per 100,000 population. This was a 45.6 percent and 41.8 percent increase in number of cases and rate, respectively. (the 2015 rate was 2,094.5 per 100,000 population and 2,115,018 cases). The number of cases was already doubled when compared to the number of cases in the past two years (2014) which was only 1.4 million.

Hypertension was second on the list with 886,203 cases and a rate of 854.5 cases per 100,000 population. It is followed by acute lower respiratory tract infection (ALRTI) and Pneumonia (786,085; 758.0), Urinary tract infection (288,588; 278.3) and Influenza (216,074; 208.3). The same top four diseases were recorded last year, however, Bronchitis was replaced by Influenza in the fifth rank. Bronchitis is the sixth leading cause of morbidity in 2016.

Table 15 shows the ten leading causes of morbidity separately for male and female. The same morbid conditions had been recorded for both sexes, which only differ in rates and consequently a slight difference in ranks. A higher number of cases were reported among females than males to seven out of ten leading causes of morbidity.

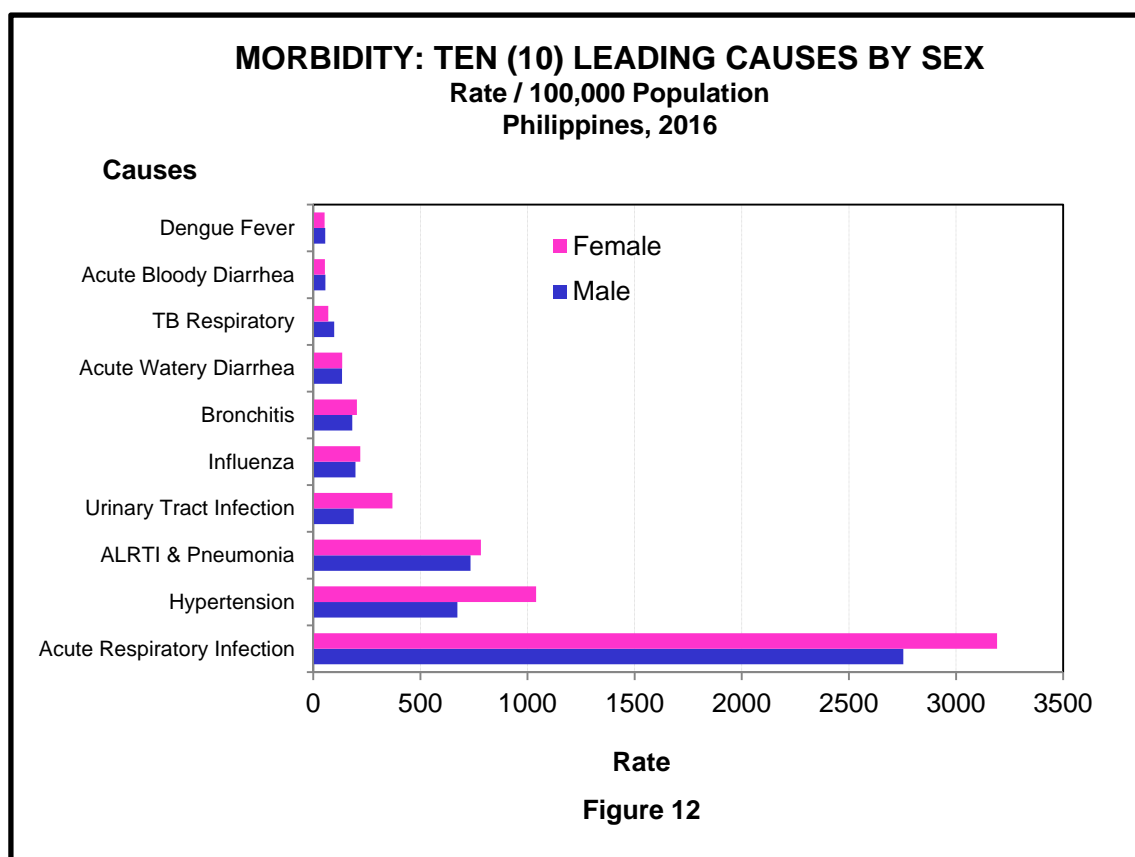
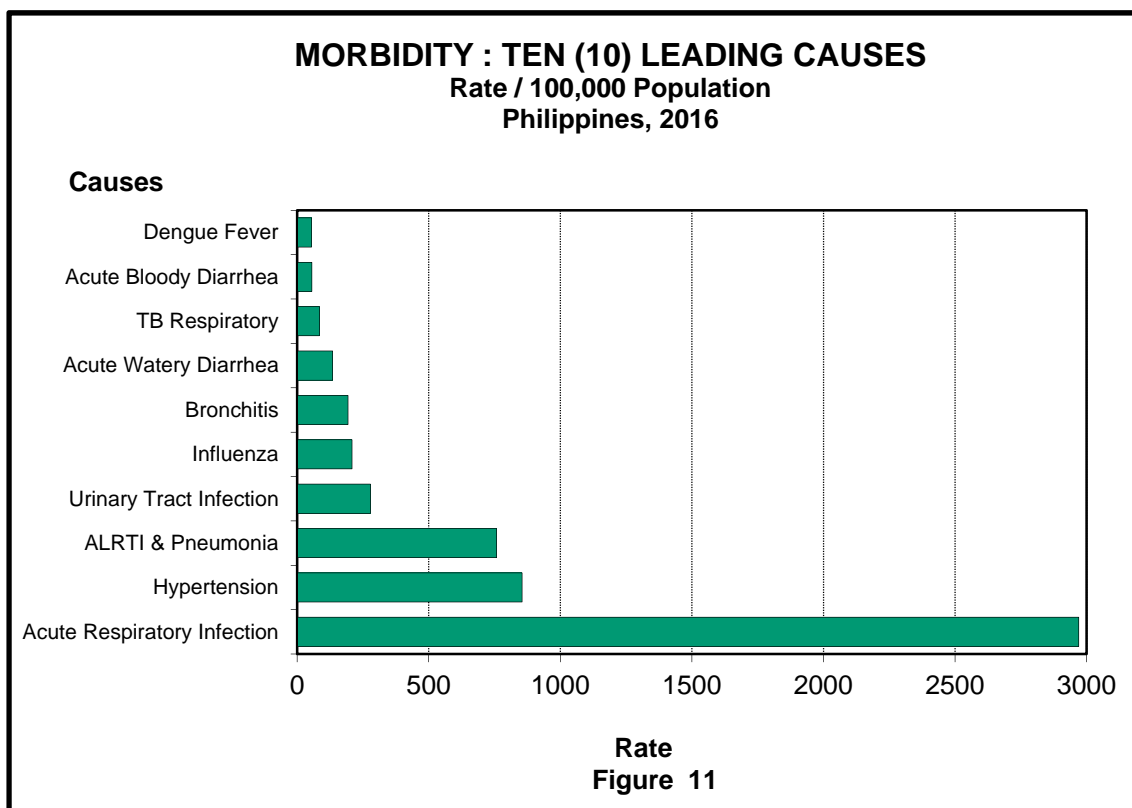


Table 14

MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate /100,000 Population
Philippines, 2016

Cause	Number	Rate
1 Acute Respiratory Infection (J22)	3,080,343	2,970.1
2 Hypertension (I10)	886,203	854.5
3 Acute Lower Respiratory Tract Infection and Pneumonia (J12-J18; J20-J22)	786,085	758.0
4 Urinary Tract Infection (N39.0)	288,588	278.3
5 Influenza (J10-J11)	216,074	208.3
6 Bronchitis (J40)	200,176	193.0
7 Acute Watery Diarrhea (A09)	139,770	134.8
8 TB Respiratory (A15-A16)	87,422	84.3
9 Acute Bloody Diarrhea (A09)	57,647	55.6
10 Dengue Fever (A90)	56,487	54.5

Table 15

MORBIDITY: TEN (10) LEADING CAUSES BY SEX
Number & Rate /100,000 Population
Philippines, 2016

Cause	Male	
	Number*	Rate
1 Acute Respiratory Infection	1,442,287	2,753.5
2 Acute Lower Respiratory Tract Infection and Pneumonia	384,552	734.2
3 Hypertension	352,284	672.6
4 Influenza	103,439	197.5
5 Urinary Tract Infection	99,026	189.1
6 Bronchitis	95,472	182.3
7 Acute Watery Diarrhea	70,273	134.2
8 TB Respiratory	51,329	98.0
9 Acute Bloody Diarrhea	29,742	56.8
10 Dengue Fever	29,453	56.2

Cause	Female	
	Number*	Rate
1 Acute Respiratory Infection	1,638,056	3,191.1
2 Hypertension	533,919	1,040.1
3 Acute Lower Respiratory Tract Infection and Pneumonia	401,533	782.2
4 Urinary Tract Infection	189,562	369.3
5 Influenza	112,635	219.4
6 Bronchitis	104,704	204.0
7 Acute Watery Diarrhea	69,497	135.4
8 TB Respiratory	36,093	70.3
9 Acute Bloody Diarrhea	27,905	54.4
10 Dengue Fever	27,034	52.7

* 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, 2016

Causes	National Capital Region	
	Number	Rate
1 Acute Respiratory Infection	717,356	5,432.4
2 ALRTI and Pneumonia	161,689	1,224.4
3 Hypertension	128,825	975.6
4 Urinary Tract Infection	51,009	386.3
5 Bronchitis	39,054	295.7
6 TB Respiratory	23,390	177.1
7 Influenza	5,466	41.4
8 Acute Hemorrhagic Fever	2,998	22.7
9 Diseases of the Heart	1,391	10.5
10 Acute Watery Diarrhea	1,383	10.5

Causes	CAR	
	Number	Rate
1 Acute Respiratory Infection	137,711	7,684.4
2 Hypertension	40,990	2,287.3
3 Urinary Tract Infection	21,587	1,204.6
4 Acute Watery Diarrhea	20,636	1,151.5
5 Bronchitis	20,494	1,143.6
6 ALRTI and Pneumonia	18,148	1,012.7
7 Influenza	5,773	322.1
8 Acute Bloody Diarrhea	3,776	210.7
9 Dengue Fever	1,999	111.5
10 Acute Hemorrhagic Fever	1,948	108.7

Causes	Ilocos	
	Number	Rate
1 Acute Respiratory Infection	536,402	10,489.2
2 Hypertension	135,216	2644.1
3 Urinary Tract Infection	45,322	886.3
4 Dengue Fever	34,526	675.1
5 Bronchitis	32,892	643.2
6 Influenza	24,752	484.0
7 Acute Watery Diarrhea	23,621	461.9
8 Diseases of the Heart	11,836	231.5
9 TB Respiratory	10,642	208.1
10 ALRTI and Pneumonia	10,296	201.3

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2016

Causes	Cagayan Valley	
	Number	Rate
1 Acute Respiratory Infection	184,421	5,253.0
2 ALRTI and Pneumonia	135,669	3,864.4
3 Hypertension	50,777	1446.3
4 Influenza	17,619	501.9
5 Urinary Tract Infection	14,997	427.2
6 Acute Watery Diarrhea	9,562	272.4
7 TB Respiratory	5,884	167.6
8 Bronchitis	5,538	157.7
9 Acute Febrile Illness	2,875	81.9
10 Dengue Fever	2,432	69.3

Causes	Central Luzon	
	Number	Rate
1 Acute Respiratory Infection	31,943	276.9
2 ALRTI and Pneumonia	16,620	144.1
3 Hypertension	10,407	90.2
4 Urinary Tract Infection	7,170	62.2
5 TB Respiratory	3,541	30.7
6 Bronchitis	1,751	15.2
7 Dengue Fever	868	7.5
8 Viral Hepatitis	226	2.0
9 Leptospirosis	197	1.7
10 Viral Meningitis	197	1.7

Causes	Calabarzon	
	Number	Rate
1 Acute Respiratory Infection	515,691	3,398.8
2 Hypertension	116,004	764.6
3 ALRTI and Pneumonia	105,022	692.2
4 Acute Bloody Diarrhea	35,498	234.0
5 Influenza	33,251	219.2
6 Bronchitis	10,415	68.6
7 TB Respiratory	2,818	18.6
8 Chickenpox	2,382	15.7
9 Dengue Fever	1,397	9.2
10 Acute Hemorrhagic Fever	238	1.6

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2016

Causes	Mimaropa	
	Number	Rate
1 Acute Respiratory Infection	36,243	1,185.6
2 Hypertension	15,172	496.3
3 ALRTI and Pneumonia	5,651	184.9
4 Urinary Tract Infection	3,463	113.3
5 Bronchitis	2,794	91.4
6 Influenza	2,342	76.6
7 TB Respiratory	2,269	74.2
8 Acute Bloody Diarrhea	478	15.6
9 Chickenpox	115	3.8
10 Dengue Fever	73	2.4

Causes	Bicol	
	Number	Rate
1 Acute Respiratory Infection	223,554	3,775.9
2 Hypertension	71,285	1,204.0
3 ALRTI and Pneumonia	40,055	676.6
4 Urinary Tract Infection	21,104	356.5
5 Bronchitis	15,596	263.4
6 Acute Febrile Illness	14,947	252.5
7 Influenza	13,520	228.4
8 TB Respiratory	11,733	198.2
9 Acute Watery Diarrhea	2,372	40.1
10 Chickenpox	825	13.9

Causes	Western Visayas	
	Number	Rate
1 Hypertension	54,097	702.2
2 ALRTI and Pneumonia	49,656	644.6
3 Acute Respiratory Infection	24,505	318.1
4 Urinary Tract Infection	20,072	260.6
5 Bronchitis	15,522	201.5
6 TB Respiratory	14,807	192.2
7 Influenza	8,573	111.3
8 Acute Watery Diarrhea	6,207	80.6
9 Acute Hemorrhagic Fever	3,190	41.4
10 Dengue Fever	2,981	38.7

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2016

Causes	Central Visayas	
	Number	Rate
1 Hypertension	41,908	553.9
2 ALRTI and Pneumonia	9,254	122.3
3 Bronchitis	9,040	119.5
4 Influenza	4,163	55.0
5 Urinary Tract Infection	1,974	26.1
6 Dengue Fever	683	9.0
7 Chickenpox	510	6.7
8 TB Respiratory	232	3.1
9 Typhoid Fever	173	2.3
10 Acute Respiratory Infection	18	0.2

Causes	Eastern Visayas	
	Number	Rate
1 Acute Respiratory Infection	152,783	3,448.6
2 ALRTI and Pneumonia	78,696	1,776.3
3 Hypertension	56,964	1,285.8
4 Urinary Tract Infection	21,965	495.8
5 Bronchitis	19,964	450.6
6 Acute Watery Diarrhea	19,379	437.4
7 Acute Febrile Illness	8,486	191.5
8 TB Respiratory	4,313	97.4
9 Influenza	4,044	91.3
10 TB Other Forms	3,633	82.0

Causes	Zamboanga Peninsula	
	Number	Rate
1 Acute Respiratory Infection	29,373	770.1
2 Hypertension	26,550	696.1
3 ALRTI and Pneumonia	21,454	562.5
4 Influenza	15,508	406.6
5 Urinary Tract Infection	8,384	219.8
6 Bronchitis	8,099	212.3
7 TB Respiratory	1,869	49.0
8 Acute Watery Diarrhea	1,285	33.7
9 Dengue Fever	705	18.5
10 Chickenpox	386	10.1

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2016

Causes	Northern Mindanao	
	Number	Rate
1 Acute Respiratory Infection	205,016	4,213.7
2 Hypertension	31,969	657.1
3 ALRTI and Pneumonia	22,362	459.6
4 Influenza	22,335	459.1
5 Urinary Tract Infection	13,615	279.8
6 Bronchitis	13,607	279.7
7 Chickenpox	1,253	25.8
8 TB Other Forms	1,243	25.5
9 TB Respiratory	985	20.2
10 Typhoid Fever	825	17.0

Causes	Davao	
	Number	Rate
1 ALRTI and Pneumonia	50,040	994.2
2 Acute Respiratory Infection	43,460	863.5
3 Acute Bloody Diarrhea	16,983	337.4
4 Hypertension	15,977	317.4
5 Urinary Tract Infection	15,788	313.7
6 Acute Hemorrhagic Fever	9,148	181.8
7 Dengue Fever	4,825	95.9
8 Influenza	4,550	90.4
9 Diseases of the Heart	2,980	59.2
10 TB Respiratory	2,880	57.2

Causes	SOCCSKSARGEN	
	Number	Rate
1 Acute Respiratory Infection	73,551	1,542.4
2 Hypertension	40,667	852.8
3 ALRTI and Pneumonia	30,280	635.0
4 Acute Watery Diarrhea	20,432	428.5
5 Influenza	20,345	426.7
6 Acute Hemorrhagic Fever	14,194	297.7
7 Urinary Tract Infection	6,329	132.7
8 Dengue Fever	5,998	125.8
9 Typhoid Fever	4,264	89.4
10 Diseases of the Heart	961	20.2

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population
Philippines, 2016

Causes	CARAGA	
	Number	Rate
1 Acute Respiratory Infection	94,543	3,557.8
2 Diseases of the Heart	29,497	1,110.0
3 Influenza	20,900	786.5
4 Urinary Tract Infection	19,292	726.0
5 ALRTI and Pneumonia	10,751	404.6
6 Hypertension	2,267	85.3
7 TB Respiratory	2,059	77.5
8 Acute Bloody Diarrhea	912	34.3
9 Schistosomiasis	898	33.8
10 TB Other Forms	552	20.8

Causes	ARMM	
	Number	Rate
1 Acute Respiratory Infection	73,773	2,068.3
2 Hypertension	47,128	1,321.3
3 Acute Watery Diarrhea	34,893	978.3
4 ALRTI and Pneumonia	20,442	573.1
5 Acute Febrile Illness	18,093	507.3
6 Urinary Tract Infection	16,517	463.1
7 Influenza	12,933	362.6
8 Diseases of the Heart	6,245	175.1
9 Bronchitis	5,410	151.7
10 TB All Forms	1,308	36.7

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2016

Area	Acute Bloody Diarrhea		Acute Watery Diarrhea		Cholera (A00)		Typhoid and Paratyphoid Fever (A01)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	61,281	59.1	113,137	109.1	136	0.1	13,056	12.6
NCR	-	0.0	1,383	10.5	-	0.0	7	0.1
CAR	3,776	210.7	20,636	1151.5	-	0.0	240	13.4
Ilocos	72	1.4	23,621	461.9	17	0.3	2,005	39.2
Cagayan Valley	986	28.1	9,562	272.4	34	1.0	770	21.9
Central Luzon	19	0.2	3	0.0	26	0.2	-	0.0
Calabarzon	35,498	234.0	-	0.0	39	0.3	129	0.9
Mimaropa	478	15.6	-	0.0	-	0.0	28	0.9
Bicol	95	1.6	2,372	40.1	2	0.0	44	0.7
Western Visayas	773	10.0	6,207	80.6	-	0.0	731	9.5
Central Visayas	-	0.0	-	0.0	-	0.0	173	2.3
Eastern Visayas	900	20.3	19,379	437.4	-	0.0	1,908	43.1
Zamboanga Peninsula	9	0.2	1,285	33.7	-	0.0	170	4.5
Northern Mindanao	-	0.0	-	0.0	-	0.0	825	17.0
Davao	16,983	337.4	-	0.0	5	0.1	1,166	23.2
SOCCSKSARGEN	420	8.8	20,432	428.5	-	0.0	4,264	89.4
ARMM	912	25.6	8,257	231.5	13	0.4	33	0.9
CARAGA	360	13.5	-	0.0	-	0.0	563	21.2

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2016

Area	Leptospirosis (A27)		Leprosy (A30)		Neonatal Tetanus (A33)		Non-Neonatal Tetanus (A35)	
	Number	Rate	Number	Rate	Number	Rate*	Number	Rate
Philippines	676	0.7	169	0.2	71	0.0	343	0.3
NCR	-	0.0	1	0.0	-	0.0	2	0.0
CAR	2	0.1	1	0.1	12	0.4	-	0.0
Ilocos	313	6.1	-	0.0	1	0.0	71	1.4
Cagayan Valley	79	2.3	8	0.2	3	0.1	18	0.5
Central Luzon	197	1.7	-	0.0	7	0.0	69	0.6
Calabarzon	3	0.0	22	0.1	2	0.0	13	0.1
Mimaropa	-	0.0	-	0.0	2	0.0	2	0.1
Bicol	3	0.1	6	0.1	-	0.0	-	0.0
Western Visayas	34	0.4	4	0.1	1	0.0	15	0.2
Central Visayas	-	0.0	1	0.0	-	0.0	-	0.0
Eastern Visayas	4	0.1	7	0.2	-	0.0	-	0.0
Zamboanga Peninsula	-	0.0	16	0.4	-	0.0	-	0.0
Northern Mindanao	-	0.0	11	0.2	-	0.0	-	0.0
Davao	9	0.2	-	0.0	16	0.2	89	1.8
SOCCSKSARGEN	5	0.1	-	0.0	18	0.2	34	0.7
ARMM	16	0.4	50	1.4	1	0.0	19	0.5
CARAGA	11	0.4	42	1.6	8	0.2	11	0.4

* per 1000 livebirth

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2016

Area	Diphtheria (A36)		Whooping Cough (A37)		Meningococcal Infection (A39)		Rabies (Human) (A82)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	29	0.0	178	0.2	161	0.2	165	0.2
NCR	-	0.0	38	0.3	-	0.0	-	0.0
CAR	-	0.0	5	0.3	-	0.0	4	0.2
Ilocos	6	0.1	8	0.2	2	0.0	19	0.4
Cagayan Valley	2	0.1	-	0.0	2	0.1	4	0.1
Central Luzon	11	0.1	-	0.0	16	0.1	33	0.3
Calabarzon	-	0.0	28	0.2	-	0.0	-	0.0
Mimaropa	-	0.0	-	0.0	-	0.0	-	0.0
Bicol	-	0.0	-	0.0	-	0.0	-	0.0
Western Visayas	-	0.0	-	0.0	1	0.0	1	0.0
Central Visayas	-	0.0	-	0.0	-	0.0	-	0.0
Eastern Visayas	-	0.0	-	0.0	-	0.0	-	0.0
Zamboanga Peninsula	-	0.0	-	0.0	-	0.0	9	0.2
Northern Mindanao	-	0.0	-	0.0	-	0.0	23	0.5
Davao	1	0.0	87	1.7	14	0.3	43	0.9
SOCCSKSARGEN	9	0.2	12	0.3	1	0.0	16	0.3
ARMM	-	0.0	-	0.0	-	0.0	8	0.2
CARAGA	-	0.0	-	0.0	125	4.7	5	0.2

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2016

Area	Viral Encephalitis (A86)		Viral Meningitis (A87.9)		Dengue Hemorrhagic Fever (A98-A99)		Measles (B05)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	40	0.0	530	0.5	40,158	38.7	1,952	1.9
NCR	-	0.0	-	0.0	2,998	22.7	109	0.8
CAR	-	0.0	17	0.9	1,948	108.7	113	6.3
Ilocos	-	0.0	-	0.0	1	0.0	191	3.7
Cagayan Valley	9	0.3	88	2.5	2,245	63.9	112	3.2
Central Luzon	-	0.0	197	1.7	-	0.0	114	1.0
Calabarzon	-	0.0	-	0.0	238	1.6	131	0.9
Mimaropa	-	0.0	-	0.0	24	0.8	9	0.3
Bicol	-	0.0	-	0.0	234	4.0	57	1.0
Western Visayas	5	0.1	42	0.5	3,190	41.4	42	0.5
Central Visayas	-	0.0	-	0.0	15	0.2	14	0.2
Eastern Visayas	-	0.0	-	0.0	1,369	30.9	151	3.4
Zamboanga Peninsula	-	0.0	-	0.0	217	5.7	76	2.0
Northern Mindanao	-	0.0	-	0.0	3,239	66.6	473	9.7
Davao	26	0.5	-	0.0	9,148	181.8	37	0.7
SOCCSKSARGEN	-	0.0	144	3.0	14,194	297.7	75	1.6
ARMM	-	0.0	42	1.2	9	0.3	3	0.1
CARAGA	-	0.0	-	0.0	1,089	41.0	245	9.2

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2016

Area	Viral Hepatitis (B15-B19)		Malaria (B50-B54)		Schistosomiasis (B65)		Filariasis (B74)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	1,956	1.9	314	0.3	1,528	1.5	84	0.1
NCR	149	1.1	4	0.0	-	0.0	-	0.0
CAR	75	4.2	-	0.0	-	0.0	-	0.0
Ilocos	156	3.1	1	0.0	-	0.0	-	0.0
Cagayan Valley	61	1.7	-	0.0	-	0.0	3	0.1
Central Luzon	226	2.0	10	0.1	-	0.0	-	0.0
Calabarzon	17	0.1	-	0.0	-	0.0	-	0.0
Mimaropa	4	0.1	71	2.3	3	0.1	-	0.0
Bicol	3	0.1	-	0.0	26	0.4	-	0.0
Western Visayas	296	3.8	-	0.0	-	0.0	-	0.0
Central Visayas	5	0.1	-	0.0	-	0.0	-	0.0
Eastern Visayas	88	2.0	-	0.0	397	9.0	-	0.0
Zamboanga Peninsula	32	0.8	1	0.0	-	0.0	-	0.0
Northern Mindanao	66	1.4	-	0.0	151	3.1	-	0.0
Davao	173	3.4	11	0.2	7	0.1	3	0.1
SOCCSKSARGEN	272	5.7	133	2.8	-	0.0	-	0.0
ARMM	329	9.2	-	0.0	898	25.2	67	1.9
CARAGA	4	0.2	83	3.1	46	1.7	11	0.4

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2016

Area	Acute LRTI and Pneumonia (J18, J22)		Acute Febrile Illness (R50)		Acute Flaccid Paralysis (A80.3)		Paralytic Shellfish Poisoning (T61)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	786,085	758.0	46,103	44.5	139	0.1	1	0.0
NCR	161,689	1,224.4	119	0.9	0	0.0	-	0.0
CAR	18,148	1,012.7	-	0.0	-	0.0	-	0.0
Ilocos	10,296	201.3	-	0.0	34	0.7	1	0.0
Cagayan Valley	135,669	3,864.4	2,875	81.9	13	0.4	-	0.0
Central Luzon	16,620	144.1	-	0.0	44	0.4	-	0.0
Calabarzon	105,022	692.2	-	0.0	-	0.0	-	0.0
Mimaropa	5,651	184.9	-	0.0	-	0.0	-	0.0
Bicol	40,055	676.6	14,947	252.5	14	0.2	-	0.0
Western Visayas	49,656	644.6	-	0.0	0	0.0	-	0.0
Central Visayas	9,254	122.3	-	0.0	-	0.0	-	0.0
Eastern Visayas	78,696	1,776.3	8,486	191.5	-	0.0	-	0.0
Zamboanga Peninsula	21,454	562.5	-	0.0	-	0.0	-	0.0
Northern Mindanao	22,362	459.6	-	0.0	-	0.0	-	0.0
Davao	50,040	994.2	-	0.0	0	0.0	-	0.0
SOCCSKSARGEN	30,280	635.0	4	0.1	34	0.7	-	0.0
ARMM	10,751	301.4	1,579	44.3	0	0.0	-	0.0
CARAGA	20,442	769.3	18,093	680.9	-	0.0	-	0.0

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1996-2016

Year	Diarrheas				Typhoid and Paratyphoid Fever (A01)			
	Cases * (A09)		Deaths (A00-A09)		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2016	174,418	168.2	5,393	5.2	13,056	12.6	350	0.3
2015	166,501	164.9	4,279	4.2	11,369	11.3	350	0.3
2014	108,327	108.5	3,215	3.2	8,106	8.1	512	0.5
2013	102,063	104.1	3,952	4.0	4,574	4.7	***	***
2012	247,218	257.0	4,986	5.2	12,511	13.0	***	***
2011	221,048	234.2	4,199	4.4	10,331	10.9	***	***
2010	132,553	140.9	3,708	3.9	2,818	3.0	***	***
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

* Acute Watery and Bloody Diarrhea

Year	Leprosy				Diphtheria (A36)			
	Cases (A30)		Deaths** (A30, B92)		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2016	169	0.2	50	0.0	29	0.0	31	0.0
2015	225	0.2	51	0.1	1	0.0	23	0.0
2014	93	0.1	41	0.0	5	0.0	24	0.0
2013	530	0.5	27	0.0	4	0.0	29	0.0
2012	214	0.2	30	0.0	167	0.2	23	0.0
2011	303	0.3	28	0.0	2	0.0	18	0.0
2010	274	0.3	30	0.0	1	0.0	23	0.0
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

** includes late effects

*** no data available

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1996-2016

Year	Whooping Cough (A37)				Tetanus			
	Cases		Deaths		Cases (A33, A35)		Deaths (A33-A35)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2016	178	0.2	7	0.0	414	0.4	592	0.6
2015	688	0.7	5	0.0	438	0.4	565	0.6
2014	1,308	1.3	3	0.0	270	0.3	521	0.5
2013	328	0.3	17	0.0	189	0.2	555	0.6
2012	35	0.0	0	0.0	103	0.1	572	0.6
2011	118	0.1	2	0.0	81	0.1	598	0.6
2010	1	0.0	3	0.0	21	0.0	590	0.6
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

Year	Schistosomiasis (B65)				Filariasis (B74)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2016	1,528	1.5	318	0.3	84	0.1	3	0.0
2015	1,852	1.8	295	0.3	271	0.3	5	0.0
2014	2,348	2.4	245	0.2	2	0.0	3	0.0
2013	638	0.7	264	0.3	8	0.0	8	0.0
2012	1,372	1.4	237	0.2	96	0.1	6	0.0
2011	494	0.5	255	0.3	49	0.1	3	0.0
2010	638	0.7	203	0.2	158	0.2	6	0.0
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

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1996-2016

Year	Measles (B05)				Dengue			
	Cases		Deaths		Cases A91, A94		Deaths A90, A91	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2016	1,952	1.9	5	0.0	40,158	38.7	1,936	1.9
2015	2,526	2.5	13	0.0	13,330	13.2	1,342	1.3
2014	14,118	14.1	497	0.5	3,813	3.8	872	0.9
2013	2,231	2.3	107	0.1	13,450	13.7	1,060	1.1
2012	2,673	2.8	21	0.0	9,197	9.6	1,251	1.3
2011	6,725	7.1	38	0.0	1,541	1.6	1,067	1.1
2010	3,380	3.6	51	0.1	12,636	13.4	1,631	1.7
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

Year	Viral Hepatitis (B15-B19)				Malaria (B50-B54)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2016	1,956	1.9	888	0.9	314	0.3	11	0.0
2015	1,551	1.5	838	0.8	5,208	5.2	19	0.0
2014	1,571	1.6	766	0.8	215	0.2	22	0.0
2013	1,407	1.4	758	0.8	4,457	4.5	25	0.0
2012	1,724	1.8	768	0.8	4,682	4.9	44	0.0
2011	1,474	1.6	730	0.8	507	0.5	28	0.0
2010	3,236	3.4	735	0.8	4,544	4.8	54	0.1
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

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1996-2016

Year	Pneumonia			
	Cases * (J12-J18; J22)		Deaths (J12-J18)	
	Number	Rate	Number	Rate
2016	786,085	758.0	57,720	55.7
2015	540,987	535.7	49,595	49.1
2014	488,415	489.0	52,460	52.5
2013	747,297	762.5	53,101	54.2
2012	526,638	547.5	50,144	52.1
2011	581,025	615.6	48,432	51.3
2010	402,334	428.0	45,591	48.5
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

*Acute Lower RTI and Pneumonia

MORBIDITY AND MORTALITY TRENDS

Rate / 100,000 Population, Philippines, 1996-2016

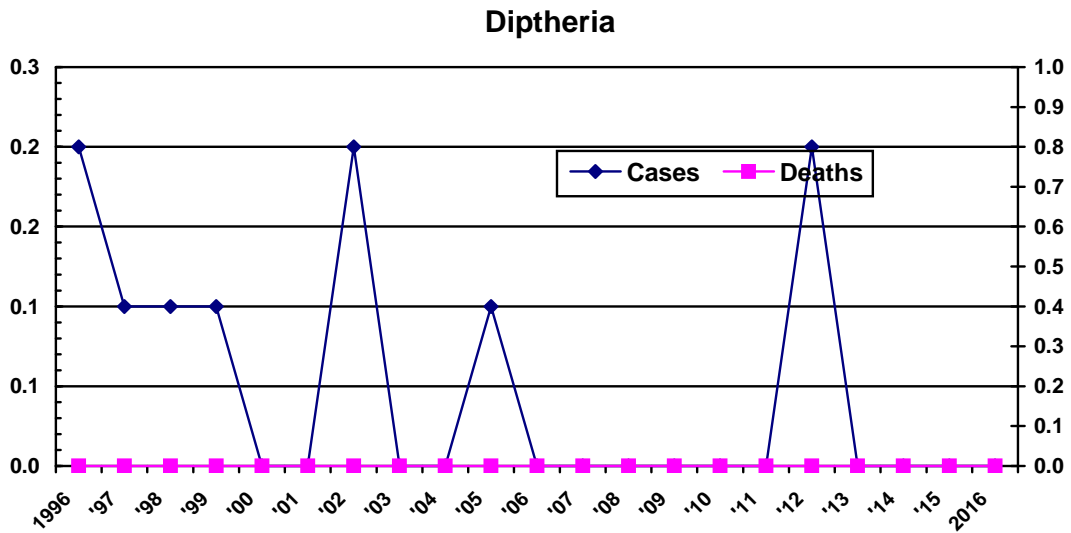
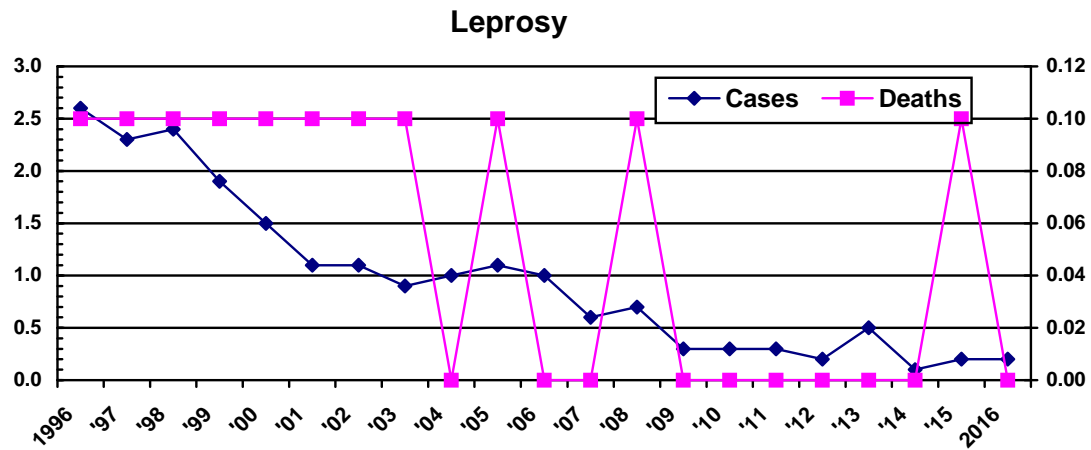
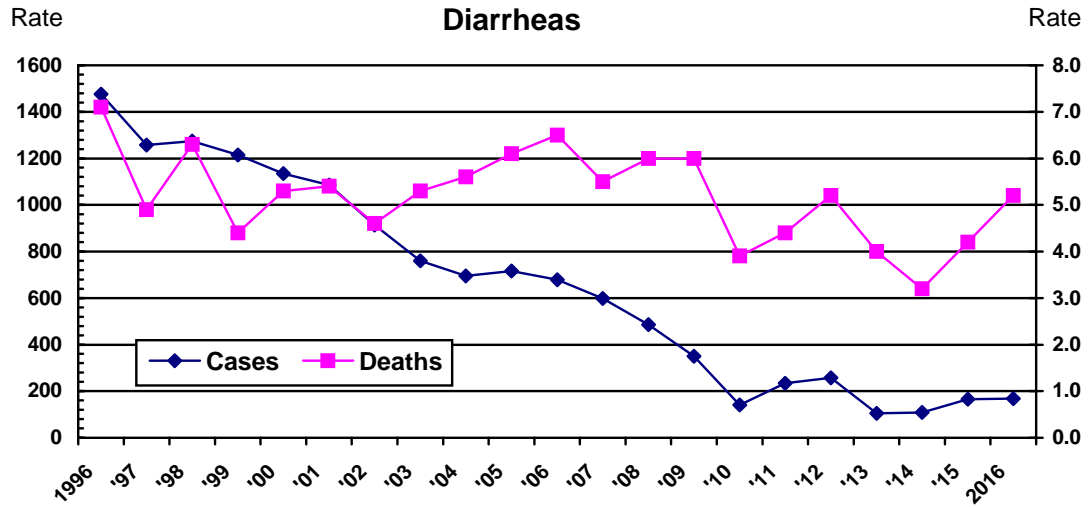


Figure 13

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1996-2016

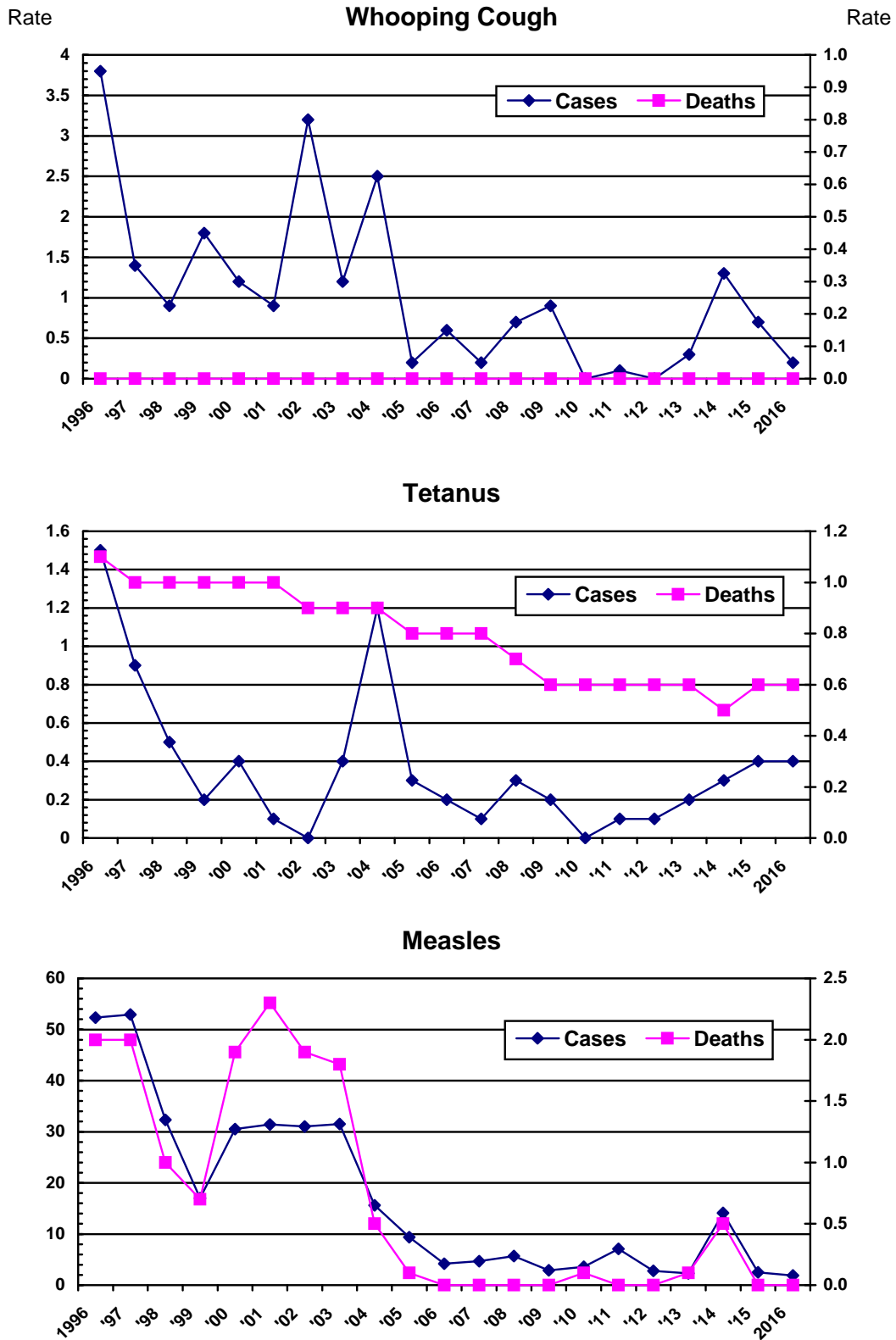


Figure 13

MORBIDITY AND MORTALITY TRENDS
Rate / 100,000 Population, Philippines, 1996-2016

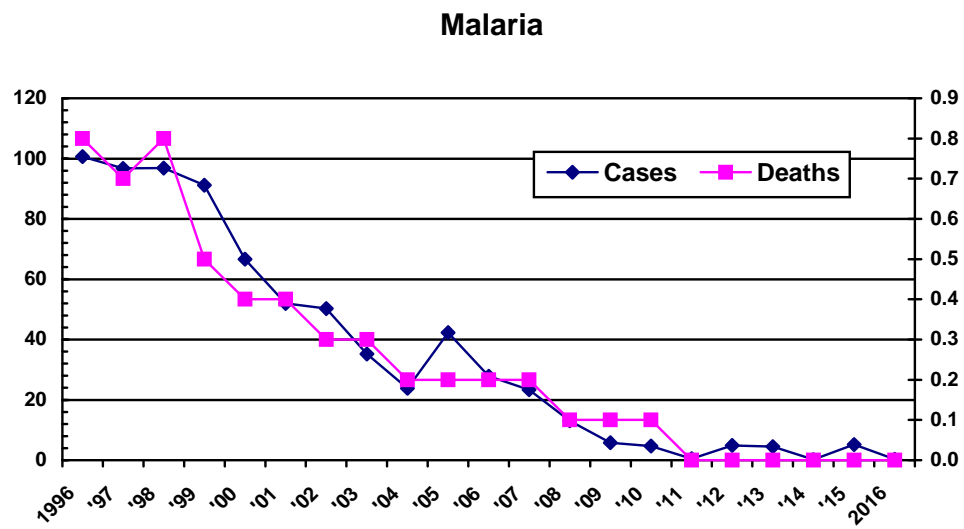
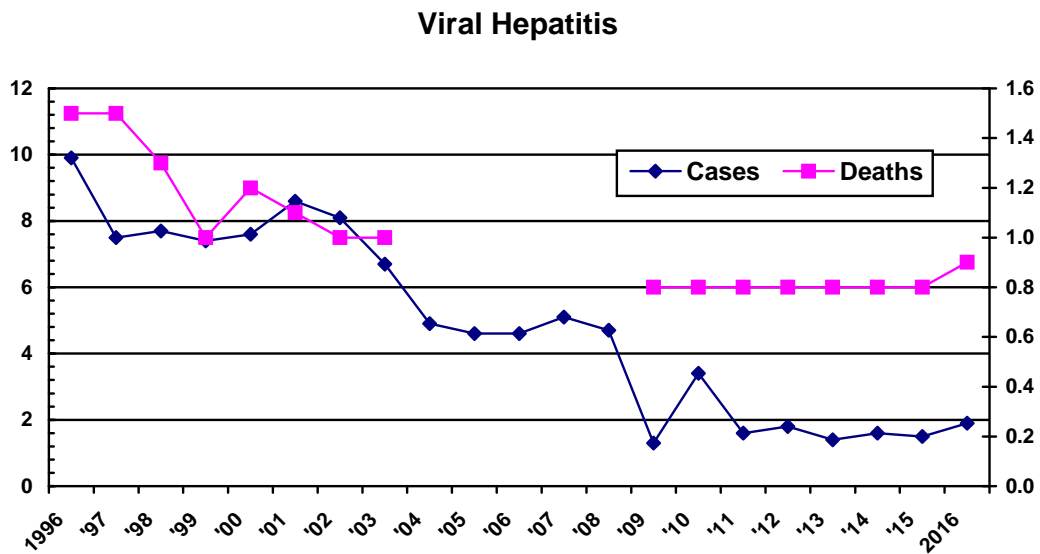
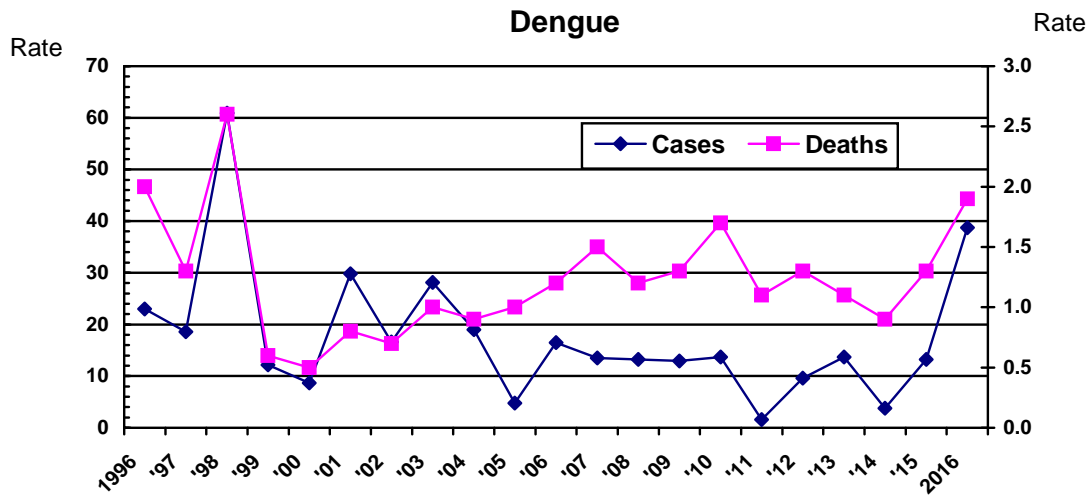


Figure 13

MORBIDITY AND MORTALITY TRENDS

Rate / 100,000 Population, Philippines, 1996-2016

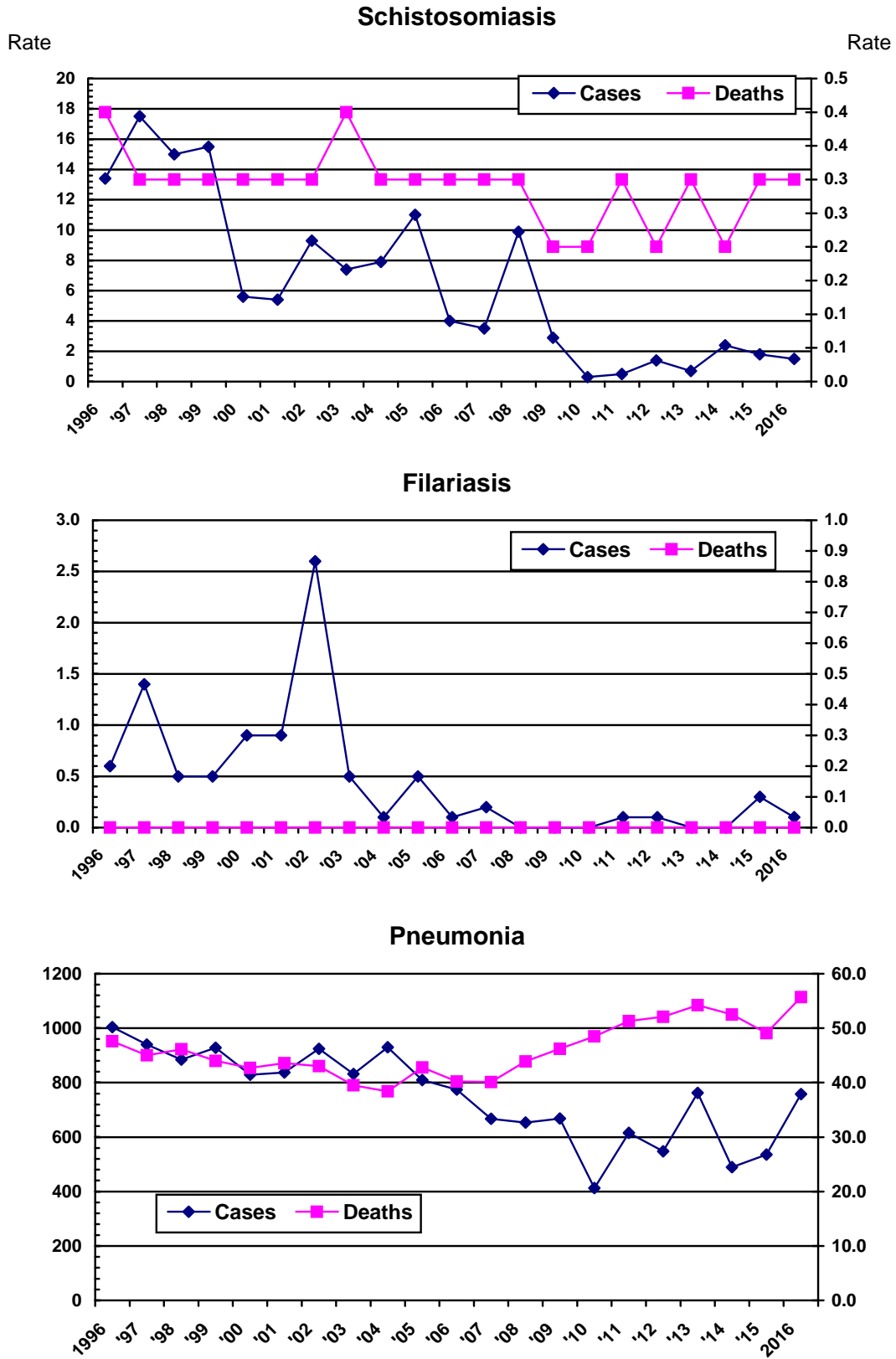


Figure 13

MORTALITY STATISTICS

Mortality data are fundamental source of demographic, geographic, and cause-of-death information. Although mortality data reflect just the opposite of the state of health of a population, specific age and sex mortality rates are important indicators of the health status of a population. It plays a vital role in understanding the health status of the population. It provides a basis for studying the occurrence of disease, its severity and how it affects the quality of life before death. 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. Measuring and comparing mortality rates across populations also helps to highlight health differences among different groups of people.

