



PRESS RELEASE

Causes of Deaths in the Philippines (Preliminary): January to November 2021

Date of Release: 22 February 2022

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Explanatory Note

Data on causes of death presented in this press release were obtained from the deaths registered, either timely or belatedly, at the appropriate Office of the City/Municipal Civil Registrar throughout the country and subsequently submitted for encoding to the Office of the Civil Registrar General through the Provincial Statistical Offices (PSOs) of the Philippine Statistics Authority (PSA). The information presented includes deaths that occurred from January to November 2021 based on data files received by the PSA - Civil Registration Service (CRS) from the PSOs as of 31 December 2021. Thus, the figures presented herein are still preliminary and may differ from the final count. Deaths of Filipinos abroad are not yet included in this release, but Filipinos whose usual residence is abroad and foreign nationals with deaths occurring in the country during the reference period were included in this report.

Figures in this release, specifically for deaths due to Coronavirus disease 2019 (COVID-19), may differ from the one released by the Department of Health (DOH) because the figures in this release were obtained from the certificates of death particularly the descriptions written on the medical certificate portion therein as reviewed by the health officer of the local government unit concerned. On the other hand, the figures released by the DOH were obtained through a surveillance system.

Furthermore, figures in this release for deaths due to COVID-19 refer to both confirmed and probable cases as of registration. The coding of causes of death is based on the World Health Organization's (WHO) International Statistical Classification of Diseases and Related Health Problems revision 10 (ICD-10). With the emergence of COVID-19, the WHO issued two new emergency codes (Code U07.1 and Code U07.2) to be used when coding causes of death for statistical purposes.



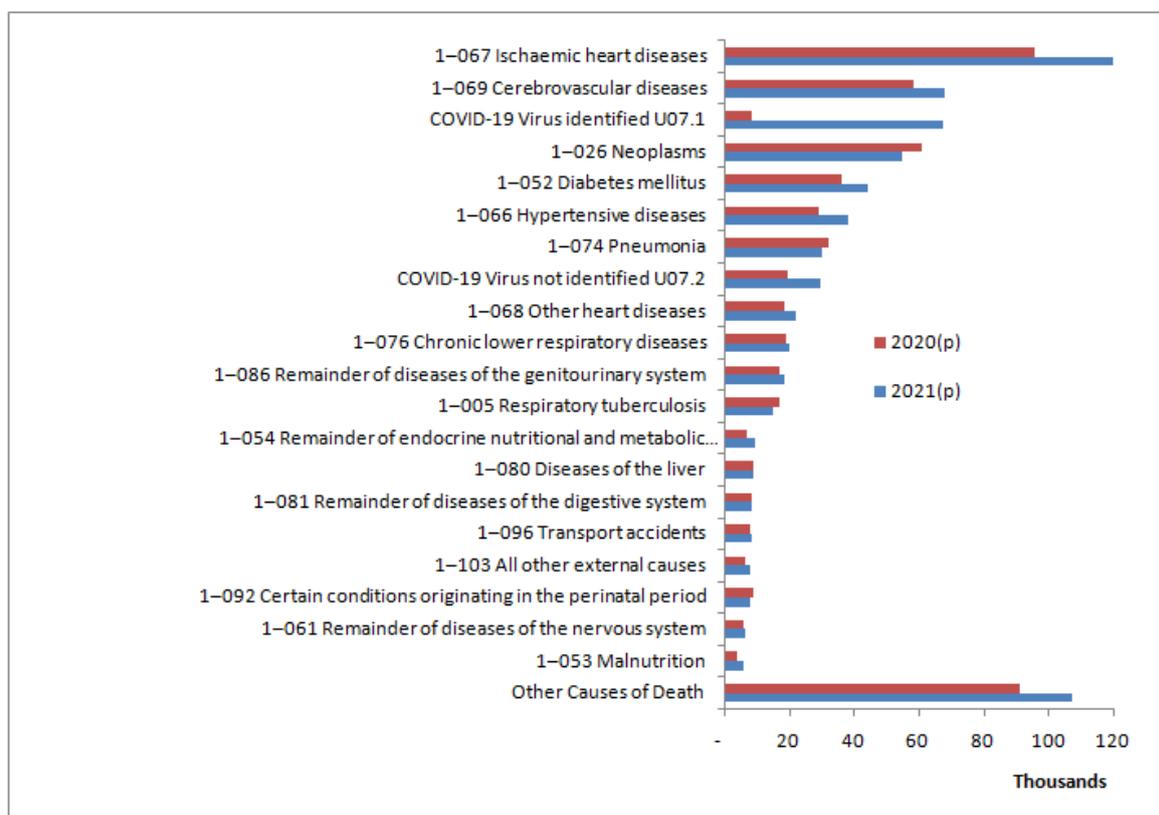
Code U07.1 or COVID-19-virus identified is used when COVID-19 is confirmed by a laboratory test. Code U07.2 or COVID-19-virus not identified is used for suspected or probable cases as well as clinically-epidemiologically diagnosed COVID-19 cases where testing was not completed or inconclusive.¹ Thus, the figures in this release for deaths due to COVID-19 include both Code U07.1 and Code U07.2 while the figures released by the DOH, on the other hand, include deaths from confirmed cases only or Code U07.1.

