

The 2019 Philippine Health Statistics

*Epidemiology Bureau
Department of Health*

Republic of the Philippines
Department of Health
EPIDEMIOLOGY BUREAU
Manila

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TABLE OF CONTENTS

	Page
List of Tables	vi
List of Figures	viii
Definition of Terms	ix
Formula of Vital Health Indicators	xii
Introduction	
Sources of Data	1
Classification of Data	3
Analysis and Interpretation of Data	4
Nativity Statistics	25
Morbidity Statistics	49
Mortality Statistics	74
General Mortality	75
Maternal Mortality	78
Infant Mortality	79
Fetal Deaths	80
Mortality Among Lower Age Groups	81
Mortality Among Immunizable Diseases	81

LIST OF TABLES

	Page
Table 1 Estimated Population by Sex, Philippines, 1969-2019	7
Table 2 Estimated Population by Region, Province & City, Philippines, 2019	8
Table 3 Estimated Population, Number and Percent Distribution by Age Group and Sex, Philippines 2019	12
Table 4 Livebirths, Total Deaths, Infant Deaths, Maternal Deaths and Fetal Deaths Number & Rate, Philippines, 1969-2019	13
Table 5 Livebirths, Total Deaths, Infant Deaths, Fetal Deaths and Maternal Deaths, By Region, Province & City, Number & Rate, Philippines, 2019	15
Table 6 Livebirths, Total Deaths, Infant Deaths & Fetal Deaths by Month of Occurrence Number & Percent Distribution, Philippines, 2019	21
Table 7 Total Livebirths, Female Population and Fertility Rate, by Region, Philippines 2019	23
Table 8 Frequency Distribution of Livebirths, by Sex, Region, Province & City, Philippines, 2019	27
Table 9 Frequency Distribution of Livebirths, by Attendance, Region, Province & City, Philippines, 2019	33
Table 10 Percent Distribution of Livebirths by Attendance, Region, Province & City, Philippines, 2019	39
Table 11 Number and Percent Distribution of Livebirths by Age Group of Mother, Philippines, 2019	46
Table 12 Livebirths by Age of Mother and Number of Living Children, Philippines, 2019	47
Table 13 Livebirths by Age of Mother & Region, Philippines, 2019	48
Table 14 Morbidity: Ten (10) Leading Causes, Number & Rate/100,000 Population, Philippines, 2019	52
Table 15 Morbidity: Ten (10) Leading Causes by Sex, Number & Rate/100,000 Population Philippines, 2019	53
Table 16 Regional Morbidity: Ten (10) Leading Causes, Number & Rate/100,000 Population Philippines, 2019	54
Table 17 Notifiable Diseases by Region, Number & Rate/100,000 Population, Philippines, 2019	60
Table 18 Notifiable Diseases: Reported Cases & Deaths, Number & Rate/100,000 Population, Philippines, 1999-2019	66
Table 19 Mortality: All Causes by Age Group & Sex, Number, Rate/100,000 Population & Percent Distribution, Philippines, 2019	82
Table 20 Mortality: All Causes by Sex and Region Number, Rate/1,000 Population & Percent Distribution, Philippines, 2019	83
Table 21 Mortality: All Causes by Age, Sex and Region, Number & Percent Distribution Philippines, 2019	85
Table 22 Mortality: Ten (10) Leading Causes by Sex, Number, Rate/100,000 Population and Percent Distribution, Philippines, 2019	90
Table 23 Mortality: Ten (10) Leading Causes, Number & Rate/100,000 Population 5-Year Average (2014-2018) & 2019	91
Table 24 Ten (10) Leading Causes of Mortality Among Males, Philippines, 2019	93
Table 25 Ten (10) Leading Causes of Mortality Among Females, Philippines, 2019	94
Table 26 Mortality: Ten (10) Leading Causes by Attendance, Number & Percent Distribution Philippines, 2019	95
Table 27 Mortality by Attendance, Region, Province & City, Number & Percent Distribution Philippines, 2019	97

Table 28	Mortality: By Cause, Age Group & Sex, Number & Rate/100,000 Population Philippines, 2019	103
Table 29	Selected Causes of Death by Region, Province & City , Number & Rate/100,000 Population, Philippines, 2019	143
Table 30	Mortality: 17 Cause Groups, Number, Rate/100,000 Population & Percent Distribution Philippines, 2019	191
Table 31	Mortality: Communicable Diseases, Malignant Neoplasm and Diseases of the Heart Number & Rate/100,000 Population, Philippines, 1969-2019	192
Table 32	Mortality: Ten (10) Leading Causes, Number & Rate/100,000 Population Philippines, 2019, 2009 & 1999	193
Table 33	Infant Mortality by Smaller Age Groups, Number, Rate/1,000 Livebirths & Percent Distribution, Philippines, 5-Year Average (2014-2018) and 2019	195
Table 34	Infant Mortality: Ten (10) Leading Causes, Number, Rate/1,000 Livebirths & Percent Distribution, Philippines, 2019	196
Table 35	Infant Mortality by Sex and Region, Number & Rate/1,000 Livebirths, Philippines, 2019	198
Table 36	Maternal Mortality by Main Cause, Number, Rate/1,000 Livebirths & Percent Distribution, Philippines, 2019	199
Table 37	Maternal Mortality by Age Group and Region, Number, Rate/1,000 Livebirths & Percent Distribution, Philippines, 2019	201
Table 38	Fetal Deaths by Type of Attendance and Region, Number and Percent Distribution, Philippines, 2019	206
Table 39	Leading Causes of Fetal Deaths by Birth Weight, Number & Percent Philippines, 2019	208
Table 40	Fetal Deaths by Age of Mother and Birth Weight, Philippines, 2019	211
Table 41	Mortality Among Lower Age Group: Ten Leading Causes by Age Group and Sex Number and Rate/100,000 Population, Philippines, 2019	212
Table 42	Mortality Among Immunizable Diseases (Under1; 1-4; 5-9; 10-14 years) Number & Rate/100,000 Population, Philippines, 2019	213

LIST OF FIGURES

	Page
Figure 1 Philippine Health Picture, 1999-2019	6
Figure 2 Estimated Population, Philippines, 1969-2019	11
Figure 3 Estimated Population, Percent Distribution by Age Group and Sex , Philippines 2019	11
Figure 4 Crude Birth and Death Rates, Rate /1,000 Population, Philippines, 1969-2019	14
Figure 5 Infant and Maternal Death Rates, Rate /1,000 Livebirths, Philippines, 1969-2019	14
Figure 6 Health Indices by Month of Occurrence, Percent Distribution, Philippines, 2019	22
Figure 7 Fertility Rate by Region, Philippines, 2019	24
Figure 8 Livebirths by Attendance, Philippines, 2019	24
Figure 9 Number of Livebirths by Age of Mother, Philippines, 2019	45
Figure 10 Livebirths by Region, Percent Distribution, Philippines, 2019	45
Figure 11 Morbidity: Ten (10) Leading Causes, Rate/100,000 Population, Philippines, 2019	51
Figure 12 Morbidity: Ten (10) Leading Causes by Sex, Rate/100,000 Population, Philippines, 2019	51
Figure 13 Morbidity and Mortality Trends, Rate/ 100,000 Population, Philippines, 1999-2019	70
Figure 14 Mortality: All Causes by Age Group, Rate/1,000 Population, Philippines, 2019	84
Figure 15 Mortality: All Causes by Region, Percent Distribution, Philippines, 2019	84
Figure 16 Mortality: Ten (10) Leading Causes, Percent Distribution, Philippines, 2019	92
Figure 17 Mortality: Ten (10) Leading Causes by Sex, Percent Distribution, Philippines, 2019	92
Figure 18 Mortality: Ten (10) Leading Causes by Attendance, Percent Distribution, Philippines, 2019	96
Figure 19 Mortality Trend: Communicable Diseases, Malignant Neoplasms and Diseases of the Heart, Rate/100,000 Population, Philippines, 1969-2019	96
Figure 20 Mortality: Leading Causes, Rate/100,000 Population, Philippines, 2019, 2009 and 1999	194
Figure 21 Infant Mortality by Smaller Age-Groups, Percent Distribution, Philippines, 2019	197
Figure 22 Infant Mortality: Ten (10) Leading Causes, Rate/1,000 Livebirths, Philippines, 2019	197
Figure 23 Maternal Mortality by Main Cause, Percent Distribution, Philippines, 2019	200
Figure 24 Maternal Mortality by Region, Rate/1,000 Livebirths, Philippines, 2019	200
Figure 25 Fetal Deaths by Attendance, Percent Distribution , Philippines, 2019	207
Figure 26 Fetal Deaths by Age of Mother, Ratio / 1,000 Livebirths, Philippines, 2019	207

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)

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

Proportionate Mortality (PM)

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

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 *2019 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 Republic Act No. 11332 also known as the “Mandatory Reporting of Notifiable Diseases and Health Events of Public Health Concern Act” mandates all public and private physicians, allied medical personnel, professional societies, hospitals, clinics, health facilities, laboratories, institutions, workplaces, schools, prisons, ports, airports, establishments, communities, other government agencies, and NGOs to accurately and immediately report notifiable diseases and health events of public health concern as issued by the DOH. The Epidemiology Bureau (EB) of DOH will then prepare a Morbidity Statistics as part of the Field Health Service Information System (FHSIS) Annual Report.

3. Population Statistics

The reference for the population used in this report was the PSA's updated population projections based on the results of the 2015 POPCEN which was accessed through:

<http://www.psa.gov.ph/statistics/census/projected-population>

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-one (81) provinces and one hundred forty-three (143) 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

1999- 2019

	<p>ESTIMATED POPULATION Increased from 74,745,756 to 107,288,150 43.5% Increase</p>
	<p>CRUDE BIRTH RATE Decreased from 21.6 to 15.6 27.8% Decrease</p>
	<p>CRUDE DEATH RATE Increased from 4.7 to 5.8 23.4% Increase</p>
	<p>INFANT DEATH RATE Declined from 15.6 to 13.0 16.7% Decrease</p>
	<p>MATERNAL DEATH RATE Increased from 0.8 to 0.9 12.5% Increase</p>
	<p>FETAL DEATH RATIO Decreased from 6.1 to 5.4 11.5% Decrease</p>

Table 1**ESTIMATED POPULATION BY SEX****Philippines, 1969-2019**

Year	Both Sexes	Male	Female
2019	107,288,150	54,201,305	53,086,845
2018	105,755,180	53,441,468	52,313,712
2017	104,921,400	52,927,400	51,994,000
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

Table 2

**ESTIMATED POPULATION
By Region, Province & City
Philippines, 2019**

Area	Population	Area	Population
PHILIPPINES	107,288,150	Tuguegarao City	161,229
NATIONAL CAPITAL REGION	13,633,497	City of Cauayan	135,634
City of Manila	1,884,691	Ilagan City	152,436
City of Mandaluyong	408,961	City of Santiago	141,191
City of Marikina	477,212		
City of Pasig	799,657		
Quezon City	3,108,546		
City of San Juan	129,355	REGION III - CENTRAL LUZON	12,105,494
Caloocan City	1,677,000	Aurora	225,093
City of Malabon	386,991	Bataan	718,348
City of Navotas	264,113	Bulacan	2,454,801
City of Valenzuela	656,858	Nueva Ecija	1,587,034
City of Las Piñas	623,478	Pampanga	1,786,108
City of Makati	616,817	Tarlac	1,081,040
City of Muntinlupa	534,137	Zambales	631,951
City of Parañaque	704,924		
Pasay City	440,983		
Pateros	67,589		
Taguig City	852,185		
CORDILLERA ADMINISTRATIVE REGION	1,791,881		
Abra	246,265	City of Balanga	103,832
Apayao	123,022	City of Malolos	274,187
Benguet	472,644	City of Meycauayan	227,424
Ifugao	209,204	City of San Jose Del Monte	624,450
Kalinga	218,823	Cabanatuan City	324,820
Mt. Province	156,545	City of Gapan	118,547
		Science City of Muñoz	87,573
Baguio City	365,378	Palayan City	44,108
		San Jose City	150,182
REGION I - ILOCOS	5,225,800	Angeles City	448,128
Ilocos Norte	438,742	Mabalacat City	273,034
Ilocos Sur	593,009	City of San Fernando	333,847
La Union	693,523	City of Tarlac	361,735
Pangasinan	2,476,763	Olongapo City	249,252
		REGION IVA - CALABARZON	15,742,673
		Batangas	2,042,778
		Cavite	1,532,283
		Laguna	1,075,517
		Quezon	1,849,425
		Rizal	2,301,129
		Batangas City	362,542
		Lipa City	365,302
		City of Tanauan	190,535
		Bacoor City	671,320
		Cavite City	114,910
		City of Dasmariñas	736,606
		City of General Trias	351,306
		Imus City	451,323
		Tagaytay City	79,561
		Trece Martires City	174,045
		City of Biñan	360,638
		Cabuyao City	334,341
		City of Calamba	492,165
		San Pablo City	288,126
		City of San Pedro	352,820
		City of Santa Rosa	383,096
		City of Tayabas	105,040
		Lucena City	280,285
		City of Antipolo	847,580
REGION II - CAGAYAN VALLEY	3,619,689		
Batanes	17,743		
Cagayan	1,098,459		
Isabela	1,239,492		
Nueva Vizcaya	477,238		
Quirino	196,267		

Reference: Updated Projected Mid-Year Population Based on 2015 POPCEN by Five- Year Age Group, Sex, Single-Calendar Year and by Province: 2015 - 2025 ; PSA

Note: Sum of regional and provincial population may not add up to Philippine and regional population, respectively due to rounding off.

Table 2

**ESTIMATED POPULATION
By Region, Province & City
Philippines, 2019**

Area	Population	Area	Population
REGION IVB - MIMAROPA	3,135,503	REGION VII - CENTRAL VISAYAS	7,853,606
Marinduque	239,673	Bohol	1,247,179
Occidental Mindoro	509,991	Cebu	2,257,655
Oriental Mindoro	749,381	Negros Oriental	823,058
Palawan	919,275	Siquijor	99,636
Romblon	299,816	Tagbilaran City	108,412
Calapan City	141,286	City of Bogo	84,346
Puerto Princesa City	276,081	City of Carcar	129,201
REGION V - BICOL	6,071,398	Cebu City	996,145
Albay	916,902	Danao City	147,348
Camarines Norte	615,248	Lapu-Lapu City	440,639
Camarines Sur	1,718,167	Mandaue City	391,558
Catanduanes	270,721	City of Naga	124,976
Masbate	829,493	City of Talisay	245,789
Sorsogon	658,705	Toledo City	183,911
Legazpi City	206,547	Bais City	78,645
City of Ligao	117,012	City of Bayawan	121,538
City of Tabaco	140,613	Canlaon City	56,191
Iriga City	116,743	Dumaguete City	135,431
Naga City	204,748	City of Guihulngan	98,931
City of Masbate	99,277	City of Tanjay	83,017
City of Sorsogon	177,222	REGION VIII - EASTERN VISAYAS	4,680,701
REGION VI - WESTERN VISAYAS	7,835,883	Biliran	177,927
Aklan	599,904	Eastern Samar	422,265
Antique	606,811	Leyte	1,488,663
Capiz	620,094	Northern Samar	661,983
Guimaras	183,226	Samar	514,147
Iloilo	1,944,659	Southern Leyte	350,424
Negros Occidental	1,090,732	City of Borongan	73,547
Roxas City	174,227	City of Baybay	116,344
Iloilo City	469,423	Ormoc City	228,614
City of Passi	84,397	Tacloban City	257,381
Bacolod City	579,141	Calbayog City	191,834
Bago City	176,235	City of Catbalogan	108,389
Cadiz City	159,478	City of Maasin	89,183
City of Escalante	96,961	REGION IX - ZAMBOANGA PENINSULA	3,754,387
City of Himamaylan	110,164	Zamboanga Del Norte	821,312
City of Kabankalan	187,569	Zamboanga Del Sur	831,336
La Carlota City	66,450	Zamboanga Sibugay	670,819
Sagay City	150,759	Dapitan City	84,803
San Carlos City	136,609	Dipolog City	134,542
Silay City	130,831	City of Isabel	124,938
City of Sipalay	72,223	Pagadian City	203,897
City of Talisay	105,355	Zamboanga City	882,740
City of Victorias	90,635		

Reference: Updated Projected Mid-Year Population Based on 2015 POPCEN by Five- Year Age Group, Sex, Single-Calendar Year and by Province: 2015 - 2025 ; PSA

Note: Sum of regional and provincial population may not add up to Philippine and regional population, respectively due to rounding off.

Table 2

**ESTIMATED POPULATION
By Region, Province & City
Philippines, 2019**

Area	Population	Area	Population
REGION X - NORTHERN MINDANAO	4,956,259	REGION XII - SOCCSKSARGEN	4,850,329
Bukidnon	1,104,880	Cotabato	1,453,299
Camiguin	91,700	Saranggani	576,448
Lanao del Norte	717,605	South Cotabato	793,429
Misamis Occidental	337,602	Sultan Kudarat	744,724
Misamis Oriental	761,037	Cotabato City	307,606
City of Malaybalay	184,172	City of Kidapawan	46,494
City of Valencia	203,544	General Santos City	637,981
Iligan City	363,492	City of Koronadal	187,832
Oroquieta City	73,156	City of Tacurong	102,516
Ozamis City	146,637		
Tangub City	65,148	REGION XIII - CARAGA	2,723,012
Cagayan de Oro City	720,826	Agusan del Norte	614,690
El Salvador City	53,537	Agusan del Sur	621,488
Gingoog City	132,923	Surigao del Norte	353,987
		Surigao del Sur	458,403
REGION XI - DAVAO	5,210,081	Dinagat Islands	130,037
Compostela Valley	767,072	Butuan City	94,905
Davao	483,227	City of Cabadbaran	20,441
Davao Del Sur	504,257	City of Bayugan	107,103
Davao Oriental	443,121	Surigao City	165,055
Davao Occidental	334,754	City of Bislig	98,449
City of Panabo	190,537	City of Tandag	58,454
Island Garden City of Samal	107,473		
City of Tagum	267,790	BARMM	4,097,957
Davao City	1,777,752	Basilan	370,536
City of Digos	184,409	Lanao del Sur	907,774
City of Mati	149,689	Maguindanao	1,290,882
		Sulu	894,638
		Tawi-tawi	409,464
		City of Lamitan	7,562
		Marawi City	217,101

Reference: Updated Projected Mid-Year Population Based on 2015 POPCEN by Five- Year Age Group, Sex, Single-Calendar Year and by Province: 2015 - 2025 ; PSA

Note: Sum of regional and provincial population may not add up to Philippine and regional population, respectively due to rounding off.

**ESTIMATED POPULATION
Philippines 1969-2019**

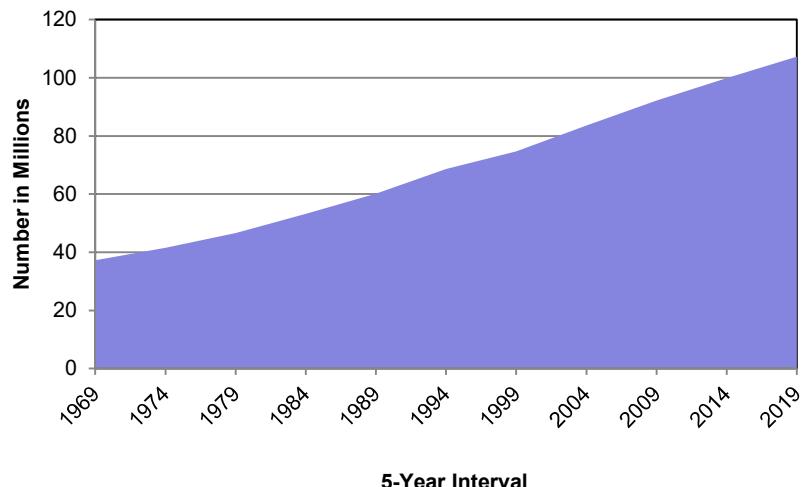


Figure 2

**ESTIMATED POPULATION
Percent Distribution , By Age Group and Sex
Philippines, 2019**

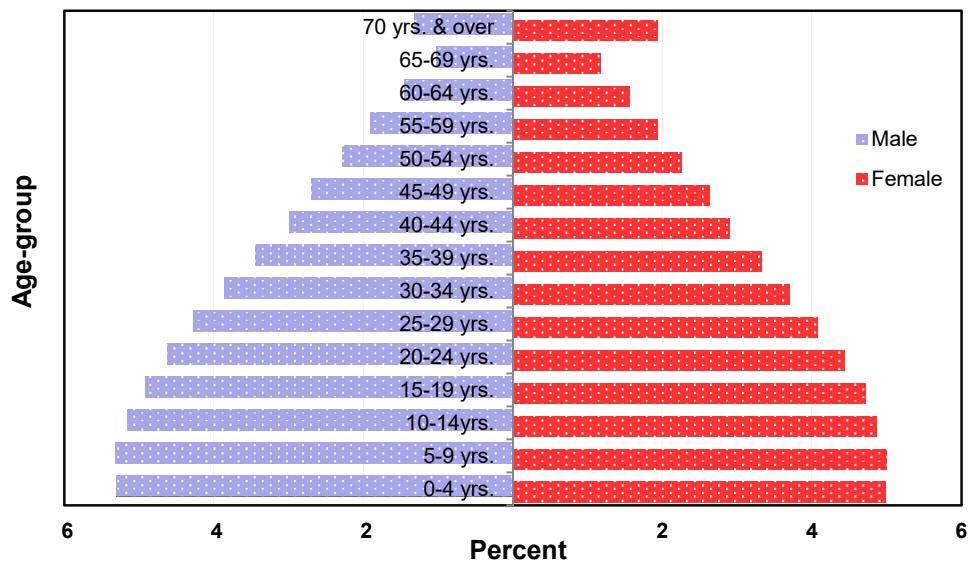


Figure 3

Table 3

ESTIMATED POPULATION
Number and Percent Distribution
By Age Group and Sex
Philippines, 2019

Age Group	Estimated Population			Percent*		
	Male	Female	Both Sexes	Male	Female	Both Sexes
All Ages	54,201,305	53,086,845	107,288,150	50.5	49.5	100.0
Under 1 yr.	1,094,357	1,022,188	2,116,545	1.0	1.0	2.0
1 - 4 yr.	4,594,298	4,319,307	8,913,605	4.3	4.0	8.3
5 - 9 yrs.	5,695,661	5,358,878	11,054,539	5.3	5.0	10.3
10 - 14 yrs.	5,530,663	5,220,178	10,750,841	5.2	4.9	10.0
15 - 19 yrs.	5,270,955	5,054,786	10,325,741	4.9	4.7	9.6
20 - 24 yrs.	4,960,167	4,756,219	9,716,386	4.6	4.4	9.1
25 - 29 yrs.	4,577,286	4,370,198	8,947,484	4.3	4.1	8.3
30 - 34 yrs.	4,142,232	3,970,910	8,113,142	3.9	3.7	7.6
35 - 39 yrs.	3,693,552	3,561,647	7,255,199	3.4	3.3	6.8
40 - 44 yrs.	3,212,507	3,111,609	6,324,116	3.0	2.9	5.9
45 - 49 yrs.	2,890,842	2,824,208	5,715,050	2.7	2.6	5.3
50 - 54 yrs.	2,445,928	2,426,755	4,872,683	2.3	2.3	4.5
55 - 59 yrs.	2,033,921	2,073,827	4,107,748	1.9	1.9	3.8
60 - 64 yrs.	1,559,678	1,672,417	3,232,095	1.5	1.6	3.0
65 - 69 yrs.	1,091,407	1,261,384	2,352,791	1.0	1.2	2.2
70-74 yrs.	676,996	868,564	1,545,560	0.6	0.8	1.4
75-79 yrs.	412,566	612,807	1,025,373	0.4	0.6	1.0
80 yrs. & Over	318,289	600,963	919,252	0.3	0.6	0.9

* Percent share to total population

Table 4

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, MATERNAL DEATHS & FETAL DEATHS
Number & Rate
Philippines, 1969- 2019

Year	Livebirths		Total Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate**	Number	Ratio**
2019	1,673,923	15.6	620,414	5.8	21,723	13.0	1,458	0.9	9,083	5.4
2018	1,668,120	15.8	590,709	5.6	21,019	12.6	1,616	1.0	8,594	5.2
2017	1,700,618	16.2	579,237	5.5	20,311	11.9	1,484	0.9	7,709	4.5
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

* Per 1000 Population

** Per 1000 Livebirths

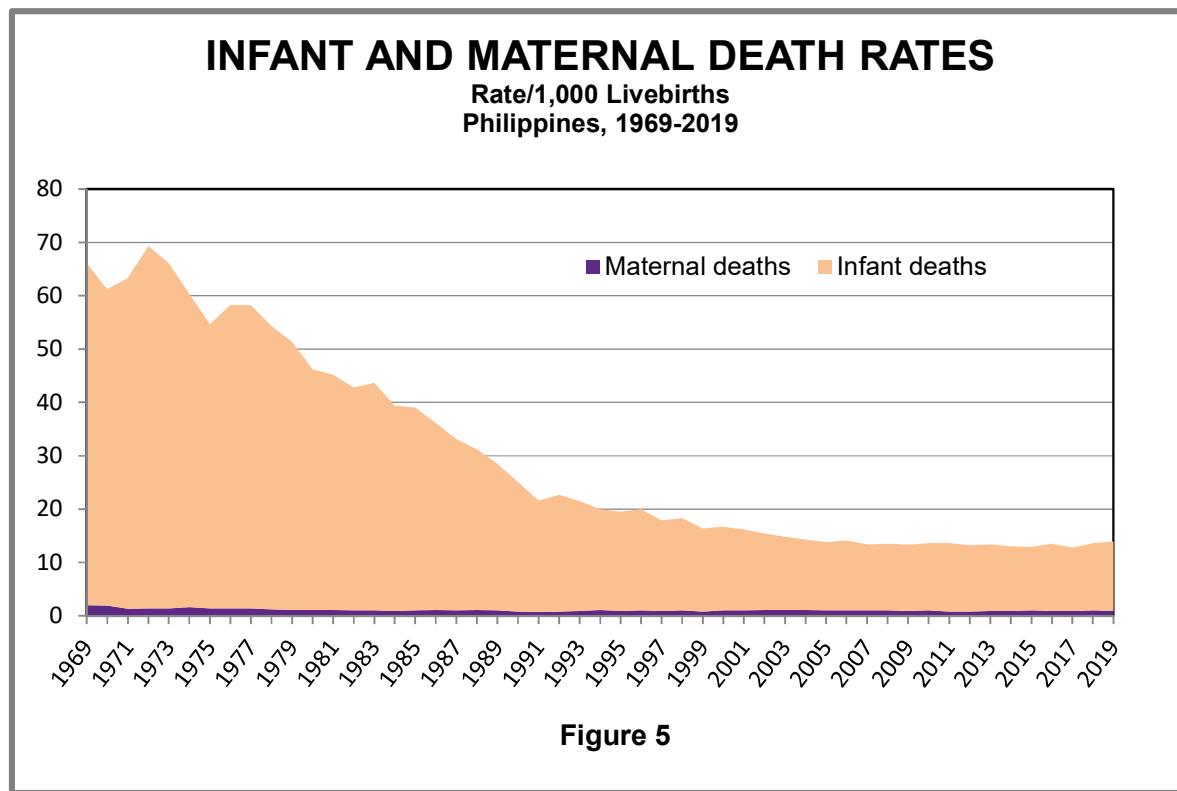
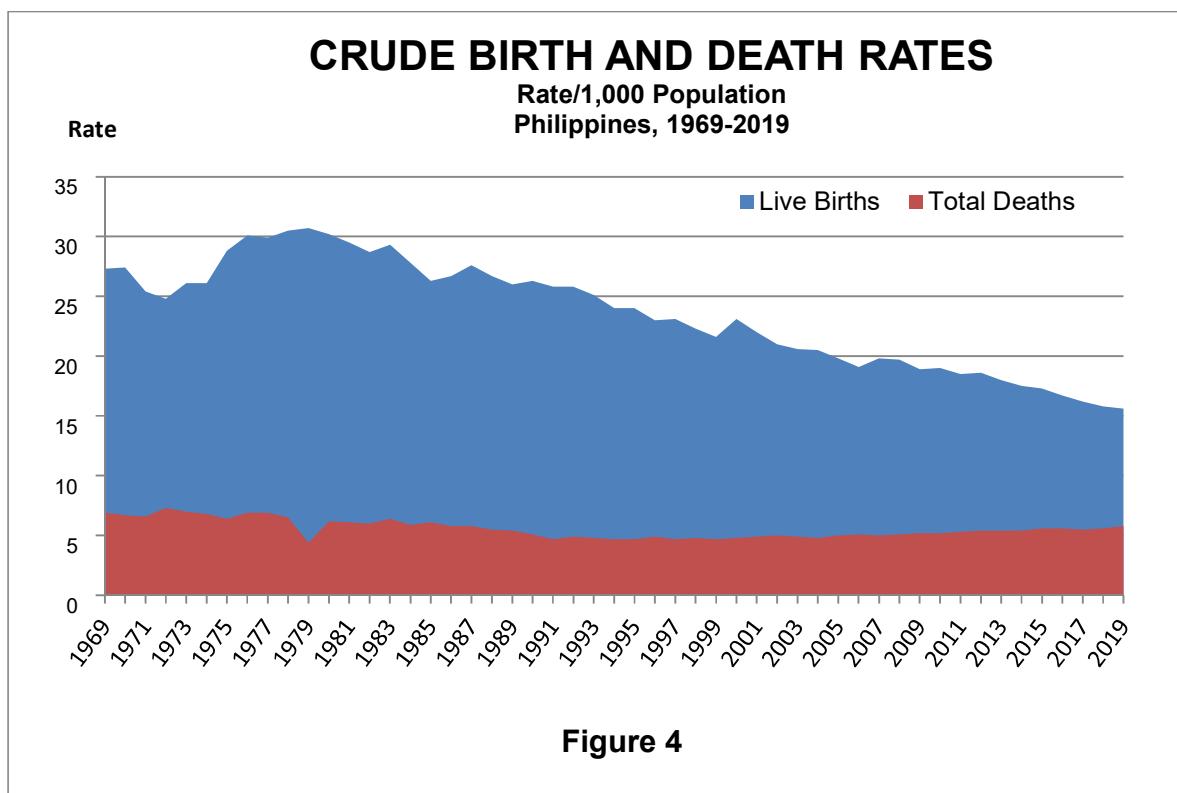


Table 5

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS, FETAL DEATHS & MATERNAL DEATHS
By Region, Province & City
Number & Rate
Philippines, 2019

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
PHILIPPINES	1,673,923	15.6	620,414	5.8	21,723	13.0	9,083	5.4	1,458	0.9
NCR	242,500	17.8	91,867	6.7	4,948	20.4	1,494	6.2	208	0.9
City of Manila	61,738	32.8	20,225	10.7	1,603	26.0	218	3.5	45	0.7
City of Mandaluyong	5,483	13.4	1,957	4.8	73	13.3	31	5.7	6	1.1
City of Marikina	10,880	22.8	4,624	9.7	271	24.9	74	6.8	15	1.4
City of Pasig	18,175	22.7	5,626	7.0	383	21.1	91	5.0	23	1.3
Quezon City	56,037	18.0	23,782	7.7	1,304	23.3	417	7.4	49	0.9
City of San Juan	2,163	16.7	1,038	8.0	21	9.7	5	2.3	-	0.0
Kalookan City	18,857	11.2	7,735	4.6	285	15.1	97	5.1	15	0.8
City of Malabon	3,635	9.4	1,413	3.7	39	10.7	28	7.7	1	0.3
City of Navotas	3,598	13.6	1,188	4.5	36	10.0	49	13.6	2	0.6
City of Valenzuela	9,125	13.9	3,456	5.3	178	19.5	91	10.0	4	0.4
City of Las Piñas	9,413	15.1	4,609	7.4	175	18.6	78	8.3	13	1.4
City of Makati	7,265	11.8	3,182	5.2	91	12.5	51	7.0	10	1.4
City of Muntinlupa	8,470	15.9	3,834	7.2	166	19.6	60	7.1	10	1.2
City of Parañaque	7,690	10.9	2,930	4.2	101	13.1	67	8.7	7	0.9
Pasay City	5,770	13.1	2,497	5.7	68	11.8	48	8.3	1	0.2
Pateros	1,200	17.8	307	4.5	8	6.7	12	10.0	-	0.0
City of Taguig	13,001	15.3	3,464	4.1	146	11.2	77	5.9	7	0.5
CAR	30,355	16.9	9,381	5.2	237	7.8	101	3.3	25	0.8
Abra	2,883	11.7	1,582	6.4	18	6.2	1	0.3	7	2.4
Apaya	3,138	25.5	686	5.6	12	3.8	8	2.5	3	1.0
Benguet	4,748	10.0	1,687	3.6	26	5.5	28	5.9	5	1.1
Ifugao	2,762	13.2	732	3.5	11	4.0	7	2.5	1	0.4
Kalinga	3,866	17.7	871	4.0	16	4.1	6	1.6	2	0.5
Mt. Province	3,330	21.3	895	5.7	34	10.2	18	5.4	1	0.3
Baguio City	9,628	26.4	2,928	8.0	120	12.5	33	3.4	6	0.6
REGION I - ILOCOS	76,008	14.5	34,989	6.7	1,152	15.2	467	6.1	54	0.7
Ilocos Norte	861	2.0	2,180	5.0	13	15.1	35	40.7	-	0.0
Ilocos Sur	5,337	9.0	3,414	5.8	46	8.6	36	6.7	4	0.7
La Union	4,866	7.0	3,220	4.6	41	8.4	33	6.8	1	0.2
Pangasinan	17,616	7.1	11,545	4.7	175	9.9	192	10.9	4	0.2
City of Batac	4,251	74.9	1,620	28.5	105	24.7	18	4.2	11	2.6
Laoag City	2,775	24.3	1,036	9.1	11	4.0	18	6.5	1	0.4
City of Candon	1,464	23.4	577	9.2	14	9.6	5	3.4	-	0.0
City of Vigan	2,228	40.1	701	12.6	31	13.9	7	3.1	2	0.9
City of San Fernando	7,071	55.6	2,841	22.4	236	33.4	25	3.5	5	0.7
City of Alaminos	4,215	45.0	666	7.1	15	3.6	20	4.7	1	0.2
Dagupan City	10,687	59.8	3,973	22.2	334	31.3	38	3.6	15	1.4
San Carlos City	9,188	46.7	2,175	11.1	106	11.5	24	2.6	6	0.7
City of Urdaneta	5,449	39.3	1,041	7.5	25	4.6	16	2.9	4	0.7

* 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, 2019

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
REGION II - CAGAYAN VALLEY	53,001	14.6	22,240	6.1	579	10.9	183	3.5	35	0.7
Batanes	253	14.3	139	7.8	7	27.7	1	4.0	1	4.0
Cagayan	7,819	7.1	4,925	4.5	60	7.7	30	3.8	5	0.6
Isabela	10,481	8.5	5,906	4.8	54	5.2	41	3.9	1	0.1
Nueva Vizcaya	8,371	17.5	2,758	5.8	77	9.2	37	4.4	5	0.6
Quirino	2,908	14.8	935	4.8	37	12.7	9	3.1	2	0.7
Tuguegarao City	9,328	57.9	3,771	23.4	200	21.4	23	2.5	11	1.2
City of Cauayan	3,050	22.5	1,173	8.6	19	6.2	16	5.2	-	0.0
Ilagan City	3,283	21.5	906	5.9	33	10.1	12	3.7	1	0.3
City of Santiago	7,508	53.2	1,727	12.2	92	12.3	14	1.9	9	1.2
REGION III - CENTRAL LUZON	189,443	15.6	72,261	6.0	2,542	13.4	1,008	5.3	136	0.7
Aurora	3,169	14.1	1,145	5.1	26	8.2	7	2.2	2	0.6
Bataan	4,874	6.8	2,617	3.6	30	6.2	107	22.0	2	0.4
Bulacan	28,957	11.8	11,837	4.8	291	10.0	243	8.4	12	0.4
Nueva Ecija	12,942	8.2	7,157	4.5	82	6.3	46	3.6	7	0.6
Pampanga	21,377	12.0	7,384	4.1	76	3.6	78	3.6	3	0.1
Tarlac	9,910	9.2	5,643	5.2	90	9.1	51	5.1	6	0.6
Zambales	9,142	14.5	3,711	5.9	117	12.8	67	7.3	9	1.0
City of Balanga	10,220	98.4	2,445	23.5	250	24.5	40	3.9	11	1.1
City of Malolos	10,032	36.6	4,146	15.1	522	52.0	62	6.2	16	1.6
City of Meycauayan	3,248	14.3	1,006	4.4	27	8.3	24	7.4	1	0.3
City of San Jose Del Monte	7,498	12.0	2,542	4.1	51	6.8	42	5.6	4	0.5
Cabanatuan City	16,311	50.2	4,893	15.1	256	15.7	42	2.6	18	1.1
City of Gapan	1,614	13.6	722	6.1	12	7.4	9	5.6	-	0.0
Science City of Muñoz	91	1.0	421	4.8	2	22.0	2	22.0	-	0.0
Palayan City	105	2.4	173	3.9	1	9.5	-	0.0	-	0.0
San Jose City	3,592	23.9	955	6.4	17	4.7	18	5.0	1	0.0
Angeles City	9,435	21.1	2,646	5.9	85	9.0	44	4.7	5	0.5
Mabalacat City	4,791	17.5	1,270	4.7	25	5.2	22	4.6	2	0.4
City of San Fernando	13,927	41.7	5,016	15.0	232	16.7	36	2.6	17	1.2
City of Tarlac	12,803	35.4	4,227	11.7	269	21.0	64	5.0	14	1.1
Olongapo City	5,405	21.7	2,305	9.2	81	15.0	4	0.7	6	1.1
REGION IVA - CALABARZON	227,584	14.5	83,625	5.3	3,082	13.5	1,604	7.0	214	0.9
Batangas	24,930	12.2	10,081	4.9	266	10.7	206	8.3	17	0.7
Cavite	16,535	10.8	6,797	4.4	153	9.3	160	9.7	5	0.3
Laguna	14,313	13.3	6,553	6.1	180	12.6	74	5.2	7	0.5
Quezon	21,356	11.5	8,769	4.7	199	9.3	165	7.7	14	0.7
Rizal	30,716	13.3	10,049	4.4	356	11.6	193	6.3	12	0.4
Batangas City	8,486	23.4	4,978	13.7	393	46.3	42	4.9	34	4.0
Lipa City	7,839	21.5	2,349	6.4	76	9.7	35	4.5	4	0.5
City of Tanauan	4,445	23.3	1,206	6.3	54	12.1	42	9.4	4	0.9
Bacoor City	6,635	9.9	2,106	3.1	27	4.1	41	6.2	1	0.2
Cavite City	1,609	14.0	761	6.6	20	12.4	11	6.8	4	2.5

* 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, 2019

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
City of Dasmariñas	10,035	13.6	4,067	5.5	138	13.8	82	8.2	21	2.1
City of General Trias	5,474	15.6	1,697	4.8	62	11.3	35	6.4	6	1.1
Imus City	4,551	10.1	1,803	4.0	42	9.2	40	8.8	6	1.3
Tagaytay City	1,112	14.0	572	7.2	14	12.6	4	3.6	1	0.9
Trece Martires City	7,428	42.7	1,568	9.0	162	21.8	38	5.1	11	1.5
City of Biñan	6,760	18.7	1,825	5.1	69	10.2	38	5.6	8	1.2
Cabuyao City	4,059	12.1	1,261	3.8	39	9.6	35	8.6	3	0.7
City of Calamba	9,584	19.5	2,516	5.1	135	14.1	68	7.1	7	0.7
San Pablo City	6,875	23.9	2,283	7.9	61	8.9	35	5.1	5	0.7
City of San Pedro	3,488	9.9	1,314	3.7	39	11.2	26	7.5	3	0.9
City of Santa Rosa	5,530	14.4	1,865	4.9	70	12.7	59	10.7	3	0.5
City of Tayabas	1,102	10.5	573	5.5	17	15.4	14	12.7	1	0.9
Lucena City	10,675	38.1	4,549	16.2	341	31.9	84	7.9	22	2.1
City of Antipolo	14,047	16.6	4,083	4.8	169	12.0	77	5.5	15	1.1
REGION IVB - MIMAROPA	46,181	14.7	16,451	5.2	678	14.7	294	6.4	44	1.0
Marinduque	3,552	14.8	1,394	5.8	37	10.4	30	8.4	1	0.3
Occidental Mindoro	8,234	16.1	2,531	5.0	124	15.1	58	7.0	13	1.6
Oriental Mindoro	7,229	9.6	3,136	4.2	73	10.1	62	8.6	1	0.1
Palawan	10,781	11.7	3,191	3.5	115	10.7	36	3.3	14	1.3
Romblon	4,502	15.0	2,070	6.9	82	18.2	36	8.0	-	0.0
Calapan City	6,606	46.8	2,147	15.2	162	24.5	25	3.8	4	0.6
Puerto Princesa City	5,277	19.1	1,982	7.2	85	16.1	47	8.9	11	2.1
REGION V - BICOL	107,423	17.7	37,606	6.2	1,317	12.3	885	8.2	108	1.0
Albay	12,790	13.9	5,632	6.1	205	16.0	131	10.2	13	1.0
Camarines Norte	12,109	19.7	3,742	6.1	167	13.8	177	14.6	10	0.8
Camarines Sur	18,874	11.0	7,349	4.3	155	8.2	206	10.9	14	0.7
Catanduanes	4,985	18.4	1,771	6.5	51	10.2	44	8.8	4	0.8
Masbate	9,281	11.2	3,185	3.8	68	7.3	21	2.3	19	2.0
Sorsogon	7,707	11.7	2,934	4.5	32	4.2	25	3.2	2	0.3
Legazpi City	7,365	35.7	2,290	11.1	94	12.8	37	5.0	11	1.5
City of Ligao	2,600	22.2	894	7.6	19	7.3	16	6.2	1	0.4
City of Tabaco	2,005	14.3	912	6.5	17	8.5	18	9.0	1	0.5
Iriga City	2,074	17.8	981	8.4	25	12.1	20	9.6	-	0.0
Naga City	16,328	79.7	4,745	23.2	317	19.4	87	5.3	22	1.3
City of Masbate	5,528	55.7	1,368	13.8	115	20.8	99	17.9	6	1.1
City of Sorsogon	5,777	32.6	1,803	10.2	52	9.0	4	0.7	5	0.9
REGION VI - WESTERN VISAYAS	105,505	13.5	53,709	6.9	1,251	11.9	530	5.0	75	0.7
Aklan	9,401	15.7	4,129	6.9	95	10.1	42	4.5	10	1.1
Antique	6,640	10.9	3,986	6.6	113	17.0	59	8.9	6	0.9
Capiz	4,773	7.7	3,100	5.0	43	9.0	16	3.4	-	0.0
Guimaras	2,021	11.0	856	4.7	15	7.4	14	6.9	-	0.0
Iloilo	18,838	9.7	10,422	5.4	167	8.9	93	4.9	1	0.1
Negros Occidental	9,648	8.8	4,845	4.4	60	6.2	53	5.5	7	0.7

* 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, 2019

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
Roxas City	5,521	31.7	1,934	11.1	63	11.4	16	2.9	4	0.7
Iloilo City	14,788	31.5	7,008	14.9	273	18.5	47	3.2	9	0.6
City of Passi	1,003	11.9	420	5.0	12	12.0	7	7.0	-	0.0
Bacolod City	9,186	15.9	8,311	14.4	247	26.9	51	5.6	23	2.5
Bago City	1,118	6.3	851	4.8	10	8.9	11	9.8	1	0.9
Cadiz City	2,578	16.2	989	6.2	13	5.0	13	5.0	2	0.8
City of Escalante	974	10.0	756	7.8	17	17.5	9	9.2	2	2.1
City of Himamaylan	1,003	9.1	573	5.2	12	12.0	9	9.0	-	0.0
City of Kabankalan	4,451	23.7	1,198	6.4	30	6.7	17	3.8	2	0.4
La Carlota City	622	9.4	411	6.2	5	8.0	5	8.0	-	0.0
Sagay City	2,673	17.7	716	4.7	4	1.5	7	2.6	-	0.0
San Carlos City	3,327	24.4	995	7.3	25	7.5	23	6.9	4	1.2
Silay City	5,324	40.7	1,055	8.1	29	5.4	16	3.0	3	0.6
City of Sipalay	654	9.1	329	4.6	10	15.3	8	12.2	1	1.5
City of Talisay	415	3.9	426	4.0	4	9.6	9	21.7	-	0.0
City of Victorias	547	6.0	399	4.4	4	7.3	5	9.1	-	0.0
REGION VII - CENTRAL VISAYAS	140,585	17.9	50,651	6.4	1,644	11.7	919	6.5	158	1.1
Bohol	13,673	11.0	6,677	5.4	142	10.4	90	6.6	4	0.3
Cebu	22,724	10.1	10,328	4.6	183	8.1	230	10.1	15	0.7
Negros Oriental	6,885	8.4	3,844	4.7	53	7.7	34	4.9	2	0.3
Siquijor	1,239	12.4	772	7.7	13	10.5	8	6.5	-	0.0
Tagbilaran City	7,294	67.3	2,698	24.9	122	16.7	31	4.3	3	0.4
City of Bogo	4,160	49.3	642	7.6	46	11.1	17	4.1	1	0.2
City of Carcar	4,314	33.4	885	6.8	30	7.0	25	5.8	2	0.5
Cebu City	32,060	32.2	12,268	12.3	613	19.1	199	6.2	91	2.8
Danao City	4,241	28.8	864	5.9	28	6.6	39	9.2	1	0.2
Lapu-Lapu City	7,584	17.2	1,685	3.8	38	5.0	64	8.4	7	0.9
Mandaue City	11,371	29.0	1,737	4.4	77	6.8	71	6.2	4	0.4
City of Naga	1,964	15.7	620	5.0	17	8.7	19	9.7	1	0.5
City of Talisay	4,319	17.6	1,317	5.4	69	16.0	26	6.0	1	0.2
Toledo City	2,802	15.2	833	4.5	14	5.0	13	4.6	3	1.1
Bais City	1,313	16.7	440	5.6	9	6.9	1	0.8	-	0.0
City of Bayawan	1,936	15.9	627	5.2	19	9.8	11	5.7	1	0.5
Canlaon City	569	10.1	236	4.2	12	21.1	7	12.3	-	0.0
Dumaguete City	10,229	75.5	3,236	23.9	140	13.7	29	2.8	21	2.1
City of Guihulngan	1,707	17.3	529	5.3	16	9.4	3	1.8	1	0.6
City of Tanjay	201	2.4	413	5.0	3	14.9	2	10.0	-	0.0
REGION VIII - EASTERN VISAYAS	66,999	14.3	25,747	5.5	571	8.5	203	3.0	66	1.0
Biliran	3,023	17.0	1,054	5.9	34	11.2	31	10.3	3	1.0
Eastern Samar	4,509	10.7	1,595	3.8	14	3.1	7	1.6	1	0.2
Leyte	15,753	10.6	6,790	4.6	75	4.8	40	2.5	8	0.5
Northern Samar	8,312	12.6	3,160	4.8	95	11.4	30	3.6	15	1.8
Samar	3,868	7.5	1,598	3.1	15	3.9	3	0.8	2	0.5
Southern Leyte	2,873	8.2	1,896	5.4	35	12.2	31	10.8	-	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, 2019

Area	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths		Maternal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Ratio**	Number	Rate**
City of Borongan	1,849	25.1	495	6.7	18	9.7	4	2.2	2	1.1
City of Baybay	1,368	11.8	662	5.7	5	3.7	3	2.2	1	0.7
Ormoc City	6,978	30.5	1,683	7.4	54	7.7	-	0.0	4	0.6
Tacloban City	9,825	38.2	4,213	16.4	160	16.3	14	1.4	22	2.2
Calbayog City	3,301	17.2	1,152	6.0	14	4.2	1	0.3	5	1.5
City of Catbalogan	2,622	24.2	628	5.8	18	6.9	11	4.2	1	0.4
City of Maasin	2,718	30.5	821	9.2	34	12.5	28	10.3	2	0.7
REGION IX - ZAMBOANGA PENINSULA	59,274	15.8	19,287	5.1	526	8.9	184	3.1	54	0.9
Zamboanga Del Norte	8,567	10.4	2,997	3.6	28	3.3	14	1.6	9	1.1
Zamboanga Del Sur	8,730	10.5	3,177	3.8	68	7.8	21	2.4	3	0.3
Zamboanga Sibugay	9,896	14.8	2,547	3.8	50	5.1	29	2.9	2	0.2
Dapitan City	1,320	15.6	645	7.6	1	0.8	4	3.0	2	1.5
Dipolog City	5,229	38.9	1,830	13.6	42	8.0	9	1.7	5	1.0
City of Isabelia	1,643	13.2	346	2.8	31	18.9	1	0.6	4	2.4
Pagadian City	6,304	30.9	1,658	8.1	53	8.4	20	3.2	5	0.8
Zamboanga City	17,585	19.9	6,087	6.9	253	14.4	86	4.9	24	1.4
REGION X - NORTHERN MINDANAO	92,146	18.6	27,801	5.6	929	10.1	341	3.7	62	0.7
Bukidnon	18,999	17.2	4,262	3.9	131	6.9	41	2.2	10	0.5
Camiguin	1,399	15.3	590	6.4	12	8.6	8	5.7	1	0.7
Lanao del Norte	8,462	11.8	2,044	2.8	28	3.3	23	2.7	-	0.0
Misamis Occidental	1,655	4.9	1,625	4.8	16	9.7	15	9.1	1	0.6
Misamis Oriental	7,575	10.0	2,848	3.7	48	6.3	37	4.9	3	0.4
City of Malaybalay	7,486	40.6	1,632	8.9	95	12.7	37	4.9	6	0.8
City of Valencia	1,922	9.4	1,058	5.2	34	17.7	21	10.9	2	1.0
Iligan City	8,270	22.8	2,424	6.7	114	13.8	54	6.5	7	0.8
Oroquieta City	2,464	33.7	871	11.9	23	9.3	7	2.8	1	0.4
Ozamis City	8,030	54.8	2,323	15.8	122	15.2	23	2.9	9	1.1
Tangub City	1,166	17.9	303	4.7	9	7.7	-	#VALUE!	1	0.9
Cagayan de Oro City	21,670	30.1	6,877	9.5	267	12.3	60	2.8	20	0.9
City of El Salvador	264	4.9	194	3.6	4	15.2	5	18.9	-	0.0
Gingoog City	2,784	20.9	750	5.6	26	9.3	10	3.6	1	0.4
REGION XI - DAVAO	87,770	16.8	34,598	6.6	1,193	13.6	501	5.7	97	1.1
Compostela Valley	10,494	13.7	2,963	3.9	48	4.6	47	4.5	5	0.5
Davao	5,196	10.8	1,884	3.9	37	7.1	48	9.2	3	0.6
Davao Del Sur	4,154	8.2	2,409	4.8	31	7.5	34	8.2	1	0.2
Davao Oriental	2,407	5.4	1,987	4.5	42	33.7	31	24.9	3	2.4
Davao Occidental	1,246	3.7	1,154	3.4	17	7.1	12	5.0	4	1.7
City of Panabo	2,487	13.1	899	4.7	10	4.0	26	10.5	1	0.4
Island Garden City of Samal	1,437	13.4	584	5.4	12	8.4	22	15.3	-	0.0
City of Tagum	14,058	52.5	6,435	24.0	370	26.3	92	6.5	48	3.4
Davao City	35,414	19.9	13,835	7.8	536	15.1	146	4.1	23	0.6
City of Digos	6,094	33.0	1,425	7.7	68	11.2	31	5.1	5	0.8
City of Mati	4,783	32.0	1,023	6.8	22	4.6	12	2.5	4	0.8

* per 1000 population

** per 1000 livebirths

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Table 5

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By Region, Province & City
Number & Rate
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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	81,191	16.7	22,762	4.7	601	7.4	250	3.1	60	0.7
Cotabato	16,246	11.2	5,516	3.8	90	5.5	32	2.0	11	0.7
Saranggani	6,742	11.7	1,775	3.1	21	3.1	14	2.1	5	0.7
South Cotabato	7,063	8.9	3,177	4.0	54	7.6	42	5.9	1	0.1
Sultan Kudarat	9,523	12.8	2,623	3.5	62	6.5	27	2.8	5	0.5
Cotabato City	6,245	20.3	501	1.6	12	1.9	-	0.0	2	0.3
City of Kidapawan	7,520	161.7	1,308	28.1	38	5.1	10	1.3	4	0.5
General Santos City	16,097	25.2	4,450	7.0	194	12.1	91	5.7	22	1.4
City of Koronadal	9,142	48.7	2,538	13.5	109	11.9	22	2.4	9	1.0
City of Tacurong	2,613	25.5	874	8.5	21	8.0	12	4.6	1	0.4
REGION XIII - CARAGA	42,154	15.5	14,959	5.5	361	8.6	108	2.6	52	1.2
Agusan del Norte	1,868	3.0	1,136	1.8	11	5.9	9	4.8	-	0.0
Agusan del Sur	9,345	15.0	2,387	3.8	47	5.0	25	2.7	9	1.0
Surigao del Norte	3,193	9.0	1,587	4.5	23	7.2	11	3.4	1	0.3
Surigao del Sur	4,794	10.5	2,060	4.5	26	5.4	13	2.7	4	0.8
Dinagat Islands	686	5.3	570	4.4	5	7.3	1	1.5	-	0.0
Butuan City	7,773	81.9	3,027	31.9	107	13.8	23	3.0	16	2.1
City of Cabadbaran	1,847	90.4	484	23.7	9	4.9	3	1.6	-	0.0
City of Bayugan	1,418	13.2	405	3.8	12	8.5	1	0.7	-	0.0
Surigao City	5,397	32.7	1,926	11.7	74	13.7	15	2.8	10	1.9
City of Bislig	2,297	23.3	612	6.2	14	6.1	1	0.4	3	1.3
City of Tandag	3,536	60.5	765	13.1	33	9.3	6	1.7	9	2.5
BARMM	25,804	6.3	2,480	0.6	112	4.3	11	0.4	10	0.4
Basilan	1,270	3.4	160	0.4	-	0.0	1	0.8	1	0.8
Lanao del Sur	2,799	3.1	427	0.5	4	1.4	1	0.4	2	0.7
Maguindanao	11,273	8.7	760	0.6	23	2.0	2	0.2	2	0.2
Sulu	3,625	4.1	354	0.4	16	4.4	2	0.6	3	0.8
Tawi-tawi	2,341	5.7	348	0.8	9	3.8	3	1.3	1	0.4
City of Lamitan	563	74.5	178	23.5	5	8.9	1	1.8	-	0.0
Marawi City	3,933	18.1	253	1.2	55	14.0	1	0.3	1	0.3

Livebirths, Total Deaths, Infant Deaths, Maternal Deaths : by place of occurrence

Fetal deaths by usual residence

* per 1000 population

** per 1000 livebirths

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

"- means 0

Table 6

LIVEBIRTHS, TOTAL DEATHS, INFANT DEATHS & FETAL DEATHS
By Month of Occurrence
Number & Percent Distribution
Philippines, 2019

Month	Livebirths		Total Deaths		Infant Deaths		Fetal Deaths	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
January	146,841	8.8	57,701	9.3	2,003	9.2	803	8.8
February	116,981	7.0	48,798	7.9	1,763	8.1	650	7.2
March	129,110	7.7	51,109	8.2	1,852	8.5	723	8.0
April	133,361	8.0	50,247	8.1	1,636	7.5	721	7.9
May	140,482	8.4	52,108	8.4	1,650	7.6	827	9.1
June	133,462	8.0	49,028	7.9	1,667	7.7	780	8.6
July	137,286	8.2	49,494	8.0	1,773	8.2	822	9.0
August	141,178	8.4	50,265	8.1	1,870	8.6	845	9.3
September	153,710	9.2	52,035	8.4	2,057	9.5	829	9.1
October	152,574	9.1	54,980	8.9	1,980	9.1	848	9.3
November	146,977	8.8	52,787	8.5	1,854	8.5	776	8.5
December	141,961	8.5	51,862	8.4	1,618	7.4	459	5.1
Total	1,673,923	100.0	620,414	100.0	21,723	100.0	9,083	100.0

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

HEALTH INDICES BY MONTH OF OCCURRENCE
Percent Distribution, Philippines, 2019

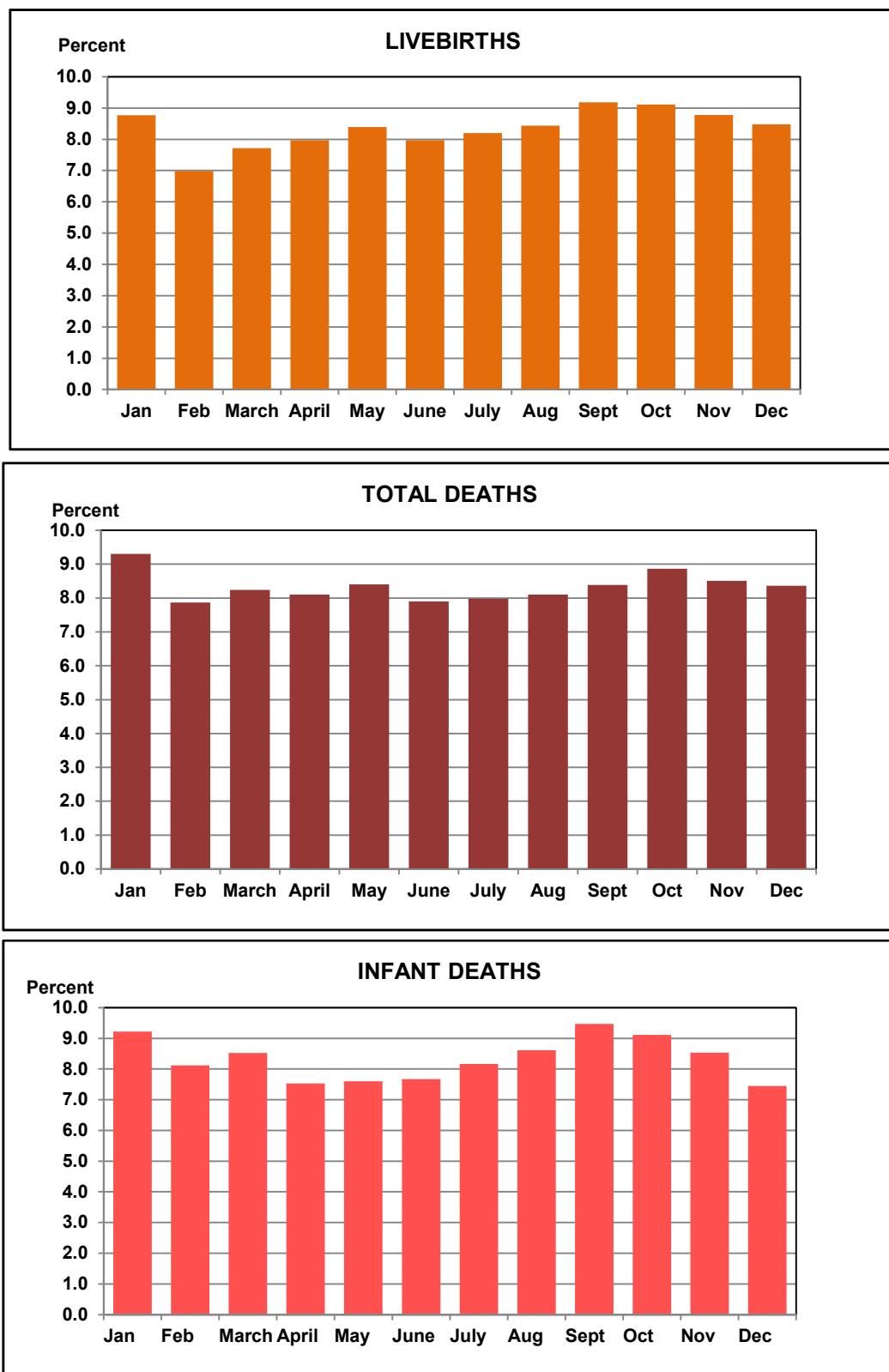


Figure 6

Table 7

TOTAL LIVEBIRTHS, FEMALE POPULATION & FERTILITY RATE
By Region
Philippines, 2019

Area	Total Livebirths	Female Population (15 - 49 Years)	Fertility Rate*
Philippines	1,673,923	27,649,577	6.1
National Capital Region	242,500	3,850,153	6.3
Cordillera Administrative Region	30,355	465,874	6.5
Region I - Ilocos	76,008	1,300,685	5.8
Region II - Cagayan Valley	53,001	908,799	5.8
Region III- Central Luzon	189,443	3,181,582	6.0
Region IVA - CALABARZON	227,584	4,256,422	5.3
Region IVB- MIMAROPA	46,181	753,379	6.1
Region V - Bicol	107,423	1,441,456	7.5
Region VI - Western Visayas	105,505	1,941,459	5.4
Region VII - Central Visayas	140,585	1,979,933	7.1
Region VIII - Eastern Visayas	66,999	1,110,930	6.0
Region IX - Zamboanga Peninsula	59,274	940,793	6.3
Region X - Northern Mindanao	92,146	1,244,930	7.4
Region XI - Davao	87,770	1,318,593	6.7
Region XII - SOCCSKSARGEN	81,191	1,247,319	6.5
Region XIII - CARAGA	42,154	654,145	6.4
BARMM	25,804	1,053,125	2.5

Note: Livebirths by place of occurrence

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

FERTILITY RATE BY REGION

Philippines, 2019

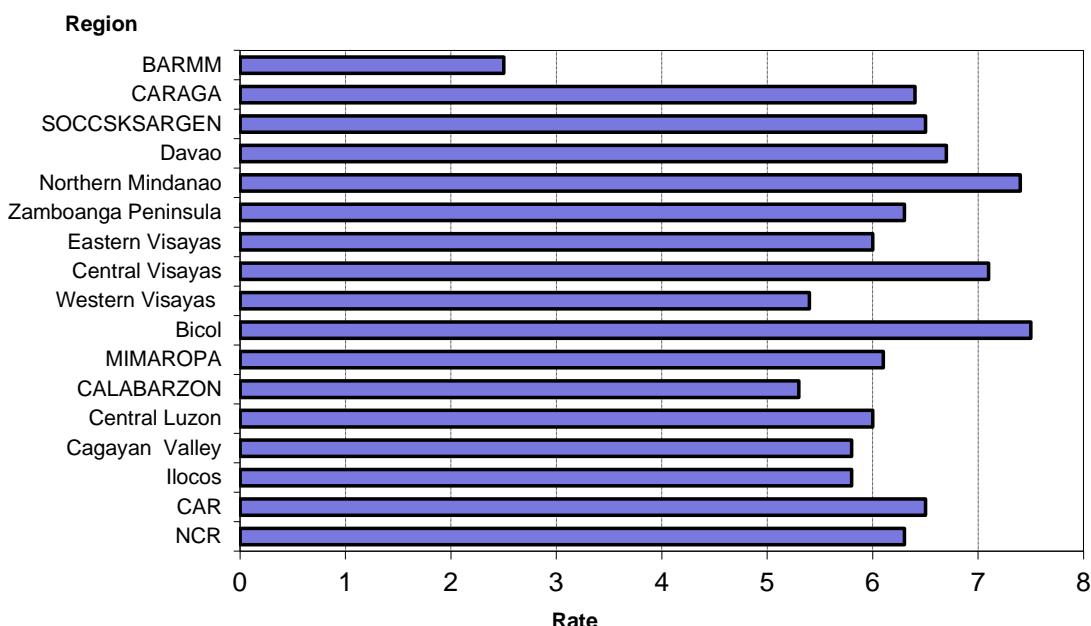


Figure 7

LIVEBIRTHS BY ATTENDANCE

Philippines, 2019

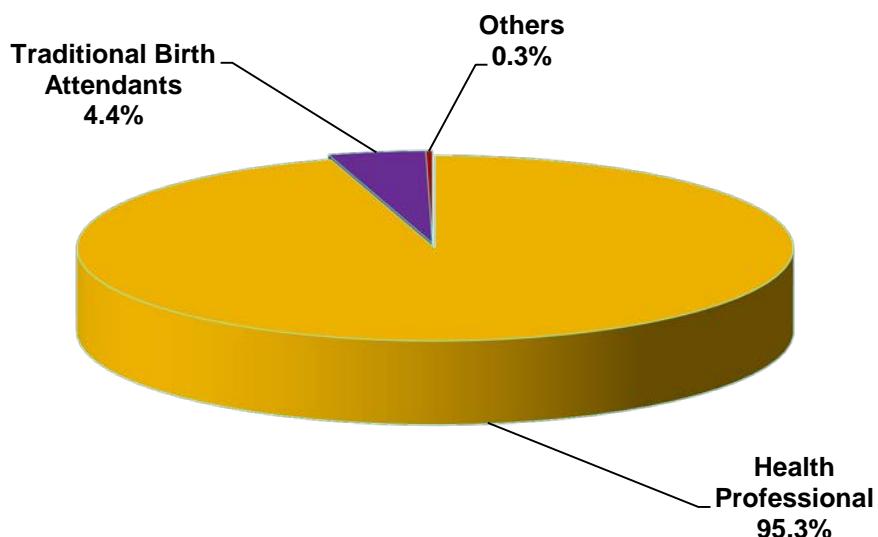


Figure 8

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 included registered births which occurred from January to December 2019. Cumulative figures for 2019 reflect updated data received from previous months.