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. Further, examining trends of mortality over time assists in the evaluation of the health system.

Presented in this report were data on registered deaths that occurred from January to December 2016. The numbers were provided by the Vital Statistics Division of the Philippine Statistics Authority (PSA) through information obtained from Death Certificates (Municipal Form No. 103) that were registered at the Office of the City/Municipal Civil Registrars all throughout the country and forwarded to the PSA. Figures presented are not adjusted for under-registration.

The 2016 Philippine Health Statistics (PHS) presents different indicators on mortality such as Crude Death Rate (CDR), Infant Mortality Rate (IMR), Maternal Mortality Ratio (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. The ASDR indicates rates of death at different ages or the relative exposure of population of subgroups to the risk of dying. The 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. The MMR is an important indicator of women's health before, during and after 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 be interested for the disease-causing death of children population which is 1-14 years old. This report also included tables for fetal deaths.

GENERAL MORTALITY

In the Philippines, there were 582,183 deaths registered in 2016. This is equivalent to five or six deaths for every one thousand population. Of these deaths, 57.5 percent or 334,678 deaths were males and 42.5 percent or 247,505 deaths were females. For every 100 female deaths, there correspond 135 male deaths and which constituted to a death sex ratio of 1.35.

The 2016 Crude Death Rate (CDR) per thousand population was computed at 5.6 deaths. The two-decade trend of CDR from 1996 to 2016 is slowly but steadily increases, from 4.9 deaths to 5.6 deaths per one thousand population. (Table 4)

It is consistent, across regions, that number of male deaths are greater than female deaths. Consequently, males always have higher death rate than females. In 2016, CDR for male is 6.4 versus CDR for female, which is 4.8 per one thousand population of each sex group. Reports also showed that the highest occurrence of deaths were among the elderly persons, 70 years old and over. It comprised about 38.2 percent of total deaths with 222,661 deaths. However, death occurrence was least among age group 10-14 years with 0.8 percent. Mortality among under 1 year old is more than twice (21,874 or 3.8%) the number of deaths in ages 1-4 years (9,130 or 1.6%) The proportion of deaths is higher to people in older age groups, as shown in Table 19.

Reports showed that the highest incidence of death was in CALABARZON with 82,764 or 14.2 percent of the total deaths, followed by NCR with 76,839 deaths or 13.2 percent and Central Luzon with 68,757 deaths or 11.8 percent. Percentage of deaths from these three regions alone, already comprised 39.2 percent of the total deaths. While, deaths from Luzon comprised 59.3 percent of total deaths. (Table 20)

On the other hand, Autonomous Region of Muslim Mindanao (ARMM) reported the least number of deaths with 3,246 or 0.6 percent only. While, Cordillera Administrative Region (CAR) and CARAGA followed from the bottom, with a share of 1.4 percent and 2.6 percent respectively. These three regions were consistently low in terms of the number of deaths registered, which maybe a result of either effective health intervention or under registration.(Table 20)

In 2016, Ilocos Region reported the highest CDR with 7.0 deaths per one thousand of regional population. It is followed by Western Visayas and Central Visayas with CDR of 6.7 and 6.3 deaths per one thousand of the regional population, respectively. Whereas, ARMM posted the lowest CDR with only 0.9 deaths per one thousand of the regional population.

Eight (8) out of seventeen (17) regions in the country had exceeded the national CDR of 5.6; and the rest of the nine (9) regions are either have equal to or fall below the national CDR. (Table 20)

Across all regions and in all age groups, except for 70 years and over, numbers of male deaths were generally higher than female deaths. A difference of 17.8 between CDRs of male and female, 70 years and older, could be attributable to the difference of 7 years in life expectancy of male and female, which were 65 years and 72 years respectively. This was based on the World Health Organization (WHO) data published in 2014, which stated that female tends to live 7 years longer than male, thus, more female dies at a later age. (Table 19)

Most number of deaths occurred in October with 52,357 deaths or 9.0 percent share from total deaths. The month of September had the second highest with 51,728 deaths or 8.9 percent. While, February recorded the least number of deaths with 43,931 or 7.5 percent share.

On the average, around 1,591 deaths occurred daily or about 66 people die every hour or one person per minute in 2016. However, only the months of February, March, April and June did not exceed the average number of daily occurrences of deaths.

Out of 582,183 deaths registered in 2016, about 84 percent (491,044) were attributed to the top ten leading causes of death for the year. Mortality from all other causes comprised only 16 percent of total deaths or 91,139 deaths. One in every four 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 138,230 deaths and with a computed rate of 133.3 deaths per 100,000 population. It recorded a 23.7 percent share from total deaths.

Diseases of the heart had been consistently the number one cause of death for several years now. The number of deaths from this condition is 1,351 deaths (0.99%) higher than what was reported in 2015 which had 136,879 deaths. More males die from this cause than females. Out of 138,230 deaths reported, 78,164 or 56 percent were males and 60,066 or 44 percent were females. Thus, the death sex ratio for Diseases of the heart was 1.3 or 130 male deaths in every 100 female deaths. (Table 22)

Deaths from Diseases of the heart came in many forms such as Acute rheumatic fever and Chronic rheumatic heart disease, Hypertensive diseases and Ischemic heart diseases, among many other. Of these types of heart diseases, Ischemic heart disease caused the most number of deaths (74,134 or 54 percent). Male more than females died from this cause, with 44,472 and 29,662 deaths respectively. The number of deaths from this cause increases as the age of the deceased increases. On the other hand, deaths from hypertensive heart diseases were 33,452 or 24 percent.

Overall, most fatalities from Diseases of the heart were elderly, belonging to 70 years old and over with 62,567 deaths or 45.3 percent. The 2016 mortality statistics showed that deaths due to heart diseases were higher for men than women for age groups less than 70 years old. However, more women than men age 70 years and older died from the said condition. (Table 28)

In 2016, deaths caused by Malignant neoplasm ranked second (60,470; 10.4%), which, in the past five years, usually ranked third only. It exceeded the number of deaths from diseases of the cerebrovascular system (60,277; 10.4%), which is now the third leading cause of death. The next two diseases in the list which remained in their respective rankings were Pneumonia (57,809; 9.9%) and Accidents (44,426; 7.6%).

Eight out of the ten leading causes of deaths were male dominated. Number of female deaths were only higher than the male deaths caused by Malignant neoplasms and Diabetes mellitus deaths. Number of male deaths from accidents was four times higher than the female deaths; and more than twice as high from deaths caused by all forms of Tuberculosis. (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 when tabulated by sex. (Tables 24 and 25).

In 2016, a higher proportion of medically unattended deaths from ten leading causes of mortality was noted. The highest of which, were deaths from Chronic lower respiratory condition (69.7%) and followed by Pneumonia (67.6%). Reports also showed that three out of five deaths from accidents were not medically attended. (Table 26).

Across all regions, NCR had at highest proportion of deaths medically attended (54.7%), followed by Northern Mindanao (42.9%) and Western Visayas (42.2%). NCR is composed of highly urbanized cities, and is expected that health service is readily available and that health facilities are accessible. However, still, half of their deaths were not medically attended. This may be due to the residents' poor health seeking behavior or the high cost of health services. (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 34.0 percent or 198,507 deaths. This group included the two killer diseases, Diseases of the heart and Diseases of the vascular system. (Table 30)

Number of deaths from Diseases of the heart was highest as compared with number of deaths from Communicable diseases and Malignant neoplasm. However, as compared in 2015, the death rate from Diseases of heart decreased, while the death rate from two other groups increased. (Table 31)

The ten leading causes of mortality in a ten-year-period interval; 2016, 2006 and 1996 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 rate of dying from those same conditions were increasing through the years, specifically deaths from Malignant neoplasm, which also increases in rank. It is now the second killer disease from rank four in year 1996 and rank three in year 2006.

INFANT MORTALITY

The 2016 infant death rate increased by six percent from 11.9 infant deaths per 1000 live births in 2015 to 12.6 infant deaths per 1000 live births in 2016. The 21,874 infant deaths comprised 3.7 percent of the total deaths (582,183) reported during the year. This represented a daily average of 60 infant deaths or two infant deaths every hour. Statistics showed a decreasing IMR between ten-year-period interval, although there were minimal increases at some point. In 2006, the IMR was 13.1 and in 1996, it was 19.0. (Table 4)

The National Capital Region (NCR) posted the highest IMR with 16.8 deaths per one thousand live births or 3,687 deaths. The regions of CALABARZON and Ilocos followed with IMR of 14.8 and 14.7 respectively. In contrary, ARMM recorded the lowest IMR of 6.7 with 209 infant deaths. Majority of the 17 regions (10 regions) fall below the national IMR of 12.6 deaths per one thousand live births. (Table 5)

October recorded the highest number of infant deaths in 2014 with a share of 9.3 percent or 2,031 infant deaths. This was translated to about 66 infant deaths per day. This was followed by months of July (9.1%) and August (9.0%). While, the month of February had the least number of infant deaths recorded with 1,557 deaths or 7.1 percent of total infant deaths and an average of only 54 deaths per day of that month. (Table 6)

From the total infant deaths of 21,874, more deaths occurred to infants less than 28 days old with 54.9 percent or 11,573 deaths than to infants one month to less than one year old with 10,301 deaths. (Table 33)

The top three leading causes of infant mortality were Pneumonia (2,885; 13.2%); Respiratory distress of newborn (2,263; 10.3%) and Bacterial sepsis of newborn (2,136; 9.8%). Nine out of the ten leading causes of infant deaths in 2016 were also the leading causes of infant deaths in 2015. Septicemia which was previously the tenth cause of deaths is now replaced by other diseases of the respiratory system (J30-J98). A notable increase in number for this year's cause of infant deaths is the Diarrhea and gastroenteritis of infectious origin (A09). (Table 34)

Across all regions, the proportion of infant deaths was generally higher among male than females. In the Philippines, more than half of infant deaths were males (112,566 or 57.4%). The infant death sex ratio was computed at 135 males per 100 female babies. (Table 35)

MATERNAL MORTALITY

Maternal health refers to the health of women during pregnancy, childhood and postpartum period. While motherhood is often a positive and fulfilling experience, for too many women it is associated with suffering, ill-health and even death. (WHO) On the other hand, 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, during and even after 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 Philippine Statistics Authority for processing and archiving. Included in this report are registered maternal deaths that occurred in 2016. No adjustments for under registration were done in the presentation.

In 2016, the number of registered maternal deaths reached a total of 1,483. The Maternal Mortality Ratio (MMR) is 0.9 per one thousand live birth. There was a decrease of ten percent from last year's MMR of 1.0. (Table 4)

The Central Visayas Region recorded the highest MMR of 1.4 maternal deaths per one thousand live births. While ARMM recorded the lowest with 0.4 deaths per one thousand livebirths. Five (5) out of 17 regions had MMR higher than the national ratio of 0.9. (Table 5)

The leading cause of maternal mortality in 2016 was Eclampsia with 298 deaths and comprised 20 percent of maternal deaths, This was followed by Gestational hypertension with significant proteinuria with 265 deaths and was 17.9 percent of the total maternal deaths. (Table 36)

Statistics also showed that MMR was highest in women age 50 years and above, with ratio of 7.8 maternal deaths per one thousand live births. Consequently, the MMR was recorded to get higher as the age of mother gets older. (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 8,020 which was equivalent to a fetal death ratio (FDR) of 4.6 per one thousand livebirth. There was an increase in FDR of about 4.5 percent from previous year's FDR. This was translated to an average of 22 fetal deaths per day for the year 2016. (Table 4)

The FDR was highest in NCR with 7.2 fetal deaths per one thousand live births. The Bicol and Central Visayas Regions followed in both second rank with FDR of 6.4 fetal deaths per one thousand live births. Two (2) more regions recorded a higher FDR than the national FDR of 4.6 fetal deaths per one thousand live births. These were Ilocos (5.5) and Calabarzon (4.9). (Table 5)

Highest incidence of fetal deaths in 2016 was in August with 778 fetal deaths or 9.7 percent. The months of September and November followed with a percentage share of 9.2percent with 713 fetal deaths and 9.0 percent with 719 fetal deaths respectively. (Table 6)

Nine out of ten (88.9%) of fetal deaths were attended by qualified medical professionals such as physician (83.4%), nurse (0.3%) and midwife (5.2%). While those who were attended by hilot or unlicensed midwife was 4.5 percent. (Table 38)

Almost half (3,886; 48.4%) of fetal deaths died of unspecified cause. There were no specific cause recorded, despite the fact that eight out of ten fetal deaths were attended by physicians. This was more than double of what was recorded last year with only 20.8 percent. The next two leading causes of fetal death recorded were Birth asphyxia and those newborn affected by morphological and functional abnormalities of placenta, with 929 fetal deaths or which comprised 11.5 percent of total fetal deaths and 720 fetal deaths or 8.9 percent of total fetal deaths, respectively. (Table 39).

Most number of fetal deaths occurred to mothers in age-group 25-29 years, with 1,786 reported deaths or 22.3 percent of total fetal deaths. High number of fetal deaths were also registered to mothers of ages 20-24 years (1,649; 20.6%) and 30-34 years old (1,656; 20.6%). However, statistics show that older mother (40-44, and 45-49 years old) had the highest fetal death ratio as compared to other age-groups of mother. Their corresponding FDR were 9.6 and 10.6 fetal deaths per one thousand live births, respectively. (Table 40)

MORTALITY AMONG LOWER AGE GROUPS

The 2016 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 was the most common cause of death among children age 1-14 years. Pneumonia had the highest age-specific death rate (20.1 deaths per 100,000 of age-group population) among the 1-4 years old. Deaths from Diarrhea and gastroenteritis of infectious origin were also high among this age group with eleven deaths per 100,000 of age-group population. Statistics also showed that deaths due to accidental drowning and submersion were still common cause of deaths of children from these age groups. It was the third leading cause of death of children 1-4 years old and second leading cause of death of children 5-14 years old. (Table 41)

MORTALITY AMONG IMMUNIZABLE DISEASES

The number of deaths from immunizable diseases, among 0-14 years old were still notable in 2016. The highest number of deaths was due to all forms of Tuberculosis, which did not only include respiratory TB but also TB of other sites, with 500 deaths. It was then followed by Tetanus with 105 deaths. These two immunizable diseases were consistently high as compared to 2015 number of deaths. While, this year's deaths due to Measles and Acute poliomyelitis were lower than what was recorded in 2015.

Table 19

MORTALITY: ALL CAUSES BY AGE GROUP & SEX
Number , Rate/1,000 Population* & Percent Distribution
Philippines, 2016

Age	Male		Female		Both Sexes		
	Number	Rate	Number	Rate	Number	Rate	Percent
All Ages	334,678	6.4	247,505	4.8	582,183	5.6	100.0
Under 1 year	12,566	12.0	9,308	9.5	21,874	10.8	3.8
1 - 4 yrs.	4,905	1.1	4,225	1.0	9,130	1.1	1.6
5 - 9 yrs.	2,944	0.5	2,451	0.5	5,395	0.5	0.9
10 - 14 yrs.	2,708	0.5	1,929	0.4	4,637	0.4	0.8
15 - 19 yrs.	5,121	0.9	2,801	0.5	7,922	0.7	1.4
20 - 24 yrs.	8,043	1.7	3,540	0.8	11,583	1.2	2.0
25 - 29 yrs.	9,765	2.3	3,876	0.9	13,641	1.6	2.3
30 - 34 yrs.	10,957	2.8	4,702	1.3	15,659	2.1	2.7
35 - 39 yrs.	13,190	3.8	6,249	1.9	19,439	2.9	3.3
40 - 44 yrs.	15,500	4.7	7,848	2.5	23,348	3.6	4.0
45 - 49 yrs.	20,549	7.1	10,517	3.7	31,066	5.4	5.3
50 - 54 yrs.	25,329	10.2	13,457	5.5	38,786	7.8	6.7
55 - 59 yrs.	29,879	15.4	15,981	8.1	45,860	11.7	7.9
60 - 64 yrs.	34,113	26.6	19,093	13.6	53,206	19.8	9.1
65 - 69 yrs.	35,595	44.4	22,092	23.0	57,687	32.7	9.9
70 yrs. & Over	103,315	82.8	119,346	65.0	222,661	72.2	38.2
Not Stated	199	~	90	~	289	~	0.0

Note: Table is by usual residence

~ 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, 2016

Area	Male	Female	Both Sexes		
	Number	Number	Number	Rate*	Percent**
PHILIPPINES	334,678	247,505	582,183	5.6	100.0
National Capital Region	44,455	32,384	76,839	5.8	13.2
C.A.R.	4,875	3,454	8,329	4.6	1.4
Ilocos	19,819	15,847	35,666	7.0	6.1
Cagayan Valley	12,292	8,660	20,952	6.0	3.6
Central Luzon	39,354	29,403	68,757	6.0	11.8
Calabarzon	47,357	35,407	82,764	5.5	14.2
Mimaropa	9,420	6,685	16,105	5.3	2.8
Bicol	20,566	15,662	36,228	6.1	6.2
Western Visayas	29,203	22,053	51,256	6.7	8.8
Central Visayas	26,911	21,026	47,937	6.3	8.2
Eastern Visayas	13,482	10,339	23,821	5.4	4.1
Zamboanga Peninsula	10,202	7,255	17,457	4.6	3.0
Northern Mindanao	15,245	10,825	26,070	5.4	4.5
Davao	17,197	12,063	29,260	5.8	5.0
SOCCSKSARGEN	13,335	8,780	22,115	4.6	3.8
CARAGA	8,667	6,272	14,939	5.6	2.6
ARMM	1,971	1,265	3,236	0.9	0.6
Foreign Country	327	125	452	~	0.1

Note: Table is by usual residence

* rate is per 1000 of regional population

** percent share from total deaths

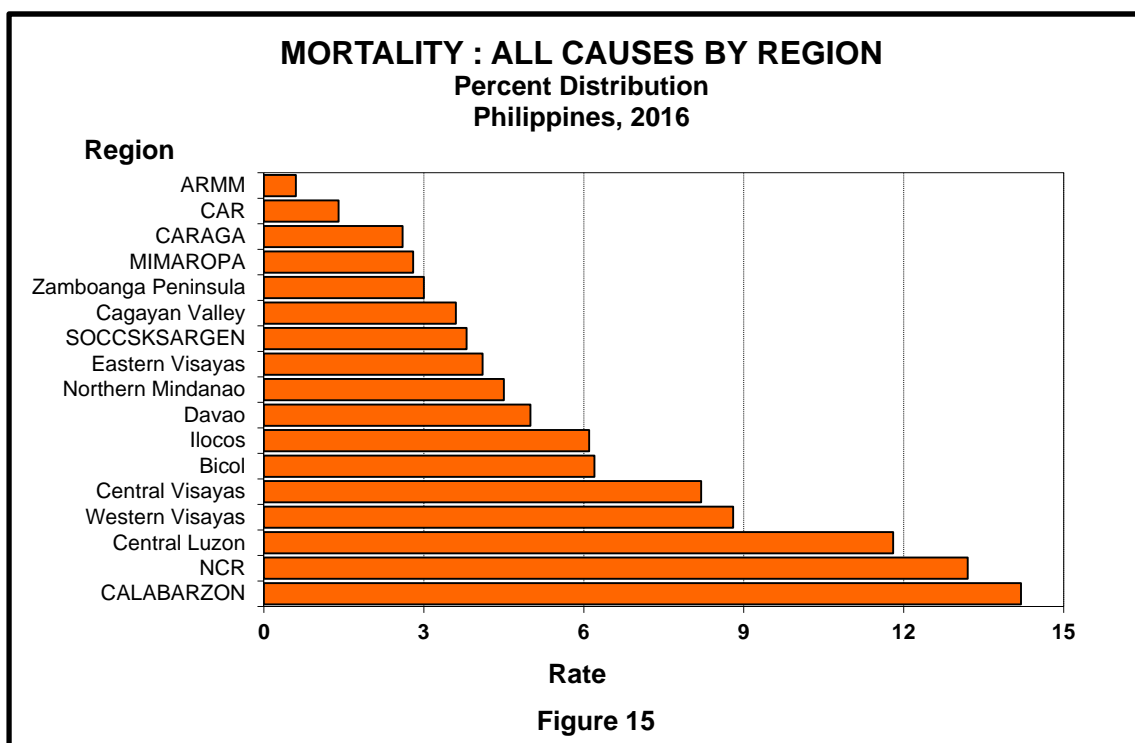
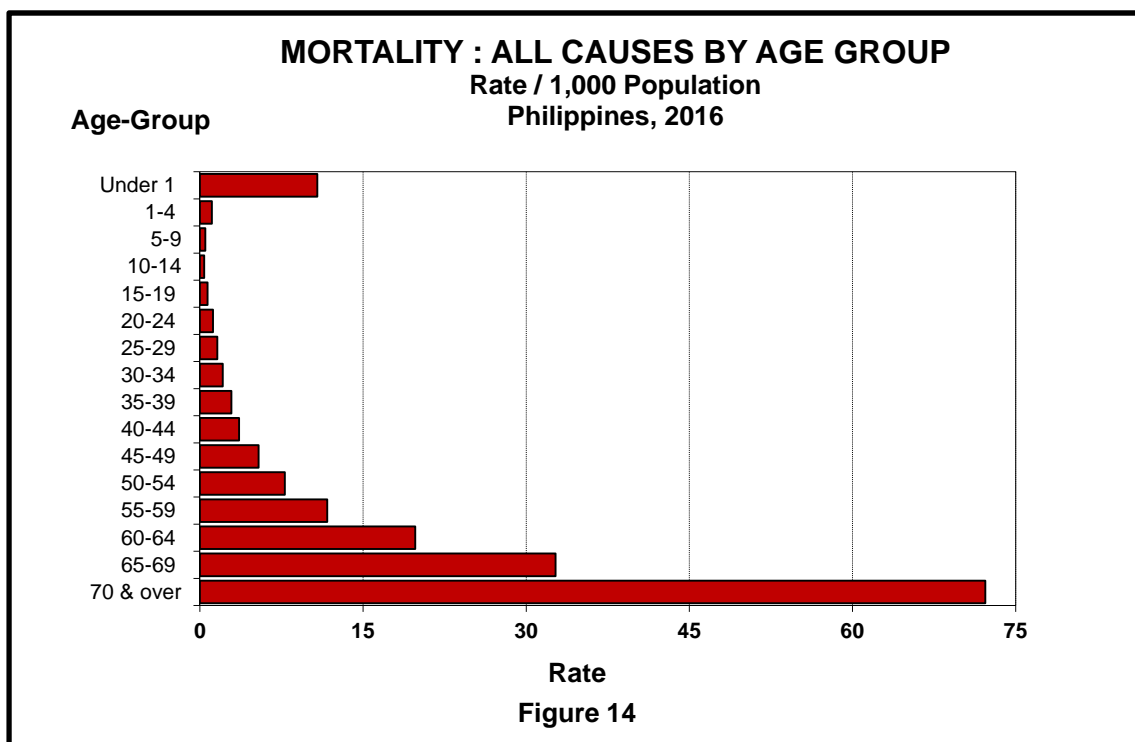


Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2016

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	44,455	32,384	76,839	100.0	4,875	3,454	8,329	100.0
Under 1 year	2,126	1,561	3,687	4.8	137	113	250	3.0
1 - 4 yrs.	567	483	1,050	1.4	42	26	68	0.8
5 - 9 yrs.	327	233	560	0.7	49	29	78	0.9
10 - 14 yrs.	296	216	512	0.7	37	30	67	0.8
15 - 19 yrs.	593	372	965	1.3	67	36	103	1.2
20 - 24 yrs.	1,172	505	1,677	2.2	112	38	150	1.8
25 - 29 yrs.	1,592	534	2,126	2.8	125	47	172	2.1
30 - 34 yrs.	1,678	683	2,361	3.1	139	45	184	2.2
35 - 39 yrs.	2,126	917	3,043	4.0	168	88	256	3.1
40 - 44 yrs.	2,464	1,118	3,582	4.7	184	87	271	3.3
45 - 49 yrs.	3,256	1,562	4,818	6.3	254	119	373	4.5
50 - 54 yrs.	3,779	2,025	5,804	7.6	331	144	475	5.7
55 - 59 yrs.	4,352	2,437	6,789	8.8	382	192	574	6.9
60 - 64 yrs.	4,709	2,645	7,354	9.6	467	245	712	8.5
65 - 69 yrs.	4,580	3,002	7,582	9.9	511	306	817	9.8
70 yrs. & Over	10,804	14,075	24,879	32.4	1,868	1,908	3,776	45.3
Not Stated	34	16	50	0.1	2	1	3	0.0

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	19,819	15,847	35,666	100.0	12,292	8,660	20,952	100.0
Under 1 year	662	543	1,205	3.4	355	249	604	2.9
1 - 4 yrs.	250	177	427	1.2	139	106	245	1.2
5 - 9 yrs.	142	113	255	0.7	91	61	152	0.7
10 - 14 yrs.	140	102	242	0.7	98	59	157	0.7
15 - 19 yrs.	289	131	420	1.2	203	87	290	1.4
20 - 24 yrs.	408	175	583	1.6	326	118	444	2.1
25 - 29 yrs.	453	174	627	1.8	330	120	450	2.1
30 - 34 yrs.	551	229	780	2.2	397	138	535	2.6
35 - 39 yrs.	679	344	1,023	2.9	473	205	678	3.2
40 - 44 yrs.	792	349	1,141	3.2	549	251	800	3.8
45 - 49 yrs.	1,065	512	1,577	4.4	718	325	1,043	5.0
50 - 54 yrs.	1,393	693	2,086	5.8	953	434	1,387	6.6
55 - 59 yrs.	1,584	855	2,439	6.8	1,167	591	1,758	8.4
60 - 64 yrs.	1,876	1,000	2,876	8.1	1,217	699	1,916	9.1
65 - 69 yrs.	2,160	1,283	3,443	9.7	1,275	724	1,999	9.5
70 yrs. & Over	7,371	9,164	16,535	46.4	3,999	4,490	8,489	40.5
Not Stated	4	3	7	0.0	2	3	5	0.0

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2016

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	39,354	29,403	68,757	100.0	47,357	35,407	82,764	100.0
Under 1 year	1,424	1,056	2,480	3.6	2,124	1,603	3,727	4.5
1 - 4 yrs.	545	441	986	1.4	756	661	1,417	1.7
5 - 9 yrs.	290	237	527	0.8	451	358	809	1.0
10 - 14 yrs.	311	178	489	0.7	349	257	606	0.7
15 - 19 yrs.	596	293	889	1.3	665	376	1,041	1.3
20 - 24 yrs.	958	355	1,313	1.9	1,085	529	1,614	2.0
25 - 29 yrs.	1,021	465	1,486	2.2	1,381	549	1,930	2.3
30 - 34 yrs.	1,198	513	1,711	2.5	1,580	748	2,328	2.8
35 - 39 yrs.	1,471	726	2,197	3.2	2,012	937	2,949	3.6
40 - 44 yrs.	1,690	910	2,600	3.8	2,243	1,230	3,473	4.2
45 - 49 yrs.	2,424	1,308	3,732	5.4	3,029	1,599	4,628	5.6
50 - 54 yrs.	3,023	1,678	4,701	6.8	3,824	2,068	5,892	7.1
55 - 59 yrs.	3,625	1,955	5,580	8.1	4,743	2,465	7,208	8.7
60 - 64 yrs.	4,115	2,434	6,549	9.5	5,185	2,822	8,007	9.7
65 - 69 yrs.	4,521	2,722	7,243	10.5	5,274	3,299	8,573	10.4
70 yrs. & Over	12,111	14,114	26,225	38.1	12,618	15,899	28,517	34.5
Not Stated	31	18	49	0.1	38	7	45	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	9,420	6,685	16,105	100.0	20,566	15,662	36,228	100.0
Under 1 year	411	282	693	4.3	866	651	1,517	4.2
1 - 4 yrs.	144	132	276	1.7	436	425	861	2.4
5 - 9 yrs.	113	76	189	1.2	203	192	395	1.1
10 - 14 yrs.	83	68	151	0.9	209	173	382	1.1
15 - 19 yrs.	175	94	269	1.7	367	222	589	1.6
20 - 24 yrs.	213	115	328	2.0	509	252	761	2.1
25 - 29 yrs.	268	122	390	2.4	561	303	864	2.4
30 - 34 yrs.	302	142	444	2.8	618	290	908	2.5
35 - 39 yrs.	332	184	516	3.2	737	385	1,122	3.1
40 - 44 yrs.	456	233	689	4.3	882	469	1,351	3.7
45 - 49 yrs.	518	279	797	4.9	1,119	647	1,766	4.9
50 - 54 yrs.	691	337	1,028	6.4	1,474	777	2,251	6.2
55 - 59 yrs.	771	379	1,150	7.1	1,706	949	2,655	7.3
60 - 64 yrs.	997	472	1,469	9.1	1,999	1,070	3,069	8.5
65 - 69 yrs.	933	551	1,484	9.2	2,168	1,298	3,466	9.6
70 yrs. & Over	3,006	3,216	6,222	38.6	6,698	7,552	14,250	39.3
Not Stated	7	3	10	0.1	14	7	21	0.1

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2016

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	29,203	22,053	51,256	100.0	26,911	21,026	47,937	100.0
Under 1 year	775	608	1,383	2.7	1,048	780	1,828	3.8
1 - 4 yrs.	342	283	625	1.2	503	441	944	2.0
5 - 9 yrs.	229	201	430	0.8	266	273	539	1.1
10 - 14 yrs.	224	176	400	0.8	220	173	393	0.8
15 - 19 yrs.	398	203	601	1.2	406	231	637	1.3
20 - 24 yrs.	623	265	888	1.7	616	276	892	1.9
25 - 29 yrs.	819	297	1,116	2.2	816	310	1,126	2.3
30 - 34 yrs.	883	344	1,227	2.4	837	370	1,207	2.5
35 - 39 yrs.	999	455	1,454	2.8	980	493	1,473	3.1
40 - 44 yrs.	1,271	583	1,854	3.6	1,212	597	1,809	3.8
45 - 49 yrs.	1,709	786	2,495	4.9	1,627	838	2,465	5.1
50 - 54 yrs.	2,088	1,028	3,116	6.1	1,845	1,045	2,890	6.0
55 - 59 yrs.	2,483	1,137	3,620	7.1	2,142	1,274	3,416	7.1
60 - 64 yrs.	2,975	1,508	4,483	8.7	2,491	1,584	4,075	8.5
65 - 69 yrs.	3,159	1,817	4,976	9.7	2,731	1,831	4,562	9.5
70 yrs. & Over	10,214	12,355	22,569	44.0	9,161	10,505	19,666	41.0
Not Stated	12	7	19	0.0	10	5	15	0.0

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	13,482	10,339	23,821	100.0	10,202	7,255	17,457	100.0
Under 1 year	376	306	682	2.9	340	254	594	3.4
1 - 4 yrs.	201	167	368	1.5	137	111	248	1.4
5 - 9 yrs.	142	110	252	1.1	88	68	156	0.9
10 - 14 yrs.	145	83	228	1.0	107	59	166	1.0
15 - 19 yrs.	213	151	364	1.5	165	81	246	1.4
20 - 24 yrs.	272	177	449	1.9	262	96	358	2.1
25 - 29 yrs.	313	159	472	2.0	283	108	391	2.2
30 - 34 yrs.	387	187	574	2.4	298	148	446	2.6
35 - 39 yrs.	421	249	670	2.8	383	190	573	3.3
40 - 44 yrs.	516	295	811	3.4	476	268	744	4.3
45 - 49 yrs.	748	335	1,083	4.5	586	366	952	5.5
50 - 54 yrs.	922	526	1,448	6.1	758	431	1,189	6.8
55 - 59 yrs.	1,072	568	1,640	6.9	876	481	1,357	7.8
60 - 64 yrs.	1,325	716	2,041	8.6	1,062	567	1,629	9.3
65 - 69 yrs.	1,395	939	2,334	9.8	1,070	709	1,779	10.2
70 yrs. & Over	5,028	5,366	10,394	43.6	3,308	3,317	6,625	38.0
Not Stated	6	5	11	0.0	3	1	4	0.0

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2016

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	15,245	10,825	26,070	100.0	17,197	12,063	29,260	100.0
Under 1 year	610	390	1,000	3.8	598	402	1,000	3.4
1 - 4 yrs.	199	205	404	1.5	262	223	485	1.7
5 - 9 yrs.	150	136	286	1.1	172	161	333	1.1
10 - 14 yrs.	152	86	238	0.9	138	111	249	0.9
15 - 19 yrs.	252	155	407	1.6	298	126	424	1.4
20 - 24 yrs.	375	173	548	2.1	492	207	699	2.4
25 - 29 yrs.	483	201	684	2.6	528	190	718	2.5
30 - 34 yrs.	548	237	785	3.0	610	255	865	3.0
35 - 39 yrs.	600	261	861	3.3	710	312	1,022	3.5
40 - 44 yrs.	714	366	1,080	4.1	812	439	1,251	4.3
45 - 49 yrs.	877	481	1,358	5.2	1,072	565	1,637	5.6
50 - 54 yrs.	1,108	616	1,724	6.6	1,262	702	1,964	6.7
55 - 59 yrs.	1,371	748	2,119	8.1	1,508	894	2,402	8.2
60 - 64 yrs.	1,559	917	2,476	9.5	1,782	1,054	2,836	9.7
65 - 69 yrs.	1,579	991	2,570	9.9	1,731	1,111	2,842	9.7
70 yrs. & Over	4,666	4,860	9,526	36.5	5,218	5,311	10,529	36.0
Not Stated	2	2	4	0.0	4	-	4	0.0

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	13,335	8,780	22,115	100.0	1,971	1,265	3,236	100.0
Under 1 year	381	285	666	3.0	125	84	209	6.5
1 - 4 yrs.	171	172	343	1.6	58	54	112	3.5
5 - 9 yrs.	109	95	204	0.9	22	29	51	1.6
10 - 14 yrs.	106	85	191	0.9	22	15	37	1.1
15 - 19 yrs.	227	126	353	1.6	37	18	55	1.7
20 - 24 yrs.	332	137	469	2.1	40	23	63	1.9
25 - 29 yrs.	442	173	615	2.8	58	23	81	2.5
30 - 34 yrs.	526	201	727	3.3	88	36	124	3.8
35 - 39 yrs.	627	266	893	4.0	91	76	167	5.2
40 - 44 yrs.	729	347	1,076	4.9	109	69	178	5.5
45 - 49 yrs.	870	417	1,287	5.8	145	76	221	6.8
50 - 54 yrs.	1,063	520	1,583	7.2	160	99	259	8.0
55 - 59 yrs.	1,157	587	1,744	7.9	178	76	254	7.8
60 - 64 yrs.	1,316	716	2,032	9.2	184	112	296	9.1
65 - 69 yrs.	1,367	829	2,196	9.9	182	101	283	8.7
70 yrs. & Over	3,899	3,824	7,723	34.9	457	366	823	25.4
Not Stated	13	-	13	0.1	15	8	23	0.7

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2016

Age Group	Caraga Region				Foreign Country			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	8,667	6,272	14,939	100.0	327	125	452	100.0
Under 1 year	205	140	345	2.3	3	1	4	0.9
1 - 4 yrs.	150	118	268	1.8	3	-	3	0.7
5 - 9 yrs.	99	77	176	1.2	1	2	3	0.7
10 - 14 yrs.	71	57	128	0.9	-	1	1	0.2
15 - 19 yrs.	168	97	265	1.8	2	2	4	0.9
20 - 24 yrs.	240	97	337	2.3	8	2	10	2.2
25 - 29 yrs.	281	99	380	2.5	11	2	13	2.9
30 - 34 yrs.	308	131	439	2.9	9	5	14	3.1
35 - 39 yrs.	370	157	527	3.5	11	4	15	3.3
40 - 44 yrs.	386	227	613	4.1	15	10	25	5.5
45 - 49 yrs.	501	297	798	5.3	31	5	36	8.0
50 - 54 yrs.	622	325	947	6.3	33	9	42	9.3
55 - 59 yrs.	725	384	1,109	7.4	37	9	46	10.2
60 - 64 yrs.	814	515	1,329	8.9	40	17	57	12.6
65 - 69 yrs.	926	571	1,497	10.0	33	8	41	9.1
70 yrs. & Over	2,799	2,978	5,777	38.7	90	46	136	30.1
Not Stated	2	2	4	0.0	-	2	2	0.4

Note: Table 21 is by usual residence

Table 22

MORTALITY: TEN (10) LEADING CAUSES BY SEX
Number, Rate/100,000 Population & Percent Distribution
Philippines, 2016

CAUSE OF DEATH	Male	Female	Both Sexes		
	Number	Number	Number	Rate	Percent*
1. Diseases of the heart (I00-I51)	78,164	60,066	138,230	133.3	23.7
2. Malignant neoplasms (C00-C97)	29,516	30,954	60,470	58.3	10.4
3. Diseases of the cerebrovascular system (I60-I99)	33,347	26,930	60,277	58.1	10.4
4. Pneumonia (J12-J18)	28,993	28,816	57,809	55.7	9.9
5. Accidents ** (V01-Y89)	36,574	7,852	44,426	42.8	7.6
6. Diabetes mellitus (E10-E14)	16,384	16,911	33,295	32.1	5.7
7. Tuberculosis, all forms (A15-A19)	18,148	7,695	25,843	24.9	4.4
8. Chronic lower respiratory diseases (J40-J47)	17,049	7,316	24,365	23.5	4.2
9. Diseases of the genitourinary system (N00-N98)	13,994	9,532	23,526	22.7	4.0
10. Diseases of the digestive system (K00-K92)	15,609	7,194	22,803	22.0	3.9

* percent share from total deaths, all causes, Philippines (N=582,183)

** External Causes of Mortality

Table 23

MORTALITY: TEN (10) LEADING CAUSES
Number and Rate/100,000 Population
Philippines
5- Year Average (2011-2015) & 2016

CAUSE OF DEATH	5-Year Average (2011-2015)		2016*	
	Number	Rate	Number	Rate
1. Diseases of the heart (I00-I51)	121,664	97.0	138,230	133.3
2. Malignant neoplasms (C00-C97)	41,830	43.1	60,470	58.3
3. Diseases of the cerebrovascular system (I60-I99)	64,670	54.1	60,277	58.1
4. Pneumonia (J12-J18)	40,827	42.0	57,809	55.7
5. Accidents ** (V01-Y89)	29,635	30.5	44,426	42.8
6. Diabetes mellitus (E10-E14)	20,504	21.1	33,295	32.1
7. Tuberculosis, all forms (A15-A19)	18,804	19.4	25,843	24.9
8. Chronic lower respiratory diseases (J40-J47)	19,096	19.7	24,365	23.5
9. Diseases of the genitourinary system (N00-N98)	10,747	15.9	23,526	22.7
10. Diseases of the digestive system (K00-K92)	13,131	17.3	22,803	22.0