¹<https://www.who.int/classifications/icd/COVID-19-coding-icd10.pdf>

Ischaemic heart diseases, cerebrovascular diseases, and neoplasms lead the causes of death in the Philippines

The top three causes of death in the country from January to November of 2021 were ischaemic heart diseases, cerebrovascular diseases, and COVID-19 virus identified. In the same period of 2020, the leading causes of death were ischaemic heart diseases, neoplasms, and cerebrovascular diseases. From January to November of 2021, ischaemic heart diseases were the leading cause of death with 125,913 cases or 17.9 percent of the total deaths in the country. This indicated an increase of 31.9 percent from the 95,439 deaths or 17.0 percent of the total deaths in the same period of 2020. On the other hand, cerebrovascular diseases, now came in second with 68,180 deaths (9.7% share) from being third in the previous year's ranking. It showed an increase of 16.6 percent from the 58,476 cases (10.4% share) in the same period in 2020. Deaths due to COVID-19 virus identified were now the third leading cause which accounted for 67,494 deaths (9.6% share), rising from rank 14 with 8,390 deaths (1.5% share) in the same period of 2020. Neoplasms, commonly known as "cancer" ranked as the fourth leading cause of death with 54,853 recorded cases (7.8% share) from January to November 2021. It dropped from being the second leading cause of death with 60,930 deaths (10.9% share) from the previous year's ranking. Meanwhile, deaths due to diabetes mellitus (44,491 or 6.3% share), which ranked fifth in 2021, had an increase of 22.4 percent. (Table 1 and Figure 1)

Figure 1. All Causes of Mortality (Top 20), Philippines:
January to November, 2020^(p) and 2021^(p)
(as of 31 December 2021)



Note: Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99) are not included in the analysis due to the unspecified nature of these causes.

^(p) - Preliminary

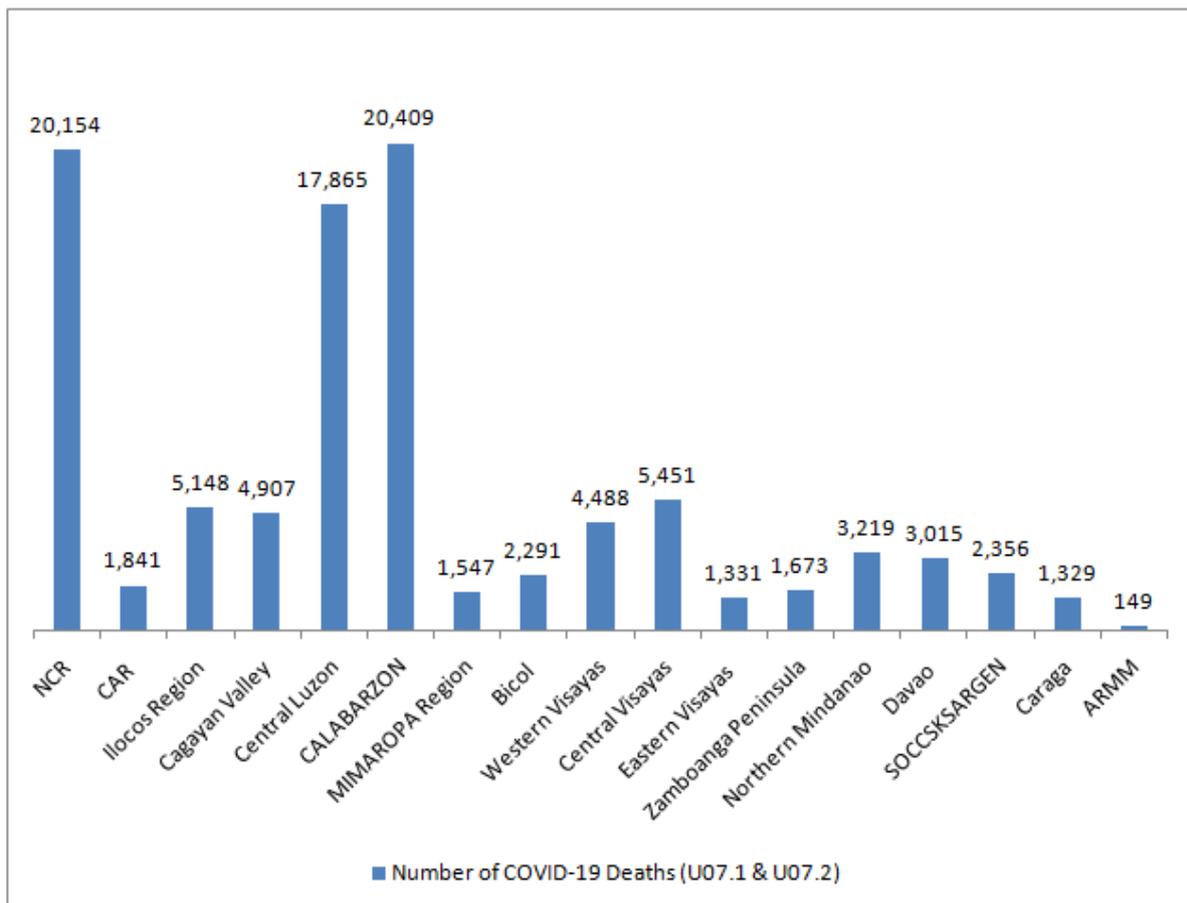
Deaths due to some specified respiratory diseases decrease from the previous year