In 2019, there was a total of 1,673,923 registered live births which was equivalent to a crude birth rate (CBR) of 15.6 or about 16 livebirths per 1000 population. This was 1.2 percent decrease in last year's CBR. But there was an increase of 5,803 live births or equivalent of 0.3 percent increase in absolute counts. (Table 4)

About three babies were born alive per minute, which corresponded to 191 babies born per hour and a daily average of 4,586 livebirths.

A continuous decrease in CBR is evident since 2012 up to 2019. Although, in 2019, it is a little higher in terms of the absolute number. In fact, the 10-year difference in CBR from 2010 (19.0) to 2019 (15.6) is 3.4 livebirths per one thousand population. The continuous decrease in live birth may be attributable to some factors like marrying age of Filipinos, increasing female employment rate, an effective maternal health care or the availability and acceptance of family planning services among couples.

Across regions, the Northern Mindanao Region had the highest CBR, by place of occurrence, of 18.6 livebirths per one thousand population. Second in rank was Central Visayas Region with a CBR of 17.9. It was followed then by National Capital Region (NCR) (17.8); and Bicol Region (17.7). The Bangsamoro Autonomous Region in Muslim Mindanao (BARMM) was still at the bottom with CBR of only 6.3. There were four (4) more regions out of the 17 with CBR higher than the national rate of 15.6. (Table 5)

In 2019, most registered births occurred in the month of September with 153,710 babies born alive or which comprised 9.2 percent of the total livebirths in the country. The daily average of babies born alive during this month was about 5,124. The months of October (9.1%), November (8.8%) and January (8.8%) followed with high number of livebirths occurrences. The lowest live birth occurrence was still in February with 116,981 registered live births which was 7.0 percent of the total live births and an average of daily live births at 4,178. (Table 6)

More male babies were born alive in 2019 (871,750 or 52.1%) than female babies (802,173 or 47.9%) for a sex ratio at birth of 109 males per 100 females. This ratio means that for every 109 alive baby boys born, there corresponded 100 alive baby girls born. 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.

The country's fertility rate in 2019 was computed at 6.1. This was translated as to at least six (6) babies born alive per 100 female of reproductive age 15-49 years. The three regions with the highest fertility rates are Bicol (7.5); Northern Mindanao (7.4); and Central Visayas (7.1). There were six (6) more regions which had higher fertility rates as compared to the national fertility rate. While, BARMM had the lowest with 2.5 births per 100 female of reproductive age. (Table 7)

Among the 17 regions, Ilocos Region had the highest sex ratio of 111 males per 100 females, while, 6 out of the 17 regions had the same livebirths sex ratio of 109 males per 100 females. (Table 8)

Nine in ten deliveries were attended by health professional. Of the total number of births in the country, 95.3 percent of birth deliveries were attended by either a physician, a midwife or a nurse and only 4.4 percent were attended by traditional birth attendants. Across all regions, the proportion of births attended by health professionals was generally high, from 89.2 percent to 99.0 percent. This is a sign of an improved maternal and child health care services and a better health seeking behavior among mothers.

But, the proportion of medically attended births in Bangsamoro Autonomous Region in Muslim Mindanao (BARMM) remained low (53.9%). Almost half of the births that occurred in the region were attended by traditional birth attendants (46.0%). (Tables 9 and 10)

There was a 25.0 percent decrease in number of live births attended by traditional birth attendants, from 5.5 percent in 2018 to 4.4 percent in 2019. Consequently, among all regions, BARMM (46.0%) was reported to consistently have the highest proportion of live births attended by traditional birth attendants. However, it was a 6.1 percent decrease from 49.0 percent in 2018 to 46.0 percent in 2019. (Tables 9 and 10)

About three in ten live births were born from mothers belonging to age-group 25 to 29 years old (452,406; 27.0%) and consequently, had the most number of live births with 452,406 babies. It is closely followed by mothers of age-group 20-24 years with 440,503 live births or 26.3 percent. While, only 169 or less than one percent of live births were born to mothers beyond reproductive age (50 years and over). (Table 11)

Across all regions, NCR had the highest share on the number of live births born by women of age-group 25-29. Out of the total babies born by mothers of said age group (452,406), NCR had 67,292 live births, followed by Calabarzon with 63,449 live births. Meanwhile, NCR had the most number of live births born by younger mothers, under 15 years of age. Out of 2,411 babies, NCR had 422 and followed by Central Luzon with 302 live births. (Table 13)

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2019

Area	Both Sexes	Male	Female
PHILIPPINES	1,673,923	871,750	802,173
NATIONAL CAPITAL REGION	242,500	126,509	115,991
City of Manila	61,738	32,403	29,335
City of Mandaluyong	5,483	2,893	2,590
City of Marikina	10,880	5,660	5,220
City of Pasig	18,175	9,450	8,725
Quezon City	56,037	29,227	26,810
City of San Juan	2,163	1,125	1,038
Kalookan City	18,857	9,749	9,108
City of Malabon	3,635	1,895	1,740
City of Navotas	3,598	1,848	1,750
City of Valenzuela	9,125	4,766	4,359
City of Las Piñas	9,413	4,867	4,546
City of Makati	7,265	3,788	3,477
City of Muntinlupa	8,470	4,408	4,062
City of Parañaque	7,690	4,041	3,649
Pasay City	5,770	3,031	2,739
Pateros	1,200	616	584
City of Taguig	13,001	6,742	6,259
CORDILLERA ADMINISTRATIVE REGION	30,355	15,784	14,571
Abra	2,883	1,505	1,378
Apayao	3,138	1,595	1,543
Benguet	4,748	2,460	2,288
Ifugao	2,762	1,422	1,340
Kalinga	3,866	2,035	1,831
Mt. Province	3,330	1,758	1,572
Baguio City	9,628	5,009	4,619
REGION I - ILOCOS	76,008	40,058	35,950
Ilocos Norte	861	425	436
Ilocos Sur	5,337	2,813	2,524
La Union	4,866	2,592	2,274
Pangasinan	17,616	9,218	8,398
City of Batac	4,251	2,200	2,051
Laoag City	2,775	1,446	1,329
City of Candon	1,464	781	683
City of Vigan	2,228	1,190	1,038
City of San Fernando	7,071	3,684	3,387
City of Alaminos	4,215	2,133	2,082
Dagupan City	10,687	5,591	5,096
San Carlos City	9,188	5,044	4,144
City of Urdaneta	5,449	2,941	2,508

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2019

Area	Both Sexes	Male	Female
REGION II - CAGAYAN VALLEY	53,001	27,475	25,526
Batanes	253	118	135
Cagayan	7,819	4,028	3,791
Isabela	10,481	5,424	5,057
Nueva Vizcaya	8,371	4,337	4,034
Quirino	2,908	1,503	1,405
Tuguegarao City	9,328	4,824	4,504
City of Cauayan	3,050	1,588	1,462
Ilagan City	3,283	1,700	1,583
City of Santiago	7,508	3,953	3,555
REGION III - CENTRAL LUZON	189,443	98,593	90,850
Aurora	3,169	1,650	1,519
Bataan	4,874	2,547	2,327
Bulacan	28,957	14,943	14,014
Nueva Ecija	12,942	6,803	6,139
Pampanga	21,377	11,065	10,312
Tarlac	9,910	5,121	4,789
Zambales	9,142	4,794	4,348
City of Balanga	10,220	5,281	4,939
City of Malolos	10,032	5,257	4,775
City of Meycauayan	3,248	1,726	1,522
City of San Jose Del Monte	7,498	3,857	3,641
Cabanatuan City	16,311	8,576	7,735
City of Gapan	1,614	852	762
Science City of Muñoz	91	40	51
Palayan City	105	60	45
San Jose City	3,592	1,866	1,726
Angeles City	9,435	4,774	4,661
Mabalacat City	4,791	2,468	2,323
City of San Fernando	13,927	7,373	6,554
City of Tarlac	12,803	6,702	6,101
Olongapo City	5,405	2,838	2,567
REGION IVA - CALABARZON	227,584	118,335	109,249
Batangas	24,930	12,812	12,118
Cavite	16,535	8,530	8,005
Laguna	14,313	7,589	6,724
Quezon	21,356	11,070	10,286
Rizal	30,716	16,050	14,666
Batangas City	8,486	4,453	4,033
Lipa City	7,839	3,977	3,862
City of Tanauan	4,445	2,311	2,134
Bacoor City	6,635	3,372	3,263
Cavite City	1,609	828	781

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2019

Area	Both Sexes	Male	Female
City of Dasmariñas	10,035	5,240	4,795
City of General Trias	5,474	2,839	2,635
Imus City	4,551	2,318	2,233
Tagaytay City	1,112	581	531
Trece Martires City	7,428	3,872	3,556
City of Biñan	6,760	3,592	3,168
Cabuyao City	4,059	2,149	1,910
City of Calamba	9,584	5,032	4,552
San Pablo City	6,875	3,579	3,296
City of San Pedro	3,488	1,861	1,627
City of Santa Rosa	5,530	2,875	2,655
City of Tayabas	1,102	568	534
Lucena City	10,675	5,607	5,068
City of Antipolo	14,047	7,230	6,817
REGION IVB - MIMAROPA	46,181	23,988	22,193
Marinduque	3,552	1,858	1,694
Occidental Mindoro	8,234	4,367	3,867
Oriental Mindoro	7,229	3,745	3,484
Palawan	10,781	5,593	5,188
Romblon	4,502	2,320	2,182
Calapan City	6,606	3,457	3,149
Puerto Princesa City	5,277	2,648	2,629
REGION V - BICOL	107,423	55,934	51,489
Albay	12,790	6,556	6,234
Camarines Norte	12,109	6,346	5,763
Camarines Sur	18,874	9,806	9,068
Catanduanes	4,985	2,587	2,398
Masbate	9,281	4,792	4,489
Sorsogon	7,707	4,021	3,686
Legazpi City	7,365	3,859	3,506
City of Ligao	2,600	1,332	1,268
City of Tabaco	2,005	1,102	903
Iriga City	2,074	1,082	992
Naga City	16,328	8,584	7,744
City of Masbate	5,528	2,874	2,654
City of Sorsogon	5,777	2,993	2,784
REGION VI - WESTERN VISAYAS	105,505	54,916	50,589
Aklan	9,401	4,908	4,493
Antique	6,640	3,488	3,152
Capiz	4,773	2,476	2,297
Guimaras	2,021	1,059	962
Iloilo	18,838	9,741	9,097
Negros Occidental	9,648	4,884	4,764

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2019

Area	Both Sexes	Male	Female
Roxas City	5,521	2,864	2,657
Iloilo City	14,788	7,713	7,075
City of Passi	1,003	520	483
Bacolod City	9,186	4,851	4,335
Bago City	1,118	583	535
Cadiz City	2,578	1,369	1,209
City of Escalante	974	467	507
City of Himamaylan	1,003	509	494
City of Kabankalan	4,451	2,353	2,098
La Carlota City	622	332	290
Sagay City	2,673	1,406	1,267
San Carlos City	3,327	1,687	1,640
Silay City	5,324	2,860	2,464
City of Sipalay	654	348	306
City of Talisay	415	223	192
City of Victorias	547	275	272
REGION VII - CENTRAL VISAYAS	140,585	73,370	67,215
Bohol	13,673	7,163	6,510
Cebu	22,724	11,830	10,894
Negros Oriental	6,885	3,543	3,342
Siquijor	1,239	633	606
Tagbilaran City	7,294	3,836	3,458
City of Bogo	4,160	2,162	1,998
City of Carcar	4,314	2,306	2,008
Cebu City	32,060	16,831	15,229
Danao City	4,241	2,163	2,078
Lapu-Lapu City	7,584	3,981	3,603
Mandaue City	11,371	5,948	5,423
City of Naga	1,964	1,055	909
City of Talisay	4,319	2,270	2,049
Toledo City	2,802	1,469	1,333
Bais City	1,313	672	641
City of Bayawan	1,936	1,000	936
Canlaon City	569	285	284
Dumaguete City	10,229	5,270	4,959
City of Guihulngan	1,707	848	859
City of Tanjay	201	105	96
REGION VIII - EASTERN VISAYAS	66,999	34,724	32,275
Biliran	3,023	1,592	1,431
Eastern Samar	4,509	2,293	2,216
Leyte	15,753	8,109	7,644
Northern Samar	8,312	4,346	3,966
Samar	3,868	1,965	1,903
Southern Leyte	2,873	1,477	1,396

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2019

Area	Both Sexes	Male	Female
City of Borongan	1,849	998	851
City of Baybay	1,368	698	670
Ormoc City	6,978	3,566	3,412
Tacloban City	9,825	5,136	4,689
Calbayog City	3,301	1,710	1,591
City of Catbalogan	2,622	1,363	1,259
City of Maasin	2,718	1,471	1,247
REGION IX - ZAMBOANGA PENINSULA	59,274	30,759	28,515
Zamboanga Del Norte	8,567	4,404	4,163
Zamboanga Del Sur	8,730	4,436	4,294
Zamboanga Sibugay	9,896	5,108	4,788
Dapitan City	1,320	695	625
Dipolog City	5,229	2,743	2,486
City of Isabela	1,643	869	774
Pagadian City	6,304	3,231	3,073
Zamboanga City	17,585	9,273	8,312
REGION X - NORTHERN MINDANAO	92,146	48,064	44,082
Bukidnon	18,999	10,030	8,969
Camiguin	1,399	711	688
Lanao del Norte	8,462	4,352	4,110
Misamis Occidental	1,655	846	809
Misamis Oriental	7,575	3,885	3,690
City of Malaybalay	7,486	3,965	3,521
City of Valencia	1,922	972	950
Iligan City	8,270	4,287	3,983
Oroquieta City	2,464	1,248	1,216
Ozamis City	8,030	4,232	3,798
Tangub City	1,166	626	540
Cagayan de Oro City	21,670	11,287	10,383
El Salvador City	264	142	122
Gingoog City	2,784	1,481	1,303
REGION XI - DAVAO	87,770	46,001	41,769
Compostela Valley	10,494	5,426	5,068
Davao	5,196	2,693	2,503
Davao Del Sur	4,154	2,202	1,952
Davao Oriental	2,407	1,263	1,144
Davao Occidental	1,246	640	606
City of Panabo	2,487	1,236	1,251
Island Garden City of Samal	1,437	735	702
City of Tagum	14,058	7,421	6,637
Davao City	35,414	18,610	16,804
City of Digos	6,094	3,221	2,873
City of Mati	4,783	2,554	2,229

Table 8

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Sex, Region, Province & City
Philippines, 2019

Area	Both Sexes	Male	Female
REGION XII - SOCCSKSARGEN	81,191	42,126	39,065
Cotabato	16,246	8,452	7,794
Saranggani	6,742	3,461	3,281
South Cotabato	7,063	3,638	3,425
Sultan Kudarat	9,523	4,887	4,636
Cotabato City	6,245	3,266	2,979
City of Kidapawan	7,520	3,876	3,644
General Santos City	16,097	8,438	7,659
City of Koronadal	9,142	4,728	4,414
City of Tacurong	2,613	1,380	1,233
REGION XIII - CARAGA	42,154	21,755	20,399
Agusan del Norte	1,868	944	924
Agusan del Sur	9,345	4,847	4,498
Surigao del Norte	3,193	1,665	1,528
Surigao del Sur	4,794	2,436	2,358
Dinagat Islands	686	342	344
City of Cabadbaran	7,773	4,050	3,723
Butuan City	1,847	930	917
City of Bayugan	1,418	733	685
Surigao City	5,397	2,802	2,595
City of Bislig	2,297	1,200	1,097
City of Tandag	3,536	1,806	1,730
BARMM	25,804	13,359	12,445
Basilan	1,270	657	613
Lanao del Sur	2,799	1,477	1,322
Maguindanao	11,273	5,867	5,406
Sulu	3,625	1,835	1,790
Tawi-tawi	2,341	1,172	1,169
City of Lamitan	563	288	275
Marawi City	3,933	2,063	1,870

Table by place of occurrence

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
PHILIPPINES	1,673,923	1,595,684	73,562	4,562	115
NATIONAL CAPITAL REGION	242,500	237,978	4,246	276	-
City of Manila	61,738	61,447	166	125	-
City of Mandaluyong	5,483	5,472	10	1	-
City of Marikina	10,880	10,776	102	2	-
City of Pasig	18,175	17,236	939	-	-
Quezon City	56,037	55,321	678	38	-
City of San Juan	2,163	2,162	-	1	-
Kalookan City	18,857	18,426	429	2	-
City of Malabon	3,635	3,548	84	3	-
City of Navotas	3,598	3,565	33	-	-
City of Valenzuela	9,125	9,037	84	4	-
City of Las Piñas	9,413	8,927	466	20	-
City of Makati	7,265	7,228	26	11	-
City of Muntinlupa	8,470	8,258	204	8	-
City of Parañaque	7,690	7,413	270	7	-
Pasay City	5,770	5,712	39	19	-
Pateros	1,200	1,196	4	-	-
City of Taguig	13,001	12,254	712	35	-
CORDILLERA ADMINISTRATIVE REGION	30,355	29,551	197	575	32
Abra	2,883	2,832	44	3	4
Apayao	3,138	3,046	27	65	-
Benguet	4,748	4,527	25	192	4
Ifugao	2,762	2,569	27	165	1
Kalinga	3,866	3,752	37	68	9
Mt. Province	3,330	3,235	35	59	1
Baguio City	9,628	9,590	2	23	13
REGION I - ILOCOS	76,008	75,267	676	65	-
Ilocos Norte	861	834	21	6	-
Ilocos Sur	5,337	5,254	66	17	-
La Union	4,866	4,782	69	15	-
Pangasinan	17,616	17,291	317	8	-
City of Batac	4,251	4,247	1	3	-
Laoag City	2,775	2,761	13	1	-
City of Candon	1,464	1,464	-	-	-
City of Vigan	2,228	2,224	3	1	-
City of San Fernando	7,071	7,066	5	-	-
City of Alaminos	4,215	4,177	38	-	-
Dagupan City	10,687	10,650	25	12	-
San Carlos City	9,188	9,089	97	2	-
City of Urdaneta	5,449	5,428	21	-	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION II - CAGAYAN VALLEY	53,001	51,638	1,069	289	5
Batanes	253	253	-	-	-
Cagayan	7,819	7,371	429	19	-
Isabela	10,481	10,165	304	12	-
Nueva Vizcaya	8,371	7,983	183	205	-
Quirino	2,908	2,800	54	50	4
Tuguegarao City	9,328	9,324	2	2	-
City of Cauayan	3,050	3,020	30	-	-
Ilagan City	3,283	3,241	41	1	-
City of Santiago	7,508	7,481	26	-	1
REGION III - CENTRAL LUZON	189,443	185,820	3,569	52	2
Aurora	3,169	2,959	202	8	-
Bataan	4,874	4,802	60	12	-
Bulacan	28,957	28,258	690	9	-
Nueva Ecija	12,942	12,027	909	5	1
Pampanga	21,377	20,882	494	1	-
Tarlac	9,910	9,882	23	5	-
Zambales	9,142	8,657	477	8	-
City of Balanga	10,220	10,217	3	-	-
City of Malolos	10,032	10,021	11	-	-
City of Meycauayan	3,248	3,139	107	2	-
City of San Jose Del Monte	7,498	7,397	101	-	-
Cabanatuan City	16,311	16,206	103	2	-
City of Gapan	1,614	1,604	10	-	-
Science City of Muñoz	91	85	6	-	-
Palayan City	105	70	35	-	-
San Jose City	3,592	3,573	18	-	1
Angeles City	9,435	9,349	86	-	-
Mabalacat City	4,791	4,761	30	-	-
City of San Fernando	13,927	13,851	76	-	-
City of Tarlac	12,803	12,803	-	-	-
Olongapo City	5,405	5,277	128	-	-
REGION IVA - CALABARZON	227,584	218,752	8,455	369	8
Batangas	24,930	23,865	988	77	-
Cavite	16,535	16,072	438	25	-
Laguna	14,313	13,781	500	31	1
Quezon	21,356	19,117	2,134	104	1
Rizal	30,716	28,937	1,773	5	1
Batangas City	8,486	8,359	80	47	-
Lipa City	7,839	7,664	166	9	-
City of Tanauan	4,445	4,251	191	3	-
Bacoor City	6,635	6,174	461	-	-
Cavite City	1,609	1,609	-	-	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Dasmariñas	10,035	10,003	8	24	-
City of General Trias	5,474	5,346	127	1	-
Imus City	4,551	4,530	19	2	-
Tagaytay City	1,112	1,110	2	-	-
Trece Martires City	7,428	7,388	40	-	-
City of Biñan	6,760	6,390	370	-	-
Cabuyao City	4,059	3,958	101	-	-
City of Calamba	9,584	9,534	50	-	-
San Pablo City	6,875	6,860	12	3	-
City of San Pedro	3,488	3,235	247	6	-
City of Santa Rosa	5,530	5,219	311	-	-
City of Tayabas	1,102	1,091	3	8	-
Lucena City	10,675	10,615	32	23	5
City of Antipolo	14,047	13,644	402	1	-
REGION IVB - MIMAROPA	46,181	41,183	4,474	508	16
Marinduque	3,552	3,481	46	23	2
Occidental Mindoro	8,234	7,072	883	278	1
Oriental Mindoro	7,229	5,839	1,268	109	13
Palawan	10,781	8,642	2,077	62	-
Romblon	4,502	4,382	117	3	-
Calapan City	6,606	6,547	26	33	-
Puerto Princesa City	5,277	5,220	57	-	-
REGION V - BICOL	107,423	102,304	4,952	156	11
Albay	12,790	12,346	430	8	6
Camarines Norte	12,109	11,720	381	8	-
Camarines Sur	18,874	16,290	2,560	24	-
Catanduanes	4,985	4,872	113	-	-
Masbate	9,281	8,440	817	22	2
Sorsogon	7,707	7,490	136	79	2
Legazpi City	7,365	7,338	25	1	1
City of Ligao	2,600	2,574	16	10	-
City of Tabaco	2,005	1,915	90	-	-
Iriga City	2,074	1,974	99	1	-
Naga City	16,328	16,096	232	-	-
City of Masbate	5,528	5,480	48	-	-
City of Sorsogon	5,777	5,769	5	3	-
REGION VI - WESTERN VISAYAS	105,505	100,608	4,513	378	6
Aklan	9,401	8,494	899	8	-
Antique	6,640	6,136	442	62	-
Capiz	4,773	4,321	450	2	-
Guimaras	2,021	1,990	12	18	1
Iloilo	18,838	18,283	517	34	4
Negros Occidental	9,648	8,450	1,155	43	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
Roxas City	5,521	5,479	42	-	-
Iloilo City	14,788	14,773	12	3	-
City of Passi	1,003	901	102	-	-
Bacolod City	9,186	9,141	27	18	-
Bago City	1,118	1,112	5	1	-
Cadiz City	2,578	2,457	117	4	-
City of Escalante	974	960	14	-	-
City of Himamaylan	1,003	814	188	1	-
City of Kabankalan	4,451	4,041	339	71	-
La Carlota City	622	615	6	1	-
Sagay City	2,673	2,588	85	-	-
San Carlos City	3,327	3,230	28	69	-
Silay City	5,324	5,276	6	41	1
City of Sipalay	654	621	32	1	-
City of Talisay	415	395	19	1	-
City of Victorias	547	531	16	-	-
REGION VII - CENTRAL VISAYAS	140,585	135,452	4,337	793	3
Bohol	13,673	13,526	106	41	-
Cebu	22,724	21,876	513	333	2
Negros Oriental	6,885	4,972	1,731	182	-
Siquijor	1,239	1,238	1	-	-
Tagbilaran City	7,294	7,291	3	-	-
City of Bogo	4,160	4,137	10	13	-
City of Carcar	4,314	4,308	2	4	-
Cebu City	32,060	31,864	150	46	-
Danao City	4,241	4,157	15	69	-
Lapu-Lapu City	7,584	7,570	3	11	-
Mandaue City	11,371	11,161	208	2	-
City of Naga	1,964	1,922	24	18	-
City of Talisay	4,319	4,247	56	16	-
Toledo City	2,802	2,139	661	2	-
Bais City	1,313	1,114	198	1	-
City of Bayawan	1,936	1,834	84	17	1
Canlaon City	569	520	36	13	-
Dumaguete City	10,229	10,203	14	12	-
City of Guihulngan	1,707	1,336	361	10	-
City of Tanjay	201	37	161	3	-
REGION VIII - EASTERN VISAYAS	66,999	64,647	2,175	177	-
Biliran	3,023	2,988	10	25	-
Eastern Samar	4,509	4,178	330	1	-
Leyte	15,753	15,448	215	90	-
Northern Samar	8,312	7,867	442	3	-
Samar	3,868	3,441	420	7	-
Southern Leyte	2,873	2,839	31	3	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Borongan	1,849	1,787	62	-	-
City of Baybay	1,368	1,323	25	20	-
Ormoc City	6,978	6,923	45	10	-
Tacloban City	9,825	9,792	19	14	-
Calbayog City	3,301	2,836	465	-	-
City of Catbalogan	2,622	2,513	107	2	-
City of Maasin	2,718	2,712	4	2	-
REGION IX - ZAMBOANGA PENINSULA	59,274	53,724	5,300	236	14
Zamboanga Del Norte	8,567	6,958	1,540	68	1
Zamboanga Del Sur	8,730	7,683	994	40	13
Zamboanga Sibugay	9,896	8,938	894	64	-
Dapitan City	1,320	1,290	30	-	-
Dipolog City	5,229	5,194	35	-	-
City of Isabel	1,643	1,205	435	3	-
Pagadian City	6,304	6,122	182	-	-
Zamboanga City	17,585	16,334	1,190	61	-
REGION X - NORTHERN MINDANAO	92,146	86,164	5,778	193	11
Bukidnon	18,999	17,508	1,345	140	6
Camiguin	1,399	1,396	1	2	-
Lanao del Norte	8,462	6,544	1,911	7	-
Misamis Occidental	1,655	1,321	323	6	5
Misamis Oriental	7,575	6,828	738	9	-
City of Malaybalay	7,486	7,276	200	10	-
City of Valencia	1,922	1,622	299	1	-
Iligan City	8,270	7,968	300	2	-
Oroquieta City	2,464	2,461	2	1	-
Ozamis City	8,030	7,996	34	-	-
Tangub City	1,166	1,018	148	-	-
Cagayan de Oro City	21,670	21,356	312	2	-
El Salvador City	264	255	9	-	-
Gingoog City	2,784	2,615	156	13	-
REGION XI - DAVAO	87,770	85,303	2,188	274	5
Compostela Valley	10,494	10,244	226	24	-
Davao	5,196	4,673	498	25	-
Davao Del Sur	4,154	3,793	330	29	2
Davao Oriental	2,407	2,135	256	14	2
Davao Occidental	1,246	1,019	225	2	-
City of Panabo	2,487	2,427	48	12	-
Island Garden City of Samal	1,437	1,422	13	2	-
City of Tagum	14,058	13,956	21	81	-
Davao City	35,414	34,789	540	84	1
City of Digos	6,094	6,065	28	1	-
City of Mati	4,783	4,780	3	-	-

Table 9

FREQUENCY DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION XII - SOCCSKSARGEN	81,191	73,225	7,848	118	-
Cotabato	16,246	11,593	4,614	39	-
Saranggani	6,742	6,217	498	27	-
South Cotabato	7,063	6,371	677	15	-
Sultan Kudarat	9,523	8,235	1,271	17	-
Cotabato City	6,245	5,787	458	-	-
City of Kidapawan	7,520	7,487	32	1	-
General Santos City	16,097	15,891	189	17	-
City of Koronadal	9,142	9,042	100	-	-
City of Tacurong	2,613	2,602	9	2	-
REGION XIII - CARAGA	42,154	40,172	1,925	57	-
Agusan del Norte	1,868	1,570	285	13	-
Agusan del Sur	9,345	8,381	931	33	-
Surigao del Norte	3,193	3,036	157	-	-
Surigao del Sur	4,794	4,531	260	3	-
Dinagat Islands	686	648	36	2	-
Butuan City	7,773	7,750	23	-	-
City of Cabadbaran	1,847	1,838	7	2	-
City of Bayugan	1,418	1,317	101	-	-
Surigao City	5,397	5,293	100	4	-
City of Bislig	2,297	2,277	20	-	-
City of Tandag	3,536	3,531	5	-	-
BARMM	25,804	13,896	11,860	46	2
Basilan	1,270	46	1,221	2	1
Lanao del Sur	2,799	1,622	1,154	23	-
Maguindanao	11,273	5,830	5,425	17	1
Sulu	3,625	1,484	2,138	3	-
Tawi-tawi	2,341	865	1,476	-	-
City of Lamitan	563	404	159	-	-
Marawi City	3,933	3,645	287	1	-

Table by place of occurrence

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
PHILIPPINES	1,673,923	95.3	4.4	0.3	0.0
NATIONAL CAPITAL REGION	242,500	98.1	1.8	0.1	0.0
City of Manila	61,738	99.5	0.3	0.2	0.0
City of Mandaluyong	5,483	99.8	0.2	0.0	0.0
City of Marikina	10,880	99.0	0.9	0.0	0.0
City of Pasig	18,175	94.8	5.2	0.0	0.0
Quezon City	56,037	98.7	1.2	0.1	0.0
City of San Juan	2,163	100.0	0.0	0.0	0.0
Kalookan City	18,857	97.7	2.3	0.0	0.0
City of Malabon	3,635	97.6	2.3	0.1	0.0
City of Navotas	3,598	99.1	0.9	0.0	0.0
City of Valenzuela	9,125	99.0	0.9	0.0	0.0
City of Las Piñas	9,413	94.8	5.0	0.2	0.0
City of Makati	7,265	99.5	0.4	0.2	0.0
City of Muntinlupa	8,470	97.5	2.4	0.1	0.0
City of Parañaque	7,690	96.4	3.5	0.1	0.0
Pasay City	5,770	99.0	0.7	0.3	0.0
Pateros	1,200	99.7	0.3	0.0	0.0
City of Taguig	13,001	94.3	5.5	0.3	0.0
CORDILLERA ADMINISTRATIVE REGION	30,355	97.4	0.6	1.9	0.1
Abra	2,883	98.2	1.5	0.1	0.1
Apayao	3,138	97.1	0.9	2.1	0.0
Benguet	4,748	95.3	0.5	4.0	0.1
Ifugao	2,762	93.0	1.0	6.0	0.0
Kalinga	3,866	97.1	1.0	1.8	0.2
Mt. Province	3,330	97.1	1.1	1.8	0.0
Baguio City	9,628	99.6	0.0	0.2	0.1
REGION I - ILOCOS	76,008	99.0	0.9	0.1	0.0
Ilocos Norte	861	96.9	2.4	0.7	0.0
Ilocos Sur	5,337	98.4	1.2	0.3	0.0
La Union	4,866	98.3	1.4	0.3	0.0
Pangasinan	17,616	98.2	1.8	0.0	0.0
City of Batac	4,251	99.9	0.0	0.1	0.0
Laoag City	2,775	99.5	0.5	0.0	0.0
City of Candon	1,464	100.0	0.0	0.0	0.0
City of Vigan	2,228	99.8	0.1	0.0	0.0
City of San Fernando	7,071	99.9	0.1	0.0	0.0
City of Alaminos	4,215	99.1	0.9	0.0	0.0
Dagupan City	10,687	99.7	0.2	0.1	0.0
San Carlos City	9,188	98.9	1.1	0.0	0.0
City of Urdaneta	5,449	99.6	0.4	0.0	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION II - CAGAYAN VALLEY	53,001	97.4	2.0	0.5	0.0
Batanes	253	100.0	0.0	0.0	0.0
Cagayan	7,819	94.3	5.5	0.2	0.0
Isabela	10,481	97.0	2.9	0.1	0.0
Nueva Vizcaya	8,371	95.4	2.2	2.4	0.0
Quirino	2,908	96.3	1.9	1.7	0.1
Tuguegarao City	9,328	100.0	0.0	0.0	0.0
City of Cauayan	3,050	99.0	1.0	0.0	0.0
Ilagan City	3,283	98.7	1.2	0.0	0.0
City of Santiago	7,508	99.6	0.3	0.0	0.0
REGION III - CENTRAL LUZON	189,443	98.1	1.9	0.0	0.0
Aurora	3,169	93.4	6.4	0.3	0.0
Bataan	4,874	98.5	1.2	0.2	0.0
Bulacan	28,957	97.6	2.4	0.0	0.0
Nueva Ecija	12,942	92.9	7.0	0.0	0.0
Pampanga	21,377	97.7	2.3	0.0	0.0
Tarlac	9,910	99.7	0.2	0.1	0.0
Zambales	9,142	94.7	5.2	0.1	0.0
City of Balanga	10,220	100.0	0.0	0.0	0.0
City of Malolos	10,032	99.9	0.1	0.0	0.0
City of Meycauayan	3,248	96.6	3.3	0.1	0.0
City of San Jose Del Monte	7,498	98.7	1.3	0.0	0.0
Cabanatuan City	16,311	99.4	0.6	0.0	0.0
City of Gapan	1,614	99.4	0.6	0.0	0.0
Science City of Muñoz	91	93.4	6.6	0.0	0.0
Palayan City	105	66.7	33.3	0.0	0.0
San Jose City	3,592	99.5	0.5	0.0	0.0
Angeles City	9,435	99.1	0.9	0.0	0.0
Mabalacat City	4,791	99.4	0.6	0.0	0.0
City of San Fernando	13,927	99.5	0.5	0.0	0.0
City of Tarlac	12,803	100.0	0.0	0.0	0.0
Olongapo City	5,405	97.6	2.4	0.0	0.0
REGION IVA - CALABARZON	227,584	96.1	3.7	0.2	0.0
Batangas	24,930	95.7	4.0	0.3	0.0
Cavite	16,535	97.2	2.6	0.2	0.0
Laguna	14,313	96.3	3.5	0.2	0.0
Quezon	21,356	89.5	10.0	0.5	0.0
Rizal	30,716	94.2	5.8	0.0	0.0
Batangas City	8,486	98.5	0.9	0.6	0.0
Lipa City	7,839	97.8	2.1	0.1	0.0
City of Tanauan	4,445	95.6	4.3	0.1	0.0
Bacoor City	6,635	93.1	6.9	0.0	0.0
Cavite City	1,609	100.0	0.0	0.0	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Dasmariñas	10,035	99.7	0.1	0.2	0.0
City of General Trias	5,474	97.7	2.3	0.0	0.0
Imus City	4,551	99.5	0.4	0.0	0.0
Tagaytay City	1,112	99.8	0.2	0.0	0.0
Trece Martires City	7,428	99.5	0.5	0.0	0.0
City of Biñan	6,760	94.5	5.5	0.0	0.0
Cabuyao City	4,059	97.5	2.5	0.0	0.0
City of Calamba	9,584	99.5	0.5	0.0	0.0
San Pablo City	6,875	99.8	0.2	0.0	0.0
City of San Pedro	3,488	92.7	7.1	0.2	0.0
City of Santa Rosa	5,530	94.4	5.6	0.0	0.0
City of Tayabas	1,102	99.0	0.3	0.7	0.0
Lucena City	10,675	99.4	0.3	0.2	0.0
City of Antipolo	14,047	97.1	2.9	0.0	0.0
REGION IVB - MIMAROPA	46,181	89.2	9.7	1.1	0.0
Marinduque	3,552	98.0	1.3	0.6	0.1
Occidental Mindoro	8,234	85.9	10.7	3.4	0.0
Oriental Mindoro	7,229	80.8	17.5	1.5	0.2
Palawan	10,781	80.2	19.3	0.6	0.0
Romblon	4,502	97.3	2.6	0.1	0.0
Calapan City	6,606	99.1	0.4	0.5	0.0
Puerto Princesa City	5,277	98.9	1.1	0.0	0.0
REGION V - BICOL	107,423	95.2	4.6	0.1	0.0
Albay	12,790	96.5	3.4	0.1	0.0
Camarines Norte	12,109	96.8	3.1	0.1	0.0
Camarines Sur	18,874	86.3	13.6	0.1	0.0
Catanduanes	4,985	97.7	2.3	0.0	0.0
Masbate	9,281	90.9	8.8	0.2	0.0
Sorsogon	7,707	97.2	1.8	1.0	0.0
Legazpi City	7,365	99.6	0.3	0.0	0.0
City of Ligao	2,600	99.0	0.6	0.4	0.0
City of Tabaco	2,005	95.5	4.5	0.0	0.0
Iriga City	2,074	95.2	4.8	0.0	0.0
Naga City	16,328	98.6	1.4	0.0	0.0
City of Masbate	5,528	99.1	0.9	0.0	0.0
City of Sorsogon	5,777	99.9	0.1	0.1	0.0
REGION VI - WESTERN VISAYAS	105,505	95.4	4.3	0.4	0.0
Aklan	9,401	90.4	9.6	0.1	0.0
Antique	6,640	92.4	6.7	0.9	0.0
Capiz	4,773	90.5	9.4	0.0	0.0
Guimaras	2,021	98.5	0.6	0.9	0.0
Iloilo	18,838	97.1	2.7	0.2	0.0
Negros Occidental	9,648	87.6	12.0	0.4	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
Roxas City	5,521	99.2	0.8	0.0	0.0
Iloilo City	14,788	99.9	0.1	0.0	0.0
City of Passi	1,003	89.8	10.2	0.0	0.0
Bacolod City	9,186	99.5	0.3	0.2	0.0
Bago City	1,118	99.5	0.4	0.1	0.0
Cadiz City	2,578	95.3	4.5	0.2	0.0
City of Escalante	974	98.6	1.4	0.0	0.0
City of Himamaylan	1,003	81.2	18.7	0.1	0.0
City of Kabankalan	4,451	90.8	7.6	1.6	0.0
La Carlota City	622	98.9	1.0	0.2	0.0
Sagay City	2,673	96.8	3.2	0.0	0.0
San Carlos City	3,327	97.1	0.8	2.1	0.0
Silay City	5,324	99.1	0.1	0.8	0.0
City of Sipalay	654	95.0	4.9	0.2	0.0
City of Talisay	415	95.2	4.6	0.2	0.0
City of Victorias	547	97.1	2.9	0.0	0.0
REGION VII - CENTRAL VISAYAS	140,585	96.3	3.1	0.6	0.0
Bohol	13,673	98.9	0.8	0.3	0.0
Cebu	22,724	96.3	2.3	1.5	0.0
Negros Oriental	6,885	72.2	25.1	2.6	0.0
Siquijor	1,239	99.9	0.1	0.0	0.0
Tagbilaran City	7,294	100.0	0.0	0.0	0.0
City of Bogo	4,160	99.4	0.2	0.3	0.0
City of Carcar	4,314	99.9	0.0	0.1	0.0
Cebu City	32,060	99.4	0.5	0.1	0.0
Danao City	4,241	98.0	0.4	1.6	0.0
Lapu-Lapu City	7,584	99.8	0.0	0.1	0.0
Mandaue City	11,371	98.2	1.8	0.0	0.0
City of Naga	1,964	97.9	1.2	0.9	0.0
City of Talisay	4,319	98.3	1.3	0.4	0.0
Toledo City	2,802	76.3	23.6	0.1	0.0
Bais City	1,313	84.8	15.1	0.1	0.0
City of Bayawan	1,936	94.7	4.3	0.9	0.1
Canlaon City	569	91.4	6.3	2.3	0.0
Dumaguete City	10,229	99.7	0.1	0.1	0.0
City of Guihulngan	1,707	78.3	21.1	0.6	0.0
City of Tanjay	201	18.4	80.1	1.5	0.0
REGION VIII - EASTERN VISAYAS	66,999	96.5	3.2	0.3	0.0
Biliran	3,023	98.8	0.3	0.8	0.0
Eastern Samar	4,509	92.7	7.3	0.0	0.0
Leyte	15,753	98.1	1.4	0.6	0.0
Northern Samar	8,312	94.6	5.3	0.0	0.0
Samar	3,868	89.0	10.9	0.2	0.0
Southern Leyte	2,873	98.8	1.1	0.1	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
City of Borongan	1,849	96.6	3.4	0.0	0.0
City of Baybay	1,368	96.7	1.8	1.5	0.0
Ormoc City	6,978	99.2	0.6	0.1	0.0
Tacloban City	9,825	99.7	0.2	0.1	0.0
Calbayog City	3,301	85.9	14.1	0.0	0.0
City of Catbalogan	2,622	95.8	4.1	0.1	0.0
City of Maasin	2,718	99.8	0.1	0.1	0.0
REGION IX - ZAMBOANGA PENINSULA	59,274	90.6	8.9	0.4	0.0
Zamboanga Del Norte	8,567	81.2	18.0	0.8	0.0
Zamboanga Del Sur	8,730	88.0	11.4	0.5	0.1
Zamboanga Sibugay	9,896	90.3	9.0	0.6	0.0
Dapitan City	1,320	97.7	2.3	0.0	0.0
Dipolog City	5,229	99.3	0.7	0.0	0.0
City of Isabela	1,643	73.3	26.5	0.2	0.0
Pagadian City	6,304	97.1	2.9	0.0	0.0
Zamboanga City	17,585	92.9	6.8	0.3	0.0
REGION X - NORTHERN MINDANAO	92,146	93.5	6.3	0.2	0.0
Bukidnon	18,999	92.2	7.1	0.7	0.0
Camiguin	1,399	99.8	0.1	0.1	0.0
Lanao del Norte	8,462	77.3	22.6	0.1	0.0
Misamis Occidental	1,655	79.8	19.5	0.4	0.3
Misamis Oriental	7,575	90.1	9.7	0.1	0.0
City of Malaybalay	7,486	97.2	2.7	0.1	0.0
City of Valencia	1,922	84.4	15.6	0.1	0.0
Iligan City	8,270	96.3	3.6	0.0	0.0
Oroquieta City	2,464	99.9	0.1	0.0	0.0
Ozamis City	8,030	99.6	0.4	0.0	0.0
Tangub City	1,166	87.3	12.7	0.0	0.0
Cagayan de Oro City	21,670	98.6	1.4	0.0	0.0
El Salvador City	264	96.6	3.4	0.0	0.0
Gingoog City	2,784	93.9	5.6	0.5	0.0
REGION XI - DAVAO	87,770	97.2	2.5	0.3	0.0
Compostela Valley	10,494	97.6	2.2	0.2	0.0
Davao	5,196	89.9	9.6	0.5	0.0
Davao Del Sur	4,154	91.3	7.9	0.7	0.0
Davao Oriental	2,407	88.7	10.6	0.6	0.1
Davao Occidental	1,246	81.8	18.1	0.2	0.0
City of Panabo	2,487	97.6	1.9	0.5	0.0
Island Garden City of Samal	1,437	99.0	0.9	0.1	0.0
City of Tagum	14,058	99.3	0.1	0.6	0.0
Davao City	35,414	98.2	1.5	0.2	0.0
City of Digos	6,094	99.5	0.5	0.0	0.0
City of Mati	4,783	99.9	0.1	0.0	0.0

Table 10

PERCENT DISTRIBUTION OF LIVEBIRTHS
By Attendance, Region, Province & City
Philippines, 2019

AREA	Total Livebirths	Births Attended by:			
		Health Professional	Traditional Birth Attendants	Others	Not Stated
REGION XII - SOCCSKSARGEN	81,191	90.2	9.7	0.1	0.0
Cotabato	16,246	71.4	28.4	0.2	0.0
Saranggani	6,742	92.2	7.4	0.4	0.0
South Cotabato	7,063	90.2	9.6	0.2	0.0
Sultan Kudarat	9,523	86.5	13.3	0.2	0.0
Cotabato City	6,245	92.7	7.3	0.0	0.0
City of Kidapawan	7,520	99.6	0.4	0.0	0.0
General Santos City	16,097	98.7	1.2	0.1	0.0
City of Koronadal	9,142	98.9	1.1	0.0	0.0
City of Tacurong	2,613	99.6	0.3	0.1	0.0
REGION XIII - CARAGA	42,154	95.3	4.6	0.1	0.0
Agusan del Norte	1,868	84.0	15.3	0.7	0.0
Agusan del Sur	9,345	89.7	10.0	0.4	0.0
Surigao del Norte	3,193	95.1	4.9	0.0	0.0
Surigao del Sur	4,794	94.5	5.4	0.1	0.0
Dinagat Islands	686	94.5	5.2	0.3	0.0
Butuan City	7,773	99.7	0.3	0.0	0.0
City of Cabadbaran	1,847	99.5	0.4	0.1	0.0
City of Bayugan	1,418	92.9	7.1	0.0	0.0
Surigao City	5,397	98.1	1.9	0.1	0.0
City of Bislig	2,297	99.1	0.9	0.0	0.0
City of Tandag	3,536	99.9	0.1	0.0	0.0
BARMM	25,804	53.9	46.0	0.2	0.0
Basilan	1,270	3.6	96.1	0.2	0.1
Lanao del Sur	2,799	57.9	41.2	0.8	0.0
Maguindanao	11,273	51.7	48.1	0.2	0.0
Sulu	3,625	40.9	59.0	0.1	0.0
Tawi-tawi	2,341	37.0	63.0	0.0	0.0
City of Lamitan	563	71.8	28.2	0.0	0.0
Marawi City	3,933	92.7	7.3	0.0	0.0

NUMBER OF LIVEBIRTHS BY AGE OF MOTHER
Philippines, 2019

Age-Group

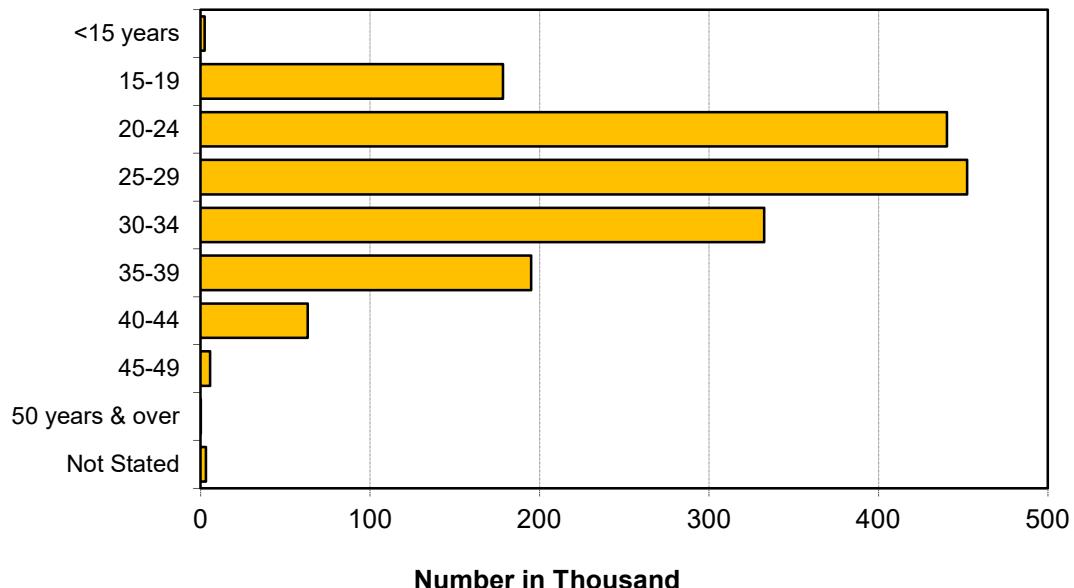


Figure 9

LIVEBIRTHS BY REGION
Percent Distribution
Philippines, 2019

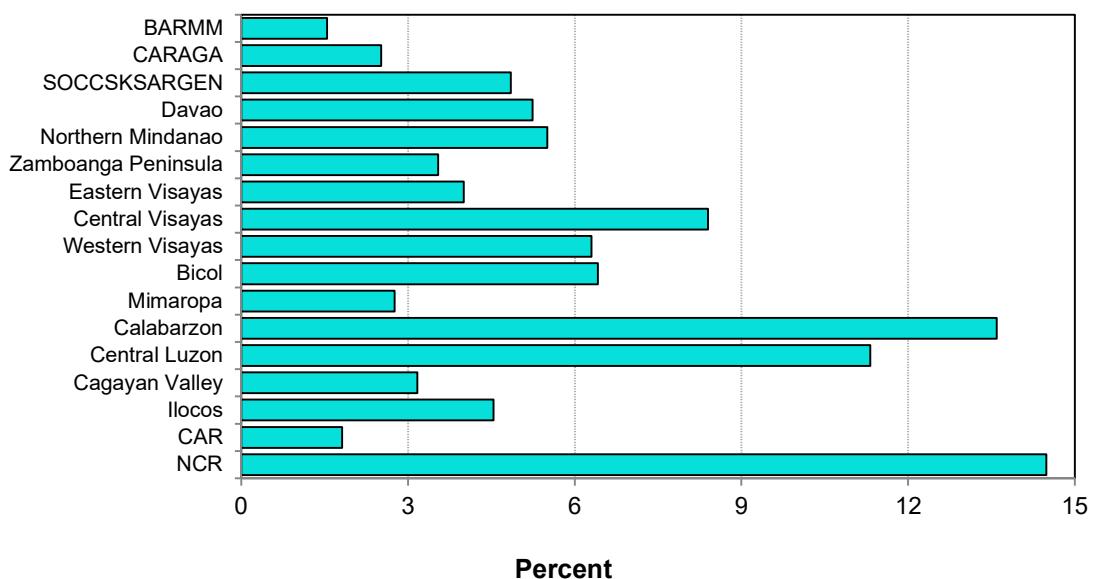


Figure 10

Table 11

NUMBER AND PERCENT DISTRIBUTION OF LIVEBIRTHS
By Age Group of Mother
Philippines, 2019

Age of Mother	Number	Percent
All Ages	1,673,923	100.0
Under 15 years	2,411	0.1
15 - 19 years	178,505	10.7
20 - 24 years	440,503	26.3
25 - 29 years	452,406	27.0
30 - 34 years	332,658	19.9
35 - 39 years	195,179	11.7
40 - 44 years	63,286	3.8
45 - 49 years	5,611	0.3
50 years & Over	169	0.0
Not Stated	3,195	0.2

Table 12

LIVEBIRTHS BY AGE OF MOTHER & NUMBER OF LIVING CHILDREN
Philippines, 2019

Age Group of Mother (In Years)	Total Livebirths	Number of Living Children				
		1	2	3	4	5
All Ages	1,673,923	605,260	481,843	293,889	145,700	70,957
Under 15 years	2,411	2,391	20	-	-	-
15 - 19 years	178,505	151,171	25,386	1,846	82	11
20 - 24 years	440,503	232,708	150,291	46,780	9,122	1,354
25 - 29 years	452,406	134,422	158,778	99,906	41,349	13,381
30 - 34 years	332,658	59,014	97,203	84,404	49,003	24,466
35 - 39 years	195,179	19,801	41,271	48,103	34,143	22,064
40 - 44 years	63,286	4,469	7,820	11,615	10,871	8,691
45 - 49 years	5,611	448	450	661	715	700
50 years & over	169	34	18	21	22	20
Not Stated	3,195	802	606	553	393	270

Age Group of Mother (In Years)	Number of Living Children					
	6	7	8	9	10 & Over	Not Stated
All Ages	36,812	18,758	10,210	5,356	4,896	242
Under 15 years	-	-	-	-	-	-
15 - 19 years	2	-	-	-	-	7
20 - 24 years	187	14	1	-	-	46
25 - 29 years	3,462	838	168	41	6	55
30 - 34 years	11,618	4,455	1,642	558	242	53
35 - 39 years	13,889	7,805	4,406	2,135	1,524	38
40 - 44 years	6,784	4,940	3,401	2,208	2,473	14
45 - 49 years	644	565	497	362	567	2
50 years & over	12	9	11	9	13	-
Not Stated	214	132	84	43	71	27

Note: "-" means 0

Table 13

LIVEBIRTHS BY AGE OF MOTHER & REGION
Philippines, 2019

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	1,673,923	2,411	178,505	440,503	452,406	332,658	195,179	63,286	5,611	169	3,195
NCR	242,500	422	22,551	59,079	67,292	52,639	31,041	8,785	577	30	84
CAR	30,355	36	3,059	7,697	8,359	6,373	3,568	1,139	90	5	29
Ilocos	76,008	89	7,894	19,750	20,813	15,308	9,022	2,845	232	3	52
Cagayan Valley	53,001	105	6,141	14,382	14,435	10,010	5,845	1,860	174	10	39
Central Luzon	189,443	302	20,453	50,196	52,115	37,683	21,621	6,436	545	17	75
Calabarzon	227,584	277	20,367	58,840	63,449	47,684	27,842	8,419	657	13	36
Mimaropa	46,181	67	5,182	12,740	12,318	8,650	4,961	1,764	179	4	316
Bicol	107,423	97	11,092	29,717	28,130	20,309	12,719	4,826	482	12	39
Western Visayas	105,505	107	9,743	26,555	28,584	21,936	13,318	4,774	444	7	37
Central Visayas	140,585	179	13,722	37,862	39,545	27,467	16,017	5,345	404	6	38
Eastern Visayas	66,999	70	7,676	19,084	17,560	12,252	7,374	2,642	277	3	61
Zamboanga Peninsula	59,274	84	7,277	16,361	15,334	10,953	6,564	2,332	213	3	153
Northern Mindanao	92,146	187	12,749	25,099	23,491	16,852	9,549	3,528	370	11	310
Davao	87,770	182	11,817	24,168	22,581	16,473	9,251	3,037	239	2	20
SOCCSKSARGEN	81,191	118	11,247	21,858	20,829	15,205	8,755	2,841	307	15	16
CARAGA	42,154	59	4,956	11,423	11,317	8,092	4,499	1,621	171	6	10
BARMM	25,804	30	2,579	5,692	6,254	4,772	3,233	1,092	250	22	1,880
Foreign Country											

Note: Table by usual residence of mother

MORBIDITY STATISTICS

Philippine President Rodrigo Roa Duterte signed into law last April 26, 2019 the Republic Act No. 11332 also known as the “Mandatory Reporting of Notifiable Diseases and Health Events of Public Health Concern Act”

Sections 5 and 6 of this Act provide that the Epidemiology Bureau, under the DOH shall regularly update and issue a list of nationally notifiable diseases and health events of public health concern with their corresponding case definitions and shall issue the official list of institutionalized public health information system for mandatory reporting of notifiable diseases and health events of public concern which shall include the Field Health Service Information System (FHSIS).

Further under this Act, Section 6.c mandates all public and private physicians, allied medical personnel, professional societies, hospitals, clinics, health facilities, laboratories, institutions, workplaces, schools, prisons, ports, airports, establishments, communities, other government agencies, and NGOs to accurately and immediately report notifiable diseases and health events of public health concern as issued by the DOH.

Rule II and Rule VI of the 2020 Revised Implementing Rules and Regulations of Republic Act No. 11332, lists the notifiable diseases or health event of public health concerns by category. However, at the time this report was written, an official list of notifiable diseases based on RA 1332 was not yet available. Thus, the notifiable diseases in this report were still based from the list of the previous law and which were reported in Field Health Service Information System (FHSIS) as part of the Morbidity Report.

In this premise, the source of the Morbidity data presented in this report is the 2019 FHSIS Annual Report. The FHSIS data were based on the monthly morbidity 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 Updated Projected Mid-Year Population Based on 2015 POPCEN by Five- Year Age Group, Sex, Single-Calendar Year and by Province: 2015 - 2025 of the Philippine Statistics Authority (PSA).

The 2019 PHS presented the ten (10) leading causes of morbidity. The number one leading cause of morbidity was acute respiratory tract infection (ARTI) with a total of 1,164,944 cases or a rate of 1,085.8 per 100,000 population. This was a 2.8 percent and 4.2 percent decrease in number of cases and rate, respectively.

Hypertension was second on the list with 466,383 cases and a rate of 434.7 cases per 100,000 population. It was followed by urinary tract infection (224,859; 209.6); acute lower respiratory tract infection (ALRTI) (185,945; 173.3); and acute watery diarrhea (132,025; 123.1). The same top five diseases were recorded in 2019 and 2018. However, in 2019, Pneumonia had its independent count of cases, unlike in previous years, where cases were counted together with ALRTI. There were considerable increases in number of cases of skin diseases and animal bites, which are now in the 7th and 8th rank of the leading causes of morbidity. It is unusual for these diseases to be never included in the top ten leading cause of morbidity. Record shows that even in the past two decades, morbidity cases for these conditions were low.

Table 15 shows the ten leading causes of morbidity among the males and among the females. The diseases recorded which affect the health, separately of males and females were all the same. They only differ in rates and consequently a slight difference in ranks. Nine (9) out of the ten (10) diseases were higher in females than males, when rates are compared across sex. The computed morbidity rates showed that females tend to be more ill with these nine conditions than males.

The 2019 report on leading causes of morbidity by region, reflects the leading causes of morbidity at the national level, only with variation in morbidity rates by type of morbid condition. On the average, eight out of the ten leading causes of morbidity in the country were reflected in each of the 17 regions. Some of the diseases which were often included in the regional list of leading causes of morbidity but not in the national list were TB respiratory and all forms, fever of unknown origin, gonorrhea, leptospirosis, COPD, influenza-like illness, typhoid fever, and measles. (Table 16)

Table 18 and Figure 13 show disease trends as to the number of cases and deaths from 1999 to 2019. The 2019 morbidity rates are higher than in 2018 for diarrhea, tetanus and measles; and lower for dengue, pneumonia, malaria and typhoid. On the other hand, the mortality rates of measles and pneumonia were higher in 2019 than in 2018.