* reference year

** External Causes of Mortality

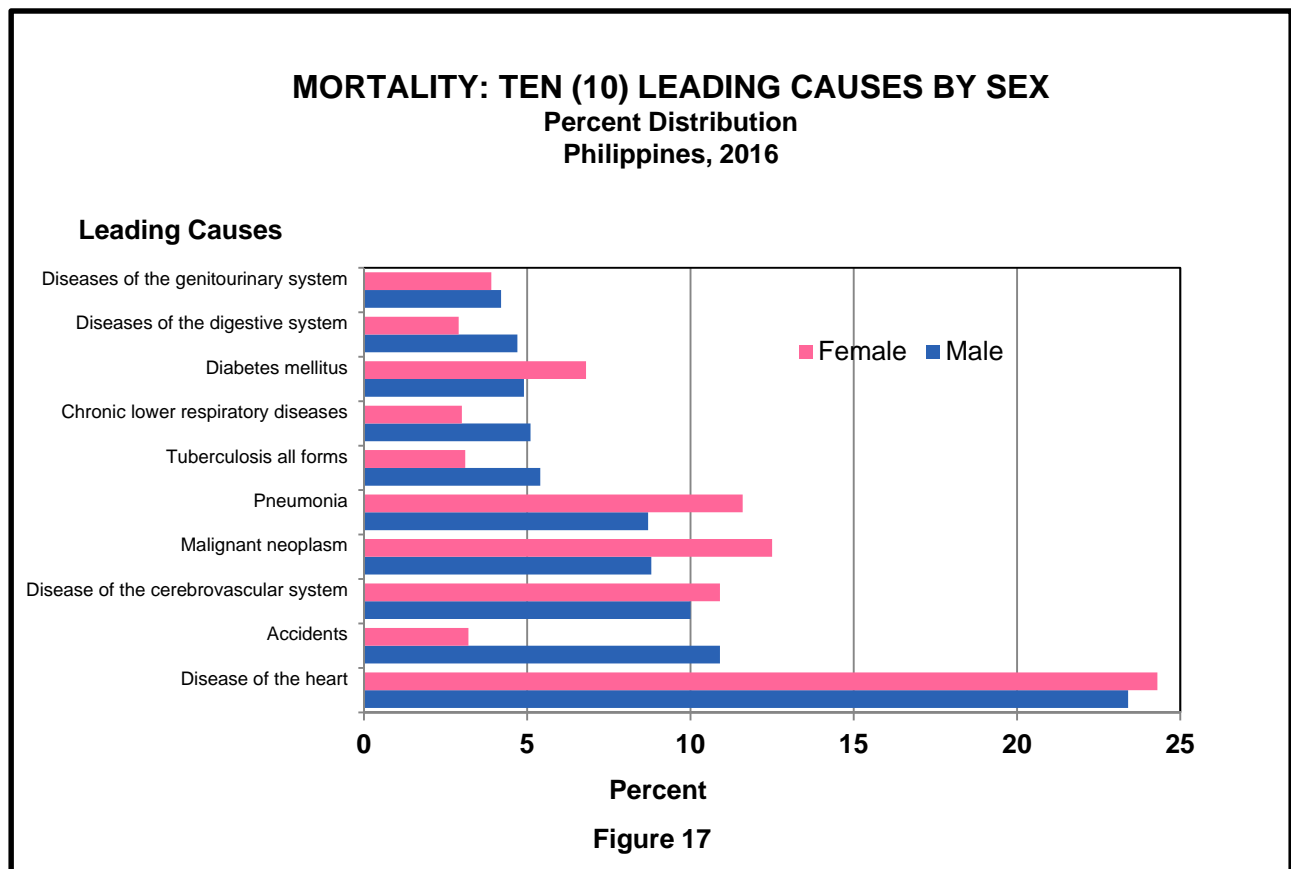
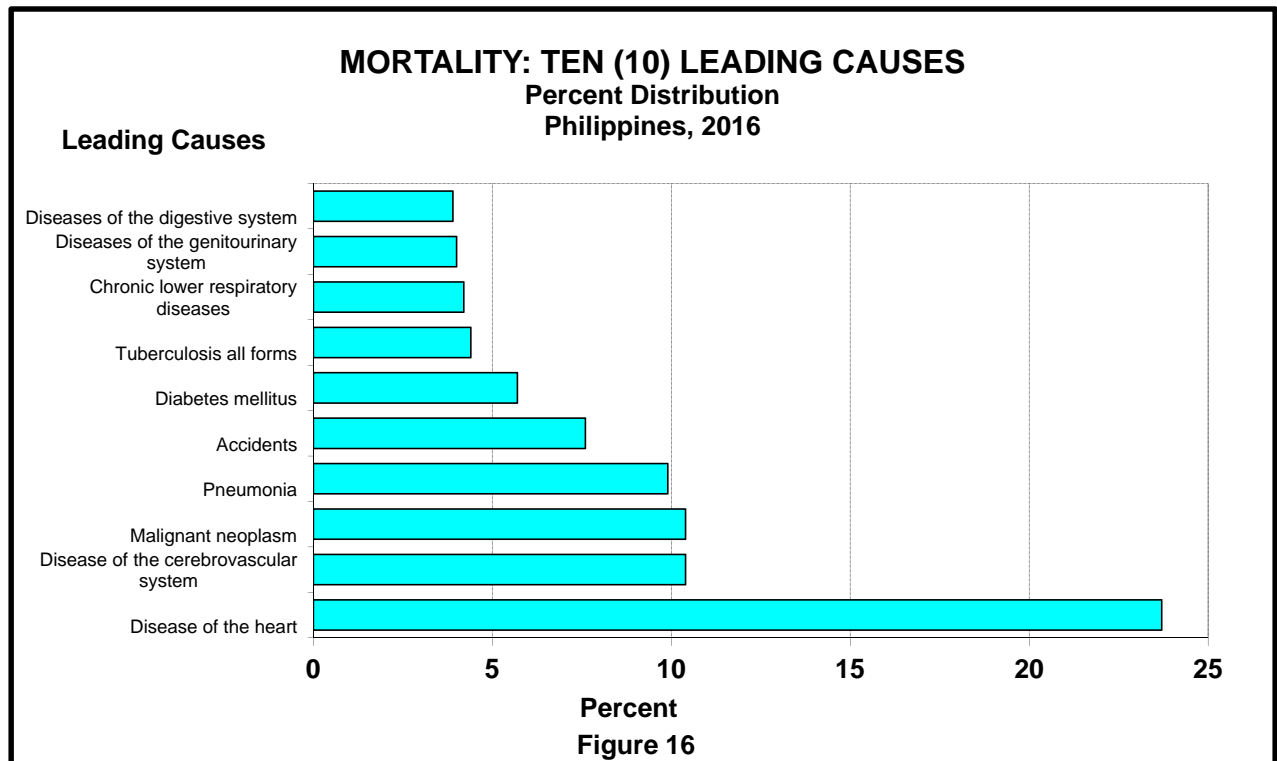


Table 24

TEN (10) LEADING CAUSES OF MORTALITY AMONG MALES
Number, Percent & Rate /100,000 Male Population
Philippines, 2016

Cause	Number	Percent*	Rate
1. Diseases of the heart (I00-I51)	78,164	23.4	149.2
2. Accidents ** (V01-Y89)	36,574	10.9	69.8
3. Diseases of the cerebrovascular system (I60-I99)	33,347	10.0	63.7
4. Malignant neoplasms (C00-C97)	29,516	8.8	56.4
5. Pneumonia (J12-J18)	28,993	8.7	55.4
6. Tuberculosis, all forms (A15-A19)	18,148	5.4	34.6
7. Chronic lower respiratory diseases (J40-J47)	17,049	5.1	32.5
8. Diabetes mellitus (E10-E14)	16,384	4.9	31.3
9. Diseases of the digestive system (K00-K92)	15,609	4.7	29.8
10. Diseases of the genitourinary system (N00-N98)	13,994	4.2	26.7

** External Causes of Mortality

* percent share from total male deaths, all causes, Philippines (N=334,678)

Table 25

TEN (10) LEADING CAUSES OF MORTALITY AMONG FEMALES
Number, Percent & Rate /100,000 Female Population
Philippines, 2016

Cause	Number	Percent*	Rate
1. Diseases of the heart (I00-I51)	60,066	24.3	117.0
2. Malignant neoplasms (C00-C97)	30,954	12.5	60.3
3. Pneumonia (J12-J18)	28,816	11.6	56.1
4. Diseases of the cerebrovascular system (I60-I99)	26,930	10.9	52.5
5. Diabetes mellitus (E10-E14)	16,911	6.8	32.9
6. Diseases of the genito urinary system (N00-N98)	9,532	3.9	18.6
7. Accidents** (V01-Y98)	7,852	3.2	15.3
8. Tuberculosis, all forms (A15-A19)	7,695	3.1	15.0
9. Chronic lower respiratory diseases (J40-J47)	7,316	3.0	14.3
10. Diseases of the digestive system (K00-K92)	7,194	2.9	14.0

Note: Excludes ill-defined and unknown causes of mortality for females (R00-R99) n=9,988, 6th rank

** External Causes of Mortality

* percent share from total female deaths, all causes, Philippines (N=247,505)

Table 26

MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE
Number & Percent Distribution
Philippines, 2016

Cause	Total Deaths	Attended		Not Attended		Not Stated	
		Number	Percent	Number	Percent	Number	Percent
1. Diseases of the heart (I00-I51)	138,230	50,333	36.4	87,365	63.2	532	0.4
2. Malignant neoplasms (C00-C97)	60,470	24,362	40.3	35,887	59.3	221	0.4
3. Diseases of the cerebrovascular system (I60-I99)	60,277	27,036	44.9	32,811	54.4	430	0.7
4. Pneumonia (J12-J18)	57,809	18,514	32.0	39,053	67.6	242	0.4
5. Accidents * (V01-Y89)	44,426	15,666	35.3	28,507	64.2	253	0.6
6. Diabetes mellitus (E10-E14)	33,295	14,602	43.9	18,560	55.7	133	0.4
7. Tuberculosis, all forms (A15-A19)	25,843	12,059	46.7	13,699	53.0	85	0.3
8. Chronic lower respiratory diseases (J40-J47)	24,365	7,287	29.9	16,987	69.7	91	0.4
9. Diseases of the genitourinary system (N00-N98)	23,526	11,248	47.8	12,183	51.8	95	0.4
10. Diseases of the digestive system (K00-K92)	22,803	10,943	48.0	11,756	51.6	104	0.5

* External Causes of Mortality

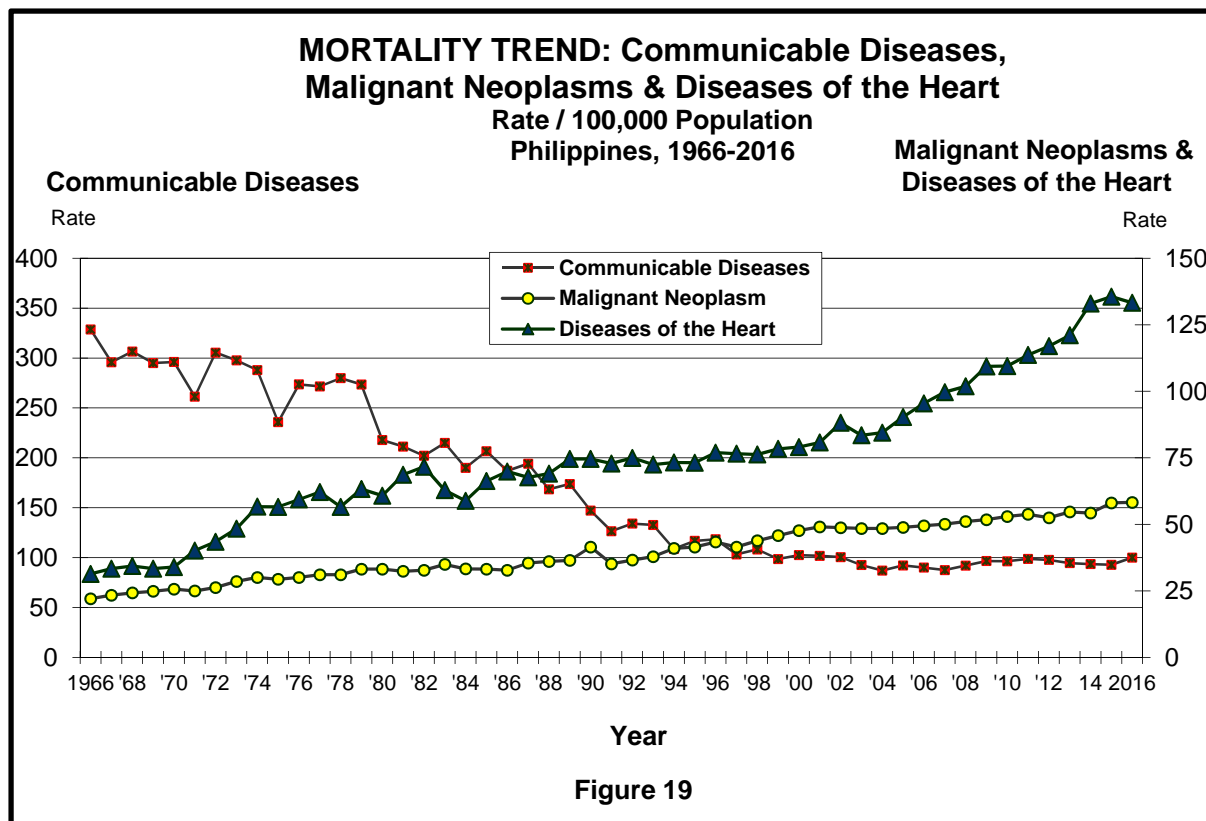
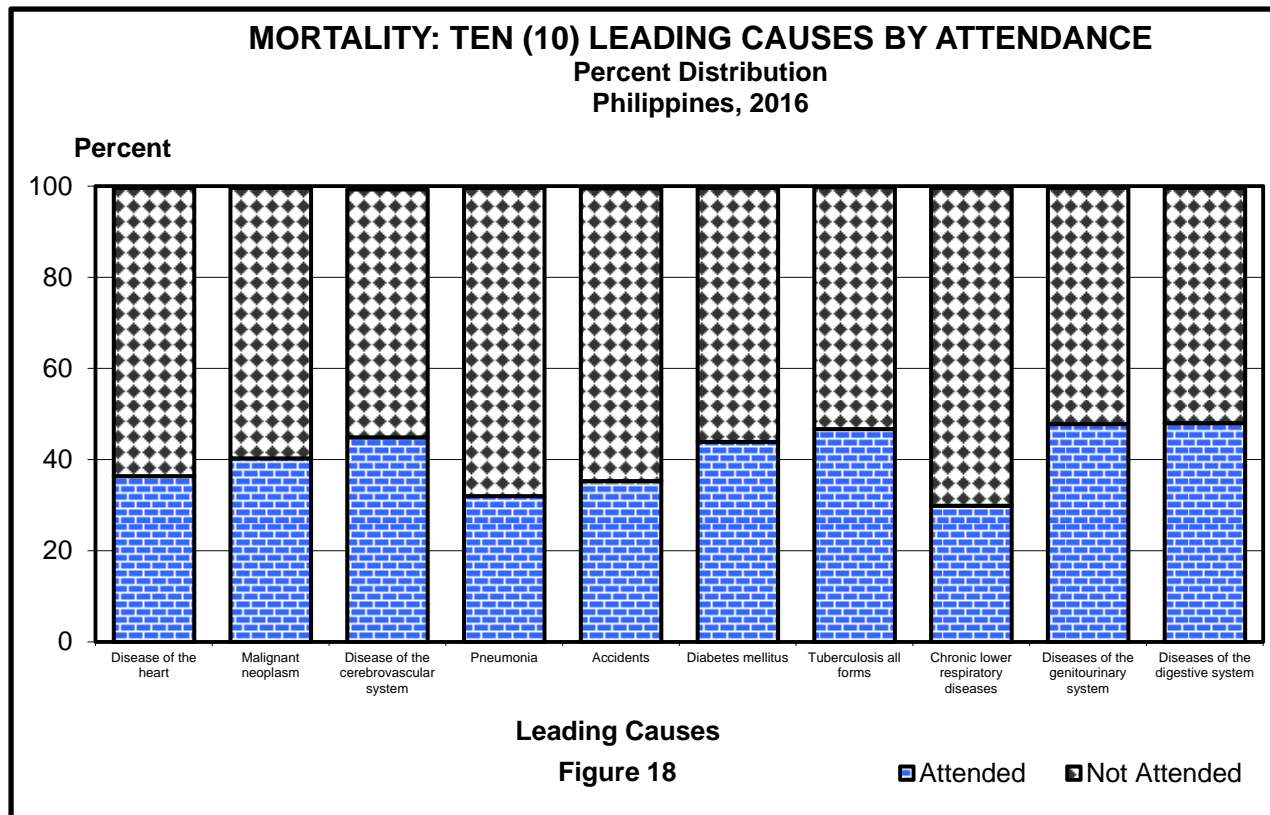


Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2016

Area	Total	Attendance					
		Attended		Not Attended		Not Stated	
		Number	Percent	Number	Percent	Number	Percent
PHILIPPINES	582,183	236,904	40.7	342,705	58.9	2,574	0.4
NATIONAL CAPITAL REGION	76,839	42,045	54.7	34,669	45.1	125	0.2
City of Manila	12,573	6,938	55.2	5,624	44.7	11	0.1
City of Mandaluyong	2,326	1,291	55.5	1,033	44.4	2	0.1
City of Marikina	3,171	2,120	66.9	1,029	32.5	22	0.7
City of Pasig	4,220	2,520	59.7	1,700	40.3	-	0.0
Quezon City	16,460	9,514	57.8	6,917	42.0	29	0.2
City of San Juan	810	587	72.5	223	27.5	-	0.0
Kalookan City	9,235	4,195	45.4	5,017	54.3	23	0.2
City of Malabon	2,389	957	40.1	1,430	59.9	2	0.1
City of Navotas	1,783	732	41.1	1,051	58.9	-	0.0
City of Valenzuela	3,769	1,836	48.7	1,929	51.2	4	0.1
City of Las Piñas	3,614	2,023	56.0	1,588	43.9	3	0.1
City of Makati	3,363	2,358	70.1	1,004	29.9	1	0.0
City of Muntinlupa	2,767	1,525	55.1	1,235	44.6	7	0.3
City of Parañaque	3,638	1,866	51.3	1,756	48.3	16	0.4
Pasay City	2,543	1,390	54.7	1,150	45.2	3	0.1
Pateros	481	236	49.1	245	50.9	-	0.0
City of Taguig	3,697	1,957	52.9	1,738	47.0	2	0.1
CAR	8,329	3,275	39.3	5,035	60.5	19	0.2
Abra	1,684	609	36.2	1,068	63.4	7	0.4
Apayao	531	200	37.7	330	62.1	1	0.2
Benguet	1,909	692	36.2	1,217	63.8	-	0.0
Ifugao	836	304	36.4	527	63.0	5	0.6
Kalinga	930	302	32.5	623	67.0	5	0.5
Mt. Province	853	235	27.5	617	72.3	1	0.1
Baguio City	1,586	933	58.8	653	41.2	-	0.0
REGION I - ILOCOS	35,666	12,712	35.6	22,911	64.2	43	0.1
Ilocos Norte	3,258	1,280	39.3	1,964	60.3	14	0.4
Ilocos Sur	4,104	1,571	38.3	2,532	61.7	1	0.0
La Union	4,520	1,752	38.8	2,768	61.2	-	0.0
Pangasinan	16,482	5,087	30.9	11,379	69.0	16	0.1
City of Batac	414	185	44.7	229	55.3	-	0.0
Laoag City	802	359	44.8	440	54.9	3	0.4
City of Candon	469	152	32.4	317	67.6	-	0.0
City of Vigan	417	199	47.7	218	52.3	-	0.0
City of San Fernando	834	399	47.8	432	51.8	3	0.4
City of Alaminos	678	261	38.5	415	61.2	2	0.3
Dagupan City	1,347	621	46.1	725	53.8	1	0.1
San Carlos City	1,342	475	35.4	865	64.5	2	0.1
City of Urdaneta	999	371	37.1	627	62.8	1	0.1

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2016

Area	Total	Attendance					
		Attended		Not Attended		Not Stated	
		Number	Percent	Number	Percent	Number	Percent
REGION II - CAGAYAN VALLEY	20,952	7,531	35.9	13,373	63.8	48	0.2
Batanes	139	78	56.1	61	43.9	-	0.0
Cagayan	6,669	2,066	31.0	4,596	68.9	7	0.1
Isabela	6,862	2,223	32.4	4,621	67.3	18	0.3
Nueva Vizcaya	2,487	1,049	42.2	1,436	57.7	2	0.1
Quirino	936	349	37.3	585	62.5	2	0.2
Tuguegarao City	1,306	732	56.0	559	42.8	15	1.1
City of Cauayan	869	382	44.0	486	55.9	1	0.1
Ilagan City	785	264		518		3	
City of Santiago	899	388	43.2	511	56.8	-	0.0
REGION III - CENTRAL LUZON	68,757	25,804	37.5	42,832	62.3	121	0.2
Aurora	1,155	389	33.7	762	66.0	4	0.3
Bataan	4,228	1,822	43.1	2,406	56.9	-	0.0
Bulacan	13,646	5,255	38.5	8,385	61.4	6	0.0
Nueva Ecija	8,835	2,180	24.7	6,654	75.3	1	0.0
Pampanga	9,143	3,347	36.6	5,765	63.1	31	0.3
Tarlac	5,691	1,060	18.6	4,630	81.4	1	0.0
Zambales	3,987	1,705	42.8	2,277	57.1	5	0.1
City of Balanga	610	319	52.3	291	47.7	-	0.0
City of Malolos	1,631	813	49.8	815	50.0	3	0.2
City of Meycauayan	1,373	596	43.4	777	56.6	-	0.0
City of San Jose Del Monte	3,206	1,411	44.0	1,794	56.0	1	0.0
Cabanatuan City	1,925	678	35.2	1,247	64.8	-	0.0
City of Gapan	783	236	30.1	546	69.7	1	0.1
Science City of Muñoz	551	165	29.9	385	69.9	1	0.2
Palayan City	223	61	27.4	162	72.6	-	0.0
San Jose City	938	298	31.8	640	68.2	-	0.0
Angeles City	2,508	1,046	41.7	1,449	57.8	13	0.5
Mabalacat City	1,411	603	42.7	800	56.7	8	0.6
City of San Fernando	1,820	1,009	55.4	773	42.5	38	2.1
City of Tarlac	3,537	1,900	53.7	1,634	46.2	3	0.1
Olangapo City	1,556	911	58.5	640	41.1	5	0.3
REGION IVA - CALABARZON	82,764	34,186	41.3	48,507	58.6	71	0.1
Batangas	10,951	4,527	41.3	6,424	58.7	-	0.0
Cavite	8,062	2,910	36.1	5,152	63.9	-	0.0
Laguna	6,486	2,377	36.6	4,071	62.8	38	0.6
Quezon	10,754	4,089	38.0	6,657	61.9	8	0.1
Rizal	11,441	4,816	42.1	6,621	57.9	4	0.0
Batangas City	2,059	1,120	54.4	939	45.6	-	0.0
Lipa City	1,851	858	46.4	993	53.6	-	0.0
City of Tanauan	1,109	462	41.7	647	58.3	-	0.0
Bacoor City	3,132	1,482	47.3	1,650	52.7	-	0.0
Cavite City	857	383	44.7	474	55.3	-	0.0

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2016

Area	Total	Attendance					
		Attended		Not Attended		Not Stated	
		Number	Percent	Number	Percent	Number	Percent
City of Dasmariñas	3,355	1,279	38.1	2,075	61.8	1	0.0
City of General Trias	1,455	519	35.7	936	64.3	-	0.0
Imus City	2,047	890	43.5	1,157	56.5	-	0.0
Tagaytay City	384	240	62.5	144	37.5	-	0.0
Trece Martires City	751	351	46.7	400	53.3	-	0.0
City of Biñan	1,776	769	43.3	1,007	56.7	-	0.0
Cabuyao City	1,429	569	39.8	860	60.2	-	0.0
City of Calamba	2,330	916	39.3	1,414	60.7	-	0.0
San Pablo City	1,840	778	42.3	1,061	57.7	1	0.1
City of San Pedro	1,944	890	45.8	1,038	53.4	16	0.8
City of Santa Rosa	1,709	816	47.7	893	52.3	-	0.0
City of Tayabas	602	246	40.9	356	59.1	-	0.0
Lucena City	1,860	973	52.3	886	47.6	1	0.1
City of Antipolo	4,580	1,926	42.1	2,652	57.9	2	0.0
REGION IVB - MIMAROPA	16,105	5,628	34.9	10,379	64.4	98	0.6
Marinduque	1,697	526	31.0	1,164	68.6	7	0.4
Occidental Mindoro	2,661	994	37.4	1,664	62.5	3	0.1
Oriental Mindoro	3,966	1,038	26.2	2,900	73.1	28	0.7
Palawan	3,471	1,255	36.2	2,166	62.4	50	1.4
Romblon	2,020	711	35.2	1,301	64.4	8	0.4
Calapan City	896	317	35.4	577	64.4	2	0.2
Puerto Princesa City	1,394	787	56.5	607	43.5	-	0.0
REGION V - BICOL	36,228	13,251	36.6	22,884	63.2	93	0.3
Albay	5,738	2,183	38.0	3,509	61.2	46	0.8
Camarines Norte	3,682	1,613	43.8	2,058	55.9	11	0.3
Camarines Sur	10,067	3,095	30.7	6,969	69.2	3	0.0
Catanduanes	1,777	708	39.8	1,069	60.2	-	0.0
Masbate	3,670	908	24.7	2,736	74.6	26	0.7
Sorsogon	4,052	1292	31.9	2,758	68.1	2	0.0
Legazpi City	1,472	912	62.0	560	38.0	-	0.0
City of Ligao	793	429	54.1	363	45.8	1	0.1
City of Tabaco	956	414	43.3	542	56.7	-	0.0
Iriga City	862	266	30.9	596	69.1	-	0.0
Naga City	1,369	641	46.8	728	53.2	-	0.0
City of Masbate	615	287	46.7	324	52.7	4	0.7
City of Sorsogon	1,175	503	42.8	672	57.2	-	0.0
REGION VI - WESTERN VISAYAS	51,256	21,623	42.2	29,523	57.6	110	0.2
Aklan	3,980	1,446	36.3	2,531	63.6	3	0.1
Antique	3,999	1,337	33.4	2,658	66.5	4	0.1
Capiz	3,773	1,101	29.2	2,672	70.8	-	0.0
Guimaras	1,069	432	40.4	637	59.6	-	0.0
Iloilo	12,622	5,127	40.6	7,427	58.8	68	0.5
Negros Occidental	6,576	2,628	40.0	3,935	59.8	13	0.2

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2016

Area	Total	Attendance					
		Attended		Not Attended		Not Stated	
		Number	Percent	Number	Percent	Number	Percent
Roxas City	1,051	453	43.1	598	56.9	-	0.0
Iloilo City	3,427	2,036	59.4	1,372	40.0	19	0.6
City of Passi	558	225	40.3	333	59.7	-	0.0
Bacolod City	4,434	2,565	57.8	1,867	42.1	2	0.0
Bago City	1,288	562	43.6	725	56.3	1	0.1
Cadiz City	1,029	504	49.0	525	51.0	-	0.0
City of Escalante	664	220	33.1	444	66.9	-	0.0
City of Himamaylan	727	268	36.9	459	63.1	-	0.0
City of Kabankalan	1,050	567	54.0	483	46.0	-	0.0
La Carlota City	542	333	61.4	209	38.6	-	0.0
Sagay City	836	260	31.1	576	68.9	-	0.0
San Carlos City	822	291	35.4	531	64.6	-	0.0
Silay City	951	439	46.2	512	53.8	-	0.0
City of Sipalay	438	146	33.3	292	66.7	-	0.0
City of Talisay	707	312	44.1	395	55.9	-	0.0
City of Victorias	713	371	52.0	342	48.0	-	0.0
REGION VII - CENTRAL VISAYAS	47,937	17,858	37.3	29,843	62.3	236	0.5
Bohol	8,254	2,593	31.4	5,603	67.9	58	0.7
Cebu	13,265	4,118	31.0	9,051	68.2	96	0.7
Negros Oriental	4,898	1,271	25.9	3,614	73.8	13	0.3
Siquijor	838	328	39.1	510	60.9	-	0.0
Tagbilaran City	669	322	48.1	342	51.1	5	0.7
City of Bogu	511	163	31.9	348	68.1	-	0.0
City of Carcar	722	239	33.1	457	63.3	26	3.6
Cebu City	6,760	3,931	58.2	2,827	41.8	2	0.0
Danao City	917	334	36.4	580	63.2	3	0.3
Lapu-Lapu City	2,234	963	43.1	1,268	56.8	3	0.1
Mandaue City	1,894	911	48.1	976	51.5	7	0.4
City of Naga	729	244	33.5	471	64.6	14	1.9
City of Talisay	1,448	654	45.2	794	54.8	-	0.0
Toledo City	1,115	386	34.6	728	65.3	1	0.1
Bais City	470	202	43.0	268	57.0	-	0.0
City of Bayawan	631	189	30.0	441	69.9	1	0.2
Canlaon City	299	92	30.8	206	68.9	1	0.3
Dumaguete City	1,084	539	49.7	540	49.8	5	0.5
City of Guihulngan	568	166	29.2	402	70.8	-	0.0
City of Tanjay	631	213	33.8	417	66.1	1	0.2
REGION VIII - EASTERN VISAYAS	23,821	7,142	30.0	16,620	69.8	59	0.2
Biliran	1,143	374	32.7	768	67.2	1	0.1
Eastern Samar	1,453	424	29.2	1,029	70.8	-	0.0
Leyte	7,777	1,973	25.4	5,781	74.3	23	0.3
Northern Samar	3,485	1,194	34.3	2,265	65.0	26	0.7
Samar	1,774	393	22.2	1,378	77.7	3	0.2
Southern Leyte	2,339	751	32.1	1,586	67.8	2	0.1

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2016

Area	Total	Attendance					
		Attended		Not Attended		Not Stated	
		Number	Percent	Number	Percent	Number	Percent
City of Borongan	359	174	48.5	185	51.5	-	0.0
City of Baybay	761	263	34.6	498	65.4	-	0.0
Ormoc City	1,218	410	33.7	804	66.0	4	0.3
Tacloban City	1,189	489	41.1	700	58.9	-	0.0
Calbayog City	1,025	304	29.7	721	70.3	-	0.0
City of Catbalogan	626	201	32.1	425	67.9	-	0.0
City of Maasin	672	192	28.6	480	71.4	-	0.0
REGION IX - ZAMBOANGA PENINSULA	17,457	6,857	39.3	10,421	59.7	179	1.0
Zamboanga Del Norte	3,743	1,270	33.9	2,392	63.9	81	2.2
Zamboanga Del Sur	3,409	1,086	31.9	2,280	66.9	43	1.3
Zamboanga Sibugay	2,448	793	32.4	1,652	67.5	3	0.1
Dapitan City	613	260	42.4	332	54.2	21	3.4
Dipolog City	908	574	63.2	326	35.9	8	0.9
City of Isabela	444	193	43.5	249	56.1	2	0.5
Pagadian City	1,005	433	43.1	563	56.0	9	0.9
Zamboanga City	4,887	2,248	46.0	2,627	53.8	12	0.2
REGION X - NORTHERN MINDANAO	26,070	11,176	42.9	14,798	56.8	96	0.4
	26,070	11,176		14,798		96	
Bukidnon	4,739	1,868	39.4	2,842	60.0	29	0.6
Camiguin	633	347	54.8	286	45.2	-	0.0
Lanao del Norte	2,535	835	32.9	1,698	67.0	2	0.1
Misamis Occidental	2,344	920	39.2	1,400	59.7	24	1.0
Misamis Oriental	4,549	1,650	36.3	2,890	63.5	9	0.2
City of Malaybalay	976	559	57.3	417	42.7	-	0.0
City of Valencia	1,156	469	40.6	684	59.2	3	0.3
Iligan City	2,259	1,148	50.8	1,109	49.1	2	0.1
Oroquieta City	611	318	52.0	286	46.8	7	1.1
Ozamis City	999	479	47.9	510	51.1	10	1.0
Tangub City	421	161	38.2	257	61.0	3	0.7
Cagayan de Oro City	3,950	1,997	50.6	1,946	49.3	7	0.2
Gingoog City	898	425	47.3	473	52.7	-	0.0
REGION XI - DAVAO	29,260	11,704	40.0	16,367	55.9	1,189	4.1
Compostela Valley	4,232	1,426	33.7	2,801	66.2	5	0.1
Davao	2,627	941	35.8	1,682	64.0	4	0.2
Davao Del Sur	3,061	1,093	35.7	1,865	60.9	103	3.4
Davao Oriental	3,210	806	25.1	2,356	73.4	48	1.5
City of Panabo	1,202	492	40.9	706	58.7	4	0.3
Island Garden City of Samal	727	278	38.2	446	61.3	3	0.4
City of Tagum	1,837	956	52.0	878	47.8	3	0.2
Davao City	10,356	4,902	47.3	4,503	43.5	951	9.2
City of Digos	1,135	500	44.1	568	50.0	67	5.9
City of Mati	873	310	35.5	562	64.4	1	0.1

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2016

Area	Total	Attendance					
		Attended		Not Attended		Not Stated	
		Number	Percent	Number	Percent	Number	Percent
REGION XII - SOCCSKSARGEN	22,115	8,308	37.6	13,792	62.4	15	0.1
Cotabato	5,832	1,688	28.9	4,141	71.0	3	0.1
Saranggani	2,190	717	32.7	1,473	67.3	-	0.0
South Cotabato	4,308	1,900	44.1	2,407	55.9	1	0.0
Sultan Kudarat	2782	868	31.2	1,911	68.7	3	0.1
Cotabato City	792	398	50.3	393	49.6	1	0.1
City of Kidapawan	913	362	39.6	548	60.0	3	0.3
General Santos City	3360	1,483	44.1	1,873	55.7	4	0.1
City of Koronadal	1,256	681	54.2	575	45.8	-	0.0
City of Tacurong	682	211	30.9	471	69.1	-	0.0
REGION XIII - CARAGA	14,939	6,207	41.5	8,713	58.3	19	0.1
Agusan del Norte	1,707	700	41.0	1,007	59.0	-	0.0
Agusan del Sur	2,668	928	34.8	1,737	65.1	3	0.1
Surigao del Norte	1994	726	36.4	1,266	63.5	2	0.1
Surigao del Sur	2,496	1,002	40.1	1,482	59.4	12	0.5
Dinagat Islands	630	186	29.5	444	70.5	-	0.0
Butuan City	2199	1114	50.7	1085	49.3	-	0.0
City of Cabadbaran	483	282	58.4	201	41.6	-	0.0
City of Bayugan	634	232	36.6	401	63.2	1	0.2
Surigao City	1124	533	47.4	591	52.6	-	0.0
City of Bislig	594	248	41.8	345	58.1	1	0.2
City of Tandag	410	256	62.4	154	37.6	-	0.0
ARMM	3236	1323	40.9	1863	57.6	50	1.5
Basilan	156	61	39.1	81	51.9	14	9.0
Lanao del Sur	925	383	41.4	530	57.3	12	1.3
Maguindanao	1197	413	34.5	762	63.7	22	1.8
Sulu	488	312	63.9	174	35.7	2	0.4
Tawi-tawi	160	53	33.1	107	66.9	-	0.0
City of Lamitan	310	101	32.6	209	67.4	-	0.0
Marawi City	-	-	-	-	-	-	-
Foreign Country	452	274	60.6	175	38.7	3	0.7

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2016

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
	T O T A L	334,678	247,505	582,183	561.4
A00-B99	Certain infectious and parasitic diseases	28,738	15,602	44,340	42.8
A00	Cholera	3	6	9	0.0
A09	Diarrhea and gastroenteritis of presumed infectious origin	2,660	2,141	4,801	4.6
A01-A08	Other intestinal infectious diseases	341	242	583	0.6
A15-A16	Respiratory tuberculosis	17,288	7,174	24,462	23.6
A17-A19	Other tuberculosis	860	521	1,381	1.3
A20	Plague	7	5	12	0.0
A33-A35	Tetanus	458	134	592	0.6
A36	Diphtheria	17	14	31	0.0
A37	Whooping cough	3	4	7	0.0
A39	Meningococcal infection	51	34	85	0.1
A40-A41	Septicaemia (Sepsis)	3,719	3,302	7,021	6.8
A50-A64	Infections with a predominantly sexual mode of transmission	5	6	11	0.0
A80	Acute poliomyelitis	17	5	22	0.0
A82	Rabies	168	61	229	0.2
A95	Yellow fever	-	-	-	0.0
A90-A94, A96-A99	Other arthropod-borne viral fevers and viral haemorrhagic fevers	873	1,069	1,942	1.9
B05	Measles	4	1	5	0.0
B15-B19	Viral hepatitis	615	273	888	0.9
B20-B24	Human immunodeficiency virus [HIV]	327	22	349	0.3
B50-B54	Malaria	9	2	11	0.0
B55	Leishmaniasis	1	-	1	0.0
B56-B57	Trypanosomiasis	1	2	3	0.0
B65	Schistosomiasis [bilharziasis]	212	106	318	0.3
A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99	Remainder of certain infectious and parasitic diseases	1,099	478	1,577	1.5
C00-D48	Neoplasms	31,639	32,955	64,594	62.3
C00-C14	Malignant neoplasm of lip, oral cavity and pharynx	1,571	835	2,406	2.3
C15	Malignant neoplasm of oesophagus	401	142	543	0.5
C16	Malignant neoplasm of stomach	967	637	1,604	1.5
C18-C21	Malignant neoplasm of colon, rectum and anus	3,640	2,953	6,593	6.4
C22	Malignant neoplasm of liver and intrahepatic bile ducts	4,665	2,149	6,814	6.6
C25	Malignant neoplasm of pancreas	883	937	1,820	1.8

* 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, 2016

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
C32	Malignant neoplasm of larynx	384	80	464	0.4
C33-C34	Malignant neoplasm of trachea, bronchus and lung	6,215	2,843	9,058	8.7
C43	Malignant melanoma of skin	72	60	132	0.1
C50	Malignant neoplasm of breast	134	8,302	8,436	8.1
C53	Malignant neoplasm of cervix uteri	-	2,203	2,203	2.1
C54-C55	Malignant neoplasm of other and unspecified parts of uterus	-	1,120	1,120	1.1
C56	Malignant neoplasm of ovary	-	1,849	1,849	1.8
C61	Malignant neoplasm of prostate	3,043	-	3,043	2.9
C67	Malignant neoplasm of bladder	282	142	424	0.4
C70-C72	Malignant neoplasm of meninges, brain and other parts of central nervous system	809	711	1,520	1.5
C82-C85	Non-Hodgkin lymphoma	831	629	1,460	1.4
C90	Multiple myeloma and malignant plasma cell neoplasms	141	143	284	0.3
C91-C95	Leukemia	1,547	1,475	3,022	2.9
C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C66, C68-C69, C73-C81, C88, C96-C97	Remainder of malignant neoplasms	3,931	3,744	7,675	7.4
D00-D48	Remainder of neoplasms	2,123	2,001	4,124	4.0
D50-D89	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	1,855	2,034	3,889	3.7
D50-D64	Anaemias	1,322	1,536	2,858	2.8
D65-D89	Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	533	498	1,031	1.0
E00-E88	Endocrine, nutritional and metabolic diseases	20,188	22,383	42,571	41.0
E10-E14	Diabetes Mellitus	16,384	16,911	33,295	32.1
E40-E46	Malnutrition	1,365	1,853	3,218	3.1
E00-E07, E15-E34, E50-E88	Remainder endocrine, nutritional and metabolic diseases	2,439	3,619	6,058	5.8
F01-F99	Mental and behavioural disorders	436	218	654	0.6
F10-F19	Mental and behavioral disorder due to psychoactive substance use	243	14	257	0.2
F01-F09, F20-F99	Remainder of mental and behavioral disorders	193	204	397	0.4
G00-G98	Diseases of the nervous system	4,354	3,387	7,741	7.5

* 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, 2016

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
G00-G03	Meningitis	887	685	1,572	1.5
G30	Alzheimer's disease	139	272	411	0.4
G04-G25, G31-G98	Remainder diseases of the nervous system	3,328	2,430	5,758	5.6
H00-H57	Diseases of the eye and adnexa	3	2	5	0.0
H60-H93	Diseases of the ear and mastoid process	7	3	10	0.0
I00-199	Diseases of the circulatory system	111,511	86,996	198,507	191.4
I00-I09	Acute rheumatic fever and chronic rheumatic heart diseases	799	1,204	2,003	1.9
I10-I13	Hypertensive diseases	17,901	15,551	33,452	32.3
I20-I25	Ischaemic heart diseases	44,472	29,662	74,134	71.5
I26-I51	Other heart diseases	14,992	13,649	28,641	27.6
I60-I69	Cerebrovascular diseases	31,675	25,263	56,938	54.9
I70	Atherosclerosis	463	852	1,315	1.3
I71-I99	Remainder of diseases of the circulatory system	1,209	815	2,024	2.0
J00-J98	Diseases of the respiratory system	49,355	38,784	88,139	85.0
J09-J11	Influenza	20	36	56	0.1
J12-J18	Pneumonia	28,993	28,816	57,809	55.7
J20-J22	Other acute lower respiratory infections	59	35	94	0.1
J40-J47	Chronic lower respiratory infections	17,049	7,316	24,365	23.5
J00-J06, J30-J39, J60-J98	Remainder of diseases of the respiratory system	3,234	2,581	5,815	5.6
K00-K92	Diseases of the digestive system	15,609	7,194	22,803	22.0
K25-K27	Gastric and duodenal ulcer	3,611	1,926	5,537	5.3
K70-K76	Diseases of the liver	6,554	2,436	8,990	8.7
K00-K22, K28-K66, K80-K92	Remainder of diseases of the digestive system	5,444	2,832	8,276	8.0
L00-L98	Diseases of the skin and subcutaneous tissue	945	1,246	2,191	2.1
M00-M99	Diseases of the musculoskeletal system and connective tissue	1,170	1,410	2,580	2.5
N00-N98	Diseases of the genitourinary system	13,994	9,532	23,526	22.7
N00-N15	Glomerular and renal tubulo-interstitial diseases	2,216	1,551	3,767	3.6
N17-N98	Remainder of diseases of the genitourinary system	11,778	7,981	19,759	19.1

* 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, 2016

ICD-10 CODE	CAUSE	All Ages			
		Male	Female	Both Sexes	Rate*
O00-O99	Pregnancy, childbirth and the puerperium	-	1,483	1,483	1.4
O00-O07	Pregnancy with abortive outcome	-	147	147	0.1
O10-O92	Other direct obstetric deaths	-	1,251	1,251	1.2
O98-O99	Indirect obstetric deaths	-	82	82	0.1
O95-O97	Remainder of pregnancy, childbirth and the puerperium	-	3	3	0.0
P00-P96	Certain conditions originating in the perinatal period	5,793	3,992	9,785	9.4
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	2,656	2,444	5,100	4.9
R00-R99	Symptoms, signs and abnormal clinical and laboratory findings, NEC	9,851	9,988	19,839	19.1
V01-Y89	External causes of morbidity and mortality	36,574	7,852	44,426	42.8
V01-V99	Transport accident	9,181	2,111	11,292	10.9
W00-W19	Falls	1,815	965	2,780	2.7
W65-W74	Accidental drowning and submersion	2,409	793	3,202	3.1
X00-X09	Exposure to smoke, fire and flames	275	194	469	0.5
X40-X49	Accidental poisoning by and exposure to noxious substances	99	52	151	0.1
X60-X84	Intentional self-harm	1,928	485	2,413	2.3
X85-Y09	Assault	13,662	1,207	14,869	14.3
W20-W64, W75-W99, X10-X39, X50-X59, Y10-Y89	All other external causes	7,205	2,045	9,250	8.9

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, 2016

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	12,566	9,308	21,874	1081.2	4,905	4,225	9,130	107.2
Certain infectious and parasitic diseases	1,318	1,057	2,375	117.4	1,141	1,143	2,284	26.8
Cholera	-	1	1	0.0	-	-	-	0.0
Diarrhea and gastroenteritis of presumed infectious origin	763	565	1,328	65.6	516	430	946	11.1
Other intestinal infectious diseases	14	14	28	1.4	7	15	22	0.3
Respiratory tuberculosis	9	12	21	1.0	28	20	48	0.6
Other tuberculosis	12	11	23	1.1	66	45	111	1.3
Plague	-	1	1	0.0	-	-	-	0.0
Tetanus	11	19	30	1.5	18	4	22	0.3
Diphtheria	2	-	2	0.1	8	5	13	0.2
Whooping cough	3	3	6	0.3	-	1	1	0.0
Meningococcal infection	14	9	23	1.1	17	9	26	0.3
Septicaemia (Sepsis)	415	344	759	37.5	193	185	378	4.4
Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
Acute poliomyelitis	-	-	-	0.0	-	-	-	0.0
Rabies	-	-	-	0.0	7	6	13	0.2
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	26	45	71	3.5	188	334	522	6.1
Measles	-	-	-	0.0	1	1	2	0.0
Viral hepatitis	4	2	6	0.3	2	2	4	0.0
Human immunodeficiency virus [HIV]	-	1	1	0.0	1	-	1	0.0
Malaria	-	-	-	0.0	-	-	-	0.0
Leishmaniasis	-	-	-	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
Schistosomiasis [bilharziasis]	-	1	1	0.0	1	-	1	0.0
Remainder of certain infectious and parasitic diseases	45	29	74	3.7	88	89	177	2.1
Neoplasms	39	39	78	3.9	286	209	495	5.8
Malignant neoplasm of lip, oral cavity and pharynx	-	-	-	0.0	-	1	1	0.0
Malignant neoplasm of oesophagus	1	-	1	0.0	1	-	1	0.0
Malignant neoplasm of stomach	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of colon, rectum and anus	-	2	2	0.1	2	-	2	0.0
Malignant neoplasm of liver and intrahepatic bile ducts	2	-	2	0.1	20	9	29	0.3
Malignant neoplasm of pancreas	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of larynx	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of trachea, bronchus and lung	-	-	-	0.0	-	-	-	0.0
Malignant melanoma of skin	-	-	-	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, 2016

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of cervix uteri	-	1	1	0.0	-	-	-	0.0
Malignant neoplasm of other and unspecified parts of uterus	-	-	-	0.0	-	1	1	0.0
Malignant neoplasm of ovary	-	-	-	0.0	-	3	3	0.0
Malignant neoplasm of prostate	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of bladder	-	-	-	0.0	-	2	2	0.0
Malignant neoplasm of meninges, brain and other parts of central nervous system	1	-	1	0.0	18	15	33	0.4
Non-Hodgkin lymphoma	-	1	1	0.0	3	8	11	0.1
Multiple myeloma and malignant plasma cell neoplasms	-	-	-	0.0	-	-	-	0.0
Leukemia	14	10	24	1.2	125	97	222	2.6
Remainder of malignant neoplasms	8	6	14	0.7	89	54	143	1.7
Remainder of Neoplasms	13	19	32	1.6	27	19	46	0.5
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	128	87	215	10.6	89	86	175	2.1
Anaemias	27	33	60	3.0	37	41	78	0.9
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	101	54	155	7.7	52	45	97	1.1
Endocrine, nutritional and metabolic diseases	219	160	379	18.7	203	185	388	4.6
Diabetes Mellitus	6	9	15	0.7	7	4	11	0.1
Malnutrition	60	51	111	5.5	97	120	217	2.5
Remainder endocrine, nutritional and metabolic diseases	153	100	253	12.5	99	61	160	1.9
Mental and behavioural disorders	-	-	-	0.0	1	-	1	0.0
Mental and behavioral disorder due to psychoactive substance use	-	-	-	0.0	1	-	1	0.0
Remainder of mental and behavioral disorders	-	-	-	0.0	-	-	-	0.0
Diseases of the nervous system	409	315	724	35.8	536	402	938	11.0
Meningitis	182	138	320	15.8	176	148	324	3.8
Alzheimer's disease	-	-	-	0.0	1	-	1	0.0
Remainder diseases of the nervous system	227	177	404	20.0	359	254	613	7.2