Based on the 20 leading causes of death, registered deaths attributed to pneumonia recorded a notable decline, from 31,964 (5.7% share) in January to November 2020 to 30,063 (4.3% share) in the same period in 2021. This indicated a decrease of -5.9 percent, pushing its rank from 5th to 7th. Similarly, deaths due to respiratory tuberculosis decreased by -13.2 percent during the same period in 2021 (from 17,002 in 2020 to 14,754 in 2021), moving down its rank from 10th to 12th. (Table 1 and Figure 1)

Coronavirus disease 2019 (COVID-19) ranks among the leading causes of death

Registered deaths due to COVID-19 accounted for a total of 97,212 deaths or 13.8 percent of the total registered deaths from January to November 2021. By classification, COVID-19 with virus identified and COVID-19 virus not identified were both included in the 10 leading causes of death. COVID-19 with virus identified was the 3rd leading cause of death in the country with 67,494 cases or 9.6 percent of the total deaths in the same period in 2021. Meanwhile, registered deaths due to COVID-19 with virus not identified accounted for 29,718 or 4.2 percent of the total deaths from January to November 2021, making it the 8th leading cause of death. (Table 1 and Figure 1)

Figure 2. Number of Registered Deaths Due to COVID-19 by Region of Usual Residence, Philippines: January to November 2021^(p)
(as of 31 December 2021)



^(p) - Preliminary

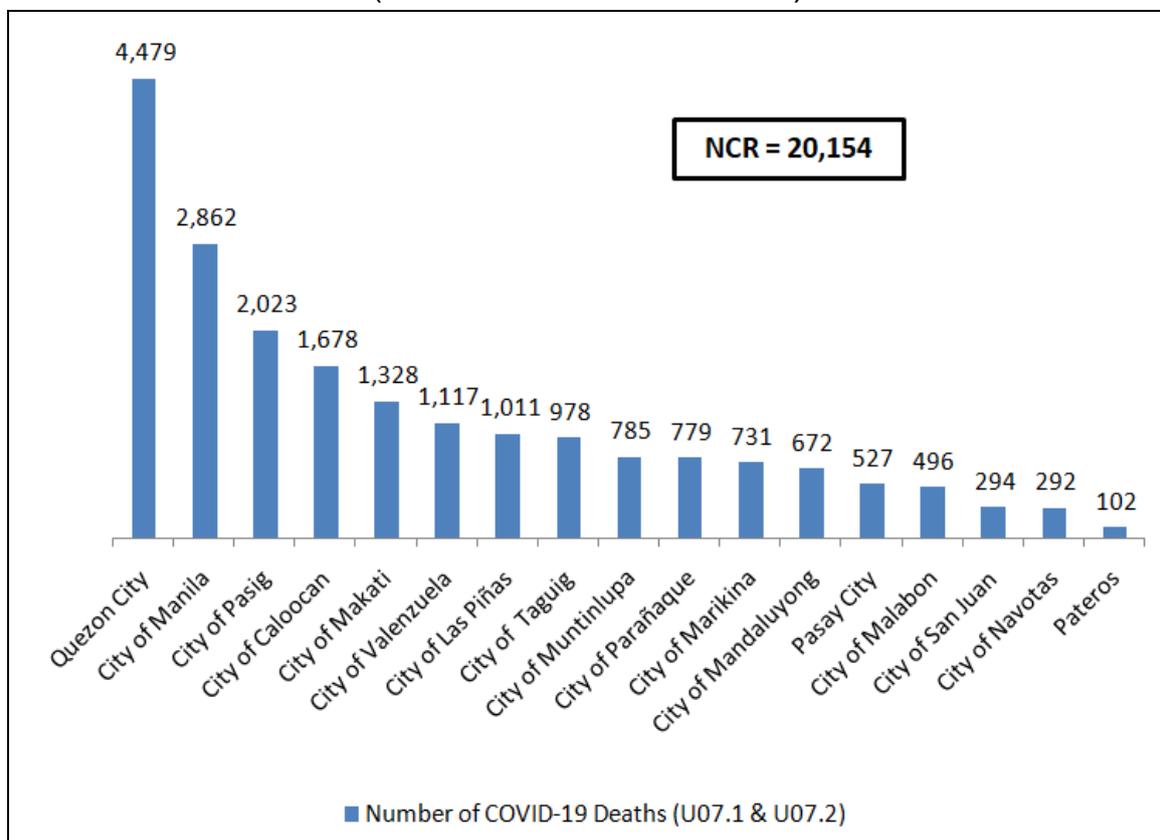
Three regions report over ten thousand COVID-19 deaths