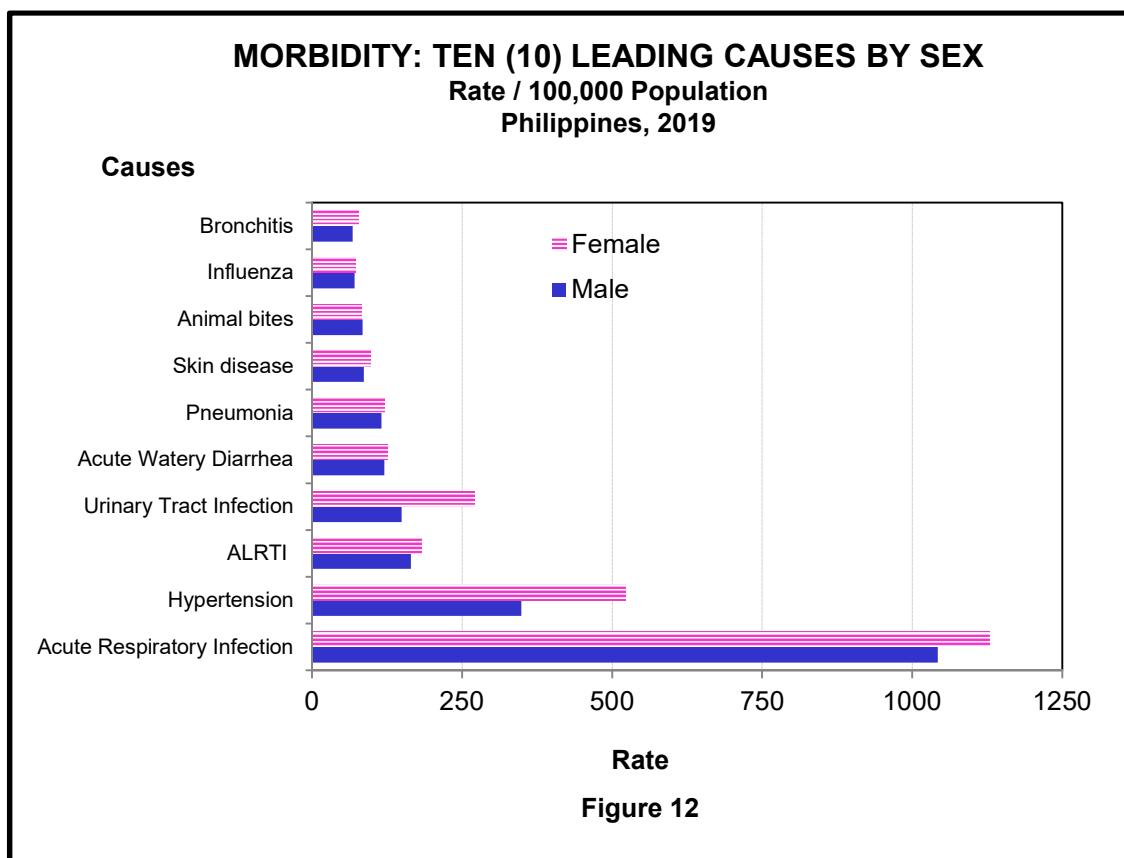
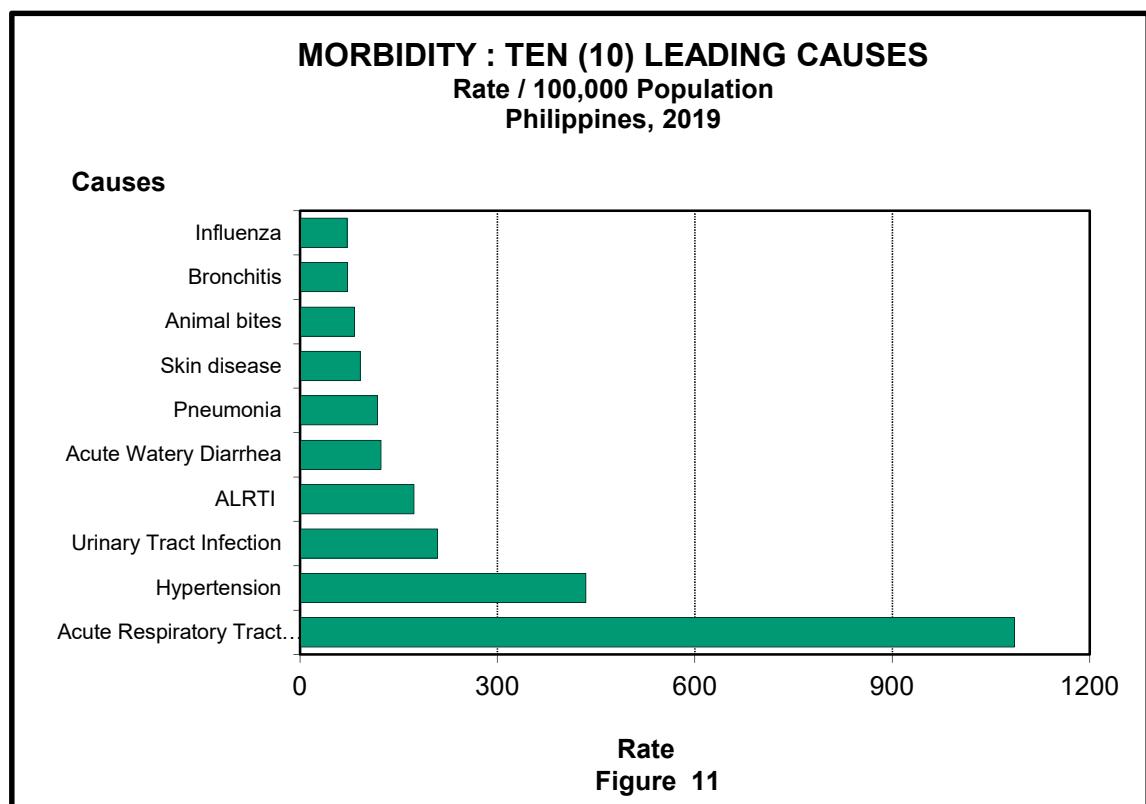


Table 14

**MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate /100,000 Population
Philippines, 2019**

Cause	Number	Rate
1 Acute Respiratory Tract Infection (J22)	1,164,944	1,085.8
2 Hypertension (I10)	466,383	434.7
3 Urinary Tract Infection (N39.0)	224,859	209.6
4 Acute Lower Respiratory Tract Infection (J20-J22)	185,945	173.3
5 Acute Watery Diarrhea (A09)	132,025	123.1
6 Pneumonia (J12-J18)	126,491	117.9
7 Skin Disease	98,578	91.9
8 Animal bites	89,082	83.0
9 Bronchitis (J40)	77,702	72.4
10 Influenza (J10-J11)	76,718	71.5

Table 15

MORBIDITY: TEN (10) LEADING CAUSES BY SEX
Number & Rate /100,000 Population
Philippines, 2019

Cause	Male	
	Number*	Rate
1 Acute Respiratory Tract Infection	565,174	1,042.7
2 Hypertension	189,112	348.9
3 Acute Lower Respiratory Tract Infection	89,343	164.8
4 Urinary Tract Infection	81,031	149.5
5 Acute Watery Diarrhea	65,413	120.7
6 Pneumonia	62,745	115.8
7 Skin disease	46,753	86.3
8 Animal bites	45,549	84.0
9 Influenza	38,411	70.9
10 Bronchitis	36,523	67.4

Cause	Female	
	Number*	Rate
1 Acute Respiratory Tract Infection	599,770	1,129.8
2 Hypertension	277,271	522.3
3 Urinary Tract Infection	143,828	270.9
4 Acute Lower Respiratory Tract Infection	96,602	182.0
5 Acute Watery Diarrhea	66,612	125.5
6 Pneumonia	63,746	120.1
7 Skin disease	51,825	97.6
8 Animal bites	43,533	82.0
9 Bronchitis	41,179	77.6
10 Influenza	38,307	72.2

* 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, 2019

Causes	National Capital Region	
	Number	Rate
1 Acute Respiratory Infection	225,356	1,653.0
2 Hypertension	88,422	648.6
3 Urinary Tract Infection	41,127	301.7
4 Pneumonia	24,664	180.9
5 Bronchitis	23,630	173.3
6 Acute Lower Respiratory Tract Infection	18,071	132.5
7 TB All Forms	14,999	110.0
8 Animal Bites	6,126	44.9
9 Influenza	4,515	33.1
10 Skin Disease	3,938	28.9

Causes	CAR	
	Number	Rate
1 Acute Respiratory Infection	55,095	3,074.7
2 Hypertension	12,441	694.3
3 Urinary Tract Infection	9,037	504.3
4 Bronchitis	8,199	457.6
5 Skin Disease	3,718	207.5
6 Fever of Unknown Origin	3,457	192.9
7 Acute Watery Diarrhea	2,983	166.5
8 Pneumonia	2,418	134.9
9 Acute Lower Respiratory Tract Infection	2,190	122.2
10 Influenza Like-Illness	1,159	64.7

Causes	Ilocos	
	Number	Rate
1 Hypertension	40,341	772.0
2 Acute Watery Diarrhea	28,997	554.9
3 Acute Hemorrhagic Fever	27,481	525.9
4 Influenza Like-Illness	14,259	272.9
5 Influenza	5,014	95.9
6 Measles	3,777	72.3
7 Leptospirosis	482	9.2
8 Typhoid and Paratyphoid Fever	384	7.3
9 Viral Meningitis	148	2.8
10 Non-Neonatal Tetanus	100	1.9

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2019

Causes	Cagayan Valley	
	Number	Rate
1 Acute Respiratory Infection	30,572	844.6
2 Animal Bites	5,879	162.4
3 Hypertension	5,183	143.2
4 Skin Disease	3,701	102.2
5 Urinary Tract Infection	2,453	67.8
6 Acute Watery Diarrhea	2,162	59.7
7 Pneumonia	2,092	57.8
8 TB All Forms	964	26.6
9 Acute Hemorrhagic Fever	447	12.3
10 Gonorrhea	356	9.8

Causes	Central Luzon	
	Number	Rate
1 Acute Respiratory Infection	488,430	4,034.8
2 Hypertension	56,213	464.4
3 Acute Lower Respiratory Tract Infection	53,507	442.0
4 Skin Disease	40,881	337.7
5 Urinary Tract Infection	34,374	284.0
6 Animal Bites	13,750	113.6
7 TB All Forms	11,171	92.3
8 Acute Watery Diarrhea	7,476	61.8
9 Diseases of the Heart	5,937	49.0
10 Bronchitis	5,874	48.5

Causes	Calabarzon	
	Number	Rate
1 Acute Respiratory Infection	100,189	636.4
2 Hypertension	75,642	480.5
3 Acute Lower Respiratory Tract Infection	61,741	392.2
4 Acute Bloody Diarrhea	61,444	390.3
5 Acute Watery Diarrhea	61,444	390.3
6 Urinary Tract Infection	52,624	334.3
7 Acute Febrile Illness	28,726	182.5
8 Animal Bites	27,338	173.7
9 Influenza	15,213	96.6
10 Pneumonia	10,989	69.8

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2019

Causes	Mimaropa	
	Number	Rate
1 Acute Respiratory Infection	7,876	251.2
2 Acute Watery Diarrhea	6,059	193.2
3 Urinary Tract Infection	5,854	186.7
4 Hypertension	4,315	137.6
5 Animal Bites	2,437	77.7
6 Pneumonia	2,287	72.9
7 Skin Disease	1,781	56.8
8 Acute Lower Respiratory Tract Infection	1,098	35.0
9 TB All Forms	895	28.5
10 Acute Hemorrhagic Fever	256	8.2

Causes	Bicol	
	Number	Rate
1 Acute Respiratory Infection	55,162	908.6
2 Urinary Tract Infection	16,277	268.1
3 Skin Disease	5,572	91.8
4 TB All Forms	4,805	79.1
5 Pneumonia	4,220	69.5
6 Acute Lower Respiratory Tract Infection	3,517	57.9
7 Chronic Obstructive Pulmonary Disease	2,406	39.6
8 Acute Bloody Diarrhea	2,362	38.9
9 Acute Watery Diarrhea	1,528	25.2
10 Influenza-Like Illness	1,260	20.8

Causes	Western Visayas	
	Number	Rate
1 Acute Respiratory Infection	33,647	429.4
2 Hypertension	28,444	363.0
3 Animal Bites	17,820	227.4
4 Pneumonia	14,694	187.5
5 Urinary Tract Infection	11,062	141.2
6 TB All Forms	7,325	93.5
7 Bronchitis	6,784	86.6
8 Acute Lower Respiratory Tract Infection	5,562	71.0
9 Skin Disease	5,525	70.5
10 Influenza	2,555	32.6

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2019

Causes	Central Visayas	
	Number	Rate
1 Acute Respiratory Infection	54,113	689.0
2 Hypertension	24,711	314.6
3 Pneumonia	14,452	184.0
4 Acute Lower Respiratory Tract Infection	14,335	182.5
5 Bronchitis	9,941	126.6
6 Animal Bites	2,034	25.9
7 Acute Bloody Diarrhea	1,504	19.2
8 Urinary Tract Infection	1,438	18.3
9 Influenza Like-Illness	843	10.7
10 TB All Forms	476	6.1

Causes	Eastern Visayas	
	Number	Rate
1 Hypertension	34,386	734.6
2 Acute Respiratory Infection	12,624	269.7
3 Pneumonia	6,285	134.3
4 Urinary Tract Infection	3,801	81.2
5 Acute Febrile Illness	3,730	79.7
6 Bronchitis	2,434	52.0
7 Skin Disease	2,179	46.6
8 TB All Forms	2,059	44.0
9 Acute Lower Respiratory Tract Infection	1,393	29.8
10 Diseases of the Heart	1,203	25.7

Causes	Zamboanga Peninsula	
	Number	Rate
1 Hypertension	6,504	173.2
2 Acute Bloody Diarrhea	2,498	66.5
3 Bronchitis	2,223	59.2
4 Influenza	2,167	57.7
5 Pneumonia	2,123	56.5
6 Influenza Like-Illness	1,658	44.2
7 Typhoid and Paratyphoid Fever	1,534	40.9
8 Urinary Tract Infection	1,111	29.6
9 Acute Watery Diarrhea	815	21.7
10 Acute Hemorrhagic Fever	784	20.9

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population*
Philippines, 2019

Causes	Northern Mindanao	
	Number	Rate
1 Hypertension	45,425	916.5
2 Acute Respiratory Infection	29,820	601.7
3 Urinary Tract Infection	20,607	415.8
4 Pneumonia	15,341	309.5
5 Animal Bites	8,295	167.4
6 Influenza Like-Illness	7,550	152.3
7 Skin Disease	7,113	143.5
8 Bronchitis	4,864	98.1
9 Influenza	4,233	85.4
10 Acute Lower Respiratory Tract Infection	3,450	69.6

Causes	Davao	
	Number	Rate
1 Acute Respiratory Infection	15,326	294.2
2 Hypertension	12,250	235.1
3 Pneumonia	11,221	215.4
4 Acute Lower Respiratory Tract Infection	10,436	200.3
5 Urinary Tract Infection	9,629	184.8
6 Bronchitis	6,410	123.0
7 Acute Watery Diarrhea	5,300	101.7
8 Influenza	3,356	64.4
9 Chronic Obstructive Pulmonary Disease	1,613	31.0
10 Diseases of the Heart	1,603	30.8

Causes	SOCCSKSARGEN	
	Number	Rate
1 Influenza	14,433	297.6
2 Pneumonia	7,206	148.6
3 Hypertension	7,190	148.2
4 Acute Febrile Illness	5,132	105.8
5 Acute Respiratory Infection	4,669	96.3
6 Acute Lower Respiratory Tract Infection	4,563	94.1
7 Bronchitis	3,932	81.1
8 Urinary Tract Infection	3,619	74.6
9 Acute Watery Diarrhea	2,411	49.7
10 Measles	1,613	33.3

* population of respective region

Table 16

REGIONAL MORBIDITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population
Philippines, 2019

Causes	CARAGA	
	Number	Rate
1 Acute Respiratory Infection	38,023	1,396.4
2 Influenza	19,595	719.6
3 Hypertension	19,012	698.2
4 Urinary Tract Infection	11,846	435.0
5 Skin Disease	11,242	412.9
6 Diseases of the Heart	10,840	398.1
7 Influenza Like-Illness	6,782	249.1
8 Acute Lower Respiratory Tract Infection	5,774	212.0
9 Bronchitis	2,494	91.6
10 Chronic Obstructive Pulmonary Disease	2,413	88.6

Causes	BARMM	
	Number	Rate
1 Acute Respiratory Infection	13,558	330.8
2 Hypertension	5,904	144.1
3 Acute Watery Diarrhea	5,567	135.8
4 Skin Disease	3,918	95.6
5 Pneumonia	2,643	64.5
6 Bronchitis	819	20.0
7 TB All Forms	530	12.9
8 Animal Bites	201	4.9
9 Influenza	179	4.4
10 Measles	13	0.3

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2019

Area	Acute Bloody Diarrhea		Acute Watery Diarrhea		Cholera (A00)		Typhoid and Paratyphoid Fever (A01)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	71,774	66.9	132,025	123.1	60	0.1	3,746	3.5
NCR	-	0.0	-	0.0	-	0.0	222	1.6
CAR	89	5.0	2,983	166.5	5	0.3	313	17.5
Ilocos	54	1.0	28,997	554.9	-	0.0	384	7.3
Cagayan Valley	35	1.0	2,162	59.7	-	0.0	262	7.2
Central Luzon	109	0.9	7,476	61.8	-	0.0	34	0.3
Calabarzon	61,444	390.3	61,444	390.3	-	0.0	70	0.4
Mimaropa	8	0.3	6,059	193.2	35	1.1	1	0.0
Bicol	2,362	38.9	1,528	25.2	-	0.0	29	0.5
Western Visayas	102	1.3	2,031	25.9	5	0.1	317	4.0
Central Visayas	1,504	19.2	-	0.0	-	0.0	-	0.0
Eastern Visayas	164	3.5	652	13.9	-	0.0	-	0.0
Zamboanga Peninsula	2,498	66.5	815	21.7	5	0.1	1,534	40.9
Northern Mindanao	976	19.7	2,728	55.0	1	0.0	268	5.4
Davao	44	0.8	5,300	101.7	7	0.1	238	4.6
SOCCSKSARGEN	210	4.3	2,411	49.7	2	0.0	24	0.5
CARAGA	2,175	79.9	1,872	68.7	-	0.0	50	1.8
BARMM	-	0.0	5,567	135.8	-	0.0	-	0.0

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2019

Area	Leptospirosis (A27)		Leprosy (A30)		Neonatal Tetanus (A33)		Non-Neonatal Tetanus (A35)		Diphtheria (A36)	
	Number	Rate	Number	Rate	Number	Rate*	Number	Rate	Number	Rate
Philippines	790	0.7	66	0.1	8	0.0	722	0.7	86	0.1
NCR	178	1.3	-	0.0	-	0.0	1	0.0	8	0.1
CAR	1	0.1	-	0.0	-	0.0	5	0.3	-	0.0
Ilocos	482	9.2	-	0.0	-	0.0	100	1.9	16	0.3
Cagayan Valley	2	0.1	2	0.1	-	0.0	-	0.0	-	0.0
Central Luzon	5	0.0	3	0.0	-	0.0	3	0.0	9	0.1
Calabarzon	5	0.0	4	0.0	-	0.0	-	0.0	1	0.0
Mimaropa	-	0.0	-	0.0	-	0.0	-	0.0	17	0.5
Bicol	8	0.1	20	0.3	-	0.0	11	0.2	-	0.0
Western Visayas	-	0.0	4	0.1	3	0.0	34	0.4	2	0.0
Central Visayas	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0
Eastern Visayas	-	0.0	7	0.1	-	0.0	-	0.0	-	0.0
Zamboanga Peninsula	37	1.0	-	0.0	3	0.1	35	0.9	16	0.4
Northern Mindanao	-	0.0	16	0.3	-	0.0	510	10.3	-	0.0
Davao	51	1.0	5	0.1	2	0.0	17	0.3	4	0.1
SOCCSKSARGEN	11	0.2	3	0.1	-	0.0	-	0.0	13	0.3
CARAGA	10	0.4	2	0.1	-	0.0	6	0.2	-	0.0
BARMM	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0

* per 1000 livebirth

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2019

Area	Whooping Cough (A37)		Meningococcal Infection (A39)		Rabies (Human) (A82)		Viral Encephalitis (A86)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	4,372	4.1	84	0.1	8	0.0	16	0.0
NCR	198	1.5	-	0.0	-	0.0	5	0.0
CAR	-	0.0	1	0.1	-	0.0	-	0.0
Ilocos	5	0.1	5	0.1	-	0.0	-	0.0
Cagayan Valley	4	0.1	-	0.0	-	0.0	1	0.0
Central Luzon	-	0.0	2	0.0	-	0.0	-	0.0
Calabarzon	3,610	22.9	-	0.0	-	0.0	-	0.0
Mimaropa	-	0.0	-	0.0	-	0.0	-	0.0
Bicol	-	0.0	2	0.0	-	0.0	-	0.0
Western Visayas	-	0.0	1	0.0	8	0.1	3	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	11	0.3	-	0.0	-	0.0
Northern Mindanao	534	10.8	1	0.0	-	0.0	5	0.1
Davao	18	0.3	19	0.4	-	0.0	-	0.0
SOCCSKSARGEN	-	0.0	-	0.0	-	0.0	2	0.0
CARAGA	3	0.1	42	1.5	-	0.0	-	0.0
BARMM	-	0.0	-	0.0	-	0.0	-	0.0

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2019

Area	Viral Meningitis (A87.9)		Acute Hemorrhagic Fever (A94)		Measles (B05)		Viral Hepatitis (B15-B19)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	433	0.4	38,439	35.8	13,460	12.5	1,047	1.0
NCR	15	0.1	8	0.1	1,099	8.1	186	1.4
CAR	-	0.0	199	11.1	10	0.6	6	0.3
Ilocos	148	2.8	27,481	525.9	3,777	72.3	65	1.2
Cagayan Valley	1	0.0	447	12.3	6	0.2	1	0.0
Central Luzon	18	0.1	4,269	35.3	1,338	11.1	-	0.0
Calabarzon	9	0.1	2	0.0	606	3.8	13	0.1
Mimaropa	-	0.0	256	8.2	37	1.2	8	0.3
Bicol	-	0.0	504	8.3	313	5.2	8	0.1
Western Visayas	83	1.1	2,083	26.6	657	8.4	96	1.2
Central Visayas	-	0.0	1	0.0	63	0.8	-	0.0
Eastern Visayas	-	0.0	-	0.0	166	3.5	2	0.0
Zamboanga Peninsula	-	0.0	784	20.9	675	18.0	186	5.0
Northern Mindanao	4	0.1	1,053	21.2	349	7.0	24	0.5
Davao	29	0.6	919	17.6	1,102	21.2	54	1.0
SOCCSKSARGEN	116	2.4	433	8.9	1,613	33.3	228	4.7
CARAGA	10	0.4	-	0.0	1,636	60.1	170	6.2
BARMM	-	0.0	-	0.0	13	0.3	-	0.0

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2019

Area	Malaria (B50-B54)		Schistosomiasis (B65)		Filariasis (B74)		Pneumonia (J18)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	97	0.1	1,218	1.1	3	0.0	126,491	117.9
NCR	-	0.0	2	0.0	-	0.0	24,664	180.9
CAR	-	0.0	-	0.0	-	0.0	2,418	134.9
Ilocos	3	0.1	-	0.0	-	0.0	-	0.0
Cagayan Valley	-	0.0	-	0.0	-	0.0	2,092	57.8
Central Luzon	-	0.0	-	0.0	-	0.0	5,410	44.7
Calabarzon	9	0.1	12	0.1	-	0.0	10,989	69.8
Mimaropa	-	0.0	1	0.0	-	0.0	2,287	72.9
Bicol	-	0.0	5	0.1	-	0.0	4,220	69.5
Western Visayas	-	0.0	3	0.0	-	0.0	14,694	187.5
Central Visayas	-	0.0	-	0.0	-	0.0	14,452	184.0
Eastern Visayas	-	0.0	15	0.3	-	0.0	6,285	134.3
Zamboanga Peninsula	2	0.1	-	0.0	-	0.0	2,123	56.5
Northern Mindanao	54	1.1	652	13.2	3	0.1	15,341	309.5
Davao	7	0.1	-	0.0	-	0.0	11,221	215.4
SOCCSKSARGEN	20	0.4	-	0.0	-	0.0	7,206	148.6
CARAGA	2	0.1	528	19.4	-	0.0	446	16.4
BARMM	-	0.0	-	0.0	-	0.0	2,643	64.5

Table 17

NOTIFIABLE DISEASES BY REGION
Number and Rate/100,000 Population
Philippines, 2019

Area	Acute Lower Respiratory Tract Infection (J22)		Acute Febrile Illness (R50)		Acute Flaccid Paralysis (A80.3)		Paralytic Shellfish Poisoning (T61)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Philippines	185,945	173.3	45,837	42.7	300	0.3	19	0.0
NCR	18,071	132.5	-	0.0	-	0.0	3	0.0
CAR	2,190	122.2	729	40.7	5	0.3	-	0.0
Ilocos	-	0.0	5	0.1	18	0.3	-	0.0
Cagayan Valley	296	8.2	344	9.5	7	0.2	-	0.0
Central Luzon	53,507	442.0	2,492	20.6	130	1.1	3	0.0
Calabarzon	61,741	392.2	28,726	182.5	1	0.0	12	0.1
Mimaropa	1,098	35.0	-	0.0	-	0.0	-	0.0
Bicol	3,517	57.9	-	0.0	-	0.0	-	0.0
Western Visayas	5,562	71.0	786	10.0	-	0.0	1	0.0
Central Visayas	14,335	182.5	-	0.0	-	0.0	-	0.0
Eastern Visayas	1,393	29.8	3,730	79.7	-	0.0	-	0.0
Zamboanga Peninsula	12	0.3	-	0.0	48	1.3	-	0.0
Northern Mindanao	3,450	69.6	2,922	59.0	2	0.0	-	0.0
Davao	10,436	200.3	225	4.3	23	0.4	-	0.0
SOCCSKSARGEN	4,563	94.1	5,132	105.8	66	1.4	-	0.0
CARAGA	5,774	212.0	746	27.4	-	0.0	-	0.0
BARMM	-	0.0	-	0.0	-	0.0	-	0.0

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1999-2019

Year	Diarrheas				Typhoid and Paratyphoid Fever (A01)			
	Cases * (A09)		Deaths (A00-A09)		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2019	203,799	190.0	3,769	3.5	3,746	3.5	242	0.2
2018	164,446	155.5	3,845	3.6	7,550	7.1	297	0.3
2017	152,093	145.0	4,606	4.4	8,956	8.5	299	0.3
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	141.0	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	677.9	5,614	6.5	11,359	13.1	***	***
2005	610,796	716.4	5,177	6.1	13,528	15.9	***	***
2004	581,414	695.8	4,717	5.6	12,535	15.0	***	***
2003	615,692	759.3	4,331	5.3	16,444	20.3	***	***
2002	726,310	913.6	3,684	4.6	13,664	17.2	***	***
2001	845,526	1085.0	4,200	5.4	15,757	20.2	***	***
2000	866,411	1134.8	4,015	5.3	13,034	17.1	***	***
1999	908,454	1215.4	3,308	4.4	17,675	23.6	892	1.2

* Acute Watery and Bloody Diarrhea

Year	Leprosy				Diphtheria (A36)			
	Cases (A30)		Deaths** (A30, B92)		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2019	66	0.1	23	0.0	86	0.1	29	0.0
2018	304	0.3	40	0.0	97	0.1	27	0.0
2017	213	0.2	28	0.0	36	0.0	28	0.0
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

** includes late effects

*** no data available

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1999-2019

Year	Whooping Cough (A37)				Tetanus			
	Cases		Deaths		Cases (A33, A35)		Deaths (A33-A35)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2019	4,372	4.1	12	0.0	730	0.7	516	0.5
2018	4,383	4.1	9	0.0	263	0.2	550	0.5
2017	96	0.1	15	0.0	282	0.3	552	0.5
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

Year	Schistosomiasis (B65)				Filariasis (B74)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2019	1,218	1.1	368	0.3	3	0.0	1	0.0
2018	1,240	1.2	364	0.3	195	0.2	3	0.0
2017	1,821	1.7	327	0.3	74	0.1	4	0.0
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

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1999-2019

Year	Measles (B05)				Dengue			
	Cases		Deaths		Cases A90, A91, A94		Deaths A90, A91	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2019	13,460	12.5	801	0.7	38,439	35.8	-	0.0
2018	10,024	9.5	338	0.3	65,090	61.5	2,077	2.0
2017	2,175	2.1	21	0.0	13,344	12.7	1,581	1.5
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	11915*	13.5	1,290	1.5
2006	3,664	4.2	43	0.0	14310*	16.5	1,017	1.2
2005	7,987	9.4	56	0.1	4092*	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

Year	Viral Hepatitis (B15-B19)				Malaria (B50-B54)			
	Cases		Deaths		Cases		Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2019	1,047	1.0	1,061	1.0	97	0.1	14	0.0
2018	1,292	1.2	1,009	1.0	1,665	1.6	7	0.0
2017	1,348	1.3	901	0.9	1,589	1.5	8	0.0
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

Table 18

NOTIFIABLE DISEASES: REPORTED CASES & DEATHS
Number & Rate/100,000 Population
Philippines
1999-2019

Year	Pneumonia			
	Cases * (J12-J18; J22)		Deaths (J12-J18)	
	Number	Rate	Number	Rate
2019	312,436	291.2	62,719	58.5
2018	504,128	476.7	56,815	53.7
2017	495,219	472.0	57,210	54.5
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

*Acute Lower RTI and Pneumonia

MORBIDITY AND MORTALITY TRENDS
 Rate / 100,000 Population, Philippines, 1999-2019

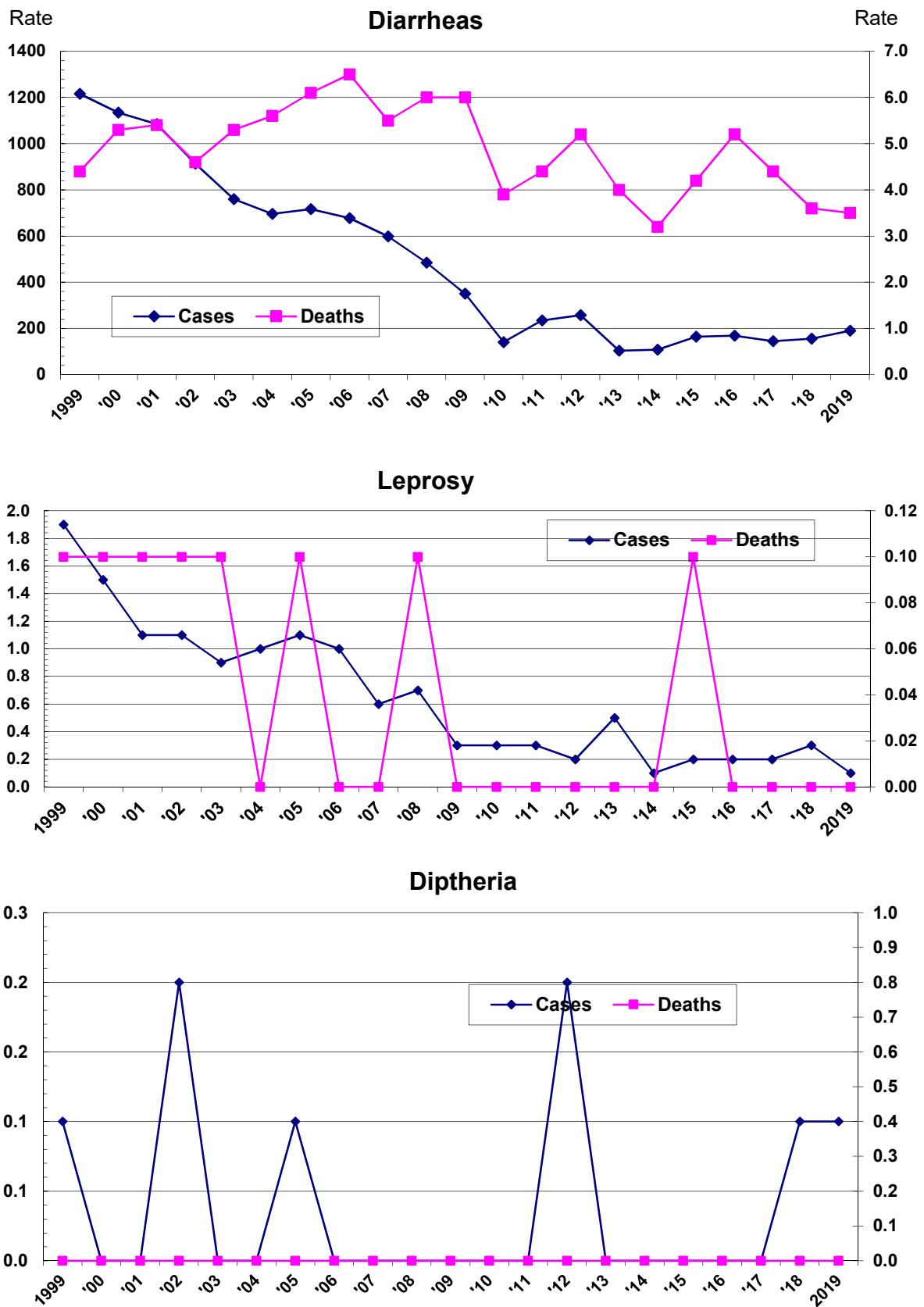


Figure 13

MORBIDITY AND MORTALITY TRENDS
 Rate / 100,000 Population, Philippines, 1999-2019

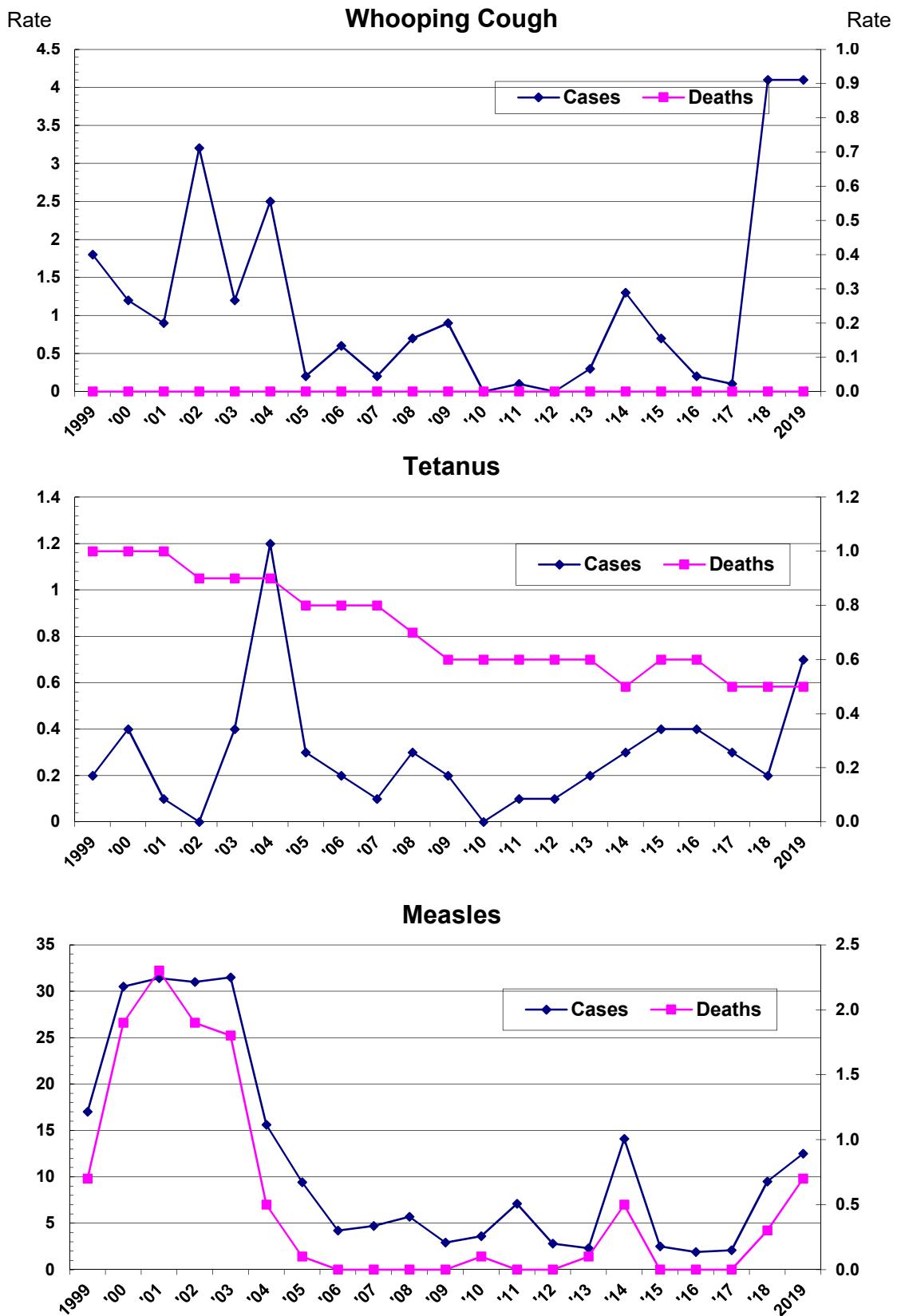


Figure 13

MORBIDITY AND MORTALITY TRENDS
 Rate / 100,000 Population, Philippines, 1999-2019

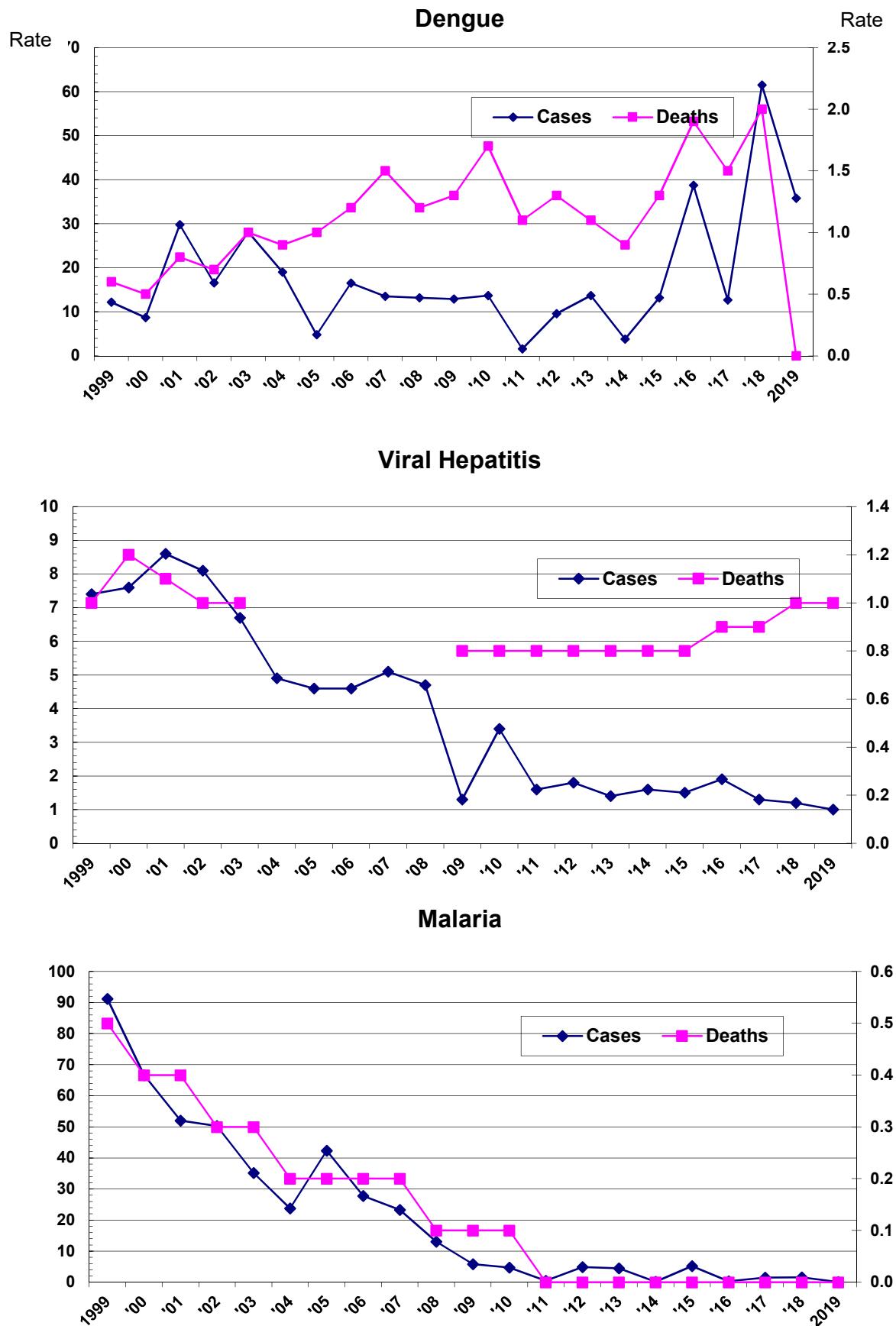


Figure 13

MORBIDITY AND MORTALITY TRENDS
 Rate / 100,000 Population, Philippines, 1999-2019

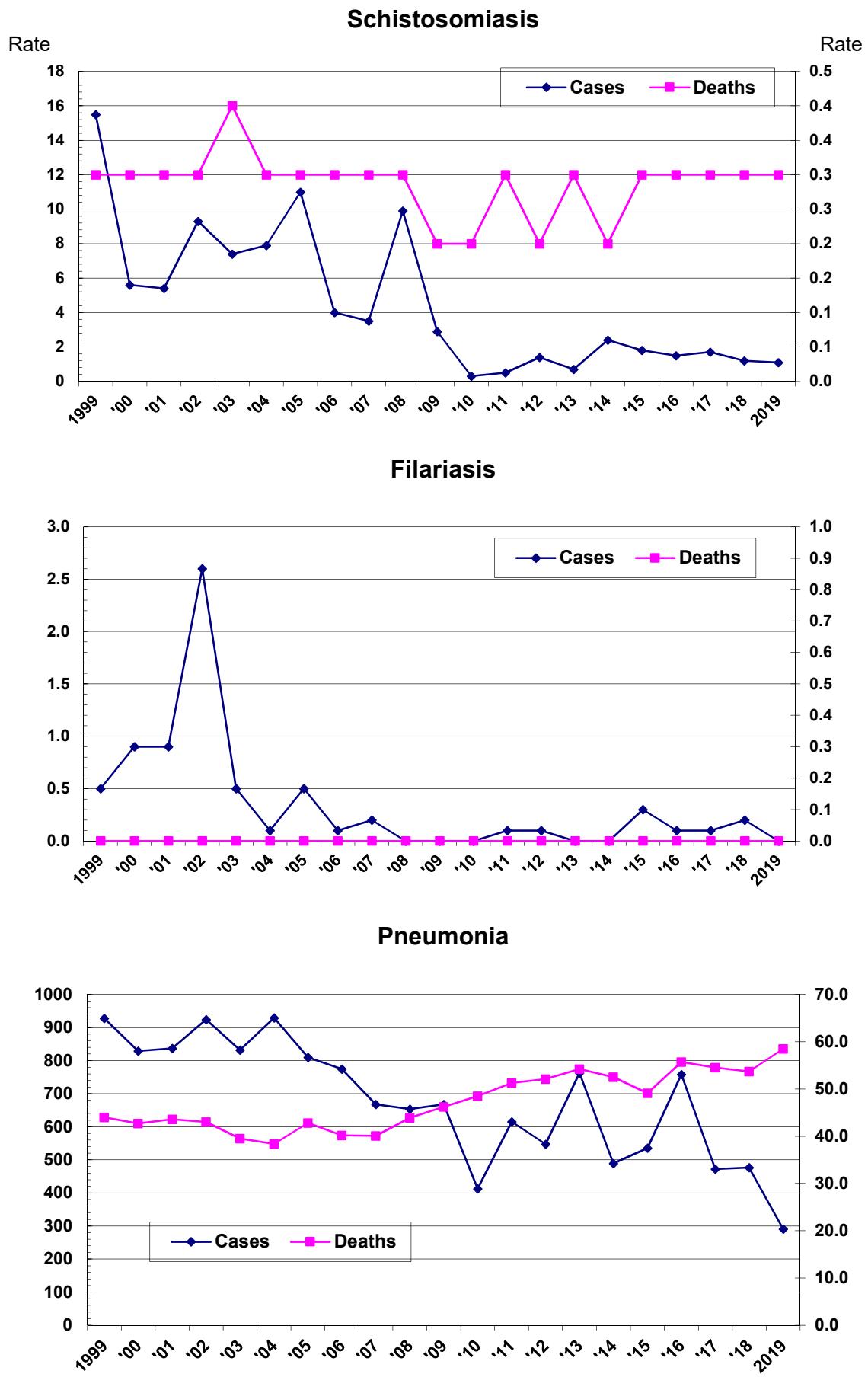


Figure 13

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 2019. 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 2019 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, 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 620,414 deaths registered in 2019. This was equivalent to a crude death rate (CDR) of 5.8 or about six (6) deaths per one thousand people in the country. On the average, there were 1,700 people who died daily, or 71 deaths per hour and one (1) death per minute. The CDR from 2010 to 2019 showed an increasing trend but it slightly declined in 2017. However, there was a 23.4 percent increase in CDR between 1999 and 2019, from 4.7 to 5.8 deaths per one thousand population. (Table 4)

Out of the total deaths, 57.1 percent or 354,486 deaths were males and 42.9 percent or 265,928 deaths were females. For every 100 female deaths, there correspond 133 male deaths and which constituted to a death sex ratio of 1.33. Consistently, across all regions, the number of male deaths are always higher than the number of female deaths. (Table 20)

Consequently, males always have higher death rate than females. In 2019, CDR for male is 6.5 versus CDR for female, which is 5.0 per one thousand population of each sex group. Reports also showed that the highest occurrence of deaths were among the elderly persons. Almost four in ten deaths (242,983; 39.2%) were registered for those 70 years old or older. However, death occurrence was least among age group 10-14 years with 0.8 percent or 4,794 deaths. Mortality among under 1 year old is nearly three times higher (21,723 or 3.5%) than the number of deaths in ages 1-4 years (7,816 or 1.3%). The number of deaths gets higher as people gets older, except for children under one year old, which is also with high proportion, as shown in Table 19.

Reports showed that the highest incidence of death was in NCR with 91,867 or 14.8 percent of the total deaths, followed by Calabarzon with 83,625 deaths or 13.5 percent and Central Luzon with 72,261 deaths or 11.6 percent. Consequently, these three regions are the most populous area in the country. Thus, proportion of deaths from these three regions alone, already comprised 39.7 percent of the total deaths. While, deaths from Luzon comprised already half (50.6%) of total deaths. (Table 20)

On the other hand, Bangsamoro Autonomous Region in Muslim Mindanao (BARMM) reported the least number of deaths with 2,480 or 0.4 percent only. While, Cordillera Administrative Region (CAR) and Caraga followed from the bottom, with a share of 1.5 percent and 2.4 percent respectively. CAR and Caraga had the lowest population compared to the rest of the regions of the country.

In terms of the CDR, Western Visayas Region reported the highest at 6.9 deaths per thousand of regional population. It is followed by NCR and Ilocos Region with equal CDR of 6.7 deaths per one thousand of the regional population. Expectedly, BARMM posted the lowest CDR with only 0.6 deaths per one thousand of the regional population. Eight (8) out of seventeen (17) regions in the country had surpassed the national CDR of 5.8. (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. In fact, for age groups between 15 to 44, male deaths were almost double the number of female deaths. There was a difference of 17.9 in CDRs between male and female for 70 years and older. (Table 19 and Table 20)

January recorded the highest number of deaths with 57,701 deaths or 9.3 percent share from total deaths. It recorded a daily average of 1,861 deaths or 78 deaths per hour. The months of October and November followed in rank from the highest with 54,980 and 52,787 deaths; and 8.9 and 8.5 percent, respectively. While, February recorded the least number of deaths with 48,798 or 7.9 percent share. (Table 6)

Out of 620,414 deaths registered in 2019, about 70.5 percent (437,666) were attributed to the top ten leading causes of death. Ischemic heart diseases were the leading cause of death with 97,475 or 15.7 percent. These were then followed by Malignant neoplasms (64,815: 10.4%) and Cerebrovascular diseases (63,548; 10.2%) as second and third on the list, respectively (Table 22).

Ischemic heart diseases were also the leading cause of death for both males (58,233: 16.4%) and females (39,242; 14.8%). In 2019, the same top four diseases were recorded to be common to both sexes. Ischemic heart diseases and Pneumonia have the same rank for male and female, but death rate from malignant neoplasm are higher for females than males. While, Cerebrovascular diseases were more prevalent to males than females. Deaths from transport accident was included in the list of leading causes of death for males, but not in females. While deaths from diseases of genitourinary system was included in the list for females but not in males. (Tables 24 & 25)

Eight out of the ten leading causes of deaths were male dominated. There were 18,991 more male deaths than female deaths for the Ischemic heart diseases but 3,357 more female deaths than male deaths for Malignant neoplasm, the first and the second leading cause of death, respectively. (Table 22)

Nonetheless, nine out of ten diseases were identified as the same leading causes of death for separate groups of male and female, which differed only in ranks when tabulated separately by sex. (Tables 24 and 25).

Generally, the number of deaths from Ischemic heart diseases increases as the age-groups get older. The highest number of deaths were registered for 70 years old and over with 42,249 deaths or 43.3 percent of the total 97,475 deaths. More female (22,712) deaths than male (19,537) deaths were recorded. (Table 28)

In 2019, the second leading cause of death was Malignant neoplasms (64,815; 10.4%), which is always second for the past five years already. It exceeded the number of deaths from diseases of the cerebrovascular system (63,548; 10.2%), which is still the third leading cause of death. The next two diseases in the list were Pneumonia (62,719; 10.1%) and Diabetes mellitus (34,570; 5.6%).

In 2019, about half of deaths from each of the ten leading causes of deaths were medically attended. While, approximately 3 in every 10 deaths were not attended by any medical professionals. (Table 26).

Across all regions, NCR had the highest proportion of deaths medically attended (71.6%), followed by Calabarzon (62.4%) and Cagayan Valley (59.7%). NCR is consistently high in the proportion of deaths medically attended, as well as Calabarzon. The NCR is composed of highly urbanized cities, and thus, it is expected that health service is readily available and that health facilities are accessible. While, Calabarzon, is a neighboring region of NCR and transportation is available. The proximity and ease of travel of people from Calabarzon to NCR may be accounted for the high proportion of medically attended deaths. However, still, about two to three out of ten deaths were still recorded to have died not attended by any medical professional. This may be due to other reason such as 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 34.4 percent or 213,625 deaths. This group included the two killer diseases, Ischemic heart diseases and Cerebrovascular diseases. (Table 30)

The number and rate of deaths from the three broad groupings of diseases: communicable diseases, malignant neoplasm and diseases of the heart is higher in 2019 than in 2018. For malignant neoplasm and diseases of the heart, deaths in 2019 were highest for the past 50 years (1969-2019). While, 2019 deaths from communicable diseases was highest compared to past 18 years (2002-2019). (Table 31)

The ten leading causes of mortality in a ten-year-period interval; 2019, 2009 and 1999 were shown in Table 32. For the past two decades, Filipinos died of mostly the same kind of diseases, diseases of the heart (which included Ischemic heart disease), diseases of the vascular system (or Cerebrovascular disease), malignant neoplasm and pneumonia. However, deaths from accidents were no longer leading cause of death in 2019, despite it being top five in the previous decades. (Table 32).

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.

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

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 2019. No adjustments for under registration were done in the presentation.

In 2019, the number of registered maternal death reached a total of 1,458 with a corresponding maternal mortality rate (MMR) of 0.9 deaths per one thousand livebirths. A decrease of 158 maternal deaths and 0.1 maternal death per thousand livebirths was computed from 2018 to 2019, respectively (Table 4).

The Caraga Region recorded the highest MMR of 1.2 maternal deaths per one thousand live births. While BARMM had the lowest with 0.4 deaths per one thousand live births. Six (6) out of 17 regions had MMR higher than the national MMR of 0.9, including the Caraga Region. (Table 5)

Eclampsia was the leading cause of maternal death in 2019 with 233 deaths and comprised 16.0 percent of maternal deaths. This was followed by gestational hypertension with significant proteinuria with 215 deaths and was 14.3 percent of the total maternal deaths. (Table 36)

INFANT MORTALITY

There were 21,723 infant deaths registered in 2019 which were equal to an infant mortality rate (IMR) of 13.0 deaths per thousand livebirths. The increase was about 3.2 percent, from 12.6 in 2018 to 13.0 in 2019. The number of infant deaths comprised 3.5 percent of the total deaths (620,414) reported during the year. On the average, there were about 60 infant deaths daily or two infant deaths every hour. This year's IMR was highest within the decade (2009-2019). (Table 4)

The National Capital Region (NCR) posted the highest IMR with 20.4 deaths per one thousand live births or 4,948 deaths. The regions of Ilocos and Mimaropa followed with IMR of 15.2 and 14.7 respectively. In contrary, BARMM recorded the lowest IMR of 4.3 with 112 infant deaths. Majority of the 17 regions (11 regions) fall below the national IMR of 13.0 infant deaths per one thousand live births. (Table 5)

September recorded the highest number of infant deaths in 2019 with 2,057 or 9.5 percent. This was translated to about 69 infant deaths per day or three infant deaths per hour. This was followed by months of January (2,003; 9.2%) and October (1,980; 9.1%). While, the month of December had the least number of registered infant deaths of 1,618 or 7.4 percent. (Table 6)

From the total infant deaths of 21,723 more deaths occurred to infants less than 28 days old with 55.1 percent or 11,966 deaths than to infants 28 days to less than one year old with 9,757 deaths or 44.9 percent. (Table 33)

The top three leading causes of infant mortality were respiratory distress of newborn (2,675; 12.3%), bacterial sepsis of newborn (2,253; 10.4) and pneumonia (1,881; 8.7%). Nine out of the ten leading causes of infant death recorded last year is present in 2019. The disorders related to length of gestation and fetal growth was dropped from the list and was replaced by diarrhea and gastroenteritis of presumed infectious origin. The number of infant deaths from respiratory distress, pneumonia, and congenital pneumonia increased, while deaths from bacterial sepsis decreased. (Table 34)

Across all regions, the proportion of infant deaths was generally higher among males than females. In the Philippines, more than half of infant deaths were males (12,473 or 57.4%). The infant death sex ratio was computed at 135 males per 100 female babies. (Table 35)

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 in 2019 were 9,083 which was equivalent to a fetal death ratio (FDR) of 5.4 per one thousand livebirth. This was translated to an average of 25 fetal deaths per day or more than one fetal death every hour. There was an increase in FDR of about 3.8 percent from previous year's FDR of 5.2. (Table 4)

The FDR was highest in Bicol Region with 8.2 fetal deaths per one thousand live births. The FDR also increased in this region by 6.5 percent from 2018 to 2019. The regions of Calabarzon and Central Visayas followed with FDR of 7.0 and 6.5 fetal deaths per one thousand live births, respectively. There are four (4) more regions which recorded an FDR higher than that of the national of 5.4 fetal deaths per one thousand live births. These were NCR (6.2), Ilocos (6.1), Mimaropa (6.4), and Davao (5.7). (Table 5)

Highest incidence of fetal deaths in 2019 was in October with 848 fetal deaths or 9.3 percent. It is followed by months of August (845; 9.3%) and September (829; 9.1%). The least number of occurrences was registered in December with 459 deaths or 5.1 percent of the total fetal deaths. (Table 6)

Almost all fetal deaths were attended by qualified medical professionals such as physician (97.1%), nurse (0.1%) and midwife (2.1%). While those who were attended by hilot or unlicensed midwife was 0.5 percent. There was a notable increase in proportion of deaths attended by a physician and decrease in those attended by hilot or unlicensed midwife. (Table 38)

Three out of ten fetal deaths (2,936; 32.3%) died of unspecified cause. The highest number of occurrence was in those with birthweight between 1,500-1,999 grams. The next two leading causes of fetal death recorded were birth asphyxia (1,660; 18.3%) and other conditions which originated during the perinatal period (1,292; 14.2%). (Table 39).

Most number of fetal deaths occurred to mothers in age-group 25-29 years, with 2,094 reported deaths or 23.1 percent of total fetal deaths. High numbers of fetal deaths were also registered to mothers of ages 20-24 years (1,725; 19.0%) and 30-34 years old (1,772; 19.5%). 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 11.5 and 11.4 fetal deaths per one thousand live births, respectively. (Table 40)

MORTALITY AMONG LOWER AGE GROUPS

The 2019 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 1-4 years. It recorded the highest age-specific death rate of 16.0 deaths per 100,000 of age-group population. Number of deaths from diseases of nervous system were second in rank for age-groups 1-4 and 5-9, and first on the list for older age-group; 10-14 years old. Statistics also showed that deaths due to accidental drowning and submersion were both recorded as the third leading cause of death among children under age-group 5-9 and 10-14 years old. Eight out of the ten leading causes of death among children were common in these three age groups which only differ in ranks. (Table 41)

MORTALITY AMONG IMMUNIZABLE DISEASES

The numbers of deaths from immunizable diseases, among 0-14 years old were presented in Table 42. The highest number of deaths was due to Measles (733), which were more than doubled when compared in year 2018 (323), followed by all forms of Tuberculosis, which comprised of pulmonary and extra-pulmonary TB, with 454 deaths. No death from acute poliomyelitis was registered to children age zero up to age 14 years.