* 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, 2016

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	-	-	0.0	1	-	1	0.0
Diseases of the ear and mastoid process	-	-	-	0.0	-	-	-	0.0
Diseases of the circulatory system	162	157	319	15.8	129	94	223	2.6
Acute rheumatic fever and chronic rheumatic heart diseases	2	2	4	0.2	3	2	5	0.1
Hypertensive diseases	4	5	9	0.4	-	2	2	0.0
Ischaemic heart diseases	8	12	20	1.0	6	5	11	0.1
Other heart diseases	119	116	235	11.6	92	67	159	1.9
Cerebrovascular diseases	24	19	43	2.1	21	14	35	0.4
Atherosclerosis	-	1	1	0.0	-	-	-	0.0
Remainder of diseases of the circulatory system	5	2	7	0.3	7	4	11	0.1
Diseases of the respiratory system	2,082	1,595	3,677	181.7	1,214	1,079	2,293	26.9
Influenza	-	-	-	0.0	1	2	3	0.0
Pneumonia	1,639	1,246	2,885	142.6	917	802	1,719	20.2
Other acute lower respiratory infections	5	3	8	0.4	3	1	4	0.0
Chronic lower respiratory infections	58	63	121	6.0	170	176	346	4.1
Remainder of diseases of the respiratory system	380	283	663	32.8	123	98	221	2.6
Diseases of the digestive system	138	82	220	10.9	83	68	151	1.8
Gastric and duodenal ulcer	2	-	2	0.1	1	1	2	0.0
Diseases of the liver	16	18	34	1.7	19	22	41	0.5
Remainder of diseases of the digestive system	120	64	184	9.1	63	45	108	1.3
Diseases of the skin and subcutaneous tissue	19	13	32	1.6	16	15	31	0.4
Diseases of the musculoskeletal system and connective tissue	4	1	5	0.2	2	3	5	0.1
Diseases of the genitourinary system	24	14	38	1.9	51	48	99	1.2
Glomerular and renal tubulo-interstitial diseases	2	4	6	0.3	28	21	49	0.6
Remainder of diseases of the genitourinary system	22	10	32	1.6	23	27	50	0.6
Pregnancy, childbirth and the puerperium	-	-	-	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, 2016

CAUSE	UNDER 1				1 -4 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
Other direct obstetric deaths	-	-	-	0.0	-	-	-	0.0
Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
Remainder of pregnancy, childbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	5,788	3,990	9,778	483.3	4	1	5	0.1
Congenital malformations, deformations and chromosomal abnormalities	1,653	1,405	3,058	151.2	376	372	748	8.8
Symptoms, signs and abnormal clinical and laboratory findings, NEC	435	285	720	35.6	167	130	297	3.5
External causes of morbidity and mortality	148	108	256	12.7	606	387	993	11.7
Transport accident	15	8	23	1.1	111	57	168	2.0
Falls	14	12	26	1.3	34	30	64	0.8
Accidental drowning and submersion	15	11	26	1.3	267	161	428	5.0
Exposure to smoke, fire and flames	12	2	14	0.7	36	33	69	0.8
Accidental poisoning by and exposure to noxious substances	-	-	-	0.0	5	7	12	0.1
Intentional self-harm	-	-	-	0.0	-	-	-	0.0
Assault	6	2	8	0.4	23	12	35	0.4
All other external causes	86	73	159	7.9	130	87	217	2.5

* 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, 2016

CAUSE	5-9 YEARS				10-14 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	2,944	2,451	5,395	50.5	2,708	1,929	4,637	42.3
Certain infectious and parasitic diseases	567	639	1,206	11.3	375	285	660	6.0
Cholera	-	-	-	0.0	-	-	-	0.0
Diarrhea and gastroenteritis of presumed infectious origin	76	87	163	1.5	46	41	87	0.8
Other intestinal infectious diseases	11	15	26	0.2	12	10	22	0.2
Respiratory tuberculosis	23	19	42	0.4	44	43	87	0.8
Other tuberculosis	46	41	87	0.8	56	25	81	0.7
Plague	-	-	-	0.0	-	-	-	0.0
Tetanus	18	7	25	0.2	22	6	28	0.3
Diphtheria	2	4	6	0.1	2	4	6	0.1
Whooping cough	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	6	8	14	0.1	2	2	4	0.0
Septicaemia (Sepsis)	99	70	169	1.6	55	45	100	0.9
Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
Acute poliomyelitis	-	-	-	0.0	3	1	4	0.0
Rabies	14	6	20	0.2	12	5	17	0.2
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	222	351	573	5.4	92	81	173	1.6
Measles	2	-	2	0.0	-	-	-	0.0
Viral hepatitis	4	2	6	0.1	2	2	4	0.0
Human immunodeficiency virus [HIV]	-	1	1	0.0	-	-	-	0.0
Malaria	-	-	-	0.0	-	-	-	0.0
Leishmaniasis	-	-	-	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
Schistosomiasis [bilharziasis]	1	-	1	0.0	-	-	-	0.0
Remainder of certain infectious and parasitic diseases	43	28	71	0.7	27	20	47	0.4
Neoplasms	259	179	438	4.1	232	193	425	3.9
Malignant neoplasm of lip, oral cavity and pharynx	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of oesophagus	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of stomach	-	2	2	0.0	-	2	2	0.0
Malignant neoplasm of colon, rectum and anus	-	-	-	0.0	1	1	2	0.0
Malignant neoplasm of liver and intrahepatic bile ducts	3	5	8	0.1	7	2	9	0.1
Malignant neoplasm of pancreas	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of larynx	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of trachea, bronchus and lung	-	-	-	0.0	-	-	-	0.0
Malignant melanoma of skin	-	-	-	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, 2016

CAUSE	5-9 YEARS				10-14 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of cervix uteri	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of other and unspecified parts of uterus	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of ovary	-	1	1	0.0	-	4	4	0.0
Malignant neoplasm of prostate	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of bladder	-	-	-	0.0	-	-	-	0.0
Malignant neoplasm of meninges, brain and other parts of central nervous system	38	18	56	0.5	28	20	48	0.4
Non-Hodgkin lymphoma	10	6	16	0.1	11	6	17	0.2
Multiple myeloma and malignant plasma cell neoplasms	-	-	-	0.0	-	-	-	0.0
Leukemia	134	86	220	2.1	101	90	191	1.7
Remainder of malignant neoplasms	40	32	72	0.7	58	40	98	0.9
Remainder of Neoplasms	34	29	63	0.6	25	28	53	0.5
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	53	37	90	0.8	45	49	94	0.9
Anaemias	18	16	34	0.3	22	29	51	0.5
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	35	21	56	0.5	23	20	43	0.4
Endocrine, nutritional and metabolic diseases	75	88	163	1.5	60	77	137	1.2
Diabetes Mellitus	7	6	13	0.1	9	26	35	0.3
Malnutrition	45	36	81	0.8	29	13	42	0.4
Remainder endocrine, nutritional and metabolic diseases	23	46	69	0.6	22	38	60	0.5
Mental and behavioural disorders	1	-	1	0.0	2	2	4	0.0
Mental and behavioral disorder due to psychoactive substance use	1	-	1	0.0	-	-	-	0.0
Remainder of mental and behavioral disorders	-	-	-	0.0	2	2	4	0.0
Diseases of the nervous system	329	270	599	5.6	267	186	453	4.1
Meningitis	99	78	177	1.7	57	39	96	0.9
Alzheimer's disease	-	-	-	0.0	1	-	1	0.0
Remainder diseases of the nervous system	230	192	422	4.0	209	147	356	3.2

* 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, 2016

CAUSE	5-9 YEARS				10-14 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	-	-	0.0	-	-	-	0.0
Diseases of the ear and mastoid process	-	1	1	0.0	-	-	-	0.0
Diseases of the circulatory system	120	103	223	2.1	254	219	473	4.3
Acute rheumatic fever and chronic rheumatic heart diseases	26	24	50	0.5	89	92	181	1.7
Hypertensive diseases	1	4	5	0.0	3	4	7	0.1
Ischaemic heart diseases	8	6	14	0.1	22	17	39	0.4
Other heart diseases	66	49	115	1.1	105	73	178	1.6
Cerebrovascular diseases	17	17	34	0.3	29	28	57	0.5
Atherosclerosis	-	-	-	0.0	-	-	-	0.0
Remainder of diseases of the circulatory system	2	3	5	0.0	6	5	11	0.1
Diseases of the respiratory system	412	334	746	7.0	304	229	533	4.9
Influenza	-	-	-	0.0	-	-	-	0.0
Pneumonia	303	234	537	5.0	199	172	371	3.4
Other acute lower respiratory infections	2	2	4	0.0	-	-	-	0.0
Chronic lower respiratory infections	66	57	123	1.2	65	35	100	0.9
Remainder of diseases of the respiratory system	41	41	82	0.8	40	22	62	0.6
Diseases of the digestive system	71	51	122	1.1	51	36	87	0.8
Gastric and duodenal ulcer	1	1	2	0.0	3	6	9	0.1
Diseases of the liver	13	9	22	0.2	5	5	10	0.1
Remainder of diseases of the digestive system	57	41	98	0.9	43	25	68	0.6
Diseases of the skin and subcutaneous tissue	6	4	10	0.1	11	7	18	0.2
Diseases of the musculoskeletal system and connective tissue	2	11	13	0.1	7	28	35	0.3
Diseases of the genitourinary system	72	86	158	1.5	82	81	163	1.5
Glomerular and renal tubulo-interstitial diseases	36	53	89	0.8	37	30	67	0.6
Remainder of diseases of the genitourinary system	36	33	69	0.6	45	51	96	0.9
Pregnancy, childbirth and the puerperium	-	-	-	0.0	-	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, 2016

CAUSE	5-9 YEARS				10-14 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
Other direct obstetric deaths	-	-	-	0.0	-	2	2	0.0
Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
Remainder of pregnancy, childbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	1	1	2	0.0	-	-	-	0.0
Congenital malformations, deformations and chromosomal abnormalities	149	159	308	2.9	109	107	216	2.0
Symptoms, signs and abnormal clinical and laboratory findings, NEC	84	81	165	1.5	104	67	171	1.6
External causes of morbidity and mortality	743	407	1,150	10.8	805	361	1,166	10.6
Transport accident	160	88	248	2.3	194	76	270	2.5
Falls	39	13	52	0.5	55	16	71	0.6
Accidental drowning and submersion	343	180	523	4.9	234	127	361	3.3
Exposure to smoke, fire and flames	20	17	37	0.3	17	7	24	0.2
Accidental poisoning by and exposure to noxious substances	12	4	16	0.1	4	2	6	0.1
Intentional self-harm	-	4	4	0.0	25	21	46	0.4
Assault	25	12	37	0.3	59	23	82	0.7
All other external causes	144	89	233	2.2	217	89	306	2.8

* 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, 2016

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	5,121	2,801	7,922	72.9	8,043	3,540	11,583	124.4
Certain infectious and parasitic diseases	542	357	899	8.3	840	436	1,276	13.7
Cholera	-	-	-	0.0	-	-	-	0.0
Diarrhea and gastroenteritis of presumed infectious origin	48	28	76	0.7	46	30	76	0.8
Other intestinal infectious diseases	16	13	29	0.3	24	16	40	0.4
Respiratory tuberculosis	178	127	305	2.8	397	193	590	6.3
Other tuberculosis	57	41	98	0.9	73	42	115	1.2
Plague	-	-	-	0.0	-	-	-	0.0
Tetanus	10	2	12	0.1	16	3	19	0.2
Diphtheria	1	-	1	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	3	-	3	0.0	2	1	3	0.0
Septicaemia (Sepsis)	91	70	161	1.5	80	83	163	1.8
Infections with a predominantly sexual mode of transmission	-	-	-	0.0	1	-	1	0.0
Acute poliomyelitis	2	-	2	0.0	3	-	3	0.0
Rabies	12	2	14	0.1	6	4	10	0.1
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	55	44	99	0.9	42	31	73	0.8
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	11	5	16	0.1	11	8	19	0.2
Human immunodeficiency virus [HIV]	6	1	7	0.1	51	2	53	0.6
Malaria	-	-	-	0.0	-	1	1	0.0
Leishmaniasis	-	-	-	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
Schistosomiasis [bilharziasis]	5	2	7	0.1	2	2	4	0.0
Remainder of certain infectious and parasitic diseases	47	22	69	0.6	86	20	106	1.1
Neoplasms	352	273	625	5.8	407	320	727	7.8
Malignant neoplasm of lip, oral cavity and pharynx	11	5	16	0.1	11	6	17	0.2
Malignant neoplasm of oesophagus	-	-	-	0.0	3	1	4	0.0
Malignant neoplasm of stomach	1	-	1	0.0	7	2	9	0.1
Malignant neoplasm of colon, rectum and anus	5	8	13	0.1	28	20	48	0.5
Malignant neoplasm of liver and intrahepatic bile ducts	9	3	12	0.1	20	9	29	0.3
Malignant neoplasm of pancreas	2	-	2	0.0	4	-	4	0.0
Malignant neoplasm of larynx	-	-	-	0.0	1	1	2	0.0
Malignant neoplasm of trachea, bronchus and lung	17	7	24	0.2	26	9	35	0.4
Malignant melanoma of skin	-	-	-	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, 2016

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	-	2	2	0.0	-	12	12	0.1
Malignant neoplasm of cervix uteri	-	3	3	0.0	-	10	10	0.1
Malignant neoplasm of other and unspecified parts of uterus	-	6	6	0.1	-	5	5	0.1
Malignant neoplasm of ovary	-	22	22	0.2	-	25	25	0.3
Malignant neoplasm of prostate	-	-	-	0.0	1	-	1	0.0
Malignant neoplasm of bladder	1	-	1	0.0	1	1	2	0.0
Malignant neoplasm of meninges, brain and other parts of central nervous system	24	14	38	0.3	35	21	56	0.6
Non-Hodgkin lymphoma	31	22	53	0.5	34	23	57	0.6
Multiple myeloma and malignant plasma cell neoplasms	1	1	2	0.0	1	-	1	0.0
Leukemia	106	82	188	1.7	82	81	163	1.8
Remainder of malignant neoplasms	103	74	177	1.6	98	59	157	1.7
Remainder of Neoplasms	41	24	65	0.6	54	35	89	1.0
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	65	65	130	1.2	68	82	150	1.6
Anaemias	41	45	86	0.8	35	57	92	1.0
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	24	20	44	0.4	33	25	58	0.6
Endocrine, nutritional and metabolic diseases	90	134	224	2.1	163	208	371	4.0
Diabetes Mellitus	23	45	68	0.6	45	60	105	1.1
Malnutrition	27	23	50	0.5	19	26	45	0.5
Remainder endocrine, nutritional and metabolic diseases	40	66	106	1.0	99	122	221	2.4
Mental and behavioural disorders	9	3	12	0.1	22	4	26	0.3
Mental and behavioral disorder due to psychoactive substance use	3	1	4	0.0	13	2	15	0.2
Remainder of mental and behavioral disorders	6	2	8	0.1	9	2	11	0.1
Diseases of the nervous system	278	196	474	4.4	259	148	407	4.4
Meningitis	41	45	86	0.8	49	32	81	0.9
Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
Remainder diseases of the nervous system	237	151	388	3.6	210	116	326	3.5

* 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, 2016

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	-	-	0.0	-	-	-	0.0
Diseases of the ear and mastoid process	-	1	1	0.0	-	-	-	0.0
Diseases of the circulatory system	542	368	910	8.4	1,036	582	1,618	17.4
Acute rheumatic fever and chronic rheumatic heart diseases	107	86	193	1.8	74	94	168	1.8
Hypertensive diseases	13	5	18	0.2	36	16	52	0.6
Ischaemic heart diseases	134	74	208	1.9	407	149	556	6.0
Other heart diseases	188	150	338	3.1	343	227	570	6.1
Cerebrovascular diseases	90	47	137	1.3	166	86	252	2.7
Atherosclerosis	1	1	2	0.0	-	-	-	0.0
Remainder of diseases of the circulatory system	9	5	14	0.1	10	10	20	0.2
Diseases of the respiratory system	415	296	711	6.5	579	359	938	10.1
Influenza	-	1	1	0.0	-	1	1	0.0
Pneumonia	266	188	454	4.2	363	225	588	6.3
Other acute lower respiratory infections	-	-	-	0.0	1	-	1	0.0
Chronic lower respiratory infections	96	59	155	1.4	137	93	230	2.5
Remainder of diseases of the respiratory system	53	48	101	0.9	78	40	118	1.3
Diseases of the digestive system	147	61	208	1.9	326	111	437	4.7
Gastric and duodenal ulcer	21	11	32	0.3	26	15	41	0.4
Diseases of the liver	34	9	43	0.4	47	28	75	0.8
Remainder of diseases of the digestive system	92	41	133	1.2	253	68	321	3.4
Diseases of the skin and subcutaneous tissue	17	6	23	0.2	15	12	27	0.3
Diseases of the musculoskeletal system and connective tissue	14	60	74	0.7	7	78	85	0.9
Diseases of the genitourinary system	150	121	271	2.5	294	241	535	5.7
Glomerular and renal tubulo-interstitial diseases	52	46	98	0.9	103	83	186	2.0
Remainder of diseases of the genitourinary system	98	75	173	1.6	191	158	349	3.7
Pregnancy, childbirth and the puerperium	-	132	132	1.2	-	256	256	2.7

* 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, 2016

CAUSE	15-19 YEARS				20-24 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	18	18	0.2	-	22	22	0.2
Other direct obstetric deaths	-	105	105	1.0	-	218	218	2.3
Indirect obstetric deaths	-	9	9	0.1	-	15	15	0.2
Remainder of pregnancy, childbirth and the puerperium	-	-	-	0.0	-	1	1	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital malformations, deformations and chromosomal abnormalities	95	113	208	1.9	76	71	147	1.6
Symptoms, signs and abnormal clinical and laboratory findings, NEC	151	106	257	2.4	233	129	362	3.9
External causes of morbidity and mortality	2,254	509	2,763	25.4	3,718	503	4,221	45.3
Transport accident	804	131	935	8.6	1,379	158	1,537	16.5
Falls	50	11	61	0.6	57	14	71	0.8
Accidental drowning and submersion	224	58	282	2.6	169	21	190	2.0
Exposure to smoke, fire and flames	10	7	17	0.2	15	10	25	0.3
Accidental poisoning by and exposure to noxious substances	4	3	7	0.1	5	3	8	0.1
Intentional self-harm	215	95	310	2.9	274	79	353	3.8
Assault	468	72	540	5.0	1,095	99	1,194	12.8
All other external causes	479	132	611	5.6	724	119	843	9.1

* 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, 2016

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	9,765	3,876	13,641	163.2	10,957	4,702	15,659	205.5
Certain infectious and parasitic diseases	1,126	436	1,562	18.7	1,134	484	1,618	21.2
Cholera	-	-	-	0.0	-	-	-	0.0
Diarrhea and gastroenteritis of presumed infectious origin	49	34	83	1.0	61	34	95	1.2
Other intestinal infectious diseases	29	10	39	0.5	20	6	26	0.3
Respiratory tuberculosis	571	227	798	9.5	652	283	935	12.3
Other tuberculosis	73	41	114	1.4	45	29	74	1.0
Plague	-	-	-	0.0	-	-	-	0.0
Tetanus	11	3	14	0.2	39	1	40	0.5
Diphtheria	-	-	-	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	-	1	1	0.0	-	-	-	0.0
Septicaemia (Sepsis)	111	63	174	2.1	98	64	162	2.1
Infections with a predominantly sexual mode of transmission	-	1	1	0.0	-	-	-	0.0
Acute poliomyelitis	1	1	2	0.0	2	-	2	0.0
Rabies	12	2	14	0.2	13	3	16	0.2
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	25	17	42	0.5	24	27	51	0.7
Measles	-	-	-	0.0	1	-	1	0.0
Viral hepatitis	22	6	28	0.3	30	10	40	0.5
Human immunodeficiency virus [HIV]	111	5	116	1.4	63	3	66	0.9
Malaria	2	1	3	0.0	1	-	1	0.0
Leishmaniasis	-	-	-	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	-	1	1	0.0
Schistosomiasis [bilharziasis]	8	3	11	0.1	6	6	12	0.2
Remainder of certain infectious and parasitic diseases	101	21	122	1.5	79	17	96	1.3
Neoplasms	507	510	1,017	12.2	603	791	1,394	18.3
Malignant neoplasm of lip, oral cavity and pharynx	24	10	34	0.4	28	25	53	0.7
Malignant neoplasm of oesophagus	1	1	2	0.0	3	1	4	0.1
Malignant neoplasm of stomach	11	4	15	0.2	16	10	26	0.3
Malignant neoplasm of colon, rectum and anus	43	29	72	0.9	70	58	128	1.7
Malignant neoplasm of liver and intrahepatic bile ducts	62	23	85	1.0	92	29	121	1.6
Malignant neoplasm of pancreas	9	6	15	0.2	10	7	17	0.2
Malignant neoplasm of larynx	1	1	2	0.0	-	-	-	0.0
Malignant neoplasm of trachea, bronchus and lung	31	17	48	0.6	51	30	81	1.1
Malignant melanoma of skin	1	-	1	0.0	2	5	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, 2016

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	-	61	61	0.7	5	196	201	2.6
Malignant neoplasm of cervix uteri	-	48	48	0.6	-	91	91	1.2
Malignant neoplasm of other and unspecified parts of uterus	-	17	17	0.2	-	16	16	0.2
Malignant neoplasm of ovary	-	38	38	0.5	-	46	46	0.6
Malignant neoplasm of prostate	1	-	1	0.0	1	-	1	0.0
Malignant neoplasm of bladder	2	1	3	0.0	2	2	4	0.1
Malignant neoplasm of meninges, brain and other parts of central nervous system	25	19	44	0.5	35	32	67	0.9
Non-Hodgkin lymphoma	60	38	98	1.2	40	22	62	0.8
Multiple myeloma and malignant plasma cell neoplasms	2	1	3	0.0	1	-	1	0.0
Leukemia	75	67	142	1.7	77	54	131	1.7
Remainder of malignant neoplasms	114	82	196	2.3	99	96	195	2.6
Remainder of Neoplasms	45	47	92	1.1	71	71	142	1.9
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	72	67	139	1.7	65	77	142	1.9
Anaemias	37	44	81	1.0	37	55	92	1.2
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	35	23	58	0.7	28	22	50	0.7
Endocrine, nutritional and metabolic diseases	198	235	433	5.2	257	254	511	6.7
Diabetes Mellitus	85	79	164	2.0	118	98	216	2.8
Malnutrition	29	15	44	0.5	24	26	50	0.7
Remainder endocrine, nutritional and metabolic diseases	84	141	225	2.7	115	130	245	3.2
Mental and behavioural disorders	15	5	20	0.2	25	7	32	0.4
Mental and behavioral disorder due to psychoactive substance use	8	-	8	0.1	16	-	16	0.2
Remainder of mental and behavioral disorders	7	5	12	0.1	9	7	16	0.2
Diseases of the nervous system	245	143	388	4.6	212	136	348	4.6
Meningitis	49	27	76	0.9	38	21	59	0.8
Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
Remainder diseases of the nervous system	196	116	312	3.7	174	115	289	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, 2016

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	1	1	0.0	-	-	-	0.0
Diseases of the ear and mastoid process	1	-	1	0.0	-	-	-	0.0
Diseases of the circulatory system	1,597	764	2,361	28.2	2,251	1,040	3,291	43.2
Acute rheumatic fever and chronic rheumatic heart diseases	80	108	188	2.2	74	104	178	2.3
Hypertensive diseases	97	33	130	1.6	161	77	238	3.1
Ischaemic heart diseases	706	239	945	11.3	1,041	343	1,384	18.2
Other heart diseases	440	261	701	8.4	499	301	800	10.5
Cerebrovascular diseases	246	110	356	4.3	444	198	642	8.4
Atherosclerosis	-	-	-	0.0	-	1	1	0.0
Remainder of diseases of the circulatory system	28	13	41	0.5	32	16	48	0.6
Diseases of the respiratory system	674	369	1,043	12.5	735	442	1,177	15.4
Influenza	-	3	3	0.0	-	-	-	0.0
Pneumonia	448	219	667	8.0	466	246	712	9.3
Other acute lower respiratory infections	3	-	3	0.0	1	1	2	0.0
Chronic lower respiratory infections	148	110	258	3.1	192	138	330	4.3
Remainder of diseases of the respiratory system	75	37	112	1.3	76	57	133	1.7
Diseases of the digestive system	443	121	564	6.7	566	179	745	9.8
Gastric and duodenal ulcer	56	22	78	0.9	74	38	112	1.5
Diseases of the liver	86	32	118	1.4	185	65	250	3.3
Remainder of diseases of the digestive system	301	67	368	4.4	307	76	383	5.0
Diseases of the skin and subcutaneous tissue	11	25	36	0.4	21	23	44	0.6
Diseases of the musculoskeletal system and connective tissue	12	94	106	1.3	13	88	101	1.3
Diseases of the genitourinary system	402	298	700	8.4	484	303	787	10.3
Glomerular and renal tubulo-interstitial diseases	148	98	246	2.9	171	101	272	3.6
Remainder of diseases of the genitourinary system	254	200	454	5.4	313	202	515	6.8
Pregnancy, childbirth and the puerperium	-	250	250	3.0	-	299	299	3.9

* 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, 2016

CAUSE	25-29 YEARS				30-34 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	30	30	0.4	-	33	33	0.4
Other direct obstetric deaths	-	198	198	2.4	-	252	252	3.3
Indirect obstetric deaths	-	21	21	0.3	-	13	13	0.2
Remainder of pregnancy, childbirth and the puerperium	-	1	1	0.0	-	1	1	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital malformations, deformations and chromosomal abnormalities	58	40	98	1.2	33	37	70	0.9
Symptoms, signs and abnormal clinical and laboratory findings, NEC	287	110	397	4.7	285	117	402	5.3
External causes of morbidity and mortality	4,117	408	4,525	54.1	4,273	425	4,698	61.6
Transport accident	1,183	138	1,321	15.8	940	122	1,062	13.9
Falls	71	6	77	0.9	88	9	97	1.3
Accidental drowning and submersion	133	23	156	1.9	136	15	151	2.0
Exposure to smoke, fire and flames	12	5	17	0.2	13	3	16	0.2
Accidental poisoning by and exposure to noxious substances	3	3	6	0.1	9	1	10	0.1
Intentional self-harm	266	43	309	3.7	252	52	304	4.0
Assault	1,652	91	1,743	20.8	2,092	134	2,226	29.2
All other external causes	797	99	896	10.7	743	89	832	10.9

* 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, 2016

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	13,190	6,249	19,439	286.4	15,500	7,848	23,348	362.4
Certain infectious and parasitic diseases	1,298	532	1,830	27.0	1,418	551	1,969	30.6
Cholera	-	1	1	0.0	-	-	-	0.0
Diarrhea and gastroenteritis of presumed infectious origin	55	38	93	1.4	55	27	82	1.3
Other intestinal infectious diseases	21	12	33	0.5	25	12	37	0.6
Respiratory tuberculosis	771	324	1,095	16.1	894	361	1,255	19.5
Other tuberculosis	57	32	89	1.3	57	21	78	1.2
Plague	-	-	-	0.0	1	-	1	0.0
Tetanus	37	3	40	0.6	42	2	44	0.7
Diphtheria	-	-	-	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	-	2	2	0.0	1	-	1	0.0
Septicaemia (Sepsis)	125	61	186	2.7	140	70	210	3.3
Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
Acute poliomyelitis	1	-	1	0.0	1	2	3	0.0
Rabies	20	5	25	0.4	11	3	14	0.2
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	26	14	40	0.6	20	14	34	0.5
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	54	13	67	1.0	73	18	91	1.4
Human immunodeficiency virus [HIV]	40	5	45	0.7	17	2	19	0.3
Malaria	-	-	-	0.0	1	-	1	0.0
Leishmaniasis	-	-	-	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
Schistosomiasis [bilharziasis]	10	5	15	0.2	6	5	11	0.2
Remainder of certain infectious and parasitic diseases	81	17	98	1.4	74	14	88	1.4
Neoplasms	840	1,392	2,232	32.9	1,203	2,048	3,251	50.5
Malignant neoplasm of lip, oral cavity and pharynx	41	34	75	1.1	85	43	128	2.0
Malignant neoplasm of oesophagus	4	5	9	0.1	12	4	16	0.2
Malignant neoplasm of stomach	31	11	42	0.6	37	31	68	1.1
Malignant neoplasm of colon, rectum and anus	101	74	175	2.6	159	141	300	4.7
Malignant neoplasm of liver and intrahepatic bile ducts	163	51	214	3.2	286	70	356	5.5
Malignant neoplasm of pancreas	25	17	42	0.6	33	24	57	0.9
Malignant neoplasm of larynx	6	2	8	0.1	8	2	10	0.2
Malignant neoplasm of trachea, bronchus and lung	81	63	144	2.1	117	113	230	3.6
Malignant melanoma of skin	2	3	5	0.1	-	3	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, 2016

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	4	474	478	7.0	4	749	753	11.7
Malignant neoplasm of cervix uteri	-	175	175	2.6	-	234	234	3.6
Malignant neoplasm of other and unspecified parts of uterus	-	44	44	0.6	-	56	56	0.9
Malignant neoplasm of ovary	-	85	85	1.3	-	128	128	2.0
Malignant neoplasm of prostate	5	-	5	0.1	11	-	11	0.2
Malignant neoplasm of bladder	3	2	5	0.1	14	1	15	0.2
Malignant neoplasm of meninges, brain and other parts of central nervous system	45	36	81	1.2	50	47	97	1.5
Non-Hodgkin lymphoma	52	29	81	1.2	45	32	77	1.2
Multiple myeloma and malignant plasma cell neoplasms	3	3	6	0.1	4	4	8	0.1
Leukemia	83	87	170	2.5	72	90	162	2.5
Remainder of malignant neoplasms	130	128	258	3.8	162	163	325	5.0
Remainder of Neoplasms	61	69	130	1.9	104	113	217	3.4
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	63	79	142	2.1	73	95	168	2.6
Anaemias	46	63	109	1.6	55	66	121	1.9
Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	17	16	33	0.5	18	29	47	0.7
Endocrine, nutritional and metabolic diseases	472	396	868	12.8	745	620	1,365	21.2
Diabetes Mellitus	321	188	509	7.5	589	450	1,039	16.1
Malnutrition	32	18	50	0.7	27	11	38	0.6
Remainder endocrine, nutritional and metabolic diseases	119	190	309	4.6	129	159	288	4.5
Mental and behavioural disorders	38	5	43	0.6	39	4	43	0.7
Mental and behavioral disorder due to psychoactive substance use	26	-	26	0.4	26	2	28	0.4
Remainder of mental and behavioral disorders	12	5	17	0.3	13	2	15	0.2
Diseases of the nervous system	193	130	323	4.8	180	123	303	4.7
Meningitis	35	28	63	0.9	33	20	53	0.8
Alzheimer's disease	-	-	-	0.0	1	1	2	0.0
Remainder diseases of the nervous system	158	102	260	3.8	146	102	248	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, 2016

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	-	-	0.0	1	-	1	0.0
Diseases of the ear and mastoid process	1	-	1	0.0	-	-	-	0.0
Diseases of the circulatory system	3,451	1,561	5,012	73.8	5,147	2,235	7,382	114.6
Acute rheumatic fever and chronic rheumatic heart diseases	64	125	189	2.8	55	107	162	2.5
Hypertensive diseases	381	179	560	8.3	700	346	1,046	16.2
Ischaemic heart diseases	1,501	498	1,999	29.4	2,165	742	2,907	45.1
Other heart diseases	620	349	969	14.3	705	368	1,073	16.7
Cerebrovascular diseases	837	382	1,219	18.0	1,472	642	2,114	32.8
Atherosclerosis	3	2	5	0.1	3	2	5	0.1
Remainder of diseases of the circulatory system	45	26	71	1.0	47	28	75	1.2
Diseases of the respiratory system	811	532	1,343	19.8	947	581	1,528	23.7
Influenza	-	-	-	0.0	1	2	3	0.0
Pneumonia	463	296	759	11.2	557	343	900	14.0
Other acute lower respiratory infections	2	-	2	0.0	-	-	-	0.0
Chronic lower respiratory infections	262	174	436	6.4	272	176	448	7.0
Remainder of diseases of the respiratory system	84	62	146	2.2	117	60	177	2.7
Diseases of the digestive system	746	198	944	13.9	973	262	1,235	19.2
Gastric and duodenal ulcer	100	38	138	2.0	154	52	206	3.2
Diseases of the liver	327	72	399	5.9	500	103	603	9.4
Remainder of diseases of the digestive system	319	88	407	6.0	319	107	426	6.6
Diseases of the skin and subcutaneous tissue	23	27	50	0.7	36	24	60	0.9
Diseases of the musculoskeletal system and connective tissue	30	82	112	1.7	42	68	110	1.7
Diseases of the genitourinary system	574	361	935	13.8	675	434	1,109	17.2
Glomerular and renal tubulo-interstitial diseases	144	109	253	3.7	136	112	248	3.8
Remainder of diseases of the genitourinary system	430	252	682	10.0	539	322	861	13.4
Pregnancy, childbirth and the puerperium	-	335	335	4.9	-	177	177	2.7

* 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, 2016

CAUSE	35-39 YEARS				40-44 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	20	20	0.3	-	16	16	0.2
Other direct obstetric deaths	-	304	304	4.5	-	149	149	2.3
Indirect obstetric deaths	-	11	11	0.2	-	12	12	0.2
Remainder of pregnancy, childbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital malformations, deformations and chromosomal abnormalities	16	36	52	0.8	21	20	41	0.6
Symptoms, signs and abnormal clinical and laboratory findings, NEC	341	131	472	7.0	317	164	481	7.5
External causes of morbidity and mortality	4,293	452	4,745	69.9	3,683	442	4,125	64.0
Transport accident	840	112	952	14.0	715	124	839	13.0
Falls	103	17	120	1.8	106	17	123	1.9
Accidental drowning and submersion	130	22	152	2.2	119	22	141	2.2
Exposure to smoke, fire and flames	12	3	15	0.2	15	3	18	0.3
Accidental poisoning by and exposure to noxious substances	11	3	14	0.2	4	2	6	0.1
Intentional self-harm	204	30	234	3.4	158	38	196	3.0
Assault	2,321	156	2,477	36.5	1,967	145	2,112	32.8
All other external causes	672	109	781	11.5	599	91	690	10.7

* 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, 2016

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	20,549	10,517	31,066	540.8	25,329	13,457	38,786	784.2
Certain infectious and parasitic diseases	1,861	670	2,531	44.1	2,219	772	2,991	60.5
Cholera	-	-	-	0.0	-	1	1	0.0
Diarrhea and gastroenteritis of presumed infectious origin	74	36	110	1.9	70	33	103	2.1
Other intestinal infectious diseases	15	17	32	0.6	29	6	35	0.7
Respiratory tuberculosis	1,242	424	1,666	29.0	1,553	511	2,064	41.7
Other tuberculosis	63	35	98	1.7	60	33	93	1.9
Plague	-	-	-	0.0	-	-	-	0.0
Tetanus	43	8	51	0.9	38	7	45	0.9
Diphtheria	1	-	1	0.0	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	1	-	1	0.0	1	-	1	0.0
Septicaemia (Sepsis)	176	85	261	4.5	199	100	299	6.0
Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
Acute poliomyelitis	1	-	1	0.0	1	-	1	0.0
Rabies	19	5	24	0.4	10	2	12	0.2
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	22	17	39	0.7	38	21	59	1.2
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	94	19	113	2.0	101	28	129	2.6
Human immunodeficiency virus [HIV]	24	1	25	0.4	9	1	10	0.2
Malaria	1	-	1	0.0	-	-	-	0.0
Leishmaniasis	-	-	-	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
Schistosomiasis [bilharziasis]	11	5	16	0.3	23	8	31	0.6
Remainder of certain infectious and parasitic diseases	74	18	92	1.6	87	21	108	2.2
Neoplasms	1,938	2,918	4,856	84.5	2,651	3,636	6,287	127.1
Malignant neoplasm of lip, oral cavity and pharynx	132	64	196	3.4	189	68	257	5.2
Malignant neoplasm of oesophagus	28	16	44	0.8	45	8	53	1.1
Malignant neoplasm of stomach	52	32	84	1.5	92	69	161	3.3
Malignant neoplasm of colon, rectum and anus	234	184	418	7.3	340	265	605	12.2
Malignant neoplasm of liver and intrahepatic bile ducts	427	139	566	9.9	552	189	741	15.0
Malignant neoplasm of pancreas	53	34	87	1.5	110	73	183	3.7
Malignant neoplasm of larynx	23	4	27	0.5	27	4	31	0.6
Malignant neoplasm of trachea, bronchus and lung	268	130	398	6.9	447	243	690	14.0
Malignant melanoma of skin	5	1	6	0.1	15	4	19	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, 2016

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	11	1,087	1,098	19.1	11	1,188	1,199	24.2
Malignant neoplasm of cervix uteri	-	277	277	4.8	-	351	351	7.1
Malignant neoplasm of other and unspecified parts of uterus	-	116	116	2.0	-	148	148	3.0
Malignant neoplasm of ovary	-	204	204	3.6	-	266	266	5.4
Malignant neoplasm of prostate	24	-	24	0.4	41	-	41	0.8
Malignant neoplasm of bladder	14	10	24	0.4	14	12	26	0.5
Malignant neoplasm of meninges, brain and other parts of central nervous system	55	71	126	2.2	69	59	128	2.6
Non-Hodgkin lymphoma	67	42	109	1.9	69	46	115	2.3
Multiple myeloma and malignant plasma cell neoplasms	11	6	17	0.3	15	13	28	0.6
Leukemia	87	84	171	3.0	97	94	191	3.9
Remainder of malignant neoplasms	294	253	547	9.5	367	358	725	14.7
Remainder of Neoplasms	153	164	317	5.5	151	178	329	6.7
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	72	90	162	2.8	108	95	203	4.1
Anaemias	50	72	122	2.1	81	74	155	3.1
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	22	18	40	0.7	27	21	48	1.0
Endocrine, nutritional and metabolic diseases	1,302	995	2,297	40.0	2,072	1,409	3,481	70.4
Diabetes Mellitus	1,139	777	1,916	33.4	1,893	1,212	3,105	62.8
Malnutrition	42	22	64	1.1	58	29	87	1.8
Remainder endocrine, nutritional and metabolic diseases	121	196	317	5.5	121	168	289	5.8
Mental and behavioural disorders	44	7	51	0.9	41	7	48	1.0
Mental and behavioral disorder due to psychoactive substance use	32	1	33	0.6	28	1	29	0.6
Remainder of mental and behavioral disorders	12	6	18	0.3	13	6	19	0.4
Diseases of the nervous system	213	119	332	5.8	188	131	319	6.5
Meningitis	37	18	55	1.0	25	22	47	1.0
Alzheimer's disease	1	-	1	0.0	1	2	3	0.1
Remainder diseases of the nervous system	175	101	276	4.8	162	107	269	5.4

* 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, 2016

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	-	-	0.0	-	-	-	0.0
Diseases of the ear and mastoid process	1	-	1	0.0	1	-	1	0.0
Diseases of the circulatory system	7,587	3,393	10,980	191.1	10,144	4,637	14,781	298.9
Acute rheumatic fever and chronic rheumatic heart diseases	46	106	152	2.6	39	94	133	2.7
Hypertensive diseases	1,140	595	1,735	30.2	1,650	856	2,506	50.7
Ischaemic heart diseases	3,137	1,107	4,244	73.9	4,269	1,508	5,777	116.8
Other heart diseases	858	442	1,300	22.6	974	523	1,497	30.3
Cerebrovascular diseases	2,324	1,098	3,422	59.6	3,119	1,610	4,729	95.6
Atherosclerosis	5	-	5	0.1	6	1	7	0.1
Remainder of diseases of the circulatory system	77	45	122	2.1	87	45	132	2.7
Diseases of the respiratory system	1,393	724	2,117	36.9	1,890	951	2,841	57.4
Influenza	3	1	4	0.1	1	1	2	0.0
Pneumonia	792	405	1,197	20.8	1,024	541	1,565	31.6
Other acute lower respiratory infections	5	2	7	0.1	4	2	6	0.1
Chronic lower respiratory infections	459	236	695	12.1	701	316	1,017	20.6
Remainder of diseases of the respiratory system	134	80	214	3.7	160	91	251	5.1
Diseases of the digestive system	1,374	352	1,726	30.0	1,622	429	2,051	41.5
Gastric and duodenal ulcer	217	58	275	4.8	306	95	401	8.1
Diseases of the liver	768	140	908	15.8	907	180	1,087	22.0
Remainder of diseases of the digestive system	389	154	543	9.5	409	154	563	11.4
Diseases of the skin and subcutaneous tissue	40	18	58	1.0	51	46	97	2.0
Diseases of the musculoskeletal system and connective tissue	76	45	121	2.1	84	49	133	2.7
Diseases of the genitourinary system	1,000	508	1,508	26.3	1,275	644	1,919	38.8
Glomerular and renal tubulo-interstitial diseases	184	91	275	4.8	175	105	280	5.7
Remainder of diseases of the genitourinary system	816	417	1,233	21.5	1,100	539	1,639	33.1
Pregnancy, childbirth and the puerperium	-	27	27	0.5	-	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, 2016

CAUSE	45-49 YEARS				50-54 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	7	7	0.1	-	-	-	0.0
Other direct obstetric deaths	-	19	19	0.3	-	1	1	0.0
Indirect obstetric deaths	-	1	1	0.0	-	-	-	0.0
Remainder of pregnancy, childbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital malformations, deformations and chromosomal abnormalities	16	19	35	0.6	13	15	28	0.6
Symptoms, signs and abnormal clinical and laboratory findings, NEC	419	182	601	10.5	454	203	657	13.3
External causes of morbidity and mortality	3,213	450	3,663	63.8	2,516	432	2,948	59.6
Transport accident	683	134	817	14.2	624	154	778	15.7
Falls	138	15	153	2.7	158	23	181	3.7
Accidental drowning and submersion	117	24	141	2.5	122	26	148	3.0
Exposure to smoke, fire and flames	19	6	25	0.4	13	7	20	0.4
Accidental poisoning by and exposure to noxious substances	4	2	6	0.1	9	2	11	0.2
Intentional self-harm	151	36	187	3.3	88	27	115	2.3
Assault	1,497	139	1,636	28.5	1,038	87	1,125	22.7
All other external causes	604	94	698	12.2	464	106	570	11.5

* 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, 2016

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	29,879	15,981	45,860	1168.8	34,113	19,093	53,206	1981.6
Certain infectious and parasitic diseases	2,586	935	3,521	89.7	2,859	1,062	3,921	146.0
Cholera	1	-	1	0.0	1	1	2	0.1
Diarrhea and gastroenteritis of presumed infectious origin	100	55	155	4.0	120	68	188	7.0
Other intestinal infectious diseases	22	13	35	0.9	18	16	34	1.3
Respiratory tuberculosis	1,892	586	2,478	63.2	2,189	704	2,893	107.7
Other tuberculosis	50	33	83	2.1	45	20	65	2.4
Plague	-	-	-	0.0	-	1	1	0.0
Tetanus	46	5	51	1.3	31	8	39	1.5
Diphtheria	-	-	-	0.0	-	1	1	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	1	-	1	0.0	-	-	-	0.0
Septicaemia (Sepsis)	257	153	410	10.4	264	155	419	15.6
Infections with a predominantly sexual mode of transmission	-	-	-	0.0	1	1	2	0.1
Acute poliomyelitis	-	1	1	0.0	1	-	1	0.0
Rabies	8	8	16	0.4	11	2	13	0.5
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	20	8	28	0.7	24	23	47	1.8
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	72	44	116	3.0	62	30	92	3.4
Human immunodeficiency virus [HIV]	4	-	4	0.1	-	-	-	0.0
Malaria	1	-	1	0.0	2	-	2	0.1
Leishmaniasis	1	-	1	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	1	1	2	0.1
Schistosomiasis [bilharziasis]	31	12	43	1.1	24	12	36	1.3
Remainder of certain infectious and parasitic diseases	80	17	97	2.5	65	19	84	3.1
Neoplasms	3,573	4,022	7,595	193.6	4,419	4,004	8,423	313.7
Malignant neoplasm of lip, oral cavity and pharynx	243	85	328	8.4	232	87	319	11.9
Malignant neoplasm of oesophagus	47	14	61	1.6	65	21	86	3.2
Malignant neoplasm of stomach	113	57	170	4.3	166	82	248	9.2
Malignant neoplasm of colon, rectum and anus	430	304	734	18.7	529	381	910	33.9
Malignant neoplasm of liver and intrahepatic bile ducts	628	228	856	21.8	709	219	928	34.6
Malignant neoplasm of pancreas	105	101	206	5.3	137	119	256	9.5
Malignant neoplasm of larynx	62	8	70	1.8	66	11	77	2.9
Malignant neoplasm of trachea, bronchus and lung	740	318	1,058	27.0	1,093	421	1,514	56.4
Malignant melanoma of skin	10	7	17	0.4	4	8	12	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, 2016

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	16	1,236	1,252	31.9	17	1,083	1,100	41.0
Malignant neoplasm of cervix uteri	-	288	288	7.3	-	271	271	10.1
Malignant neoplasm of other and unspecified parts of uterus	-	184	184	4.7	-	167	167	6.2
Malignant neoplasm of ovary	-	268	268	6.8	-	233	233	8.7
Malignant neoplasm of prostate	144	-	144	3.7	266	-	266	9.9
Malignant neoplasm of bladder	37	11	48	1.2	35	10	45	1.7
Malignant neoplasm of meninges, brain and other parts of central nervous system	99	76	175	4.5	83	69	152	5.7
Non-Hodgkin lymphoma	92	55	147	3.7	80	78	158	5.9
Multiple myeloma and malignant plasma cell neoplasms	27	22	49	1.2	24	28	52	1.9
Leukemia	90	99	189	4.8	112	90	202	7.5
Remainder of malignant neoplasms	450	453	903	23.0	528	421	949	35.3
Remainder of Neoplasms	240	208	448	11.4	273	205	478	17.8
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	113	105	218	5.6	162	139	301	11.2
Anaemias	88	78	166	4.2	132	100	232	8.6
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	25	27	52	1.3	30	39	69	2.6
Endocrine, nutritional and metabolic diseases	2,662	1,969	4,631	118.0	2,911	2,582	5,493	204.6
Diabetes Mellitus	2,472	1,765	4,237	108.0	2,704	2,355	5,059	188.4
Malnutrition	51	38	89	2.3	70	36	106	3.9
Remainder endocrine, nutritional and metabolic diseases	139	166	305	7.8	137	191	328	12.2
Mental and behavioural disorders	31	2	33	0.8	27	5	32	1.2
Mental and behavioral disorder due to psychoactive substance use	23	-	23	0.6	20	1	21	0.8
Remainder of mental and behavioral disorders	8	2	10	0.3	7	4	11	0.4
Diseases of the nervous system	203	108	311	7.9	197	105	302	11.2
Meningitis	14	9	23	0.6	18	11	29	1.1
Alzheimer's disease	1	2	3	0.1	9	5	14	0.5
Remainder diseases of the nervous system	188	97	285	7.3	170	89	259	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, 2016