Table 19

MORTALITY: ALL CAUSES BY AGE GROUP & SEX
Number , Rate/1,000 Population* & Percent Distribution
Philippines, 2019

Age	Male		Female		Both Sexes		
	Number	Rate	Number	Rate	Number	Rate	Percent
All Ages	354,486	6.5	265,928	5.0	620,414	5.8	100.0
Under 1 year	12,473	11.4	9,250	9.0	21,723	10.3	3.5
1 - 4 yrs.	4,269	0.9	3,547	0.8	7,816	0.9	1.3
5 - 9 yrs.	2,961	0.5	2,420	0.5	5,381	0.5	0.9
10 - 14 yrs.	2,778	0.5	2,016	0.4	4,794	0.4	0.8
15 - 19 yrs.	5,202	1.0	2,769	0.5	7,971	0.8	1.3
20 - 24 yrs.	7,747	1.6	3,465	0.7	11,212	1.2	1.8
25 - 29 yrs.	9,352	2.0	4,098	0.9	13,450	1.5	2.2
30 - 34 yrs.	10,374	2.5	4,816	1.2	15,190	1.9	2.4
35 - 39 yrs.	12,735	3.4	6,358	1.8	19,093	2.6	3.1
40 - 44 yrs.	16,069	5.0	8,297	2.7	24,366	3.9	3.9
45 - 49 yrs.	20,997	7.3	11,138	3.9	32,135	5.6	5.2
50 - 54 yrs.	26,912	11.0	14,362	5.9	41,274	8.5	6.7
55 - 59 yrs.	31,837	15.7	17,486	8.4	49,323	12.0	8.0
60 - 64 yrs.	38,128	24.4	21,368	12.8	59,496	18.4	9.6
65 - 69 yrs.	39,559	36.2	24,549	19.5	64,108	27.2	10.3
70 yrs. & Over	113,016	80.3	129,967	62.4	242,983	69.6	39.2
Not Stated	77	~	22	~	99	~	0.0

~ 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, 2019

Area	Male	Female	Both Sexes		
	Number	Number	Number	Rate*	Percent**
PHILIPPINES	354,486	265,928	620,414	5.8	100.0
National Capital Region	51,690	40,177	91,867	6.7	14.8
C.A.R.	5,384	3,997	9,381	5.2	1.5
Ilocos	19,555	15,434	34,989	6.7	5.6
Cagayan Valley	13,069	9,171	22,240	6.1	3.6
Central Luzon	41,325	30,936	72,261	6.0	11.6
Calabarzon	47,504	36,121	83,625	5.3	13.5
Mimaropa	9,638	6,813	16,451	5.2	2.7
Bicol	21,465	16,141	37,606	6.2	6.1
Western Visayas	30,641	23,068	53,709	6.9	8.7
Central Visayas	28,671	21,980	50,651	6.4	8.2
Eastern Visayas	14,350	11,397	25,747	5.5	4.1
Zamboanga Peninsula	11,089	8,198	19,287	5.1	3.1
Northern Mindanao	16,017	11,784	27,801	5.6	4.5
Davao	20,288	14,310	34,598	6.6	5.6
SOCCSKSARGEN	13,786	8,976	22,762	4.7	3.7
CARAGA	8,614	6,345	14,959	5.5	2.4
ARMM	1,400	1,080	2,480	0.6	0.4

* rate is per 1000 of regional population

** percent share from total deaths

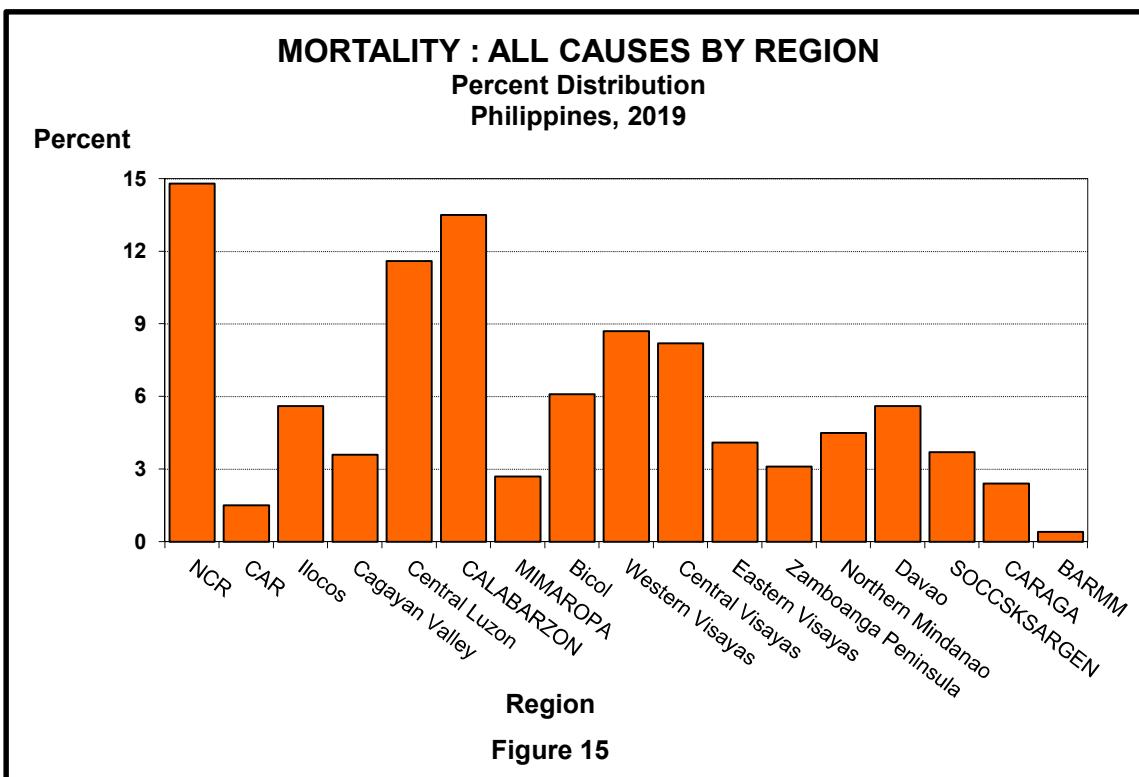
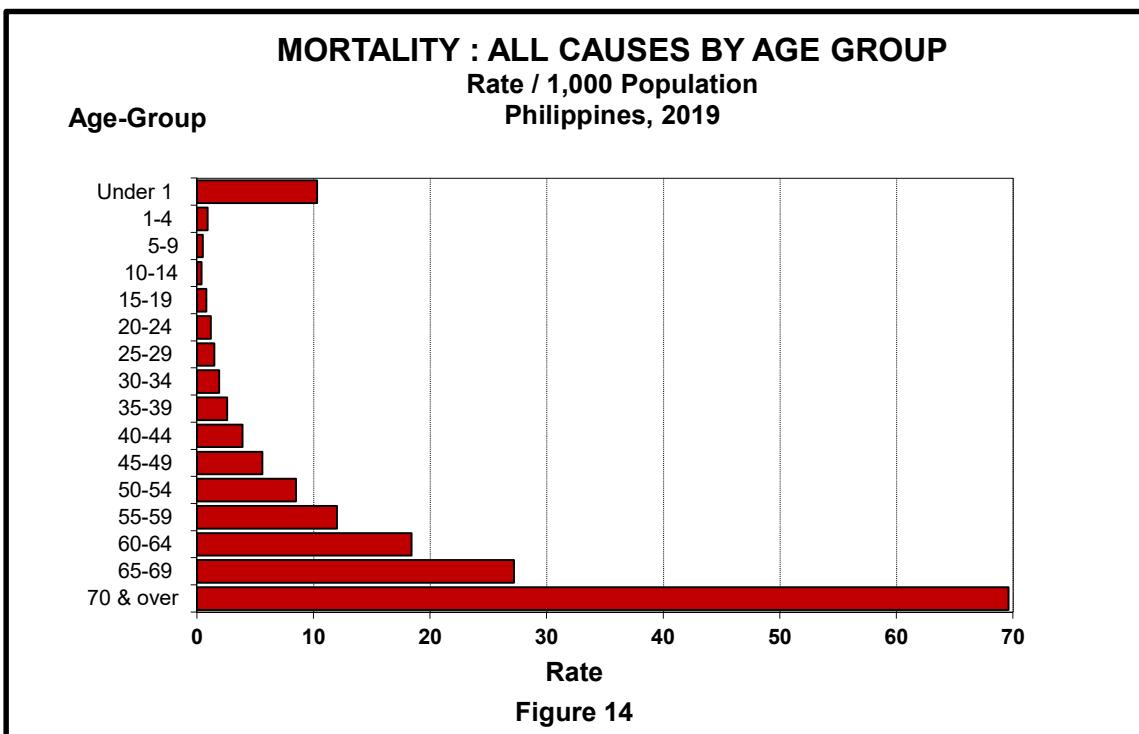


Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2019

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	51,690	40,177	91,867	100.0	5,384	3,997	9,381	100.0
Under 1 year	2,797	2,151	4,948	5.4	131	106	237	2.5
1 - 4 yrs.	731	621	1,352	1.5	33	31	64	0.7
5 - 9 yrs.	430	389	819	0.9	41	23	64	0.7
10 - 14 yrs.	373	304	677	0.7	28	24	52	0.6
15 - 19 yrs.	630	413	1,043	1.1	88	34	122	1.3
20 - 24 yrs.	1,188	586	1,774	1.9	126	40	166	1.8
25 - 29 yrs.	1,463	696	2,159	2.4	119	43	162	1.7
30 - 34 yrs.	1,606	833	2,439	2.7	141	65	206	2.2
35 - 39 yrs.	2,067	1,141	3,208	3.5	173	63	236	2.5
40 - 44 yrs.	2,654	1,411	4,065	4.4	213	119	332	3.5
45 - 49 yrs.	3,507	1,944	5,451	5.9	319	165	484	5.2
50 - 54 yrs.	4,447	2,518	6,965	7.6	342	178	520	5.5
55 - 59 yrs.	5,135	3,010	8,145	8.9	481	264	745	7.9
60 - 64 yrs.	5,721	3,516	9,237	10.1	543	308	851	9.1
65 - 69 yrs.	5,713	3,758	9,471	10.3	598	338	936	10.0
70 yrs. & Over	13,214	16,882	30,096	32.8	2,008	2,196	4,204	44.8
Not Stated	14	4	18	0.0	-	-	-	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	19,555	15,434	34,989	100.0	13,069	9,171	22,240	100.0
Under 1 year	653	499	1,152	3.3	339	240	579	2.6
1 - 4 yrs.	182	148	330	0.9	122	83	205	0.9
5 - 9 yrs.	134	82	216	0.6	126	96	222	1.0
10 - 14 yrs.	123	96	219	0.6	126	79	205	0.9
15 - 19 yrs.	266	135	401	1.1	217	81	298	1.3
20 - 24 yrs.	396	147	543	1.6	316	91	407	1.8
25 - 29 yrs.	443	189	632	1.8	340	106	446	2.0
30 - 34 yrs.	474	229	703	2.0	345	154	499	2.2
35 - 39 yrs.	650	286	936	2.7	495	186	681	3.1
40 - 44 yrs.	839	390	1,229	3.5	586	283	869	3.9
45 - 49 yrs.	1,087	569	1,656	4.7	751	402	1,153	5.2
50 - 54 yrs.	1,374	713	2,087	6.0	967	434	1,401	6.3
55 - 59 yrs.	1,646	805	2,451	7.0	1,152	605	1,757	7.9
60 - 64 yrs.	1,890	1,069	2,959	8.5	1,467	715	2,182	9.8
65 - 69 yrs.	2,135	1,254	3,389	9.7	1,516	866	2,382	10.7
70 yrs. & Over	7,261	8,821	16,082	46.0	4,203	4,749	8,952	40.3
Not Stated	2	2	4	0.0	1	1	2	0.0

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2019

Age Group	Region 3 Central Luzon				Region 4A CALABARZON			
	Male		Female		Both Sexes		Male	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	41,325	30,936	72,261	100.0	47,504	36,121	83,625	100.0
Under 1 year	1,487	1,055	2,542	3.5	1,775	1,307	3,082	3.7
1 - 4 yrs.	454	384	838	1.2	604	473	1,077	1.3
5 - 9 yrs.	321	232	553	0.8	390	302	692	0.8
10 - 14 yrs.	265	214	479	0.7	357	259	616	0.7
15 - 19 yrs.	575	246	821	1.1	659	390	1,049	1.3
20 - 24 yrs.	906	353	1,259	1.7	1,007	433	1,440	1.7
25 - 29 yrs.	1,036	470	1,506	2.1	1,223	516	1,739	2.1
30 - 34 yrs.	1,183	504	1,687	2.3	1,373	623	1,996	2.4
35 - 39 yrs.	1,468	738	2,206	3.1	1,777	908	2,685	3.2
40 - 44 yrs.	1,809	957	2,766	3.8	2,226	1,182	3,408	4.1
45 - 49 yrs.	2,360	1,237	3,597	5.0	2,895	1,523	4,418	5.3
50 - 54 yrs.	3,166	1,787	4,953	6.9	3,746	2,064	5,810	6.9
55 - 59 yrs.	3,868	2,086	5,954	8.2	4,532	2,472	7,004	8.4
60 - 64 yrs.	4,633	2,531	7,164	9.9	5,554	3,032	8,586	10.3
65 - 69 yrs.	4,771	2,904	7,675	10.6	5,494	3,421	8,915	10.7
70 yrs. & Over	13,008	15,235	28,243	39.1	13,866	17,213	31,079	37.2
Not Stated	15	3	18	0.0	26	3	29	0.0

Age Group	Region 4B MIMAROPA				Region 5 Bicol Region			
	Male		Female		Both Sexes		Male	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	9,638	6,813	16,451	100.0	21,465	16,141	37,606	100.0
Under 1 year	381	297	678	4.1	753	564	1,317	3.5
1 - 4 yrs.	135	113	248	1.5	375	296	671	1.8
5 - 9 yrs.	93	75	168	1.0	220	176	396	1.1
10 - 14 yrs.	72	54	126	0.8	223	147	370	1.0
15 - 19 yrs.	164	98	262	1.6	355	226	581	1.5
20 - 24 yrs.	213	124	337	2.0	476	269	745	2.0
25 - 29 yrs.	286	117	403	2.4	567	287	854	2.3
30 - 34 yrs.	270	105	375	2.3	602	314	916	2.4
35 - 39 yrs.	332	187	519	3.2	658	383	1,041	2.8
40 - 44 yrs.	474	197	671	4.1	872	480	1,352	3.6
45 - 49 yrs.	541	279	820	5.0	1,179	632	1,811	4.8
50 - 54 yrs.	666	322	988	6.0	1,565	759	2,324	6.2
55 - 59 yrs.	818	383	1,201	7.3	1,856	934	2,790	7.4
60 - 64 yrs.	977	509	1,486	9.0	2,323	1,215	3,538	9.4
65 - 69 yrs.	1,059	583	1,642	10.0	2,229	1,356	3,585	9.5
70 yrs. & Over	3,156	3,370	6,526	39.7	7,207	8,101	15,308	40.7
Not Stated	1	-	1	0.0	5	2	7	0.0

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2019

Age Group	Region 6				Region 7			
	Western Visayas				Central Visayas			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	30,641	23,068	53,709	100.0	28,671	21,980	50,651	100.0
Under 1 year	705	546	1,251	2.3	924	720	1,644	3.2
1 - 4 yrs.	258	278	536	1.0	338	261	599	1.2
5 - 9 yrs.	216	208	424	0.8	221	179	400	0.8
10 - 14 yrs.	251	160	411	0.8	205	157	362	0.7
15 - 19 yrs.	394	211	605	1.1	413	195	608	1.2
20 - 24 yrs.	557	249	806	1.5	547	286	833	1.6
25 - 29 yrs.	770	289	1,059	2.0	741	337	1,078	2.1
30 - 34 yrs.	887	364	1,251	2.3	793	378	1,171	2.3
35 - 39 yrs.	1,115	468	1,583	2.9	990	493	1,483	2.9
40 - 44 yrs.	1,325	578	1,903	3.5	1,228	627	1,855	3.7
45 - 49 yrs.	1,698	867	2,565	4.8	1,649	828	2,477	4.9
50 - 54 yrs.	2,279	1,079	3,358	6.3	2,033	1,086	3,119	6.2
55 - 59 yrs.	2,602	1,329	3,931	7.3	2,392	1,404	3,796	7.5
60 - 64 yrs.	3,197	1,668	4,865	9.1	2,898	1,624	4,522	8.9
65 - 69 yrs.	3,432	1,955	5,387	10.0	3,095	2,028	5,123	10.1
70 yrs. & Over	10,951	12,818	23,769	44.3	10,201	11,373	21,574	42.6
Not Stated	4	1	5	0.0	3	4	7	0.0

Age Group	Region 8				Region 9			
	Eastern Visayas				Zamboanga Peninsula			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	14,350	11,397	25,747	100.0	11,089	8,198	19,287	100.0
Under 1 year	339	232	571	2.2	325	201	526	2.7
1 - 4 yrs.	156	116	272	1.1	118	115	233	1.2
5 - 9 yrs.	125	104	229	0.9	116	101	217	1.1
10 - 14 yrs.	132	80	212	0.8	104	74	178	0.9
15 - 19 yrs.	217	123	340	1.3	168	99	267	1.4
20 - 24 yrs.	297	153	450	1.7	214	117	331	1.7
25 - 29 yrs.	354	203	557	2.2	257	123	380	2.0
30 - 34 yrs.	368	188	556	2.2	298	153	451	2.3
35 - 39 yrs.	454	229	683	2.7	340	188	528	2.7
40 - 44 yrs.	508	308	816	3.2	509	267	776	4.0
45 - 49 yrs.	700	422	1,122	4.4	654	328	982	5.1
50 - 54 yrs.	924	537	1,461	5.7	824	446	1,270	6.6
55 - 59 yrs.	1,094	666	1,760	6.8	974	533	1,507	7.8
60 - 64 yrs.	1,372	852	2,224	8.6	1,227	683	1,910	9.9
65 - 69 yrs.	1,618	1,025	2,643	10.3	1,264	823	2,087	10.8
70 yrs. & Over	5,691	6,159	11,850	46.0	3,695	3,946	7,641	39.6
Not Stated	1	-	1	0.0	2	1	3	0.0

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2019

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	16,017	11,784	27,801	100.0	20,288	14,310	34,598	100.0
Under 1 year	545	384	929	3.3	684	509	1,193	3.4
1 - 4 yrs.	191	186	377	1.4	280	218	498	1.4
5 - 9 yrs.	148	151	299	1.1	184	155	339	1.0
10 - 14 yrs.	131	109	240	0.9	182	138	320	0.9
15 - 19 yrs.	281	129	410	1.5	351	188	539	1.6
20 - 24 yrs.	424	143	567	2.0	525	212	737	2.1
25 - 29 yrs.	459	185	644	2.3	609	276	885	2.6
30 - 34 yrs.	544	211	755	2.7	700	359	1,059	3.1
35 - 39 yrs.	577	290	867	3.1	766	382	1,148	3.3
40 - 44 yrs.	724	383	1,107	4.0	941	516	1,457	4.2
45 - 49 yrs.	925	517	1,442	5.2	1,219	691	1,910	5.5
50 - 54 yrs.	1,157	664	1,821	6.6	1,580	912	2,492	7.2
55 - 59 yrs.	1,412	872	2,284	8.2	1,825	1,032	2,857	8.3
60 - 64 yrs.	1,729	1,036	2,765	9.9	2,108	1,262	3,370	9.7
65 - 69 yrs.	1,811	1,141	2,952	10.6	2,193	1,435	3,628	10.5
70 yrs. & Over	4,959	5,383	10,342	37.2	6,140	6,024	12,164	35.2
Not Stated	-	-	-	0.0	1	1	2	0.0

Age Group	Region 12 SOCCSKSARGEN				Bangsamoro Autonomous Region in Muslim Mindanao (B.A.R.M.M.)			
	Male	Female	Both Sexes		Male	Female	Both Sexes	
	Number	Number	Number	Percent	Number	Number	Number	Percent
All Ages	13,786	8,976	22,762	100.0	1,400	1,080	2,480	100.0
Under 1 year	349	252	601	2.6	62	50	112	4.5
1 - 4 yrs.	143	118	261	1.1	24	22	46	1.9
5 - 9 yrs.	118	78	196	0.9	13	10	23	0.9
10 - 14 yrs.	107	70	177	0.8	12	5	17	0.7
15 - 19 yrs.	246	120	366	1.6	18	13	31	1.3
20 - 24 yrs.	331	155	486	2.1	26	10	36	1.5
25 - 29 yrs.	401	138	539	2.4	41	13	54	2.2
30 - 34 yrs.	470	179	649	2.9	48	30	78	3.1
35 - 39 yrs.	541	236	777	3.4	45	44	89	3.6
40 - 44 yrs.	712	348	1,060	4.7	78	57	135	5.4
45 - 49 yrs.	959	422	1,381	6.1	102	62	164	6.6
50 - 54 yrs.	1,118	475	1,593	7.0	104	70	174	7.0
55 - 59 yrs.	1,159	583	1,742	7.7	114	78	192	7.7
60 - 64 yrs.	1,495	774	2,269	10.0	145	94	239	9.6
65 - 69 yrs.	1,521	929	2,450	10.8	145	112	257	10.4
70 yrs. & Over	4,116	4,099	8,215	36.1	423	410	833	33.6
Not Stated	-	-	-	0.0	-	-	-	0.0

Table 21

MORTALITY: ALL CAUSES BY AGE, SEX & REGION
Number & Percent Distribution
Philippines, 2019

Age Group	Caraga Region			
	Male	Female	Both Sexes	
	Number	Number	Number	Percent
All Ages	8,614	6,345	14,959	100.0
Under 1 year	224	137	361	2.4
1 - 4 yrs.	125	84	209	1.4
5 - 9 yrs.	65	59	124	0.8
10 - 14 yrs.	87	46	133	0.9
15 - 19 yrs.	160	68	228	1.5
20 - 24 yrs.	198	97	295	2.0
25 - 29 yrs.	243	110	353	2.4
30 - 34 yrs.	272	127	399	2.7
35 - 39 yrs.	287	136	423	2.8
40 - 44 yrs.	371	194	565	3.8
45 - 49 yrs.	452	250	702	4.7
50 - 54 yrs.	620	318	938	6.3
55 - 59 yrs.	777	430	1,207	8.1
60 - 64 yrs.	849	480	1,329	8.9
65 - 69 yrs.	965	621	1,586	10.6
70 yrs. & Over	2,917	3,188	6,105	40.8
Not Stated	2	-	2	0.0

Table 22

MORTALITY: TEN (10) LEADING CAUSES BY SEX
Number, Rate/100,000 Population & Percent Distribution
Philippines, 2019

CAUSE OF DEATH	Male	Female	Both Sexes		
	Number	Number	Number	Rate	Percent*
1. Ischaemic heart diseases (I20-I25)	58,233	39,242	97,475	90.9	15.7
2. Malignant neoplasms (C00-C97)	30,729	34,086	64,815	60.4	10.4
3. Cerebrovascular diseases (I60-I69)	36,199	27,349	63,548	59.2	10.2
4. Pneumonia (J12-J18)	31,440	31,279	62,719	58.5	10.1
5. Diabetes Mellitus (E10-E14)	17,060	17,510	34,570	32.2	5.6
6. Hypertensive diseases (I10-I13)	14,997	12,767	27,764	25.9	4.5
7. Chronic lower respiratory infections (J40-J47)	18,937	7,639	26,576	24.8	4.3
8. Respiratory tuberculosis (A15-A16)	15,775	6,793	22,568	21.0	3.6
9. Other heart diseases (I26-I51)	10,837	9,579	20,416	19.0	3.3
10. Remainder of diseases of the genitourinary system (N17-N98)	10,115	7,100	17,215	16.0	2.8

* percent share from total deaths, all causes, Philippines (N=620,414)

Table 23

MORTALITY: TEN (10) LEADING CAUSES
Number and Rate/100,000 Population
Philippines
5- Year Average (2014-2018) & 2019

C A U S E O F D E A T H	5-Year Average (2014-2018)		2019*	
	Number	Rate	Number	Rate
1. Ischaemic heart diseases (I20-I25)	75,820	73.4	97,475	90.9
2. Malignant neoplasms (C00-C97)	59,545	57.7	64,815	60.4
3. Cerebrovascular diseases (I60-I69)	57,653	55.9	63,548	59.2
4. Pneumonia (J12-J18)	54,778	53.1	62,719	58.5
5. Diabetes Mellitus (E10-E14)	32,207	31.3	34,570	32.2
6. Hypertensive diseases (I10-I13)	31,041	30.2	27,764	25.9
7. Chronic lower respiratory infections (J40-J47)	24,369	23.7	26,576	24.8
8. Respiratory tuberculosis (A15-A16)	23,266	22.6	22,568	21.0
9. Other heart diseases (I26-I51)	27,154	26.5	20,416	19.0
10. Remainder of diseases of the genitourinary system (N17-N98)	17,271	16.8	17,215	16.0

* reference year

MORTALITY: TEN (10) LEADING CAUSES
 Percent Distribution
 Philippines, 2019

Leading Causes

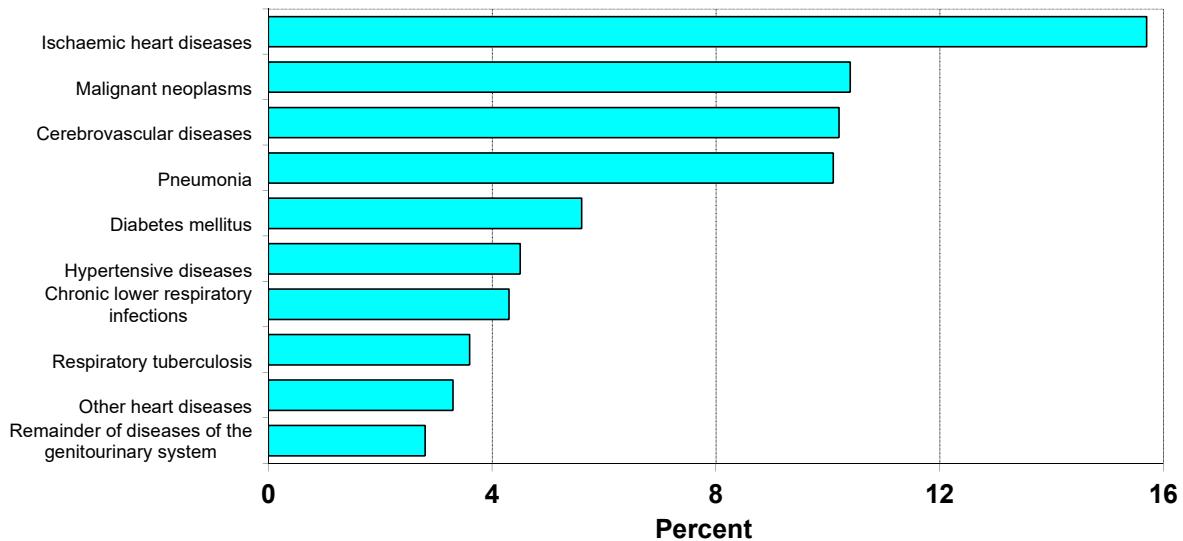


Figure 16

LEADING CAUSES OF MORTALITY BY SEX
 Percent Distribution
 Philippines, 2019

Leading Causes

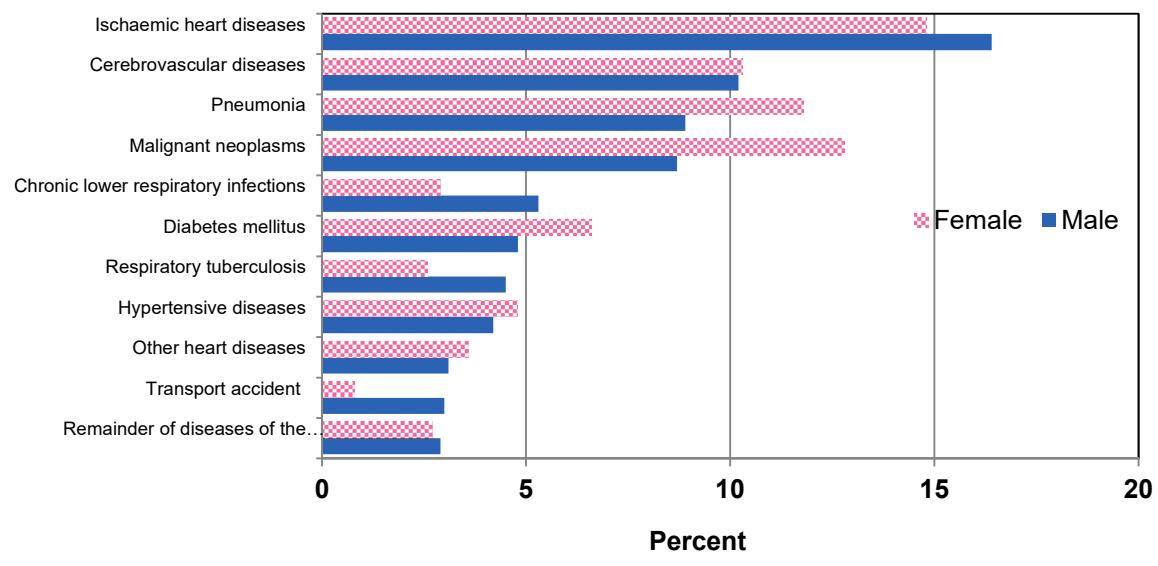


Figure 17

Table 24

TEN (10) LEADING CAUSES OF MORTALITY AMONG MALES
Number, Percent & Rate /100,000 Male Population
Philippines, 2019

Cause	Number	Percent*	Rate
1. Ischaemic heart diseases	58,233	16.4	107.4
2. Cerebrovascular diseases	36,199	10.2	66.8
3. Pneumonia	31,440	8.9	58.0
4. Malignant neoplasms	30,729	8.7	56.7
5. Chronic lower respiratory infections	18,937	5.3	34.9
6. Diabetes mellitus	17,060	4.8	31.5
7. Respiratory tuberculosis	15,775	4.5	29.1
8. Hypertensive diseases	14,997	4.2	27.7
9. Other heart diseases	10,837	3.1	20.0
10. Transport accident	10,561	3.0	19.5

* percent share from total male deaths, all causes, Philippines (N=354,486)

Table 25

TEN (10) LEADING CAUSES OF MORTALITY AMONG FEMALES
Number, Percent & Rate /100,000 Female Population
Philippines, 2019

Cause	Number	Percent*	Rate
1. Ischaemic heart diseases	39,242	14.8	73.9
2. Malignant neoplasms	34,086	12.8	64.2
3. Pneumonia	31,279	11.8	58.9
4. Cerebrovascular diseases	27,349	10.3	51.5
5. Diabetes Mellitus	17,510	6.6	33.0
6. Hypertensive diseases	12,767	4.8	24.0
7. Other heart diseases	9,579	3.6	18.0
8. Chronic lower respiratory infections	7,639	2.9	14.4
9. Remainder of diseases of the genitourinary system	7,100	2.7	13.4
10. Respiratory tuberculosis	6,793	2.6	12.8

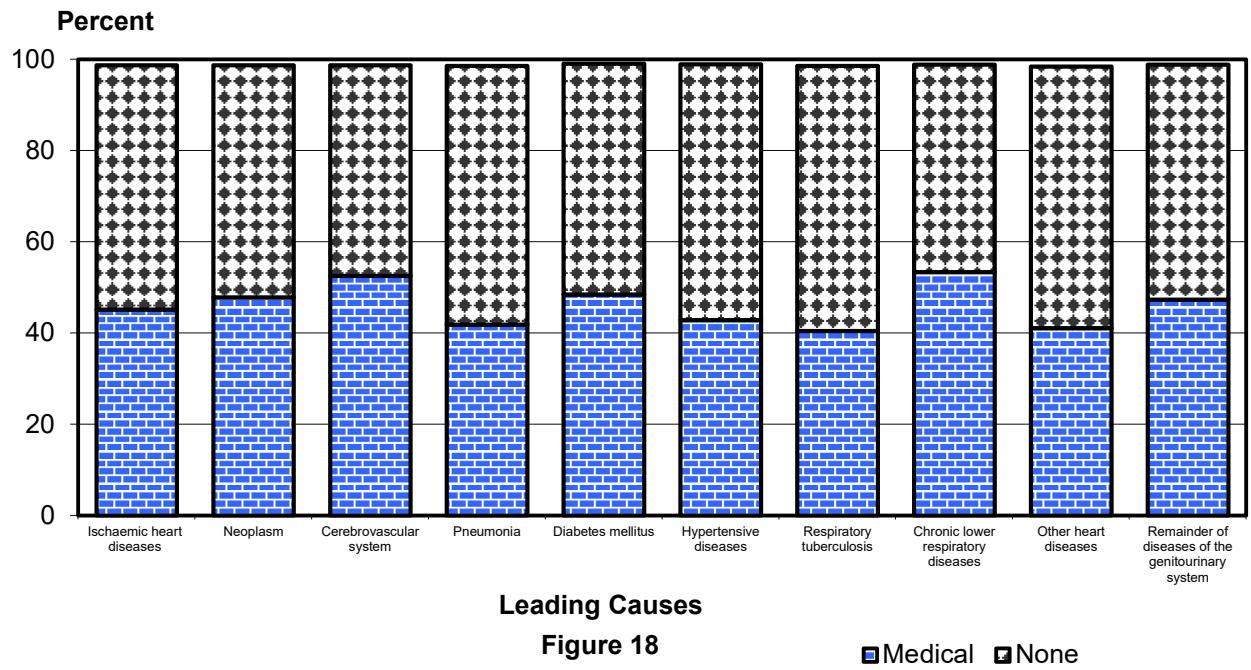
* percent share from total female deaths, all causes, Philippines (N=265,928)

Table 26

MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE
Number & Percent Distribution
Philippines, 2019

Cause	Total Deaths	Attendant at Death							
		Medical		None		Other		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1. Ischaemic heart diseases (I20-I25)	97,475	51,353	52.7	31,586	32.4	3,425	3.5	11,111	11.4
2. Malignant neoplasms (C00-C97)	64,815	34,978	54.0	20,467	31.6	2,206	3.4	7,164	11.1
3. Cerebrovascular diseases (I60-I69)	63,548	37,340	58.8	17,923	28.2	1,770	2.8	6,515	10.3
4. Pneumonia (J12-J18)	62,719	31,295	49.9	22,926	36.6	1,992	3.2	6,506	10.4
5. Diabetes Mellitus (E10-E14)	34,570	19,537	56.5	10,287	29.8	1,146	3.3	3,600	10.4
6. Hypertensive diseases (I10-I13)	27,764	14,799	53.3	9,170	33.0	826	3.0	2,969	10.7
7. Chronic lower respiratory infections (J40-J47)	26,576	12,928	48.6	9,664	36.4	890	3.3	3,094	11.6
8. Respiratory tuberculosis (A15-A16)	22,568	13,437	59.5	6,439	28.5	679	3.0	2,013	8.9
9. Other heart diseases (I26-I51)	20,416	10,943	53.6	6,000	29.4	698	3.4	2,775	13.6
10. Remainder of diseases of the genitourinary system (N17-N98)	17,215	9,633	56.0	5,231	30.4	521	3.0	1,830	10.6

MORTALITY: TEN (10) LEADING CAUSES BY ATTENDANCE
 Percent Distribution
 Philippines, 2019



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

Rate / 100,000 Population
 Philippines, 1969-2019

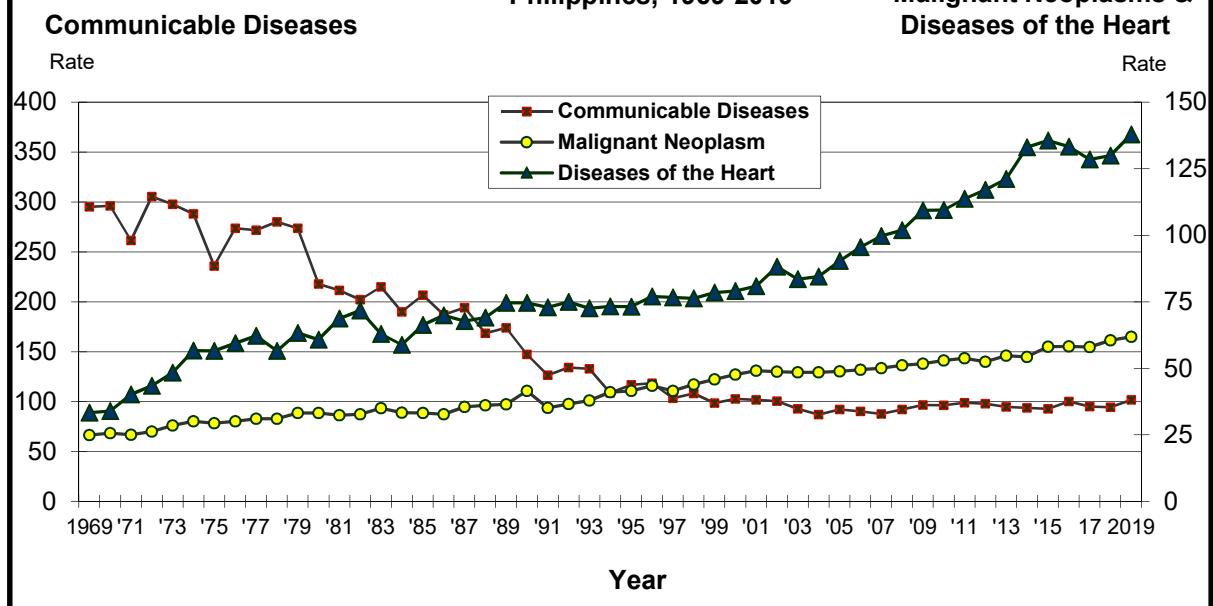


Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2019

Area	Total	Attendant at Death							
		Medical		None		Other		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
PHILIPPINES	620,414	343,649	55.4	189,033	30.5	21,131	3.4	66,601	10.7
NATIONAL CAPITAL REGION	91,867	65,749	71.6	15,200	16.5	4,026	4.4	6,892	7.5
City of Manila	20,225	14,913	73.7	3,337	16.5	389	1.9	1,586	7.8
City of Mandaluyong	1,957	1,460	74.6	222	11.3	23	1.2	252	12.9
City of Marikina	4,624	3,406	73.7	1,173	25.4	4	0.1	41	0.9
City of Pasig	5,626	3,999	71.1	2	0.0	1,625	28.9	-	0.0
Quezon City	23,782	16,785	70.6	4,625	19.4	717	3.0	1,655	7.0
City of San Juan	1,038	949	91.4	15	1.4	19	1.8	55	5.3
Kalookan City	7,735	5,096	65.9	2,360	30.5	2	0.0	277	3.6
City of Malabon	1,413	809	57.3	598	42.3	5	0.4	1	0.1
City of Navotas	1,188	538	45.3	641	54.0	2	0.2	7	0.6
City of Valenzuela	3,456	3,088	89.4	85	2.5	52	1.5	231	6.7
City of Las Piñas	4,609	3,710	80.5	253	5.5	8	0.2	638	13.8
City of Makati	3,182	2,336	73.4	4	0.1	836	26.3	6	0.2
City of Muntinlupa	3,834	2,767	72.2	181	4.7	1	0.0	885	23.1
City of Parañaque	2,930	1,151	39.3	1,197	40.9	2	0.1	580	19.8
Pasay City	2,497	1,416	56.7	406	16.3	2	0.1	673	27.0
Pateros	307	165	53.7	84	27.4	58	18.9	-	0.0
City of Taguig	3,464	3,161	91.3	17	0.5	281	8.1	5	0.1
CAR	9,381	4,316	46.0	2,562	27.3	1,695	18.1	808	8.6
Abra	1,582	553	35.0	624	39.4	46	2.9	359	22.7
Apayao	686	314	45.8	190	27.7	76	11.1	106	15.5
Benguet	1,687	437	25.9	604	35.8	625	37.0	21	1.2
Ifugao	732	251	34.3	232	31.7	106	14.5	143	19.5
Kalinga	871	176	20.2	126	14.5	492	56.5	77	8.8
Mt. Province	895	277	30.9	261	29.2	278	31.1	79	8.8
Baguio City	2,928	2,308	78.8	525	17.9	72	2.5	23	0.8
REGION I - ILOCOS	34,989	18,200	52.0	15,426	44.1	608	1.7	755	2.2
Ilocos Norte	2,180	560	25.7	1,526	70.0	94	4.3	-	0.0
Ilocos Sur	3,414	966	28.3	2,228	65.3	217	6.4	3	0.1
La Union	3,220	1,613	50.1	1,333	41.4	7	0.2	267	8.3
Pangasinan	11,545	4,573	39.6	6,719	58.2	252	2.2	1	0.0
City of Batac	1,620	1,401	86.5	216	13.3	3	0.2	-	0.0
Laoag City	1,036	605	58.4	410	39.6	21	2.0	-	0.0
City of Candon	577	269	46.6	302	52.3	6	1.0	-	0.0
City of Vigan	701	503	71.8	197	28.1	1	0.1	-	0.0
City of San Fernando	2,841	2,341	82.4	15	0.5	2	0.1	483	17.0
City of Alaminos	666	264	39.6	400	60.1	2	0.3	-	0.0
Dagupan City	3,973	3,345	84.2	626	15.8	2	0.1	-	0.0
San Carlos City	2,175	1,339	61.6	835	38.4	-	0.0	1	0.0
City of Urdaneta	1,041	421	40.4	619	59.5	1	0.1	-	0.0

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2019

Area	Total	Attendant at Death							
		Medical		None		Other		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
REGION II - CAGAYAN VALLEY	22,240	13,286	59.7	5,073	22.8	488	2.2	3,393	15.3
Batanes	139	105	75.5	12	8.6	21	15.1	1	0.7
Cagayan	4,925	2,765	56.1	1,978	40.2	182	3.7	-	0.0
Isabela	5,906	2,855	48.3	1,337	22.6	6	0.1	1,708	28.9
Nueva Vizcaya	2,758	1,411	51.2	1,344	48.7	2	0.1	1	0.0
Quirino	935	398	42.6	182	19.5	1	0.1	354	37.9
Tuguegarao City	3,771	3,511	93.1	217	5.8	43	1.1	-	0.0
City of Cauayan	1,173	967	82.4	1	0.1	1	0.1	204	17.4
Ilagan City	906	458	50.6	1	0.1	231	25.5	216	23.8
City of Santiago	1,727	816	47.2	1	0.1	1	0.1	909	52.6
REGION III - CENTRAL LUZON	72,261	41,296	57.1	14,536	20.1	775	1.1	15,654	21.7
Aurora	1,145	342	29.9	798	69.7	5	0.4	-	0.0
Bataan	2,617	508	19.4	2,105	80.4	-	0.0	4	0.2
Bulacan	11,837	6,985	59.0	2,267	19.2	139	1.2	2,446	20.7
Nueva Ecija	7,157	1,489	20.8	1,931	27.0	129	1.8	3,608	50.4
Pampanga	7,384	2,641	35.8	2,310	31.3	270	3.7	2,163	29.3
Tarlac	5,643	4,545	80.5	986	17.5	9	0.2	103	1.8
Zambales	3,711	2,081	56.1	1,358	36.6	11	0.3	261	7.0
City of Balanga	2,445	2,125	86.9	309	12.6	-	0.0	11	0.4
City of Malolos	4,146	3,291	79.4	32	0.8	2	0.0	821	19.8
City of Meycauayan	1,006	642	63.8	56	5.6	16	1.6	292	29.0
City of San Jose Del Monte	2,542	1,800	70.8	504	19.8	25	1.0	213	8.4
Cabanatuan City	4,893	3,437	70.2	1,090	22.3	149	3.0	217	4.4
City of Gapan	722	44	6.1	345	47.8	11	1.5	322	44.6
Science City of Muñoz	421	20	4.8	-	0.0	-	0.0	401	95.2
Palayan City	173	69	39.9	-	0.0	-	0.0	104	60.1
San Jose City	955	210	22.0	50	5.2	-	0.0	695	72.8
Angeles City	2,646	1,038	39.2	7	0.3	5	0.2	1,596	60.3
Mabalacat City	1,270	417	32.8	4	0.3	1	0.1	848	66.8
City of San Fernando	5,016	3,895	77.7	9	0.2	-	0.0	1,112	22.2
City of Tarlac	4,227	3,927	92.9	287	6.8	1	0.0	12	0.3
Olongapo City	2,305	1,790	77.7	88	3.8	2	0.1	425	18.4
REGION IVA - CALABARZON	83,625	52,148	62.4	24,082	28.8	5,749	6.9	1,646	2.0
Batangas	10,081	5,654	56.1	2,615	25.9	1,812	18.0	-	0.0
Cavite	6,797	2,792	41.1	3,811	56.1	194	2.9	-	0.0
Laguna	6,553	6,297	96.1	121	1.8	114	1.7	21	0.3
Quezon	8,769	2,820	32.2	4,279	48.8	275	3.1	1,395	15.9
Rizal	10,049	3,699	36.8	6,226	62.0	124	1.2	-	0.0
Batangas City	4,978	3,867	77.7	109	2.2	1,000	20.1	2	0.0
Lipa City	2,349	1,389	59.1	79	3.4	881	37.5	-	0.0
City of Tanauan	1,206	538	44.6	287	23.8	381	31.6	-	0.0
Bacoor City	2,106	1,700	80.7	348	16.5	58	2.8	-	0.0
Cavite City	761	447	58.7	314	41.3	-	0.0	-	0.0

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2019

Area	Total	Attendant at Death							
		Medical		None		Other		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
City of Dasmariñas	4,067	2,205	54.2	1,838	45.2	24	0.6	-	0.0
City of General Trias	1,697	614	36.2	873	51.4	210	12.4	-	0.0
Imus City	1,803	1,163	64.5	628	34.8	12	0.7	-	0.0
Tagaytay City	572	539	94.2	15	2.6	18	3.1	-	0.0
Trece Martires City	1,568	1,492	95.2	26	1.7	50	3.2	-	0.0
City of Biñan	1,825	1,758	96.3	4	0.2	62	3.4	1	0.1
Cabuyao City	1,261	1,169	92.7	1	0.1	90	7.1	1	0.1
City of Calamba	2,516	2,304	91.6	5	0.2	201	8.0	6	0.2
San Pablo City	2,283	2,237	98.0	3	0.1	41	1.8	2	0.1
City of San Pedro	1,314	1,240	94.4	24	1.8	49	3.7	1	0.1
City of Santa Rosa	1,865	1,694	90.8	92	4.9	79	4.2	-	0.0
City of Tayabas	573	209	36.5	357	62.3	5	0.9	2	0.3
Lucena City	4,549	4,330	95.2	3	0.1	1	0.0	215	4.7
City of Antipolo	4,083	1,991	48.8	2,024	49.6	68	1.7	-	0.0
REGION IVB - MIMAROPA	16,451	7,367	44.8	7,376	44.8	235	1.4	1,473	9.0
Marinduque	1,394	400	28.7	772	55.4	4	0.3	218	15.6
Occidental Mindoro	2,531	1,179	46.6	1,281	50.6	20	0.8	51	2.0
Oriental Mindoro	3,136	970	30.9	1,234	39.3	165	5.3	767	24.5
Palawan	3,191	947	29.7	2,096	65.7	25	0.8	123	3.9
Romblon	2,070	1,012	48.9	1,053	50.9	5	0.2	-	0.0
Calapan City	2,147	1,763	82.1	115	5.4	1	0.0	268	12.5
Puerto Princesa City	1,982	1,096	55.3	825	41.6	15	0.8	46	2.3
REGION V - BICOL	37,606	18,614	49.5	16,078	42.8	52	0.1	2,862	7.6
Albay	5,632	2,721	48.3	1,512	26.8	3	0.1	1,396	24.8
Camarines Norte	3,742	1,714	45.8	1,681	44.9	5	0.1	342	9.1
Camarines Sur	7,349	1,574	21.4	5,759	78.4	10	0.1	6	0.1
Catanduanes	1,771	854	48.2	848	47.9	19	1.1	50	2.8
Masbate	3,185	1,036	32.5	1,294	40.6	2	0.1	853	26.8
Sorsogon	2,934	982	33.5	1,947	66.4	5	0.2	-	0.0
Legazpi City	2,290	1,608	70.2	627	27.4	-	0.0	55	2.4
City of Ligao	894	815	91.2	1	0.1	-	0.0	78	8.7
City of Tabaco	912	455	49.9	429	47.0	1	0.1	27	3.0
Iriga City	981	466	47.5	515	52.5	-	0.0	-	0.0
Naga City	4,745	4,126	87.0	618	13.0	1	0.0	-	0.0
City of Masbate	1,368	1,141	83.4	169	12.4	3	0.2	55	4.0
City of Sorsogon	1,803	1,122	62.2	678	37.6	3	0.2	-	0.0
REGION VI - WESTERN VISAYAS	53,709	28,381	52.8	19,444	36.2	3,189	5.9	2,695	5.0
Aklan	4,129	1,897	45.9	1,343	32.5	37	0.9	852	20.6
Antique	3,986	2,042	51.2	1,808	45.4	2	0.1	134	3.4
Capiz	3,100	499	16.1	2,600	83.9	1	0.0	-	0.0
Guimaras	856	410	47.9	411	48.0	2	0.2	33	3.9
Iloilo	10,422	5,134	49.3	3,972	38.1	62	0.6	1,254	12.0
Negros Occidental	4,845	1,014	20.9	2,220	45.8	1,610	33.2	1	0.0

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2019

Area	Total	Attendant at Death							
		Medical		None		Other		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Roxas City	1,934	1,275	65.9	659	34.1	-	0.0	-	0.0
Iloilo City	7,008	5,928	84.6	844	12.0	-	0.0	236	3.4
City of Passi	420	127	30.2	286	68.1	1	0.2	6	1.4
Bacolod City	8,311	6,118	73.6	2,169	26.1	23	0.3	1	0.0
Bago City	851	316	37.1	182	21.4	296	34.8	57	6.7
Cadiz City	989	339	34.3	602	60.9	48	4.9	-	0.0
City of Escalante	756	605	80.0	51	6.7	97	12.8	3	0.4
City of Himamaylan	573	131	22.9	125	21.8	317	55.3	-	0.0
City of Kabankalan	1,198	897	74.9	193	16.1	92	7.7	16	1.3
La Carlota City	411	330	80.3	8	1.9	73	17.8	-	0.0
Sagay City	716	79	11.0	309	43.2	271	37.8	57	8.0
San Carlos City	995	487	48.9	488	49.0	5	0.5	15	1.5
Silay City	1,055	606	57.4	447	42.4	1	0.1	1	0.1
City of Sipalay	329	80	24.3	203	61.7	46	14.0	-	0.0
City of Talisay	426	-	0.0	213	50.0	184	43.2	29	6.8
City of Victorias	399	67	16.8	311	77.9	21	5.3	-	0.0
REGION VII - CENTRAL VISAYAS	50,651	22,436	44.3	14,596	28.8	1,697	3.4	11,922	23.5
Bohol	6,677	1,461	21.9	2,842	42.6	286	4.3	2,088	31.3
Cebu	10,328	2,136	20.7	4,258	41.2	239	2.3	3,695	35.8
Negros Oriental	3,844	218	5.7	2,049	53.3	87	2.3	1,490	38.8
Siquijor	772	446	57.8	323	41.8	1	0.1	2	0.3
Tagbilaran City	2,698	2,280	84.5	39	1.4	-	0.0	379	14.0
City of Bogo	642	293	45.6	1	0.2	3	0.5	345	53.7
City of Carcar	885	381	43.1	8	0.9	-	0.0	496	56.0
Cebu City	12,268	9,764	79.6	2,021	16.5	369	3.0	114	0.9
Danao City	864	276	31.9	71	8.2	138	16.0	379	43.9
Lapu-Lapu City	1,685	1,143	67.8	399	23.7	108	6.4	35	2.1
Mandaue City	1,737	670	38.6	491	28.3	185	10.7	391	22.5
City of Naga	620	143	23.1	190	30.6	15	2.4	272	43.9
City of Talisay	1,317	481	36.5	709	53.8	113	8.6	14	1.1
Toledo City	833	726	87.2	43	5.2	3	0.4	61	7.3
Bais City	440	80	18.2	85	19.3	25	5.7	250	56.8
City of Bayawan	627	164	26.2	445	71.0	2	0.3	16	2.6
Canlaon City	236	229	97.0	3	1.3	2	0.8	2	0.8
Dumaguete City	3,236	1,310	40.5	186	5.7	91	2.8	1,649	51.0
City of Guihulngan	529	122	23.1	380	71.8	2	0.4	25	4.7
City of Tanjay	413	113	27.4	53	12.8	28	6.8	219	53.0
REGION VIII - EASTERN VISAYAS	25,747	10,514	40.8	11,680	45.4	500	1.9	3,053	11.9
Biliran	1,054	521	49.4	527	50.0	6	0.6	-	0.0
Eastern Samar	1,595	258	16.2	1,337	83.8	-	0.0	-	0.0
Leyte	6,790	1,627	24.0	4,397	64.8	278	4.1	488	7.2
Northern Samar	3,160	1,465	46.4	1,010	32.0	44	1.4	641	20.3
Samar	1,598	93	5.8	477	29.8	6	0.4	1,022	64.0
Southern Leyte	1,896	476	25.1	1,398	73.7	2	0.1	20	1.1

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2019

Area	Total	Attendant at Death							
		Medical		None		Other		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
City of Borongan	495	291	58.8	204	41.2	-	0.0	-	0.0
City of Baybay	662	229	34.6	262	39.6	8	1.2	163	24.6
Ormoc City	1,683	943	56.0	620	36.8	98	5.8	22	1.3
Tacloban City	4,213	3,569	84.7	510	12.1	46	1.1	88	2.1
Calbayog City	1,152	372	32.3	590	51.2	10	0.9	180	15.6
City of Catbalogan	628	194	30.9	4	0.6	2	0.3	428	68.2
City of Maasin	821	476	58.0	344	41.9	-	0.0	1	0.1
REGION IX - ZAMBOANGA PENINSULA	19,287	9,801	50.8	6,632	34.4	105	0.5	2,749	14.3
Zamboanga Del Norte	2,997	499	16.6	2,365	78.9	28	0.9	105	3.5
Zamboanga Del Sur	3,177	768	24.2	1,551	48.8	4	0.1	854	26.9
Zamboanga Sibugay	2,547	909	35.7	886	34.8	67	2.6	685	26.9
Dapitan City	645	293	45.4	352	54.6	-	0.0	-	0.0
Dipolog City	1,830	1,515	82.8	314	17.2	-	0.0	1	0.1
City of Isabela	346	189	54.6	1	0.3	-	0.0	156	45.1
Pagadian City	1,658	1,002	60.4	37	2.2	4	0.2	615	37.1
Zamboanga City	6,087	4,626	76.0	1,126	18.5	2	0.0	333	5.5
REGION X - NORTHERN MINDANAO	27,801	15,825	56.9	9,514	34.2	345	1.2	2,117	7.6
Bukidnon	4,262	1,569	36.8	2,263	53.1	172	4.0	258	6.1
Camiguin	590	378	64.1	11	1.9	67	11.4	134	22.7
Lanao del Norte	2,044	607	29.7	1,158	56.7	41	2.0	238	11.6
Misamis Occidental	1,625	674	41.5	610	37.5	3	0.2	338	20.8
Misamis Oriental	2,848	652	22.9	2,161	75.9	35	1.2	-	0.0
City of Malaybalay	1,632	1,620	99.3	6	0.4	4	0.2	2	0.1
City of Valencia	1058	399	37.7	648	61.2	10	0.9	1	0.1
Iligan City	2,424	1,441	59.4	232	9.6	-	0.0	751	31.0
Oroquieta City	871	671	77.0	77	8.8	-	0.0	123	14.1
Ozamis City	2,323	1,851	79.7	223	9.6	8	0.3	241	10.4
Tangub City	303	257	84.8	15	5.0	-	0.0	31	10.2
Cagayan de Oro City	6,877	5,313	77.3	1,564	22.7	-	0.0	-	0.0
El Salvador City	194	3	1.5	191	98.5	-	0.0	-	0.0
Gingoog City	750	390	52.0	355	47.3	5	0.7	-	0.0
REGION XI - DAVAO	34,598	16,330	47.2	11,076	32.0	150	0.4	7,042	20.4
Compostela Valley	2,963	466	15.7	2,461	83.1	5	0.2	31	1.0
Davao	1,884	353	18.7	1,518	80.6	3	0.2	10	0.5
Davao Del Sur	2,409	608	25.2	1,579	65.5	8	0.3	214	8.9
Davao Occidental	1,154	115	10.0	630	54.6	75	6.5	334	28.9
Davao Oriental	1,987	198	10.0	1,546	77.8	11	0.6	232	11.7
City of Panabo	899	148	16.5	751	83.5	-	0.0	-	0.0
Island Garden City of Samal	584	99	17.0	485	83.0	-	0.0	-	0.0
City of Tagum	6,435	5,292	82.2	1,139	17.7	2	0.0	2	0.0
Davao City	13,835	8,010	57.9	18	0.1	2	0.0	5,805	42.0
City of Digos	1,425	639	44.8	338	23.7	42	2.9	406	28.5
City of Mati	1,023	402	39.3	611	59.7	2	0.2	8	0.8

Table 27

MORTALITY BY ATTENDANCE, REGION, PROVINCE & CITY
Number & Percent Distribution
Philippines, 2019

Area	Total	Attendant at Death							
		Medical		None		Other		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
REGION XII - SOCCSKSARGEN	22,762	10,721	47.1	11,224	49.3	281	1.2	536	2.4
Cotabato	5,516	2,229	40.4	3,266	59.2	21	0.4	-	0.0
Saranggani	1,775	483	27.2	1,264	71.2	9	0.5	19	1.1
South Cotabato	3,177	1,026	32.3	2,148	67.6	2	0.1	1	0.0
Sultan Kudarat	2,623	718	27.4	1,664	63.4	241	9.2	-	0.0
Cotabato City	501	284	56.7	45	9.0	-	0.0	172	34.3
City of Kidapawan	1,308	1,198	91.6	110	8.4	-	0.0	-	0.0
General Santos City	4,450	2,346	52.7	1,758	39.5	2	0.0	344	7.7
City of Koronadal	2,538	1,987	78.3	550	21.7	1	0.0	-	0.0
City of Tacurong	874	450	51.5	419	47.9	5	0.6	-	0.0
REGION XIII - CARAGA	14,959	7,721	51.6	3,903	26.1	1,100	7.4	2,235	14.9
Agusan del Norte	1,136	541	47.6	332	29.2	4	0.4	259	22.8
Agusan del Sur	2,387	981	41.1	1,008	42.2	6	0.3	392	16.4
Surigao del Norte	1,587	188	11.8	1,339	84.4	9	0.6	51	3.2
Surigao del Sur	2,060	1,163	56.5	340	16.5	32	1.6	525	25.5
Dinagat Islands	570	195	34.2	211	37.0	3	0.5	161	28.2
Butuan City	3,027	2,009	66.4	-	0.0	1,016	33.6	2	0.1
City of Cabadbaran	484	463	95.7	9	1.9	1	0.2	11	2.3
City of Bayugan	405	47	11.6	289	71.4	1	0.2	68	16.8
Surigao City	1,926	1,239	64.3	331	17.2	28	1.5	328	17.0
City of Bislig	612	272	44.4	-	0.0	-	0.0	340	55.6
City of Tandag	765	623	81.4	44	5.8	-	0.0	98	12.8
BARMM	2,480	944	38.1	631	25.4	136	5.5	769	31.0
Basilan	160	50	31.3	32	20.0	-	0.0	78	48.8
Lanao del Sur	427	90	21.1	241	56.4	12	2.8	84	19.7
Maguindanao	760	316	41.6	67	8.8	10	1.3	367	48.3
Sulu	354	173	48.9	107	30.2	13	3.7	61	17.2
Tawi-tawi	348	86	24.7	105	30.2	101	29.0	56	16.1
City of Lamitan	178	45	25.3	24	13.5	-	0.0	109	61.2
Marawi City	253	184	72.7	55	21.7	-	0.0	14	5.5

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2019

ICD-10 Code	Cause of Death	All Ages			
		Male	Female	Both Sexes	Rate
	TOTAL	354,486	265,928	620,414	578.3
A00-B99	1-001 Certain infectious and parasitic diseases	27,560	15,166	42,726	39.8
A00	1-002 Cholera	1	1	2	0.0
A09	1-003 Diarrhea and gastroenteritis of presumed infectious origin	1,861	1,474	3,335	3.1
A01-A08	1-004 Other intestinal infectious diseases	250	182	432	0.4
A15-A16	1-005 Respiratory tuberculosis	15,775	6,793	22,568	21.0
A17-A19	1-006 Other tuberculosis	764	545	1,309	1.2
A20	1-007 Plague	-	-	-	0.0
A33-A35	1-008 Tetanus	412	104	516	0.5
A36	1-009 Diphtheria	14	15	29	0.0
A37	1-010 Whooping cough	6	6	12	0.0
A39	1-011 Meningococcal infection	61	44	105	0.1
A40-A41	1-012 Sepsis	3,175	2,998	6,173	5.8
A50-A64	1-013 Infections with a predominantly sexual mode of transmission	7	3	10	0.0
A80	1-014 Acute poliomyelitis	2	1	3	0.0
A82	1-015 Rabies	212	71	283	0.3
A95	1-016 Yellow fever	-	-	-	0.0
A90-A94, A96-A99	1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	1,317	1,461	2,778	2.6
B05	1-018 Measles	464	337	801	0.7
B15-B19	1-019 Viral hepatitis	730	331	1,061	1.0
B20-B24	1-020 Human immunodeficiency virus [HIV]	789	89	878	0.8
B50-B54	1-021 Malaria	8	6	14	0.0
B55	1-022 Leishmaniasis	-	-	-	0.0
B56-B57	1-023 Trypanosomiasis	-	-	-	0.0
B65	1-024 Schistosomiasis [bilharziasis]	218	150	368	0.3
A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99	1-025 Remainder of certain infectious and parasitic diseases	1,494	555	2,049	1.9
C00-D48	1-026 Neoplasms	32,542	36,115	68,657	64.0
C00-C14	1-027 Malignant neoplasm of lip, oral cavity and pharynx	1,744	929	2,673	2.5
C15	1-028 Malignant neoplasm of oesophagus	463	109	572	0.5
C16	1-029 Malignant neoplasm of stomach	906	670	1,576	1.5
C18-C21	1-030 Malignant neoplasm of colon, rectum and anus	4,278	3,453	7,731	7.2
C22	1-031 Malignant neoplasm of liver and intrahepatic bile ducts	4,390	2,011	6,401	6.0
C25	1-032 Malignant neoplasm of pancreas	929	1,082	2,011	1.9
C32	1-033 Malignant neoplasm of larynx	452	84	536	0.5
C33-C34	1-034 Malignant neoplasm of trachea, bronchus and lung	5,979	3,034	9,013	8.4
C43	1-035 Malignant melanoma of skin	100	83	183	0.2

* Rate for this column was computed based on total population

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

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2019

ICD-10 Code	Cause of Death	All Ages			
		Male	Female	Both Sexes	Rate
C50	1-036 Malignant neoplasm of breast	89	9,348	9,437	8.8
C53	1-037 Malignant neoplasm of cervix uteri	-	2,427	2,427	2.3
C54-C55	1-038 Malignant neoplasm of other and unspecified parts of uterus	-	1,318	1,318	1.2
C56	1-039 Malignant neoplasm of ovary	-	1,977	1,977	1.8
C61	1-040 Malignant neoplasm of prostate	3,200	-	3,200	3.0
C67	1-041 Malignant neoplasm of bladder	273	142	415	0.4
C70-C72	1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	714	659	1,373	1.3
C82-C85	1-043 Non-Hodgkin lymphoma	894	624	1,518	1.4
C90	1-044 Multiple myeloma and malignant plasma cell neoplasms	162	193	355	0.3
C91-C95	1-045 Leukaemia	1,624	1,452	3,076	2.9
C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C66, C68-C69, C73-C81, C88, C96-C97	1-046 Remainder of Malignant Neoplasms	4,532	4,491	9,023	8.4
D00-D48	1-047 Remainder of Neoplasms	1,813	2,029	3,842	3.6
D50-D89	1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	2,148	2,191	4,339	4.0
D50-D64	1-049 Anaemias	1,628	1,716	3,344	3.1
D65-D89	1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	520	475	995	0.9
E00-E88	1-051 Endocrine, nutritional and metabolic diseases	21,640	23,809	45,449	42.4
E10-E14	1-052 Diabetes Mellitus	17,060	17,510	34,570	32.2
E40-E46	1-053 Malnutrition	1,565	2,262	3,827	3.6
E00-E07, E15-E34, E50-E88	1-054 Remainder endocrine, nutritional and metabolic diseases	3,015	4,037	7,052	6.6
F01-F99	1-055 Mental and behavioral disorders	669	417	1,086	1.0
F10-F19	1-056 Mental and behavioral disorder due to psychoactive substance use	342	25	367	0.3
F01-F09, F20-F99	1-057 Remainder of mental and behavioral disorders	327	392	719	0.7
G00-G98	1-058 Diseases of the nervous system	5,776	4,405	10,181	9.5
G00-G03	1-059 Meningitis	674	420	1,094	1.0
G30	1-060 Alzheimer's disease	268	587	855	0.8
G04-G25, G31-G98	1-061 Remainder diseases of the nervous system	4,834	3,398	8,232	7.7

* 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, 2019

ICD-10 Code	Cause of Death	All Ages			
		Male	Female	Both Sexes	Rate
H00-H57	1-062 Diseases of the eye and adnexa	21	24	45	0.0
H60-H93	1-063 Diseases of the ear and mastoid process	48	27	75	0.1
I00-I99	1-064 Diseases of the circulatory system	122,441	91,184	213,625	199.1
I00-I09	1-065 Acute rheumatic fever and chronic rheumatic heart diseases	893	1,379	2,272	2.1
I10-I13	1-066 Hypertensive diseases	14,997	12,767	27,764	25.9
I20-I25	1-067 Ischaemic heart diseases	58,233	39,242	97,475	90.9
I26-I51	1-068 Other heart diseases	10,837	9,579	20,416	19.0
I60-I69	1-069 Cerebrovascular diseases	36,199	27,349	63,548	59.2
I70	1-070 Atherosclerosis	92	154	246	0.2
I15, I71-I99	1-071 Remainder of diseases of the circulatory system	1,190	714	1,904	1.8
J00-J98	1-072 Diseases of the respiratory system	54,003	41,876	95,879	89.4
J09-J11	1-073 Influenza	29	29	58	0.1
J12-J18	1-074 Pneumonia	31,440	31,279	62,719	58.5
J20-J22	1-075 Other acute lower respiratory infections	39	28	67	0.1
J40-J47	1-076 Chronic lower respiratory infections	18,937	7,639	26,576	24.8
J00-J06, J30-J39, J60-J98	1-077 Remainder of diseases of the respiratory system	3,558	2,901	6,459	6.0
K00-K92	1-078 Diseases of the digestive system	17,046	8,119	25,165	23.5
K25-K27	1-079 Gastric and duodenal ulcer	3,536	1,901	5,437	5.1
K70-K76	1-080 Diseases of the liver	7,626	2,733	10,359	9.7
K00-K22, K28-K66, K80-K92	1-081 Remainder of diseases of the digestive system	5,884	3,485	9,369	8.7
L00-L98	1-082 Diseases of the skin and subcutaneous tissue	1,686	2,032	3,718	3.5
M00-M99	1-083 Diseases of the musculoskeletal system and connective tissue	2,363	1,995	4,358	4.1
N00-N98	1-084 Diseases of the genitourinary system	12,068	8,535	20,603	19.2
N00-N15	1-085 Glomerular and renal tubulo-interstitial diseases	1,953	1,435	3,388	3.2
N17-N98	1-086 Remainder of diseases of the genitourinary system	10,115	7,100	17,215	16.0
O00-O99	1-087 Pregnancy, chilbirth and the puerperium	-	1,458	1,458	1.4
O00-O07	1-088 Pregnancy with abortive outcome	-	122	122	0.1
O10-O92	1-089 Other direct obstetric deaths	-	1,122	1,122	1.0
O98-O99	1-090 Indirect obstetric deaths	-	173	173	0.2
O95-O97	1-091 Remainder of pregnancy, chilbirth and the puerperium	-	41	41	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, 2019

ICD-10 Code	Cause of Death	All Ages			
		Male	Female	Both Sexes	Rate
P00-P96	1-092 Certain conditions originating in the perinatal period	6,545	4,715	11,260	10.5
P00-P04	1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	97	74	171	0.2
P05-P08	1-092b Disorders relating to length of gestation and fetal growth	425	312	737	0.7
P10-P15	1-092c Birth Trauma	22	15	37	0.0
P20-P21	1-092d Intrauterine hypoxia and birth asphyxia	459	354	813	0.8
P22	1-092e Respiratory distress of newborn	1,574	1,111	2,685	2.5
P23	1-092f Congenital pneumonia	1,006	675	1,681	1.6
P24-P28	1-092g Other respiratory conditions of newborn	744	593	1,337	1.2
P36	1-092h Bacterial sepsis of newborn	1,308	963	2,271	2.1
P38	1-092i Omphalitis of newborn with or without mild haemorrhage	5	4	9	0.0
P50-P61	1-092j Haemorrhagic and haematological disorders of fetus and newborn	205	124	329	0.3
P29,P35,P37, P39, P70-P96	1-092k Remainder of perinatal conditions	700	490	1,190	1.1
Q00-Q99	1-093 Congenital malformations, deformations and chromosomal abnormalities	3,129	2,783	5,912	5.5
R00-R99	1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	10,791	12,127	22,918	21.4
V01-Y89	1-095 External causes of morbidity and mortality	34,010	8,950	42,960	40.0
V01-V99	1-096 Transport accidents	10,561	2,238	12,799	11.9
V01-V89	1-096a Land transport accidents	10,531	2,233	12,764	11.9
V90-V94	1-096b Water Transport accidents	7	1	8	0.0
V95-V97	1-096c Air and space transport accidents	3	-	3	0.0
V98-V99	1-096d Other and unspecified transport accidents	20	4	24	0.0
W00-W19	1-097 Falls	1,988	1,156	3,144	2.9
W65-W74	1-098 Accidental drowning and submersion	2,545	750	3,295	3.1
X00-X09	1-099 Exposure to smoke, fire and flames	274	172	446	0.4
X40-X49	1-100 Accidental poisoning by and exposure to noxious substances	525	115	640	0.6
X60-X84	1-101 Intentional self-harm	2,209	599	2,808	2.6
X85-Y09	1-102 Assault	8,060	771	8,831	8.2
W20-W64, W75- W99, X10-X39, X50-X59, Y10- Y89	1-103 All other external causes	7,848	3,149	10,997	10.2
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Notes: Cause of death is coded based on ICD-10 Rules and Guidelines

Mortality grouping with mortality tabulation list number indicated, is based on the Mortality Tabulation List 1 (General Mortality, Condensed List of the ICD-10), Fifth Edition (2016) with modification on Transport Accidents

Figures are results of actual registration without any adjustment for under registration

* 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, 2019

Cause of Death	Under 1				1 - 4			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	12,473	9,250	21,723	1,026.3	4,269	3,547	7,816	87.7
1-001 Certain infectious and parasitic	1,274	905	2,179	103.0	981	863	1,844	20.7
1-002 Cholera	-	-	-	0.0	-	-	-	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	507	335	842	39.8	302	215	517	5.8
1-004 Other intestinal infectious diseases	7	6	13	0.6	12	13	25	0.3
1-005 Respiratory tuberculosis	8	15	23	1.1	20	25	45	0.5
1-006 Other tuberculosis	4	4	8	0.4	32	31	63	0.7
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	6	2	8	0.4	15	16	31	0.3
1-009 Diphtheria	-	1	1	0.0	9	8	17	0.2
1-010 Whooping cough	6	6	12	0.6	-	-	-	0.0
1-011 Meningococcal infection	16	8	24	1.1	17	19	36	0.4
1-012 Sepsis	360	255	615	29.1	132	116	248	2.8
1-013 Infections with a predominantly sexual mode of transmission	2	2	4	0.2	-	-	-	0.0
1-014 Acute poliomyelitis	-	-	-	0.0	-	-	-	0.0
1-015 Rabies	-	-	-	0.0	9	5	14	0.2
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	64	53	117	5.5	171	213	384	4.3
1-018 Measles	239	175	414	19.6	173	120	293	3.3
1-019 Viral hepatitis	3	2	5	0.2	2	2	4	0.0
1-020 Human immunodeficiency virus [HIV]	1	-	1	0.0	-	-	-	0.0
1-021 Malaria	-	-	-	0.0	-	-	-	0.0
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	1	1	2	0.1	-	-	-	0.0
1-025 Remainder of certain infectious and parasitic diseases	50	40	90	4.3	87	80	167	1.9
1-026 Neoplasms	42	38	80	3.8	261	214	475	5.3
1-027 Malignant neoplasm of lip, oral cavity and pharynx	-	-	-	0.0	1	-	1	0.0
1-028 Malignant neoplasm of oesophagus	-	-	-	0.0	-	-	-	0.0
1-029 Malignant neoplasm of stomach	1	-	1	0.0	-	-	-	0.0
1-030 Malignant neoplasm of colon, rectum and anus	-	1	1	0.0	-	-	-	0.0
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	5	1	6	0.3	14	11	25	0.3
1-032 Malignant neoplasm of pancreas	-	-	-	0.0	-	-	-	0.0
1-033 Malignant neoplasm of larynx	-	-	-	0.0	-	-	-	0.0
1-034 Malignant neoplasm of trachea, bronchus and lung	-	-	-	0.0	-	1	1	0.0
1-035 Malignant melanoma of skin	-	-	-	0.0	-	-	-	0.0
1-036 Malignant neoplasm of breast	-	-	-	0.0	-	-	-	0.0
1-037 Malignant neoplasm of cervix uteri	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	Under 1				1 - 4			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	-	-	0.0	-	-	-	0.0
1-039 Malignant neoplasm of ovary	-	1	1	0.0	-	4	4	0.0
1-040 Malignant neoplasm of prostate	-	-	-	0.0	-	-	-	0.0
1-041 Malignant neoplasm of bladder	-	-	-	0.0	-	1	1	0.0
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	4	3	7	0.3	15	18	33	0.4
1-043 Non-Hodgkin lymphoma	-	2	2	0.1	4	2	6	0.1
1-044 Multiple myeloma and malignant plasma cell neoplasms	-	-	-	0.0	-	-	-	0.0
1-045 Leukaemia	17	13	30	1.4	128	100	228	2.6
1-046 Remainder of Malignant Neoplasms	5	6	11	0.5	75	53	128	1.4
1-047 Remainder of Neoplasms	10	11	21	1.0	24	24	48	0.5
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	73	46	119	5.6	58	48	106	1.2
1-049 Anaemias	20	11	31	1.5	30	23	53	0.6
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	53	35	88	4.2	28	25	53	0.6
1-051 Endocrine, nutritional and metabolic diseases	176	132	308	14.6	182	164	346	3.9
1-052 Diabetes Mellitus	3	-	3	0.1	5	2	7	0.1
1-053 Malnutrition	60	42	102	4.8	96	100	196	2.2
1-054 Remainder endocrine, nutritional and metabolic diseases	113	90	203	9.6	81	62	143	1.6
1-055 Mental and behavioral disorders	1	-	1	0.0	3	3	6	0.1
1-056 Mental and behavioral disorder due to psychoactive substance use	-	-	-	0.0	-	1	1	0.0
1-057 Remainder of mental and behavioral disorders	1	-	1	0.0	3	2	5	0.1
1-058 Diseases of the nervous system	330	257	587	27.7	527	353	880	9.9
1-059 Meningitis	119	80	199	9.4	98	71	169	1.9
1-060 Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
1-061 Remainder diseases of the nervous	211	177	388	18.3	429	282	711	8.0
1-062 Diseases of the eye and adnexa	4	2	6	0.3	-	-	-	0.0
1-063 Diseases of the ear and mastoid	-	-	-	0.0	2	2	4	0.0
1-064 Diseases of the circulatory system	86	60	146	6.9	87	88	175	2.0
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	3	1	4	0.2	3	6	9	0.1
1-066 Hypertensive diseases	-	-	-	0.0	1	-	1	0.0
1-067 Ischaemic heart diseases	1	2	3	0.1	3	5	8	0.1

** 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, 2019

Cause of Death	Under 1				1 - 4			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	57	43	100	4.7	62	63	125	1.4
1-069 Cerebrovascular diseases	21	13	34	1.6	16	11	27	0.3
1-070 Atherosclerosis	-	-	-	0.0	-	-	-	0.0
1-071 Remainder of diseases of the circulatory system	4	1	5	0.2	2	3	5	0.1
1-072 Diseases of the respiratory system	1,458	1,066	2,524	119.3	1,013	904	1,917	21.5
1-073 Influenza	2	-	2	0.1	-	1	1	0.0
1-074 Pneumonia	1,081	797	1,878	88.7	749	679	1,428	16.0
1-075 Other acute lower respiratory infections	2	2	4	0.2	2	1	3	0.0
1-076 Chronic lower respiratory infections	43	33	76	3.6	147	132	279	3.1
1-077 Remainder of diseases of the respiratory system	330	234	564	26.6	115	91	206	2.3
1-078 Diseases of the digestive system	146	75	221	10.4	82	65	147	1.6
1-079 Gastric and duodenal ulcer	-	-	-	0.0	1	1	2	0.0
1-080 Diseases of the liver	24	21	45	2.1	16	12	28	0.3
1-081 Remainder of diseases of the digestive system	122	54	176	8.3	65	52	117	1.3
1-082 Diseases of the skin and subcutaneous tissue	25	13	38	1.8	19	17	36	0.4
1-083 Diseases of the musculoskeletal system and connective tissue	5	6	11	0.5	7	1	8	0.1
1-084 Diseases of the genitourinary system	11	5	16	0.8	44	40	84	0.9
1-085 Glomerular and renal tubulo-interstitial diseases	4	2	6	0.3	30	21	51	0.6
1-086 Remainder of diseases of the genitourinary system	7	3	10	0.5	14	19	33	0.4
1-087 Pregnancy, chilbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
1-088 Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
1-089 Other direct obstetric deaths	-	-	-	0.0	-	-	-	0.0
1-090 Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
1-092 Certain conditions originating in the perinatal period	6,544	4,715	11,259	532.0	1	-	1	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	97	74	171	8.1	-	-	-	0.0
1-092b Disorders relating to length of gestation and fetal growth	425	312	737	34.8	-	-	-	0.0
1-092c Birth Trauma	22	15	37	1.7	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	458	354	812	38.4	1	-	1	0.0

** 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, 2019

Cause of Death	Under 1				1 - 4			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	1,574	1,111	2,685	126.9	-	-	-	0.0
1-092f Congenital pneumonia	1,006	675	1,681	79.4	-	-	-	0.0
1-092g Other respiratory conditions of newborn	744	593	1,337	63.2	-	-	-	0.0
1-092h Bacterial sepsis of newborn	1,308	963	2,271	107.3	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	5	4	9	0.4	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	205	124	329	15.5	-	-	-	0.0
1-092k Remainder of perinatal conditions	700	490	1,190	56.2	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	1,822	1,587	3,409	161.1	352	325	677	7.6
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	300	212	512	24.2	111	94	205	2.3
1-095 External causes of morbidity and mortality	176	131	307	14.5	539	366	905	10.2
1-096 Transport accidents	16	14	30	1.4	93	53	146	1.6
1-096a Land transport accidents	16	14	30	1.4	93	53	146	1.6
1-096b Water Transport accidents	-	-	-	0.0	-	-	-	0.0
1-096c Air and space transport accidents	-	-	-	0.0	-	-	-	0.0
1-096d Other and unspecified transport accidents	-	-	-	0.0	-	-	-	0.0
1-097 Falls	12	6	18	0.9	23	27	50	0.6
1-098 Accidental drowning and submersion	19	15	34	1.6	248	155	403	4.5
1-099 Exposure to smoke, fire and flames	6	3	9	0.4	28	20	48	0.5
1-100 Accidental poisoning by and exposure to noxious substances	1	1	2	0.1	12	10	22	0.2
1-101 Intentional self-harm	-	-	-	0.0	-	-	-	0.0
1-102 Assault	11	3	14	0.7	9	6	15	0.2
1-103 All other external causes	111	89	200	9.4	126	95	221	2.5

** 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, 2019

Cause of Death	5 - 9				10 - 14			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	2,961	2,420	5,380	48.7	2,778	2,016	4,794	44.6
1-001 Certain infectious and parasitic	678	769	1,447	13.1	493	398	891	8.3
1-002 Cholera	-	-	-	0.0	-	-	-	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	58	52	110	1.0	35	23	58	0.5
1-004 Other intestinal infectious diseases	8	9	17	0.2	14	8	22	0.2
1-005 Respiratory tuberculosis	27	18	45	0.4	62	32	94	0.9
1-006 Other tuberculosis	44	30	74	0.7	52	50	102	0.9
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	11	3	14	0.1	9	2	11	0.1
1-009 Diphtheria	5	4	9	0.1	-	1	1	0.0
1-010 Whooping cough	-	-	-	0.0	-	-	-	0.0
1-011 Meningococcal infection	11	5	16	0.1	4	1	5	0.0
1-012 Sepsis	84	63	147	1.3	72	48	120	1.1
1-013 Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
1-014 Acute poliomyelitis	-	-	-	0.0	-	-	-	0.0
1-015 Rabies	26	5	31	0.3	11	8	19	0.2
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	345	544	889	8.0	184	190	374	3.5
1-018 Measles	9	8	17	0.2	3	6	9	0.1
1-019 Viral hepatitis	1	1	2	0.0	2	-	2	0.0
1-020 Human immunodeficiency virus [HIV]	-	-	-	0.0	-	-	-	0.0
1-021 Malaria	-	-	-	0.0	1	-	1	0.0
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	-	-	-	0.0	-	-	-	0.0
1-025 Remainder of certain infectious and parasitic diseases	49	27	76	0.7	44	29	73	0.7
1-026 Neoplasms	257	198	455	4.1	264	180	444	4.1
1-027 Malignant neoplasm of lip, oral cavity and pharynx	-	-	-	0.0	5	1	6	0.1
1-028 Malignant neoplasm of oesophagus	-	-	-	0.0	-	-	-	0.0
1-029 Malignant neoplasm of stomach	1	-	1	0.0	-	-	-	0.0
1-030 Malignant neoplasm of colon, rectum and anus	1	1	2	0.0	2	-	2	0.0
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	5	1	6	0.1	5	4	9	0.1
1-032 Malignant neoplasm of pancreas	-	-	-	0.0	-	-	-	0.0
1-033 Malignant neoplasm of larynx	-	-	-	0.0	1	-	1	0.0
1-034 Malignant neoplasm of trachea, bronchus and lung	-	-	-	0.0	-	1	1	0.0
1-035 Malignant melanoma of skin	-	-	-	0.0	-	-	-	0.0
1-036 Malignant neoplasm of breast	-	-	-	0.0	-	-	-	0.0
1-037 Malignant neoplasm of cervix uteri	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	5 - 9				10 - 14			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	1	1	0.0	-	1	1	0.0
1-039 Malignant neoplasm of ovary	-	4	4	0.0	-	4	4	0.0
1-040 Malignant neoplasm of prostate	-	-	-	0.0	-	-	-	0.0
1-041 Malignant neoplasm of bladder	-	-	-	0.0	-	-	-	0.0
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	26	30	56	0.5	29	19	48	0.4
1-043 Non-Hodgkin lymphoma	19	7	26	0.2	15	9	24	0.2
1-044 Multiple myeloma and malignant plasma cell neoplasms	-	-	-	0.0	-	-	-	0.0
1-045 Leukaemia	126	88	214	1.9	119	79	198	1.8
1-046 Remainder of Malignant Neoplasms	45	41	86	0.8	60	39	99	0.9
1-047 Remainder of Neoplasms	34	25	59	0.5	28	23	51	0.5
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	51	38	89	0.8	44	59	103	1.0
1-049 Anaemias	31	18	49	0.4	19	38	57	0.5
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	20	20	40	0.4	25	21	46	0.4
1-051 Endocrine, nutritional and metabolic diseases	74	70	144	1.3	65	79	144	1.3
1-052 Diabetes Mellitus	9	7	16	0.1	15	21	36	0.3
1-053 Malnutrition	45	32	77	0.7	26	26	52	0.5
1-054 Remainder endocrine, nutritional and metabolic diseases	20	31	51	0.5	24	32	56	0.5
1-055 Mental and behavioral disorders	3	5	8	0.1	6	1	7	0.1
1-056 Mental and behavioral disorder due to psychoactive substance use	1	-	1	0.0	1	-	1	0.0
1-057 Remainder of mental and behavioral disorders	2	5	7	0.1	5	1	6	0.1
1-058 Diseases of the nervous system	390	270	660	6.0	316	210	526	4.9
1-059 Meningitis	76	43	119	1.1	36	25	61	0.6
1-060 Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
1-061 Remainder diseases of the nervous	314	227	541	4.9	280	185	465	4.3
1-062 Diseases of the eye and adnexa	1	-	-	0.0	-	-	-	0.0
1-063 Diseases of the ear and mastoid	2	1	3	0.0	3	1	4	0.0
1-064 Diseases of the circulatory system	126	99	225	2.0	218	193	411	3.8
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	42	46	88	0.8	97	90	187	1.7
1-066 Hypertensive diseases	-	-	-	0.0	-	1	1	0.0
1-067 Ischaemic heart diseases	4	2	6	0.1	15	14	29	0.3

** 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, 2019

Cause of Death	5 - 9				10 - 14			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	56	40	96	0.9	68	60	128	1.2
1-069 Cerebrovascular diseases	21	11	32	0.3	35	25	60	0.6
1-070 Atherosclerosis	-	-	-	0.0	-	-	-	0.0
1-071 Remainder of diseases of the circulatory system	3	-	3	0.0	3	3	6	0.1
1-072 Diseases of the respiratory system	322	265	587	5.3	257	208	465	4.3
1-073 Influenza	-	1	1	0.0	-	2	2	0.0
1-074 Pneumonia	228	199	427	3.9	181	148	329	3.1
1-075 Other acute lower respiratory infections	1	1	2	0.0	-	-	-	0.0
1-076 Chronic lower respiratory infections	51	39	90	0.8	47	32	79	0.7
1-077 Remainder of diseases of the respiratory system	42	25	67	0.6	29	26	55	0.5
1-078 Diseases of the digestive system	51	55	106	1.0	65	39	104	1.0
1-079 Gastric and duodenal ulcer	1	1	2	0.0	6	3	9	0.1
1-080 Diseases of the liver	13	10	23	0.2	6	7	13	0.1
1-081 Remainder of diseases of the digestive system	37	44	81	0.7	53	29	82	0.8
1-082 Diseases of the skin and subcutaneous tissue	6	14	20	0.2	19	5	24	0.2
1-083 Diseases of the musculoskeletal system and connective tissue	5	5	10	0.1	12	36	48	0.4
1-084 Diseases of the genitourinary system	71	60	131	1.2	84	84	168	1.6
1-085 Glomerular and renal tubulo-interstitial diseases	46	36	82	0.7	42	52	94	0.9
1-086 Remainder of diseases of the genitourinary system	25	24	49	0.4	42	32	74	0.7
1-087 Pregnancy, chilbirth and the puerperium	-	-	-	0.0	-	3	3	0.0
1-088 Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
1-089 Other direct obstetric deaths	-	-	-	0.0	-	2	2	0.0
1-090 Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	-	-	0.0	-	1	1	0.0
1-092 Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-	0.0	-	-	-	0.0
1-092b Disorders relating to length of gestation and fetal growth	-	-	-	0.0	-	-	-	0.0
1-092c Birth Trauma	-	-	-	0.0	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	5 - 9				10 - 14			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	-	-	-	0.0	-	-	-	0.0
1-092f Congenital pneumonia	-	-	-	0.0	-	-	-	0.0
1-092g Other respiratory conditions of newborn	-	-	-	0.0	-	-	-	0.0
1-092h Bacterial sepsis of newborn	-	-	-	0.0	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-	0.0	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-	0.0	-	-	-	0.0
1-092k Remainder of perinatal conditions	-	-	-	0.0	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	153	145	298	2.7	102	95	197	1.8
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	66	59	125	1.1	86	45	131	1.2
1-095 External causes of morbidity and mortality	705	367	1,072	9.7	744	380	1,124	10.5
1-096 Transport accidents	154	90	244	2.2	164	81	245	2.3
1-096a Land transport accidents	154	90	244	2.2	163	81	244	2.3
1-096b Water Transport accidents	-	-	-	0.0	1	-	1	0.0
1-096c Air and space transport accidents	-	-	-	0.0	-	-	-	0.0
1-096d Other and unspecified transport accidents	-	-	-	0.0	-	-	-	0.0
1-097 Falls	35	19	54	0.5	44	15	59	0.5
1-098 Accidental drowning and submersion	335	134	469	4.2	217	125	342	3.2
1-099 Exposure to smoke, fire and flames	21	18	39	0.4	14	10	24	0.2
1-100 Accidental poisoning by and exposure to noxious substances	4	5	9	0.1	4	2	6	0.1
1-101 Intentional self-harm	1	-	1	0.0	72	42	114	1.1
1-102 Assault	14	11	25	0.2	34	20	54	0.5
1-103 All other external causes	141	90	231	2.1	195	85	280	2.6

** 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, 2019

Cause of Death	15-19				20-24			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	5,202	2,767	7,969	77.2	7,747	3,465	11,212	115.4
1-001 Certain infectious and parasitic	498	365	863	8.4	800	386	1,186	12.2
1-002 Cholera	1	-	1	0.0	-	-	-	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	22	21	43	0.4	23	21	44	0.5
1-004 Other intestinal infectious diseases	5	10	15	0.1	18	7	25	0.3
1-005 Respiratory tuberculosis	162	99	261	2.5	314	169	483	5.0
1-006 Other tuberculosis	51	54	105	1.0	57	41	98	1.0
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	13	-	13	0.1	9	-	9	0.1
1-009 Diphtheria	-	-	-	0.0	-	1	1	0.0
1-010 Whooping cough	-	-	-	0.0	-	-	-	0.0
1-011 Meningococcal infection	-	1	1	0.0	1	-	1	0.0
1-012 Sepsis	47	57	104	1.0	60	48	108	1.1
1-013 Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
1-014 Acute poliomyelitis	1	-	1	0.0	-	-	-	0.0
1-015 Rabies	5	2	7	0.1	15	1	16	0.2
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	93	82	175	1.7	60	51	111	1.1
1-018 Measles	6	7	13	0.1	6	7	13	0.1
1-019 Viral hepatitis	3	7	10	0.1	8	7	15	0.2
1-020 Human immunodeficiency virus [HIV]	10	3	13	0.1	98	14	112	1.2
1-021 Malaria	-	-	-	0.0	-	2	2	0.0
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	2	2	4	0.0	1	1	2	0.0
1-025 Remainder of certain infectious and parasitic diseases	77	20	97	0.9	130	16	146	1.5
1-026 Neoplasms	359	216	575	5.6	397	315	712	7.3
1-027 Malignant neoplasm of lip, oral cavity and pharynx	7	3	10	0.1	11	8	19	0.2
1-028 Malignant neoplasm of oesophagus	-	-	-	0.0	1	-	1	0.0
1-029 Malignant neoplasm of stomach	2	1	3	0.0	8	2	10	0.1
1-030 Malignant neoplasm of colon, rectum and anus	10	3	13	0.1	24	21	45	0.5
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	12	4	16	0.2	18	10	28	0.3
1-032 Malignant neoplasm of pancreas	-	-	-	0.0	2	3	5	0.1
1-033 Malignant neoplasm of larynx	-	-	-	0.0	-	-	-	0.0
1-034 Malignant neoplasm of trachea, bronchus and lung	6	2	8	0.1	27	7	34	0.3
1-035 Malignant melanoma of skin	-	-	-	0.0	1	2	3	0.0
1-036 Malignant neoplasm of breast	1	2	3	0.0	1	6	7	0.1
1-037 Malignant neoplasm of cervix uteri	-	1	1	0.0	-	17	17	0.2

** 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, 2019

Cause of Death	15-19				20-24			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	3	3	0.0	-	4	4	0.0
1-039 Malignant neoplasm of ovary	-	15	15	0.1	-	20	20	0.2
1-040 Malignant neoplasm of prostate	-	-	-	0.0	1	-	1	0.0
1-041 Malignant neoplasm of bladder	-	-	-	0.0	-	-	-	0.0
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	26	16	42	0.4	26	11	37	0.4
1-043 Non-Hodgkin lymphoma	16	12	28	0.3	43	25	68	0.7
1-044 Multiple myeloma and malignant plasma cell neoplasms	-	-	-	0.0	-	-	-	0.0
1-045 Leukaemia	130	74	204	2.0	84	71	155	1.6
1-046 Remainder of Malignant Neoplasms	108	55	163	1.6	105	68	173	1.8
1-047 Remainder of Neoplasms	41	25	66	0.6	45	40	85	0.9
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	60	67	127	1.2	86	77	163	1.7
1-049 Anaemias	38	53	91	0.9	53	47	100	1.0
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	22	14	36	0.3	33	30	63	0.6
1-051 Endocrine, nutritional and metabolic diseases	102	125	227	2.2	176	209	385	4.0
1-052 Diabetes Mellitus	20	51	71	0.7	62	64	126	1.3
1-053 Malnutrition	23	23	46	0.4	30	12	42	0.4
1-054 Remainder endocrine, nutritional and metabolic diseases	59	51	110	1.1	84	133	217	2.2
1-055 Mental and behavioral disorders	7	3	10	0.1	15	8	23	0.2
1-056 Mental and behavioral disorder due to psychoactive substance use	1	1	2	0.0	4	-	4	0.0
1-057 Remainder of mental and behavioral disorders	6	2	8	0.1	11	8	19	0.2
1-058 Diseases of the nervous system	346	255	601	5.8	351	178	529	5.4
1-059 Meningitis	36	21	57	0.6	48	25	73	0.8
1-060 Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
1-061 Remainder diseases of the nervous	310	234	544	5.3	303	153	456	4.7
1-062 Diseases of the eye and adnexa	2	-	2	0.0	1	-	1	0.0
1-063 Diseases of the ear and mastoid	-	3	3	0.0	6	1	7	0.1
1-064 Diseases of the circulatory system	511	321	832	8.1	972	574	1,546	15.9
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	134	84	218	2.1	80	114	194	2.0
1-066 Hypertensive diseases	7	8	15	0.1	28	19	47	0.5
1-067 Ischaemic heart diseases	112	68	180	1.7	372	176	548	5.6

** 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, 2019

Cause of Death	15-19				20-24			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	159	112	271	2.6	270	187	457	4.7
1-069 Cerebrovascular diseases	88	40	128	1.2	210	67	277	2.9
1-070 Atherosclerosis	-	-	-	0.0	-	-	-	0.0
1-071 Remainder of diseases of the circulatory system	11	9	20	0.2	12	11	23	0.2
1-072 Diseases of the respiratory system	365	239	604	5.8	525	337	862	8.9
1-073 Influenza	-	-	-	0.0	-	1	1	0.0
1-074 Pneumonia	236	149	385	3.7	330	204	534	5.5
1-075 Other acute lower respiratory infections	-	-	-	0.0	-	-	-	0.0
1-076 Chronic lower respiratory infections	71	48	119	1.2	123	86	209	2.2
1-077 Remainder of diseases of the respiratory system	58	42	100	1.0	72	46	118	1.2
1-078 Diseases of the digestive system	136	69	205	2.0	300	106	406	4.2
1-079 Gastric and duodenal ulcer	13	11	24	0.2	34	23	57	0.6
1-080 Diseases of the liver	25	8	33	0.3	57	24	81	0.8
1-081 Remainder of diseases of the digestive system	98	50	148	1.4	209	59	268	2.8
1-082 Diseases of the skin and subcutaneous tissue	16	17	33	0.3	20	17	37	0.4
1-083 Diseases of the musculoskeletal system and connective tissue	10	91	101	1.0	17	119	136	1.4
1-084 Diseases of the genitourinary system	137	110	247	2.4	262	221	483	5.0
1-085 Glomerular and renal tubulo-interstitial diseases	61	43	104	1.0	130	101	231	2.4
1-086 Remainder of diseases of the genitourinary system	76	67	143	1.4	132	120	252	2.6
1-087 Pregnancy, chilbirth and the puerperium	-	114	114	1.1	-	245	245	2.5
1-088 Pregnancy with abortive outcome	-	10	10	0.1	-	30	30	0.3
1-089 Other direct obstetric deaths	-	90	90	0.9	-	184	184	1.9
1-090 Indirect obstetric deaths	-	12	12	0.1	-	24	24	0.2
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	2	2	0.0	-	7	7	0.1
1-092 Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-	0.0	-	-	-	0.0
1-092b Disorders relating to lenght of gestation and fetal growth	-	-	-	0.0	-	-	-	0.0
1-092c Birth Trauma	-	-	-	0.0	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	15-19				20-24			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	-	-	-	0.0	-	-	-	0.0
1-092f Congenital pneumonia	-	-	-	0.0	-	-	-	0.0
1-092g Other respiratory conditions of newborn	-	-	-	0.0	-	-	-	0.0
1-092h Bacterial sepsis of newborn	-	-	-	0.0	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-	0.0	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-	0.0	-	-	-	0.0
1-092k Remainder of perinatal conditions	-	-	-	0.0	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	149	112	261	2.5	115	85	200	2.1
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	158	67	225	2.2	186	98	284	2.9
1-095 External causes of morbidity and mortality	2,346	593	2,939	28.5	3,518	489	4,007	41.2
1-096 Transport accidents	998	158	1,156	11.2	1,515	164	1,679	17.3
1-096a Land transport accidents	994	158	1,152	11.2	1,512	164	1,676	17.2
1-096b Water Transport accidents	2	-	2	0.0	1	-	1	0.0
1-096c Air and space transport accidents	-	-	-	0.0	-	-	-	0.0
1-096d Other and unspecified transport accidents	2	-	2	0.0	2	-	2	0.0
1-097 Falls	43	8	51	0.5	69	6	75	0.8
1-098 Accidental drowning and submersion	190	46	236	2.3	173	24	197	2.0
1-099 Exposure to smoke, fire and flames	11	8	19	0.2	17	3	20	0.2
1-100 Accidental poisoning by and exposure to noxious substances	7	4	11	0.1	24	14	38	0.4
1-101 Intentional self-harm	293	169	462	4.5	334	87	421	4.3
1-102 Assault	303	54	357	3.5	669	53	722	7.4
1-103 All other external causes	501	146	647	6.3	717	138	855	8.8

** 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, 2019

Cause of Death	25-29				30-34			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	10,700	4,735	15,435	172.5	10,374	4,816	15,190	187.2
1-001 Certain infectious and parasitic	1,276	581	1,857	20.8	1,217	506	1,723	21.2
1-002 Cholera	-	-	-	0.0	-	-	-	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	51	38	89	1.0	42	33	75	0.9
1-004 Other intestinal infectious diseases	19	6	25	0.3	13	6	19	0.2
1-005 Respiratory tuberculosis	510	271	781	8.7	551	289	840	10.4
1-006 Other tuberculosis	71	50	121	1.4	58	30	88	1.1
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	17	2	19	0.2	14	2	16	0.2
1-009 Diphtheria	-	-	-	0.0	-	-	-	0.0
1-010 Whooping cough	-	-	-	0.0	-	-	-	0.0
1-011 Meningococcal infection	-	2	2	0.0	-	-	-	0.0
1-012 Sepsis	76	71	147	1.6	97	51	148	1.8
1-013 Infections with a predominantly sexual mode of transmission	2	-	2	0.0	-	-	-	0.0
1-014 Acute poliomyelitis	-	-	-	0.0	-	-	-	0.0
1-015 Rabies	20	3	23	0.3	19	7	26	0.3
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	58	76	134	1.5	54	40	94	1.2
1-018 Measles	10	4	14	0.2	6	2	8	0.1
1-019 Viral hepatitis	25	10	35	0.4	34	8	42	0.5
1-020 Human immunodeficiency virus [HIV]	230	17	247	2.8	193	11	204	2.5
1-021 Malaria	1	-	1	0.0	-	-	-	0.0
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	6	1	7	0.1	7	1	8	0.1
1-025 Remainder of certain infectious and parasitic diseases	180	30	210	2.3	129	26	155	1.9
1-026 Neoplasms	529	531	1,060	11.8	620	847	1,467	18.1
1-027 Malignant neoplasm of lip, oral cavity and pharynx	27	12	39	0.4	45	27	72	0.9
1-028 Malignant neoplasm of oesophagus	3	1	4	0.0	6	1	7	0.1
1-029 Malignant neoplasm of stomach	8	6	14	0.2	12	9	21	0.3
1-030 Malignant neoplasm of colon, rectum and anus	41	34	75	0.8	75	55	130	1.6
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	29	14	43	0.5	80	25	105	1.3
1-032 Malignant neoplasm of pancreas	6	6	12	0.1	13	13	26	0.3
1-033 Malignant neoplasm of larynx	-	-	-	0.0	4	1	5	0.1
1-034 Malignant neoplasm of trachea, bronchus and lung	31	30	61	0.7	40	30	70	0.9
1-035 Malignant melanoma of skin	1	1	2	0.0	1	-	1	0.0
1-036 Malignant neoplasm of breast	2	58	60	0.7	2	205	207	2.6
1-037 Malignant neoplasm of cervix uteri	-	56	56	0.6	-	128	128	1.6

** 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, 2019

Cause of Death	25-29				30-34			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	15	15	0.2	-	24	24	0.3
1-039 Malignant neoplasm of ovary	-	34	34	0.4	-	61	61	0.8
1-040 Malignant neoplasm of prostate	-	-	-	0.0	2	-	2	0.0
1-041 Malignant neoplasm of bladder	1	-	1	0.0	5	-	5	0.1
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	29	20	49	0.5	33	26	59	0.7
1-043 Non-Hodgkin lymphoma	56	27	83	0.9	48	24	72	0.9
1-044 Multiple myeloma and malignant plasma cell neoplasms	-	1	1	0.0	3	1	4	0.0
1-045 Leukaemia	102	77	179	2.0	84	53	137	1.7
1-046 Remainder of Malignant Neoplasms	142	98	240	2.7	113	112	225	2.8
1-047 Remainder of Neoplasms	51	41	92	1.0	54	52	106	1.3
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	111	86	197	2.2	76	71	147	1.8
1-049 Anaemias	67	56	123	1.4	41	50	91	1.1
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	44	30	74	0.8	35	21	56	0.7
1-051 Endocrine, nutritional and metabolic diseases	263	337	600	6.7	348	300	648	8.0
1-052 Diabetes Mellitus	105	106	211	2.4	170	98	268	3.3
1-053 Malnutrition	26	19	45	0.5	33	16	49	0.6
1-054 Remainder endocrine, nutritional and metabolic diseases	132	212	344	3.8	145	186	331	4.1
1-055 Mental and behavioral disorders	33	11	44	0.5	42	12	54	0.7
1-056 Mental and behavioral disorder due to psychoactive substance use	15	1	16	0.2	22	-	22	0.3
1-057 Remainder of mental and behavioral disorders	18	10	28	0.3	20	12	32	0.4
1-058 Diseases of the nervous system	374	220	594	6.6	294	167	461	5.7
1-059 Meningitis	56	36	92	1.0	41	21	62	0.8
1-060 Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
1-061 Remainder diseases of the nervous	318	184	502	5.6	253	146	399	4.9
1-062 Diseases of the eye and adnexa	-	1	1	0.0	-	1	1	0.0
1-063 Diseases of the ear and mastoid	4	2	6	0.1	3	3	6	0.1
1-064 Diseases of the circulatory system	1,727	797	2,524	28.2	2,234	1,003	3,237	39.9
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	97	129	226	2.5	90	153	243	3.0
1-066 Hypertensive diseases	99	33	132	1.5	142	80	222	2.7
1-067 Ischaemic heart diseases	809	253	1,062	11.9	1,092	337	1,429	17.6

** 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, 2019

Cause of Death	25-29				30-34			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	368	259	627	7.0	386	230	616	7.6
1-069 Cerebrovascular diseases	328	107	435	4.9	496	187	683	8.4
1-070 Atherosclerosis	-	-	-	0.0	-	-	-	0.0
1-071 Remainder of diseases of the circulatory system	26	16	42	0.5	28	16	44	0.5
1-072 Diseases of the respiratory system	717	439	1,156	12.9	698	406	1,104	13.6
1-073 Influenza	1	1	2	0.0	2	-	2	0.0
1-074 Pneumonia	459	256	715	8.0	455	259	714	8.8
1-075 Other acute lower respiratory infections	-	1	1	0.0	1	-	1	0.0
1-076 Chronic lower respiratory infections	166	118	284	3.2	169	109	278	3.4
1-077 Remainder of diseases of the respiratory system	91	63	154	1.7	71	38	109	1.3
1-078 Diseases of the digestive system	524	139	663	7.4	545	147	692	8.5
1-079 Gastric and duodenal ulcer	73	35	108	1.2	67	24	91	1.1
1-080 Diseases of the liver	135	33	168	1.9	211	53	264	3.3
1-081 Remainder of diseases of the digestive system	316	71	387	4.3	267	70	337	4.2
1-082 Diseases of the skin and subcutaneous tissue	23	15	38	0.4	31	26	57	0.7
1-083 Diseases of the musculoskeletal system and connective tissue	35	151	186	2.1	46	110	156	1.9
1-084 Diseases of the genitourinary system	406	300	706	7.9	444	344	788	9.7
1-085 Glomerular and renal tubulo-interstitial diseases	187	123	310	3.5	175	142	317	3.9
1-086 Remainder of diseases of the genitourinary system	219	177	396	4.4	269	202	471	5.8
1-087 Pregnancy, chilbirth and the	-	335	335	3.7	-	308	308	3.8
1-088 Pregnancy with abortive outcome	-	32	32	0.4	-	16	16	0.2
1-089 Other direct obstetric deaths	-	244	244	2.7	-	259	259	3.2
1-090 Indirect obstetric deaths	-	45	45	0.5	-	29	29	0.4
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	14	14	0.2	-	4	4	0.0
1-092 Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-	0.0	-	-	-	0.0
1-092b Disorders relating to lenght of gestation and fetal growth	-	-	-	0.0	-	-	-	0.0
1-092c Birth Trauma	-	-	-	0.0	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	25-29				30-34			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	-	-	-	0.0	-	-	-	0.0
1-092f Congenital pneumonia	-	-	-	0.0	-	-	-	0.0
1-092g Other respiratory conditions of newborn	-	-	-	0.0	-	-	-	0.0
1-092h Bacterial sepsis of newborn	-	-	-	0.0	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-	0.0	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-	0.0	-	-	-	0.0
1-092k Remainder of perinatal conditions	-	-	-	0.0	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	120	108	228	2.5	68	68	136	1.7
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	256	125	381	4.3	235	106	341	4.2
1-095 External causes of morbidity and mortality	4,302	557	4,859	54.3	3,473	391	3,864	47.6
1-096 Transport accidents	1,684	214	1,898	21.2	1,127	120	1,247	15.4
1-096a Land transport accidents	1,680	214	1,894	21.2	1,121	120	1,241	15.3
1-096b Water Transport accidents	1	-	1	0.0	1	-	1	0.0
1-096c Air and space transport accidents	1	-	1	0.0	-	-	-	0.0
1-096d Other and unspecified transport accidents	2	-	2	0.0	5	-	5	0.1
1-097 Falls	80	12	92	1.0	81	8	89	1.1
1-098 Accidental drowning and submersion	180	24	204	2.3	168	25	193	2.4
1-099 Exposure to smoke, fire and flames	22	7	29	0.3	21	4	25	0.3
1-100 Accidental poisoning by and exposure to noxious substances	43	9	52	0.6	40	2	42	0.5
1-101 Intentional self-harm	346	93	439	4.9	242	27	269	3.3
1-102 Assault	1,062	71	1,133	12.7	1,094	82	1,176	14.5
1-103 All other external causes	885	127	1,012	11.3	700	123	823	10.1

** 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, 2019

Cause of Death	35-39				40-44			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	12,735	6,358	19,093	263.2	16,069	8,297	24,363	385.2
1-001 Certain infectious and parasitic	1,323	573	1,896	26.1	1,450	564	2,011	31.8
1-002 Cholera	-	-	-	0.0	-	1	1	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	44	30	74	1.0	50	20	70	1.1
1-004 Other intestinal infectious diseases	19	9	28	0.4	15	7	22	0.3
1-005 Respiratory tuberculosis	689	303	992	13.7	820	330	1,150	18.2
1-006 Other tuberculosis	64	46	110	1.5	48	33	81	1.3
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	27	5	32	0.4	37	2	39	0.6
1-009 Diphtheria	-	-	-	0.0	-	-	-	0.0
1-010 Whooping cough	-	-	-	0.0	-	-	-	0.0
1-011 Meningococcal infection	4	-	4	0.1	1	1	2	0.0
1-012 Sepsis	111	72	183	2.5	131	79	210	3.3
1-013 Infections with a predominantly sexual mode of transmission	1	-	1	0.0	2	-	2	0.0
1-014 Acute poliomyelitis	-	-	-	0.0	1	-	1	0.0
1-015 Rabies	11	4	15	0.2	19	5	24	0.4
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	41	31	72	1.0	32	25	57	0.9
1-018 Measles	9	6	15	0.2	1	2	-	0.0
1-019 Viral hepatitis	44	11	55	0.8	84	22	106	1.7
1-020 Human immunodeficiency virus [HIV]	129	13	142	2.0	65	10	75	1.2
1-021 Malaria	-	-	-	0.0	1	-	1	0.0
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	10	6	16	0.2	11	7	18	0.3
1-025 Remainder of certain infectious and parasitic diseases	120	37	157	2.2	132	20	152	2.4
1-026 Neoplasms	817	1,387	2,204	30.4	1,207	2,216	3,423	54.1
1-027 Malignant neoplasm of lip, oral cavity and pharynx	67	30	97	1.3	123	41	164	2.6
1-028 Malignant neoplasm of oesophagus	7	3	10	0.1	16	1	17	0.3
1-029 Malignant neoplasm of stomach	20	19	39	0.5	27	20	47	0.7
1-030 Malignant neoplasm of colon, rectum and anus	114	86	200	2.8	171	139	310	4.9
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	135	48	183	2.5	206	82	288	4.6
1-032 Malignant neoplasm of pancreas	19	13	32	0.4	41	36	77	1.2
1-033 Malignant neoplasm of larynx	1	1	2	0.0	7	1	8	0.1
1-034 Malignant neoplasm of trachea, bronchus and lung	90	47	137	1.9	123	82	205	3.2
1-035 Malignant melanoma of skin	2	4	6	0.1	4	8	12	0.2
1-036 Malignant neoplasm of breast	5	471	476	6.6	3	864	867	13.7
1-037 Malignant neoplasm of cervix uteri	-	200	200	2.8	-	267	267	4.2

** 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, 2019

Cause of Death	35-39				40-44			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	40	40	0.6	-	81	81	1.3
1-039 Malignant neoplasm of ovary	-	82	82	1.1	-	139	139	2.2
1-040 Malignant neoplasm of prostate	5	-	5	0.1	8	-	8	0.1
1-041 Malignant neoplasm of bladder	7	3	10	0.1	10	4	14	0.2
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	25	21	46	0.6	44	34	78	1.2
1-043 Non-Hodgkin lymphoma	49	23	72	1.0	40	25	65	1.0
1-044 Multiple myeloma and malignant plasma cell neoplasms	4	9	13	0.2	6	1	7	0.1
1-045 Leukaemia	74	64	138	1.9	72	76	148	2.3
1-046 Remainder of Malignant Neoplasms	140	149	289	4.0	202	198	400	6.3
1-047 Remainder of Neoplasms	53	74	127	1.8	104	117	221	3.5
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	81	66	147	2.0	103	100	203	3.2
1-049 Anaemias	57	44	101	1.4	73	73	146	2.3
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	24	22	46	0.6	30	27	57	0.9
1-051 Endocrine, nutritional and metabolic diseases	496	426	922	12.7	858	720	1,578	25.0
1-052 Diabetes Mellitus	292	216	508	7.0	636	473	1,109	17.5
1-053 Malnutrition	25	21	46	0.6	28	18	46	0.7
1-054 Remainder endocrine, nutritional and metabolic diseases	179	189	368	5.1	194	229	423	6.7
1-055 Mental and behavioral disorders	64	10	74	1.0	57	16	73	1.2
1-056 Mental and behavioral disorder due to psychoactive substance use	38	1	39	0.5	39	1	40	0.6
1-057 Remainder of mental and behavioral disorders	26	9	35	0.5	18	15	33	0.5
1-058 Diseases of the nervous system	246	153	399	5.5	269	123	392	6.2
1-059 Meningitis	33	12	45	0.6	19	15	34	0.5
1-060 Alzheimer's disease	-	-	-	0.0	-	-	-	0.0
1-061 Remainder diseases of the nervous	213	141	354	4.9	250	108	358	5.7
1-062 Diseases of the eye and adnexa	-	1	1	0.0	-	-	-	0.0
1-063 Diseases of the ear and mastoid	7	1	8	0.1	7	-	7	0.1
1-064 Diseases of the circulatory system	3,655	1,578	5,233	72.1	5,778	2,367	8,145	128.8
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	68	147	215	3.0	53	129	182	2.9
1-066 Hypertensive diseases	301	169	470	6.5	605	311	916	14.5
1-067 Ischaemic heart diseases	1,776	589	2,365	32.6	2,739	874	3,613	57.1

** 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, 2019

Cause of Death	35-39				40-44			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	485	278	763	10.5	558	321	879	13.9
1-069 Cerebrovascular diseases	983	385	1,368	18.9	1,769	707	2,476	39.2
1-070 Atherosclerosis	-	-	-	0.0	2	-	2	0.0
1-071 Remainder of diseases of the circulatory system	42	10	52	0.7	52	25	77	1.2
1-072 Diseases of the respiratory system	847	574	1,421	19.6	1,029	673	1,702	26.9
1-073 Influenza	-	1	1	0.0	1	-	1	0.0
1-074 Pneumonia	507	325	832	11.5	634	390	1,024	16.2
1-075 Other acute lower respiratory infections	1	-	1	0.0	1	-	1	0.0
1-076 Chronic lower respiratory infections	249	185	434	6.0	298	209	507	8.0
1-077 Remainder of diseases of the respiratory system	90	63	153	2.1	95	74	169	2.7
1-078 Diseases of the digestive system	848	215	1,063	14.7	1,130	267	1,397	22.1
1-079 Gastric and duodenal ulcer	109	34	143	2.0	140	52	192	3.0
1-080 Diseases of the liver	410	75	485	6.7	674	111	785	12.4
1-081 Remainder of diseases of the digestive system	329	106	435	6.0	316	104	420	6.6
1-082 Diseases of the skin and subcutaneous tissue	48	30	78	1.1	75	41	116	1.8
1-083 Diseases of the musculoskeletal system and connective tissue	61	122	183	2.5	110	92	202	3.2
1-084 Diseases of the genitourinary system	555	360	915	12.6	653	417	1,070	16.9
1-085 Glomerular and renal tubulo-interstitial diseases	191	127	318	4.4	146	115	261	4.1
1-086 Remainder of diseases of the genitourinary system	364	233	597	8.2	507	302	809	12.8
1-087 Pregnancy, chilbirth and the puerperium	-	322	322	4.4	-	146	146	2.3
1-088 Pregnancy with abortive outcome	-	21	21	0.3	-	14	14	0.2
1-089 Other direct obstetric deaths	-	259	259	3.6	-	110	110	1.7
1-090 Indirect obstetric deaths	-	37	37	0.5	-	17	17	0.3
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	5	5	0.1	-	5	5	0.1
1-092 Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-	0.0	-	-	-	0.0
1-092b Disorders relating to length of gestation and fetal growth	-	-	-	0.0	-	-	-	0.0
1-092c Birth Trauma	-	-	-	0.0	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	35-39				40-44			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	-	-	-	0.0	-	-	-	0.0
1-092f Congenital pneumonia	-	-	-	0.0	-	-	-	0.0
1-092g Other respiratory conditions of newborn	-	-	-	0.0	-	-	-	0.0
1-092h Bacterial sepsis of newborn	-	-	-	0.0	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-	0.0	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-	0.0	-	-	-	0.0
1-092k Remainder of perinatal conditions	-	-	-	0.0	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	41	41	82	1.1	50	46	96	1.5
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	298	119	417	5.7	321	111	432	6.8
1-095 External causes of morbidity and mortality	3,348	380	3,728	51.4	2,972	398	3,370	53.3
1-096 Transport accidents	969	96	1,065	14.7	821	121	942	14.9
1-096a Land transport accidents	967	95	1,062	14.6	820	119	939	14.8
1-096b Water Transport accidents	-	1	1	0.0	-	-	-	0.0
1-096c Air and space transport accidents	-	-	-	0.0	-	-	-	0.0
1-096d Other and unspecified transport accidents	2	-	2	0.0	1	2	3	0.0
1-097 Falls	103	11	114	1.6	112	18	130	2.1
1-098 Accidental drowning and submersion	167	22	189	2.6	140	18	158	2.5
1-099 Exposure to smoke, fire and flames	13	5	18	0.2	12	3	15	0.2
1-100 Accidental poisoning by and exposure to noxious substances	42	5	47	0.6	48	6	54	0.9
1-101 Intentional self-harm	206	48	254	3.5	173	34	207	3.3
1-102 Assault	1,202	97	1,299	17.9	1,087	94	1,181	18.7
1-103 All other external causes	646	96	742	10.2	579	104	683	10.8

** 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, 2019

Cause of Death	45-49				50-54			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	20,997	11,138	32,135	562.3	26,912	14,362	41,274	847.0
1-001 Certain infectious and parasitic	1,756	677	2,433	42.6	2,097	792	2,889	59.3
1-002 Cholera	-	-	-	0.0	-	-	-	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	71	25	96	1.7	57	35	92	1.9
1-004 Other intestinal infectious diseases	14	9	23	0.4	29	13	42	0.9
1-005 Respiratory tuberculosis	1,084	412	1,496	26.2	1,430	501	1,931	39.6
1-006 Other tuberculosis	45	28	73	1.3	35	32	67	1.4
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	52	4	56	1.0	45	1	46	0.9
1-009 Diphtheria	-	-	-	0.0	-	-	-	0.0
1-010 Whooping cough	-	-	-	0.0	-	-	-	0.0
1-011 Meningococcal infection	2	1	3	0.1	4	2	6	0.1
1-012 Sepsis	154	106	260	4.5	184	107	291	6.0
1-013 Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
1-014 Acute poliomyelitis	-	-	-	0.0	-	-	-	0.0
1-015 Rabies	20	6	26	0.5	18	7	25	0.5
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	32	19	51	0.9	35	25	60	1.2
1-018 Measles	-	-	-	0.0	2	-	2	0.0
1-019 Viral hepatitis	103	18	121	2.1	118	24	142	2.9
1-020 Human immunodeficiency virus [HIV]	41	10	51	0.9	17	6	23	0.5
1-021 Malaria	2	-	2	0.0	-	1	1	0.0
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	19	9	28	0.5	15	10	25	0.5
1-025 Remainder of certain infectious and parasitic diseases	117	30	147	2.6	108	28	136	2.8
1-026 Neoplasms	1,843	3,045	4,888	85.5	2,591	3,911	6,502	133.4
1-027 Malignant neoplasm of lip, oral cavity and pharynx	141	58	199	3.5	208	86	294	6.0
1-028 Malignant neoplasm of oesophagus	29	6	35	0.6	38	10	48	1.0
1-029 Malignant neoplasm of stomach	53	44	97	1.7	71	55	126	2.6
1-030 Malignant neoplasm of colon, rectum and anus	295	217	512	9.0	384	300	684	14.0
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	348	128	476	8.3	455	159	614	12.6
1-032 Malignant neoplasm of pancreas	65	38	103	1.8	90	76	166	3.4
1-033 Malignant neoplasm of larynx	14	4	18	0.3	39	2	41	0.8
1-034 Malignant neoplasm of trachea, bronchus and lung	241	137	378	6.6	447	263	710	14.6
1-035 Malignant melanoma of skin	5	5	10	0.2	6	7	13	0.3
1-036 Malignant neoplasm of breast	6	1,173	1,179	20.6	9	1,320	1,329	27.3
1-037 Malignant neoplasm of cervix uteri	-	294	294	5.1	-	367	367	7.5

** 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, 2019

Cause of Death	45-49				50-54			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	108	108	1.9	-	174	174	3.6
1-039 Malignant neoplasm of ovary	-	193	193	3.4	-	272	272	5.6
1-040 Malignant neoplasm of prostate	21	-	21	0.4	65	-	65	1.3
1-041 Malignant neoplasm of bladder	3	11	14	0.2	21	9	30	0.6
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	50	47	97	1.7	57	64	121	2.5
1-043 Non-Hodgkin lymphoma	52	25	77	1.3	77	35	112	2.3
1-044 Multiple myeloma and malignant plasma cell neoplasms	10	13	23	0.4	15	20	35	0.7
1-045 Leukaemia	71	97	168	2.9	74	88	162	3.3
1-046 Remainder of Malignant Neoplasms	329	300	629	11.0	390	401	791	16.2
1-047 Remainder of Neoplasms	110	147	257	4.5	145	203	348	7.1
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	90	97	187	3.3	146	112	258	5.3
1-049 Anaemias	67	78	145	2.5	116	87	203	4.2
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	23	19	42	0.7	30	25	55	1.1
1-051 Endocrine, nutritional and metabolic diseases	1,410	1,041	2,451	42.9	2,131	1,469	3,600	73.9
1-052 Diabetes Mellitus	1,194	802	1,996	34.9	1,890	1,225	3,115	63.9
1-053 Malnutrition	30	27	57	1.0	46	32	78	1.6
1-054 Remainder endocrine, nutritional and metabolic diseases	186	212	398	7.0	195	212	407	8.4
1-055 Mental and behavioral disorders	56	19	75	1.3	60	13	73	1.5
1-056 Mental and behavioral disorder due to psychoactive substance use	36	2	38	0.7	37	2	39	0.8
1-057 Remainder of mental and behavioral disorders	20	17	37	0.6	23	11	34	0.7
1-058 Diseases of the nervous system	280	167	447	7.8	305	167	472	9.7
1-059 Meningitis	32	11	43	0.8	31	12	43	0.9
1-060 Alzheimer's disease	-	-	-	0.0	-	1	1	0.0
1-061 Remainder diseases of the nervous	248	156	404	7.1	274	154	428	8.8
1-062 Diseases of the eye and adnexa	2	3	5	0.1	1	-	1	0.0
1-063 Diseases of the ear and mastoid	2	3	5	0.1	1	1	2	0.0
1-064 Diseases of the circulatory system	8,257	3,564	11,821	206.8	11,252	4,928	16,180	332.1
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	64	117	181	3.2	37	102	139	2.9
1-066 Hypertensive diseases	949	482	1,431	25.0	1,346	716	2,062	42.3
1-067 Ischaemic heart diseases	4,033	1,412	5,445	95.3	5,588	2,031	7,619	156.4

** 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, 2019

Cause of Death	45-49				50-54			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	636	352	988	17.3	826	438	1,264	25.9
1-069 Cerebrovascular diseases	2,510	1,173	3,683	64.4	3,370	1,603	4,973	102.1
1-070 Atherosclerosis	-	-	-	0.0	1	-	1	0.0
1-071 Remainder of diseases of the circulatory system	65	28	93	1.6	84	38	122	2.5
1-072 Diseases of the respiratory system	1,484	846	2,330	40.8	2,246	1,116	3,362	69.0
1-073 Influenza	2	-	2	0.0	1	1	2	0.0
1-074 Pneumonia	874	521	1,395	24.4	1,271	699	1,970	40.4
1-075 Other acute lower respiratory infections	3	-	3	0.1	3	1	4	0.1
1-076 Chronic lower respiratory infections	442	239	681	11.9	765	305	1,070	22.0
1-077 Remainder of diseases of the respiratory system	163	86	249	4.4	206	110	316	6.5
1-078 Diseases of the digestive system	1,471	356	1,827	32.0	1,825	468	2,293	47.1
1-079 Gastric and duodenal ulcer	196	56	252	4.4	288	88	376	7.7
1-080 Diseases of the liver	884	132	1,016	17.8	1,043	195	1,238	25.4
1-081 Remainder of diseases of the digestive system	391	168	559	9.8	494	185	679	13.9
1-082 Diseases of the skin and subcutaneous tissue	95	57	152	2.7	141	65	206	4.2
1-083 Diseases of the musculoskeletal system and connective tissue	160	82	242	4.2	227	66	293	6.0
1-084 Diseases of the genitourinary system	844	502	1,346	23.6	962	568	1,530	31.4
1-085 Glomerular and renal tubulo-interstitial diseases	145	115	260	4.5	110	83	193	4.0
1-086 Remainder of diseases of the genitourinary system	699	387	1,086	19.0	852	485	1,337	27.4
1-087 Pregnancy, chilbirth and the puerperium	-	22	22	0.4	-	2	2	0.0
1-088 Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
1-089 Other direct obstetric deaths	-	8	8	0.1	-	-	-	0.0
1-090 Indirect obstetric deaths	-	10	10	0.2	-	2	2	0.0
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	4	4	0.1	-	-	-	0.0
1-092 Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-	0.0	-	-	-	0.0
1-092b Disorders relating to lenght of gestation and fetal growth	-	-	-	0.0	-	-	-	0.0
1-092c Birth Trauma	-	-	-	0.0	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	45-49				50-54			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	-	-	-	0.0	-	-	-	0.0
1-092f Congenital pneumonia	-	-	-	0.0	-	-	-	0.0
1-092g Other respiratory conditions of newborn	-	-	-	0.0	-	-	-	0.0
1-092h Bacterial sepsis of newborn	-	-	-	0.0	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-	0.0	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-	0.0	-	-	-	0.0
1-092k Remainder of perinatal conditions	-	-	-	0.0	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	45	34	79	1.4	32	36	68	1.4
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	402	158	560	9.8	466	185	651	13.4
1-095 External causes of morbidity and mortality	2,800	465	3,265	57.1	2,429	463	2,892	59.4
1-096 Transport accidents	766	161	927	16.2	681	168	849	17.4
1-096a Land transport accidents	765	161	926	16.2	681	168	849	17.4
1-096b Water Transport accidents	-	-	-	0.0	-	-	-	0.0
1-096c Air and space transport accidents	-	-	-	0.0	-	-	-	0.0
1-096d Other and unspecified transport accidents	1	-	1	0.0	-	-	-	0.0
1-097 Falls	161	18	179	3.1	183	25	208	4.3
1-098 Accidental drowning and submersion	154	21	175	3.1	142	23	165	3.4
1-099 Exposure to smoke, fire and flames	14	10	24	0.4	13	12	25	0.5
1-100 Accidental poisoning by and exposure to noxious substances	61	12	73	1.3	51	10	61	1.3
1-101 Intentional self-harm	155	26	181	3.2	123	21	144	3.0
1-102 Assault	887	83	970	17.0	707	58	765	15.7
1-103 All other external causes	602	134	736	12.9	529	146	675	13.9

** 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, 2019

Cause of Death	55-59				60-64			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	31,837	17,486	49,317	1,200.6	38,128	21,368	59,496	1,840.8
1-001 Certain infectious and parasitic	2,326	852	3,178	77.4	2,749	1,006	3,755	116.2
1-002 Cholera	-	-	-	0.0	-	-	-	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	78	45	123	3.0	93	48	141	4.4
1-004 Other intestinal infectious diseases	15	12	27	0.7	18	13	31	1.0
1-005 Respiratory tuberculosis	1,609	518	2,127	51.8	2,047	633	2,680	82.9
1-006 Other tuberculosis	67	28	95	2.3	56	28	84	2.6
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	35	3	38	0.9	46	9	55	1.7
1-009 Diphtheria	-	-	-	0.0	-	-	-	0.0
1-010 Whooping cough	-	-	-	0.0	-	-	-	0.0
1-011 Meningococcal infection	1	-	1	0.0	-	1	1	0.0
1-012 Sepsis	230	138	368	9.0	263	148	411	12.7
1-013 Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	-	-	0.0
1-014 Acute poliomyelitis	-	-	-	0.0	-	-	-	0.0
1-015 Rabies	11	4	15	0.4	13	1	14	0.4
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	43	20	63	1.5	33	19	52	1.6
1-018 Measles	-	-	-	0.0	-	1	1	0.0
1-019 Viral hepatitis	123	49	172	4.2	76	55	131	4.1
1-020 Human immunodeficiency virus [HIV]	7	5	12	0.3	4	-	4	0.1
1-021 Malaria	2	-	2	0.0	-	1	1	0.0
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	25	13	38	0.9	30	21	51	1.6
1-025 Remainder of certain infectious and parasitic diseases	80	17	97	2.4	70	28	98	3.0
1-026 Neoplasms	3,650	4,454	8,104	197.3	4,592	4,585	9,177	283.9
1-027 Malignant neoplasm of lip, oral cavity and pharynx	235	95	330	8.0	264	94	358	11.1
1-028 Malignant neoplasm of oesophagus	64	11	75	1.8	68	17	85	2.6
1-029 Malignant neoplasm of stomach	114	74	188	4.6	156	98	254	7.9
1-030 Malignant neoplasm of colon, rectum and anus	524	423	947	23.1	655	433	1,088	33.7
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	586	174	760	18.5	717	238	955	29.5
1-032 Malignant neoplasm of pancreas	130	110	240	5.8	150	166	316	9.8
1-033 Malignant neoplasm of larynx	65	14	79	1.9	73	13	86	2.7
1-034 Malignant neoplasm of trachea, bronchus and lung	704	350	1,054	25.7	1,023	450	1,473	45.6
1-035 Malignant melanoma of skin	12	6	18	0.4	16	6	22	0.7
1-036 Malignant neoplasm of breast	16	1,354	1,370	33.4	14	1,209	1,223	37.8
1-037 Malignant neoplasm of cervix uteri	-	324	324	7.9	-	293	293	9.1

** 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, 2019

Cause of Death	55-59				60-64			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	203	203	4.9	-	199	199	6.2
1-039 Malignant neoplasm of ovary	-	290	290	7.1	-	258	258	8.0
1-040 Malignant neoplasm of prostate	140	-	140	3.4	259	-	259	8.0
1-041 Malignant neoplasm of bladder	20	12	32	0.8	39	19	58	1.8
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	75	78	153	3.7	95	67	162	5.0
1-043 Non-Hodgkin lymphoma	107	61	168	4.1	95	85	180	5.6
1-044 Multiple myeloma and malignant plasma cell neoplasms	28	26	54	1.3	21	28	49	1.5
1-045 Leukaemia	98	110	208	5.1	122	101	223	6.9
1-046 Remainder of Malignant Neoplasms	545	508	1,053	25.6	628	591	1,219	37.7
1-047 Remainder of Neoplasms	187	231	418	10.2	197	220	417	12.9
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	159	124	283	6.9	205	146	351	10.9
1-049 Anaemias	133	93	226	5.5	168	112	280	8.7
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	26	31	57	1.4	37	34	71	2.2
1-051 Endocrine, nutritional and metabolic diseases	2,727	2,077	4,804	116.9	3,068	2,626	5,694	176.2
1-052 Diabetes Mellitus	2,459	1,839	4,298	104.6	2,784	2,384	5,168	159.9
1-053 Malnutrition	65	28	93	2.3	88	54	142	4.4
1-054 Remainder endocrine, nutritional and metabolic diseases	203	210	413	10.1	196	188	384	11.9
1-055 Mental and behavioral disorders	49	18	67	1.6	54	25	79	2.4
1-056 Mental and behavioral disorder due to psychoactive substance use	37	4	41	1.0	37	3	40	1.2
1-057 Remainder of mental and behavioral disorders	12	14	26	0.6	17	22	39	1.2
1-058 Diseases of the nervous system	314	189	503	12.2	312	211	523	16.2
1-059 Meningitis	19	9	28	0.7	12	15	27	0.8
1-060 Alzheimer's disease	5	3	8	0.2	7	15	22	0.7
1-061 Remainder diseases of the nervous	290	177	467	11.4	293	181	474	14.7
1-062 Diseases of the eye and adnexa	-	1	1	0.0	2	-	2	0.1
1-063 Diseases of the ear and mastoid	3	2	5	0.1	8	2	10	0.3
1-064 Diseases of the circulatory system	13,408	6,226	19,631	477.9	15,900	8,015	23,915	739.9
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	44	79	123	3.0	32	76	108	3.3
1-066 Hypertensive diseases	1,660	835	2,495	60.7	1,959	1,153	3,112	96.3
1-067 Ischaemic heart diseases	6,577	2,762	9,339	227.4	7,782	3,598	11,380	352.1