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	-	-	0.0	-	-	-	0.0
Diseases of the ear and mastoid process	-	-	-	0.0	-	-	-	0.0
Diseases of the circulatory system	11,997	5,596	17,593	448.4	13,603	7,126	20,729	772.0
Acute rheumatic fever and chronic rheumatic heart diseases	36	76	112	2.9	32	59	91	3.4
Hypertensive diseases	2,011	1,042	3,053	77.8	2,392	1,426	3,818	142.2
Ischaemic heart diseases	5,039	1,934	6,973	177.7	5,548	2,513	8,061	300.2
Other heart diseases	1,171	617	1,788	45.6	1,401	786	2,187	81.5
Cerebrovascular diseases	3,614	1,868	5,482	139.7	4,102	2,263	6,365	237.1
Atherosclerosis	4	5	9	0.2	7	5	12	0.4
Remainder of diseases of the circulatory system	122	54	176	4.5	121	74	195	7.3
Diseases of the respiratory system	2,853	1,213	4,066	103.6	4,285	1,746	6,031	224.6
Influenza	2	-	2	0.1	3	2	5	0.2
Pneumonia	1,489	731	2,220	56.6	2,173	1,079	3,252	121.1
Other acute lower respiratory infections	1	-	1	0.0	3	1	4	0.1
Chronic lower respiratory infections	1,151	391	1,542	39.3	1,819	530	2,349	87.5
Remainder of diseases of the respiratory system	210	91	301	7.7	287	134	421	15.7
Diseases of the digestive system	1,787	578	2,365	60.3	1,814	655	2,469	92.0
Gastric and duodenal ulcer	367	130	497	12.7	439	137	576	21.5
Diseases of the liver	964	257	1,221	31.1	909	304	1,213	45.2
Remainder of diseases of the digestive system	456	191	647	16.5	466	214	680	25.3
Diseases of the skin and subcutaneous tissue	80	48	128	3.3	83	44	127	4.7
Diseases of the musculoskeletal system and connective tissue	105	49	154	3.9	116	33	149	5.5
Diseases of the genitourinary system	1,429	696	2,125	54.2	1,602	906	2,508	93.4
Glomerular and renal tubulo-interstitial diseases	176	109	285	7.3	189	105	294	10.9
Remainder of diseases of the genitourinary system	1,253	587	1,840	46.9	1,413	801	2,214	82.5
Pregnancy, childbirth and the puerperium	-	2	2	0.1	-	-	-	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, 2016

CAUSE	55-59 YEARS				60-64 YEARS			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	1	1	0.0	-	-	-	0.0
Other direct obstetric deaths	-	1	1	0.0	-	-	-	0.0
Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
Remainder of pregnancy, childbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital malformations, deformations and chromosomal abnormalities	10	7	17	0.4	12	12	24	0.9
Symptoms, signs and abnormal clinical and laboratory findings, NEC	540	252	792	20.2	588	289	877	32.7
External causes of morbidity and mortality	1,910	399	2,309	58.8	1,435	385	1,820	67.8
Transport accident	493	141	634	16.2	394	150	544	20.3
Falls	155	40	195	5.0	136	43	179	6.7
Accidental drowning and submersion	98	12	110	2.8	91	15	106	3.9
Exposure to smoke, fire and flames	20	14	34	0.9	12	3	15	0.6
Accidental poisoning by and exposure to noxious substances	5	3	8	0.2	6	3	9	0.3
Intentional self-harm	98	21	119	3.0	74	15	89	3.3
Assault	658	78	736	18.8	379	58	437	16.3
All other external causes	383	90	473	12.1	343	98	441	16.4

* 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, 2016

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
T O T A L	35,595	22,092	57,687	3271.0	103,315	119,346	222,661	7222.8
Certain infectious and parasitic diseases	2,907	1,208	4,115	233.3	6,533	5,025	11,558	374.9
Cholera	-	1	1	0.1	1	1	2	0.1
Diarrhea and gastroenteritis of presumed infectious origin	105	85	190	10.8	476	549	1,025	33.2
Other intestinal infectious diseases	17	17	34	1.9	60	50	110	3.6
Respiratory tuberculosis	2,283	792	3,075	174.4	4,554	2,543	7,097	230.2
Other tuberculosis	39	21	60	3.4	61	51	112	3.6
Plague	1	-	1	0.1	5	3	8	0.3
Tetanus	36	14	50	2.8	39	42	81	2.6
Diphtheria	1	-	1	0.1	-	-	-	0.0
Whooping cough	-	-	-	0.0	-	-	-	0.0
Meningococcal infection	1	-	1	0.1	2	1	3	0.1
Septicaemia (Sepsis)	289	201	490	27.8	1,125	1,553	2,678	86.9
Infections with a predominantly sexual mode of transmission	-	1	1	0.1	3	3	6	0.2
Acute poliomyelitis	-	-	-	0.0	1	-	1	0.0
Rabies	7	3	10	0.6	6	5	11	0.4
Yellow fever	-	-	-	0.0	-	-	-	0.0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	15	9	24	1.4	34	33	67	2.2
Measles	-	-	-	0.0	-	-	-	0.0
Viral hepatitis	40	30	70	4.0	33	54	87	2.8
Human immunodeficiency virus [HIV]	-	-	-	0.0	1	-	1	0.0
Malaria	1	-	1	0.1	-	-	-	0.0
Leishmaniasis	-	-	-	0.0	-	-	-	0.0
Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
Schistosomiasis [bilharziasis]	27	9	36	2.0	57	36	93	3.0
Remainder of certain infectious and parasitic diseases	45	25	70	4.0	75	101	176	5.7
Neoplasms	4,632	3,771	8,403	476.5	9,695	8,650	18,345	595.1
Malignant neoplasm of lip, oral cavity and pharynx	218	105	323	18.3	357	302	659	21.4
Malignant neoplasm of oesophagus	76	17	93	5.3	115	54	169	5.5
Malignant neoplasm of stomach	159	93	252	14.3	282	242	524	17.0
Malignant neoplasm of colon, rectum and anus	635	379	1,014	57.5	1,063	1,107	2,170	70.4
Malignant neoplasm of liver and intrahepatic bile ducts	614	333	947	53.7	1,069	840	1,909	61.9
Malignant neoplasm of pancreas	154	151	305	17.3	240	405	645	20.9
Malignant neoplasm of larynx	74	11	85	4.8	115	36	151	4.9
Malignant neoplasm of trachea, bronchus and lung	1,214	437	1,651	93.6	2,130	1,055	3,185	103.3
Malignant melanoma of skin	11	5	16	0.9	21	24	45	1.5

* 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, 2016

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Malignant neoplasm of breast	20	788	808	45.8	46	1,426	1,472	47.7
Malignant neoplasm of cervix uteri	-	166	166	9.4	-	288	288	9.3
Malignant neoplasm of other and unspecified parts of uterus	-	158	158	9.0	-	202	202	6.6
Malignant neoplasm of ovary	-	199	199	11.3	-	327	327	10.6
Malignant neoplasm of prostate	410	-	410	23.2	2,139	-	2,139	69.4
Malignant neoplasm of bladder	45	14	59	3.3	114	76	190	6.2
Malignant neoplasm of meninges, brain and other parts of central nervous system	85	75	160	9.1	118	139	257	8.3
Non-Hodgkin lymphoma	87	59	146	8.3	150	162	312	10.1
Multiple myeloma and malignant plasma cell neoplasms	20	16	36	2.0	32	49	81	2.6
Leukemia	82	111	193	10.9	210	253	463	15.0
Remainder of malignant neoplasms	461	437	898	50.9	930	1,088	2,018	65.5
Remainder of Neoplasms	267	217	484	27.4	564	575	1,139	36.9
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	142	143	285	16.2	536	737	1,273	41.3
Anaemias	123	116	239	13.6	492	647	1,139	36.9
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	19	27	46	2.6	44	90	134	4.3
Endocrine, nutritional and metabolic diseases	2,809	2,745	5,554	314.9	5,945	10,321	16,266	527.6
Diabetes Mellitus	2,580	2,495	5,075	287.8	4,386	7,341	11,727	380.4
Malnutrition	72	50	122	6.9	678	1,338	2,016	65.4
Remainder endocrine, nutritional and metabolic diseases	157	200	357	20.2	881	1,642	2,523	81.8
Mental and behavioural disorders	40	10	50	2.8	100	155	255	8.3
Mental and behavioral disorder due to psychoactive substance use	22	-	22	1.2	24	6	30	1.0
Remainder of mental and behavioral disorders	18	10	28	1.6	76	149	225	7.3
Diseases of the nervous system	187	153	340	19.3	456	722	1,178	38.2
Meningitis	14	16	30	1.7	20	33	53	1.7
Alzheimer's disease	10	14	24	1.4	114	248	362	11.7
Remainder diseases of the nervous system	163	123	286	16.2	322	441	763	24.8

* 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, 2016

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Diseases of the eye and adnexa	-	-	-	0.0	1	1	2	0.1
Diseases of the ear and mastoid process	1	-	1	0.1	2	1	3	0.1
Diseases of the circulatory system	14,277	8,881	23,158	1313.1	39,174	50,220	89,394	2899.8
Acute rheumatic fever and chronic rheumatic heart diseases	30	49	79	4.5	42	76	118	3.8
Hypertensive diseases	2,525	1,778	4,303	244.0	6,782	9,179	15,961	517.8
Ischaemic heart diseases	5,702	3,100	8,802	499.1	14,761	17,408	32,169	1043.5
Other heart diseases	1,497	904	2,401	136.1	5,905	8,414	14,319	464.5
Cerebrovascular diseases	4,347	2,966	7,313	414.7	10,816	13,908	24,724	802.0
Atherosclerosis	13	6	19	1.1	421	828	1,249	40.5
Remainder of diseases of the circulatory system	163	78	241	13.7	447	407	854	27.7
Diseases of the respiratory system	5,566	2,540	8,106	459.6	25,177	25,784	50,961	1653.1
Influenza	1	1	2	0.1	8	22	30	1.0
Pneumonia	2,703	1,628	4,331	245.6	15,176	20,452	35,628	1155.7
Other acute lower respiratory infections	3	4	7	0.4	26	19	45	1.5
Chronic lower respiratory infections	2,546	736	3,282	186.1	8,907	4,026	12,933	419.5
Remainder of diseases of the respiratory system	313	171	484	27.4	1,060	1,265	2,325	75.4
Diseases of the digestive system	1,627	769	2,396	135.9	3,837	3,237	7,074	229.5
Gastric and duodenal ulcer	465	180	645	36.6	1,379	1,141	2,520	81.7
Diseases of the liver	682	324	1,006	57.0	1,092	867	1,959	63.5
Remainder of diseases of the digestive system	480	265	745	42.2	1,366	1,229	2,595	84.2
Diseases of the skin and subcutaneous tissue	92	79	171	9.7	422	854	1,276	41.4
Diseases of the musculoskeletal system and connective tissue	123	65	188	10.7	533	655	1,188	38.5
Diseases of the genitourinary system	1,571	975	2,546	144.4	4,309	3,814	8,123	263.5
Glomerular and renal tubulo-interstitial diseases	179	101	280	15.9	456	383	839	27.2
Remainder of diseases of the genitourinary system	1,392	874	2,266	128.5	3,853	3,431	7,284	236.3
Pregnancy, childbirth and the puerperium	-	-	-	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, 2016

CAUSE	65-69 YEARS				70 YEARS & OVER			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
Other direct obstetric deaths	-	-	-	0.0	-	-	-	0.0
Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
Remainder of pregnancy, childbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
Congenital malformations, deformations and chromosomal abnormalities	4	7	11	0.6	13	24	37	1.2
Symptoms, signs and abnormal clinical and laboratory findings, NEC	613	359	972	55.1	4,786	7,366	12,152	394.2
External causes of morbidity and mortality	1,004	387	1,391	78.9	1,796	1,780	3,576	116.0
Transport accident	265	142	407	23.1	371	368	739	24.0
Falls	144	63	207	11.7	466	636	1,102	35.7
Accidental drowning and submersion	84	11	95	5.4	127	64	191	6.2
Exposure to smoke, fire and flames	13	10	23	1.3	36	64	100	3.2
Accidental poisoning by and exposure to noxious substances	6	2	8	0.5	12	12	24	0.8
Intentional self-harm	48	8	56	3.2	75	16	91	3.0
Assault	187	35	222	12.6	162	61	223	7.2
All other external causes	257	116	373	21.2	547	559	1,106	35.9

* 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, 2016

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
T O T A L	199	90	289
Certain infectious and parasitic diseases	14	7	21
Cholera	-	-	0
Diarrhea and gastroenteritis of presumed infectious origin	-	1	1
Other intestinal infectious diseases	1	-	1
Respiratory tuberculosis	8	5	13
Other tuberculosis	-	-	0
Plague	-	-	0
Tetanus	1	-	1
Diphtheria	-	-	0
Whooping cough	-	-	0
Meningococcal infection	-	1	1
Septicaemia (Sepsis)	2	-	2
Infections with a predominantly sexual mode of transmission	-	-	0
Acute poliomyelitis	-	-	0
Rabies	-	-	0
Yellow fever	-	-	0
Other arthropod-borne viral fevers and viral haemorrhagic fevers	-	-	0
Measles	-	-	0
Viral hepatitis	-	-	0
Human immunodeficiency virus [HIV]	-	-	0
Malaria	-	-	0
Leishmaniasis	-	-	0
Trypanosomiasis	-	-	0
Schistosomiasis [bilharziasis]	-	-	0
Remainder of certain infectious and parasitic diseases	2	-	2
Neoplasms	3	-	3
Malignant neoplasm of lip, oral cavity and pharynx	-	-	0
Malignant neoplasm of oesophagus	-	-	0
Malignant neoplasm of stomach	-	-	0
Malignant neoplasm of colon, rectum and anus	-	-	0
Malignant neoplasm of liver and intrahepatic bile ducts	2	-	2
Malignant neoplasm of pancreas	-	-	0
Malignant neoplasm of larynx	-	-	0
Malignant neoplasm of trachea, bronchus and lung	-	-	0
Malignant melanoma of skin	-	-	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, 2016

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
Malignant neoplasm of breast	-	-	0
Malignant neoplasm of cervix uteri	-	-	0
Malignant neoplasm of other and unspecified parts of uterus	-	-	0
Malignant neoplasm of ovary	-	-	0
Malignant neoplasm of prostate	-	-	0
Malignant neoplasm of bladder	-	-	0
Malignant neoplasm of meninges, brain and other parts of central nervous system	1	-	1
Non-Hodgkin lymphoma	-	-	0
Multiple myeloma and malignant plasma cell neoplasms	-	-	0
Leukemia	-	-	0
Remainder of malignant neoplasms	-	-	0
Remainder of Neoplasms	-	-	0
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	1	1	2
Anaemias	1	-	1
Remainder of diseases of the blood and blood forming organs and ceratin disorders involving the immune mechanism	-	1	1
Endocrine, nutritional and metabolic diseases	5	5	10
Diabetes Mellitus	-	1	1
Malnutrition	5	1	6
Remainder endocrine, nutritional and metabolic diseases	-	3	3
Mental and behavioural disorders	1	2	3
Mental and behavioral disorder due to psychoactive substance use	-	-	0
Remainder of mental and behavioral disorders	1	2	3
Diseases of the nervous system	2	-	2
Meningitis	-	-	0
Alzheimer's disease	-	-	0
Remainder diseases of the nervous 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, 2016

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
Diseases of the eye and adnexa	-	-	0
Diseases of the ear and mastoid process	-	-	0
Diseases of the circulatory system	40	20	60
Acute rheumatic fever and chronic rheumatic heart diseases	-	-	0
Hypertensive diseases	5	4	9
Ischaemic heart diseases	18	7	25
Other heart diseases	9	2	11
Cerebrovascular diseases	7	7	14
Atherosclerosis	-	-	0
Remainder of diseases of the circulatory system	1	-	1
Diseases of the respiratory system	18	10	28
Influenza	-	-	0
Pneumonia	15	9	24
Other acute lower respiratory infections	-	-	0
Chronic lower respiratory infections	-	-	0
Remainder of diseases of the respiratory system	3	1	4
Diseases of the digestive system	4	5	9
Gastric and duodenal ulcer	-	1	1
Diseases of the liver	-	1	1
Remainder of diseases of the digestive system	4	3	7
Diseases of the skin and subcutaneous tissue	2	1	3
Diseases of the musculoskeletal system and connective tissue	-	1	1
Diseases of the genitourinary system	-	2	2
Glomerular and renal tubulo-interstitial diseases	-	-	0
Remainder of diseases of the genitourinary system	-	2	2
Pregnancy, childbirth and the puerperium	-	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, 2016

CAUSE	AGE NOT STATED		
	Male	Female	Both Sexes
Pregnancy with abortive outcome	-	-	0
Other direct obstetric deaths	-	2	2
Indirect obstetric deaths	-	-	0
Remainder of pregnancy, childbirth and the puerperium	-	-	0
Certain conditions originating in the perinatal period	-	-	0
Congenital malformations, deformations and chromosomal abnormalities	2	-	2
Symptoms, signs and abnormal clinical and laboratory findings, NEC	47	17	64
External causes of morbidity and mortality	60	17	77
Transport accident	10	8	18
Falls	1	-	1
Accidental drowning and submersion	-	1	1
Exposure to smoke, fire and flames	-	-	0
Accidental poisoning by and exposure to noxious substances	-	-	0
Intentional self-harm	-	-	0
Assault	33	3	36
All other external causes	16	5	21

* 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, 2016

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	5,393	5.2	25,843	24.9	7,021	6.8
NATIONAL CAPITAL REGION	528	4.0	3,870	29.3	764	5.8
City of Manila	75	4.4	737	43.7	145	8.6
City of Mandaluyong	20	5.6	125	35.2	25	7.0
City of Marikina	17	3.8	163	36.5	24	5.4
City of Pasig	18	2.3	205	25.7	57	7.2
Quezon City	87	2.7	888	27.8	76	2.4
San Juan	1	0.8	26	21.1	6	4.9
Kalookan City	60	3.5	476	27.6	51	3.0
City of Malabon	20	5.5	130	35.8	27	7.4
Navotas	15	5.7	89	34.0	10	3.8
City of Valenzuela	32	5.0	165	25.8	42	6.6
City of Las Piñas	41	6.7	158	26.0	60	9.9
City of Makati	16	2.8	76	13.4	77	13.6
City of Muntinlupa	28	5.8	154	32.0	25	5.2
City of Parañaque	35	5.1	172	24.8	52	7.5
Pasay City	17	4.1	100	24.0	24	5.8
Pateros	2	2.9	16	23.3	5	7.3
City of Taguig	44	5.6	190	24.2	58	7.4
CORDILLERA ADMINISTRATIVE REGION	51	2.8	169	9.4	48	2.7
Abra	12	4.8	48	19.1	18	7.2
Apayao	5	4.1	18	14.6	1	0.8
Benguet	8	1.8	19	4.2	9	2.0
Ifugao	5	2.4	16	7.6	7	3.3
Kalinga	8	3.6	32	14.5	2	0.9
Mt. Province	8	4.9	8	4.9	4	2.5
Baguio City	5	1.4	28	7.6	7	1.9
REGION I - ILOCOS	258	5.0	1,140	22.3	285	5.6
Ilocos Norte	22	5.1	77	17.7	22	5.1
Ilocos Sur	18	3.1	96	16.4	47	8.0
La Union	34	5.0	180	26.7	24	3.6
Pangasinan	131	5.4	579	24.0	132	5.5
City of Batac	2	3.5	13	22.6	1	1.7
Laoag City	1	0.9	14	12.5	8	7.2
City of Candon	3	4.8	8	12.7	2	3.2
City of Vigan	4	7.6	5	9.5	3	5.7
City of San Fernando	4	3.2	38	30.8	3	2.4
City of Alaminos	7	7.5	21	22.6	10	10.8
Dagupan City	16	8.5	31	16.5	11	5.9
San Carlos City	9	4.8	53	28.1	20	10.6
City of Urdaneta	7	5.2	25	18.6	2	1.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	180	5.1	703	20.0	149	4.2
Batanes	-	0.0	4	24.0	-	0.0
Cagayan	75	7.1	214	20.2	40	3.8
Isabela	41	3.4	251	20.9	59	4.9
Nueva Vizcaya	23	5.0	78	17.0	7	1.5
Quirino	8	4.1	18	9.2	10	5.1
Tuguegarao City	14	9.3	37	24.5	5	3.3
City of Cauayan	10	7.4	33	24.5	12	8.9
Ilagan City	7	4.6	29	20.0	4	2.8
City of Santiago	2	1.3	39	26.3	12	8.1
REGION III - CENTRAL LUZON	484	4.2	2,373	20.6	837	7.3
Aurora	3	1.4	50	22.8	15	6.8
Bataan	41	6.0	212	31.2	33	4.8
Bulacan	84	3.5	434	18.2	166	7.0
Nueva Ecija	43	2.9	165	11.2	92	6.2
Pampanga	42	2.4	258	15.0	104	6.0
Tarlac	35	3.3	187	17.7	104	9.8
Zambales	34	5.6	204	33.6	49	8.1
City of Balanga	4	4.0	19	19.0	3	3.0
City of Malolos	14	5.0	58	20.8	28	10.0
City of Meycauayan	17	7.6	74	33.2	21	9.4
City of San Jose Del Monte	34	6.0	168	29.8	37	6.6
Cabanatuan City	9	2.9	46	14.9	32	10.4
City of Gapan	4	3.6	18	16.4	15	13.7
Science City of Muñoz	3	3.7	13	15.8	2	2.4
Palayan City	1	2.4	3	7.3	5	12.1
San Jose City	7	4.9	32	22.2	9	6.2
Angeles City	16	4.4	134	36.4	37	10.1
Mabalacat City	18	7.3	48	19.4	22	8.9
City of San Fernando	17	5.1	70	21.1	27	8.1
City of Tarlac	49	13.7	101	28.3	23	6.4
Olangapo City	9	3.8	79	33.3	13	5.5
REGION IVA - CALABARZON	672	4.4	3,784	24.9	861	5.7
Batangas	61	3.3	320	17.2	104	5.6
Cavite	74	5.3	292	21.1	48	3.5
Laguna	38	3.7	341	33.3	42	4.1
Quezon	131	7.3	475	26.3	126	7.0
Rizal	62	2.7	764	33.4	186	8.1
Batangas City	17	4.9	75	21.7	14	4.1
Lipa City	8	2.4	88	26.6	14	4.2
City of Tanauan	10	5.6	40	22.5	9	5.1
Bacoor City	44	6.2	180	25.6	47	6.7
Cavite City	6	6.0	45	45.1	5	5.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	24	3.3	184	25.3	28	3.9
City of General Trias	22	5.6	38	9.7	8	2.0
Imus City	17	4.4	66	17.2	21	5.5
Tagaytay City	2	2.7	9	12.2	2	2.7
Trece Martires City	8	4.4	14	7.8	6	3.3
City of Biñan	8	2.3	33	9.7	12	3.5
Cabuyao City	8	2.0	35	8.6	12	2.9
City of Calamba	17	3.7	93	20.0	26	5.6
San Pablo City	12	4.4	85	31.3	13	4.8
City of San Pedro	15	4.5	90	27.0	36	10.8
City of Santa Rosa	11	3.0	90	24.9	13	3.6
Lucena City	17	6.1	81	28.9	27	9.6
City of Tayabas	2	1.9	18	16.9	5	4.7
City of Antipolo	58	7.0	328	39.5	57	6.9
REGION IVB - MIMAROPA	155	5.1	1,011	33.1	249	8.1
Marinduque	7	3.0	81	34.7	22	9.4
Occidental Mindoro	46	9.2	209	41.6	25	5.0
Oriental Mindoro	34	4.7	279	38.9	62	8.6
Palawan	36	4.0	186	20.6	67	7.4
Romblon	12	4.1	127	43.0	29	9.8
Calapan City	7	5.1	54	39.7	11	8.1
Puerto Princesa City	13	4.8	75	27.8	33	12.2
REGION V - BICOL	371	6.3	2,000	33.8	389	6.6
Albay	39	4.4	291	33.2	45	5.1
Camarines Norte	32	5.4	251	42.4	26	4.4
Camarines Sur	102	6.0	580	34.3	63	3.7
Catanduanes	26	9.7	94	35.2	18	6.7
Masbate	90	10.9	186	22.5	73	8.8
Sorsogon	29	4.8	183	30.5	51	8.5
Legazpi City	9	4.5	86	43.2	17	8.5
City of Ligao	3	2.6	36	31.4	20	17.5
City of Tabaco	4	2.9	68	49.6	6	4.4
Iriga City	6	5.1	37	31.4	12	10.2
Naga City	10	4.9	81	40.1	16	7.9
City of Masbate	13	13.7	49	51.7	24	25.3
City of Sorsogon	8	4.0	58	28.7	18	8.9
REGION VI - WESTERN VISAYAS	578	7.5	2,844	36.9	643	8.3
Aklan	29	4.9	124	20.9	48	8.1
Antique	29	4.9	162	27.2	47	7.9
Capiz	23	3.9	94	16.1	58	9.9
Guimaras	4	2.3	49	27.6	6	3.4
Iloilo	102	5.4	551	29.2	169	9.0
Negros Occidental	104	9.6	460	42.5	82	7.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	9	5.1	53	29.9	13	7.3
Iloilo City	36	7.7	154	33.1	35	7.5
City of Passi	6	7.0	37	42.9	5	5.8
Bacolod City	70	12.3	425	74.6	35	6.1
Bago City	25	14.1	137	77.3	28	15.8
Cadiz City	14	8.9	68	43.3	12	7.6
City of Escalante	10	9.8	39	38.1	9	8.8
City of Himamaylan	25	22.2	58	51.5	9	8.0
City of Kabankalan	22	12.3	53	29.6	13	7.3
La Carlota City	4	5.8	54	78.6	10	14.6
Sagay City	14	9.5	84	57.0	10	6.8
San Carlos City	3	2.2	20	14.6	7	5.1
Silay City	14	10.8	87	67.1	16	12.3
City of Sipalay	9	12.7	27	38.2	3	4.2
City of Talisay	11	9.9	42	38.0	10	9.0
City of Victorias	15	16.3	66	71.5	18	19.5
REGION VII - CENTRAL VISAYAS	605	8.0	1,679	22.2	593	7.8
Bohol	68	5.6	210	17.2	93	7.6
Cebu	147	7.2	353	17.3	155	7.6
Negros Oriental	58	7.1	168	20.5	112	13.7
Siquijor	14	14.4	31	31.9	37	38.1
Tagbilaran City	7	6.4	17	15.5	14	12.7
City of Bogu	4	5.6	9	12.6	9	12.6
City of Carcar	7	6.0	18	15.5	2	1.7
Cebu City	116	11.6	481	48.0	33	3.3
Danao City	11	8.5	23	17.8	7	5.4
Lapu-Lapu City	30	6.2	82	16.9	20	4.1
Mandaue City	31	7.8	54	13.6	13	3.3
City of Naga	13	11.5	12	10.6	3	2.6
City of Talisay	27	11.6	56	24.0	11	4.7
Toledo City	21	13.0	24	14.8	16	9.9
Bais City	12	15.2	12	15.2	10	12.7
City of Bayawan	9	7.4	26	21.3	8	6.6
Canlaon City	3	5.7	17	32.0	8	15.1
Dumaguete City	9	6.7	47	35.2	18	13.5
City of Guihulngan	11	11.1	22	22.2	20	20.1
City of Tanjay	7	8.3	17	20.1	4	4.7
REGION VIII - EASTERN VISAYAS	299	6.7	1,193	26.9	397	9.0
Biliran	16	9.1	79	44.8	6	3.4
Eastern Samar	12	3.0	73	18.5	34	8.6
Leyte	77	5.7	387	28.8	138	10.3
Northern Samar	92	14.2	200	30.8	52	8.0
Samar	30	5.9	85	16.9	21	4.2
Southern Leyte	16	4.8	133	39.5	48	14.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	2	2.9	16	23.1	1	1.4
City of Baybay	3	2.8	43	40.2	10	9.3
Ormoc City	12	5.5	41	18.9	22	10.1
Tacloban City	13	5.2	52	20.7	23	9.1
Calbayog City	14	7.4	44	23.1	12	6.3
City of Catbalogan	10	9.9	26	25.8	20	19.8
City of Maasin	2	2.3	14	15.9	10	11.4
REGION IX - ZAMBOANGA PENINSULA	273	7.2	918	24.1	346	9.1
Zamboanga Del Norte	55	6.6	182	21.9	83	10.0
Zamboanga Del Sur	63	6.8	192	20.8	93	10.1
Zamboanga Sibugay	35	5.4	142	22.0	45	7.0
Dapitan City	5	6.0	25	30.0	10	12.0
Dipolog City	12	8.9	41	30.5	15	11.1
City of Isabela	4	3.4	16	13.7	4	3.4
Pagadian City	17	7.8	38	17.4	52	23.8
Zamboanga City	82	9.5	282	32.7	44	5.1
REGION X - NORTHERN MINDANAO	282	5.8	1,130	23.2	389	8.0
Bukidnon	54	4.9	167	15.3	63	5.8
Camiguin	6	6.7	18	20.0	6	6.7
Lanao del Norte	37	5.2	171	24.2	59	8.3
Misamis Occidental	11	3.3	95	28.4	37	11.1
Misamis Oriental	44	5.6	161	20.3	40	5.0
City of Malaybalay	15	8.7	30	17.4	14	8.1
City of Valencia	15	7.4	33	16.2	8	3.9
Iligan City	20	5.8	105	30.2	52	15.0
Oroquieta City	4	5.3	28	37.3	12	16.0
Ozamis City	15	10.3	59	40.4	15	10.3
Tangub City	5	7.5	34	50.7	8	11.9
Cagayan de Oro City	42	5.9	207	29.3	53	7.5
Gingoog City	14	10.9	22	17.2	22	17.2
REGION XI - DAVAO	207	4.1	1,217	24.2	319	6.3
Compostela Valley	24	3.2	207	27.2	56	7.4
Davao	36	7.3	113	22.8	41	8.3
Davao Del Sur	18	4.0	97	21.3	42	9.2
Davao Oriental	19	4.5	81	19.0	39	9.1
Davao Occidental	10	3.1	25	7.8	6	1.9
City of Panabo	12	5.9	33	16.2	16	7.8
Island Garden City of Samal	2	1.9	26	24.9	7	6.7
City of Tagum	11	3.8	99	34.0	34	11.7
Davao City	62	3.7	452	27.1	50	3.0
City of Digos	7	4.2	51	30.6	12	7.2
City of Mati	6	4.3	33	23.6	16	11.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	209	4.4	908	19.0	395	8.3
Cotabato	52	4.1	211	16.5	110	8.6
Saranggani	24	4.3	85	15.2	24	4.3
South Cotabato	31	4.2	154	20.6	92	12.3
Sultan Kudarat	20	2.6	93	12.1	22	2.9
Cotabato City	15	4.1	40	10.8	10	2.7
City of Kidapawan	5	3.5	42	29.7	28	19.8
General Santos City	45	7.1	188	29.8	58	9.2
City of Koronadal	16	9.2	59	33.9	35	20.1
City of Tacurong	1	1.0	36	37.3	16	16.6
REGION XIII - CARAGA	157	5.9	741	27.9	301	11.3
Agusan del Norte	21	7.4	84	29.4	24	8.4
Agusan del Sur	29	4.7	112	18.0	24	3.9
Surigao del Norte	23	6.9	117	35.0	46	13.8
Surigao del Sur	17	3.8	146	32.6	61	13.6
Dinagat Island	8	5.7	34	24.2	27	19.2
Butuan City	27	8.0	82	24.2	56	16.5
City of Cabadbaran	4	5.0	18	22.7	9	11.3
City of Bayugan	2	2.0	20	19.5	12	11.7
Surigao City	13	8.4	81	52.1	32	20.6
City of Bislig	10	10.5	27	28.4	7	7.4
City of Tandag	3	5.2	20	35.0	3	5.2
ARMM	82	2.3	159	4.5	51	1.4
Basilan	6	2.5	8	3.3	-	0.0
Lanao del Sur	12	1.5	26	3.3	16	2.0
Maguindanao	37	3.5	54	5.2	17	1.6
Sulu	18	2.3	29	3.7	12	1.5
Tawi-tawi	4	1.0	4	1.0	-	0.0
City of Lamitan	3	3.9	21	27.6	5	6.6
Marawi City	2	0.9	17	7.3	1	0.4
FOREIGN COUNTRY	2	~	4	~	5	~

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Rabies (A82)		Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94; A96-A99)		HIV Disease (B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	229	0.2	1,942	1.9	349	0.3
NATIONAL CAPITAL REGION	10	0.1	132	1.0	178	1.3
City of Manila	1	0.1	15	0.9	39	2.3
City of Mandaluyong	-	0.0	9	2.5	5	1.4
City of Marikina	2	0.4	3	0.7	3	0.7
City of Pasig	-	0.0	11	1.4	6	0.8
Quezon City	5	0.2	29	0.9	33	1.0
San Juan	-	0.0	2	1.6	-	0.0
Kalookan City	-	0.0	10	0.6	18	1.0
City of Malabon	-	0.0	1	0.3	3	0.8
Navotas	-	0.0	1	0.4	6	2.3
City of Valenzuela	-	0.0	6	0.9	17	2.7
City of Las Piñas	-	0.0	3	0.5	6	1.0
City of Makati	1	0.2	15	2.7	13	2.3
City of Muntinlupa	-	0.0	7	1.5	8	1.7
City of Parañaque	1	0.1	7	1.0	7	1.0
Pasay City	-	0.0	3	0.7	9	2.2
Pateros	-	0.0	-	0.0	-	0.0
City of Taguig	-	0.0	10	1.3	5	0.6
CORDILLERA ADMINISTRATIVE REGION	4	0.2	39	2.2	-	0.0
Abra	3	1.2	3	1.2	-	0.0
Apayao	-	0.0	3	2.4	-	0.0
Benguet	1	0.2	11	2.4	-	0.0
Ifugao	-	0.0	4	1.9	-	0.0
Kalinga	-	0.0	5	2.3	-	0.0
Mt. Province	-	0.0	2	1.2	-	0.0
Baguio City	-	0.0	11	3.0	-	0.0
REGION I - ILOCOS	17	0.3	58	1.1	13	0.3
Ilocos Norte	-	0.0	-	0.0	1	0.2
Ilocos Sur	-	0.0	11	1.9	3	0.5
La Union	-	0.0	7	1.0	3	0.4
Pangasinan	14	0.6	26	1.1	3	0.1
City of Batac	-	0.0	-	0.0	1	1.7
Laoag City	-	0.0	-	0.0	-	0.0
City of Candon	-	0.0	-	0.0	-	0.0
City of Vigan	-	0.0	-	0.0	1	1.9
City of San Fernando	-	0.0	-	0.0	-	0.0
City of Alaminos	1	1.1	2	2.2	-	0.0
Dagupan City	2	1.1	10	5.3	-	0.0
San Carlos City	-	0.0	1	0.5	1	0.5
City of Urdaneta	-	0.0	1	0.7	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Rabies (A82)		Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94; A96-A99)		HIV Disease (B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	15	0.4	41	1.2	2	0.1
Batanes	-	0.0	-	0.0	-	0.0
Cagayan	6	0.6	6	0.6	1	0.1
Isabela	1	0.1	13	1.1	-	0.0
Nueva Vizcaya	4	0.9	8	1.7	1	0.2
Quirino	4	2.0	1	0.5	-	0.0
Tuguegarao City	-	0.0	8	5.3	-	0.0
City of Cauayan	-	0.0	1	0.7	-	0.0
Iligan City	-	0.0	1	0.7	-	0.0
City of Santiago	-	0.0	3	2.0	-	0.0
REGION III - CENTRAL LUZON	39	0.3	90	0.8	29	0.3
Aurora	-	0.0	-	0.0	1	0.5
Bataan	3	0.4	12	1.8	1	0.1
Bulacan	9	0.4	17	0.7	11	0.5
Nueva Ecija	2	0.1	7	0.5	1	0.1
Pampanga	3	0.2	18	1.0	2	0.1
Tarlac	6	0.6	3	0.3	-	0.0
Zambales	3	0.5	4	0.7	-	0.0
City of Balanga	-	0.0	-	0.0	1	1.0
City of Malolos	4	1.4	3	1.1	1	0.4
City of Meycauayan	-	0.0	-	0.0	3	1.3
City of San Jose Del Monte	1	0.2	2	0.4	5	0.9
Cabanatuan City	-	0.0	1	0.3	-	0.0
City of Gapan	1	0.9	-	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	0.7	3	2.1	1	0.7
Angeles City	-	0.0	6	1.6	2	0.5
Mabalacat City	2	0.8	4	1.6	-	0.0
City of San Fernando	-	0.0	2	0.6	-	0.0
City of Tarlac	1	0.3	4	1.1	-	0.0
Olangapo City	3	1.3	4	1.7	-	0.0
REGION IVA - CALABARZON	31	0.2	209	1.4	57	0.4
Batangas	5	0.3	19	1.0	-	0.0
Cavite	1	0.1	15	1.1	6	0.4
Laguna	2	0.2	15	1.5	-	0.0
Quezon	6	0.3	36	2.0	1	0.1
Rizal	6	0.3	38	1.7	13	0.6
Batangas City	-	0.0	7	2.0	-	0.0
Lipa City	-	0.0	5	1.5	-	0.0
City of Tanauan	-	0.0	4	2.3	-	0.0
Bacoor City	-	0.0	7	1.0	3	0.4
Cavite City	-	0.0	1	1.0	2	2.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Rabies (A82)		Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94; A96-A99)		HIV Disease (B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	-	0.0	4	0.6	4	0.6
City of General Trias	1	0.3	4	1.0	2	0.5
Imus City	1	0.3	-	0.0	8	2.1
Tagaytay City	-	0.0	1	1.4	-	0.0
Trece Martires City	-	0.0	1	0.6	1	0.6
City of Biñan	-	0.0	4	1.2	-	0.0
Cabuyao City	1	0.2	4	1.0	1	0.2
City of Calamba	1	0.2	4	0.9	-	0.0
San Pablo City	-	0.0	6	2.2	1	0.4
City of San Pedro	1	0.3	4	1.2	2	0.6
City of Santa Rosa	2	0.6	9	2.5	5	1.4
Lucena City	-	0.0	1	0.4	1	0.4
City of Tayabas	-	0.0	-	0.0	-	0.0
City of Antipolo	4	0.5	20	2.4	7	0.8
REGION IVB - MIMAROPA	8	0.3	34	1.1	2	0.1
Marinduque	-	0.0	5	2.1	-	0.0
Occidental Mindoro	1	0.2	7	1.4	2	0.4
Oriental Mindoro	4	0.6	11	1.5	-	0.0
Palawan	-	0.0	8	0.9	-	0.0
Romblon	3	1.0	1	0.3	-	0.0
Calapan City	-	0.0	2	1.5	-	0.0
Puerto Princesa City	-	0.0	-	0.0	-	0.0
REGION V - BICOL	16	0.3	44	0.7	4	0.1
Albay	2	0.2	4	0.5	1	0.1
Camarines Norte	4	0.7	2	0.3	1	0.2
Camarines Sur	7	0.4	12	0.7	1	0.1
Catanduanes	-	0.0	2	0.7	-	0.0
Masbate	2	0.2	13	1.6	-	0.0
Sorsogon	1	0.2	5	0.8	-	0.0
Legazpi City	-	0.0	1	0.5	-	0.0
City of Ligao	-	0.0	-	0.0	1	0.9
City of Tabaco	-	0.0	-	0.0	-	0.0
Iriga City	-	0.0	1	0.8	-	0.0
Naga City	-	0.0	1	0.5	-	0.0
City of Masbate	-	0.0	1	1.1	-	0.0
City of Sorsogon	-	0.0	2	1.0	-	0.0
REGION VI - WESTERN VISAYAS	11	0.1	119	1.5	5	0.1
Aklan	1	0.2	2	0.3	2	0.3
Antique	2	0.3	9	1.5	-	0.0
Capiz	2	0.3	8	1.4	-	0.0
Guimaras	-	0.0	-	0.0	-	0.0
Iloilo	1	0.1	25	1.3	1	0.1
Negros Occidental	2	0.2	13	1.2	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
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Philippines, 2016

AREA	Rabies (A82)		Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94; A96-A99)		HIV Disease (B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	2	1.1	2	1.1	1	0.6
Iloilo City	-	0.0	8	1.7	1	0.2
City of Passi	-	0.0	-	0.0	-	0.0
Bacolod City	-	0.0	20	3.5	-	0.0
Bago City	-	0.0	2	1.1	-	0.0
Cadiz City	-	0.0	4	2.5	-	0.0
City of Escalante	-	0.0	-	0.0	-	0.0
City of Himamaylan	-	0.0	-	0.0	-	0.0
City of Kabankalan	-	0.0	1	0.6	-	0.0
La Carlota City	-	0.0	1	1.5	-	0.0
Sagay City	1	0.7	3	2.0	-	0.0
San Carlos City	-	0.0	6	4.4	-	0.0
Silay City	-	0.0	8	6.2	-	0.0
City of Sipalay	-	0.0	3	4.2	-	0.0
City of Talisay	-	0.0	3	2.7	-	0.0
City of Victorias	-	0.0	1	1.1	-	0.0
REGION VII - CENTRAL VISAYAS	13	0.2	400	5.3	24	0.3
Bohol	1	0.1	20	1.6	3	0.2
Cebu	2	0.1	125	6.1	6	0.3
Negros Oriental	2	0.2	19	2.3	2	0.2
Siquijor	-	0.0	3	3.1	-	0.0
Tagbilaran City	1	0.9	5	4.5	1	0.9
City of Bogu	-	0.0	11	15.4	-	0.0
City of Carcar	-	0.0	11	9.5	-	0.0
Cebu City	3	0.3	66	6.6	6	0.6
Danao City	-	0.0	14	10.8	2	1.5
Lapu-Lapu City	1	0.2	33	6.8	2	0.4
Mandaue City	-	0.0	33	8.3	-	0.0
City of Naga	-	0.0	10	8.8	-	0.0
City of Talisay	1	0.4	22	9.4	1	0.4
Toledo City	1	0.6	10	6.2	-	0.0
Bais City	1	1.3	8	10.2	-	0.0
City of Bayawan	-	0.0	3	2.5	-	0.0
Canlaon City	-	0.0	-	0.0	-	0.0
Dumaguete City	-	0.0	2	1.5	1	0.7
City of Guihulngan	-	0.0	2	2.0	-	0.0
City of Tanjay	-	0.0	3	3.5	-	0.0
REGION VIII - EASTERN VISAYAS	10	0.2	47	1.1	6	0.1
Biliran	-	0.0	1	0.6	-	0.0
Eastern Samar	-	0.0	4	1.0	-	0.0
Leyte	6	0.4	15	1.1	-	0.0
Northern Samar	1	0.2	4	0.6	1	0.2
Samar	-	0.0	2	0.4	-	0.0
Southern Leyte	-	0.0	2	0.6	1	0.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Rabies (A82)		Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94; A96-A99)		HIV Disease (B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	-	0.0	2	2.9	1	1.4
City of Baybay	-	0.0	1	0.9	1	0.9
Ormoc City	1	0.5	5	2.3	-	0.0
Tacloban City	-	0.0	6	2.4	2	0.8
Calbayog City	1	0.5	1	0.5	-	0.0
City of Catbalogan	-	0.0	1	1.0	-	0.0
City of Maasin	1	1.1	3	3.4	-	0.0
REGION IX - ZAMBOANGA PENINSULA	10	0.3	61	1.6	2	0.1
Zamboanga Del Norte	1	0.1	5	0.6	-	0.0
Zamboanga Del Sur	6	0.7	16	1.7	1	0.1
Zamboanga Sibugay	2	0.3	8	1.2	-	0.0
Dapitan City	-	0.0	-	0.0	-	0.0
Dipolog City	-	0.0	3	2.2	-	0.0
City of Isabela	-	0.0	4	3.4	-	0.0
Pagadian City	1	0.5	4	1.8	-	0.0
Zamboanga City	-	0.0	21	2.4	1	0.1
REGION X - NORTHERN MINDANAO	19	0.4	148	3.0	-	0.0
Bukidnon	9	0.8	31	2.8	0	0.0
Camiguin	-	0.0	2	2.2	-	0.0
Lanao del Norte	2	0.3	17	2.4	-	0.0
Misamis Occidental	1	0.3	6	1.8	-	0.0
Misamis Oriental	1	0.1	21	2.7	-	0.0
City of Malaybalay	1	0.6	4	2.3	-	0.0
City of Valencia	1	0.5	5	2.5	-	0.0
Iligan City	2	0.6	26	7.5	-	0.0
Oroquieta City	1	1.3	-	0.0	-	0.0
Ozamis City	-	0.0	3	2.1	-	0.0
Tangub City	-	0.0	1	1.5	-	0.0
Cagayan de Oro City	1	0.1	28	4.0	-	0.0
Gingoog City	-	0.0	4	3.1	-	0.0
REGION XI - DAVAO	9	0.2	259	5.1	21	0.4
Compostela Valley	3	0.4	29	3.8	2	0.3
Davao	-	0.0	22	4.4	-	0.0
Davao Del Sur	1	0.2	12	2.6	5	1.1
Davao Oriental	1	0.2	21	4.9	-	0.0
Davao Occidental	-	0.0	2	0.6	2	0.6
City of Panabo	1	0.5	13	6.4	2	1.0
Island Garden City of Samal	-	0.0	8	7.7	1	1.0
City of Tagum	-	0.0	27	9.3	-	0.0
Davao City	3	0.2	108	6.5	8	0.5
City of Digos	-	0.0	9	5.4	1	0.6
City of Mati	-	0.0	8	5.7	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Rabies (A82)		Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94; A96-A99)		HIV Disease (B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	11	0.2	158	3.3	1	0.0
Cotabato	-	0.0	21	1.6	-	0.0
Saranggani	3	0.5	22	3.9	-	0.0
South Cotabato	3	0.4	29	3.9	-	0.0
Sultan Kudarat	1	0.1	15	2.0	1	0.1
Cotabato City	-	0.0	8	2.2	-	0.0
City of Kidapawan	-	0.0	8	5.7	-	0.0
General Santos City	2	0.3	38	6.0	-	0.0
City of Koronadal	2	1.1	11	6.3	-	0.0
City of Tacurong	-	0.0	6	6.2	-	0.0
REGION XIII - CARAGA	6	0.2	74	2.8	4	0.2
Agusan del Norte	-	0.0	17	6.0	-	0.0
Agusan del Sur	-	0.0	7	1.1	-	0.0
Surigao del Norte	1	0.3	11	3.3	2	0.6
Surigao del Sur	1	0.2	8	1.8	-	0.0
Dinagat Island	-	0.0	1	0.7	-	0.0
Butuan City	3	0.9	16	4.7	1	0.3
City of Cabadbaran	-	0.0	2	2.5	-	0.0
City of Bayugan	-	0.0	-	0.0	-	0.0
Surigao City	1	0.6	5	3.2	1	0.6
City of Bislig	-	0.0	3	3.2	-	0.0
City of Tandag	-	0.0	4	7.0	-	0.0
ARMM	-	0.0	28	0.8	1	0.0
Basilan	-	0.0	2	0.8	1	0.4
Lanao del Sur	-	0.0	4	0.5	-	0.0
Maguindanao	-	0.0	10	1.0	-	0.0
Sulu	-	0.0	4	0.5	-	0.0
Tawi-tawi	-	0.0	2	0.5	-	0.0
City of Lamitan	-	0.0	-	0.0	-	0.0
Marawi City	-	0.0	6	2.6	-	0.0
FOREIGN COUNTRY	-	~	1	~	-	~

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malaria (B50-B54)		Malignant Neoplasm (C00-C97)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	11	0.0	60,470	58.3	33,295	32.1
NATIONAL CAPITAL REGION	1	0.0	9,552	72.3	4,963	37.6
City of Manila	-	0.0	1,403	83.2	707	41.9
City of Mandaluyong	-	0.0	310	87.2	188	52.9
City of Marikina	-	0.0	436	97.5	219	49.0
City of Pasig	-	0.0	544	68.3	354	44.4
Quezon City	-	0.0	2,237	70.1	1,169	36.6
San Juan	-	0.0	134	108.7	42	34.1
Kalookan City	-	0.0	936	54.3	518	30.1
City of Malabon	-	0.0	277	76.3	140	38.6
Navotas	-	0.0	201	76.8	90	34.4
City of Valenzuela	-	0.0	482	75.3	202	31.6
City of Las Piñas	-	0.0	493	81.0	214	35.1
City of Makati	-	0.0	478	84.5	198	35.0
City of Muntinlupa	-	0.0	346	71.9	152	31.6
City of Parañaque	-	0.0	513	74.1	290	41.9
Pasay City	-	0.0	293	70.3	194	46.5
Pateros	-	0.0	62	90.3	34	49.5
City of Taguig	1	0.1	407	51.9	252	32.2
CORDILLERA ADMINISTRATIVE REGION	-	0.0	1,098	61.3	336	18.7
Abra	-	0.0	171	68.1	53	21.1
Apayao	-	0.0	71	57.7	12	9.7
Benguet	-	0.0	315	69.0	89	19.5
Ifugao	-	0.0	90	42.6	28	13.2
Kalinga	-	0.0	100	45.4	36	16.3
Mt. Province	-	0.0	111	68.2	23	14.1
Baguio City	-	0.0	240	65.4	95	25.9
REGION I - ILOCOS	-	0.0	3,902	76.3	1,986	38.8
Ilocos Norte	-	0.0	391	90.1	153	35.3
Ilocos Sur	-	0.0	478	81.7	172	29.4
La Union	-	0.0	517	76.7	208	30.8
Pangasinan	-	0.0	1,723	71.5	963	40.0
City of Batac	-	0.0	56	97.6	21	36.6
Laoag City	-	0.0	106	94.9	50	44.8
City of Candon	-	0.0	36	57.3	17	27.1
City of Vigan	-	0.0	57	108.1	23	43.6
City of San Fernando	-	0.0	124	100.5	52	42.1
City of Alaminos	-	0.0	63	67.9	48	51.7
Dagupan City	-	0.0	138	73.4	138	73.4
San Carlos City	-	0.0	134	70.9	83	43.9
City of Urdaneta	-	0.0	79	58.7	58	43.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malaria (B50-B54)		Malignant Neoplasm (C00-C97)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	-	0.0	2,136	60.8	715	20.4
Batanes	-	0.0	21	126.1	8	48.0
Cagayan	-	0.0	608	57.3	181	17.1
Isabela	-	0.0	727	60.6	222	18.5
Nueva Vizcaya	-	0.0	240	52.4	108	23.6
Quirino	-	0.0	109	55.5	36	18.3
Tuguegarao City	-	0.0	139	92.1	50	33.1
City of Cauayan	-	0.0	88	65.3	33	24.5
Ilagan City	-	0.0	94	64.8	37	25.5
City of Santiago	-	0.0	110	74.2	40	27.0
REGION III - CENTRAL LUZON	1	0.0	7,917	68.6	4,621	40.1
Aurora	-	0.0	85	38.7	48	21.8
Bataan	-	0.0	520	76.4	313	46.0
Bulacan	-	0.0	1,617	68.0	843	35.4
Nueva Ecija	-	0.0	912	61.9	487	33.1
Pampanga	-	0.0	1,236	71.7	750	43.5
Tarlac	-	0.0	579	54.7	323	30.5
Zambales	-	0.0	475	78.2	225	37.0
City of Balanga	-	0.0	87	87.1	47	47.0
City of Malolos	1	0.4	205	73.6	113	40.5
City of Meycauayan	-	0.0	153	68.6	105	47.1
City of San Jose Del Monte	-	0.0	345	61.2	151	26.8
Cabanatuan City	-	0.0	221	71.8	170	55.2
City of Gapan	-	0.0	103	94.0	55	50.2
Science City of Muñoz	-	0.0	42	51.2	32	39.0
Palayan City	-	0.0	18	43.5	15	36.3
San Jose City	-	0.0	102	70.8	41	28.5
Angeles City	-	0.0	327	88.9	220	59.8
Mabalacat City	-	0.0	183	74.0	157	63.5
City of San Fernando	-	0.0	219	65.9	175	52.7
City of Tarlac	-	0.0	276	77.3	232	65.0
Olangapo City	-	0.0	212	89.2	119	50.1
REGION IVA - CALABARZON	3	0.0	8,957	59.0	5,218	34.4
Batangas	2	0.1	1,272	68.5	707	38.1
Cavite	-	0.0	888	64.2	552	39.9
Laguna	-	0.0	686	66.9	478	46.6
Quezon	-	0.0	964	53.4	508	28.1
Rizal	-	0.0	1,248	54.6	740	32.4
Batangas City	-	0.0	218	63.1	132	38.2
Lipa City	-	0.0	236	71.5	102	30.9
City of Tanauan	-	0.0	120	67.6	86	48.5
Bacoar City	-	0.0	397	56.4	172	24.4
Cavite City	-	0.0	100	100.3	66	66.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malaria (B50-B54)		Malignant Neoplasm (C00-C97)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	-	0.0	393	54.1	250	34.4
City of General Trias	-	0.0	159	40.5	66	16.8
Imus City	-	0.0	305	79.3	165	42.9
Tagaytay City	-	0.0	53	72.1	24	32.7
Trece Martires City	-	0.0	55	30.6	34	18.9
City of Biñan	-	0.0	196	57.3	112	32.8
Cabuyao City	-	0.0	175	42.8	133	32.5
City of Calamba	-	0.0	173	37.2	123	26.5
San Pablo City	1	0.4	186	68.5	139	51.2
City of San Pedro	-	0.0	227	68.1	114	34.2
City of Santa Rosa	-	0.0	198	54.7	142	39.2
Lucena City	-	0.0	160	57.1	115	41.0
City of Tayabas	-	0.0	59	55.5	25	23.5
City of Antipolo	-	0.0	489	58.9	233	28.1
REGION IVB - MIMAROPA	3	0.1	1,435	46.9	768	25.1
Marinduque	-	0.0	142	60.8	70	30.0
Occidental Mindoro	-	0.0	227	45.2	117	23.3
Oriental Mindoro	-	0.0	335	46.7	204	28.4
Palawan	2	0.2	293	32.5	132	14.6
Romblon	-	0.0	166	56.2	115	38.9
Calapan City	-	0.0	105	77.2	60	44.1
Puerto Princesa City	1	0.4	167	61.9	70	26.0
REGION V - BICOL	1	0.0	2,687	45.4	1,683	28.4
Albay	-	0.0	418	47.6	218	24.8
Camarines Norte	-	0.0	251	42.4	176	29.7
Camarines Sur	1	0.1	733	43.4	445	26.3
Catanduanes	-	0.0	120	44.9	84	31.4
Masbate	-	0.0	250	30.2	156	18.8
Sorsogon	-	0.0	331	55.2	187	31.2
Legazpi City	-	0.0	117	58.7	62	31.1
City of Ligao	-	0.0	52	45.4	46	40.2
City of Tabaco	-	0.0	71	51.7	49	35.7
Iriga City	-	0.0	65	55.2	56	47.6
Naga City	-	0.0	126	62.3	91	45.0
City of Masbate	-	0.0	50	52.8	35	37.0
City of Sorsogon	-	0.0	103	51.0	78	38.6
REGION VI - WESTERN VISAYAS	-	0.0	4,981	64.7	2,516	32.7
Aklan	-	0.0	426	71.7	180	30.3
Antique	-	0.0	336	56.4	173	29.0
Capiz	-	0.0	420	71.8	156	26.7
Guimaras	-	0.0	125	70.4	47	26.5
Iloilo	-	0.0	1,284	68.1	581	30.8
Negros Occidental	-	0.0	483	44.7	268	24.8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malaria (B50-B54)		Malignant Neoplasm (C00-C97)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	-	0.0	131	73.9	73	41.2
Iloilo City	-	0.0	386	83.1	206	44.3
City of Passi	-	0.0	69	79.9	31	35.9
Bacolod City	-	0.0	455	79.9	327	57.4
Bago City	-	0.0	107	60.4	57	32.2
Cadiz City	-	0.0	77	49.0	60	38.2
City of Escalante	-	0.0	52	50.8	29	28.3
City of Himamaylan	-	0.0	72	63.9	25	22.2
City of Kabankalan	-	0.0	72	40.2	38	21.2
La Carlota City	-	0.0	48	69.9	33	48.0
Sagay City	-	0.0	88	59.7	35	23.7
San Carlos City	-	0.0	57	41.5	40	29.1
Silay City	-	0.0	113	87.2	42	32.4
City of Sipalay	-	0.0	39	55.2	19	26.9
City of Talisay	-	0.0	62	56.0	38	34.3
City of Victorias	-	0.0	79	85.6	58	62.8
REGION VII - CENTRAL VISAYAS	1	0.0	5,344	70.6	2,834	37.5
Bohol	1	0.1	823	67.5	488	40.0
Cebu	-	0.0	1,446	70.9	624	30.6
Negros Oriental	-	0.0	544	66.5	234	28.6
Siquijor	-	0.0	115	118.3	48	49.4
Tagbilaran City	-	0.0	86	78.2	73	66.4
City of Bogu	-	0.0	83	116.4	28	39.3
City of Carcar	-	0.0	83	71.5	54	46.5
Cebu City	-	0.0	863	86.2	516	51.5
Danao City	-	0.0	61	47.2	47	36.4
Lapu-Lapu City	-	0.0	241	49.6	157	32.3
Mandaue City	-	0.0	242	61.0	135	34.0
City of Naga	-	0.0	76	67.0	54	47.6
City of Talisay	-	0.0	169	72.3	98	41.9
Toledo City	-	0.0	105	64.9	60	37.1
Bais City	-	0.0	57	72.4	25	31.7
City of Bayawan	-	0.0	67	54.9	25	20.5
Canlaon City	-	0.0	23	43.3	11	20.7
Dumaguete City	-	0.0	156	116.9	92	69.0
City of Guihulngan	-	0.0	40	40.3	15	15.1
City of Tanjay	-	0.0	64	75.5	50	59.0
REGION VIII - EASTERN VISAYAS	-	0.0	2,005	45.3	1,279	28.9
Biliran	-	0.0	103	58.4	73	41.4
Eastern Samar	-	0.0	124	31.4	99	25.0
Leyte	-	0.0	710	52.9	404	30.1
Northern Samar	-	0.0	169	26.0	116	17.8
Samar	-	0.0	139	27.6	73	14.5
Southern Leyte	-	0.0	195	57.9	154	45.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malaria (B50-B54)		Malignant Neoplasm (C00-C97)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	-	0.0	28	40.4	28	40.4
City of Baybay	-	0.0	72	67.3	64	59.8
Ormoc City	-	0.0	116	53.4	97	44.7
Tacloban City	-	0.0	129	51.2	69	27.4
Calbayog City	-	0.0	98	51.5	50	26.3
City of Catbalogan	-	0.0	51	50.6	20	19.8
City of Maasin	-	0.0	71	80.7	32	36.4
REGION IX - ZAMBOANGA PENINSULA	-	0.0	1,730	45.4	965	25.3
Zamboanga Del Norte	-	0.0	383	46.0	162	19.5
Zamboanga Del Sur	-	0.0	296	32.1	180	19.5
Zamboanga Sibugay	-	0.0	208	32.3	104	16.1
Dapitan City	-	0.0	74	88.7	43	51.6
Dipolog City	-	0.0	112	83.2	61	45.3
City of Isabela	-	0.0	35	29.9	16	13.7
Pagadian City	-	0.0	106	48.4	71	32.4
Zamboanga City	-	0.0	516	59.9	328	38.1
REGION X - NORTHERN MINDANAO	-	0.0	2,436	50.1	1,501	30.9
Bukidnon	-	0.0	359	32.8	169	15.4
Camiguin	-	0.0	47	52.1	48	53.2
Lanao del Norte	-	0.0	242	34.2	133	18.8
Misamis Occidental	-	0.0	229	68.4	155	46.3
Misamis Oriental	-	0.0	427	53.9	247	31.2
City of Malaybalay	-	0.0	101	58.7	42	24.4
City of Valencia	-	0.0	107	52.7	56	27.6
Iligan City	-	0.0	218	62.8	169	48.7
Oroquieta City	-	0.0	56	74.6	39	52.0
Ozamis City	-	0.0	82	56.1	75	51.3
Tangub City	-	0.0	34	50.7	21	31.3
Cagayan de Oro City	-	0.0	455	64.3	295	41.7
Gingoog City	-	0.0	79	61.8	52	40.7
REGION XI - DAVAO	-	0.0	2,785	55.3	1,716	34.1
Compostela Valley	-	0.0	280	36.8	185	24.3
Davao	-	0.0	218	44.0	149	30.1
Davao Del Sur	-	0.0	290	63.8	149	32.8
Davao Oriental	-	0.0	204	47.9	120	28.1
Davao Occidental	-	0.0	63	19.7	37	11.6
City of Panabo	-	0.0	105	51.4	103	50.5
Island Garden City of Samal	-	0.0	77	73.6	41	39.2
City of Tagum	-	0.0	196	67.4	110	37.8
Davao City	-	0.0	1,197	71.7	689	41.3
City of Digos	-	0.0	99	59.4	73	43.8
City of Mati	-	0.0	56	40.0	60	42.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malaria (B50-B54)		Malignant Neoplasm (C00-C97)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	1	0.0	1,897	39.8	1,233	25.9
Cotabato	-	0.0	491	38.3	264	20.6
Saranggani	-	0.0	174	31.1	93	16.6
South Cotabato	-	0.0	351	47.1	215	28.8
Sultan Kudarat	-	0.0	229	29.8	144	18.8
Cotabato City	-	0.0	71	19.2	48	13.0
City of Kidapawan	-	0.0	97	68.6	40	28.3
General Santos City	1	0.2	325	51.5	302	47.8
City of Koronadal	-	0.0	106	60.8	80	45.9
City of Tacurong	-	0.0	53	54.9	47	48.6
REGION XIII - CARAGA	-	0.0	1,323	49.8	812	30.6
Agusan del Norte	-	0.0	136	47.7	94	33.0
Agusan del Sur	-	0.0	177	28.5	90	14.5
Surigao del Norte	-	0.0	169	50.6	102	30.5
Surigao del Sur	-	0.0	214	47.8	167	37.3
Dinagat Island	-	0.0	65	46.2	26	18.5
Butuan City	-	0.0	230	67.9	160	47.3
City of Cabadbaran	-	0.0	57	71.8	25	31.5
City of Bayugan	-	0.0	45	43.9	24	23.4
Surigao City	-	0.0	133	85.5	75	48.2
City of Bislig	-	0.0	61	64.1	19	20.0
City of Tandag	-	0.0	36	62.9	30	52.4
ARMM	-	0.0	218	6.1	121	3.4
Basilan	-	0.0	11	4.6	3	1.3
Lanao del Sur	-	0.0	46	5.8	26	3.3
Maguindanao	-	0.0	74	7.1	34	3.3
Sulu	-	0.0	34	4.3	17	2.2
Tawi-tawi	-	0.0	15	3.8	9	2.3
City of Lamitan	-	0.0	16	21.0	17	22.3
Marawi City	-	0.0	22	9.4	15	6.4
FOREIGN COUNTRY	-	~	67	~	28	~

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malnutrition (E40-E46)		Diseases of the Heart (I00- I13, I20-I51)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	3,218	3.1	138,230	133.3	60,277	58.1
NATIONAL CAPITAL REGION	263	2.0	20,487	155.1	7,014	53.1
City of Manila	32	1.9	3,372	199.9	1,048	62.1
City of Mandaluyong	20	5.6	556	156.4	243	68.3
City of Marikina	13	2.9	870	194.6	292	65.3
City of Pasig	14	1.8	1,080	135.5	382	47.9
Quezon City	46	1.4	3,872	121.3	1,855	58.1
San Juan	3	2.4	271	219.8	51	41.4
Kalookan City	23	1.3	2,818	163.6	770	44.7
City of Malabon	5	1.4	757	208.6	167	46.0
Navotas	8	3.1	529	202.2	124	47.4
City of Valenzuela	16	2.5	1,150	179.7	256	40.0
City of Las Piñas	5	0.8	860	141.3	321	52.7
City of Makati	39	6.9	966	170.7	353	62.4
City of Muntinlupa	6	1.2	750	155.8	300	62.3
City of Parañaque	3	0.4	945	136.5	217	31.3
Pasay City	5	1.2	744	178.4	170	40.8
Pateros	5	7.3	129	187.9	47	68.5
City of Taguig	20	2.6	818	104.4	418	53.3
CORDILLERA ADMINISTRATIVE REGION	46	2.6	1,778	99.2	1,087	60.7
Abra	7	2.8	290	115.5	261	103.9
Apayao	3	2.4	87	70.7	47	38.2
Benguet	6	1.3	447	98.0	273	59.8
Ifugao	11	5.2	202	95.6	111	52.5
Kalinga	4	1.8	136	61.7	108	49.0
Mt. Province	2	1.2	181	111.2	121	74.3
Baguio City	13	3.5	435	118.5	166	45.2
REGION I - ILOCOS	129	2.5	8,305	162.4	3,980	77.8
Ilocos Norte	17	3.9	583	134.4	386	89.0
Ilocos Sur	25	4.3	835	142.7	395	67.5
La Union	17	2.5	1,042	154.5	527	78.2
Pangasinan	42	1.7	4,186	173.8	1,834	76.2
City of Batac	-	0.0	161	280.5	37	64.5
Laoag City	-	0.0	179	160.3	96	86.0
City of Candon	1	1.6	186	296.2	44	70.1
City of Vigan	1	1.9	81	153.7	44	83.5
City of San Fernando	-	0.0	153	123.9	78	63.2
City of Alaminos	2	2.2	184	198.2	91	98.0
Dagupan City	1	0.5	242	128.8	185	98.5
San Carlos City	22	11.6	264	139.8	130	68.8
City of Urdaneta	1	0.7	209	155.4	133	98.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malnutrition (E40-E46)		Diseases of the Heart (I00- I13, I20-I51)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	160	4.6	4,776	136.0	2,132	60.7
Batanes	6	36.0	27	162.1	12	72.0
Cagayan	89	8.4	1,575	148.4	668	62.9
Isabela	44	3.7	1,477	123.2	639	53.3
Nueva Vizcaya	10	2.2	529	115.5	330	72.0
Quirino	3	1.5	185	94.2	79	40.2
Tuguegarao City	2	1.3	401	265.6	156	103.3
City of Cauayan	3	2.2	179	132.7	98	72.7
Ilagan City	1	0.7	158	108.9	88	60.7
City of Santiago	2	1.3	245	165.2	62	41.8
REGION III - CENTRAL LUZON	380	3.3	18,468	160.1	7,464	64.7
Aurora	1	0.5	222	101.0	172	78.3
Bataan	31	4.6	965	141.8	341	50.1
Bulacan	49	2.1	3,724	156.5	1,482	62.3
Nueva Ecija	27	1.8	2,485	168.7	1,194	81.0
Pampanga	53	3.1	2,645	153.5	1,023	59.4
Tarlac	25	2.4	1,509	142.6	611	57.8
Zambales	20	3.3	934	153.7	375	61.7
City of Balanga	1	1.0	178	178.2	24	24.0
City of Malolos	6	2.2	531	190.5	146	52.4
City of Meycauayan	3	1.3	409	183.3	86	38.5
City of San Jose Del Monte	22	3.9	838	148.7	357	63.4
Cabanatuan City	17	5.5	445	144.5	295	95.8
City of Gapan	4	3.6	202	184.3	101	92.2
Science City of Muñoz	16	19.5	99	120.6	54	65.8
Palayan City	-	0.0	52	125.8	32	77.4
San Jose City	18	12.5	280	194.3	107	74.2
Angeles City	15	4.1	573	155.9	194	52.8
Mabalacat City	9	3.6	394	159.4	118	47.7
City of San Fernando	5	1.5	575	173.0	163	49.0
City of Tarlac	55	15.4	1,007	281.9	432	121.0
Olangapo City	3	1.3	401	168.8	157	66.1
REGION IVA - CALABARZON	541	3.6	21,752	143.4	8,284	54.6
Batangas	63	3.4	2,685	144.5	1,065	57.3
Cavite	37	2.7	2,201	159.0	641	46.3
Laguna	68	6.6	1,666	162.5	748	72.9
Quezon	93	5.1	2,657	147.1	1,377	76.2
Rizal	57	2.5	3,133	137.0	1,189	52.0
Batangas City	16	4.6	385	111.5	173	50.1
Lipa City	2	0.6	478	144.7	184	55.7
City of Tanauan	6	3.4	239	134.7	106	59.7
Bacoor City	10	1.4	914	129.7	232	32.9
Cavite City	11	11.0	310	310.9	56	56.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malnutrition (E40-E46)		Diseases of the Heart (I00- I13, I20-I51)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	10	1.4	772	106.3	332	45.7
City of General Trias	26	6.6	513	130.7	56	14.3
Imus City	4	1.0	700	182.1	137	35.6
Tagaytay City	4	5.4	113	153.8	35	47.6
Trece Martires City	12	6.7	174	96.7	62	34.5
City of Biñan	-	0.0	435	127.2	255	74.6
Cabuyao City	5	1.2	391	95.6	125	30.6
City of Calamba	4	0.9	659	141.8	176	37.9
San Pablo City	80	29.5	421	155.0	219	80.6
City of San Pedro	4	1.2	828	248.4	95	28.5
City of Santa Rosa	10	2.8	361	99.7	201	55.5
Lucena City	3	1.1	472	168.4	190	67.8
City of Tayabas	1	0.9	164	154.4	127	119.6
City of Antipolo	15	1.8	1,081	130.3	503	60.6
REGION IVB - MIMAROPA	129	4.2	3,286	107.5	1,717	56.2
Marinduque	22	9.4	341	146.1	258	110.5
Occidental Mindoro	30	6.0	546	108.7	236	47.0
Oriental Mindoro	30	4.2	795	110.8	391	54.5
Palawan	11	1.2	691	76.5	350	38.8
Romblon	22	7.4	381	129.0	243	82.3
Calapan City	7	5.1	208	153.0	95	69.9
Puerto Princesa City	7	2.6	324	120.1	144	53.4
REGION V - BICOL	285	4.8	8,913	150.5	4,529	76.5
Albay	57	6.5	1,516	172.8	746	85.0
Camarines Norte	19	3.2	934	157.8	456	77.0
Camarines Sur	92	5.4	2,653	157.0	1,127	66.7
Catanduanes	20	7.5	357	133.6	274	102.6
Masbate	9	1.1	773	93.4	493	59.5
Sorsogon	25	4.2	869	145.0	567	94.6
Legazpi City	5	2.5	369	185.3	220	110.5
City of Ligao	4	3.5	194	169.4	85	74.2
City of Tabaco	14	10.2	217	158.1	115	83.8
Iriga City	5	4.2	290	246.4	91	77.3
Naga City	10	4.9	339	167.7	154	76.2
City of Masbate	18	19.0	121	127.8	75	79.2
City of Sorsogon	7	3.5	281	139.2	126	62.4
REGION VI - WESTERN VISAYAS	378	4.9	10,862	141.0	4,188	54.4
Aklan	17	2.9	815	137.1	327	55.0
Antique	51	8.6	758	127.2	371	62.3
Capiz	11	1.9	722	123.5	358	61.2
Guimaras	19	10.7	271	152.7	89	50.1
Iloilo	27	1.4	3,025	160.3	818	43.4
Negros Occidental	60	5.5	1,188	109.9	638	59.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malnutrition (E40-E46)		Diseases of the Heart (I00- I13, I20-I51)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	9	5.1	271	152.8	93	52.4
Iloilo City	5	1.1	716	154.1	404	86.9
City of Passi	1	1.2	126	146.0	45	52.1
Bacolod City	119	20.9	974	171.0	266	46.7
Bago City	4	2.3	241	136.0	88	49.7
Cadiz City	27	17.2	225	143.1	66	42.0
City of Escalante	2	2.0	153	149.4	59	57.6
City of Himamaylan	1	0.9	162	143.9	52	46.2
City of Kabankalan	-	0.0	189	105.5	115	64.2
La Carlota City	5	7.3	80	116.5	83	120.8
Sagay City	2	1.4	165	111.9	60	40.7
San Carlos City	2	1.5	261	190.1	68	49.5
Silay City	2	1.5	178	137.4	52	40.1
City of Sipalay	12	17.0	79	111.8	35	49.5
City of Talisay	1	0.9	107	96.7	54	48.8
City of Victorias	1	1.1	156	169.0	47	50.9
REGION VII - CENTRAL VISAYAS	213	2.8	10,847	143.4	4,891	64.6
Bohol	50	4.1	1,416	116.2	945	77.5
Cebu	53	2.6	3,202	156.9	1,520	74.5
Negros Oriental	21	2.6	995	121.5	482	58.9
Siquijor	1	1.0	155	159.5	88	90.6
Tagbilaran City	4	3.6	113	102.8	63	57.3
City of Bogu	-	0.0	130	182.3	36	50.5
City of Carcar	1	0.9	133	114.6	131	112.9
Cebu City	31	3.1	1,387	138.5	702	70.1
Danao City	2	1.5	327	253.0	54	41.8
Lapu-Lapu City	6	1.2	630	129.8	149	30.7
Mandaue City	5	1.3	505	127.3	181	45.6
City of Naga	6	5.3	224	197.6	83	73.2
City of Talisay	9	3.9	470	201.1	108	46.2
Toledo City	3	1.9	363	224.3	71	43.9
Bais City	3	3.8	129	163.8	40	50.8
City of Bayawan	5	4.1	58	47.5	65	53.2
Canlaon City	2	3.8	41	77.3	36	67.8
Dumaguete City	4	3.0	261	195.7	54	40.5
City of Guihulngan	1	1.0	142	143.0	52	52.4
City of Tanjay	6	7.1	166	195.8	31	36.6
REGION VIII - EASTERN VISAYAS	139	3.1	4,769	107.6	2,314	52.2
Biliran	2	1.1	259	146.9	78	44.2
Eastern Samar	2	0.5	318	80.5	137	34.7
Leyte	75	5.6	1,488	110.8	761	56.6
Northern Samar	24	3.7	719	110.6	438	67.4
Samar	4	0.8	337	66.8	193	38.3
Southern Leyte	15	4.5	394	117.0	267	79.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malnutrition (E40-E46)		Diseases of the Heart (I00- I13, I20-I51)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	-	0.0	58	83.7	15	21.6
City of Baybay	6	5.6	192	179.3	44	41.1
Ormoc City	8	3.7	253	116.5	99	45.6
Tacloban City	1	0.4	281	111.6	91	36.1
Calbayog City	1	0.5	232	122.0	82	43.1
City of Catbalogan	1	1.0	90	89.2	72	71.4
City of Maasin	-	0.0	148	168.3	37	42.1
REGION IX - ZAMBOANGA PENINSULA	75	2.0	4,129	108.3	1,778	46.6
Zamboanga Del Norte	14	1.7	784	94.2	487	58.5
Zamboanga Del Sur	14	1.5	695	75.4	318	34.5
Zamboanga Sibugay	19	2.9	519	80.5	259	40.2
Dapitan City	1	1.2	137	164.3	75	89.9
Dipolog City	5	3.7	145	107.7	97	72.0
City of Isabela	2	1.7	182	155.6	52	44.4
Pagadian City	6	2.7	210	96.0	111	50.7
Zamboanga City	14	1.6	1,457	169.1	379	44.0
REGION X - NORTHERN MINDANAO	182	3.7	6,064	124.6	2,422	49.8
Bukidnon	15	1.4	1,021	93.3	454	41.5
Camiguin	1	1.1	129	143.1	61	67.7
Lanao del Norte	49	6.9	427	60.4	220	31.1
Misamis Occidental	13	3.9	475	141.9	244	72.9
Misamis Oriental	40	5.0	1,160	146.4	448	56.5
City of Malaybalay	6	3.5	244	141.7	82	47.6
City of Valencia	-	0.0	209	102.9	118	58.1
Iligan City	15	4.3	626	180.2	195	56.1
Oroquieta City	5	6.7	136	181.3	60	80.0
Ozamis City	10	6.8	215	147.1	130	89.0
Tangub City	5	7.5	60	89.5	17	25.4
Cagayan de Oro City	18	2.5	1,084	153.2	324	45.8
Gingoog City	5	3.9	278	217.3	69	53.9
REGION XI - DAVAO	93	1.8	5,682	112.9	4,197	83.4
Compostela Valley	17	2.2	783	102.8	417	54.8
Davao	10	2.0	609	123.0	233	47.1
Davao Del Sur	8	1.8	716	157.5	365	80.3
Davao Oriental	14	3.3	323	75.8	305	71.5
Davao Occidental	-	0.0	263	82.1	53	16.6
City of Panabo	2	1.0	205	100.4	153	75.0
Island Garden City of Samal	4	3.8	221	211.4	99	94.7
City of Tagum	2	0.7	434	149.1	205	70.4
Davao City	33	2.0	1,652	99.0	2,191	131.3
City of Digos	2	1.2	260	155.9	99	59.4
City of Mati	1	0.7	216	154.3	77	55.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Malnutrition (E40-E46)		Diseases of the Heart (I00- I13, I20-I51)		Cerebro Vascular Disease (I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	114	2.4	4,530	95.0	2,340	49.1
Cotabato	10	0.8	941	73.5	661	51.6
Saranggani	4	0.7	604	107.8	305	54.4
South Cotabato	23	3.1	1,122	150.4	381	51.1
Sultan Kudarat	17	2.2	562	73.2	335	43.7
Cotabato City	5	1.4	233	63.0	71	19.2
City of Kidapawan	11	7.8	168	118.8	113	79.9
General Santos City	40	6.3	544	86.1	307	48.6
City of Koronadal	1	0.6	230	132.0	106	60.8
City of Tacurong	3	3.1	126	130.4	61	63.1
REGION XIII - CARAGA	70	2.6	2,669	100.4	1,617	60.8
Agusan del Norte	11	3.9	314	110.1	185	64.9
Agusan del Sur	9	1.4	446	71.8	249	40.1
Surigao del Norte	22	6.6	354	105.9	207	61.9
Surigao del Sur	9	2.0	380	84.8	279	62.3
Dinagat Island	3	2.1	162	115.2	62	44.1
Butuan City	1	0.3	346	102.2	282	83.3
City of Cabadbaran	1	1.3	82	103.4	61	76.9
City of Bayugan	4	3.9	121	118.0	73	71.2
Surigao City	3	1.9	265	170.3	99	63.6
City of Bislig	-	0.0	115	120.8	93	97.7
City of Tandag	7	12.2	84	146.8	27	47.2
ARMM	20	0.6	763	21.4	304	8.5
Basilan	1	0.4	43	18.0	11	4.6
Lanao del Sur	4	0.5	133	16.8	78	9.9
Maguindanao	6	0.6	264	25.3	89	8.5
Sulu	1	0.1	115	14.6	57	7.3
Tawi-tawi	-	0.0	31	7.8	28	7.1
City of Lamitan	5	6.6	112	146.9	19	24.9
Marawi City	3	1.3	65	27.9	22	9.4
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Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	57,809	55.7	24,365	23.5	5,537	5.3
NATIONAL CAPITAL REGION	8,604	65.2	2,592	19.6	289	2.2
City of Manila	1,938	114.9	311	18.4	25	1.5
City of Mandaluyong	207	58.2	70	19.7	9	2.5
City of Marikina	242	54.1	127	28.4	11	2.5
City of Pasig	294	36.9	109	13.7	9	1.1
Quezon City	2,101	65.8	539	16.9	88	2.8
San Juan	63	51.1	24	19.5	3	2.4
Kalookan City	1,232	71.5	322	18.7	40	2.3
City of Malabon	279	76.9	76	20.9	16	4.4
Navotas	131	50.1	105	40.1	4	1.5
City of Valenzuela	486	76.0	107	16.7	18	2.8
City of Las Piñas	248	40.7	111	18.2	12	2.0
City of Makati	288	50.9	85	15.0	14	2.5
City of Muntinlupa	192	39.9	98	20.4	8	1.7
City of Parañaque	235	33.9	276	39.9	11	1.6
Pasay City	347	83.2	48	11.5	6	1.4
Pateros	20	29.1	20	29.1	3	4.4
City of Taguig	301	38.4	164	20.9	12	1.5
CORDILLERA ADMINISTRATIVE REGION	781	43.6	345	19.3	151	8.4
Abra	261	103.9	109	43.4	30	11.9
Apayao	59	47.9	22	17.9	13	10.6
Benguet	106	23.2	57	12.5	31	6.8
Ifugao	72	34.1	27	12.8	27	12.8
Kalinga	92	41.8	55	25.0	26	11.8
Mt. Province	100	61.4	22	13.5	13	8.0
Baguio City	91	24.8	53	14.4	11	3.0
REGION I - ILOCOS	3,966	77.6	1,832	35.8	363	7.1
Ilocos Norte	434	100.0	179	41.2	27	6.2
Ilocos Sur	574	98.1	204	34.9	36	6.2
La Union	440	65.3	239	35.4	50	7.4
Pangasinan	1,814	75.3	867	36.0	185	7.7
City of Batac	19	33.1	25	43.6	6	10.5
Laoag City	141	126.2	35	31.3	9	8.1
City of Candon	33	52.6	14	22.3	1	1.6
City of Vigan	24	45.5	17	32.3	5	9.5
City of San Fernando	137	111.0	45	36.5	4	3.2
City of Alaminos	60	64.6	36	38.8	7	7.5
Dagupan City	77	41.0	62	33.0	9	4.8
San Carlos City	111	58.8	56	29.7	12	6.4
City of Urdaneta	102	75.8	53	39.4	12	8.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	2,480	70.6	1,257	35.8	296	8.4
Batanes	13	78.0	7	42.0	4	24.0
Cagayan	878	82.7	408	38.4	123	11.6
Isabela	802	66.9	473	39.4	98	8.2
Nueva Vizcaya	252	55.0	163	35.6	24	5.2
Quirino	148	75.3	47	23.9	17	8.7
Tuguegarao City	69	45.7	51	33.8	10	6.6
City of Cauayan	97	71.9	35	26.0	6	4.4
Ilagan City	107	73.8	43	29.6	6	4.1
City of Santiago	114	76.9	30	20.2	8	5.4
REGION III - CENTRAL LUZON	4,988	43.2	3,567	30.9	364	3.2
Aurora	81	36.9	85	38.7	14	6.4
Bataan	337	49.5	217	31.9	15	2.2
Bulacan	920	38.7	661	27.8	53	2.2
Nueva Ecija	709	48.1	612	41.5	59	4.0
Pampanga	521	30.2	403	23.4	41	2.4
Tarlac	497	47.0	353	33.4	33	3.1
Zambales	370	60.9	194	31.9	24	4.0
City of Balanga	57	57.1	25	25.0	3	3.0
City of Malolos	109	39.1	47	16.9	6	2.2
City of Meycauayan	113	50.6	61	27.3	6	2.7
City of San Jose Del Monte	337	59.8	107	19.0	31	5.5
Cabanatuan City	86	27.9	137	44.5	4	1.3
City of Gapan	40	36.5	52	47.4	2	1.8
Science City of Muñoz	123	149.9	47	57.3	2	2.4
Palayan City	9	21.8	17	41.1	-	0.0
San Jose City	67	46.5	66	45.8	7	4.9
Angeles City	177	48.1	107	29.1	6	1.6
Mabalacat City	55	22.2	81	32.8	8	3.2
City of San Fernando	73	22.0	57	17.2	17	5.1
City of Tarlac	211	59.1	157	44.0	25	7.0
Olangapo City	96	40.4	81	34.1	8	3.4
REGION IVA - CALABARZON	6,582	43.4	3,172	20.9	373	2.5
Batangas	994	53.5	464	25.0	53	2.9
Cavite	709	51.2	348	25.1	31	2.2
Laguna	380	37.1	291	28.4	31	3.0
Quezon	914	50.6	397	22.0	57	3.2
Rizal	984	43.0	413	18.1	38	1.7
Batangas City	137	39.7	53	15.4	10	2.9
Lipa City	89	26.9	81	24.5	10	3.0
City of Tanauan	63	35.5	41	23.1	3	1.7
Bacoor City	224	31.8	122	17.3	9	1.3
Cavite City	62	62.2	20	20.1	8	8.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	342	47.1	125	17.2	24	3.3
City of General Trias	142	36.2	48	12.2	17	4.3
Imus City	153	39.8	82	21.3	5	1.3
Tagaytay City	22	29.9	19	25.9	2	2.7
Trece Martires City	50	27.8	42	23.3	6	3.3
City of Biñan	109	31.9	108	31.6	4	1.2
Cabuyao City	87	21.3	85	20.8	3	0.7
City of Calamba	98	21.1	53	11.4	10	2.2
San Pablo City	125	46.0	68	25.0	8	2.9
City of San Pedro	90	27.0	38	11.4	2	0.6
City of Santa Rosa	154	42.6	51	14.1	6	1.7
Lucena City	213	76.0	50	17.8	4	1.4
City of Tayabas	45	42.4	9	8.5	4	3.8
City of Antipolo	396	47.7	164	19.8	28	3.4
REGION IVB - MIMAROPA	1,453	47.5	791	25.9	196	6.4
Marinduque	194	83.1	123	52.7	18	7.7
Occidental Mindoro	214	42.6	162	32.3	27	5.4
Oriental Mindoro	266	37.1	183	25.5	45	6.3
Palawan	416	46.1	160	17.7	59	6.5
Romblon	223	75.5	88	29.8	31	10.5
Calapan City	45	33.1	36	26.5	8	5.9
Puerto Princesa City	95	35.2	39	14.5	8	3.0
REGION V - BICOL	3,682	62.2	1,566	26.5	309	5.2
Albay	738	84.1	227	25.9	45	5.1
Camarines Norte	313	52.9	208	35.1	39	6.6
Camarines Sur	909	53.8	434	25.7	90	5.3
Catanduanes	210	78.6	89	33.3	22	8.2
Masbate	381	46.0	182	22.0	44	5.3
Sorsogon	465	77.6	149	24.9	40	6.7
Legazpi City	162	81.3	46	23.1	4	2.0
City of Ligao	92	80.3	42	36.7	3	2.6
City of Tabaco	146	106.4	36	26.2	2	1.5
Iriga City	31	26.3	33	28.0	3	2.5
Naga City	111	54.9	54	26.7	5	2.5
City of Masbate	30	31.7	22	23.2	6	6.3
City of Sorsogon	94	46.6	44	21.8	6	3.0
REGION VI - WESTERN VISAYAS	7,564	98.2	2,446	31.8	531	6.9
Aklan	681	114.5	204	34.3	37	6.2
Antique	708	118.8	252	42.3	60	10.1
Capiz	668	114.2	165	28.2	48	8.2
Guimaras	109	61.4	56	31.5	7	3.9
Iloilo	2,037	108.0	561	29.7	103	5.5
Negros Occidental	1,017	94.1	333	30.8	87	8.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	124	69.9	29	16.4	12	6.8
Iloilo City	492	105.9	141	30.3	18	3.9
City of Passi	72	83.4	31	35.9	1	1.2
Bacolod City	352	61.8	171	30.0	49	8.6
Bago City	139	78.4	70	39.5	14	7.9
Cadiz City	124	78.9	63	40.1	4	2.5
City of Escalante	96	93.7	35	34.2	13	12.7
City of Himamaylan	72	63.9	70	62.2	16	14.2
City of Kabankalan	179	99.9	32	17.9	5	2.8
La Carlota City	82	119.4	27	39.3	4	5.8
Sagay City	129	87.5	34	23.1	13	8.8
San Carlos City	121	88.1	36	26.2	10	7.3
Silay City	129	99.6	48	37.0	10	7.7
City of Sipalay	39	55.2	26	36.8	7	9.9
City of Talisay	144	130.1	36	32.5	9	8.1
City of Victorias	50	54.2	26	28.2	4	4.3
REGION VII - CENTRAL VISAYAS	5,040	66.6	1,589	21.0	706	9.3
Bohol	1,117	91.6	343	28.1	164	13.5
Cebu	1,457	71.4	445	21.8	182	8.9
Negros Oriental	476	58.1	143	17.5	105	12.8
Siquijor	64	65.9	26	26.8	8	8.2
Tagbilaran City	52	47.3	35	31.8	6	5.5
City of Bogu	32	44.9	16	22.4	7	9.8
City of Carcar	102	87.9	19	16.4	8	6.9
Cebu City	707	70.6	152	15.2	70	7.0
Danao City	38	29.4	32	24.8	8	6.2
Lapu-Lapu City	282	58.1	81	16.7	22	4.5
Mandaue City	132	33.3	69	17.4	22	5.5
City of Naga	57	50.3	15	13.2	7	6.2
City of Talisay	111	47.5	31	13.3	8	3.4
Toledo City	132	81.6	28	17.3	24	14.8
Bais City	32	40.6	11	14.0	4	5.1
City of Bayawan	49	40.1	12	9.8	5	4.1
Canlaon City	29	54.6	15	28.3	14	26.4
Dumaguete City	52	39.0	49	36.7	11	8.2
City of Guihulngan	57	57.4	36	36.3	18	18.1
City of Tanjay	62	73.1	31	36.6	13	15.3
REGION VIII - EASTERN VISAYAS	3,036	68.5	1,011	22.8	376	8.5
Biliran	119	67.5	72	40.8	34	19.3
Eastern Samar	176	44.5	43	10.9	21	5.3
Leyte	975	72.6	294	21.9	145	10.8
Northern Samar	383	58.9	115	17.7	42	6.5
Samar	182	36.1	109	21.6	21	4.2
Southern Leyte	333	98.9	125	37.1	42	12.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	88	127.0	9	13.0	5	7.2
City of Baybay	74	69.1	40	37.4	16	14.9
Ormoc City	159	73.2	53	24.4	15	6.9
Tacloban City	165	65.5	41	16.3	12	4.8
Calbayog City	142	74.7	52	27.3	8	4.2
City of Catbalogan	146	144.7	26	25.8	6	5.9
City of Maasin	94	106.9	32	36.4	9	10.2
REGION IX - ZAMBOANGA PENINSULA	1,241	32.5	650	17.0	234	6.1
Zamboanga Del Norte	232	27.9	149	17.9	63	7.6
Zamboanga Del Sur	232	25.2	127	13.8	59	6.4
Zamboanga Sibugay	231	35.8	108	16.7	49	7.6
Dapitan City	65	77.9	27	32.4	8	9.6
Dipolog City	57	42.3	20	14.9	11	8.2
City of Isabela	24	20.5	10	8.5	8	6.8
Pagadian City	33	15.1	27	12.3	8	3.7
Zamboanga City	367	42.6	182	21.1	28	3.2
REGION X - NORTHERN MINDANAO	2,328	47.8	925	19.0	369	7.6
Bukidnon	480	43.8	159	14.5	68	6.2
Camiguin	100	110.9	37	41.0	8	8.9
Lanao del Norte	206	29.1	87	12.3	64	9.1
Misamis Occidental	237	70.8	108	32.3	55	16.4
Misamis Oriental	410	51.7	205	25.9	64	8.1
City of Malaybalay	85	49.4	26	15.1	8	4.6
City of Valencia	160	78.8	39	19.2	20	9.8
Iligan City	159	45.8	46	13.2	19	5.5
Oroquieta City	63	84.0	21	28.0	6	8.0
Ozamis City	67	45.9	27	18.5	12	8.2
Tangub City	21	31.3	6	9.0	6	9.0
Cagayan de Oro City	278	39.3	127	18.0	26	3.7
Gingoog City	62	48.5	37	28.9	13	10.2
REGION XI - DAVAO	2,652	52.7	975	19.4	413	8.2
Compostela Valley	327	42.9	119	15.6	60	7.9
Davao	216	43.6	108	21.8	40	8.1
Davao Del Sur	200	44.0	141	31.0	46	10.1
Davao Oriental	336	78.8	88	20.6	58	13.6
Davao Occidental	180	56.2	18	5.6	18	5.6
City of Panabo	95	46.5	55	26.9	15	7.3
Island Garden City of Samal	59	56.4	12	11.5	8	7.7
City of Tagum	126	43.3	48	16.5	15	5.2
Davao City	868	52.0	312	18.7	131	7.8
City of Digos	155	92.9	41	24.6	10	6.0
City of Mati	90	64.3	33	23.6	12	8.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	1,850	38.8	1,040	21.8	305	6.4
Cotabato	549	42.9	285	22.2	78	6.1
Saranggani	144	25.7	76	13.6	40	7.1
South Cotabato	316	42.4	175	23.5	70	9.4
Sultan Kudarat	265	34.5	220	28.7	35	4.6
Cotabato City	51	13.8	19	5.1	10	2.7
City of Kidapawan	44	31.1	54	38.2	16	11.3
General Santos City	314	49.7	130	20.6	36	5.7
City of Koronadal	90	51.6	46	26.4	18	10.3
City of Tacurong	77	79.7	35	36.2	2	2.1
REGION XIII - CARAGA	1,316	49.5	499	18.8	234	8.8
Agusan del Norte	182	63.8	52	18.2	31	10.9
Agusan del Sur	178	28.7	103	16.6	34	5.5
Surigao del Norte	121	36.2	64	19.1	54	16.2
Surigao del Sur	279	62.3	93	20.8	30	6.7
Dinagat Island	43	30.6	18	12.8	11	7.8
Butuan City	305	90.1	63	18.6	20	5.9
City of Cabadbaran	52	65.5	23	29.0	10	12.6
City of Bayugan	60	58.5	16	15.6	8	7.8
Surigao City	25	16.1	25	16.1	15	9.6
City of Bislig	49	51.5	24	25.2	12	12.6
City of Tandag	22	38.4	18	31.5	9	15.7
ARMM	231	6.5	96	2.7	26	0.7
Basilan	4	1.7	4	1.7	-	0.0
Lanao del Sur	53	6.7	14	1.8	10	1.3
Maguindanao	78	7.5	43	4.1	6	0.6
Sulu	56	7.1	10	1.3	4	0.5
Tawi-tawi	4	1.0	5	1.3	1	0.3
City of Lamitan	22	28.9	15	19.7	5	6.6
Marawi City	14	6.0	5	2.1	-	0.0
FOREIGN COUNTRY	15	~	12	~	2	~