** 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, 2019

Cause of Death	55-59				60-64			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	906	503	1,409	34.3	1,097	614	1,711	52.9
1-069 Cerebrovascular diseases	4,105	1,995	6,100	148.5	4,900	2,519	7,419	229.5
1-070 Atherosclerosis	2	1	-	0.0	4	2	6	0.2
1-071 Remainder of diseases of the circulatory system	114	51	165	4.0	126	53	179	5.5
1-072 Diseases of the respiratory system	3,065	1,444	4,506	109.7	5,012	2,192	7,204	222.9
1-073 Influenza	1	2	-	0.0	1	2	3	0.1
1-074 Pneumonia	1,709	926	2,635	64.1	2,559	1,451	4,010	124.1
1-075 Other acute lower respiratory infections	3	1	4	0.1	2	1	3	0.1
1-076 Chronic lower respiratory infections	1,103	371	1,474	35.9	2,123	560	2,683	83.0
1-077 Remainder of diseases of the respiratory system	249	144	393	9.6	327	178	505	15.6
1-078 Diseases of the digestive system	1,947	582	2,529	61.6	2,075	813	2,888	89.4
1-079 Gastric and duodenal ulcer	357	109	466	11.3	437	136	573	17.7
1-080 Diseases of the liver	1,031	233	1,264	30.8	1,043	353	1,396	43.2
1-081 Remainder of diseases of the digestive system	559	240	799	19.5	595	324	919	28.4
1-082 Diseases of the skin and subcutaneous tissue	141	100	241	5.9	158	111	269	8.3
1-083 Diseases of the musculoskeletal system and connective tissue	265	73	338	8.2	314	74	388	12.0
1-084 Diseases of the genitourinary system	1,171	629	1,800	43.8	1,358	778	2,136	66.1
1-085 Glomerular and renal tubulo-interstitial diseases	120	72	192	4.7	131	81	212	6.6
1-086 Remainder of diseases of the genitourinary system	1,051	557	1,608	39.1	1,227	697	1,924	59.5
1-087 Pregnancy, chilbirth and the	-	-	-	0.0	-	-	-	0.0
1-088 Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
1-089 Other direct obstetric deaths	-	-	-	0.0	-	-	-	0.0
1-090 Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
1-092 Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-	0.0	-	-	-	0.0
1-092b Disorders relating to lenght of gestation and fetal growth	-	-	-	0.0	-	-	-	0.0
1-092c Birth Trauma	-	-	-	0.0	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	55-59				60-64			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	-	-	-	0.0	-	-	-	0.0
1-092f Congenital pneumonia	-	-	-	0.0	-	-	-	0.0
1-092g Other respiratory conditions of newborn	-	-	-	0.0	-	-	-	0.0
1-092h Bacterial sepsis of newborn	-	-	-	0.0	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-	0.0	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-	0.0	-	-	-	0.0
1-092k Remainder of perinatal conditions	-	-	-	0.0	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	30	38	68	1.7	27	23	50	1.5
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	512	231	743	18.1	659	300	959	29.7
1-095 External causes of morbidity and mortality	2,070	446	2,516	61.3	1,635	461	2,096	64.8
1-096 Transport accidents	580	158	738	18.0	473	160	633	19.6
1-096a Land transport accidents	579	158	737	17.9	465	160	625	19.3
1-096b Water Transport accidents	-	-	-	0.0	1	-	1	0.0
1-096c Air and space transport accidents	-	-	-	0.0	2	-	2	0.1
1-096d Other and unspecified transport accidents	1	-	1	0.0	5	-	5	0.2
1-097 Falls	158	30	188	4.6	205	49	254	7.9
1-098 Accidental drowning and submersion	132	22	154	3.7	105	24	129	4.0
1-099 Exposure to smoke, fire and flames	13	8	21	0.5	18	3	21	0.6
1-100 Accidental poisoning by and exposure to noxious substances	66	12	78	1.9	51	6	57	1.8
1-101 Intentional self-harm	101	25	126	3.1	87	13	100	3.1
1-102 Assault	496	38	534	13.0	273	31	304	9.4
1-103 All other external causes	524	153	677	16.5	423	175	598	18.5

** 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, 2019

Cause of Death	65-69				70 years and over			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
TOTAL	39,559	24,549	64,108	2,724.8	113,016	129,967	242,983	6,961.9
1-001 Certain infectious and parasitic	2,693	1,156	3,849	163.6	6,092	4,841	10,933	313.2
1-002 Cholera	-	-	-	0.0	-	-	-	0.0
1-003 Diarrhea and gastroenteritis of presumed infectious origin	111	81	192	8.2	320	454	774	22.2
1-004 Other intestinal infectious diseases	7	11	18	0.8	43	44	87	2.5
1-005 Respiratory tuberculosis	2,074	725	2,799	119.0	4,417	2,486	6,903	197.8
1-006 Other tuberculosis	46	25	71	3.0	47	44	91	2.6
1-007 Plague	-	-	-	0.0	-	-	-	0.0
1-008 Tetanus	30	10	40	1.7	49	43	92	2.6
1-009 Diphtheria	-	-	-	0.0	-	-	-	0.0
1-010 Whooping cough	-	-	-	0.0	-	-	-	0.0
1-011 Meningococcal infection	-	1	1	0.0	-	2	2	0.1
1-012 Sepsis	250	198	448	19.0	932	1,448	2,380	68.2
1-013 Infections with a predominantly sexual mode of transmission	-	-	-	0.0	-	1	1	0.0
1-014 Acute poliomyelitis	-	-	-	0.0	-	1	1	0.0
1-015 Rabies	7	1	8	0.3	11	13	24	0.7
1-016 Yellow fever	-	-	-	0.0	-	-	-	0.0
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	29	19	48	2.0	58	61	119	3.4
1-018 Measles	1	-	1	0.0	1	-	1	0.0
1-019 Viral hepatitis	44	41	85	3.6	61	75	136	3.9
1-020 Human immunodeficiency virus [HIV]	6	-	6	0.3	1	-	1	0.0
1-021 Malaria	-	-	-	0.0	1	2	3	0.1
1-022 Leishmaniasis	-	-	-	0.0	-	-	-	0.0
1-023 Trypanosomiasis	-	-	-	0.0	-	-	-	0.0
1-024 Schistosomiasis [bilharziasis]	27	18	45	1.9	64	60	124	3.6
1-025 Remainder of certain infectious and parasitic diseases	61	26	87	3.7	87	107	194	5.6
1-026 Neoplasms	4,917	4,307	9,224	392.0	10,265	9,723	19,988	572.7
1-027 Malignant neoplasm of lip, oral cavity and pharynx	219	120	339	14.4	392	355	747	21.4
1-028 Malignant neoplasm of oesophagus	95	12	107	4.5	136	47	183	5.2
1-029 Malignant neoplasm of stomach	139	89	228	9.7	296	253	549	15.7
1-030 Malignant neoplasm of colon, rectum and anus	721	447	1,168	49.6	1,264	1,295	2,559	73.3
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	658	288	946	40.2	1,118	825	1,943	55.7
1-032 Malignant neoplasm of pancreas	136	176	312	13.3	277	445	722	20.7
1-033 Malignant neoplasm of larynx	102	17	119	5.1	146	31	177	5.1
1-034 Malignant neoplasm of trachea, bronchus and lung	1,149	473	1,622	68.9	2,101	1,162	3,263	93.5
1-035 Malignant melanoma of skin	9	9	18	0.8	43	35	78	2.2
1-036 Malignant neoplasm of breast	11	942	953	40.5	20	1,745	1,765	50.6
1-037 Malignant neoplasm of cervix uteri	-	193	193	8.2	-	289	289	8.3

** 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, 2019

Cause of Death	65-69				70 years and over			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	176	176	7.5	-	290	290	8.3
1-039 Malignant neoplasm of ovary	-	253	253	10.8	-	351	351	10.1
1-040 Malignant neoplasm of prostate	453	-	453	19.3	2,246	-	2,246	64.4
1-041 Malignant neoplasm of bladder	48	17	65	2.8	119	66	185	5.3
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	81	75	156	6.6	106	135	241	6.9
1-043 Non-Hodgkin lymphoma	104	85	189	8.0	180	179	359	10.3
1-044 Multiple myeloma and malignant plasma cell neoplasms	30	38	68	2.9	45	56	101	2.9
1-045 Leukaemia	109	116	225	9.6	228	259	487	14.0
1-046 Remainder of Malignant Neoplasms	587	571	1,158	49.2	1,078	1,317	2,395	68.6
1-047 Remainder of Neoplasms	266	210	476	20.2	470	588	1,058	30.3
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	208	181	389	16.5	616	888	1,504	43.1
1-049 Anaemias	177	153	330	14.0	548	788	1,336	38.3
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	31	28	59	2.5	68	100	168	4.8
1-051 Endocrine, nutritional and metabolic diseases	2,942	2,928	5,870	249.5	6,649	11,146	17,795	509.9
1-052 Diabetes Mellitus	2,620	2,606	5,226	222.1	4,808	7,626	12,434	356.3
1-053 Malnutrition	105	82	187	7.9	842	1,732	2,574	73.7
1-054 Remainder endocrine, nutritional and metabolic diseases	217	240	457	19.4	999	1,788	2,787	79.9
1-055 Mental and behavioral disorders	42	18	60	2.6	180	256	436	12.5
1-056 Mental and behavioral disorder due to psychoactive substance use	28	1	29	1.2	47	8	55	1.6
1-057 Remainder of mental and behavioral disorders	14	17	31	1.3	133	248	381	10.9
1-058 Diseases of the nervous system	300	214	514	21.8	894	1,311	2,205	63.2
1-059 Meningitis	9	9	18	0.8	19	25	44	1.3
1-060 Alzheimer's disease	18	22	40	1.7	238	546	784	22.5
1-061 Remainder diseases of the nervous	273	183	456	19.4	637	740	1,377	39.5
1-062 Diseases of the eye and adnexa	-	-	-	0.0	8	15	23	0.7
1-063 Diseases of the ear and mastoid	-	1	1	0.0	2	4	6	0.2
1-064 Diseases of the circulatory system	16,241	9,803	26,044	1,106.9	42,121	51,671	93,792	2,687.3
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	28	52	80	3.4	38	73	111	3.2
1-066 Hypertensive diseases	2,156	1,400	3,556	151.1	5,745	7,564	13,309	381.3
1-067 Ischaemic heart diseases	7,840	4,430	12,270	521.5	19,537	22,712	42,249	1,210.5

** 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, 2019

Cause of Death	65-69				70 years and over			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-068 Other heart diseases	1,104	774	1,878	79.8	3,838	5,348	9,186	263.2
1-069 Cerebrovascular diseases	4,951	3,066	8,017	340.7	12,422	15,450	27,872	798.6
1-070 Atherosclerosis	5	3	8	0.3	78	148	226	6.5
1-071 Remainder of diseases of the circulatory system	157	78	235	10.0	463	376	839	24.0
1-072 Diseases of the respiratory system	6,533	2,980	9,513	404.3	28,501	28,239	56,740	1,625.7
1-073 Influenza	2	-	2	0.1	16	18	34	1.0
1-074 Pneumonia	3,354	2,000	5,354	227.6	16,864	22,305	39,169	1,122.3
1-075 Other acute lower respiratory infections	4	1	5	0.2	16	19	35	1.0
1-076 Chronic lower respiratory infections	2,799	781	3,580	152.2	10,351	4,407	14,758	422.8
1-077 Remainder of diseases of the respiratory system	374	198	572	24.3	1,254	1,490	2,744	78.6
1-078 Diseases of the digestive system	1,895	969	2,864	121.7	4,057	3,767	7,824	224.2
1-079 Gastric and duodenal ulcer	481	212	693	29.5	1,342	1,121	2,463	70.6
1-080 Diseases of the liver	871	410	1,281	54.4	1,191	1,058	2,249	64.4
1-081 Remainder of diseases of the digestive system	543	347	890	37.8	1,524	1,588	3,112	89.2
1-082 Diseases of the skin and subcutaneous tissue	182	128	310	13.2	686	1,377	2,063	59.1
1-083 Diseases of the musculoskeletal system and connective tissue	256	111	367	15.6	838	875	1,713	49.1
1-084 Diseases of the genitourinary system	1,394	806	2,200	93.5	3,708	3,357	7,065	202.4
1-085 Glomerular and renal tubulo-interstitial diseases	128	80	208	8.8	330	259	589	16.9
1-086 Remainder of diseases of the genitourinary system	1,266	726	1,992	84.7	3,378	3,098	6,476	185.5
1-087 Pregnancy, chilbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
1-088 Pregnancy with abortive outcome	-	-	-	0.0	-	-	-	0.0
1-089 Other direct obstetric deaths	-	-	-	0.0	-	-	-	0.0
1-090 Indirect obstetric deaths	-	-	-	0.0	-	-	-	0.0
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	-	-	0.0	-	-	-	0.0
1-092 Certain conditions originating in the perinatal period	-	-	-	0.0	-	-	-	0.0
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-	0.0	-	-	-	0.0
1-092b Disorders relating to lenght of gestation and fetal growth	-	-	-	0.0	-	-	-	0.0
1-092c Birth Trauma	-	-	-	0.0	-	-	-	0.0
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-	0.0	-	-	-	0.0

** 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, 2019

Cause of Death	65-69				70 years and over			
	Male	Female	Both Sexes	Rate**	Male	Female	Both Sexes	Rate**
1-092e Respiratory distress of newborn	-	-	-	0.0	-	-	-	0.0
1-092f Congenital pneumonia	-	-	-	0.0	-	-	-	0.0
1-092g Other respiratory conditions of newborn	-	-	-	0.0	-	-	-	0.0
1-092h Bacterial sepsis of newborn	-	-	-	0.0	-	-	-	0.0
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-	0.0	-	-	-	0.0
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-	0.0	-	-	-	0.0
1-092k Remainder of perinatal conditions	-	-	-	0.0	-	-	-	0.0
1-093 Congenital malformations, deformations and chromosomal abnormalities	19	15	34	1.4	27	37	64	1.8
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	714	436	1,150	48.9	6,049	9,797	15,846	454.0
1-095 External causes of morbidity and mortality	1,223	496	1,719	73.1	2,323	2,663	4,986	142.9
1-096 Transport accidents	342	166	508	21.6	465	345	810	23.2
1-096a Land transport accidents	342	166	508	21.6	465	343	808	23.2
1-096b Water Transport accidents	-	-	-	0.0	-	-	-	0.0
1-096c Air and space transport accidents	-	-	-	0.0	-	-	-	0.0
1-096d Other and unspecified transport accidents	-	-	-	0.0	-	2	2	0.1
1-097 Falls	160	77	237	10.1	536	827	1,363	39.1
1-098 Accidental drowning and submersion	83	16	99	4.2	120	63	183	5.2
1-099 Exposure to smoke, fire and flames	15	8	23	1.0	37	50	87	2.5
1-100 Accidental poisoning by and exposure to noxious substances	35	1	36	1.5	40	21	61	1.7
1-101 Intentional self-harm	42	12	54	2.3	88	25	113	3.2
1-102 Assault	163	31	194	8.2	130	43	173	5.0
1-103 All other external causes	383	185	568	24.1	907	1,289	2,196	62.9

** 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, 2019

Cause of Death	AGE NOT STATED		
	Male	Female	Both Sexes
TOTAL	77	22	99
1-001 Certain infectious and parasitic	4	4	8
1-002 Cholera	-	-	-
1-003 Diarrhea and gastroenteritis of presumed infectious origin	-	-	-
1-004 Other intestinal infectious diseases	-	-	-
1-005 Respiratory tuberculosis	3	3	6
1-006 Other tuberculosis	-	-	-
1-007 Plague	-	-	-
1-008 Tetanus	-	-	-
1-009 Diphtheria	-	-	-
1-010 Whooping cough	-	-	-
1-011 Meningococcal infection	-	-	-
1-012 Sepsis	1	1	2
1-013 Infections with a predominantly sexual mode of transmission	-	-	-
1-014 Acute poliomyelitis	-	-	-
1-015 Rabies	-	-	-
1-016 Yellow fever	-	-	-
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers	-	-	-
1-018 Measles	-	-	-
1-019 Viral hepatitis	-	-	-
1-020 Human immunodeficiency virus [HIV]	-	-	-
1-021 Malaria	-	-	-
1-022 Leishmaniasis	-	-	-
1-023 Trypanosomiasis	-	-	-
1-024 Schistosomiasis [bilharziasis]	-	-	-
1-025 Remainder of certain infectious and parasitic diseases	-	-	-
1-026 Neoplasms	1	-	1
1-027 Malignant neoplasm of lip, oral cavity and pharynx	-	-	-
1-028 Malignant neoplasm of oesophagus	-	-	-
1-029 Malignant neoplasm of stomach	-	-	-
1-030 Malignant neoplasm of colon, rectum and anus	-	-	-
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	-	-	-
1-032 Malignant neoplasm of pancreas	-	-	-
1-033 Malignant neoplasm of larynx	-	-	-
1-034 Malignant neoplasm of trachea, bronchus and lung	-	-	-
1-035 Malignant melanoma of skin	-	-	-
1-036 Malignant neoplasm of breast	-	-	-
1-037 Malignant neoplasm of cervix uteri	-	-	-

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2019

Cause of Death	AGE NOT STATED		
	Male	Female	Both Sexes
1-038 Malignant neoplasm of other and unspecified parts of uterus	-	-	-
1-039 Malignant neoplasm of ovary	-	-	-
1-040 Malignant neoplasm of prostate	-	-	-
1-041 Malignant neoplasm of bladder	-	-	-
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	-	-	-
1-043 Non-Hodgkin lymphoma	-	-	-
1-044 Multiple myeloma and malignant plasma cell neoplasms	-	-	-
1-045 Leukaemia	1	-	1
1-046 Remainder of Malignant Neoplasms	-	-	-
1-047 Remainder of Neoplasms	-	-	-
1-048 Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	-	-	-
1-049 Anaemias	-	-	-
1-050 Remainder of diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	-	-	-
1-051 Endocrine, nutritional and metabolic diseases	-	1	1
1-052 Diabetes Mellitus	-	-	-
1-053 Malnutrition	-	1	1
1-054 Remainder endocrine, nutritional and metabolic diseases	-	-	-
1-055 Mental and behavioral disorders	1	-	1
1-056 Mental and behavioral disorder due to psychoactive substance use	-	-	-
1-057 Remainder of mental and behavioral disorders	1	-	1
1-058 Diseases of the nervous system	-	-	-
1-059 Meningitis	-	-	-
1-060 Alzheimer's disease	-	-	-
1-061 Remainder diseases of the nervous	-	-	-
1-062 Diseases of the eye and adnexa	-	-	-
1-063 Diseases of the ear and mastoid	-	-	-
1-064 Diseases of the circulatory system	18	5	23
1-065 Acute rheumatic fever and chronic rheumatic heart diseases	-	-	-
1-066 Hypertensive diseases	1	-	1
1-067 Ischaemic heart diseases	7	5	12

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2019

Cause of Death	AGE NOT STATED		
	Male	Female	Both Sexes
1-068 Other heart diseases	5	-	5
1-069 Cerebrovascular diseases	5	-	5
1-070 Atherosclerosis	-	-	-
1-071 Remainder of diseases of the circulatory system	-	-	-
1-072 Diseases of the respiratory system	6	3	9
1-073 Influenza	-	-	-
1-074 Pneumonia	4	1	5
1-075 Other acute lower respiratory infections	-	-	-
1-076 Chronic lower respiratory infections	2	-	2
1-077 Remainder of diseases of the respiratory system	-	2	2
1-078 Diseases of the digestive system	1	1	2
1-079 Gastric and duodenal ulcer	1	-	1
1-080 Diseases of the liver	-	1	1
1-081 Remainder of diseases of the digestive system	-	-	-
1-082 Diseases of the skin and subcutaneous tissue	3	1	4
1-083 Diseases of the musculoskeletal system and connective tissue	-	-	-
1-084 Diseases of the genitourinary system	2	-	2
1-085 Glomerular and renal tubulo-interstitial diseases	-	-	-
1-086 Remainder of diseases of the genitourinary system	2	-	2
1-087 Pregnancy, chilbirth and the	-	-	-
1-088 Pregnancy with abortive outcome	-	-	-
1-089 Other direct obstetric deaths	-	-	-
1-090 Indirect obstetric deaths	-	-	-
1-091 Remainder of pregnancy, chilbirth and the puerperium	-	-	-
1-092 Certain conditions originating in the perinatal period	-	-	-
1-092a Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	-	-
1-092b Disorders relating to lenght of gestation and fetal growth	-	-	-
1-092c Birth Trauma	-	-	-
1-092d Intrauterine hypoxia and birth asphyxia	-	-	-

Table 28

MORTALITY BY CAUSE, AGE GROUP AND SEX
Number and Rate/100,000 Population
Philippines, 2019

Cause of Death	AGE NOT STATED		
	Male	Female	Both Sexes
1-092e Respiratory distress of newborn	-	-	-
1-092f Congenital pneumonia	-	-	-
1-092g Other respiratory conditions of newborn	-	-	-
1-092h Bacterial sepsis of newborn	-	-	-
1-092i Omphalitis of newborn with or without mild haemorrhage	-	-	-
1-092j Haemorrhagic and haematological disorders of fetus and newborn	-	-	-
1-092k Remainder of perinatal conditions	-	-	-
1-093 Congenital malformations, deformations and chromosomal abnormalities	-	-	-
1-094 Symptoms, signs and abnormal clinical and laboratory findings, NEC	4	3	7
1-095 External causes of morbidity and mortality	37	4	41
1-096 Transport accidents	11	2	13
1-096a Land transport accidents	11	2	13
1-096b Water Transport accidents	-	-	-
1-096c Air and space transport accidents	-	-	-
1-096d Other and unspecified transport accidents	-	-	-
1-097 Falls	-	-	-
1-098 Accidental drowning and submersion	2	-	2
1-099 Exposure to smoke, fire and flames	-	1	1
1-100 Accidental poisoning by and exposure to noxious substances	-	-	-
1-101 Intentional self-harm	3	-	3
1-102 Assault	14	-	14
1-103 All other external causes	7	1	8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
	PHILIPPINES	3,769	3.5	23,877	22.3	6,173
NATIONAL CAPITAL REGION	452	3.3	3,836	28.1	716	5.3
City of Manila	98	5.2	1,133	60.1	220	11.7
City of Mandaluyong	21	5.1	121	29.6	20	4.9
City of Marikina	20	4.2	232	48.6	17	3.6
City of Pasig	18	2.3	215	26.9	72	9.0
Quezon City	105	3.4	711	22.9	96	3.1
San Juan	1	0.8	42	32.5	6	4.6
Kalookan City	34	2.0	374	22.3	50	3.0
City of Malabon	11	2.8	72	18.6	3	0.8
Navotas	8	3.0	40	15.1	5	1.9
City of Valenzuela	13	2.0	90	13.7	25	3.8
City of Las Piñas	25	4.0	180	28.9	51	8.2
City of Makati	5	0.8	63	10.2	39	6.3
City of Muntinlupa	27	5.1	228	42.7	46	8.6
City of Parañaque	13	1.8	116	16.5	30	4.3
Pasay City	19	4.3	80	18.1	9	2.0
Pateros	1	1.5	5	7.4	4	5.9
City of Taguig	33	3.9	134	15.7	23	2.7
CORDILLERA ADMINISTRATIVE REGION	51	2.8	176	9.8	43	2.4
Abra	6	2.4	40	16.2	1	0.4
Apayao	2	1.6	13	10.6	4	3.3
Benguet	8	1.7	10	2.1	7	1.5
Ifugao	8	3.8	20	9.6	3	1.4
Kalinga	7	3.2	19	8.7	5	2.3
Mt. Province	9	5.7	6	3.8	5	3.2
Baguio City	11	3.0	68	18.6	18	4.9
REGION I - ILOCOS	177	3.4	1,039	19.9	288	5.5
Ilocos Norte	10	2.3	40	9.1	11	2.5
Ilocos Sur	23	3.9	47	7.9	35	5.9
La Union	15	2.2	110	15.9	12	1.7
Pangasinan	43	1.7	383	15.5	71	2.9
City of Batac	8	14.1	40	70.5	6	10.6
Laoag City	3	2.6	21	18.4	10	8.8
City of Candon	1	1.6	12	19.2	8	12.8
City of Vigan	1	1.8	20	36.0	7	12.6
City of San Fernando	14	11.0	86	67.7	34	26.8
City of Alaminos	3	3.2	24	25.6	13	13.9
Dagupan City	42	23.5	106	59.3	46	25.7
San Carlos City	13	6.6	124	63.0	22	11.2
City of Urdaneta	1	0.7	26	18.7	13	9.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	124	3.4	677	18.7	181	5.0
Batanes	-	0.0	6	33.8	-	0.0
Cagayan	28	2.5	123	11.2	14	1.3
Isabela	24	1.9	219	17.7	45	3.6
Nueva Vizcaya	7	1.5	87	18.2	23	4.8
Quirino	5	2.5	19	9.7	6	3.1
Tuguegarao City	35	21.7	114	70.7	42	26.0
City of Cauayan	11	8.1	30	22.1	18	13.3
Ilagan City	6	3.9	26	17.1	7	4.6
City of Santiago	8	5.7	53	37.5	26	18.4
REGION III - CENTRAL LUZON	351	2.9	2,108	17.4	746	6.2
Aurora	9	4.0	32	14.2	10	4.4
Bataan	8	1.1	127	17.7	7	1.0
Bulacan	61	2.5	309	12.6	102	4.2
Nueva Ecija	22	1.4	117	7.4	58	3.7
Pampanga	15	0.8	189	10.6	50	2.8
Tarlac	22	2.0	135	12.5	48	4.4
Zambales	23	3.6	146	23.1	27	4.3
City of Balanga	11	10.6	72	69.3	31	29.9
City of Malolos	14	5.1	150	54.7	63	23.0
City of Meycauayan	6	2.6	29	12.8	12	5.3
City of San Jose Del Monte	11	1.8	113	18.1	17	2.7
Cabanatuan City	32	9.9	193	59.4	96	29.6
City of Gapan	1	0.8	4	3.4	11	9.3
Science City of Muñoz	-	0.0	4	4.6	1	1.1
Palayan City	-	0.0	2	4.5	-	0.0
San Jose City	5	3.3	21	14.0	8	5.3
Angeles City	13	2.9	109	24.3	40	8.9
Mabalacat City	5	1.8	29	10.6	9	3.3
City of San Fernando	26	7.8	140	41.9	68	20.4
City of Tarlac	50	13.8	98	27.1	62	17.1
Olongapo City	17	6.8	89	35.7	26	10.4
REGION IVA - CALABARZON	419	2.7	3,340	21.2	767	4.9
Batangas	35	1.7	213	10.4	71	3.5
Cavite	32	2.1	255	16.6	37	2.4
Laguna	21	2.0	328	30.5	50	4.6
Quezon	55	3.0	313	16.9	52	2.8
Rizal	55	2.4	559	24.3	87	3.8
Batangas City	24	6.6	222	61.2	62	17.1
Lipa City	6	1.6	111	30.4	22	6.0
City of Tanauan	8	4.2	38	19.9	19	10.0
Bacoor City	8	1.2	83	12.4	13	1.9
Cavite City	3	2.6	28	24.4	4	3.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	25	3.4	182	24.7	31	4.2
City of General Trias	2	0.6	46	13.1	17	4.8
Imus City	6	1.3	43	9.5	16	3.5
Tagaytay City	1	1.3	10	12.6	2	2.5
Trece Martires City	19	10.9	89	51.1	42	24.1
City of Biñan	8	2.2	17	4.7	18	5.0
Cabuyao City	6	1.8	38	11.4	3	0.9
City of Calamba	21	4.3	153	31.1	12	2.4
San Pablo City	13	4.5	95	33.0	18	6.2
City of San Pedro	2	0.6	56	15.9	65	18.4
City of Santa Rosa	7	1.8	69	18.0	26	6.8
Lucena City	3	2.9	21	20.0	4	3.8
City of Tayabas	30	10.7	132	47.1	76	27.1
City of Antipolo	29	3.4	239	28.2	20	2.4
REGION IVB - MIMAROPA	150	4.8	929	29.6	145	4.6
Marinduque	7	2.9	69	28.8	15	6.3
Occidental Mindoro	39	7.6	187	36.7	11	2.2
Oriental Mindoro	9	1.2	190	25.4	15	2.0
Palawan	53	5.8	134	14.6	26	2.8
Romblon	20	6.7	121	40.4	10	3.3
Calapan City	10	7.1	150	106.2	29	20.5
Puerto Princesa City	12	4.3	78	28.3	39	14.1
REGION V - BICOL	246	4.1	1,917	31.6	290	4.8
Albay	24	2.6	247	26.9	51	5.6
Camarines Norte	30	4.9	248	40.3	20	3.3
Camarines Sur	26	1.5	378	22.0	35	2.0
Catanduanes	11	4.1	81	29.9	5	1.8
Masbate	41	4.9	141	17.0	42	5.1
Sorsogon	6	0.9	111	16.9	17	2.6
Legazpi City	11	5.3	102	49.4	22	10.7
City of Ligao	6	5.1	59	50.4	10	8.5
City of Tabaco	3	2.1	60	42.7	8	5.7
Iriga City	4	3.4	40	34.3	6	5.1
Naga City	55	26.9	219	107.0	26	12.7
City of Masbate	23	23.2	97	97.7	36	36.3
City of Sorsogon	6	3.4	134	75.6	12	6.8
REGION VI - WESTERN VISAYAS	394	5.0	2,577	32.9	682	8.7
Aklan	16	2.7	124	20.7	51	8.5
Antique	23	3.8	123	20.3	27	4.4
Capiz	16	2.6	77	12.4	46	7.4
Guimaras	10	5.5	26	14.2	-	0.0
Iloilo	57	2.9	434	22.3	131	6.7
Negros Occidental	33	3.0	337	30.9	34	3.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	11	6.3	68	39.0	24	13.8
Iloilo City	39	8.3	191	40.7	118	25.1
City of Passi	2	2.4	39	46.2	4	4.7
Bacolod City	99	17.1	416	71.8	148	25.6
Bago City	8	4.5	87	49.4	3	1.7
Cadiz City	12	7.5	79	49.5	3	1.9
City of Escalante	3	3.1	47	48.5	11	11.3
City of Himamaylan	5	4.5	54	49.0	3	2.7
City of Kabankalan	8	4.3	100	53.3	22	11.7
La Carlota City	4	6.0	44	66.2	5	7.5
Sagay City	7	4.6	77	51.1	9	6.0
San Carlos City	15	11.0	37	27.1	13	9.5
Silay City	17	13.0	114	87.1	16	12.2
City of Sipalay	1	1.4	34	47.1	11	15.2
City of Talisay	3	2.8	28	26.6	1	0.9
City of Victorias	5	5.5	41	45.2	2	2.2
REGION VII - CENTRAL VISAYAS	344	4.4	1,476	18.8	545	6.9
Bohol	37	3.0	142	11.4	39	3.1
Cebu	48	2.1	213	9.4	92	4.1
Negros Oriental	20	2.4	101	12.3	47	5.7
Siquijor	6	6.0	12	12.0	9	9.0
Tagbilaran City	14	12.9	61	56.3	22	20.3
City of Bogo	5	5.9	20	23.7	18	21.3
City of Carcar	6	4.6	22	17.0	12	9.3
Cebu City	106	10.6	518	52.0	96	9.6
Danao City	8	5.4	36	24.4	8	5.4
Lapu-Lapu City	15	3.4	44	10.0	18	4.1
Mandaue City	6	1.5	25	6.4	21	5.4
City of Naga	1	0.8	17	13.6	3	2.4
City of Talisay	9	3.7	42	17.1	23	9.4
Toledo City	7	3.8	14	7.6	4	2.2
Bais City	1	1.3	16	20.3	5	6.4
City of Bayawan	6	4.9	26	21.4	4	3.3
Canlaon City	2	3.6	18	32.0	3	5.3
Dumaguete City	42	31.0	109	80.5	73	53.9
City of Guihulngan	5	5.1	25	25.3	46	46.5
City of Tanjay	-	0.0	15	18.1	2	2.4
REGION VIII - EASTERN VISAYAS	163	3.5	1,095	23.4	286	6.1
Biliran	11	6.2	53	29.8	12	6.7
Eastern Samar	9	2.1	70	16.6	20	4.7
Leyte	34	2.3	324	21.8	45	3.0
Northern Samar	28	4.2	143	21.6	39	5.9
Samar	19	3.7	63	12.3	3	0.6
Southern Leyte	7	2.0	68	19.4	17	4.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	3	4.1	13	17.7	6	8.2
City of Baybay	6	5.2	34	29.2	1	0.9
Ormoc City	7	3.1	64	28.0	17	7.4
Tacloban City	21	8.2	170	66.0	88	34.2
Calbayog City	10	5.2	52	27.1	17	8.9
City of Catbalogan	3	2.8	22	20.3	7	6.5
City of Maasin	5	5.6	19	21.3	14	15.7
REGION IX - ZAMBOANGA PENINSULA	162	4.3	862	23.0	264	7.0
Zamboanga Del Norte	15	1.8	112	13.6	45	5.5
Zamboanga Del Sur	26	3.1	158	19.0	17	2.0
Zamboanga Sibugay	21	3.1	150	22.4	27	4.0
Dapitan City	3	3.5	36	42.5	1	1.2
Dipolog City	10	7.4	72	53.5	60	44.6
City of Isabela	3	2.4	31	24.8	7	5.6
Pagadian City	11	5.4	78	38.3	24	11.8
Zamboanga City	73	8.3	225	25.5	83	9.4
REGION X - NORTHERN MINDANAO	212	4.3	943	19.0	305	6.2
Bukidnon	49	4.4	115	10.4	53	4.8
Camiguin	3	3.3	18	19.6	5	5.5
Lanao del Norte	18	2.5	147	20.5	22	3.1
Misamis Occidental	7	2.1	49	14.5	13	3.9
Misamis Oriental	9	1.2	62	8.1	15	2.0
City of Malaybalay	23	12.5	36	19.5	17	9.2
City of Valencia	9	4.4	17	8.4	22	10.8
Iligan City	13	3.6	91	25.0	24	6.6
Oroquieta City	8	10.9	31	42.4	13	17.8
Ozamis City	14	9.5	112	76.4	33	22.5
Tangub City	-	0.0	21	32.2	2	3.1
Cagayan de Oro City	48	6.7	221	30.7	64	8.9
City of El Salvador	1	1.9	5	9.3	1	1.9
Gingoog City	10	7.5	18	13.5	21	15.8
REGION XI - DAVAO	222	4.3	1,140	21.9	343	6.6
Compostela Valley	9	1.2	118	15.4	15	2.0
Davao	21	4.3	53	11.0	12	2.5
Davao Del Sur	10	2.0	53	10.5	40	7.9
Davao Oriental	11	2.5	60	13.5	11	2.5
Davao Occidental	13	3.9	21	6.3	10	3.0
City of Panabo	5	2.6	19	10.0	9	4.7
Island Garden City of Samal	2	1.9	20	18.6	2	1.9
City of Tagum	49	18.3	223	83.3	66	24.6
Davao City	84	4.7	483	27.2	145	8.2
City of Digos	12	6.5	44	23.9	10	5.4
City of Mati	6	4.0	46	30.7	23	15.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Intestinal Infectious Disease (A00-A09)		TB All Forms (A15-A19)		Septicemia (A40-A41)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	148	3.1	959	19.8	309	6.4
Cotabato	27	1.9	183	12.6	93	6.4
Saranggani	24	4.2	71	12.3	9	1.6
South Cotabato	8	1.0	86	10.8	16	2.0
Sultan Kudarat	12	1.6	91	12.2	19	2.6
Cotabato City	7	2.3	21	6.8	5	1.6
City of Kidapawan	8	17.2	67	144.1	32	68.8
General Santos City	45	7.1	297	46.6	79	12.4
City of Koronadal	16	8.5	113	60.2	43	22.9
City of Tacurong	1	1.0	30	29.3	13	12.7
REGION XIII - CARAGA	116	4.3	693	25.4	237	8.7
Agusan del Norte	3	0.5	50	8.1	32	5.2
Agusan del Sur	16	2.6	97	15.6	19	3.1
Surigao del Norte	10	2.8	72	20.3	9	2.5
Surigao del Sur	20	4.4	93	20.3	39	8.5
Dinagat Island	3	2.3	31	23.8	6	4.6
Butuan City	25	26.3	128	134.9	59	62.2
City of Cabadbaran	3	14.7	22	107.6	14	68.5
City of Bayugan	2	1.9	13	12.1	3	2.8
Surigao City	20	12.1	111	67.3	39	23.6
City of Bislig	3	3.0	23	23.4	5	5.1
City of Tandag	11	18.8	53	90.7	12	20.5
BARMM	38	0.9	110	2.7	26	0.6
Basilan	1	0.3	7	1.9	3	0.8
Lanao del Sur	4	0.4	15	1.7	6	0.7
Maguindanao	10	0.8	38	2.9	5	0.4
Sulu	7	0.8	19	2.1	2	0.2
Tawi-tawi	8	2.0	8	2.0	2	0.5
City of Lamitan	1	13.2	13	171.9	4	52.9
Marawi City	7	3.2	10	4.6	4	1.8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Rabies		Other arthropod-borne viral fevers and viral haemorrhagic fevers		HIV Disease	
	(A82)		(A92-A94; A96-A99)		(B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	283	0.3	2,777	2.6	878	0.8
NATIONAL CAPITAL REGION	60	0.4	428	3.1	315	2.3
City of Manila	39	2.1	88	4.7	167	8.9
City of Mandaluyong	-	0.0	5	1.2	6	1.5
City of Marikina	-	0.0	19	4.0	9	1.9
City of Pasig	-	0.0	29	3.6	10	1.3
Quezon City	1	0.0	157	5.1	43	1.4
San Juan	-	0.0	4	3.1	1	0.8
Kalookan City	-	0.0	25	1.5	18	1.1
City of Malabon	-	0.0	2	0.5	-	0.0
Navotas	-	0.0	-	0.0	-	0.0
City of Valenzuela	-	0.0	14	2.1	-	0.0
City of Las Piñas	-	0.0	18	2.9	6	1.0
City of Makati	-	0.0	13	2.1	4	0.6
City of Muntinlupa	20	3.7	26	4.9	47	8.8
City of Parañaque	-	0.0	10	1.4	-	0.0
Pasay City	-	0.0	4	0.9	1	0.2
Pateros	-	0.0	-	0.0	-	0.0
City of Taguig	-	0.0	14	1.6	3	0.4
CORDILLERA ADMINISTRATIVE REGION	3	0.2	25	1.4	10	0.6
Abra	1	0.4	2	0.8	-	0.0
Apayao	-	0.0	4	3.3	1	0.8
Benguet	-	0.0	2	0.4	-	0.0
Ifugao	-	0.0	1	0.5	-	0.0
Kalinga	1	0.5	2	0.9	-	0.0
Mt. Province	-	0.0	1	0.6	-	0.0
Baguio City	1	0.3	13	3.6	9	2.5
REGION I - ILOCOS	21	0.4	88	1.7	29	0.6
Ilocos Norte	-	0.0	-	0.0	-	0.0
Ilocos Sur	-	0.0	8	1.3	5	0.8
La Union	1	0.1	1	0.1	-	0.0
Pangasinan	2	0.1	6	0.2	3	0.1
City of Batac	-	0.0	16	28.2	-	0.0
Laoag City	1	0.9	4	3.5	-	0.0
City of Candon	-	0.0	-	0.0	-	0.0
City of Vigan	-	0.0	2	3.6	1	1.8
City of San Fernando	7	5.5	13	10.2	13	10.2
City of Alaminos	-	0.0	1	1.1	-	0.0
Dagupan City	7	3.9	23	12.9	6	3.4
San Carlos City	3	1.5	6	3.1	1	0.5
City of Urdaneta	-	0.0	8	5.8	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Rabies		Other arthropod-borne viral fevers and viral haemorrhagic fevers		HIV Disease	
	(A82)		(A92-A94; A96-A99)		(B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	15	0.4	122	3.4	13	0.4
Batanes	-	0.0	-	0.0	-	0.0
Cagayan	1	0.1	5	0.5	-	0.0
Isabela	-	0.0	11	0.9	1	0.1
Nueva Vizcaya	2	0.4	9	1.9	-	0.0
Quirino	-	0.0	6	3.1	-	0.0
Tuguegarao City	10	6.2	56	34.7	11	6.8
City of Cauayan	-	0.0	3	2.2	1	0.7
Ilagan City	-	0.0	1	0.7	-	0.0
City of Santiago	2	1.4	31	22.0	-	0.0
REGION III - CENTRAL LUZON	17	0.1	165	1.4	80	0.7
Aurora	4	1.8	1	0.4	-	0.0
Bataan	-	0.0	1	0.1	2	0.3
Bulacan	-	0.0	14	0.6	4	0.2
Nueva Ecija	1	0.1	4	0.3	-	0.0
Pampanga	-	0.0	9	0.5	2	0.1
Tarlac	1	0.1	12	1.1	2	0.2
Zambales	1	0.2	6	0.9	6	0.9
City of Balanga	1	1.0	7	6.7	1	1.0
City of Malolos	2	0.7	14	5.1	14	5.1
City of Meycauayan	-	0.0	4	1.8	-	0.0
City of San Jose Del Monte	-	0.0	3	0.5	3	0.5
Cabanatuan City	-	0.0	44	13.5	8	2.5
City of Gapan	-	0.0	-	0.0	-	0.0
Science City of Muñoz	-	0.0	-	0.0	-	0.0
Palayan City	-	0.0	-	0.0	-	0.0
San Jose City	1	0.7	-	0.0	-	0.0
Angeles City	-	0.0	5	1.1	4	0.9
Mabalacat City	-	0.0	2	0.7	-	0.0
City of San Fernando	1	0.3	14	4.2	23	6.9
City of Tarlac	3	0.8	18	5.0	3	0.8
Olongapo City	2	0.8	7	2.8	8	3.2
REGION IVA - CALABARZON	8	0.1	381	2.4	60	0.4
Batangas	-	0.0	27	1.3	3	0.1
Cavite	-	0.0	6	0.4	3	0.2
Laguna	-	0.0	26	2.4	4	0.4
Quezon	2	0.1	20	1.1	-	0.0
Rizal	1	0.0	30	1.3	4	0.2
Batangas City	-	0.0	37	10.2	7	1.9
Lipa City	1	0.3	12	3.3	1	0.3
City of Tanauan	-	0.0	5	2.6	-	0.0
Bacoor City	-	0.0	1	0.1	4	0.6
Cavite City	-	0.0	1	0.9	1	0.9

Table 29

SELECTED CAUSES OF DEATH
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Number and Rate/100,000 Population
Philippines, 2019

AREA	Rabies		Other arthropod-borne viral fevers and viral haemorrhagic fevers		HIV Disease	
	(A82)		(A92-A94; A96-A99)		(B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	2	0.3	38	5.2	4	0.5
City of General Trias	-	0.0	9	2.6	1	0.3
Imus City	-	0.0	4	0.9	2	0.4
Tagaytay City	-	0.0	1	1.3	-	0.0
Trece Martires City	-	0.0	18	10.3	8	4.6
City of Biñan	1	0.3	11	3.1	2	0.6
Cabuyao City	-	0.0	7	2.1	1	0.3
City of Calamba	-	0.0	20	4.1	4	0.8
San Pablo City	-	0.0	11	3.8	1	0.3
City of San Pedro	-	0.0	3	0.9	1	0.3
City of Santa Rosa	-	0.0	16	4.2	1	0.3
Lucena City	-	0.0	2	1.9	1	1.0
City of Tayabas	1	0.4	61	21.8	4	1.4
City of Antipolo	-	0.0	15	1.8	3	0.4
REGION IVB - MIMAROPA	6	0.2	68	2.2	17	0.5
Marinduque	-	0.0	2	0.8	-	0.0
Occidental Mindoro	-	0.0	4	0.8	5	1.0
Oriental Mindoro	3	0.4	7	0.9	1	0.1
Palawan	2	0.2	15	1.6	2	0.2
Romblon	-	0.0	8	2.7	1	0.3
Calapan City	1	0.7	22	15.6	3	2.1
Puerto Princesa City	-	0.0	10	3.6	5	1.8
REGION V - BICOL	25	0.4	161	2.7	28	0.5
Albay	7	0.8	28	3.1	9	1.0
Camarines Norte	3	0.5	17	2.8	1	0.2
Camarines Sur	2	0.1	8	0.5	1	0.1
Catanduanes	-	0.0	11	4.1	-	0.0
Masbate	-	0.0	4	0.5	-	0.0
Sorsogon	1	0.2	2	0.3	3	0.5
Legazpi City	2	1.0	12	5.8	9	4.4
City of Ligao	-	0.0	5	4.3	1	0.9
City of Tabaco	-	0.0	3	2.1	2	1.4
Iriga City	-	0.0	4	3.4	-	0.0
Naga City	7	3.4	48	23.4	1	0.5
City of Masbate	-	0.0	9	9.1	-	0.0
City of Sorsogon	3	1.7	10	5.6	1	0.6
REGION VI - WESTERN VISAYAS	22	0.3	264	3.4	65	0.8
Aklan	4	0.7	18	3.0	2	0.3
Antique	1	0.2	14	2.3	8	1.3
Capiz	3	0.5	6	1.0	3	0.5
Guimaras	-	0.0	2	1.1	-	0.0
Iloilo	5	0.3	28	1.4	4	0.2
Negros Occidental	-	0.0	4	0.4	2	0.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Rabies		Other arthropod-borne viral fevers and viral haemorrhagic fevers		HIV Disease	
	(A82)		(A92-A94; A96-A99)		(B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	1	0.6	23	13.2	2	1.1
Iloilo City	-	0.0	98	20.9	27	5.8
City of Passi	-	0.0	-	0.0	1	1.2
Bacolod City	8	1.4	45	7.8	16	2.8
Bago City	-	0.0	3	1.7	-	0.0
Cadiz City	-	0.0	2	1.3	-	0.0
City of Escalante	-	0.0	2	2.1	-	0.0
City of Himamaylan	-	0.0	1	0.9	-	0.0
City of Kabankalan	-	0.0	7	3.7	-	0.0
La Carlota City	-	0.0	-	0.0	-	0.0
Sagay City	-	0.0	3	2.0	-	0.0
San Carlos City	-	0.0	3	2.2	-	0.0
Silay City	-	0.0	4	3.1	-	0.0
City of Sipalay	-	0.0	1	1.4	-	0.0
City of Talisay	-	0.0	-	0.0	-	0.0
City of Victorias	-	0.0	-	0.0	-	0.0
REGION VII - CENTRAL VISAYAS	18	0.2	243	3.1	122	1.6
Bohol	2	0.2	3	0.2	-	0.0
Cebu	3	0.1	17	0.8	6	0.3
Negros Oriental	-	0.0	3	0.4	-	0.0
Siquijor	-	0.0	1	1.0	-	0.0
Tagbilaran City	2	1.8	47	43.4	9	8.3
City of Bogo	-	0.0	4	4.7	-	0.0
City of Carcar	-	0.0	1	0.8	1	0.8
Cebu City	7	0.7	99	9.9	97	9.7
Danao City	-	0.0	4	2.7	-	0.0
Lapu-Lapu City	-	0.0	4	0.9	1	0.2
Mandaue City	-	0.0	13	3.3	5	1.3
City of Naga	-	0.0	2	1.6	-	0.0
City of Talisay	-	0.0	12	4.9	2	0.8
Toledo City	-	0.0	3	1.6	-	0.0
Bais City	2	2.5	-	0.0	-	0.0
City of Bayawan	-	0.0	1	0.8	-	0.0
Canlaon City	-	0.0	-	0.0	-	0.0
Dumaguete City	2	1.5	27	19.9	1	0.7
City of Guihulngan	-	0.0	2	2.0	-	0.0
City of Tanjay	-	0.0	-	0.0	-	0.0
REGION VIII - EASTERN VISAYAS	6	0.1	87	1.9	26	0.6
Biliran	-	0.0	-	0.0	1	0.6
Eastern Samar	1	0.2	2	0.5	-	0.0
Leyte	-	0.0	6	0.4	4	0.3
Northern Samar	1	0.2	9	1.4	5	0.8
Samar	-	0.0	1	0.2	1	0.2
Southern Leyte	-	0.0	3	0.9	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Rabies		Other arthropod-borne viral fevers and viral haemorrhagic fevers		HIV Disease	
	(A82)		(A92-A94; A96-A99)		(B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan		0.0	3	4.1	-	0.0
City of Baybay	1	0.9	-	0.0	-	0.0
Ormoc City	-	0.0	8	3.5	1	0.4
Tacloban City	2	0.8	51	19.8	13	5.1
Calbayog City	1	0.5	-	0.0	-	0.0
City of Catbalogan	-	0.0	1	0.9	-	0.0
City of Maasin	-	0.0	3	3.4	1	1.1
REGION IX - ZAMBOANGA PENINSULA	20	0.5	185	4.9	15	0.4
Zamboanga Del Norte	4	0.5	8	1.0	-	0.0
Zamboanga Del Sur	2	0.2	20	2.4	1	0.1
Zamboanga Sibugay	6	0.9	12	1.8	-	0.0
Dapitan City	-	0.0	1	1.2	2	2.4
Dipolog City	2	1.5	55	40.9	2	1.5
City of Isabela	-	0.0	1	0.8	-	0.0
Pagadian City	3	1.5	29	14.2	-	0.0
Zamboanga City	3	0.3	59	6.7	10	1.1
REGION X - NORTHERN MINDANAO	22	0.4	201	4.1	13	0.3
Bukidnon	2	0.2	7	0.6	2	0.2
Camiguin	-	0.0	3	3.3	-	0.0
Lanao del Norte	1	0.1	7	1.0	1	0.1
Misamis Occidental	2	0.6	1	0.3	-	0.0
Misamis Oriental	1	0.1	3	0.4	-	0.0
City of Malaybalay	2	1.1	12	6.5	1	0.5
City of Valencia		0.0	12	5.9	-	0.0
Iligan City	1	0.3	30	8.3	4	1.1
Oroquieta City	1	1.4	7	9.6	-	0.0
Ozamis City	4	2.7	29	19.8	-	0.0
Tangub City	1	1.5	-	0.0	-	0.0
Cagayan de Oro City	7	1.0	87	12.1	5	0.7
City of El Salvador	-	0.0	-	0.0	-	0.0
Gingoog City	-	0.0	3	2.3	-	0.0
REGION XI - DAVAO	17	0.3	162	3.1	65	1.2
Compostela Valley	-	0.0	5	0.7	2	0.3
Davao	-	0.0	6	1.2	-	0.0
Davao Del Sur	-	0.0	-	0.0	1	0.2
Davao Oriental	-	0.0	2	0.5	-	0.0
Davao Occidental	-	0.0	-	0.0	-	0.0
City of Panabo	1	0.5	2	1.0	-	0.0
Island Garden City of Samal		0.0	1	0.9	-	0.0
City of Tagum	1	0.4	35	13.1	18	6.7
Davao City	12	0.7	107	6.0	43	2.4
City of Digos	-	0.0	2	1.1	1	0.5
City of Mati	3	2.0	2	1.3	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Rabies		Other arthropod-borne viral fevers and viral haemorrhagic fevers		HIV Disease	
	(A82)		(A92-A94; A96-A99)		(B20-B24)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	19	0.4	140	2.9	15	0.3
Cotabato	1	0.1	12	0.8	1	0.1
Saranggani	3	0.5	2	0.3	-	0.0
South Cotabato	1	0.1	11	1.4	1	0.1
Sultan Kudarat	1	0.1	9	1.2	-	0.0
Cotabato City	2	0.7	9	2.9	1	0.3
City of Kidapawan	2	4.3	11	23.7	-	0.0
General Santos City	3	0.5	37	5.8	5	0.8
City of Koronadal	6	3.2	35	18.6	7	3.7
City of Tacurong	-	0.0	14	13.7	-	0.0
REGION XIII - CARAGA	4	0.1	51	1.9	3	0.1
Agusan del Norte	-	0.0	-	0.0	-	0.0
Agusan del Sur	1	0.2	8	1.3	-	0.0
Surigao del Norte	-	0.0	2	0.6	1	0.3
Surigao del Sur	-	0.0	3	0.7	-	0.0
Dinagat Island	-	0.0	-	0.0	-	0.0
Butuan City	2	2.1	21	22.1	-	0.0
City of Cabadbaran	-	0.0	1	4.9	-	0.0
City of Bayugan	-	0.0	-	0.0	-	0.0
Surigao City	1	0.6	14	8.5	1	0.6
City of Bislig	-	0.0	-	0.0	-	0.0
City of Tandag	-	0.0	2	3.4	1	1.7
BARMM	0.0	6	0.1	2	0.0	
Basilan	-	0.0	-	0.0	-	0.0
Lanao del Sur	-	0.0	-	0.0	-	0.0
Maguindanao	-	0.0	5	0.4	-	0.0
Sulu	-	0.0	1	0.1	-	0.0
Tawi-tawi	-	0.0	-	0.0	1	0.2
City of Lamitan	-	0.0	-	0.0	-	0.0
Marawi City	-	0.0	-	0.0	1	0.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malaria		Malignant Neoplasm		Diabetes Mellitus	
	(B50-B54)		(C00-C97)		(E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	14	0.0	64,815	60.4	34,570	32.2
NATIONAL CAPITAL REGION	3	0.0	12,239	89.8	5,161	37.9
City of Manila	2	0.1	2,901	153.9	907	48.1
City of Mandaluyong	-	0.0	205	50.1	157	38.4
City of Marikina	-	0.0	552	115.7	288	60.4
City of Pasig	-	0.0	826	103.3	351	43.9
Quezon City	1	0.0	3,728	119.9	1,373	44.2
San Juan	-	0.0	217	167.8	55	42.5
Kalookan City	-	0.0	670	40.0	336	20.0
City of Malabon	-	0.0	138	35.7	84	21.7
Navotas	-	0.0	134	50.7	82	31.0
City of Valenzuela	-	0.0	363	55.3	179	27.3
City of Las Piñas	-	0.0	509	81.6	319	51.2
City of Makati	-	0.0	492	79.8	134	21.7
City of Muntinlupa	-	0.0	438	82.0	196	36.7
City of Parañaque	-	0.0	320	45.4	278	39.4
Pasay City	-	0.0	248	56.2	142	32.2
Pateros	-	0.0	53	78.4	21	31.1
City of Taguig	-	0.0	445	52.2	259	30.4
CORDILLERA ADMINISTRATIVE REGION	-	0.0	1,253	69.9	395	22.0
Abra	-	0.0	164	66.6	62	25.2
Apayao	-	0.0	52	42.3	29	23.6
Benguet	-	0.0	283	59.9	84	17.8
Ifugao	-	0.0	94	44.9	24	11.5
Kalinga	-	0.0	72	32.9	27	12.3
Mt. Province	-	0.0	89	56.9	26	16.6
Baguio City	-	0.0	499	136.6	143	39.1
REGION I - ILOCOS	-	0.0	3,729	71.4	1,847	35.3
Ilocos Norte	-	0.0	279	63.6	67	15.3
Ilocos Sur	-	0.0	417	70.3	188	31.7
La Union	-	0.0	390	56.2	150	21.6
Pangasinan	-	0.0	1,236	49.9	705	28.5
City of Batac	-	0.0	186	327.7	56	98.7
Laoag City	-	0.0	134	117.3	49	42.9
City of Candon	-	0.0	61	97.6	24	38.4
City of Vigan	-	0.0	56	100.8	44	79.2
City of San Fernando	-	0.0	323	254.2	112	88.1
City of Alaminos	-	0.0	53	56.6	34	36.3
Dagupan City	-	0.0	354	198.1	214	119.8
San Carlos City	-	0.0	160	81.3	148	75.2
City of Urdaneta	-	0.0	80	57.7	56	40.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malaria		Malignant Neoplasm		Diabetes Mellitus	
	(B50-B54)		(C00-C97)		(E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	-	0.0	2,390	66.0	754	20.8
Batanes	-	0.0	14	78.9	10	56.4
Cagayan	-	0.0	533	48.5	165	15.0
Isabela	-	0.0	677	54.6	212	17.1
Nueva Vizcaya	-	0.0	323	67.7	98	20.5
Quirino	-	0.0	112	57.1	23	11.7
Tuguegarao City	-	0.0	364	225.8	113	70.1
City of Cauayan	-	0.0	98	72.3	43	31.7
Ilagan City	-	0.0	84	55.1	24	15.7
City of Santiago	-	0.0	185	131.0	66	46.7
REGION III - CENTRAL LUZON	1	0.0	7,994	66.0	4,782	39.5
Aurora	-	0.0	107	47.5	55	24.4
Bataan	-	0.0	345	48.0	216	30.1
Bulacan	-	0.0	1,403	57.2	875	35.6
Nueva Ecija	-	0.0	879	55.4	382	24.1
Pampanga	-	0.0	992	55.5	640	35.8
Tarlac	-	0.0	636	58.8	318	29.4
Zambales	-	0.0	410	64.9	178	28.2
City of Balanga	-	0.0	218	210.0	139	133.9
City of Malolos	-	0.0	320	116.7	233	85.0
City of Meycauayan	-	0.0	119	52.3	73	32.1
City of San Jose Del Monte	-	0.0	240	38.4	148	23.7
Cabanatuan City	-	0.0	422	129.9	271	83.4
City of Gapan	-	0.0	109	91.9	52	43.9
Science City of Muñoz	-	0.0	40	45.7	29	33.1
Palayan City	-	0.0	15	34.0	7	15.9
San Jose City	-	0.0	102	67.9	65	43.3
Angeles City	1	0.2	374	83.5	215	48.0
Mabalacat City	-	0.0	190	69.6	109	39.9
City of San Fernando	-	0.0	449	134.5	331	99.1
City of Tarlac	-	0.0	338	93.4	285	78.8
Olongapo City	-	0.0	286	114.7	161	64.6
REGION IVA - CALABARZON	1	0.0	8,600	54.6	5,744	36.5
Batangas	-	0.0	1,216	59.5	693	33.9
Cavite	-	0.0	836	54.6	522	34.1
Laguna	-	0.0	582	54.1	574	53.4
Quezon	-	0.0	839	45.4	378	20.4
Rizal	-	0.0	956	41.5	665	28.9
Batangas City	-	0.0	392	108.1	296	81.6
Lipa City	-	0.0	310	84.9	159	43.5
City of Tanauan	-	0.0	110	57.7	92	48.3
Bacoor City	-	0.0	257	38.3	159	23.7
Cavite City	-	0.0	68	59.2	67	58.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malaria		Malignant Neoplasm		Diabetes Mellitus	
	(B50-B54)		(C00-C97)		(E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	-	0.0	418	56.7	332	45.1
City of General Trias	-	0.0	158	45.0	152	43.3
Imus City	-	0.0	227	50.3	155	34.3
Tagaytay City	-	0.0	51	64.1	35	44.0
Trece Martires City	1	0.6	106	60.9	84	48.3
City of Biñan	-	0.0	225	62.4	138	38.3
Cabuyao City	-	0.0	153	45.8	124	37.1
City of Calamba	-	0.0	248	50.4	182	37.0
San Pablo City	-	0.0	237	82.3	200	69.4
City of San Pedro	-	0.0	149	42.2	80	22.7
City of Santa Rosa	-	0.0	258	67.3	163	42.5
Lucena City	-	0.0	55	52.4	20	19.0
City of Tayabas	-	0.0	324	115.6	167	59.6
City of Antipolo	-	0.0	425	50.1	307	36.2
REGION IVB - MIMAROPA	4	0.1	1,505	48.0	827	26.4
Marinduque	-	0.0	138	57.6	57	23.8
Occidental Mindoro	-	0.0	208	40.8	92	18.0
Oriental Mindoro	-	0.0	310	41.4	185	24.7
Palawan	3	0.3	261	28.4	122	13.3
Romblon	-	0.0	201	67.0	112	37.4
Calapan City	-	0.0	176	124.6	156	110.4
Puerto Princesa City	1	0.4	211	76.4	103	37.3
REGION V - BICOL	-	0.0	2,847	46.9	1,754	28.9
Albay	-	0.0	413	45.0	253	27.6
Camarines Norte	-	0.0	272	44.2	216	35.1
Camarines Sur	-	0.0	527	30.7	303	17.6
Catanduanes	-	0.0	126	46.5	58	21.4
Masbate	-	0.0	214	25.8	121	14.6
Sorsogon	-	0.0	269	40.8	129	19.6
Legazpi City	-	0.0	213	103.1	123	59.6
City of Ligao	-	0.0	48	41.0	55	47.0
City of Tabaco	-	0.0	79	56.2	63	44.8
Iriga City	-	0.0	67	57.4	62	53.1
Naga City	-	0.0	407	198.8	204	99.6
City of Masbate	-	0.0	75	75.5	65	65.5
City of Sorsogon	-	0.0	137	77.3	102	57.6
REGION VI - WESTERN VISAYAS	-	0.0	5,282	67.4	2,467	31.5
Aklan	-	0.0	438	73.0	180	30.0
Antique	-	0.0	326	53.7	173	28.5
Capiz	-	0.0	297	47.9	115	18.5
Guimaras	-	0.0	93	50.8	36	19.6
Iloilo	-	0.0	1,084	55.7	498	25.6
Negros Occidental	-	0.0	404	37.0	225	20.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malaria (B50-B54)		Malignant Neoplasm (C00-C97)		Diabetes Mellitus (E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	-	0.0	255	146.4	119	68.3
Iloilo City	-	0.0	752	160.2	417	88.8
City of Passi	-	0.0	50	59.2	25	29.6
Bacolod City	-	0.0	769	132.8	281	48.5
Bago City	-	0.0	98	55.6	42	23.8
Cadiz City	-	0.0	88	55.2	33	20.7
City of Escalante	-	0.0	62	63.9	39	40.2
City of Himamaylan	-	0.0	53	48.1	13	11.8
City of Kabankalan	-	0.0	107	57.0	58	30.9
La Carlota City	-	0.0	43	64.7	17	25.6
Sagay City	-	0.0	81	53.7	25	16.6
San Carlos City	-	0.0	65	47.6	53	38.8
Silay City	-	0.0	91	69.6	54	41.3
City of Sipalay	-	0.0	27	37.4	20	27.7
City of Talisay	-	0.0	53	50.3	20	19.0
City of Victorias	-	0.0	46	50.8	24	26.5
REGION VII - CENTRAL VISAYAS	1	0.0	5,817	74.1	2,697	34.3
Bohol	-	0.0	643	51.6	303	24.3
Cebu	-	0.0	1,200	53.2	515	22.8
Negros Oriental	-	0.0	444	53.9	169	20.5
Siquijor	-	0.0	100	100.4	39	39.1
Tagbilaran City	-	0.0	231	213.1	122	112.5
City of Bogo	-	0.0	92	109.1	31	36.8
City of Carcar	-	0.0	80	61.9	60	46.4
Cebu City	-	0.0	1,597	160.3	742	74.5
Danao City	-	0.0	52	35.3	49	33.3
Lapu-Lapu City	-	0.0	201	45.6	114	25.9
Mandaue City	-	0.0	277	70.7	105	26.8
City of Naga	-	0.0	83	66.4	36	28.8
City of Talisay	-	0.0	134	54.5	82	33.4
Toledo City	-	0.0	71	38.6	50	27.2
Bais City	-	0.0	48	61.0	25	31.8
City of Bayawan	-	0.0	65	53.5	22	18.1
Canlaon City	-	0.0	10	17.8	10	17.8
Dumaguete City	1	0.7	416	307.2	178	131.4
City of Guihulngan	-	0.0	24	24.3	12	12.1
City of Tanjay	-	0.0	49	59.0	33	39.8
REGION VIII - EASTERN VISAYAS	-	0.0	2,219	47.4	1,384	29.6
Biliran	-	0.0	83	46.6	66	37.1
Eastern Samar	-	0.0	132	31.3	86	20.4
Leyte	-	0.0	637	42.8	355	23.8
Northern Samar	-	0.0	193	29.2	135	20.4
Samar	-	0.0	121	23.5	63	12.3
Southern Leyte	-	0.0	138	39.4	121	34.5