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Liver Disease (K70-K76)		Diseases of the Genito Urinary System (N00-N98)		Cond. originating in the perinatal period (P00-P96)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	8,990	8.7	23,526	22.7	9,785	9.4
NATIONAL CAPITAL REGION	1,155	8.7	2,538	19.2	1,751	13.3
City of Manila	180	10.7	455	27.0	294	17.4
City of Mandaluyong	32	9.0	67	18.8	37	10.4
City of Marikina	45	10.1	112	25.1	85	19.0
City of Pasig	55	6.9	157	19.7	100	12.5
Quezon City	270	8.5	414	13.0	435	13.6
San Juan	10	8.1	35	28.4	9	7.3
Kalookan City	110	6.4	237	13.8	152	8.8
City of Malabon	38	10.5	79	21.8	42	11.6
Navotas	37	14.1	51	19.5	43	16.4
City of Valenzuela	75	11.7	88	13.8	117	18.3
City of Las Piñas	46	7.6	174	28.6	77	12.6
City of Makati	43	7.6	153	27.0	63	11.1
City of Muntinlupa	43	8.9	143	29.7	54	11.2
City of Parañaque	72	10.4	157	22.7	96	13.9
Pasay City	39	9.4	79	18.9	43	10.3
Pateros	5	7.3	14	20.4	8	11.7
City of Taguig	55	7.0	123	15.7	96	12.3
CORDILLERA ADMINISTRATIVE REGION	98	5.5	360	20.1	151	8.4
Abra	22	8.8	54	21.5	25	10.0
Apayao	12	9.7	26	21.1	6	4.9
Benguet	23	5.0	87	19.1	39	8.5
Ifugao	10	4.7	35	16.6	14	6.6
Kalinga	8	3.6	48	21.8	11	5.0
Mt. Province	2	1.2	28	17.2	25	15.4
Baguio City	21	5.7	82	22.3	31	8.4
REGION I - ILOCOS	431	8.4	971	19.0	615	12.0
Ilocos Norte	42	9.7	118	27.2	48	11.1
Ilocos Sur	46	7.9	130	22.2	49	8.4
La Union	64	9.5	119	17.6	112	16.6
Pangasinan	177	7.3	384	15.9	265	11.0
City of Batac	9	15.7	12	20.9	8	13.9
Laoag City	13	11.6	25	22.4	21	18.8
City of Candon	5	8.0	14	22.3	5	8.0
City of Vigan	6	11.4	15	28.5	2	3.8
City of San Fernando	11	8.9	28	22.7	25	20.3
City of Alaminos	6	6.5	18	19.4	12	12.9
Dagupan City	29	15.4	27	14.4	21	11.2
San Carlos City	10	5.3	37	19.6	32	16.9
City of Urdaneta	13	9.7	44	32.7	15	11.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Liver Disease (K70-K76)		Diseases of the Genito Urinary System (N00-N98)		Cond. originating in the perinatal period (P00-P96)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	323	9.2	735	20.9	291	8.3
Batanes	3	18.0	4	24.0	3	18.0
Cagayan	119	11.2	216	20.4	72	6.8
Isabela	90	7.5	266	22.2	73	6.1
Nueva Vizcaya	42	9.2	74	16.2	56	12.2
Quirino	9	4.6	34	17.3	26	13.2
Tuguegarao City	21	13.9	42	27.8	26	17.2
City of Cauayan	15	11.1	35	26.0	10	7.4
Ilagan City	12	8.3	25	17.2	9	6.2
City of Santiago	12	8.1	39	26.3	16	10.8
REGION III - CENTRAL LUZON	903	7.8	2,788	24.2	1,161	10.1
Aurora	19	8.6	26	11.8	15	6.8
Bataan	41	6.0	288	42.3	97	14.3
Bulacan	191	8.0	475	20.0	321	13.5
Nueva Ecija	87	5.9	224	15.2	100	6.8
Pampanga	135	7.8	506	29.4	103	6.0
Tarlac	59	5.6	220	20.8	43	4.1
Zambales	65	10.7	113	18.6	73	12.0
City of Balanga	9	9.0	40	40.0	22	22.0
City of Malolos	20	7.2	52	18.7	32	11.5
City of Meycauayan	22	9.9	48	21.5	38	17.0
City of San Jose Del Monte	45	8.0	129	22.9	46	8.2
Cabanatuan City	23	7.5	50	16.2	27	8.8
City of Gapan	11	10.0	19	17.3	18	16.4
Science City of Muñoz	7	8.5	8	9.7	8	9.7
Palayan City	3	7.3	10	24.2	3	7.3
San Jose City	14	9.7	25	17.3	19	13.2
Angeles City	56	15.2	181	49.2	36	9.8
Mabalacat City	16	6.5	70	28.3	14	5.7
City of San Fernando	27	8.1	99	29.8	26	7.8
City of Tarlac	22	6.2	147	41.2	92	25.8
Olangapo City	31	13.0	58	24.4	28	11.8
REGION IVA - CALABARZON	1,083	7.1	3,558	23.5	1,726	11.4
Batangas	111	6.0	548	29.5	220	11.8
Cavite	90	6.5	395	28.5	189	13.7
Laguna	89	8.7	324	31.6	102	9.9
Quezon	161	8.9	411	22.8	169	9.4
Rizal	150	6.6	442	19.3	212	9.3
Batangas City	18	5.2	81	23.5	49	14.2
Lipa City	22	6.7	90	27.2	47	14.2
City of Tanauan	17	9.6	46	25.9	32	18.0
Bacoor City	45	6.4	142	20.2	73	10.4
Cavite City	12	12.0	29	29.1	15	15.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Liver Disease (K70-K76)		Diseases of the Genito Urinary System (N00-N98)		Cond. originating in the perinatal period (P00-P96)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	31	4.3	163	22.4	81	11.1
City of General Trias	13	3.3	35	8.9	39	9.9
Imus City	29	7.5	71	18.5	32	8.3
Tagaytay City	5	6.8	14	19.1	9	12.2
Trece Martires City	10	5.6	34	18.9	27	15.0
City of Biñan	36	10.5	58	17.0	35	10.2
Cabuyao City	20	4.9	69	16.9	34	8.3
City of Calamba	29	6.2	111	23.9	87	18.7
San Pablo City	26	9.6	87	32.0	47	17.3
City of San Pedro	30	9.0	81	24.3	35	10.5
City of Santa Rosa	28	7.7	63	17.4	29	8.0
Lucena City	37	13.2	97	34.6	31	11.1
City of Tayabas	11	10.4	28	26.4	12	11.3
City of Antipolo	63	7.6	139	16.8	120	14.5
REGION IVB - MIMAROPA	291	9.5	588	19.2	331	10.8
Marinduque	24	10.3	65	27.8	29	12.4
Occidental Mindoro	42	8.4	70	13.9	49	9.8
Oriental Mindoro	91	12.7	129	18.0	91	12.7
Palawan	40	4.4	160	17.7	61	6.8
Romblon	51	17.3	73	24.7	30	10.2
Calapan City	15	11.0	28	20.6	25	18.4
Puerto Princesa City	28	10.4	63	23.4	46	17.1
REGION V - BICOL	573	9.7	1,555	26.3	583	9.8
Albay	84	9.6	224	25.5	69	7.9
Camarines Norte	35	5.9	145	24.5	86	14.5
Camarines Sur	132	7.8	494	29.2	153	9.1
Catanduanes	35	13.1	60	22.5	32	12.0
Masbate	74	8.9	109	13.2	57	6.9
Sorsogon	72	12.0	207	34.5	45	7.5
Legazpi City	30	15.1	48	24.1	30	15.1
City of Ligao	12	10.5	40	34.9	13	11.4
City of Tabaco	23	16.8	33	24.0	32	23.3
Iriga City	10	8.5	53	45.0	9	7.6
Naga City	31	15.3	73	36.1	29	14.3
City of Masbate	16	16.9	9	9.5	11	11.6
City of Sorsogon	19	9.4	60	29.7	17	8.4
REGION VI - WESTERN VISAYAS	1,027	13.3	2,045	26.5	602	7.8
Aklan	70	11.8	118	19.8	76	12.8
Antique	84	14.1	113	19.0	69	11.6
Capiz	77	13.2	127	21.7	38	6.5
Guimaras	21	11.8	28	15.8	22	12.4
Iloilo	231	12.2	415	22.0	163	8.6
Negros Occidental	128	11.8	357	33.0	51	4.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Liver Disease (K70-K76)		Diseases of the Genito Urinary System (N00-N98)		Cond. originating in the perinatal period (P00-P96)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	23	13.0	35	19.7	17	9.6
Iloilo City	84	18.1	134	28.8	24	5.2
City of Passi	9	10.4	15	17.4	11	12.7
Bacolod City	71	12.5	200	35.1	36	6.3
Bago City	34	19.2	98	55.3	13	7.3
Cadiz City	25	15.9	63	40.1	4	2.5
City of Escalante	13	12.7	29	28.3	5	4.9
City of Himamaylan	24	21.3	20	17.8	8	7.1
City of Kabankalan	20	11.2	43	24.0	5	2.8
La Carlota City	12	17.5	23	33.5	5	7.3
Sagay City	11	7.5	51	34.6	7	4.7
San Carlos City	23	16.7	24	17.5	9	6.6
Silay City	24	18.5	49	37.8	9	6.9
City of Sipalay	10	14.1	19	26.9	9	12.7
City of Talisay	17	15.4	47	42.5	11	9.9
City of Victorias	16	17.3	37	40.1	10	10.8
REGION VII - CENTRAL VISAYAS	753	10.0	1,781	23.5	722	9.5
Bohol	140	11.5	402	33.0	109	8.9
Cebu	216	10.6	426	20.9	198	9.7
Negros Oriental	74	9.0	220	26.9	83	10.1
Siquijor	13	13.4	41	42.2	12	12.3
Tagbilaran City	6	5.5	42	38.2	11	10.0
City of Bogu	19	26.6	26	36.5	11	15.4
City of Carcar	8	6.9	19	16.4	3	2.6
Cebu City	112	11.2	198	19.8	106	10.6
Danao City	11	8.5	20	15.5	11	8.5
Lapu-Lapu City	20	4.1	67	13.8	36	7.4
Mandaue City	25	6.3	71	17.9	30	7.6
City of Naga	15	13.2	18	15.9	12	10.6
City of Talisay	19	8.1	38	16.3	13	5.6
Toledo City	10	6.2	47	29.0	12	7.4
Bais City	8	10.2	15	19.0	12	15.2
City of Bayawan	7	5.7	21	17.2	17	13.9
Canlaon City	7	13.2	20	37.7	8	15.1
Dumaguete City	15	11.2	48	36.0	23	17.2
City of Guihulngan	10	10.1	21	21.2	11	11.1
City of Tanjay	18	21.2	21	24.8	4	4.7
REGION VIII - EASTERN VISAYAS	434	9.8	1,056	23.8	278	6.3
Biliran	17	9.6	49	27.8	15	8.5
Eastern Samar	16	4.0	50	12.7	12	3.0
Leyte	181	13.5	359	26.7	76	5.7
Northern Samar	69	10.6	96	14.8	74	11.4
Samar	39	7.7	92	18.2	7	1.4
Southern Leyte	30	8.9	108	32.1	27	8.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Liver Disease (K70-K76)		Diseases of the Genito Urinary System (N00-N98)		Cond. originating in the perinatal period (P00-P96)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	6	8.7	11	15.9	7	10.1
City of Baybay	8	7.5	51	47.6	10	9.3
Ormoc City	12	5.5	105	48.3	13	6.0
Tacloban City	14	5.6	51	20.3	14	5.6
Calbayog City	12	6.3	29	15.2	7	3.7
City of Catbalogan	21	20.8	26	25.8	6	5.9
City of Maasin	9	10.2	29	33.0	10	11.4
REGION IX - ZAMBOANGA PENINSULA	312	8.2	720	18.9	199	5.2
Zamboanga Del Norte	68	8.2	162	19.5	33	4.0
Zamboanga Del Sur	62	6.7	190	20.6	37	4.0
Zamboanga Sibugay	37	5.7	106	16.4	26	4.0
Dapitan City	7	8.4	15	18.0	3	3.6
Dipolog City	23	17.1	52	38.6	6	4.5
City of Isabela	10	8.5	10	8.5	1	0.9
Pagadian City	20	9.1	57	26.0	18	8.2
Zamboanga City	85	9.9	128	14.9	75	8.7
REGION X - NORTHERN MINDANAO	480	9.9	1,125	23.1	458	9.4
Bukidnon	74	6.8	198	18.1	84	7.7
Camiguin	12	13.3	38	42.2	6	6.7
Lanao del Norte	45	6.4	120	17.0	37	5.2
Misamis Occidental	41	12.2	131	39.1	33	9.9
Misamis Oriental	85	10.7	175	22.1	74	9.3
City of Malaybalay	18	10.5	39	22.7	22	12.8
City of Valencia	38	18.7	50	24.6	30	14.8
Iligan City	40	11.5	86	24.8	62	17.9
Oroquieta City	10	13.3	47	62.6	15	20.0
Ozamis City	14	9.6	61	41.7	17	11.6
Tangub City	4	6.0	13	19.4	11	16.4
Cagayan de Oro City	85	12.0	144	20.4	50	7.1
Gingoog City	14	10.9	23	18.0	17	13.3
REGION XI - DAVAO	412	8.2	1,310	26.0	410	8.1
Compostela Valley	76	10.0	173	22.7	52	6.8
Davao	42	8.5	108	21.8	52	10.5
Davao Del Sur	47	10.3	169	37.2	37	8.1
Davao Oriental	20	4.7	96	22.5	20	4.7
Davao Occidental	21	6.6	31	9.7	9	2.8
City of Panabo	13	6.4	47	23.0	29	14.2
Island Garden City of Samal	4	3.8	32	30.6	9	8.6
City of Tagum	23	7.9	51	17.5	45	15.5
Davao City	125	7.5	518	31.0	126	7.5
City of Digos	29	17.4	59	35.4	20	12.0
City of Mati	12	8.6	26	18.6	11	7.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Liver Disease (K70-K76)		Diseases of the Genito Urinary System (N00-N98)		Cond. originating in the perinatal period (P00-P96)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	304	6.4	1,674	35.1	284	6.0
Cotabato	85	6.6	441	34.4	46	3.6
Saranggani	32	5.7	97	17.3	17	3.0
South Cotabato	47	6.3	417	55.9	63	8.4
Sultan Kudarat	35	4.6	240	31.3	23	3.0
Cotabato City	10	2.7	24	6.5	3	0.8
City of Kidapawan	12	8.5	66	46.7	11	7.8
General Santos City	53	8.4	204	32.3	94	14.9
City of Koronadal	21	12.1	140	80.3	19	10.9
City of Tacurong	9	9.3	45	46.6	8	8.3
REGION XIII - CARAGA	362	13.6	601	22.6	134	5.0
Agusan del Norte	44	15.4	63	22.1	10	3.5
Agusan del Sur	65	10.5	83	13.4	28	4.5
Surigao del Norte	44	13.2	98	29.3	18	5.4
Surigao del Sur	49	10.9	92	20.5	18	4.0
Dinagat Island	21	14.9	27	19.2	1	0.7
Butuan City	58	17.1	99	29.2	27	8.0
City of Cabadbaran	22	27.7	17	21.4	2	2.5
City of Bayugan	9	8.8	26	25.4	8	7.8
Surigao City	22	14.1	52	33.4	16	10.3
City of Bislig	13	13.7	32	33.6	3	3.2
City of Tandag	15	26.2	12	21.0	3	5.2
ARMM	41	1.1	110	3.1	88	2.5
Basilan	1	0.4	3	1.3	2	0.8
Lanao del Sur	11	1.4	35	4.4	35	4.4
Maguindanao	10	1.0	48	4.6	16	1.5
Sulu	2	0.3	5	0.6	17	2.2
Tawi-tawi	1	0.3	5	1.3	2	0.5
City of Lamitan	9	11.8	8	10.5	-	0.0
Marawi City	7	3.0	6	2.6	16	6.9
FOREIGN COUNTRY	8	~	11	~	1	~

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)		Falls (W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	5,100	4.9	11,292	10.9	2,780	2.7
NATIONAL CAPITAL REGION	788	6.0	383	2.9	225	1.7
City of Manila	95	5.6	53	3.1	29	1.7
City of Mandaluyong	18	5.1	11	3.1	8	2.2
City of Marikina	30	6.7	14	3.1	10	2.2
City of Pasig	45	5.6	12	1.5	6	0.8
Quezon City	210	6.6	88	2.8	63	2.0
San Juan	9	7.3	3	2.4	3	2.4
Kalookan City	94	5.5	29	1.7	22	1.3
City of Malabon	25	6.9	11	3.0	5	1.4
Navotas	15	5.7	7	2.7	1	0.4
City of Valenzuela	40	6.3	32	5.0	16	2.5
City of Las Piñas	32	5.3	29	4.8	8	1.3
City of Makati	34	6.0	13	2.3	16	2.8
City of Muntinlupa	41	8.5	14	2.9	8	1.7
City of Parañaque	33	4.8	24	3.5	5	0.7
Pasay City	16	3.8	7	1.7	10	2.4
Pateros	6	8.7	1	1.5	1	1.5
City of Taguig	45	5.7	35	4.5	14	1.8
CORDILLERA ADMINISTRATIVE REGION	49	2.7	184	10.3	89	5.0
Abra	5	2.0	31	12.3	7	2.8
Apayao	1	0.8	28	22.7	8	6.5
Benguet	19	4.2	39	8.5	19	4.2
Ifugao	2	0.9	31	14.7	10	4.7
Kalinga	3	1.4	27	12.3	11	5.0
Mt. Province	8	4.9	13	8.0	21	12.9
Baguio City	11	3.0	15	4.1	13	3.5
REGION I - ILOCOS	319	6.2	860	16.8	144	2.8
Ilocos Norte	26	6.0	91	21.0	11	2.5
Ilocos Sur	47	8.0	117	20.0	17	2.9
La Union	29	4.3	127	18.8	13	1.9
Pangasinan	158	6.6	382	15.9	87	3.6
City of Batac	1	1.7	11	19.2	-	0.0
Laoag City	8	7.2	20	17.9	1	0.9
City of Candon	2	3.2	13	20.7	1	1.6
City of Vigan	3	5.7	9	17.1	1	1.9
City of San Fernando	7	5.7	17	13.8	2	1.6
City of Alaminos	7	7.5	18	19.4	2	2.2
Dagupan City	14	7.5	18	9.6	5	2.7
San Carlos City	15	7.9	20	10.6	2	1.1
City of Urdaneta	2	1.5	17	12.6	2	1.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)		Falls (W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	134	3.8	758	21.6	131	3.7
Batanes	1	6.0	4	24.0	2	12.0
Cagayan	31	2.9	227	21.4	45	4.2
Isabela	41	3.4	263	21.9	33	2.8
Nueva Vizcaya	23	5.0	77	16.8	22	4.8
Quirino	8	4.1	35	17.8	-	0.0
Tuguegarao City	11	7.3	49	32.5	19	12.6
City of Cauayan	6	4.4	37	27.4	4	3.0
Ilagan City	5	3.4	37	25.5	4	2.8
City of Santiago	8	5.4	29	19.6	2	1.3
REGION III - CENTRAL LUZON	580	5.0	1,356	11.8	241	2.1
Aurora	10	4.6	37	16.8	3	1.4
Bataan	40	5.9	126	18.5	21	3.1
Bulacan	123	5.2	188	7.9	46	1.9
Nueva Ecija	84	5.7	233	15.8	30	2.0
Pampanga	54	3.1	155	9.0	29	1.7
Tarlac	38	3.6	130	12.3	14	1.3
Zambales	47	7.7	99	16.3	14	2.3
City of Balanga	6	6.0	14	14.0	1	1.0
City of Malolos	14	5.0	14	5.0	5	1.8
City of Meycauayan	11	4.9	14	6.3	1	0.4
City of San Jose Del Monte	30	5.3	19	3.4	11	2.0
Cabanatuan City	17	5.5	39	12.7	10	3.2
City of Gapan	11	10.0	18	16.4	8	7.3
Science City of Muñoz	1	1.2	21	25.6	4	4.9
Palayan City	2	4.8	14	33.9	1	2.4
San Jose City	6	4.2	30	20.8	2	1.4
Angeles City	24	6.5	26	7.1	2	0.5
Mabalacat City	8	3.2	25	10.1	7	2.8
City of San Fernando	17	5.1	31	9.3	10	3.0
City of Tarlac	26	7.3	111	31.1	13	3.6
Olangapo City	11	4.6	12	5.1	9	3.8
REGION IVA - CALABARZON	822	5.4	1,029	6.8	251	1.7
Batangas	90	4.8	213	11.5	50	2.7
Cavite	78	5.6	88	6.4	20	1.4
Laguna	61	5.9	73	7.1	17	1.7
Quezon	106	5.9	223	12.3	32	1.8
Rizal	101	4.4	62	2.7	21	0.9
Batangas City	19	5.5	30	8.7	8	2.3
Lipa City	22	6.7	46	13.9	8	2.4
City of Tanauan	15	8.5	19	10.7	3	1.7
Bacoor City	26	3.7	23	3.3	10	1.4
Cavite City	7	7.0	3	3.0	6	6.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)		Falls (W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	36	5.0	21	2.9	9	1.2
City of General Trias	23	5.9	15	3.8	3	0.8
Imus City	16	4.2	14	3.6	4	1.0
Tagaytay City	4	5.4	9	12.2	2	2.7
Trece Martires City	13	7.2	8	4.4	1	0.6
City of Biñan	37	10.8	13	3.8	3	0.9
Cabuyao City	20	4.9	13	3.2	3	0.7
City of Calamba	25	5.4	18	3.9	9	1.9
San Pablo City	10	3.7	41	15.1	5	1.8
City of San Pedro	8	2.4	14	4.2	7	2.1
City of Santa Rosa	21	5.8	11	3.0	3	0.8
Lucena City	16	5.7	26	9.3	5	1.8
City of Tayabas	7	6.6	12	11.3	1	0.9
City of Antipolo	61	7.4	34	4.1	21	2.5
REGION IVB - MIMAROPA	176	5.8	378	12.4	78	2.6
Marinduque	12	5.1	9	3.9	6	2.6
Occidental Mindoro	25	5.0	85	16.9	12	2.4
Oriental Mindoro	42	5.9	104	14.5	14	2.0
Palawan	34	3.8	102	11.3	18	2.0
Romblon	18	6.1	24	8.1	18	6.1
Calapan City	14	10.3	20	14.7	8	5.9
Puerto Princesa City	31	11.5	34	12.6	2	0.7
REGION V - BICOL	338	5.7	688	11.6	170	2.9
Albay	43	4.9	89	10.1	32	3.6
Camarines Norte	32	5.4	68	11.5	13	2.2
Camarines Sur	104	6.2	217	12.8	52	3.1
Catanduanes	22	8.2	38	14.2	20	7.5
Masbate	28	3.4	56	6.8	17	2.1
Sorsogon	35	5.8	85	14.2	14	2.3
Legazpi City	13	6.5	20	10.0	7	3.5
City of Ligao	11	9.6	16	14.0	3	2.6
City of Tabaco	4	2.9	16	11.7	2	1.5
Iriga City	8	6.8	21	17.8	-	0.0
Naga City	18	8.9	17	8.4	1	0.5
City of Masbate	5	5.3	8	8.4	2	2.1
City of Sorsogon	15	7.4	37	18.3	7	3.5
REGION VI - WESTERN VISAYAS	397	5.2	1,011	13.1	282	3.7
Aklan	36	6.1	102	17.2	36	6.1
Antique	33	5.5	83	13.9	44	7.4
Capiz	27	4.6	81	13.9	16	2.7
Guimaras	11	6.2	33	18.6	10	5.6
Iloilo	123	6.5	228	12.1	69	3.7
Negros Occidental	46	4.3	137	12.7	29	2.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)		Falls (W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	11	6.2	19	10.7	5	2.8
Iloilo City	21	4.5	36	7.7	14	3.0
City of Passi	8	9.3	8	9.3	4	4.6
Bacolod City	21	3.7	72	12.6	21	3.7
Bago City	6	3.4	32	18.1	6	3.4
Cadiz City	7	4.5	21	13.4	5	3.2
City of Escalante	5	4.9	14	13.7	1	1.0
City of Himamaylan	6	5.3	15	13.3	1	0.9
City of Kabankalan	6	3.3	23	12.8	2	1.1
La Carlota City	3	4.4	8	11.6	1	1.5
Sagay City	6	4.1	18	12.2	3	2.0
San Carlos City	1	0.7	16	11.7	2	1.5
Silay City	11	8.5	21	16.2	2	1.5
City of Sipalay	2	2.8	13	18.4	1	1.4
City of Talisay	4	3.6	20	18.1	6	5.4
City of Victorias	3	3.3	11	11.9	4	4.3
REGION VII - CENTRAL VISAYAS	458	6.1	891	11.8	343	4.5
Bohol	82	6.7	187	15.3	84	6.9
Cebu	124	6.1	263	12.9	104	5.1
Negros Oriental	37	4.5	142	17.3	40	4.9
Siquijor	7	7.2	24	24.7	8	8.2
Tagbilaran City	7	6.4	11	10.0	1	0.9
City of Bogu	9	12.6	6	8.4	3	4.2
City of Carcar	10	8.6	12	10.3	2	1.7
Cebu City	52	5.2	57	5.7	28	2.8
Danao City	10	7.7	13	10.1	4	3.1
Lapu-Lapu City	29	6.0	22	4.5	8	1.6
Mandaue City	25	6.3	19	4.8	5	1.3
City of Naga	10	8.8	15	13.2	3	2.6
City of Talisay	20	8.6	13	5.6	4	1.7
Toledo City	10	6.2	15	9.3	4	2.5
Bais City	5	6.3	14	17.8	5	6.3
City of Bayawan	5	4.1	20	16.4	5	4.1
Canlaon City	2	3.8	4	7.5	1	1.9
Dumaguete City	10	7.5	23	17.2	5	3.7
City of Guihulngan	2	2.0	7	7.1	11	11.1
City of Tanjay	2	2.4	24	28.3	18	21.2
REGION VIII - EASTERN VISAYAS	139	3.1	568	12.8	148	3.3
Biliran	10	5.7	21	11.9	9	5.1
Eastern Samar	6	1.5	37	9.4	9	2.3
Leyte	48	3.6	203	15.1	43	3.2
Northern Samar	14	2.2	72	11.1	17	2.6
Samar	6	1.2	64	12.7	11	2.2
Southern Leyte	15	4.5	39	11.6	15	4.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)		Falls (W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	1	1.4	11	15.9	3	4.3
City of Baybay	3	2.8	24	22.4	6	5.6
Ormoc City	10	4.6	22	10.1	8	3.7
Tacloban City	10	4.0	28	11.1	7	2.8
Calbayog City	4	2.1	23	12.1	10	5.3
City of Catbalogan	4	4.0	12	11.9	4	4.0
City of Maasin	8	9.1	12	13.6	6	6.8
REGION IX - ZAMBOANGA PENINSULA	107	2.8	383	10.0	106	2.8
Zamboanga Del Norte	20	2.4	56	6.7	20	2.4
Zamboanga Del Sur	18	2.0	114	12.4	31	3.4
Zamboanga Sibugay	11	1.7	74	11.5	16	2.5
Dapitan City	3	3.6	5	6.0	4	4.8
Dipolog City	7	5.2	20	14.9	4	3.0
City of Isabela	2	1.7	5	4.3	1	0.9
Pagadian City	4	1.8	25	11.4	5	2.3
Zamboanga City	42	4.9	84	9.7	25	2.9
REGION X - NORTHERN MINDANAO	239	4.9	787	16.2	181	3.7
Bukidnon	52	4.7	245	22.4	37	3.4
Camiguin	6	6.7	14	15.5	6	6.7
Lanao del Norte	13	1.8	80	11.3	14	2.0
Misamis Occidental	13	3.9	50	14.9	17	5.1
Misamis Oriental	44	5.6	176	22.2	31	3.9
City of Malaybalay	15	8.7	40	23.2	6	3.5
City of Valencia	12	5.9	42	20.7	4	2.0
Iligan City	23	6.6	26	7.5	18	5.2
Oroquieta City	3	4.0	10	13.3	4	5.3
Ozamis City	5	3.4	11	7.5	5	3.4
Tangub City	5	7.5	9	13.4	8	11.9
Cagayan de Oro City	39	5.5	63	8.9	15	2.1
Gingoog City	9	7.0	21	16.4	16	12.5
REGION XI - DAVAO	269	5.3	909	18.1	212	4.2
Compostela Valley	25	3.3	168	22.1	44	5.8
Davao	33	6.7	92	18.6	15	3.0
Davao Del Sur	23	5.1	90	19.8	29	6.4
Davao Oriental	23	5.4	73	17.1	15	3.5
Davao Occidental	11	3.4	28	8.7	6	1.9
City of Panabo	8	3.9	43	21.1	13	6.4
Island Garden City of Samal	2	1.9	13	12.4	4	3.8
City of Tagum	15	5.2	63	21.6	12	4.1
Davao City	114	6.8	265	15.9	62	3.7
City of Digos	11	6.6	40	24.0	7	4.2
City of Mati	4	2.9	34	24.3	5	3.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)		Falls (W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	167	3.5	646	13.5	96	2.0
Cotabato	34	2.7	188	14.7	29	2.3
Saranggani	13	2.3	59	10.5	11	2.0
South Cotabato	38	5.1	159	21.3	14	1.9
Sultan Kudarat	23	3.0	73	9.5	9	1.2
Cotabato City	4	1.1	19	5.1	2	0.5
City of Kidapawan	4	2.8	30	21.2	5	3.5
General Santos City	36	5.7	64	10.1	22	3.5
City of Koronadal	8	4.6	30	17.2	2	1.1
City of Tacurong	7	7.2	24	24.8	2	2.1
REGION XIII - CARAGA	95	3.6	388	14.6	69	2.6
Agusan del Norte	10	3.5	55	19.3	9	3.2
Agusan del Sur	19	3.1	99	15.9	12	1.9
Surigao del Norte	14	4.2	48	14.4	11	3.3
Surigao del Sur	12	2.7	72	16.1	14	3.1
Dinagat Island	4	2.8	10	7.1	3	2.1
Butuan City	14	4.1	34	10.0	7	2.1
City of Cabadbaran	1	1.3	8	10.1	1	1.3
City of Bayugan	4	3.9	13	12.7	3	2.9
Surigao City	13	8.4	20	12.9	4	2.6
City of Bislig	2	2.1	21	22.1	3	3.2
City of Tandag	2	3.5	8	14.0	2	3.5
ARMM	20	0.6	68	1.9	9	0.3
Basilan	-	0.0	6	2.5	3	1.3
Lanao del Sur	12	1.5	14	1.8	-	0.0
Maguindanao	2	0.2	44	4.2	2	0.2
Sulu	2	0.3	1	0.1	1	0.1
Tawi-tawi	-	0.0	1	0.3	2	0.5
City of Lamitan	-	0.0	2	2.6	1	1.3
Marawi City	4	1.7	-	0.0	-	0.0
FOREIGN COUNTRY	3	~	5	~	5	~

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
PHILIPPINES	3,202	3.1	14,869	14.3
NATIONAL CAPITAL REGION	166	1.3	2,796	21.2
City of Manila	23	1.4	507	30.1
City of Mandaluyong	7	2.0	62	17.4
City of Marikina	5	1.1	63	14.1
City of Pasig	17	2.1	149	18.7
Quezon City	30	0.9	506	15.9
San Juan	1	0.8	21	17.0
Kalookan City	19	1.1	504	29.3
City of Malabon	3	0.8	101	27.8
Navotas	5	1.9	96	36.7
City of Valenzuela	11	1.7	71	11.1
City of Las Piñas	5	0.8	116	19.1
City of Makati	10	1.8	72	12.7
City of Muntinlupa	7	1.5	72	15.0
City of Parañaque	9	1.3	102	14.7
Pasay City	3	0.7	153	36.7
Pateros	1	1.5	51	74.3
City of Taguig	10	1.3	150	19.1
CORDILLERA ADMINISTRATIVE REGION	89	5.0	204	11.4
Abra	10	4.0	54	21.5
Apayao	6	4.9	24	19.5
Benguet	18	3.9	40	8.8
Ifugao	14	6.6	10	4.7
Kalinga	17	7.7	21	9.5
Mt. Province	12	7.4	9	5.5
Baguio City	12	3.3	46	12.5
REGION I - ILOCOS	222	4.3	623	12.2
Ilocos Norte	18	4.1	53	12.2
Ilocos Sur	25	4.3	81	13.8
La Union	28	4.2	75	11.1
Pangasinan	87	3.6	287	11.9
City of Batac	3	5.2	1	1.7
Laoag City	9	8.1	3	2.7
City of Candon	3	4.8	7	11.1
City of Vigan	1	1.9	4	7.6
City of San Fernando	7	5.7	9	7.3
City of Alaminos	5	5.4	7	7.5
Dagupan City	14	7.5	48	25.5
San Carlos City	17	9.0	16	8.5
City of Urdaneta	5	3.7	32	23.8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	196	5.6	447	12.7
Batanes	2	12.0	-	0.0
Cagayan	60	5.7	154	14.5
Isabela	71	5.9	155	12.9
Nueva Vizcaya	18	3.9	32	7.0
Quirino	16	8.1	14	7.1
Tuguegarao City	6	4.0	36	23.8
City of Cauayan	7	5.2	25	18.5
Ilagan City	6	4.1	15	10.3
City of Santiago	10	6.7	16	10.8
REGION III - CENTRAL LUZON	368	3.2	1,492	12.9
Aurora	16	7.3	12	5.5
Bataan	32	4.7	61	9.0
Bulacan	79	3.3	473	19.9
Nueva Ecija	56	3.8	169	11.5
Pampanga	44	2.6	124	7.2
Tarlac	22	2.1	92	8.7
Zambales	30	4.9	61	10.0
City of Balanga	3	3.0	3	3.0
City of Malolos	4	1.4	34	12.2
City of Meycauayan	4	1.8	36	16.1
City of San Jose Del Monte	19	3.4	135	24.0
Cabanatuan City	5	1.6	54	17.5
City of Gapan	6	5.5	14	12.8
Science City of Muñoz	3	3.7	7	8.5
Palayan City	3	7.3	6	14.5
San Jose City	6	4.2	12	8.3
Angeles City	3	0.8	63	17.1
Mabalacat City	6	2.4	18	7.3
City of San Fernando	4	1.2	25	7.5
City of Tarlac	11	3.1	59	16.5
Olangapo City	12	5.1	34	14.3
REGION IVA - CALABARZON	296	2.0	2,074	13.7
Batangas	36	1.9	294	15.8
Cavite	23	1.7	225	16.3
Laguna	19	1.9	82	8.0
Quezon	66	3.7	266	14.7
Rizal	45	2.0	251	11.0
Batangas City	9	2.6	58	16.8
Lipa City	4	1.2	47	14.2
City of Tanauan	3	1.7	40	22.5
Bacoor City	5	0.7	87	12.3
Cavite City	3	3.0	30	30.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
City of Dasmariñas	8	1.1	95	13.1
City of General Trias	6	1.5	37	9.4
Imus City	5	1.3	29	7.5
Tagaytay City	-	0.0	9	12.2
Trece Martires City	7	3.9	25	13.9
City of Biñan	4	1.2	53	15.5
Cabuyao City	5	1.2	33	8.1
City of Calamba	12	2.6	67	14.4
San Pablo City	2	0.7	50	18.4
City of San Pedro	3	0.9	45	13.5
City of Santa Rosa	6	1.7	53	14.6
Lucena City	7	2.5	49	17.5
City of Tayabas	6	5.6	6	5.6
City of Antipolo	12	1.4	143	17.2
REGION IVB - MIMAROPA	125	4.1	237	7.8
Marinduque	13	5.6	6	2.6
Occidental Mindoro	27	5.4	37	7.4
Oriental Mindoro	24	3.3	70	9.8
Palawan	36	4.0	64	7.1
Romblon	13	4.4	19	6.4
Calapan City	4	2.9	16	11.8
Puerto Princesa City	8	3.0	25	9.3
REGION V - BICOL	236	4.0	584	9.9
Albay	29	3.3	76	8.7
Camarines Norte	34	5.7	52	8.8
Camarines Sur	64	3.8	142	8.4
Catanduanes	15	5.6	12	4.5
Masbate	46	5.6	127	15.3
Sorsogon	19	3.2	65	10.8
Legazpi City	5	2.5	19	9.5
City of Ligao	4	3.5	10	8.7
City of Tabaco	2	1.5	10	7.3
Iriga City	2	1.7	11	9.3
Naga City	9	4.5	24	11.9
City of Masbate	4	4.2	21	22.2
City of Sorsogon	3	1.5	15	7.4
REGION VI - WESTERN VISAYAS	313	4.1	819	10.6
Aklan	30	5.0	48	8.1
Antique	19	3.2	46	7.7
Capiz	30	5.1	79	13.5
Guimaras	8	4.5	18	10.1
Iloilo	79	4.2	171	9.1
Negros Occidental	55	5.1	144	13.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
Roxas City	7	3.9	11	6.2
Iloilo City	12	2.6	67	14.4
City of Passi	3	3.5	7	8.1
Bacolod City	11	1.9	72	12.6
Bago City	9	5.1	17	9.6
Cadiz City	7	4.5	17	10.8
City of Escalante	7	6.8	21	20.5
City of Himamaylan	1	0.9	9	8.0
City of Kabankalan	6	3.3	23	12.8
La Carlota City	2	2.9	7	10.2
Sagay City	8	5.4	5	3.4
San Carlos City	4	2.9	15	10.9
Silay City	2	1.5	12	9.3
City of Sipalay	6	8.5	13	18.4
City of Talisay	2	1.8	9	8.1
City of Victorias	5	5.4	8	8.7
REGION VII - CENTRAL VISAYAS	277	3.7	1,167	15.4
Bohol	55	4.5	159	13.0
Cebu	71	3.5	258	12.6
Negros Oriental	29	3.5	112	13.7
Siquijor	3	3.1	6	6.2
Tagbilaran City	4	3.6	20	18.2
City of Bogo	5	7.0	5	7.0
City of Carcar	2	1.7	16	13.8
Cebu City	29	2.9	203	20.3
Danao City	2	1.5	61	47.2
Lapu-Lapu City	18	3.7	78	16.1
Mandaue City	13	3.3	66	16.6
City of Naga	3	2.6	19	16.8
City of Talisay	14	6.0	55	23.5
Toledo City	8	4.9	14	8.6
Bais City	2	2.5	2	2.5
City of Bayawan	9	7.4	24	19.7
Canlaon City	4	7.5	15	28.3
Dumaguete City	4	3.0	23	17.2
City of Guihulngan	2	2.0	23	23.2
City of Tanjay	-	0.0	8	9.4
REGION VIII - EASTERN VISAYAS	176	4.0	536	12.1
Biliran	8	4.5	12	6.8
Eastern Samar	18	4.6	42	10.6
Leyte	68	5.1	155	11.5
Northern Samar	26	4.0	104	16.0
Samar	13	2.6	57	11.3
Southern Leyte	12	3.6	19	5.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
City of Borongan	4	5.8	6	8.7
City of Baybay	6	5.6	7	6.5
Ormoc City	7	3.2	29	13.4
Tacloban City	5	2.0	27	10.7
Calbayog City	3	1.6	46	24.2
City of Catbalogan	4	4.0	18	17.8
City of Maasin	2	2.3	14	15.9
REGION IX - ZAMBOANGA PENINSULA	116	3.0	578	15.2
Zamboanga Del Norte	24	2.9	105	12.6
Zamboanga Del Sur	27	2.9	170	18.4
Zamboanga Sibugay	20	3.1	101	15.7
Dapitan City	9	10.8	11	13.2
Dipolog City	7	5.2	12	8.9
City of Isabela	-	0.0	13	11.1
Pagadian City	3	1.4	49	22.4
Zamboanga City	26	3.0	117	13.6
REGION X - NORTHERN MINDANAO	158	3.2	839	17.2
Bukidnon	47	4.3	233	21.3
Camiguin	3	3.3	3	3.3
Lanao del Norte	17	2.4	108	15.3
Misamis Occidental	5	1.5	60	17.9
Misamis Oriental	23	2.9	86	10.9
City of Malaybalay	6	3.5	47	27.3
City of Valencia	13	6.4	49	24.1
Iligan City	10	2.9	81	23.3
Oroquieta City	4	5.3	10	13.3
Ozamis City	6	4.1	50	34.2
Tangub City	3	4.5	23	34.3
Cagayan de Oro City	18	2.5	70	9.9
Gingoog City	3	2.3	19	14.9
REGION XI - DAVAO	181	3.6	1,019	20.2
Compostela Valley	29	3.8	244	32.0
Davao	32	6.5	90	18.2
Davao Del Sur	19	4.2	71	15.6
Davao Oriental	20	4.7	86	20.2
Davao Occidental	3	0.9	21	6.6
City of Panabo	6	2.9	57	27.9
Island Garden City of Samal	4	3.8	18	17.2
City of Tagum	10	3.4	67	23.0
Davao City	49	2.9	281	16.8
City of Digos	7	4.2	31	18.6
City of Mati	2	1.4	53	37.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2016

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	106	2.2	766	16.1
Cotabato	38	3.0	235	18.3
Saranggani	11	2.0	52	9.3
South Cotabato	21	2.8	128	17.2
Sultan Kudarat	8	1.0	107	13.9
Cotabato City	1	0.3	46	12.4
City of Kidapawan	7	5.0	35	24.8
General Santos City	16	2.5	119	18.8
City of Koronadal	2	1.1	21	12.1
City of Tacurong	2	2.1	23	23.8
REGION XIII - CARAGA	138	5.2	475	17.9
Agusan del Norte	14	4.9	46	16.1
Agusan del Sur	27	4.3	129	20.8
Surigao del Norte	15	4.5	31	9.3
Surigao del Sur	29	6.5	88	19.6
Dinagat Island	5	3.6	7	5.0
Butuan City	19	5.6	45	13.3
City of Cabadbaran	6	7.6	20	25.2
City of Bayugan	5	4.9	35	34.1
Surigao City	12	7.7	44	28.3
City of Bislig	5	5.3	21	22.1
City of Tandag	1	1.7	9	15.7
ARMM	13	0.4	197	5.5
Basilan	2	0.8	13	5.4
Lanao del Sur	2	0.3	42	5.3
Maguindanao	6	0.6	78	7.5
Sulu	2	0.3	25	3.2
Tawi-tawi	1	0.3	6	1.5
City of Lamitan	-	0.0	15	19.7
Marawi City	-	0.0	18	7.7
FOREIGN COUNTRY	26	~	16	~

Table 30

MORTALITY: 17 CAUSE GROUPS
Number, Rate/100,000 Population & Percent Distribution
Philippines, 2016

Cause Group	Male	Female	Both Sexes		
	Number	Number	Number	Rate	Percent
Total Deaths from All Causes	334,678	247,505	582,183	561.4	100.0
Certain infectious and parasitic diseases (A00-B94, B98-B99)	28,738	15,602	44,340	42.8	7.6
Neoplasms (C00-C97, D00-D48)	31,639	32,955	64,594	62.3	11.1
Disases of Blood and Blood Forming Organs (D50-D89)	1,855	2,034	3,889	3.7	0.7
Endocrine, Nutritional and Metabolic Diseases (E00-E88)	20,188	22,383	42,571	41.0	7.3
Mental & Behavioral Disorder (F00-F99)	436	218	654	0.6	0.1
Diseases of the Nervous System and Sense Organs (G00-G99;H00-H94)	4,364	3,392	7,756	7.5	1.3
Diseases of Circulatory System (I00-I13; I20-I64; I67-I95; I98-I99)	111,511	86,996	198,507	191.4	34.1
Diseases of the Respiratory System (J00-J94; J96-J99)	49,355	38,784	88,139	85.0	15.1
Diseases of Digestive System (K00-K90; K92-K99)	15,609	7,194	22,803	22.0	3.9
Diseases of the skin and subcutaneous tissues (L00-L99)	945	1,246	2,191	2.1	0.4
Diseases of Musculoskeletal System and connective tissue (M00-M95; M97-M99)	1,170	1,410	2,580	2.5	0.4
Diseases of Genito-Urinary System (N00-N98)	13,994	9,532	23,526	22.7	4.0
Complication of pregnancy and the puerperium (O00-O07; O10-O79; O85-O99)	-	1,483	1,483	1.4	0.3
Certain conditions originating in the perinatal period (P00-P96)	5,793	3,992	9,785	9.4	1.7
Congenital Anomalies (Q00-Q99)	2,656	2,444	5,100	4.9	0.9
Ill-defined and unknown causes of mortality (R00-R68; R70-R99)	9,851	9,988	19,839	19.1	3.4
Accidents, violence other external causes of poisoning & injury (V01-Y89)	36,574	7,852	44,426	42.8	7.6

Table 31

**MORTALITY: COMMUNICABLE DISEASES, MALIGNANT NEOPLASM
AND DISEASES OF THE HEART**
Number & Rate/100,000 Population
Philippines, 1966-2016

YEAR	Communicable Diseases		Malignant Neoplasms		Diseases of the Heart	
	Number	Rate	Number	Rate	Number	Rate
2016	103,849	100.1	60,470	58.3	138,230	133.3
2015	93,807	92.9	58,715	58.1	136,879	135.6
2014	93,502	93.6	54,277	54.3	132,825	133.0
2013	92,745	94.6	53,601	54.7	118,740	121.1
2012	94,116	97.8	50,507	52.5	112,581	117.0
2011	93,228	98.8	50,763	53.8	107,294	113.7
2010	90,591	96.4	49,817	53.0	102,936	109.5
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

Table 32

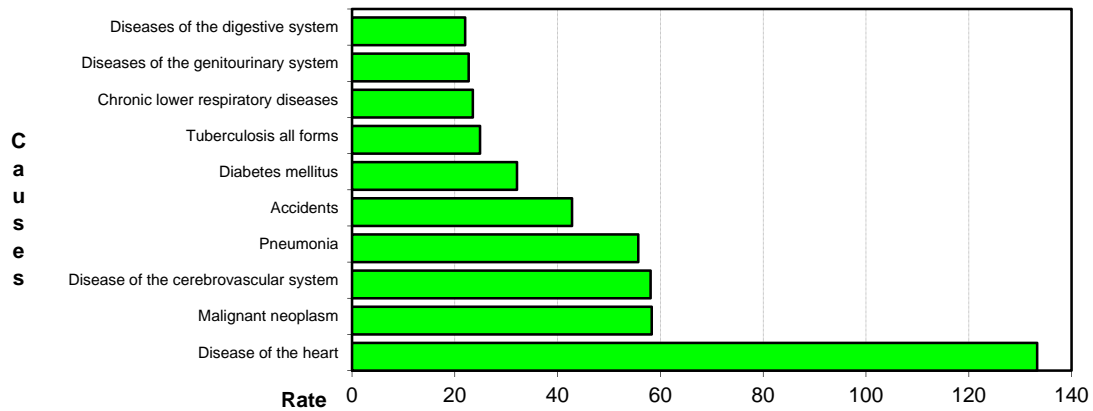
MORTALITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population
Philippines
2016, 2006, 1996

Causes	2016	
	Number	Rate
1. Diseases of the heart (I00-I51)	138,230	133.3
2. Malignant neoplasms (C00-C97)	60,470	58.3
3. Diseases of the cerebrovascular system (I60-I99)	60,277	58.1
4. Pneumonia (J12-J18)	57,809	55.7
5. Accidents ** (V01-Y89)	44,426	42.8
6. Diabetes mellitus (E10-E14)	33,295	32.1
7. Tuberculosis, all forms (A15-A19)	25,843	24.9
8. Chronic lower respiratory diseases (J40-J47)	24,365	23.5
9. Diseases of the genitourinary system (N00-N98)	23,526	22.7
10. Diseases of the digestive system (K00-K92)	22,803	22.0

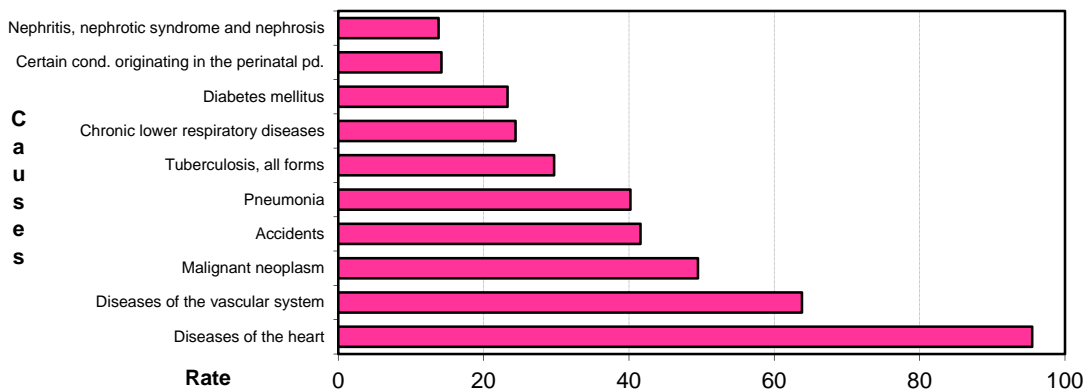
Causes	2006	
	Number	Rate
1. Diseases of the heart (I00-I09,I11,I13,I20-I52)	83,081	95.5
2. Diseases of the vascular system (I10,I12,I60-I64,I67-I78,I80-I99)	55,466	63.8
3. Malignant neoplasms (C00-C97)	43,043	49.5
4. Accidents (V01-Y89)	36,162	41.6
5. Pneumonia (J12-J18)	34,958	40.2
6. Tuberculosis, all forms (A15-A19, B90)	25,860	29.7
7. Chronic lower respiratory diseases (J40-J47)	21,216	24.4
8. Diabetes mellitus (E10-E14)	20,239	23.3
9. Certain conditions originating in the perinatal period (P00-P99)	12,334	14.2
10. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	11,981	13.8

Causes	1996	
	Number	Rate
1. Diseases of the heart	53,865	77.0
2. Diseases of the vascular system	41,511	59.3
3. Pneumonias	33,319	47.6
4. Malignant neoplasms	30,339	43.4
5. Tuberculosis, all forms	27,408	39.2
6. Accidents	16,554	23.7
7. Chronic obstructive pulmonary diseases and allied conditions	12,482	17.8
8. Diabetes mellitus	7,677	11.0
9. Nephritis, nephrotic syndrome and nephrosis	7,364	10.5
10. Other diseases of the respiratory system	7,333	10.5

Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 2016



Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 2006



Mortality: Leading Causes
Rate / 100,000 Population, Philippines, 1996

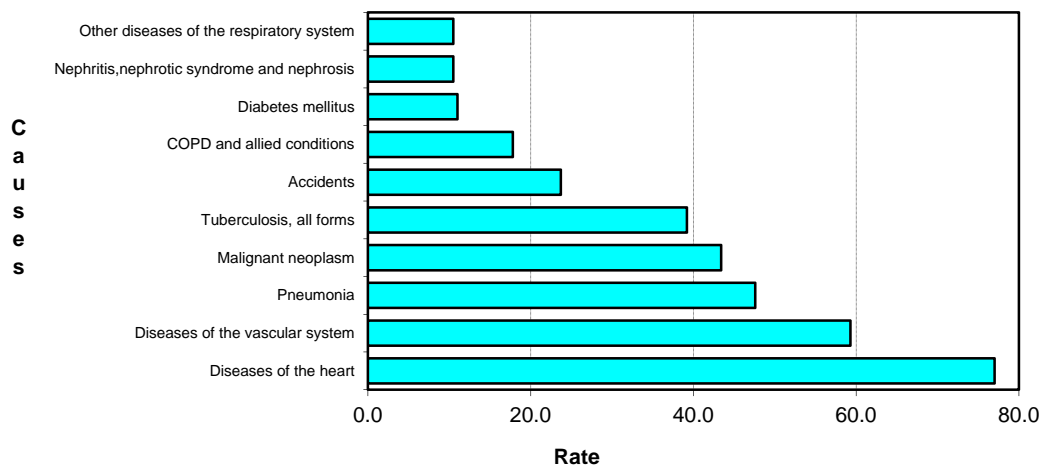


Figure 20

Table 33

INFANT MORTALITY: BY SMALLER AGE GROUPS
Number, Rate/1000 Livebirths & Percent Distribution
Philippines
5 - Year Average (2011-2015) & 2016

Age	5-Year Average (2011-2015)				2016			
	Number	Rate	% of Neonatal Deaths	% of Infant Deaths	Number	Rate	% of Neonatal Deaths	% of Infant Deaths
Under 1 Year	21,677	12.3		100.0	21,874	12.6		100.0
Under 28 Days	12,120	6.9	100.0	55.9	11,573	6.7	100.0	52.9
0 - 7 Days	9,290	5.3	76.7	42.9	8,800	5.1	76.0	40.2
8 - 13 Days	1,420	0.8	11.7	6.5	1,416	0.8	12.2	6.5
14 - 20 Days	776	0.4	6.4	3.6	742	0.4	6.4	3.4
21- 27 Days	635	0.3	5.2	2.9	615	0.4	5.3	2.8
28 Days to Under 1 Year	9,558	5.5		44.1	10,301	5.9		47.1
28 - 59 days	2,238	1.3		10.3	2,396	1.4		11.0
2 Months	1,269	0.7		5.9	1,284	0.7		5.9
3 Months	951	0.5		4.4	1,074	0.6		4.9
4 Months	852	0.5		3.9	952	0.5		4.4
5 Months	768	0.4		3.6	899	0.5		4.1
6 Months	727	0.4		3.4	794	0.5		3.6
7 Months	674	0.4		3.1	690	0.4		3.2
8 Months	635	0.4		2.9	656	0.4		3.0
9 Months	523	0.3		2.4	566	0.3		2.6
10 Months	463	0.3		2.1	499	0.3		2.3
11 Months	456	0.3		2.1	491	0.3		2.2

Note: Sum may not add up to total due to rounding off.

Table 34

INFANT MORTALITY: TEN (10) LEADING CAUSES
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2016

CAUSE	Number	Rate	Percent*
Pneumonia (J12-J18)	2,885	1.7	13.2
Respiratory distress of newborn (P22)	2,263	1.3	10.3
Bacterial sepsis of newborn (P36)	2,136	1.2	9.8
Congenital malformations of the heart (Q20-Q24)	1,407	0.8	6.4
Diarrhea and gastroenteritis of infectious origin (A09)	1,328	0.8	6.1
Disorders relating to lenght of gestation and fetal growth (P05-P08)	1,202	0.7	5.5
Other respiratory conditions of newborn (P24-P28)	1,196	0.7	5.5
Other congenital malformationss (Q10-Q18, Q30-Q89)	1,000	0.6	4.6
Intrauterine hypoxia and birth asphyxia (P20-P21)	832	0.5	3.8
Remainder of diseases of the respiratory system (J30-J98)	780	0.5	3.6

* Percent share from total number of infant deaths (21,874), all causes, Philippines

INFANT MORTALITY: BY SMALLER AGE GROUPS
Percent Distribution
Philippines, 2016

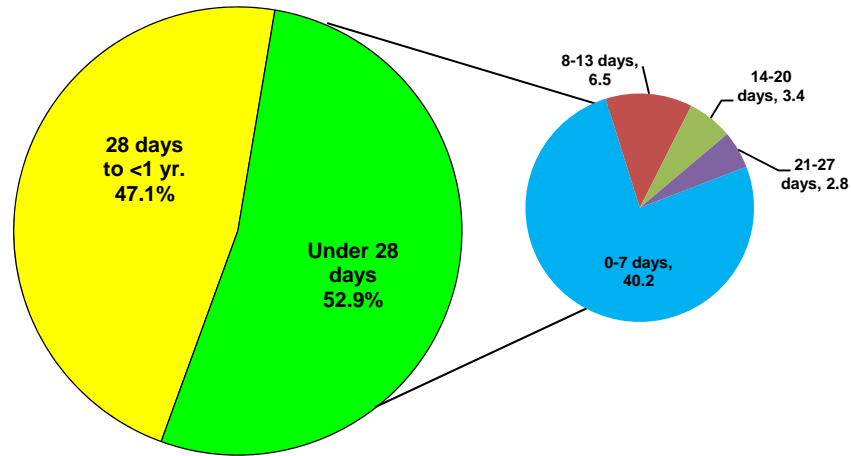


Figure 21

INFANT MORTALITY : TEN (10) LEADING CAUSES
Rate / 1,000 Livebirth
Philippines, 2016

Causes of Death

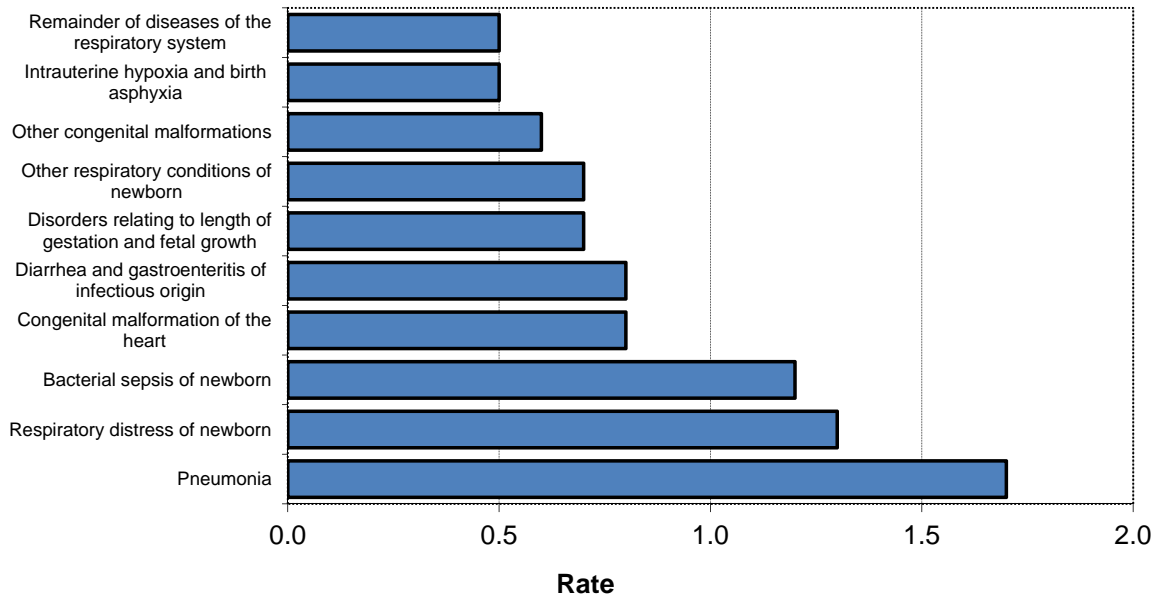


Figure 22

Table 35

INFANT MORTALITY: BY SEX AND REGION
Number & Rate/1000 Livebirths
Philippines, 2016

Area	Both Sexes		Male	Female
	Number	Rate	Number	Number
PHILIPPINES	21,874	12.6	12,566	9,308
National Capital Region	3,687	16.8	2,126	1,561
Cordillera Administrative Region	250	8.5	137	113
Region I - Ilocos	1,205	14.7	662	543
Region II - Cagayan Valley	604	10.3	355	249
Region III- Central Luzon	2,480	13.0	1,424	1,056
Region IVA - CALABARZON	3,727	14.8	2,124	1,603
Region IVB- MIMAROPA	693	14.2	411	282
Region V - Bicol	1,517	13.1	866	651
Region VI - Western Visayas	1,383	12.0	775	608
Region VII - Central Visayas	1,828	12.6	1,048	780
Region VIII - Eastern Visayas	682	9.1	376	306
Region IX - Zamboanga Peninsula	594	9.3	340	254
Region X - Northern Mindanao	1,000	11.2	610	390
Region XI - Davao	1,000	11.0	598	402
Region XII - SOCCSKSARGEN	666	8.4	381	285
Region XIII - CARAGA	345	7.8	205	140
ARMM	209	6.7	125	84
Foreign Country*	4	4.5	3	1

* 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, 2016

Cause		Number	Rate	Percent*
1	Eclampsia (O15)	298	0.2	20.1
2	Gestational [pregnancy-induced] hypertension with significant proteinuria (O14)	265	0.2	17.9
3	Abnormality of forces of labor (O62)	158	0.1	10.7
4	Postpartum hemorrhage (O72)	153	0.1	10.3
5	Complications of the puerperium, not elsewhere classified (O90)	109	0.1	7.3
6	Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (O99)	73	0.0	4.9
7	Ectopic pregnancy (O00)	48	0.0	3.2
8	Premature separation of placenta [abruptio placentae](O45)	47	0.0	3.2
9	Obstetric embolism (O88)	47	0.0	3.2
10	Hydatidiform mole (O01)	40	0.0	2.7

* Percent share to total number of maternal deaths (n=1,483)

MATERNAL MORTALITY BY MAIN CAUSE

Percent Distribution
Philippines, 2016

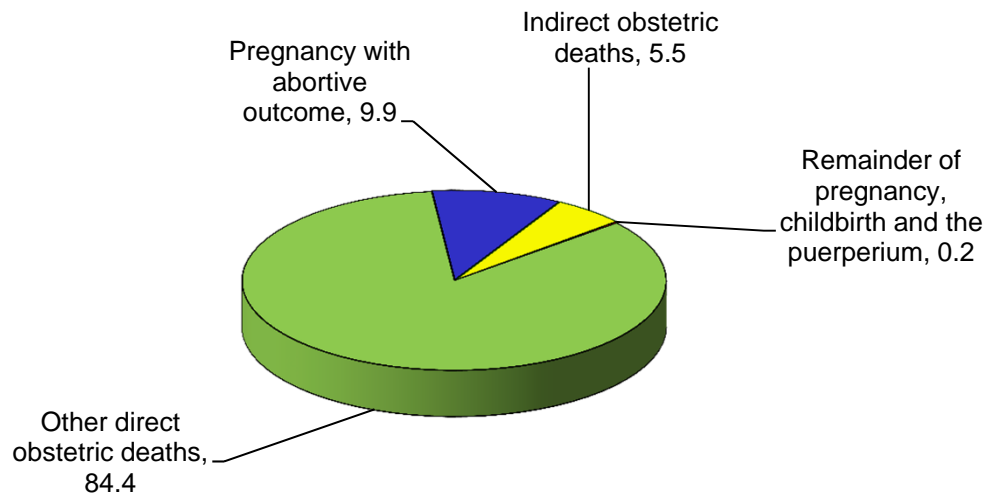


Figure 23

MATERNAL MORTALITY BY REGION

Rate / 1,000 Livebirths
Philippines, 2016

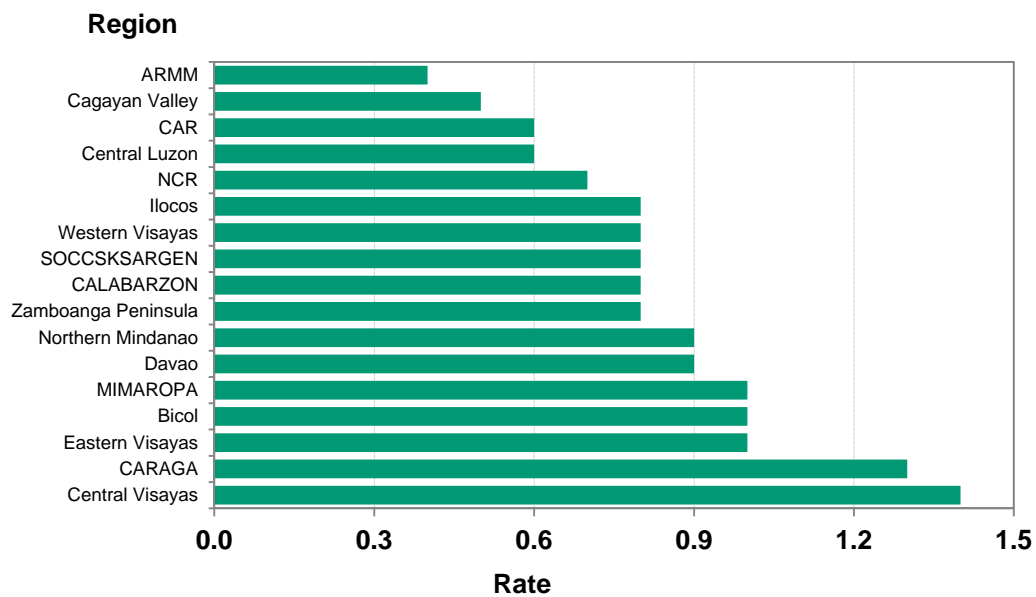


Figure 24

Table 37

MATERNAL MORTALITY: BY AGE GROUP OF MOTHER & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2016

Region	Age Distribution					
	Total			Under 15 years		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	1,481	0.9	100.0	2	1.1	100.0
National Capital Region	159	0.7	10.7	-	0.0	-
C.A.R.	18	0.6	1.2	-	0.0	-
Ilocos	69	0.8	4.7	-	0.0	-
Cagayan Valley	29	0.5	2.0	-	0.0	-
Central Luzon	112	0.6	7.6	-	0.0	-
Calabarzon	213	0.8	14.4	-	0.0	-
Mimaropa	49	1.0	3.3	-	0.0	-
Bicol	118	1.0	8.0	-	0.0	-
Western Visayas	91	0.8	6.1	1	10.1	50.0
Central Visayas	201	1.4	13.6	-	0.0	-
Eastern Visayas	75	1.0	5.1	-	0.0	-
Zamboanga Peninsula	53	0.8	3.6	-	0.0	-
Northern Mindanao	79	0.9	5.3	-	0.0	-
Davao	86	0.9	5.8	-	0.0	-
SOCCSKSARGEN	62	0.8	4.2	1	9.5	50.0
ARMM	11	0.4	0.7	-	0.0	-
CARAGA	56	1.3	3.8	-	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 OF MOTHER & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2016

Region	Age Distribution					
	15 - 19 years			20 - 24 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	132	0.7	100.0	256	0.5	100.0
National Capital Region	12	0.5	9.1	29	0.5	11.3
C.A.R.	3	0.9	2.3	3	0.4	1.2
Ilocos	5	0.5	3.8	17	0.7	6.6
Cagayan Valley	1	0.1	0.8	4	0.2	1.6
Central Luzon	5	0.2	3.8	14	0.3	5.5
Calabarzon	21	0.8	15.9	36	0.5	14.1
Mimaropa	5	0.8	3.8	7	0.5	2.7
Bicol	9	0.7	6.8	19	0.6	7.4
Western Visayas	9	0.8	6.8	13	0.4	5.1
Central Visayas	23	1.5	17.4	36	0.8	14.1
Eastern Visayas	4	0.4	3.0	16	0.7	6.3
Zamboanga Peninsula	5	0.6	3.8	7	0.4	2.7
Northern Mindanao	8	0.6	6.1	20	0.8	7.8
Davao	11	0.9	8.3	17	0.6	6.6
SOCCSKSARGEN	7	0.6	5.3	8	0.3	3.1
ARMM	-	0.0	0.0	1	0.2	0.4
CARAGA	4	0.7	3.0	9	0.7	3.5

* 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 OF MOTHER & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2016

Region	Age Distribution					
	25 - 29 years			30 -34 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	250	0.6	100.0	299	0.9	100.0
National Capital Region	22	0.4	8.8	31	0.7	10.4
C.A.R.	4	0.5	1.6	3	0.5	1.0
Ilocos	13	0.6	5.2	13	0.8	4.3
Cagayan Valley	5	0.3	2.0	9	0.9	3.0
Central Luzon	22	0.4	8.8	22	0.6	7.4
Calabarzon	31	0.5	12.4	47	0.9	15.7
Mimaropa	9	0.8	3.6	8	0.9	2.7
Bicol	27	0.9	10.8	19	0.9	6.4
Western Visayas	15	0.5	6.0	16	0.7	5.4
Central Visayas	34	0.9	13.6	39	1.5	13.0
Eastern Visayas	16	0.9	6.4	16	1.3	5.4
Zamboanga Peninsula	9	0.6	3.6	9	0.8	3.0
Northern Mindanao	9	0.4	3.6	19	1.3	6.4
Davao	16	0.7	6.4	21	1.3	7.0
SOCCSKSARGEN	10	0.5	4.0	14	1.0	4.7
ARMM	-	0.0	0.0	3	0.5	1.0
CARAGA	8	0.7	3.2	10	1.3	3.3

* 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 OF MOTHER & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2016

Region	Age Distribution					
	35 - 39 years			40 - 44 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	335	1.7	100.0	177	2.7	100.0
National Capital Region	44	1.7	13.1	18	2.6	10.2
C.A.R.	3	0.9	0.9	2	1.9	1.1
Ilocos	13	1.4	3.9	7	2.4	4.0
Cagayan Valley	8	1.3	2.4	2	1.0	1.1
Central Luzon	33	1.5	9.9	14	2.3	7.9
Calabarzon	57	1.9	17.0	19	2.1	10.7
Mimaropa	6	1.2	1.8	13	6.5	7.3
Bicol	25	1.8	7.5	15	2.7	8.5
Western Visayas	17	1.2	5.1	17	3.3	9.6
Central Visayas	40	2.5	11.9	25	4.6	14.1
Eastern Visayas	16	2.0	4.8	5	1.6	2.8
Zamboanga Peninsula	17	2.4	5.1	5	2.0	2.8
Northern Mindanao	14	1.5	4.2	9	2.6	5.1
Davao	13	1.5	3.9	7	2.3	4.0
SOCCSKSARGEN	12	1.4	3.6	7	2.4	4.0
ARMM	5	1.2	1.5	1	0.7	0.6
CARAGA	12	2.5	3.6	11	5.9	6.2

* 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 OF MOTHER & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2016

Region	Age Distribution					
	45 - 49 years			50 years & Over		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	27	4.1	100.0	3	7.8	100.0
National Capital Region	3	5.1	11.1	-	0.0	0.0
C.A.R.	-	0.0	0.0	-	0.0	0.0
Ilocos	1	3.3	3.7	-	0.0	0.0
Cagayan Valley	-	0.0	0.0	-	0.0	0.0
Central Luzon	1	1.7	3.7	1	18.9	33.3
Calabarzon	1	1.3	3.7	1	22.7	33.3
Mimaropa	1	4.8	3.7	-	0.0	0.0
Bicol	4	6.7	14.8	-	0.0	0.0
Western Visayas	3	4.9	11.1	-	0.0	0.0
Central Visayas	4	8.0	14.8	-	0.0	0.0
Eastern Visayas	2	6.5	7.4	-	0.0	0.0
Zamboanga Peninsula	1	3.3	3.7	-	0.0	0.0
Northern Mindanao	-	0.0	0.0	-	0.0	0.0
Davao	1	3.8	3.7	-	0.0	0.0
SOCCSKSARGEN	2	5.5	7.4	1	41.7	33.3
ARMM	1	3.1	3.7	-	0.0	0.0
CARAGA	2	12.0	7.4	-	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 38

FETAL DEATHS BY TYPE OF ATTENDANCE & REGION
Number & Percent Distribution
Philippines, 2016

Area	Type of Attendance												
	Total Fetal Deaths	Physician		Nurse		Midwife		Hilot/Unlicensed Midwife		Others		Not Stated	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Philippines	8,020	6,685	83.4	22	0.3	419	5.2	361	4.5	41	0.5	492	6.1
NCR	1,586	1,493	94.1	3	0.2	27	1.7	18	1.1	13	0.8	32	2.0
CAR	125	112	89.6	-	0.0	2	1.6	-	0.0	-	0.0	11	8.8
Ilocos	452	398	88.1	1	0.2	10	2.2	8	1.8	2	0.4	33	7.3
Cagayan Valley	143	122	85.3	-	0.0	4	2.8	4	2.8	-	0.0	13	9.1
Central Luzon	758	624	82.3	1	0.1	32	4.2	27	3.6	1	0.1	73	9.6
Calabarzon	1,226	932	76.0	3	0.2	101	8.2	95	7.7	3	0.2	92	7.5
Mimaropa	187	157	84.0	-	0.0	9	4.8	10	5.3	-	0.0	11	5.9
Bicol	743	615	82.8	4	0.5	33	4.4	66	8.9	-	0.0	25	3.4
Western Visayas	436	339	77.8	-	0.0	39	8.9	24	5.5	2	0.5	32	7.3
Central Visayas	926	726	78.4	7	0.8	83	9.0	34	3.7	13	1.4	63	6.8
Eastern Visayas	243	180	74.1	1	0.4	14	5.8	19	7.8	2	0.8	27	11.1
Zamboanga Peninsula	152	126	82.9	-	0.0	8	5.3	5	3.3	1	0.7	12	7.9
Northern Mindanao	317	258	81.4	1	0.3	11	3.5	18	5.7	-	0.0	29	9.1
Davao	394	316	80.2	-	0.0	32	8.1	17	4.3	1	0.3	28	7.1
SOCCSKSARGEN	209	180	86.1	-	0.0	9	4.3	9	4.3	3	1.4	8	3.8
CARAGA	117	102	87.2	1	0.9	5	4.3	6	5.1	-	0.0	3	2.6
ARMM	5	4	80.0	-	0.0	-	0.0	1	20.0	-	0.0	-	0.0
Foreign Country	1	1	100.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0

FETAL DEATHS BY ATTENDANCE

Percent Distribution
Philippines, 2016

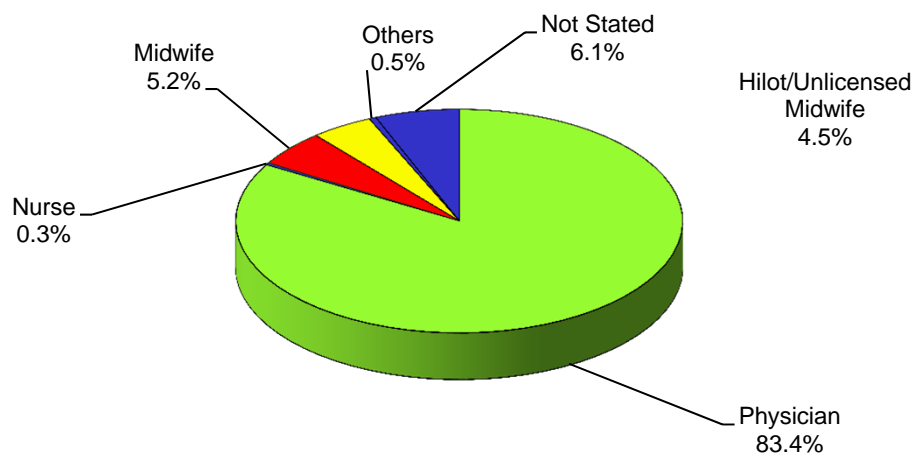


Figure 25

FETAL DEATHS BY AGE OF MOTHER

Ratio / 1,000 Livebirths
Philippines, 2016

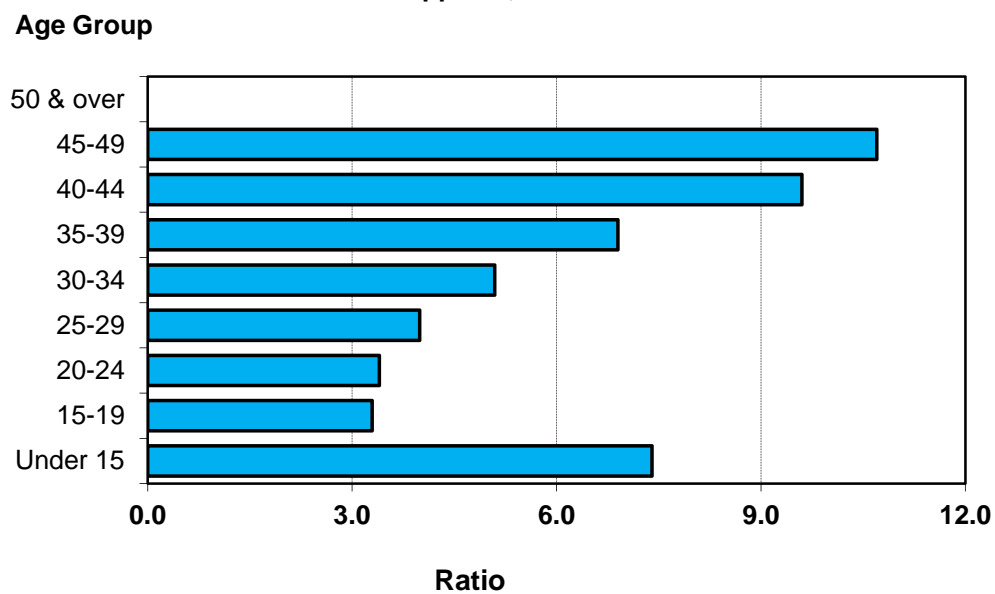


Figure 26

Table 39

LEADING CAUSES OF FETAL DEATHS BY BIRTH WEIGHT

Number and Percent*

Philippines, 2016

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	3,886	861	22.2	505	13.0	595	15.3
P21.9	Birth asphyxia, unspecified	929	114	12.3	130	14.0	167	18.0
P02.0	Fetus and newborn affected by other and unspecified morphological and functional abnormalities of placenta	720	82	11.4	96	13.3	146	20.3
P20.9	Intrauterine hypoxia, unspecified	543	151	27.8	83	15.3	75	13.8
P07.3	Disorders related to short gestation and low birth weight, not elsewhere classified, other preterm infants	347	97	28.0	84	24.2	66	19.0
P02.5	Fetus and newborn affected by other compression of umbilical cord	198	24	12.1	26	13.1	48	24.2
P07.1	Disorders related to short gestation and low birth weight, not elsewhere classified, other low birth weight	171	1	0.6	53	31.0	60	35.1
P07.0	Disorders related to short gestation and low birth weight, not elsewhere classified, extreme immaturity	117	73	62.4	16	13.7	17	14.5
Q89.7	Multiple congenital malformations not elsewhere classified	104	36	34.6	20	19.2	13	12.5
P22.0	Respiratory distress syndrome of newborn	90	20	22.2	10	11.1	16	17.8
Q00.0	Anencephaly	76	23	30.3	14	18.4	15	19.7
P24.0	Neonatal aspiration of meconium	70	13	18.6	2	2.9	4	5.7
P20.1	Intrauterine hypoxia first noted during labour and delivery	57	8	14.0	-	0.0	1	1.8
P96.0	Congenital renal failure	56	14	25.0	10	17.9	9	16.1
P07.0	Disorders related to short gestation and low birth weight, not elsewhere classified, extremely low birth weight	55	53	96.4	-	0.0	-	0.0
P20.0	Intrauterine hypoxia first noted before onset of labor	55	3	5.5	10	18.2	9	16.4
Q89.9	Congenital malformation, unspecified	44	10	22.7	8	18.2	9	20.5
P02.1	Fetus and newborn affected by other forms of placental separation and haemorrhage	39	5	12.8	7	17.9	12	30.8
P29.0	Neonatal cardiac failure	38	2	5.3	2	5.3	12	31.6
P36.9	Bacterial sepsis of newborn, unspecified	32	8	25.0	2	6.3	6	18.8
P76.0	Meconium plug syndrome	28	4	14.3	0	0.0	1	3.6

Table 39

LEADING CAUSES OF FETAL DEATHS BY BIRTH WEIGHT

Number and Percent*

Philippines, 2016

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	518	13.3	684	17.6	468	12.0	157	4.0
Birth asphyxia, unspecified	137	14.7	164	17.7	144	15.5	41	4.4
Fetus and newborn affected by other and unspecified morphological and functional abnormalities of placenta	130	18.1	124	17.2	89	12.4	33	4.6
Intrauterine hypoxia, unspecified	66	12.2	92	16.9	46	8.5	15	2.8
Disorders related to short gestation and low birth weight, not elsewhere classified, other preterm infants	42	12.1	26	7.5	23	6.6	6	1.7
Fetus and newborn affected by other compression of umbilical cord	27	13.6	28	14.1	31	15.7	6	3.0
Disorders related to short gestation and low birth weight, not elsewhere classified, other low birth weight	57	33.3	-	0.0	-	0.0	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, extreme immaturity	4	3.4	2	1.7	3	2.6	1	0.9
Multiple congenital malformations not elsewhere classified	13	12.5	8	7.7	5	4.8	5	4.8
Respiratory distress syndrome of newborn	13	14.4	11	12.2	13	14.4	3	3.3
Anencephaly	7	9.2	13	17.1	2	2.6	-	0.0
Neonatal aspiration of meconium	10	14.3	18	25.7	19	27.1	3	4.3
Intrauterine hypoxia first noted during labour and delivery	2	3.5	23	40.4	16	28.1	5	8.8
Congenital renal failure	2	3.6	12	21.4	6	10.7	2	3.6
Disorders related to short gestation and low birth weight, not elsewhere classified, extremely low birth weight	1	1.8	1	1.8	-	0.0	-	0.0
Intrauterine hypoxia first noted before onset of labor	12	21.8	11	20.0	8	14.5	2	3.6
Congenital malformation, unspecified	5	11.4	3	6.8	6	13.6	1	2.3
Fetus and newborn affected by other forms of placental separation and haemorrhage	6	15.4	5	12.8	4	10.3	-	0.0
Neonatal cardiac failure	2	5.3	14	36.8	2	5.3	3	7.9
Bacterial sepsis of newborn, unspecified	4	12.5	6	18.8	4	12.5	1	3.1
Meconium plug syndrome	2	7.1	13	46.4	6	21.4	2	7.1

Table 39

LEADING CAUSES OF FETAL DEATHS BY BIRTH WEIGHT

Number and Percent*

Philippines, 2016

CAUSES	BIRTH WEIGHT (IN GRAMS)							
	4,000 - 4,499		4,500 - 4,999		5,000 & OVER		Not Stated	
	No.	%	No.	%	No.	%	No.	%
Fetal death of unspecified cause	49	1.3	25	0.6	12	0.3	12	0.3
Birth asphyxia, unspecified	17	1.8	8	0.9	6	0.6	1	0.1
Fetus and newborn affected by other and unspecified morphological and functional abnormalities of placenta	13	1.8	2	0.3	5	0.7	-	0.0
Intrauterine hypoxia, unspecified	7	1.3	4	0.7	3	0.6	1	0.2
Disorders related to short gestation and low birth weight, not elsewhere classified, other preterm infants	1	0.3	-	0.0	0	0.0	2	0.6
Fetus and newborn affected by other compression of umbilical cord	4	2.0	3	1.5	1	0.5	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, other low birth weight	-	0.0	-	0.0	-	0.0	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, extreme immaturity	1	0.9	-	0.0	-	0.0	-	0.0
Multiple congenital malformations not elsewhere classified	2	1.9	2	1.9	-	0.0	-	0.0
Respiratory distress syndrome of newborn	3	3.3	-	0.0	-	0.0	1	1.1
Anencephaly	2	2.6	-	0.0	-	0.0	-	0.0
Neonatal aspiration of meconium	1	1.4	-	0.0	-	0.0	-	0.0
Intrauterine hypoxia first noted during labour and delivery	2	3.5	-	0.0	-	0.0	-	0.0
Congenital renal failure	1	1.8	-	0.0	-	0.0	-	0.0
Disorders related to short gestation and low birth weight, not elsewhere classified, extremely low birth weight	-	0.0	-	0.0	-	0.0	-	0.0
Intrauterine hypoxia first noted before onset of labor	-	0.0	-	0.0	-	0.0	-	0.0
Congenital malformation, unspecified	1	2.3	-	0.0	1	2.3	-	0.0
Fetus and newborn affected by other forms of placental separation and haemorrhage	-	0.0	-	0.0	-	0.0	-	0.0
Neonatal cardiac failure	1	2.6	-	0.0	-	0.0	-	0.0
Bacterial sepsis of newborn, unspecified	1	3.1	-	0.0	-	0.0	-	0.0
Meconium plug syndrome	-	0.0	-	0.0	-	0.0	-	0.0

Table 40

FETAL DEATHS BY AGE OF MOTHER AND BIRTH ORDER
Philippines, 2016

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	Undefined
First	2,643	14	524	858	604	328	173	50	8	-	79	5
Second	1,804	-	104	473	527	423	209	58	3	-	7	-
Third	1,276	-	12	184	336	352	295	82	9	-	6	-
Fourth	799	-	-	42	165	227	242	107	10	-	6	-
Fifth	461	-	-	14	55	137	149	95	9	-	2	-
Sixth	292	-	-	3	29	75	105	71	8	-	1	-
Seventh	167	-	-	1	6	35	72	49	4	-	-	-
Eight & Over	209	-	-	-	3	23	73	94	16	-	-	-
Not Stated	369	-	27	74	61	56	35	19	4	-	91	2
Total Fetal Death	8,020	14	667	1,649	1,786	1,656	1,353	625	71	-	192	7
Percent	100.0	0.2	8.3	20.6	22.3	20.6	16.9	7.8	0.9	-	2.4	0.1
Ratio *	4.6	7.4	3.3	3.4	4.0	5.1	6.9	9.6	10.7	-	39.2	~
Total Livebirths by Age of Mother	1,731,289	1,903	201,182	487,763	444,205	322,878	196,493	64,960	6,622	387	4,896	~

* 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, 2016

Cause	1-4 Years			
	Male	Female	Both Sexes	Rate*
1 Pneumonia, organism unspecified (J18)	911	801	1,712	20.1
2 Diarrhea and gastroenteritis of infectious origin (A09)	516	430	946	11.1
3 Unspecified drowning and submersion (W74)	257	154	411	4.8
4 Other septicemia (A41)	193	185	378	4.4
5 Other congenital malformations of heart (Q24)	169	182	351	4.1
6 Dengue hemorrhagic fever (A91)	111	219	330	3.9
7 Bacterial meningitis, not elsewhere classified (G00)	122	106	228	2.7
8 Dengue fever [classical dengue](A90)	77	113	190	2.2
9 Status asthmaticus (J46)	84	91	175	2.1
10 Motor- or nonmotor-vehicle accident, type of vehicle unspecified (V89)	101	53	154	1.8

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

Cause	5-9 Years			
	Male	Female	Both Sexes	Rate*
1 Pneumonia, organism unspecified (J18)	303	234	537	5.0
2 Unspecified drowning and submersion (W74)	328	173	501	4.7
3 Dengue hemorrhagic fever (A91)	132	214	346	3.2
4 Dengue fever [classical dengue](A90)	90	137	227	2.1
5 Motor- or nonmotor-vehicle accident, type of vehicle unspecified (V89)	148	78	226	2.1
6 Other septicemia (A41)	99	70	169	1.6
7 Infantile cerebral palsy (G80)	99	67	166	1.6
8 Diarrhea and gastroenteritis of infectious origin (A09)	76	87	163	1.5
9 Other congenital malformations of heart (Q24)	59	87	146	1.4
10 Bacterial meningitis, not elsewhere classified (G00)	64	48	112	1.0

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

Cause	10-14 Years			
	Male	Female	Both Sexes	Rate*
1 Pneumonia, organism unspecified (J18)	199	172	371	3.4
2 Unspecified drowning and submersion (W74)	229	123	352	3.2
3 Motor- or nonmotor-vehicle accident, type of vehicle unspecified (V89)	176	71	247	2.3
4 Other rheumatic heart diseases (I09)	83	84	167	1.5
5 Infantile cerebral palsy (G80)	71	47	118	1.1
6 Other congenital malformations of heart (Q24)	46	68	114	1.0
7 Dengue hemorrhagic fever (A91)	55	57	112	1.0
8 Unspecified event, undetermined intent (Y34)	71	41	112	1.0
9 Other septicemia (A41)	55	45	100	0.9
10 Diarrhea and gastroenteritis of infectious origin (A09)	46	41	87	0.8

Note: Excludes other ill-defined and unspecified causes of mortality (R99) n=98, 10th rank

* 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, 2016

Cause	Total		Under 1		1 - 4 Years		5 - 9 Years		10 - 14 Years	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1. Measles (B05)	4	0.0	-	0.0	2	0.0	2	0.0	-	0.0
2. Tetanus (A33, A35)	105	0.3	30	1.5	22	0.3	25	0.2	28	0.3
3. Tuberculosis, all forms (A15-A19; B90)	500	1.6	44	2.2	159	1.9	129	1.2	168	1.5
4. Diphtheria (A36)	27	0.1	2	0.1	13	0.2	6	0.1	6	0.1
5. Acute Poliomyelitis, including late effects (A80, B91)	4	0.0	-	0.0	-	0.0	-	0.0	4	0.0

* population of specific age group