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malaria		Malignant Neoplasm		Diabetes Mellitus	
	(B50-B54)		(C00-C97)		(E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	-	0.0	28	38.1	25	34.0
City of Baybay	-	0.0	72	61.9	68	58.4
Ormoc City	-	0.0	180	78.7	104	45.5
Tacloban City	-	0.0	402	156.2	222	86.3
Calbayog City	-	0.0	97	50.6	45	23.5
City of Catbalogan	-	0.0	47	43.4	32	29.5
City of Maasin	-	0.0	89	99.8	62	69.5
REGION IX - ZAMBOANGA PENINSULA	1	0.0	1,841	49.0	1,033	27.5
Zamboanga Del Norte	-	0.0	295	35.9	117	14.2
Zamboanga Del Sur	-	0.0	292	35.1	152	18.3
Zamboanga Sibugay	-	0.0	234	34.9	110	16.4
Dapitan City	-	0.0	62	73.1	39	46.0
Dipolog City	-	0.0	182	135.3	145	107.8
City of Isabela	-	0.0	16	12.8	23	18.4
Pagadian City	-	0.0	130	63.8	112	54.9
Zamboanga City	1	0.1	630	71.4	335	38.0
REGION X - NORTHERN MINDANAO	-	0.0	2,523	50.9	1,492	30.1
Bukidnon	-	0.0	337	30.5	159	14.4
Camiguin	-	0.0	47	51.3	28	30.5
Lanao del Norte	-	0.0	163	22.7	130	18.1
Misamis Occidental	-	0.0	151	44.7	115	34.1
Misamis Oriental	-	0.0	325	42.7	139	18.3
City of Malaybalay	-	0.0	121	65.7	46	25.0
City of Valencia	-	0.0	89	43.7	45	22.1
Iligan City	-	0.0	237	65.2	187	51.4
Oroquieta City	-	0.0	54	73.8	50	68.3
Ozamis City	-	0.0	187	127.5	128	87.3
Tangub City	-	0.0	18	27.6	11	16.9
Cagayan de Oro City	-	0.0	716	99.3	398	55.2
City of El Salvador	-	0.0	22	41.1	14	26.2
Gingoog City	-	0.0	56	42.1	42	31.6
REGION XI - DAVAO	-	0.0	3,230	62.0	1,760	33.8
Compostela Valley	-	0.0	226	29.5	137	17.9
Davao	-	0.0	161	33.3	94	19.5
Davao Del Sur	-	0.0	249	49.4	91	18.0
Davao Oriental	-	0.0	173	39.0	93	21.0
Davao Occidental	-	0.0	94	28.1	42	12.5
City of Panabo	-	0.0	90	47.2	50	26.2
Island Garden City of Samal	-	0.0	55	51.2	31	28.8
City of Tagum	-	0.0	424	158.3	266	99.3
Davao City	-	0.0	1,554	87.4	778	43.8
City of Digos	-	0.0	132	71.6	105	56.9
City of Mati	-	0.0	72	48.1	73	48.8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malaria		Malignant Neoplasm		Diabetes Mellitus	
	(B50-B54)		(C00-C97)		(E10-E14)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	3	0.1	1,922	39.6	1,386	28.6
Cotabato	-	0.0	428	29.5	251	17.3
Saranggani	-	0.0	148	25.7	85	14.7
South Cotabato	-	0.0	272	34.3	179	22.6
Sultan Kudarat	-	0.0	231	31.0	160	21.5
Cotabato City	2	0.7	26	8.5	30	9.8
City of Kidapawan	-	0.0	105	225.8	68	146.3
General Santos City	1	0.2	464	72.7	390	61.1
City of Koronadal	-	0.0	168	89.4	163	86.8
City of Tacurong	-	0.0	80	78.0	60	58.5
REGION XIII - CARAGA	-	0.0	1,254	46.1	966	35.5
Agusan del Norte	-	0.0	114	18.5	53	8.6
Agusan del Sur	-	0.0	212	34.1	86	13.8
Surigao del Norte	-	0.0	127	35.9	105	29.7
Surigao del Sur	-	0.0	172	37.5	137	29.9
Dinagat Island	-	0.0	44	33.8	24	18.5
Butuan City	-	0.0	248	261.3	262	276.1
City of Cabadbaran	-	0.0	48	234.8	18	88.1
City of Bayugan	-	0.0	23	21.5	21	19.6
Surigao City	-	0.0	174	105.4	181	109.7
City of Bislig	-	0.0	45	45.7	48	48.8
City of Tandag	-	0.0	47	80.4	31	53.0
BARMM	-	0.0	170	4.1	121	3.0
Basilan	-	0.0	9	2.4	5	1.3
Lanao del Sur	-	0.0	37	4.1	28	3.1
Maguindanao	-	0.0	62	4.8	37	2.9
Sulu	-	0.0	15	1.7	17	1.9
Tawi-tawi	-	0.0	22	5.4	14	3.4
City of Lamitan	-	0.0	9	119.0	11	145.5
Marawi City	-	0.0	16	7.4	9	4.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malnutrition		Diseases of the Heart		Cerebro Vascular Disease	
	(E40-E46)		(I00- I13, I20-I51)		(I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	3,827	3.6	147,927	137.9	63,548	59.2
NATIONAL CAPITAL REGION	333	2.4	25,711	188.6	7,454	54.7
City of Manila	80	4.2	4,372	232.0	1,572	83.4
City of Mandaluyong	27	6.6	508	124.2	189	46.2
City of Marikina	28	5.9	1,376	288.3	411	86.1
City of Pasig	13	1.6	1,201	150.2	571	71.4
Quezon City	43	1.4	6,964	224.0	1,779	57.2
San Juan	4	3.1	312	241.2	60	46.4
Kalookan City	17	1.0	2,662	158.7	590	35.2
City of Malabon	1	0.3	516	133.3	101	26.1
Navotas	5	1.9	415	157.1	83	31.4
City of Valenzuela	23	3.5	1,306	198.8	233	35.5
City of Las Piñas	8	1.3	1,089	174.7	425	68.2
City of Makati	24	3.9	969	157.1	296	48.0
City of Muntinlupa	15	2.8	1,169	218.9	343	64.2
City of Parañaque	10	1.4	956	135.6	143	20.3
Pasay City	6	1.4	873	198.0	214	48.5
Pateros	3	4.4	100	148.0	31	45.9
City of Taguig	26	3.1	923	108.3	413	48.5
CORDILLERA ADMINISTRATIVE REGION	79	4.4	2,128	118.8	1,318	73.6
Abra	12	4.9	286	116.1	268	108.8
Apayao	4	3.3	170	138.2	51	41.5
Benguet	10	2.1	444	93.9	273	57.8
Ifugao	10	4.8	155	74.1	97	46.4
Kalinga	10	4.6	169	77.2	94	43.0
Mt. Province	7	4.5	193	123.3	185	118.2
Baguio City	26	7.1	711	194.6	350	95.8
REGION I - ILOCOS	205	3.9	7,545	144.4	4,227	80.9
Ilocos Norte	28	6.4	457	104.2	184	41.9
Ilocos Sur	33	5.6	733	123.6	355	59.9
La Union	27	3.9	659	95.0	315	45.4
Pangasinan	62	2.5	2,795	112.8	1,348	54.4
City of Batac	3	5.3	374	659.0	224	394.7
Laoag City	2	1.8	196	171.6	173	151.4
City of Candon	-	0.0	201	321.6	39	62.4
City of Vigan	6	10.8	101	181.8	109	196.2
City of San Fernando	13	10.2	467	367.5	388	305.4
City of Alaminos	1	1.1	177	189.1	82	87.6
Dagupan City	23	12.9	703	393.5	555	310.6
San Carlos City	7	3.6	414	210.5	312	158.6
City of Urdaneta	-	0.0	268	193.2	143	103.1

Table 29

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Number and Rate/100,000 Population
Philippines, 2019

AREA	Malnutrition		Diseases of the Heart		Cerebro Vascular Disease	
	(E40-E46)		(I00- I13, I20-I51)		(I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	122	3.4	4,829	133.4	2,432	67.2
Batanes	-	0.0	26	146.5	16	90.2
Cagayan	25	2.3	978	89.0	459	41.8
Isabela	35	2.8	1,288	103.9	573	46.2
Nueva Vizcaya	24	5.0	504	105.6	368	77.1
Quirino	8	4.1	209	106.5	91	46.4
Tuguegarao City	10	6.2	829	514.2	540	334.9
City of Cauayan	3	2.2	336	247.7	120	88.5
Ilagan City	9	5.9	275	180.4	91	59.7
City of Santiago	8	5.7	384	272.0	174	123.2
REGION III - CENTRAL LUZON	605	5.0	20,006	165.3	7,548	62.4
Aurora	3	1.3	243	108.0	136	60.4
Bataan	23	3.2	699	97.3	202	28.1
Bulacan	36	1.5	3,692	150.4	1,111	45.3
Nueva Ecija	45	2.8	1,963	123.7	815	51.4
Pampanga	50	2.8	2,296	128.5	694	38.9
Tarlac	74	6.8	1,447	133.9	633	58.6
Zambales	22	3.5	1,059	167.6	299	47.3
City of Balanga	4	3.9	601	578.8	249	239.8
City of Malolos	14	5.1	1,187	432.9	343	125.1
City of Meycauayan	6	2.6	346	152.1	73	32.1
City of San Jose Del Monte	17	2.7	822	131.6	185	29.6
Cabanatuan City	57	17.5	1,043	321.1	827	254.6
City of Gapan	39	32.9	162	136.7	96	81.0
Science City of Muñoz	-	0.0	98	111.9	30	34.3
Palayan City	-	0.0	46	104.3	11	24.9
San Jose City	33	22.0	276	183.8	53	35.3
Angeles City	95	21.2	651	145.3	237	52.9
Mabalacat City	4	1.5	351	128.6	130	47.6
City of San Fernando	16	4.8	1,488	445.7	684	204.9
City of Tarlac	48	13.3	950	262.6	523	144.6
Olongapo City	19	7.6	586	235.1	217	87.1
REGION IVA - CALABARZON	623	4.0	22,526	143.1	8,440	53.6
Batangas	80	3.9	2,370	116.0	897	43.9
Cavite	57	3.7	1,868	121.9	568	37.1
Laguna	49	4.6	1,634	151.9	672	62.5
Quezon	98	5.3	2,325	125.7	1,107	59.9
Rizal	77	3.3	3,299	143.4	951	41.3
Batangas City	11	3.0	749	206.6	679	187.3
Lipa City	7	1.9	667	182.6	232	63.5
City of Tanauan	2	1.0	341	179.0	79	41.5
Bacoor City	8	1.2	787	117.2	120	17.9
Cavite City	12	10.4	316	275.0	28	24.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malnutrition		Diseases of the Heart		Cerebro Vascular Disease	
	(E40-E46)		(I00- I13, I20-I51)		(I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmariñas	7	1.0	1,046	142.0	434	58.9
City of General Trias	22	6.3	453	128.9	203	57.8
Imus City	14	3.1	611	135.4	122	27.0
Tagaytay City	6	7.5	234	294.1	50	62.8
Trece Martires City	5	2.9	358	205.7	168	96.5
City of Biñan	4	1.1	477	132.3	181	50.2
Cabuyao City	2	0.6	312	93.3	116	34.7
City of Calamba	27	5.5	849	172.5	179	36.4
San Pablo City	58	20.1	580	201.3	210	72.9
City of San Pedro	4	1.1	508	144.0	92	26.1
City of Santa Rosa	5	1.3	444	115.9	209	54.6
Lucena City	-	0.0	141	134.2	125	119.0
City of Tayabas	12	4.3	1,001	357.1	588	209.8
City of Antipolo	56	6.6	1,156	136.4	430	50.7
REGION IVB - MIMAROPA	126	4.0	3,204	102.2	1,795	57.2
Marinduque	18	7.5	264	110.2	206	86.0
Occidental Mindoro	27	5.3	504	98.8	274	53.7
Oriental Mindoro	14	1.9	557	74.3	274	36.6
Palawan	31	3.4	606	65.9	323	35.1
Romblon	13	4.3	414	138.1	231	77.0
Calapan City	12	8.5	401	283.8	263	186.1
Puerto Princesa City	11	4.0	458	165.9	224	81.1
REGION V - BICOL	300	4.9	9,093	149.8	4,989	82.2
Albay	54	5.9	1,443	157.4	750	81.8
Camarines Norte	14	2.3	1,019	165.6	476	77.4
Camarines Sur	26	1.5	1,972	114.8	877	51.0
Catanduanes	22	8.1	456	168.4	217	80.2
Masbate	6	0.7	663	79.9	521	62.8
Sorsogon	25	3.8	712	108.1	387	58.8
Legazpi City	10	4.8	458	221.7	340	164.6
City of Ligao	58	49.6	266	227.3	102	87.2
City of Tabaco	8	5.7	239	170.0	99	70.4
Iriga City	3	2.6	236	202.2	116	99.4
Naga City	15	7.3	923	450.8	722	352.6
City of Masbate	17	17.1	288	290.1	169	170.2
City of Sorsogon	42	23.7	418	235.9	213	120.2
REGION VI - WESTERN VISAYAS	352	4.5	10,527	134.3	4,862	62.0
Aklan	16	2.7	948	158.0	347	57.8
Antique	46	7.6	678	111.7	397	65.4
Capiz	15	2.4	592	95.5	307	49.5
Guimaras	10	5.5	204	111.3	44	24.0
Iloilo	40	2.1	1,906	98.0	756	38.9
Negros Occidental	58	5.3	969	88.8	466	42.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Malnutrition		Diseases of the Heart		Cerebro Vascular Disease	
	(E40-E46)		(I00- I13, I20-I51)		(I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	17	9.8	491	281.8	154	88.4
Iloilo City	16	3.4	1,248	265.9	716	152.5
City of Passi	-	0.0	44	52.1	27	32.0
Bacolod City	54	9.3	1,525	263.3	1,101	190.1
Bago City	1	0.6	217	123.1	46	26.1
Cadiz City	38	23.8	278	174.3	40	25.1
City of Escalante	5	5.2	188	193.9	23	23.7
City of Himamaylan	2	1.8	138	125.3	42	38.1
City of Kabankalan	8	4.3	167	89.0	112	59.7
La Carlota City	2	3.0	116	174.6	5	7.5
Sagay City	-	0.0	141	93.5	57	37.8
San Carlos City	2	1.5	274	200.6	60	43.9
Silay City	5	3.8	169	129.2	72	55.0
City of Sipalay	13	18.0	50	69.2	38	52.6
City of Talisay	1	0.9	95	90.2	22	20.9
City of Victorias	3	3.3	89	98.2	30	33.1
REGION VII - CENTRAL VISAYAS	197	2.5	11,936	152.0	5,049	64.3
Bohol	32	2.6	1,541	123.6	695	55.7
Cebu	43	1.9	2,629	116.4	983	43.5
Negros Oriental	12	1.5	873	106.1	329	40.0
Siquijor	3	3.0	185	185.7	63	63.2
Tagbilaran City	10	9.2	506	466.7	354	326.5
City of Bogo	1	1.2	234	277.4	32	37.9
City of Carcar	-	0.0	185	143.2	117	90.6
Cebu City	53	5.3	2,379	238.8	1,615	162.1
Danao City	3	2.0	198	134.4	18	12.2
Lapu-Lapu City	2	0.5	563	127.8	106	24.1
Mandaue City	3	0.8	499	127.4	93	23.8
City of Naga	1	0.8	226	180.8	64	51.2
City of Talisay	2	0.8	434	176.6	61	24.8
Toledo City	2	1.1	343	186.5	39	21.2
Bais City	-	0.0	136	172.9	31	39.4
City of Bayawan	15	12.3	83	68.3	75	61.7
Canlaon City	2	3.6	44	78.3	27	48.1
Dumaguete City	13	9.6	674	497.7	273	201.6
City of Guihulngan	-	0.0	100	101.1	46	46.5
City of Tanjay	-	0.0	104	125.3	28	33.7
REGION VIII - EASTERN VISAYAS	191	4.1	5,091	108.8	2,639	56.4
Biliran	2	1.1	216	121.4	74	41.6
Eastern Samar	19	4.5	350	82.9	176	41.7
Leyte	84	5.6	1,370	92.0	541	36.3
Northern Samar	22	3.3	626	94.6	422	63.7
Samar	18	3.5	314	61.1	206	40.1
Southern Leyte	8	2.3	354	101.0	260	74.2

Table 29

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Philippines, 2019

AREA	Malnutrition		Diseases of the Heart		Cerebro Vascular Disease	
	(E40-E46)		(I00- I13, I20-I51)		(I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	3	4.1	110	149.6	30	40.8
City of Baybay	8	6.9	107	92.0	91	78.2
Ormoc City	11	4.8	381	166.7	149	65.2
Tacloban City	15	5.8	718	279.0	452	175.6
Calbayog City	-	0.0	284	148.0	104	54.2
City of Catbalogan	-	0.0	96	88.6	64	59.0
City of Maasin	1	1.1	165	185.0	70	78.5
REGION IX - ZAMBOANGA PENINSULA	111	3.0	4,996	133.1	1,905	50.7
Zamboanga Del Norte	14	1.7	666	81.1	349	42.5
Zamboanga Del Sur	17	2.0	763	91.8	256	30.8
Zamboanga Sibugay	30	4.5	536	79.9	266	39.7
Dapitan City	1	1.2	158	186.3	68	80.2
Dipolog City	13	9.7	421	312.9	123	91.4
City of Isabela	6	4.8	86	68.8	42	33.6
Pagadian City	17	8.3	375	183.9	207	101.5
Zamboanga City	13	1.5	1,991	225.5	594	67.3
REGION X - NORTHERN MINDANAO	235	4.7	6,471	130.6	2,559	51.6
Bukidnon	16	1.4	975	88.2	432	39.1
Camiguin	9	9.8	158	172.3	43	46.9
Lanao del Norte	20	2.8	406	56.6	157	21.9
Misamis Occidental	13	3.9	407	120.6	102	30.2
Misamis Oriental	29	3.8	706	92.8	277	36.4
City of Malaybalay	2	1.1	384	208.5	140	76.0
City of Valencia	3	1.5	236	115.9	102	50.1
Iligan City	61	16.8	599	164.8	178	49.0
Oroquieta City	3	4.1	220	300.7	84	114.8
Ozamis City	11	7.5	414	282.3	246	167.8
Tangub City	-	0.0	50	76.7	13	20.0
Cagayan de Oro City	55	7.6	1,661	230.4	697	96.7
City of El Salvador	-	0.0	51	95.3	11	20.5
Gingoog City	13	9.8	204	153.5	77	57.9
REGION XI - DAVAO	154	3.0	6,216	119.3	4,186	80.3
Compostela Valley	42	5.5	466	60.8	263	34.3
Davao	20	4.1	428	88.6	144	29.8
Davao Del Sur	8	1.6	481	95.4	275	54.5
Davao Oriental	23	5.2	449	101.3	237	53.5
Davao Occidental	1	0.3	282	84.2	108	32.3
City of Panabo	-	0.0	223	117.0	46	24.1
Island Garden City of Samal	6	5.6	250	232.6	12	11.2
City of Tagum	15	5.6	988	368.9	1,185	442.5
Davao City	35	2.0	2,081	117.1	1,703	95.8
City of Digos	2	1.1	351	190.3	109	59.1
City of Mati	2	1.3	217	145.0	104	69.5

Table 29

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Philippines, 2019

AREA	Malnutrition		Diseases of the Heart		Cerebro Vascular Disease	
	(E40-E46)		(I00- I13, I20-I51)		(I60-I69)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	99	2.0	4,292	88.5	2,389	49.3
Cotabato	6	0.4	839	57.7	607	41.8
Saranggani	6	1.0	357	61.9	274	47.5
South Cotabato	19	2.4	700	88.2	285	35.9
Sultan Kudarat	16	2.1	508	68.2	309	41.5
Cotabato City	2	0.7	118	38.4	63	20.5
City of Kidapawan	4	8.6	264	567.8	130	279.6
General Santos City	32	5.0	893	140.0	355	55.6
City of Koronadal	8	4.3	454	241.7	287	152.8
City of Tacurong	6	5.9	159	155.1	79	77.1
REGION XIII - CARAGA	86	3.2	2,660	97.7	1,548	56.8
Agusan del Norte	4	0.7	211	34.3	107	17.4
Agusan del Sur	6	1.0	477	76.8	212	34.1
Surigao del Norte	7	2.0	268	75.7	155	43.8
Surigao del Sur	16	3.5	315	68.7	256	55.8
Dinagat Island	13	10.0	141	108.4	70	53.8
Butuan City	20	21.1	500	526.8	342	360.4
City of Cabadbaran	2	9.8	87	425.6	58	283.7
City of Bayugan	-	0.0	76	71.0	49	45.8
Surigao City	10	6.1	355	215.1	186	112.7
City of Bislig	5	5.1	122	123.9	51	51.8
City of Tandag	3	5.1	108	184.8	62	106.1
BARMM	9	0.2	696	17.0	208	5.1
Basilan	-	0.0	68	18.4	17	4.6
Lanao del Sur	-	0.0	106	11.7	41	4.5
Maguindanao	3	0.2	226	17.5	43	3.3
Sulu	1	0.1	94	10.5	32	3.6
Tawi-tawi	-	0.0	82	20.0	39	9.5
City of Lamitan	2	26.4	72	952.1	19	251.3
Marawi City	3	1.4	48	22.1	17	7.8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	62,719	58.5	26,576	24.8	5,437	5.1
NATIONAL CAPITAL REGION	10,350	75.9	2,777	20.4	498	3.7
City of Manila	2,627	139.4	413	21.9	89	4.7
City of Mandaluyong	172	42.1	60	14.7	9	2.2
City of Marikina	421	88.2	145	30.4	21	4.4
City of Pasig	453	56.6	116	14.5	27	3.4
Quezon City	2,696	86.7	825	26.5	200	6.4
San Juan	47	36.3	24	18.6	2	1.5
Kalookan City	1,369	81.6	209	12.5	31	1.8
City of Malabon	222	57.4	63	16.3	2	0.5
Navotas	128	48.5	42	15.9	4	1.5
City of Valenzuela	446	67.9	78	11.9	12	1.8
City of Las Piñas	371	59.5	151	24.2	21	3.4
City of Makati	316	51.2	76	12.3	14	2.3
City of Muntinlupa	255	47.7	116	21.7	31	5.8
City of Parañaque	240	34.0	216	30.6	5	0.7
Pasay City	369	83.7	44	10.0	9	2.0
Pateros	25	37.0	15	22.2	1	1.5
City of Taguig	193	22.6	184	21.6	20	2.3
CORDILLERA ADMINISTRATIVE REGION	782	43.6	406	22.7	131	7.3
Abra	228	92.6	106	43.0	29	11.8
Apayao	69	56.1	32	26.0	17	13.8
Benguet	96	20.3	67	14.2	10	2.1
Ifugao	56	26.8	31	14.8	12	5.7
Kalinga	100	45.7	42	19.2	16	7.3
Mt. Province	85	54.3	21	13.4	22	14.1
Baguio City	148	40.5	107	29.3	25	6.8
REGION I - ILOCOS	3,974	76.0	1,791	34.3	328	6.3
Ilocos Norte	314	71.6	150	34.2	21	4.8
Ilocos Sur	481	81.1	200	33.7	23	3.9
La Union	393	56.7	204	29.4	23	3.3
Pangasinan	1,388	56.0	636	25.7	95	3.8
City of Batac	96	169.2	86	151.5	14	24.7
Laoag City	155	135.7	51	44.6	12	10.5
City of Candon	40	64.0	18	28.8	5	8.0
City of Vigan	100	180.0	25	45.0	3	5.4
City of San Fernando	271	213.3	116	91.3	26	20.5
City of Alaminos	71	75.9	28	29.9	7	7.5
Dagupan City	326	182.5	126	70.5	56	31.3
San Carlos City	188	95.6	95	48.3	31	15.8
City of Urdaneta	151	108.9	56	40.4	12	8.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
	2,357	65.1	1,361	37.6	270	7.5
REGION II - CAGAYAN VALLEY						
Batanes	8	45.1	8	45.1	-	0.0
Cagayan	626	57.0	355	32.3	86	7.8
Isabela	743	59.9	480	38.7	81	6.5
Nueva Vizcaya	268	56.2	182	38.1	28	5.9
Quirino	151	76.9	53	27.0	11	5.6
Tuguegarao City	213	132.1	131	81.3	21	13.0
City of Cauayan	95	70.0	48	35.4	19	14.0
Ilagan City	96	63.0	48	31.5	12	7.9
City of Santiago	157	111.2	56	39.7	12	8.5
REGION III - CENTRAL LUZON	5,558	45.9	3,789	31.3	417	3.4
Aurora	69	30.7	68	30.2	19	8.4
Bataan	170	23.7	162	22.6	11	1.5
Bulacan	802	32.7	619	25.2	43	1.8
Nueva Ecija	672	42.3	605	38.1	29	1.8
Pampanga	401	22.5	423	23.7	30	1.7
Tarlac	596	55.1	368	34.0	27	2.5
Zambales	338	53.5	195	30.9	29	4.6
City of Balanga	265	255.2	68	65.5	11	10.6
City of Malolos	245	89.4	126	46.0	29	10.6
City of Meycauayan	113	49.7	59	25.9	1	0.4
City of San Jose Del Monte	310	49.6	92	14.7	22	3.5
Cabanatuan City	349	107.4	217	66.8	45	13.9
City of Gapan	35	29.5	49	41.3	1	0.8
Science City of Muñoz	114	130.2	41	46.8	1	1.1
Palayan City	12	27.2	15	34.0	-	0.0
San Jose City	91	60.6	87	57.9	11	7.3
Angeles City	133	29.7	115	25.7	10	2.2
Mabalacat City	49	17.9	86	31.5	1	0.4
City of San Fernando	317	95.0	118	35.3	51	15.3
City of Tarlac	317	87.6	185	51.1	31	8.6
Olongapo City	160	64.2	91	36.5	15	6.0
REGION IVA - CALABARZON	7,175	45.6	3,445	21.9	386	2.5
Batangas	995	48.7	469	23.0	47	2.3
Cavite	611	39.9	347	22.6	24	1.6
Laguna	462	43.0	272	25.3	38	3.5
Quezon	829	44.8	429	23.2	42	2.3
Rizal	996	43.3	405	17.6	31	1.3
Batangas City	302	83.3	144	39.7	39	10.8
Lipa City	105	28.7	112	30.7	13	3.6
City of Tanauan	69	36.2	53	27.8	5	2.6
Bacoor City	155	23.1	101	15.0	8	1.2
Cavite City	72	62.7	24	20.9	3	2.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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	348	47.2	138	18.7	29	3.9
City of General Trias	120	34.2	80	22.8	7	2.0
Imus City	207	45.9	67	14.8	2	0.4
Tagaytay City	33	41.5	10	12.6	6	7.5
Trece Martires City	158	90.8	59	33.9	8	4.6
City of Biñan	68	18.9	116	32.2	1	0.3
Cabuyao City	162	48.5	46	13.8	2	0.6
City of Calamba	112	22.8	88	17.9	5	1.0
San Pablo City	131	45.5	91	31.6	9	3.1
City of San Pedro	53	15.0	22	6.2	6	1.7
City of Santa Rosa	194	50.6	52	13.6	5	1.3
Lucena City	49	46.6	13	12.4	1	1.0
City of Tayabas	634	226.2	112	40.0	22	7.8
City of Antipolo	310	36.6	195	23.0	33	3.9
REGION IVB - MIMAROPA	1,464	46.7	778	24.8	190	6.1
Marinduque	173	72.2	66	27.5	9	3.8
Occidental Mindoro	217	42.5	149	29.2	24	4.7
Oriental Mindoro	256	34.2	158	21.1	35	4.7
Palawan	346	37.6	165	17.9	61	6.6
Romblon	207	69.0	97	32.4	15	5.0
Calapan City	115	81.4	70	49.5	31	21.9
Puerto Princesa City	150	54.3	73	26.4	15	5.4
REGION V - BICOL	3,575	58.9	1,621	26.7	301	5.0
Albay	602	65.7	217	23.7	28	3.1
Camarines Norte	179	29.1	224	36.4	37	6.0
Camarines Sur	762	44.3	343	20.0	67	3.9
Catanduanes	234	86.4	89	32.9	27	10.0
Masbate	377	45.4	176	21.2	35	4.2
Sorsogon	326	49.5	166	25.2	15	2.3
Legazpi City	200	96.8	66	32.0	11	5.3
City of Ligao	76	65.0	41	35.0	-	0.0
City of Tabaco	113	80.4	44	31.3	2	1.4
Iriga City	93	79.7	33	28.3	7	6.0
Naga City	344	168.0	136	66.4	52	25.4
City of Masbate	107	107.8	36	36.3	11	11.1
City of Sorsogon	162	91.4	50	28.2	9	5.1
REGION VI - WESTERN VISAYAS	7,899	100.8	2,693	34.4	503	6.4
Aklan	635	105.9	202	33.7	18	3.0
Antique	731	120.5	299	49.3	47	7.7
Capiz	632	101.9	136	21.9	19	3.1
Guimaras	117	63.9	34	18.6	17	9.3
Iloilo	1,978	101.7	589	30.3	94	4.8
Negros Occidental	632	57.9	265	24.3	53	4.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Pneumonia (J12-J18)		Chronic Lower Respiratory Diseases (J40-J47)		Gastric and Duodenal Ulcer (K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	179	102.7	93	53.4	12	6.9
Iloilo City	769	163.8	273	58.2	44	9.4
City of Passi	95	112.6	17	20.1	3	3.6
Bacolod City	1,107	191.1	302	52.1	85	14.7
Bago City	44	25.0	44	25.0	6	3.4
Cadiz City	87	54.6	64	40.1	10	6.3
City of Escalante	144	148.5	39	40.2	11	11.3
City of Himamaylan	70	63.5	39	35.4	10	9.1
City of Kabankalan	119	63.4	54	28.8	15	8.0
La Carlota City	57	85.8	30	45.1	5	7.5
Sagay City	62	41.1	33	21.9	17	11.3
San Carlos City	165	120.8	54	39.5	12	8.8
Silay City	125	95.5	70	53.5	15	11.5
City of Sipalay	25	34.6	15	20.8	4	5.5
City of Talisay	103	97.8	11	10.4	3	2.8
City of Victorias	23	25.4	30	33.1	3	3.3
REGION VII - CENTRAL VISAYAS	5,745	73.2	1,685	21.5	600	7.6
Bohol	985	79.0	274	22.0	116	9.3
Cebu	1,203	53.3	419	18.6	157	7.0
Negros Oriental	524	63.7	129	15.7	53	6.4
Siquijor	93	93.3	28	28.1	10	10.0
Tagbilaran City	418	385.6	91	83.9	23	21.2
City of Bogo	45	53.4	25	29.6	8	9.5
City of Carcar	148	114.6	18	13.9	17	13.2
Cebu City	1,205	121.0	309	31.0	97	9.7
Danao City	42	28.5	19	12.9	1	0.7
Lapu-Lapu City	215	48.8	49	11.1	10	2.3
Mandaue City	128	32.7	62	15.8	6	1.5
City of Naga	37	29.6	17	13.6	1	0.8
City of Talisay	142	57.8	27	11.0	14	5.7
Toledo City	58	31.5	29	15.8	8	4.3
Bais City	41	52.1	17	21.6	-	0.0
City of Bayawan	36	29.6	21	17.3	16	13.2
Canlaon City	22	39.2	16	28.5	1	1.8
Dumaguete City	258	190.5	81	59.8	38	28.1
City of Guihulngan	80	80.9	35	35.4	15	15.2
City of Tanjay	65	78.3	19	22.9	9	10.8
REGION VIII - EASTERN VISAYAS	3,429	73.3	1,221	26.1	389	8.3
Biliran	156	87.7	74	41.6	32	18.0
Eastern Samar	217	51.4	72	17.1	18	4.3
Leyte	1,043	70.1	322	21.6	131	8.8
Northern Samar	305	46.1	126	19.0	39	5.9
Samar	166	32.3	122	23.7	14	2.7
Southern Leyte	245	69.9	106	30.2	40	11.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Pneumonia		Chronic Lower Respiratory Diseases		Gastric and Duodenal Ulcer	
	(J12-J18)		(J40-J47)		(K25-K27)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	102	138.7	28	38.1	5	6.8
City of Baybay	76	65.3	42	36.1	20	17.2
Ormoc City	228	99.7	43	18.8	22	9.6
Tacloban City	470	182.6	152	59.1	47	18.3
Calbayog City	147	76.6	78	40.7	12	6.3
City of Catbalogan	191	176.2	18	16.6	3	2.8
City of Maasin	83	93.1	38	42.6	6	6.7
REGION IX - ZAMBOANGA PENINSULA	1,246	33.2	815	21.7	224	6.0
Zamboanga Del Norte	181	22.0	140	17.0	52	6.3
Zamboanga Del Sur	245	29.5	129	15.5	40	4.8
Zamboanga Sibugay	277	41.3	117	17.4	48	7.2
Dapitan City	80	94.3	27	31.8	11	13.0
Dipolog City	105	78.0	61	45.3	20	14.9
City of Isabela	20	16.0	16	12.8	1	0.8
Pagadian City	72	35.3	63	30.9	19	9.3
Zamboanga City	266	30.1	262	29.7	33	3.7
REGION X - NORTHERN MINDANAO	2,583	52.1	1,075	21.7	340	6.9
Bukidnon	477	43.2	199	18.0	62	5.6
Camiguin	81	88.3	18	19.6	11	12.0
Lanao del Norte	167	23.3	74	10.3	47	6.5
Misamis Occidental	161	47.7	89	26.4	29	8.6
Misamis Oriental	316	41.5	133	17.5	43	5.7
City of Malaybalay	150	81.4	42	22.8	16	8.7
City of Valencia	126	61.9	25	12.3	20	9.8
Iligan City	129	35.5	97	26.7	13	3.6
Oroquieta City	108	147.6	25	34.2	6	8.2
Ozamis City	187	127.5	89	60.7	27	18.4
Tangub City	9	13.8	10	15.3	4	6.1
Cagayan de Oro City	616	85.5	241	33.4	45	6.2
City of El Salvador	11	20.5	7	13.1	4	7.5
Gingoog City	45	33.9	26	19.6	13	9.8
REGION XI - DAVAO	3,228	62.0	1,249	24.0	407	7.8
Compostela Valley	279	36.4	110	14.3	29	3.8
Davao	195	40.4	119	24.6	29	6.0
Davao Del Sur	152	30.1	109	21.6	37	7.3
Davao Oriental	277	62.5	89	20.1	63	14.2
Davao Occidental	206	61.5	36	10.8	28	8.4
City of Panabo	34	17.8	22	11.5	4	2.1
Island Garden City of Samal	56	52.1	17	15.8	4	3.7
City of Tagum	584	218.1	232	86.6	38	14.2
Davao City	1,226	69.0	401	22.6	141	7.9
City of Digos	114	61.8	64	34.7	12	6.5
City of Mati	105	70.1	50	33.4	22	14.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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	1,847	38.1	1,201	24.8	235	4.8
Cotabato	638	43.9	263	18.1	66	4.5
Saranggani	128	22.2	70	12.1	35	6.1
South Cotabato	257	32.4	221	27.9	29	3.7
Sultan Kudarat	237	31.8	197	26.5	25	3.4
Cotabato City	34	11.1	15	4.9	5	1.6
City of Kidapawan	71	152.7	87	187.1	13	28.0
General Santos City	245	38.4	207	32.4	30	4.7
City of Koronadal	179	95.3	97	51.6	23	12.2
City of Tacurong	58	56.6	44	42.9	9	8.8
REGION XIII - CARAGA	1,349	49.5	562	20.6	198	7.3
Agusan del Norte	133	21.6	37	6.0	11	1.8
Agusan del Sur	225	36.2	66	10.6	47	7.6
Surigao del Norte	77	21.8	63	17.8	23	6.5
Surigao del Sur	186	40.6	101	22.0	36	7.9
Dinagat Island	40	30.8	31	23.8	14	10.8
Butuan City	304	320.3	104	109.6	23	24.2
City of Cabadbaran	85	415.8	27	132.1	4	19.6
City of Bayugan	42	39.2	16	14.9	8	7.5
Surigao City	125	75.7	45	27.3	18	10.9
City of Bislig	66	67.0	31	31.5	6	6.1
City of Tandag	66	112.9	41	70.1	8	13.7
BARMM	158	3.9	107	2.6	20	0.5
Basilan	3	0.8	4	1.1	2	0.5
Lanao del Sur	28	3.1	23	2.5	8	0.9
Maguindanao	37	2.9	34	2.6	3	0.2
Sulu	46	5.1	11	1.2	2	0.2
Tawi-tawi	11	2.7	23	5.6	3	0.7
City of Lamitan	6	79.3	7	92.6	-	0.0
Marawi City	27	12.4	5	2.3	2	0.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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	10,359	9.7	20,603	19.2	11,260
NATIONAL CAPITAL REGION	1,445	10.6	2,385	17.5	2,544	18.7
City of Manila	392	20.8	561	29.8	948	50.3
City of Mandaluyong	25	6.1	52	12.7	40	9.8
City of Marikina	67	14.0	74	15.5	156	32.7
City of Pasig	90	11.3	165	20.6	180	22.5
Quezon City	360	11.6	621	20.0	560	18.0
San Juan	21	16.2	40	30.9	12	9.3
Kalookan City	107	6.4	167	10.0	129	7.7
City of Malabon	16	4.1	30	7.8	11	2.8
Navotas	14	5.3	20	7.6	24	9.1
City of Valenzuela	35	5.3	83	12.6	106	16.1
City of Las Piñas	76	12.2	134	21.5	73	11.7
City of Makati	54	8.8	107	17.3	50	8.1
City of Muntinlupa	53	9.9	115	21.5	75	14.0
City of Parañaque	37	5.2	67	9.5	63	8.9
Pasay City	35	7.9	57	12.9	34	7.7
Pateros	4	5.9	5	7.4	2	3.0
City of Taguig	59	6.9	87	10.2	81	9.5
CORDILLERA ADMINISTRATIVE REGION	142	7.9	277	15.5	156	8.7
Abra	14	5.7	49	19.9	10	4.1
Apayao	28	22.8	13	10.6	7	5.7
Benguet	16	3.4	54	11.4	19	4.0
Ifugao	6	2.9	32	15.3	7	3.3
Kalinga	10	4.6	37	16.9	10	4.6
Mt. Province	13	8.3	18	11.5	26	16.6
Baguio City	55	15.1	74	20.3	77	21.1
REGION I - ILOCOS	589	11.3	916	17.5	686	13.1
Ilocos Norte	40	9.1	48	10.9	2	0.5
Ilocos Sur	42	7.1	82	13.8	15	2.5
La Union	45	6.5	64	9.2	21	3.0
Pangasinan	169	6.8	274	11.1	60	2.4
City of Batac	46	81.1	32	56.4	61	107.5
Laoag City	18	15.8	36	31.5	5	4.4
City of Candon	8	12.8	18	28.8	6	9.6
City of Vigan	28	50.4	28	50.4	17	30.6
City of San Fernando	62	48.8	89	70.0	194	152.7
City of Alaminos	9	9.6	15	16.0	11	11.8
Dagupan City	77	43.1	115	64.4	211	118.1
San Carlos City	30	15.3	73	37.1	66	33.6
City of Urdaneta	15	10.8	42	30.3	17	12.3

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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	374	10.3	652	18.0	332	9.2
Batanes	6	33.8	6	33.8	6	33.8
Cagayan	79	7.2	123	11.2	20	1.8
Isabela	62	5.0	214	17.3	21	1.7
Nueva Vizcaya	54	11.3	62	13.0	50	10.5
Quirino	10	5.1	26	13.2	25	12.7
Tuguegarao City	92	57.1	101	62.6	126	78.1
City of Cauayan	23	17.0	47	34.7	7	5.2
Ilagan City	17	11.2	14	9.2	26	17.1
City of Santiago	31	22.0	59	41.8	51	36.1
REGION III - CENTRAL LUZON	966	8.0	2,323	19.2	1,443	11.9
Aurora	24	10.7	29	12.9	5	2.2
Bataan	20	2.8	115	16.0	10	1.4
Bulacan	157	6.4	274	11.2	147	6.0
Nueva Ecija	66	4.2	169	10.6	46	2.9
Pampanga	107	6.0	281	15.7	35	2.0
Tarlac	53	4.9	232	21.5	32	3.0
Zambales	52	8.2	137	21.7	55	8.7
City of Balanga	27	26.0	104	100.2	168	161.8
City of Malolos	67	24.4	128	46.7	387	141.1
City of Meycauayan	12	5.3	19	8.4	13	5.7
City of San Jose Del Monte	30	4.8	74	11.9	23	3.7
Cabanatuan City	80	24.6	109	33.6	159	49.0
City of Gapan	8	6.7	26	21.9	5	4.2
Science City of Muñoz	3	3.4	12	13.7	1	1.1
Palayan City	3	6.8	5	11.3	-	0.0
San Jose City	11	7.3	22	14.6	11	7.3
Angeles City	53	11.8	132	29.5	40	8.9
Mabalacat City	13	4.8	55	20.1	13	4.8
City of San Fernando	93	27.9	147	44.0	108	32.4
City of Tarlac	52	14.4	163	45.1	142	39.3
Olongapo City	35	14.0	90	36.1	43	17.3
REGION IVA - CALABARZON	1,039	6.6	2,884	18.3	1,583	10.1
Batangas	115	5.6	452	22.1	118	5.8
Cavite	77	5.0	248	16.2	77	5.0
Laguna	76	7.1	264	24.5	89	8.3
Quezon	106	5.7	259	14.0	66	3.6
Rizal	116	5.0	302	13.1	174	7.6
Batangas City	70	19.3	194	53.5	239	65.9
Lipa City	29	7.9	68	18.6	43	11.8
City of Tanauan	14	7.3	47	24.7	26	13.6
Bacoor City	24	3.6	64	9.5	9	1.3
Cavite City	6	5.2	18	15.7	11	9.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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	73	9.9	163	22.1	66	9.0
City of General Trias	22	6.3	46	13.1	33	9.4
Imus City	31	6.9	44	9.7	23	5.1
Tagaytay City	3	3.8	15	18.9	10	12.6
Trece Martires City	18	10.3	54	31.0	95	54.6
City of Biñan	25	6.9	64	17.7	28	7.8
Cabuyao City	15	4.5	43	12.9	21	6.3
City of Calamba	15	3.0	63	12.8	82	16.7
San Pablo City	31	10.8	102	35.4	41	14.2
City of San Pedro	19	5.4	50	14.2	19	5.4
City of Santa Rosa	22	5.7	54	14.1	40	10.4
Lucena City	13	12.4	28	26.7	5	4.8
City of Tayabas	76	27.1	158	56.4	191	68.1
City of Antipolo	43	5.1	84	9.9	77	9.1
REGION IVB - MIMAROPA	272	8.7	486	15.5	343	10.9
Marinduque	16	6.7	25	10.4	21	8.8
Occidental Mindoro	43	8.4	61	12.0	58	11.4
Oriental Mindoro	55	7.3	78	10.4	30	4.0
Palawan	37	4.0	110	12.0	50	5.4
Romblon	40	13.3	55	18.3	38	12.7
Calapan City	44	31.1	67	47.4	103	72.9
Puerto Princesa City	37	13.4	90	32.6	43	15.6
REGION V - BICOL	649	10.7	1,397	23.0	659	10.9
Albay	86	9.4	145	15.8	95	10.4
Camarines Norte	53	8.6	118	19.2	105	17.1
Camarines Sur	80	4.7	330	19.2	54	3.1
Catanduanes	36	13.3	36	13.3	28	10.3
Masbate	78	9.4	86	10.4	21	2.5
Sorsogon	47	7.1	138	21.0	7	1.1
Legazpi City	74	35.8	69	33.4	56	27.1
City of Ligao	10	8.5	18	15.4	4	3.4
City of Tabaco	17	12.1	43	30.6	10	7.1
Iriga City	17	14.6	52	44.5	12	10.3
Naga City	87	42.5	210	102.6	168	82.1
City of Masbate	31	31.2	40	40.3	69	69.5
City of Sorsogon	33	18.6	112	63.2	30	16.9
REGION VI - WESTERN VISAYAS	1,259	16.1	1,767	22.6	570	7.3
Aklan	102	17.0	133	22.2	49	8.2
Antique	90	14.8	83	13.7	63	10.4
Capiz	52	8.4	76	12.3	15	2.4
Guimaras	19	10.4	22	12.0	8	4.4
Iloilo	216	11.1	262	13.5	73	3.8
Negros Occidental	88	8.1	205	18.8	23	2.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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	47	27.0	48	27.6	33	18.9
Iloilo City	226	48.1	260	55.4	133	28.3
City of Passi	11	13.0	14	16.6	3	3.6
Bacolod City	205	35.4	281	48.5	98	16.9
Bago City	17	9.6	61	34.6	4	2.3
Cadiz City	29	18.2	25	15.7	5	3.1
City of Escalante	18	18.6	40	41.3	7	7.2
City of Himamaylan	15	13.6	26	23.6	5	4.5
City of Kabankalan	32	17.1	52	27.7	14	7.5
La Carlota City	6	9.0	28	42.1	-	0.0
Sagay City	16	10.6	32	21.2	1	0.7
San Carlos City	22	16.1	29	21.2	13	9.5
Silay City	21	16.1	42	32.1	18	13.8
City of Sipalay	4	5.5	10	13.8	2	2.8
City of Talisay	11	10.4	15	14.2	1	0.9
City of Victorias	12	13.2	23	25.4	2	2.2
REGION VII - CENTRAL VISAYAS	860	11.0	1,646	21.0	842	10.7
Bohol	91	7.3	259	20.8	70	5.6
Cebu	176	7.8	320	14.2	71	3.1
Negros Oriental	65	7.9	112	13.6	18	2.2
Siquijor	25	25.1	33	33.1	5	5.0
Tagbilaran City	50	46.1	97	89.5	67	61.8
City of Bogo	8	9.5	16	19.0	33	39.1
City of Carcar	14	10.8	31	24.0	21	16.3
Cebu City	236	23.7	367	36.8	314	31.5
Danao City	10	6.8	17	11.5	16	10.9
Lapu-Lapu City	21	4.8	36	8.2	14	3.2
Mandaue City	38	9.7	46	11.7	45	11.5
City of Naga	9	7.2	19	15.2	9	7.2
City of Talisay	14	5.7	26	10.6	32	13.0
Toledo City	7	3.8	51	27.7	5	2.7
Bais City	9	11.4	15	19.1	6	7.6
City of Bayawan	8	6.6	14	11.5	10	8.2
Canlaon City	3	5.3	9	16.0	3	5.3
Dumaguete City	66	48.7	149	110.0	88	65.0
City of Guihulngan	5	5.1	17	17.2	13	13.1
City of Tanjay	5	6.0	12	14.5	2	2.4
REGION VIII - EASTERN VISAYAS	468	10.0	935	20.0	271	5.8
Biliran	14	7.9	34	19.1	23	12.9
Eastern Samar	23	5.4	45	10.7	1	0.2
Leyte	111	7.5	262	17.6	30	2.0
Northern Samar	66	10.0	80	12.1	47	7.1
Samar	30	5.8	50	9.7	5	1.0
Southern Leyte	19	5.4	82	23.4	11	3.1

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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	9	12.2	18	24.5	10	13.6
City of Baybay	8	6.9	21	18.0	2	1.7
Ormoc City	23	10.1	95	41.6	33	14.4
Tacloban City	114	44.3	153	59.4	78	30.3
Calbayog City	22	11.5	46	24.0	4	2.1
City of Catbalogan	16	14.8	21	19.4	4	3.7
City of Maasin	13	14.6	28	31.4	23	25.8
REGION IX - ZAMBOANGA PENINSULA	372	9.9	731	19.5	220	5.9
Zamboanga Del Norte	54	6.6	101	12.3	9	1.1
Zamboanga Del Sur	81	9.7	136	16.4	30	3.6
Zamboanga Sibugay	45	6.7	134	20.0	25	3.7
Dapitan City	12	14.2	27	31.8	-	0.0
Dipolog City	30	22.3	93	69.1	13	9.7
City of Isabela	7	5.6	9	7.2	16	12.8
Pagadian City	37	18.1	112	54.9	27	13.2
Zamboanga City	106	12.0	119	13.5	100	11.3
REGION X - NORTHERN MINDANAO	586	11.8	1,034	20.9	499	10.1
Bukidnon	73	6.6	136	12.3	64	5.8
Camiguin	7	7.6	16	17.4	7	7.6
Lanao del Norte	57	7.9	76	10.6	9	1.3
Misamis Occidental	26	7.7	80	23.7	4	1.2
Misamis Oriental	39	5.1	72	9.5	20	2.6
City of Malaybalay	36	19.5	35	19.0	61	33.1
City of Valencia	28	13.8	43	21.1	22	10.8
Iligan City	52	14.3	72	19.8	74	20.4
Oroquieta City	28	38.3	74	101.2	13	17.8
Ozamis City	76	51.8	153	104.3	67	45.7
Tangub City	4	6.1	13	20.0	8	12.3
Cagayan de Oro City	142	19.7	233	32.3	138	19.1
City of El Salvador	3	5.6	7	13.1	-	0.0
Gingoog City	15	11.3	24	18.1	12	9.0
REGION XI - DAVAO	547	10.5	1,392	26.7	578	11.1
Compostela Valley	51	6.6	68	8.9	14	1.8
Davao	36	7.4	68	14.1	15	3.1
Davao Del Sur	35	6.9	123	24.4	12	2.4
Davao Oriental	25	5.6	68	15.3	12	2.7
Davao Occidental	21	6.3	36	10.8	9	2.7
City of Panabo	10	5.2	30	15.7	3	1.6
Island Garden City of Samal	13	12.1	23	21.4	5	4.7
City of Tagum	141	52.7	306	114.3	227	84.8
Davao City	176	9.9	577	32.5	227	12.8
City of Digos	26	14.1	66	35.8	42	22.8
City of Mati	13	8.7	27	18.0	12	8.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

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
	389	8.0	1,181	24.3	326	6.7
REGION XII - SOCCSKSARGEN						
Cotabato	95	6.5	307	21.1	32	2.2
Saranggani	35	6.1	59	10.2	8	1.4
South Cotabato	33	4.2	189	23.8	24	3.0
Sultan Kudarat	53	7.1	143	19.2	29	3.9
Cotabato City	5	1.6	13	4.2	9	2.9
City of Kidapawan	26	55.9	82	176.4	20	43.0
General Santos City	77	12.1	154	24.1	115	18.0
City of Koronadal	47	25.0	163	86.8	74	39.4
City of Tacurong	18	17.6	71	69.3	15	14.6
REGION XIII - CARAGA	368	13.5	536	19.7	146	5.4
Agusan del Norte	32	5.2	38	6.2	1	0.2
Agusan del Sur	58	9.3	68	10.9	20	3.2
Surigao del Norte	46	13.0	48	13.6	4	1.1
Surigao del Sur	39	8.5	84	18.3	13	2.8
Dinagat Island	9	6.9	28	21.5	-	0.0
Butuan City	70	73.8	102	107.5	48	50.6
City of Cabadbaran	14	68.5	15	73.4	3	14.7
City of Bayugan	6	5.6	11	10.3	1	0.9
Surigao City	68	41.2	91	55.1	38	23.0
City of Bislig	9	9.1	27	27.4	8	8.1
City of Tandag	17	29.1	24	41.1	10	17.1
BARMM	34	0.8	61	1.5	62	1.5
Basilan	2	0.5	1	0.3	-	0.0
Lanao del Sur	10	1.1	10	1.1	-	0.0
Maguindanao	10	0.8	21	1.6	11	0.9
Sulu	2	0.2	10	1.1	9	1.0
Tawi-tawi	2	0.5	4	1.0	2	0.5
City of Lamitan	2	26.4	5	66.1	4	52.9
Marawi City	6	2.8	10	4.6	36	16.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Congenital Anomalies		Transport Accidents		Falls	
	(Q00-Q99)		(V00-V99)		(W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	5,912	5.5	12,799	11.9	3,144	2.9
NATIONAL CAPITAL REGION	1,370	10.0	554	4.1	388	2.8
City of Manila	357	18.9	94	5.0	72	3.8
City of Mandaluyong	21	5.1	1	0.2	10	2.4
City of Marikina	44	9.2	76	15.9	31	6.5
City of Pasig	102	12.8	23	2.9	17	2.1
Quezon City	546	17.6	184	5.9	135	4.3
San Juan	9	7.0	3	2.3	6	4.6
Kalookan City	60	3.6	35	2.1	23	1.4
City of Malabon	8	2.1	2	0.5	2	0.5
Navotas	5	1.9	4	1.5	3	1.1
City of Valenzuela	33	5.0	24	3.7	12	1.8
City of Las Piñas	34	5.5	14	2.2	16	2.6
City of Makati	31	5.0	16	2.6	14	2.3
City of Muntinlupa	45	8.4	20	3.7	11	2.1
City of Parañaque	18	2.6	18	2.6	8	1.1
Pasay City	17	3.9	9	2.0	11	2.5
Pateros	5	7.4	-	0.0	-	0.0
City of Taguig	35	4.1	31	3.6	17	2.0
CORDILLERA ADMINISTRATIVE REGION	77	4.3	222	12.4	122	6.8
Abra	11	4.5	31	12.6	27	11.0
Apayao	3	2.4	45	36.6	5	4.1
Benguet	6	1.3	21	4.4	23	4.9
Ifugao	6	2.9	22	10.5	15	7.2
Kalinga	3	1.4	39	17.8	7	3.2
Mt. Province	7	4.5	21	13.4	15	9.6
Baguio City	41	11.2	43	11.8	30	8.2
REGION I - ILOCOS	294	5.6	1,020	19.5	168	3.2
Ilocos Norte	9	2.1	61	13.9	15	3.4
Ilocos Sur	22	3.7	84	14.2	11	1.9
La Union	15	2.2	86	12.4	9	1.3
Pangasinan	59	2.4	245	9.9	45	1.8
City of Batac	41	72.2	61	107.5	9	15.9
Laoag City	9	7.9	22	19.3	4	3.5
City of Candon	5	8.0	17	27.2	-	0.0
City of Vigan	12	21.6	17	30.6	3	5.4
City of San Fernando	36	28.3	123	96.8	24	18.9
City of Alaminos	3	3.2	19	20.3	3	3.2
Dagupan City	56	31.3	192	107.5	31	17.4
San Carlos City	22	11.2	47	23.9	10	5.1
City of Urdaneta	5	3.6	46	33.2	4	2.9

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Congenital Anomalies		Transport Accidents		Falls	
	(Q00-Q99)		(V00-V99)		(W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	203	5.6	775	21.4	118	3.3
Batanes	2	11.3	2	11.3	4	22.5
Cagayan	30	2.7	99	9.0	33	3.0
Isabela	34	2.7	163	13.2	23	1.9
Nueva Vizcaya	28	5.9	134	28.1	13	2.7
Quirino	7	3.6	23	11.7	3	1.5
Tuguegarao City	48	29.8	195	120.9	33	20.5
City of Cauayan	13	9.6	42	31.0	3	2.2
Ilagan City	12	7.9	38	24.9	3	2.0
City of Santiago	29	20.5	79	56.0	3	2.1
REGION III - CENTRAL LUZON	582	4.8	1,432	11.8	201	1.7
Aurora	7	3.1	44	19.5	3	1.3
Bataan	8	1.1	60	8.4	6	0.8
Bulacan	66	2.7	137	5.6	28	1.1
Nueva Ecija	36	2.3	162	10.2	13	0.8
Pampanga	33	1.8	90	5.0	14	0.8
Tarlac	50	4.6	139	12.9	11	1.0
Zambales	29	4.6	56	8.9	10	1.6
City of Balanga	52	50.1	55	53.0	6	5.8
City of Malolos	64	23.3	85	31.0	19	6.9
City of Meycauayan	10	4.4	2	0.9	1	0.4
City of San Jose Del Monte	12	1.9	8	1.3	4	0.6
Cabanatuan City	51	15.7	131	40.3	17	5.2
City of Gapan	4	3.4	18	15.2	3	2.5
Science City of Muñoz	2	2.3	7	8.0	2	2.3
Palayan City	2	4.5	7	15.9	1	2.3
San Jose City	6	4.0	31	20.6	2	1.3
Angeles City	20	4.5	22	4.9	8	1.8
Mabalacat City	9	3.3	28	10.3	8	2.9
City of San Fernando	60	18.0	123	36.8	13	3.9
City of Tarlac	45	12.4	180	49.8	15	4.1
Olongapo City	16	6.4	47	18.9	17	6.8
REGION IVA - CALABARZON	787	5.0	1,305	8.3	321	2.0
Batangas	98	4.8	186	9.1	34	1.7
Cavite	46	3.0	97	6.3	22	1.4
Laguna	57	5.3	93	8.6	13	1.2
Quezon	68	3.7	213	11.5	41	2.2
Rizal	76	3.3	59	2.6	22	1.0
Batangas City	82	22.6	223	61.5	49	13.5
Lipa City	23	6.3	40	10.9	10	2.7
City of Tanauan	17	8.9	20	10.5	13	6.8
Bacoor City	10	1.5	13	1.9	5	0.7
Cavite City	6	5.2	3	2.6	1	0.9

Table 29

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By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Congenital Anomalies		Transport Accidents		Falls	
	(Q00-Q99)		(V00-V99)		(W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
City of Dasmarinas	42	5.7	43	5.8	20	2.7
City of General Trias	13	3.7	23	6.5	6	1.7
Imus City	11	2.4	16	3.5	6	1.3
Tagaytay City	4	5.0	19	23.9	5	6.3
Trece Martires City	22	12.6	25	14.4	8	4.6
City of Biñan	36	10.0	18	5.0	10	2.8
Cabuyao City	6	1.8	9	2.7	3	0.9
City of Calamba	23	4.7	27	5.5	9	1.8
San Pablo City	18	6.2	37	12.8	16	5.6
City of San Pedro	8	2.3	7	2.0	6	1.7
City of Santa Rosa	21	5.5	17	4.4	4	1.0
Lucena City	5	4.8	12	11.4	3	2.9
City of Tayabas	56	20.0	76	27.1	8	2.9
City of Antipolo	39	4.6	29	3.4	7	0.8
REGION IVB - MIMAROPA	159	5.1	412	13.1	69	2.2
Marinduque	14	5.8	10	4.2	10	4.2
Occidental Mindoro	25	4.9	64	12.5	10	2.0
Oriental Mindoro	15	2.0	64	8.5	10	1.3
Palawan	28	3.0	107	11.6	11	1.2
Romblon	21	7.0	32	10.7	15	5.0
Calapan City	37	26.2	74	52.4	8	5.7
Puerto Princesa City	19	6.9	61	22.1	5	1.8
REGION V - BICOL	298	4.9	746	12.3	198	3.3
Albay	59	6.4	135	14.7	38	4.1
Camarines Norte	28	4.6	57	9.3	18	2.9
Camarines Sur	43	2.5	133	7.7	36	2.1
Catanduanes	7	2.6	26	9.6	12	4.4
Masbate	17	2.0	25	3.0	12	1.4
Sorsogon	7	1.1	65	9.9	21	3.2
Legazpi City	19	9.2	38	18.4	9	4.4
City of Ligao	8	6.8	10	8.5	3	2.6
City of Tabaco	4	2.8	8	5.7	2	1.4
Iriga City	4	3.4	17	14.6	4	3.4
Naga City	77	37.6	164	80.1	24	11.7
City of Masbate	15	15.1	34	34.2	8	8.1
City of Sorsogon	10	5.6	34	19.2	11	6.2
REGION VI - WESTERN VISAYAS	451	5.8	1,075	13.7	322	4.1
Aklan	29	4.8	81	13.5	28	4.7
Antique	40	6.6	98	16.2	64	10.5
Capiz	20	3.2	42	6.8	10	1.6
Guimaras	6	3.3	11	6.0	9	4.9
Iloilo	64	3.3	138	7.1	67	3.4
Negros Occidental	35	3.2	90	8.3	31	2.8

Table 29

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By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Congenital Anomalies		Transport Accidents		Falls	
	(Q00-Q99)		(V00-V99)		(W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
Roxas City	16	9.2	26	14.9	12	6.9
Iloilo City	86	18.3	182	38.8	33	7.0
City of Passi	2	2.4	5	5.9	2	2.4
Bacolod City	84	14.5	267	46.1	30	5.2
Bago City	3	1.7	15	8.5	6	3.4
Cadiz City	10	6.3	14	8.8	4	2.5
City of Escalante	5	5.2	9	9.3	-	0.0
City of Himamaylan	3	2.7	7	6.4	4	3.6
City of Kabankalan	9	4.8	27	14.4	2	1.1
La Carlota City	3	4.5	8	12.0	1	1.5
Sagay City	3	2.0	7	4.6	3	2.0
San Carlos City	11	8.1	13	9.5	2	1.5
Silay City	13	9.9	13	9.9	4	3.1
City of Sipalay	4	5.5	6	8.3	5	6.9
City of Talisay	1	0.9	10	9.5	4	3.8
City of Victorias	4	4.4	6	6.6	1	1.1
REGION VII - CENTRAL VISAYAS	477	6.1	931	11.9	327	4.2
Bohol	55	4.4	129	10.3	68	5.5
Cebu	67	3.0	114	5.0	81	3.6
Negros Oriental	16	1.9	90	10.9	30	3.6
Siquijor	5	5.0	16	16.1	1	1.0
Tagbilaran City	37	34.1	128	118.1	29	26.7
City of Bogo	6	7.1	9	10.7	4	4.7
City of Carcar	10	7.7	14	10.8	3	2.3
Cebu City	170	17.1	219	22.0	52	5.2
Danao City	8	5.4	4	2.7	-	0.0
Lapu-Lapu City	8	1.8	6	1.4	8	1.8
Mandaue City	21	5.4	12	3.1	3	0.8
City of Naga	4	3.2	7	5.6	4	3.2
City of Talisay	12	4.9	-	0.0	8	3.3
Toledo City	8	4.3	3	1.6	5	2.7
Bais City	2	2.5	5	6.4	2	2.5
City of Bayawan	8	6.6	25	20.6	8	6.6
Canlaon City	4	7.1	5	8.9	1	1.8
Dumaguete City	34	25.1	129	95.3	14	10.3
City of Guihulngan	-	0.0	9	9.1	2	2.0
City of Tanjay	2	2.4	7	8.4	4	4.8
REGION VIII - EASTERN VISAYAS	161	3.4	614	13.1	155	3.3
Biliran	4	2.2	19	10.7	10	5.6
Eastern Samar	1	0.2	30	7.1	8	1.9
Leyte	22	1.5	170	11.4	31	2.1
Northern Samar	18	2.7	66	10.0	18	2.7
Samar	2	0.4	38	7.4	12	2.3
Southern Leyte	12	3.4	30	8.6	14	4.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Congenital Anomalies		Transport Accidents		Falls	
	(Q00-Q99)		(V00-V99)		(W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
City of Borongan	4	5.4	14	19.0	4	5.4
City of Baybay	8	6.9	18	15.5	14	12.0
Ormoc City	20	8.7	53	23.2	8	3.5
Tacloban City	54	21.0	129	50.1	16	6.2
Calbayog City	2	1.0	24	12.5	5	2.6
City of Catbalogan	6	5.5	13	12.0	3	2.8
City of Maasin	8	9.0	10	11.2	12	13.5
REGION IX - ZAMBOANGA PENINSULA	136	3.6	450	12.0	105	2.8
Zamboanga Del Norte	8	1.0	55	6.7	23	2.8
Zamboanga Del Sur	20	2.4	86	10.3	23	2.8
Zamboanga Sibugay	16	2.4	67	10.0	9	1.3
Dapitan City	2	2.4	11	13.0	3	3.5
Dipolog City	13	9.7	62	46.1	8	5.9
City of Isabela	4	3.2	1	0.8	1	0.8
Pagadian City	13	6.4	56	27.5	5	2.5
Zamboanga City	60	6.8	112	12.7	33	3.7
REGION X - NORTHERN MINDANAO	286	5.8	946	19.1	233	4.7
Bukidnon	40	3.6	191	17.3	29	2.6
Camiguin	3	3.3	8	8.7	6	6.5
Lanao del Norte	13	1.8	51	7.1	16	2.2
Misamis Occidental	6	1.8	38	11.3	17	5.0
Misamis Oriental	19	2.5	107	14.1	19	2.5
City of Malaybalay	19	10.3	123	66.8	8	4.3
City of Valencia	9	4.4	38	18.7	2	1.0
Iligan City	28	7.7	38	10.5	44	12.1
Oroquieta City	4	5.5	12	16.4	5	6.8
Ozamis City	33	22.5	67	45.7	25	17.0
Tangub City	1	1.5	7	10.7	-	0.0
Cagayan de Oro City	107	14.8	234	32.5	44	6.1
City of El Salvador	-	0.0	6	11.2	4	7.5
Gingoog City	4	3.0	26	19.6	14	10.5
REGION XI - DAVAO	335	6.4	1,243	23.9	208	4.0
Compostela Valley	15	2.0	130	16.9	18	2.3
Davao	12	2.5	48	9.9	6	1.2
Davao Del Sur	17	3.4	76	15.1	24	4.8
Davao Oriental	17	3.8	43	9.7	12	2.7
Davao Occidental	5	1.5	8	2.4	7	2.1
City of Panabo	4	2.1	25	13.1	4	2.1
Island Garden City of Samal	5	4.7	6	5.6	4	3.7
City of Tagum	65	24.3	395	147.5	43	16.1
Davao City	171	9.6	434	24.4	78	4.4
City of Digos	17	9.2	48	26.0	5	2.7
City of Mati	7	4.7	30	20.0	7	4.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Congenital Anomalies (Q00-Q99)		Transport Accidents (V00-V99)		Falls (W00-W19)	
	No.	Rate	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	190	3.9	648	13.4	121	2.5
Cotabato	32	2.2	128	8.8	25	1.7
Saranggani	7	1.2	58	10.1	12	2.1
South Cotabato	26	3.3	108	13.6	9	1.1
Sultan Kudarat	20	2.7	46	6.2	11	1.5
Cotabato City	3	1.0	19	6.2	1	0.3
City of Kidapawan	18	38.7	53	114.0	6	12.9
General Santos City	47	7.4	111	17.4	46	7.2
City of Koronadal	28	14.9	106	56.4	10	5.3
City of Tacurong	9	8.8	19	18.5	1	1.0
REGION XIII - CARAGA	95	3.5	389	14.3	81	3.0
Agusan del Norte	2	0.3	26	4.2	3	0.5
Agusan del Sur	10	1.6	77	12.4	16	2.6
Surigao del Norte	4	1.1	53	15.0	9	2.5
Surigao del Sur	8	1.7	47	10.3	14	3.1
Dinagat Island	4	3.1	7	5.4	2	1.5
Butuan City	22	23.2	68	71.7	14	14.8
City of Cabadbaran	1	4.9	19	93.0	2	9.8
City of Bayugan	2	1.9	21	19.6	-	0.0
Surigao City	20	12.1	42	25.4	11	6.7
City of Bislig	7	7.1	11	11.2	8	8.1
City of Tandag	15	25.7	18	30.8	2	3.4
BARMM	11	0.3	37	0.9	7	0.2
Basilan	-	0.0	3	0.8	-	0.0
Lanao del Sur	3	0.3	16	1.8	-	0.0
Maguindanao	1	0.1	10	0.8	4	0.3
Sulu	3	0.3	5	0.6	-	0.0
Tawi-tawi	-	0.0	2	0.5	3	0.7
City of Lamitan	1	13.2	-	0.0	-	0.0
Marawi City	3	1.4	1	0.5	-	0.0

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
PHILIPPINES	3,295	3.1	8,831	8.2
NATIONAL CAPITAL REGION	97	0.7	1,007	7.4
City of Manila	23	1.2	229	12.2
City of Mandaluyong	3	0.7	22	5.4
City of Marikina	5	1.0	40	8.4
City of Pasig	6	0.8	40	5.0
Quezon City	14	0.5	205	6.6
San Juan	-	0.0	9	7.0
Kalookan City	2	0.1	124	7.4
City of Malabon	4	1.0	27	7.0
Navotas	10	3.8	25	9.5
City of Valenzuela	8	1.2	32	4.9
City of Las Piñas	1	0.2	40	6.4
City of Makati	5	0.8	27	4.4
City of Muntinlupa	3	0.6	43	8.1
City of Parañaque	8	1.1	44	6.2
Pasay City	3	0.7	40	9.1
Pateros	1	1.5	-	0.0
City of Taguig	1	0.1	60	7.0
CORDILLERA ADMINISTRATIVE REGION	49	2.7	107	6.0
Abra	8	3.2	40	16.2
Apayao	15	12.2	11	8.9
Benguet	6	1.3	11	2.3
Ifugao	4	1.9	3	1.4
Kalinga	10	4.6	11	5.0
Mt. Province	1	0.6	14	8.9
Baguio City	5	1.4	17	4.7
REGION I - ILOCOS	238	4.6	225	4.3
Ilocos Norte	18	4.1	14	3.2
Ilocos Sur	23	3.9	36	6.1
La Union	27	3.9	13	1.9
Pangasinan	103	4.2	87	3.5
City of Batac	3	5.3	3	5.3
Laoag City	3	2.6	3	2.6
City of Candon	6	9.6	6	9.6
City of Vigan	3	5.4	7	12.6
City of San Fernando	12	9.4	12	9.4
City of Alaminos	7	7.5	2	2.1
Dagupan City	16	9.0	30	16.8
San Carlos City	14	7.1	7	3.6
City of Urdaneta	3	2.2	5	3.6

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
REGION II - CAGAYAN VALLEY	234	6.5	226	6.2
Batanes	1	5.6	-	0.0
Cagayan	104	9.5	66	6.0
Isabela	64	5.2	70	5.6
Nueva Vizcaya	26	5.4	20	4.2
Quirino	9	4.6	6	3.1
Tuguegarao City	12	7.4	34	21.1
City of Cauayan	7	5.2	14	10.3
Ilagan City	5	3.3	10	6.6
City of Santiago	6	4.2	6	4.2
REGION III - CENTRAL LUZON	365	3.0	1,099	9.1
Aurora	19	8.4	6	2.7
Bataan	19	2.6	33	4.6
Bulacan	95	3.9	217	8.8
Nueva Ecija	51	3.2	230	14.5
Pampanga	45	2.5	76	4.3
Tarlac	27	2.5	59	5.5
Zambales	38	6.0	27	4.3
City of Balanga	4	3.9	10	9.6
City of Malolos	5	1.8	23	8.4
City of Meycauayan	-	0.0	21	9.2
City of San Jose Del Monte	6	1.0	109	17.5
Cabanatuan City	11	3.4	89	27.4
City of Gapan	2	1.7	23	19.4
Science City of Muñoz	3	3.4	11	12.6
Palayan City	2	4.5	11	24.9
San Jose City	8	5.3	29	19.3
Angeles City	5	1.1	32	7.1
Mabalacat City	1	0.4	21	7.7
City of San Fernando	10	3.0	30	9.0
City of Tarlac	6	1.7	24	6.6
Olongapo City	8	3.2	18	7.2
REGION IVA - CALABARZON	348	2.2	1,222	7.8
Batangas	56	2.7	155	7.6
Cavite	22	1.4	99	6.5
Laguna	25	2.3	81	7.5
Quezon	84	4.5	116	6.3
Rizal	34	1.5	97	4.2
Batangas City	12	3.3	47	13.0
Lipa City	6	1.6	34	9.3
City of Tanauan	-	0.0	19	10.0
Bacoor City	12	1.8	41	6.1
Cavite City	2	1.7	9	7.8

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
City of Dasmariñas	12	1.6	52	7.1
City of General Trias	5	1.4	39	11.1
Imus City	2	0.4	30	6.6
Tagaytay City	3	3.8	7	8.8
Trece Martires City	4	2.3	10	5.7
City of Biñan	5	1.4	38	10.5
Cabuyao City	1	0.3	27	8.1
City of Calamba	22	4.5	67	13.6
San Pablo City	4	1.4	37	12.8
City of San Pedro	-	0.0	21	6.0
City of Santa Rosa	6	1.6	15	3.9
Lucena City	-	0.0	8	7.6
City of Tayabas	21	7.5	98	35.0
City of Antipolo	10	1.2	75	8.8
REGION IVB - MIMAROPA	152	4.8	157	5.0
Marinduque	5	2.1	-	0.0
Occidental Mindoro	32	6.3	25	4.9
Oriental Mindoro	27	3.6	44	5.9
Palawan	44	4.8	45	4.9
Romblon	19	6.3	10	3.3
Calapan City	9	6.4	11	7.8
Puerto Princesa City	16	5.8	22	8.0
REGION V - BICOL	278	4.6	428	7.0
Albay	26	2.8	51	5.6
Camarines Norte	46	7.5	36	5.9
Camarines Sur	73	4.2	80	4.7
Catanduanes	24	8.9	16	5.9
Masbate	41	4.9	100	12.1
Sorsogon	38	5.8	34	5.2
Legazpi City	4	1.9	15	7.3
City of Ligao	3	2.6	4	3.4
City of Tabaco	4	2.8	6	4.3
Iriga City	4	3.4	9	7.7
Naga City	7	3.4	28	13.7
City of Masbate	5	5.0	29	29.2
City of Sorsogon	3	1.7	20	11.3
REGION VI - WESTERN VISAYAS	344	4.4	645	8.2
Aklan	40	6.7	31	5.2
Antique	24	4.0	69	11.4
Capiz	45	7.3	47	7.6
Guimaras	8	4.4	7	3.8
Iloilo	84	4.3	107	5.5
Negros Occidental	44	4.0	111	10.2

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
Roxas City	5	2.9	20	11.5
Iloilo City	24	5.1	58	12.4
City of Passi	6	7.1	5	5.9
Bacolod City	14	2.4	70	12.1
Bago City	5	2.8	8	4.5
Cadiz City	4	2.5	11	6.9
City of Escalante	6	6.2	8	8.3
City of Himamaylan	2	1.8	7	6.4
City of Kabankalan	10	5.3	22	11.7
La Carlota City	2	3.0	1	1.5
Sagay City	3	2.0	12	8.0
San Carlos City	3	2.2	11	8.1
Silay City	4	3.1	12	9.2
City of Sipalay	5	6.9	12	16.6
City of Talisay	4	3.8	8	7.6
City of Victorias	2	2.2	8	8.8
REGION VII - CENTRAL VISAYAS	276	3.5	861	11.0
Bohol	59	4.7	63	5.1
Cebu	100	4.4	136	6.0
Negros Oriental	29	3.5	116	14.1
Siquijor	4	4.0	3	3.0
Tagbilaran City	3	2.8	16	14.8
City of Bogo	1	1.2	7	8.3
City of Carcar	2	1.5	10	7.7
Cebu City	14	1.4	182	18.3
Danao City	7	4.8	13	8.8
Lapu-Lapu City	12	2.7	45	10.2
Mandaue City	8	2.0	60	15.3
City of Naga	-	0.0	6	4.8
City of Talisay	8	3.3	71	28.9
Toledo City	6	3.3	10	5.4
Bais City	4	5.1	10	12.7
City of Bayawan	8	6.6	18	14.8
Canlaon City	-	0.0	18	32.0
Dumaguete City	4	3.0	42	31.0
City of Guihulngan	2	2.0	28	28.3
City of Tanjay	5	6.0	7	8.4
REGION VIII - EASTERN VISAYAS	179	3.8	367	7.8
Biliran	6	3.4	10	5.6
Eastern Samar	18	4.3	24	5.7
Leyte	60	4.0	110	7.4
Northern Samar	35	5.3	75	11.3
Samar	9	1.8	32	6.2
Southern Leyte	13	3.7	12	3.4

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
City of Borongan	9	12.2	8	10.9
City of Baybay	5	4.3	7	6.0
Ormoc City	5	2.2	16	7.0
Tacloban City	5	1.9	23	8.9
Calbayog City	8	4.2	38	19.8
City of Catbalogan	4	3.7	6	5.5
City of Maasin	2	2.2	6	6.7
REGION IX - ZAMBOANGA PENINSULA	121	3.2	330	8.8
Zamboanga Del Norte	27	3.3	53	6.5
Zamboanga Del Sur	22	2.6	93	11.2
Zamboanga Sibugay	22	3.3	47	7.0
Dapitan City	16	18.9	-	0.0
Dipolog City	4	3.0	14	10.4
City of Isabela	2	1.6	9	7.2
Pagadian City	5	2.5	28	13.7
Zamboanga City	23	2.6	86	9.7
REGION X - NORTHERN MINDANAO	160	3.2	490	9.9
Bukidnon	30	2.7	131	11.9
Camiguin	3	3.3	5	5.5
Lanao del Norte	18	2.5	50	7.0
Misamis Occidental	9	2.7	24	7.1
Misamis Oriental	28	3.7	50	6.6
City of Malaybalay	8	4.3	48	26.1
City of Valencia	11	5.4	32	15.7
Iligan City	15	4.1	30	8.3
Oroquieta City	5	6.8	3	4.1
Ozamis City	2	1.4	19	13.0
Tangub City	3	4.6	14	21.5
Cagayan de Oro City	26	3.6	65	9.0
City of El Salvador	-	0.0	1	1.9
Gingoog City	2	1.5	18	13.5
REGION XI - DAVAO	199	3.8	661	12.7
Compostela Valley	30	3.9	114	14.9
Davao	31	6.4	62	12.8
Davao Del Sur	11	2.2	43	8.5
Davao Oriental	30	6.8	66	14.9
Davao Occidental	13	3.9	20	6.0
City of Panabo	6	3.1	21	11.0
Island Garden City of Samal	6	5.6	6	5.6
City of Tagum	14	5.2	107	40.0
Davao City	46	2.6	163	9.2
City of Digos	6	3.3	31	16.8
City of Mati	6	4.0	28	18.7

Table 29

SELECTED CAUSES OF DEATH
By Region, Province and City
Number and Rate/100,000 Population
Philippines, 2019

AREA	Accidental Drowning & Submersion (W65-W74)		Assault (X85-Y09)	
	No.	Rate	No.	Rate
REGION XII - SOCCSKSARGEN	119	2.5	625	12.9
Cotabato	34	2.3	183	12.6
Saranggani	22	3.8	39	6.8
South Cotabato	18	2.3	79	10.0
Sultan Kudarat	12	1.6	107	14.4
Cotabato City	2	0.7	26	8.5
City of Kidapawan	1	2.2	29	62.4
General Santos City	17	2.7	91	14.3
City of Koronadal	10	5.3	39	20.8
City of Tacurong	3	2.9	32	31.2
REGION XIII - CARAGA	122	4.5	248	9.1
Agusan del Norte	10	1.6	20	3.3
Agusan del Sur	24	3.9	66	10.6
Surigao del Norte	18	5.1	22	6.2
Surigao del Sur	27	5.9	53	11.6
Dinagat Island	7	5.4	-	0.0
Butuan City	13	13.7	33	34.8
City of Cabadbaran	5	24.5	5	24.5
City of Bayugan	1	0.9	12	11.2
Surigao City	11	6.7	17	10.3
City of Bislig	6	6.1	12	12.2
City of Tandag	-	0.0	8	13.7
BARMM	14	0.3	133	3.2
Basilan	1	0.3	10	2.7
Lanao del Sur	1	0.1	23	2.5
Maguindanao	8	0.6	63	4.9
Sulu	2	0.2	25	2.8
Tawi-tawi	1	0.2	9	2.2
City of Lamitan	1	13.2	1	13.2
Marawi City	-	0.0	2	0.9

Table 30

MORTALITY: 17 CAUSE GROUPS
Number, Rate/100,000 Population & Percent Distribution
Philippines, 2019

Cause Group	Male	Female	Both Sexes		
	Number	Number	Number	Rate	Percent
Total Deaths from All Causes	354,486	265,928	620,414	578.3	100.0
Certain infectious and parasitic diseases (A00-B94, B98-B99)	27,560	15,166	42,726	39.8	6.9
Neoplasms (C00-C97, D00-D48)	32,542	36,115	68,657	64.0	11.1
Disases of Blood and Blood Forming Organs (D50-D89)	2,148	2,191	4,339	4.0	0.7
Endocrine, Nutritional and Metabolic Diseases (E00-E88)	21,640	23,809	45,449	42.4	7.3
Mental & Behavioral Disorder (F00-F99)	669	417	1,086	1.0	0.2
Diseases of the Nervous System and Sense Organs (G00-G99;H00-H94)	5,845	4,456	10,301	9.6	1.7
Diseases of Circulatory System (I00-I99)	122,441	91,184	213,625	199.1	34.4
Diseases of the Respiratory System (J00-J98)	54,003	41,876	95,879	89.4	15.5
Diseases of Digestive System (K00-K92)	17,046	8,119	25,165	23.5	4.1
Diseases of the skin and subcutaneous tissues (L00-L98)	1,686	2,032	3,718	3.5	0.6
Diseases of Musculoskeletal System and connective tissue (M00-M99)	2,363	1,995	4,358	4.1	0.7
Diseases of Genito-Urinary System (N00-N98)	12,068	8,535	20,603	19.2	3.3
Complication of pregnancy and the puerperium (O00-O99)	-	1,458	1,458	1.4	0.2
Certain conditions originating in the perinatal period (P00-P96)	6,545	4,715	11,260	10.5	1.8
Congenital Anomalies (Q00-Q99)	3,129	2,783	5,912	5.5	1.0
III-defined and unknown causes of mortality (R00-R99)	10,791	12,127	22,918	21.4	3.7
Accidents, violence and other external causes of poisoning & injury (V01-Y89)	34,010	8,950	42,960	40.0	6.9

Table 31

**MORTALITY: COMMUNICABLE DISEASES, MALIGNANT NEOPLASM
AND DISEASES OF THE HEART**
Number & Rate/100,000 Population
Philippines, 1969-2019

YEAR	Communicable Diseases		Malignant Neoplasms		Diseases of the Heart	
	Number	Rate	Number	Rate	Number	Rate
2019	106,686	101.7	64,815	61.8	147,927	137.9
2018	98,894	94.3	63,454	60.5	137,423	129.9
2017	99,676	95.0	60,807	58.0	134,826	128.5
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

Table 32

MORTALITY: TEN (10) LEADING CAUSES
Number & Rate/100,000 Population
Philippines
2019, 2009, 1999

Causes	2019	
	Number	Rate
1. Ischaemic heart diseases (I20-I25)	97,475	90.9
2. Malignant neoplasms (C00-C97)	64,815	60.4
3. Cerebrovascular diseases (I60-I69)	63,548	59.2
4. Pneumonia (J12-J18)	62,719	58.5
5. Diabetes Mellitus (E10-E14)	34,570	32.2
6. Hypertensive diseases (I10-I13)	27,764	25.9
7. Chronic lower respiratory infections (J40-J47)	26,576	24.8
8. Respiratory tuberculosis (A15-A16)	22,568	21.0
9. Other heart diseases (I26-I51)	20,416	19.0
10. Remainder of diseases of the genitourinary system (N17-N98)	17,215	16.0

Causes	2009	
	Number	Rate
1. Diseases of the heart (I00-I09, I11, I13, I20-I52)	100,908	109.4
2. Diseases of the vascular system (I10, I12, I60-I64, I67-I78, I80-I99)	65,489	71.0
3. Malignant neoplasms (C00-C97)	47,732	51.8
4. Pneumonia (J12-J18)	42,642	46.2
5. Accidents (V01-Y89)	35,990	39.0
6. Tuberculosis, all forms (A15-A19, B90)	25,470	27.6
7. Chronic lower respiratory diseases (J40-J47)	22,755	24.7
8. Diabetes mellitus (E10-E14)	22,345	24.2
9. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	13,799	15.0
10. Certain conditions originating in the perinatal period (P00-P96)	11,514	12.5

Causes	1999	
	Number	Rate
1. Diseases of the heart (I00-I09, I11, I13, I20-I52)	58,574	78.4
2. Diseases of the vascular system (I10, I12, I60-I64, I67-I78, I80-I99)	43,671	58.4
3. Malignant neoplasms (C00-C97)	34,238	45.8
4. Pneumonia (J12-J18)	32,883	44.0
5. Accidents (V01-Y89)	30,026	40.2
6. Tuberculosis, all forms (A15-A19, B90)	28,904	38.7
7. Chronic obstructive pulmonary diseases and allied conditions (J40-J47)	15,163	20.3
8. Certain conditions originating in the perinatal period (P00-P96)	12,800	17.1
9. Diabetes mellitus (E10-E14)	9,749	13.0
10. Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	7,544	10.1

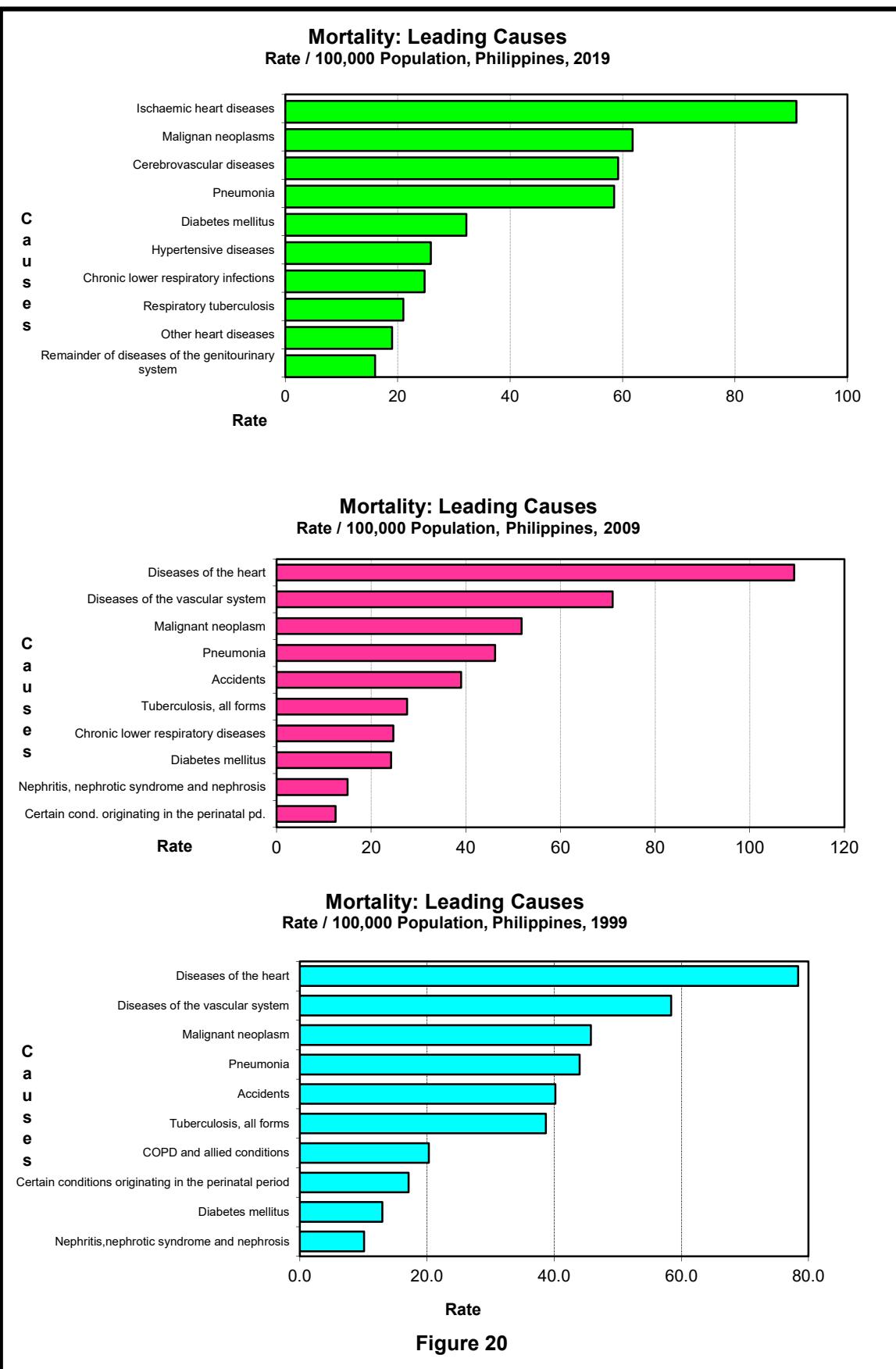


Table 33

INFANT MORTALITY: BY SMALLER AGE GROUPS
Number, Rate/1000 Livebirths & Percent Distribution
Philippines
5 - Year Average (2014-2018) & 2019

Age	5-Year Average (2014-2019)				2019			
	Number	Rate	% of Neonatal Deaths	% of Infant Deaths	Number	Rate	% of Neonatal Deaths	% of Infant Deaths
Under 1 Year	21,040	12.1	100.0	100.0	21,723	13.0		100.0
Under 28 Days	11,646	6.7	100.0	55.3	11,966	7.1	100.0	55.1
0 - 6 Days	8,927	5.1	77.0	42.6	8,992	5.4	75.1	41.4
7- 13 Days	1,337	0.8	11.1	6.1	1,569	0.9	13.1	7.2
14 - 20 Days	759	0.4	6.5	3.6	800	0.5	6.7	3.7
21- 27 Days	623	0.4	5.4	3.0	605	0.4	5.1	2.8
28 Days to Under 1 Year	9,394	5.4		44.7	9,757	5.8		44.9
28 - 59 days	2,230	1.3		10.6	2,194	1.3		10.1
2 Months	1,210	0.7		5.8	1,205	0.7		5.5
3 Months	957	0.6		4.6	1,045	0.6		4.8
4 Months	848	0.5		4.1	925	0.6		4.3
5 Months	789	0.5		3.7	841	0.5		3.9
6 Months	719	0.4		3.4	810	0.5		3.7
7 Months	641	0.4		3.1	714	0.4		3.3
8 Months	596	0.3		2.8	641	0.4		3.0
9 Months	521	0.3		2.5	527	0.3		2.4
10 Months	453	0.3		2.2	442	0.3		2.0
11 Months	430	0.3		2.1	413	0.2		1.9

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, 2019

CAUSE	Number	Rate	Percent*
1. Respiratory distress of newborn (P22)	2,675	1.6	12.3
2. Bacterial sepsis of newborn (P36)	2,253	1.3	10.4
3. Pneumonia (J12-J18)	1,881	1.1	8.7
4. Congenital pneumonia (P23)	1,674	1.0	7.7
5. Congenital malformations of the heart (Q20-Q24)	1,430	0.9	6.6
6. Other respiratory conditions of newborn (P24-P28)	1,324	0.8	6.1
7. Other congenital malformations (Q10-Q18, Q30-Q89)	1,175	0.7	5.4
8. Remainder of perinatal conditions (P29, P35, P37, P39, P70-P96)	1,162	0.7	5.3
9. Diarrhoea and gastroenteritis of presumed infectious origin (A09)	841	0.5	3.9
10. Intrauterine hypoxia and birth asphyxia (P20-P21)	808	0.5	3.7

* Percent share from total number of infant deaths (21,723), all causes, Philippines

INFANT MORTALITY: BY SMALLER AGE GROUPS
 Percent Distribution
 Philippines, 2019

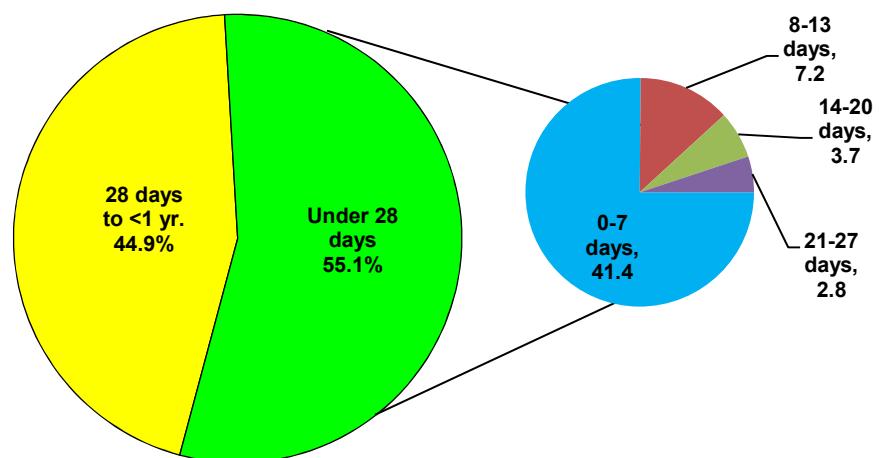


Figure 21

INFANT MORTALITY : TEN (10) LEADING CAUSES
 Rate / 1,000 Livebirth
 Philippines, 2019

Causes of Death

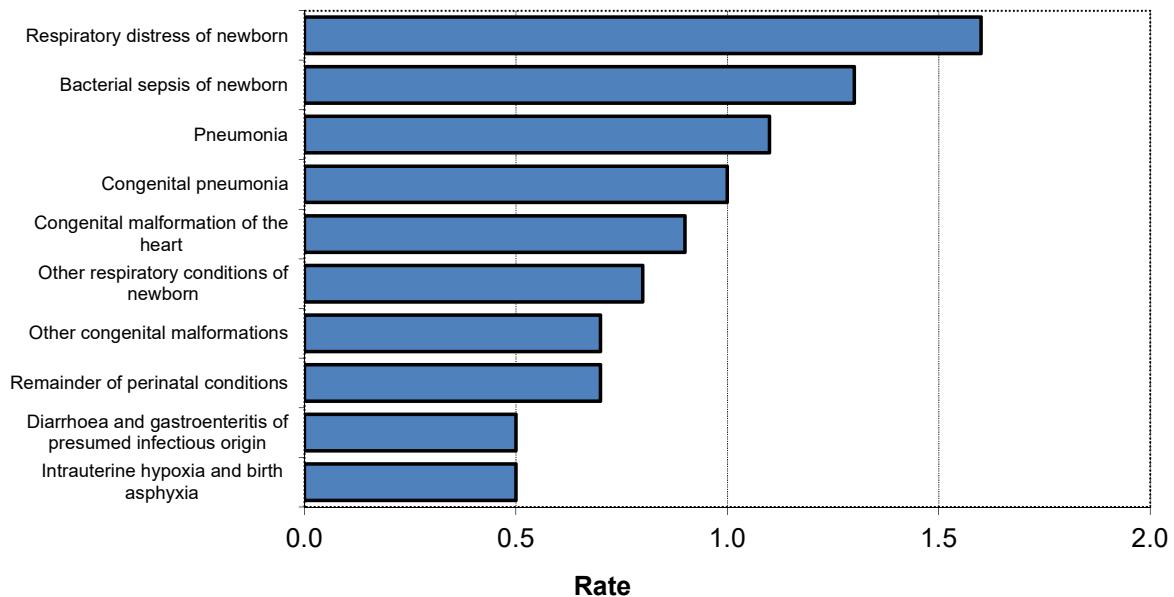


Figure 22

Table 35

INFANT MORTALITY: BY SEX AND REGION
Number & Rate/1000 Livebirths
Philippines, 2019

Area	Both Sexes		Male	Female
	Number	Rate	Number	Number
PHILIPPINES	21,723	13.0	12,473	9,250
National Capital Region	3,899	17.8	2,231	1,668
Cordillera Administrative Region	246	8.6	134	112
Region I - Ilocos	1,157	15.0	657	500
Region II - Cagayan Valley	577	10.7	341	236
Region III- Central Luzon	2,656	13.9	1,547	1,109
Region IVA - CALABARZON	3,948	15.9	2,236	1,712
Region IVB- MIMAROPA	699	15.0	396	303
Region V - Bicol	1,325	12.3	759	566
Region VI - Western Visayas	1,251	11.9	705	546
Region VII - Central Visayas	1,649	11.7	926	723
Region VIII - Eastern Visayas	580	8.6	344	236
Region IX - Zamboanga Peninsula	537	8.9	331	206
Region X - Northern Mindanao	908	10.2	532	376
Region XI - Davao	1,110	12.9	642	468
Region XII - SOCCSKSARGEN	633	8.1	365	268
Region XIII - CARAGA	410	9.4	251	159
BARMM	134	4.2	74	60
Foreign Country*	4	31.5	2	2

* Refers to usual residence (which is outside Philippines) of the deceased but event 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, 2019

	Cause	Number	Rate	Percent*
1	Eclampsia (O15)	233	0.1	16.0
2	Gestational [pregnancy-induced] hypertension with significant proteinuria (O14)	215	0.1	14.7
3	Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth, and the puerperium (O99)	153	0.1	10.5
4	Abnormality of forces of labor (O62)	147	0.1	10.1
5	Postpartum hemorrhage (O72)	143	0.1	9.8
6	Complications of the puerperium, not elsewhere classified (O90)	121	0.1	8.3
7	Obstetric embolism (O88)	50	0.0	3.4
8	Ectopic pregnancy (O00)	40	0.0	2.7
9	Hydatidiform mole (O01)	35	0.0	2.4
10	Death from any obstetric cause occurring more than 42 days but less than 1 year after delivery (O96)	35	0.0	2.4

* Percent share to total number of maternal deaths (n=1,458)

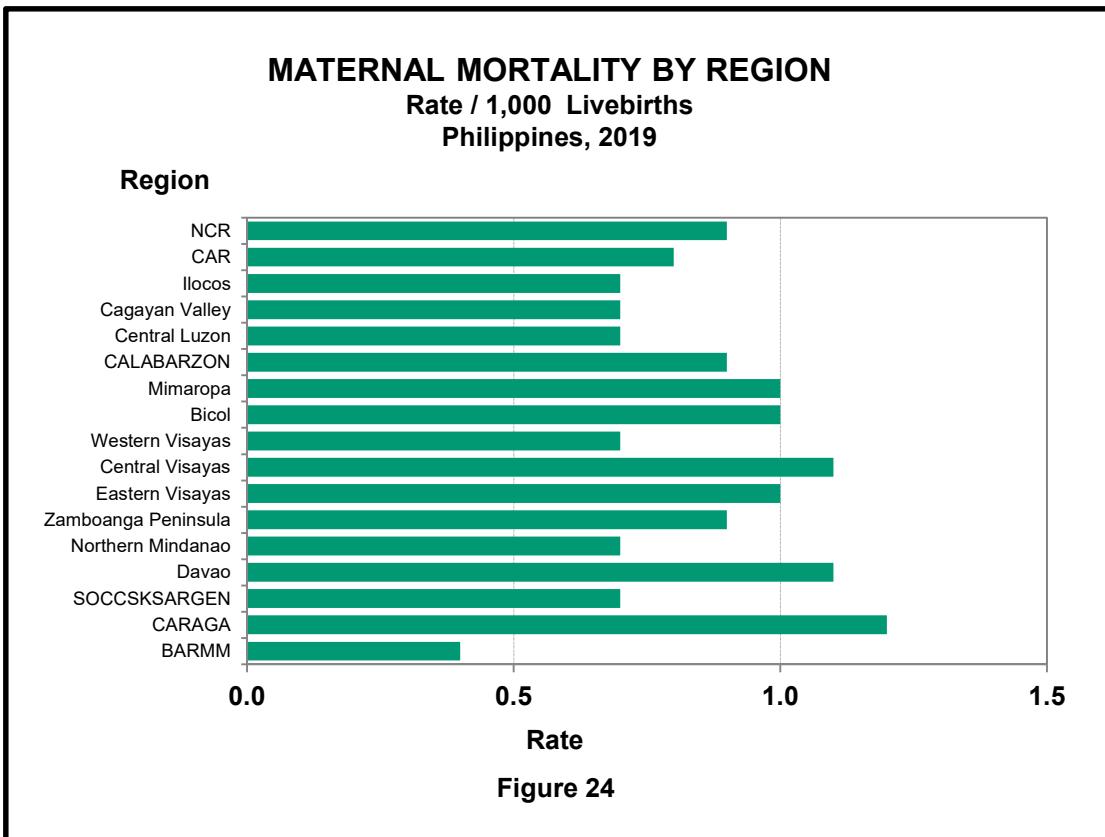
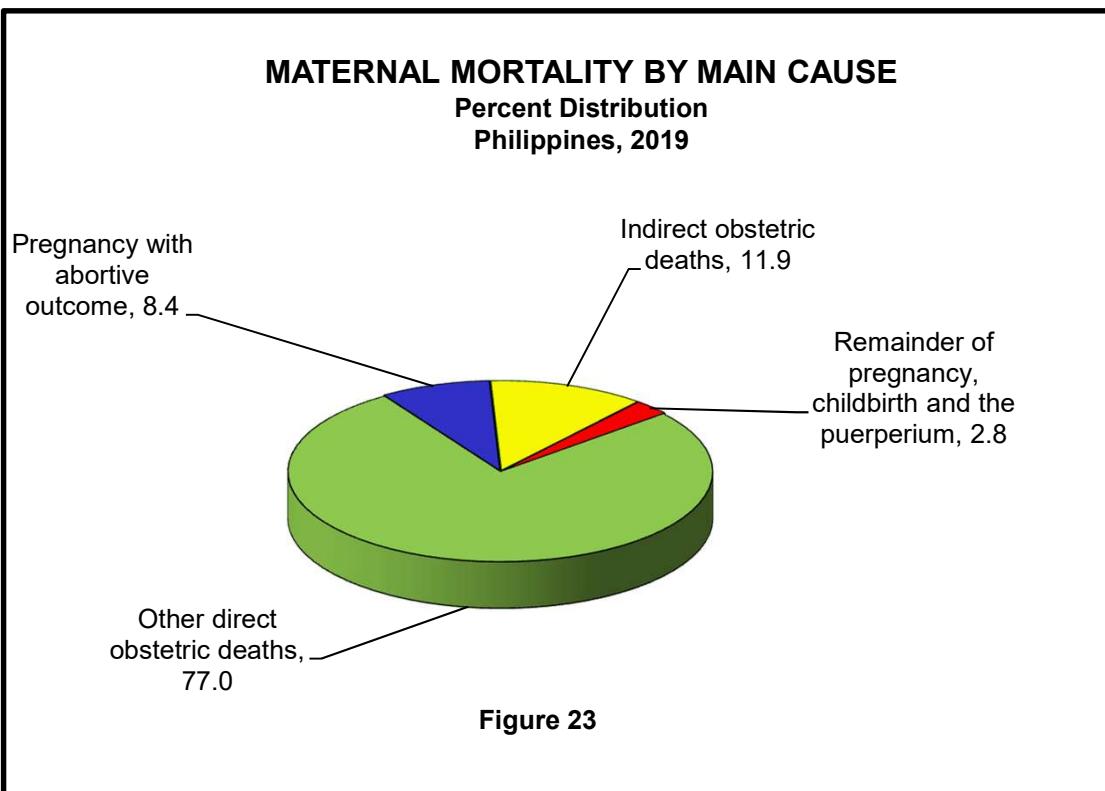


Table 37

MATERNAL MORTALITY: BY AGE GROUP OF MOTHER & REGION
Number, Rate/1000 Livebirths & Percent Distribution
Philippines, 2019

Region	Age Distribution					
	Total			Under 15 years		
	Number	Rate**	Percent	Number	Rate*	Percent
Philippines	1,458	0.9	100.0	3	1.2	100.0
National Capital Region	159	0.7	10.9	-	0.0	-
C.A.R.	23	0.8	1.6	-	0.0	0.0
Ilocos	50	0.7	3.4	-	0.0	0.0
Cagayan Valley	39	0.7	2.7	-	0.0	0.0
Central Luzon	139	0.7	9.5	1	3.3	33.3
Calabarzon	255	1.1	17.5	-	0.0	0.0
Mimaropa	46	1.0	3.2	-	0.0	0.0
Bicol	109	1.0	7.5	-	0.0	0.0
Western Visayas	77	0.7	5.3	-	0.0	0.0
Central Visayas	158	1.1	10.8	-	0.0	-
Eastern Visayas	67	1.0	4.6	-	0.0	0.0
Zamboanga Peninsula	51	0.9	3.5	1	11.9	33.3
Northern Mindanao	62	0.7	4.3	-	0.0	0.0
Davao	87	1.0	6.0	1	5.5	33.3
SOCCSKSARGEN	60	0.7	4.1	-	0.0	0.0
CARAGA	60	1.4	4.1	-	0.0	0.0
BARMM	16	0.6	1.1	-	0.0	0.0

* Rate per 1000 livebirths of the 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, 2019

Region	Age Distribution					
	15 - 19 years			20 - 24 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	114	0.6	100.0	245	0.6	100.0
National Capital Region	6	0.3	5.3	28	0.5	11.4
C.A.R.	1	0.3	0.9	4	0.5	1.6
Ilocos	5	0.6	4.4	8	0.4	3.3
Cagayan Valley	6	1.0	5.3	8	0.6	3.3
Central Luzon	10	0.5	8.8	24	0.5	9.8
Calabarzon	22	1.1	19.3	35	0.6	14.3
Mimaropa	-	0.0	0.0	8	0.6	3.3
Bicol	10	0.9	8.8	21	0.7	8.6
Western Visayas	6	0.6	5.3	10	0.4	4.1
Central Visayas	11	0.8	9.6	35	0.9	14.3
Eastern Visayas	8	1.0	7.0	13	0.7	5.3
Zamboanga Peninsula	5	0.7	4.4	6	0.4	2.4
Northern Mindanao	3	0.2	2.6	12	0.5	4.9
Davao	8	0.7	7.0	15	0.6	6.1
SOCCSKSARGEN	8	0.7	7.0	7	0.3	2.9
CARAGA	5	1.0	4.4	11	1.0	4.5
BARMM	-	0.0	0.0	-	0.0	0.0

* Rate per 1000 livebirths of the 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, 2019

Region	Age Distribution					
	25 - 29 years			30 -34 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	289	0.6	100.0	308	0.9	100.0
National Capital Region	26	0.4	9.0	38	0.7	12.3
C.A.R.	5	0.6	1.7	5	0.8	1.6
Ilocos	10	0.5	3.5	15	1.0	4.9
Cagayan Valley	4	0.3	1.4	10	1.0	3.2
Central Luzon	35	0.7	12.1	30	0.8	9.7
Calabarzon	48	0.8	16.6	53	1.1	17.2
Mimaropa	6	0.5	2.1	11	1.3	3.6
Bicol	24	0.9	8.3	18	0.9	5.8
Western Visayas	13	0.5	4.5	18	0.8	5.8
Central Visayas	34	0.9	11.8	26	0.9	8.4
Eastern Visayas	14	0.8	4.8	14	1.1	4.5
Zamboanga Peninsula	7	0.5	2.4	14	1.3	4.5
Northern Mindanao	8	0.3	2.8	10	0.6	3.2
Davao	20	0.9	6.9	19	1.2	6.2
SOCCSKSARGEN	16	0.8	5.5	9	0.6	2.9
CARAGA	18	1.6	6.2	11	1.4	3.6
BARMM	1	0.2	0.3	7	1.5	2.3

* Rate per 1000 livebirths of the 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, 2019

Region	Age Distribution					
	35 - 39 years			40 - 44 years		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	322	1.6	100.0	146	2.3	100.0
National Capital Region	40	1.3	12.4	18	2.0	12.3
C.A.R.	5	1.4	1.6	3	2.6	2.1
Ilocos	8	0.9	2.5	2	0.7	1.4
Cagayan Valley	8	1.4	2.5	2	1.1	1.4
Central Luzon	29	1.3	9.0	8	1.2	5.5
Calabarzon	67	2.4	20.8	26	3.1	17.8
Mimaropa	13	2.6	4.0	6	3.4	4.1
Bicol	25	2.0	7.8	10	2.1	6.8
Western Visayas	19	1.4	5.9	10	2.1	6.8
Central Visayas	34	2.1	10.6	15	2.8	10.3
Eastern Visayas	7	0.9	2.2	9	3.4	6.2
Zamboanga Peninsula	8	1.2	2.5	5	2.1	3.4
Northern Mindanao	19	2.0	5.9	8	2.3	5.5
Davao	16	1.7	5.0	8	2.6	5.5
SOCCSKSARGEN	12	1.4	3.7	8	2.8	5.5
CARAGA	6	1.3	1.9	7	4.3	4.8
BARMM	6	1.9	1.9	1	0.9	0.7

* Rate per 1000 livebirths of the 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, 2019

Region	Age Distribution					
	45 - 49 years			50 years & Over		
	Number	Rate*	Percent	Number	Rate*	Percent
Philippines	29	5.2	100.0	2	11.8	100.0
National Capital Region	3	5.2	10.3	-	0.0	0.0
C.A.R.	-	0.0	0.0	-	0.0	0.0
Ilocos	2	8.6	6.9	-	0.0	0.0
Cagayan Valley	1	5.7	3.4	-	0.0	0.0
Central Luzon	1	1.8	3.4	1	58.8	50.0
Calabarzon	3	4.6	10.3	1	76.9	50.0
Mimaropa	2	11.2	6.9	-	0.0	0.0
Bicol	1	2.1	3.4	-	0.0	0.0
Western Visayas	1	2.3	3.4	-	0.0	0.0
Central Visayas	3	7.4	10.3	-	0.0	0.0
Eastern Visayas	2	7.2	6.9	-	0.0	0.0
Zamboanga Peninsula	5	23.5	17.2	-	0.0	0.0
Northern Mindanao	2	5.4	6.9	-	0.0	0.0
Davao	-	0.0	0.0	-	0.0	0.0
SOCCSKSARGEN	-	0.0	0.0	-	0.0	0.0
CARAGA	2	11.7	6.9	-	0.0	0.0
BARMM	1	4.0	3.4	-	0.0	0.0

* Rate per 1000 livebirths of the 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, 2019

Area	Total Fetal Deaths	Type of Attendance											
		Physician		Nurse		Midwife		Hilot/Unlicensed Midwife		Others		Not Stated	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Philippines	9,083	8,820	97.1	13	0.1	189	2.1	48	0.5	6	0.1	7	0.1
NCR	1,494	1,466	98.1	-	0.0	23	1.5	1	0.1	1	0.1	3	0.2
CAR	101	101	100.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0
Ilocos	467	461	98.7	-	0.0	3	0.6	3	0.6	-	0.0	-	0.0
Cagayan Valley	183	181	98.9	-	0.0	2	1.1	-	0.0	-	0.0	-	0.0
Central Luzon	1,008	986	97.8	1	0.1	16	1.6	5	0.5	-	0.0	-	0.0
Calabarzon	1,604	1,551	96.7	3	0.2	39	2.4	10	0.6	1	0.1	-	0.0
Mimaropa	294	284	96.6	-	0.0	6	2.0	3	1.0	1	0.3	-	0.0
Bicol	885	859	97.1	2	0.2	19	2.1	2	0.2	-	0.0	3	0.3
Western Visayas	530	514	97.0	-	0.0	13	2.5	3	0.6	-	0.0	-	0.0
Central Visayas	919	876	95.3	-	0.0	37	4.0	6	0.7	-	0.0	-	0.0
Eastern Visayas	203	200	98.5	-	0.0	3	1.5	-	0.0	-	0.0	-	0.0
Zamboanga Peninsula	184	178	96.7	2	1.1	-	0.0	2	1.1	2	1.1	-	0.0
Northern Mindanao	341	335	98.2	-	0.0	2	0.6	3	0.9	-	0.0	1	0.3
Davao	501	481	96.0	-	0.0	13	2.6	6	1.2	1	0.2	-	0.0
SOCCSKSARGEN	250	231	92.4	4	1.6	12	4.8	3	1.2	-	0.0	-	0.0
CARAGA	108	106	98.1	-	0.0	1	0.9	1	0.9	-	0.0	-	0.0
BARMM	11	10	90.9	1	9.1	-	0.0	-	0.0	-	0.0	-	0.0

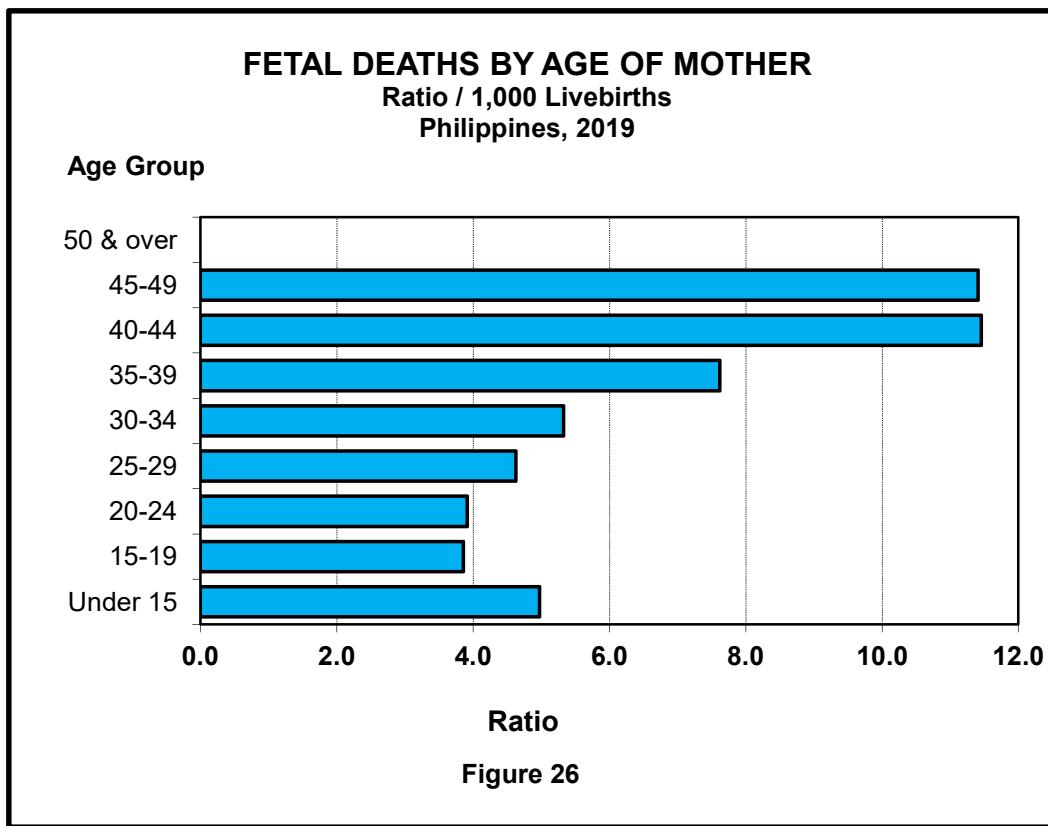
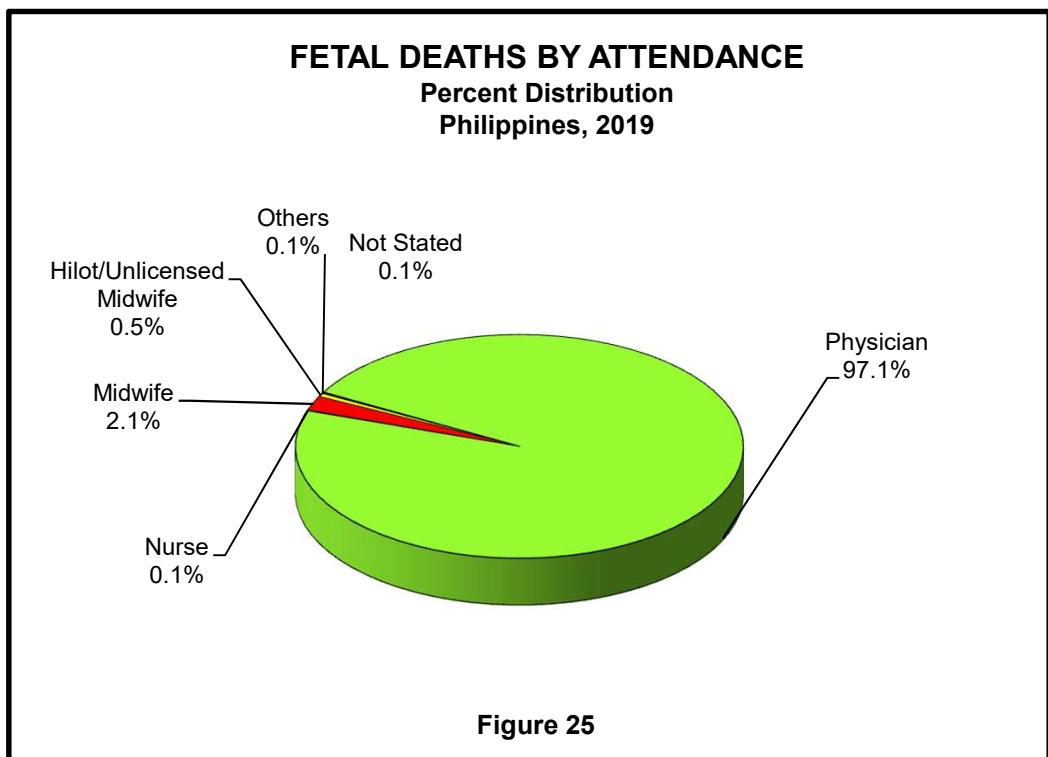


Table 39

LEADING* CAUSES OF FETAL DEATHS BY BIRTH WEIGHT
Number and Percent
Philippines, 2019

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	2,936	7	0.2	429	14.6	776	26.4
P21	Birth asphyxia	1,660	2	0.1	265	16.0	452	27.2
P96	Other conditions originating in the perinatal period	1,292	6	0.5	201	15.6	378	29.3
P02	Fetus and newborn affected by complications of placenta, cord and membranes	1,086	1	0.1	190	17.5	345	31.8
P07	Disorders related to short gestation and low birth weight, not elsewhere classified	447	2	0.4	107	23.9	188	42.1
Q89	Other congenital malformations, not elsewhere classified	408	-	0.0	92	22.5	151	37.0
P24	Neonatal aspiration syndromes	391	-	0.0	16	4.1	28	7.2
P20	Intrauterine hypoxia	167	-	0.0	23	13.8	52	31.1
P01	Fetus and newborn affected by maternal complications of pregnancy	127	-	0.0	37	29.1	39	30.7
Q00	Anencephaly and similar malformations	101	-	0.0	19	18.8	31	30.7
P22	Respiratory distress of newborn	87	-	0.0	12	13.8	24	27.6
P56	Hydrops fetalis due to haemolytic disease	62	-	0.0	21	33.9	22	35.5
P83	Other conditions of integument specific to fetus and newborn	53	-	0.0	14	26.4	17	32.1
Q03	Congenital hydrocephalus	51	-	0.0	3	5.9	9	17.6
Q24	Other congenital malformations of heart	47	-	0.0	8	17.0	6	12.8
P36	Bacterial sepsis of newborn	35	-	0.0	4	11.4	8	22.9
P28	Other respiratory conditions originating in the perinatal period	28	-	0.0	4	14.3	5	17.9
P29	Cardiovascular disorders originating in the perinatal period	28	-	0.0	7	25.0	5	17.9

*Causes with more than 10 deaths

Table 39

LEADING* CAUSES OF FETAL DEATHS BY BIRTH WEIGHT
Number and Percent
Philippines, 2019

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	454	15.5	390	13.3	334	11.4	105	3.6
Birth asphyxia	258	15.5	289	17.4	210	12.7	67	4.0
Other conditions originating in the perinatal period	178	13.8	178	13.8	151	11.7	31	2.4
Fetus and newborn affected by complications of placenta, cord and membranes	176	16.2	152	14.0	122	11.2	39	3.6
Disorders related to short gestation and low birth weight, not elsewhere classified	24	5.4	24	5.4	11	2.5	2	0.4
Other congenital malformations, not elsewhere classified	61	15.0	32	7.8	25	6.1	11	2.7
Neonatal aspiration syndromes	61	15.6	107	27.4	98	25.1	36	9.2
Intrauterine hypoxia	29	17.4	30	18.0	19	11.4	7	4.2
Fetus and newborn affected by maternal complications of pregnancy	13	10.2	16	12.6	6	4.7	4	3.1
Anencephaly and similar malformations	14	13.9	12	11.9	10	9.9	1	1.0
Respiratory distress of newborn	4	4.6	6	6.9	8	9.2	1	1.1
Hydrops fetalis due to haemolytic disease	6	9.7	4	6.5	3	4.8	-	0.0
Other conditions of integument specific to fetus and newborn	10	18.9	5	9.4	3	5.7	1	1.9
Congenital hydrocephalus	7	13.7	13	25.5	10	19.6	1	2.0
Other congenital malformations of heart	7	14.9	7	14.9	5	10.6	2	4.3
Bacterial sepsis of newborn	5	14.3	6	17.1	3	8.6	3	8.6
Other respiratory conditions originating in the perinatal period	4	14.3	3	10.7	1	3.6	1	3.6
Cardiovascular disorders originating in the perinatal period	2	7.1	3	10.7	1	3.6	-	0.0

*Causes with more than 10 deaths

Table 39

LEADING* CAUSES OF FETAL DEATHS BY BIRTH WEIGHT
Number and Percent
Philippines, 2019

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	59	2.0	15	0.5	19	0.6	363	12.4
Birth asphyxia	35	2.1	9	0.5	6	0.4	76	4.6
Other conditions originating in the perinatal period	16	1.2	5	0.4	13	1.0	140	10.8
Fetus and newborn affected by complications of placenta, cord and membranes	14	1.3	5	0.5	5	0.5	42	3.9
Disorders related to short gestation and low birth weight, not elsewhere classified	2	0.4	1	0.2	-	0.0	87	19.5
Other congenital malformations, not elsewhere classified	5	1.2	2	0.5	1	0.2	30	7.4
Neonatal aspiration syndromes	5	1.3	3	0.8	1	0.3	39	10.0
Intrauterine hypoxia	2	1.2	1	0.6	-	0.0	5	3.0
Fetus and newborn affected by maternal complications of pregnancy	6	4.7	1	0.8	2	1.6	4	3.1
Anencephaly and similar malformations	1	1.0	-	0.0	-	0.0	13	12.9
Respiratory distress of newborn	-	0.0	-	0.0	-	0.0	32	36.8
Hydrops fetalis due to haemolytic disease	1	1.6	-	0.0	-	0.0	5	8.1
Other conditions of integument specific to fetus and newborn	1	1.9	-	0.0	-	0.0	2	3.8
Congenital hydrocephalus	2	3.9	-	0.0	-	0.0	6	11.8
Other congenital malformations of heart	1	2.1	1	2.1	1	2.1	10	21.3
Bacterial sepsis of newborn	1	2.9	-	0.0	-	0.0	5	14.3
Other respiratory conditions originating in the perinatal period	1	3.6	-	0.0	1	3.6	8	28.6
Cardiovascular disorders originating in the perinatal period	-	0.0	-	0.0	-	0.0	10	35.7

*Causes with more than 10 deaths

Table 40

FETAL DEATHS BY AGE OF MOTHER AND BIRTH WEIGHT
Philippines, 2019

Birth Weight (in grams)	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
<1000	18	-	2	2	4	4	3	2	-	-	1
1000-1499	1,462	2	107	270	349	307	289	120	11	-	7
1500-1999	2,564	6	214	495	618	502	444	256	18	-	11
2000-2499	1,323	3	104	271	339	271	221	102	6	-	6
2500-2999	1,286	-	126	291	316	257	189	82	16	-	9
3000-3499	1,025	1	70	220	259	224	158	82	7	-	4
3500-3999	314	-	22	52	69	67	74	28	2	-	-
4000-4499	112	-	2	19	25	23	34	8	1	-	-
4500-4999	45	-	-	5	7	18	13	2	-	-	-
5000 & Over	50	-	4	8	12	11	8	7	-	-	-
Not Stated	884	-	38	92	96	88	54	36	3	-	477
Total Fetal Death	9,083	12	689	1,725	2,094	1,772	1,487	725	64	-	515
Percent	100.0	0.1	7.6	19.0	23.1	19.5	16.4	8.0	0.7	-	5.7
Ratio *	5.4	5.0	3.9	3.9	4.6	5.3	7.6	11.5	11.4	-	161.2
Total Livebirths by Age of Mother	1,673,923	2,411	178,505	440,503	452,406	332,658	195,179	63,286	5,611	169	3,195

* 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, 2019

Cause	1-4 Years			
	Male	Female	Both Sexes	Rate*
1 Pneumonia (J12-J18)	749	679	1,428	16.0
2 Remainder diseases of the nervous system (G04-G25,G31-G98)	429	282	711	8.0
3 Congenital malformation (Q00-Q99)	352	325	677	7.6
4 Diarrhea and gastroenteritis of presumed infectious origin (A09)	302	215	517	5.8
5 Accidental drowning and submersion (W65-W74)	248	155	403	4.5
6 Other arthropod-borne viral fevers and viral haemorrhagic fevers (A90-A94,A96-A99)	171	213	384	4.3
7 Measles (B05)	173	120	293	3.3
8 Chronic lower respiratory infections (J40-J47)	147	132	279	3.1
9 Sepsis (A40-A41)	132	116	248	2.8
10 Leukaemia (C91-C95)	128	100	228	2.6

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

Cause	5-9 Years			
	Male	Female	Both Sexes	Rate*
1 Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94,A96-A99)	345	544	889	8.0
2 Remainder diseases of the nervous system (G04-G25,G31-G98)	314	227	541	4.9
3 Accidental drowning and submersion (W65-W64)	335	134	469	4.2
4 Pneumonia (J12-J18)	228	199	427	3.9
5 Congenital malformation (Q00-Q99)	153	145	298	2.7
6 Land transport accidents (V01-V89)	154	90	244	2.2
7 All other external causes (W20-W64,W75-W99,X10-X39,X50-X59,Y10-Y89)	141	90	231	2.1
8 Leukaemia (C91-C95)	126	88	214	1.9
9 Sepsis (A40-A41)	84	63	147	1.3
10 Meningitis (G00-G03)	76	43	119	1.1

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

Cause	10-14 Years			
	Male	Female	Both Sexes	Rate*
1 Remainder diseases of the nervous system (G04-G25,G31-G98)	280	185	465	4.3
2 Other arthropod-borne viral fevers and viral haemorrhagic fevers (A92-A94,A96-A99)	184	190	374	3.5
3 Accidental drowning and submersion (W65-W64)	217	125	342	3.2
4 Pneumonia (J12-J18)	181	148	329	3.1
5 All other external causes (W20-W64,W75-W99,X10-X39,X50-X59,Y10-Y89)	195	85	280	2.6
6 Land transport accidents (V01-V89)	163	81	244	2.3
7 Leukaemia (C91-C95)	119	79	198	1.8
8 Congenital malformation (Q00-Q99)	102	95	197	1.8
9 Other heart diseases (I26-I51)	68	60	128	1.2
10 Sepsis (A40-A41)	72	48	120	1.1

* 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, 2019

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)	733	2.2	414	19.6	293	3.3	17	0.2	9	0.1
2. Tetanus (A33, A35)	64	0.2	8	0.4	31	0.3	14	0.1	11	0.1
3. Tuberculosis, all forms (A15-A19, B90)	454	1.4	31	1.5	108	1.2	119	1.1	196	1.8
4. Diphtheria (A36)	28	0.1	1	0.0	17	0.2	9	0.1	1	0.0
5. Acute Poliomyelitis, including late effects (A80, B91)	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0

* population of specific age group