Among the 17 regions, CALABARZON registered the highest number of deaths due to COVID-19 with 20,409 or 21.0 percent of the total COVID-19 deaths from January to November 2021. the National Capital Region (NCR) ranked second with 20,154 deaths (20.7%), while Central Luzon came in third with 17,865 deaths (18.4%). On the other hand, ARMM reported the least number of registered COVID-19 deaths with only 149 cases. (Table 2 and Figure 2)

Quezon City registers most COVID-19 deaths in NCR

In NCR, Quezon City reported the highest number of deaths due to COVID-19, with 4,479 deaths or 22.2 percent of the total COVID-19 deaths in the region from January to November 2021. This was followed by the City of Manila and City of Pasig with 2,862 (14.2%) and 2,023 (10.0%) COVID-19 deaths, respectively. (Table 3 and Figure 3)

Figure 3. COVID-19 Deaths in NCR, January to November 2021^(p)
(as of 31 December 2021)



^(p) - Preliminary

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Attachments:

1. *Table 1. Number of Registered Deaths, Percent Shares, and Ranks by Cause of Death (Top 50), Philippines: January to November, 2020^(p) and 2021^(p) (as of 31 December 2021)*
2. *Table 2. Number of Registered Deaths Due to COVID-19 by Region of Usual Residence: January to November 2021^(p) (as of 31 December 2021)*
3. *Table 3. Number of Registered Deaths Due to COVID-19 in NCR by City/Municipality of Usual Residence: January to November 2021^(p) (as of 31 December 2021)*

Table 1. Number of Registered Deaths, Percent Shares, and Ranks by Cause of Death (Top 50), Philippines: January to November, 2020^(p) and 2021^(p) (as of 31 December 2021)

Cause of Death	Jan-Nov 2021 ^(p)			Jan-Nov 2020 ^(p)			Percent Change
	Number	Share(%, Rank)		Number	Share(%, Rank)		
Total	704,202	100.0		560,205	100.0		25.7
1-067 Ischaemic heart diseases I20-I25	125,913	17.9 1		95,439	17.0 1		31.9
1-069 Cerebrovascular diseases I60-I69	68,180	9.7 2		58,476	10.4 3		16.6
COVID-19 Virus identified U07.1	67,494	9.6 3		8,390	1.5 14		704.5
1-026 Neoplasms C00-D48	54,853	7.8 4		60,930	10.9 2		-10.0
1-052 Diabetes mellitus E10-E14	44,491	6.3 5		36,337	6.5 4		22.4
1-066 Hypertensive diseases I10-I13	38,258	5.4 6		28,897	5.2 6		32.4
1-074 Pneumonia J12-J18	30,063	4.3 7		31,964	5.7 5		-5.9
COVID-19 Virus not identified U07.2	29,718	4.2 8		19,595	3.5 7		51.7
1-068 Other heart diseases I26-I51	22,234	3.2 9		18,724	3.3 9		18.7
1-076 Chronic lower respiratory diseases J40-J47	19,948	2.8 10		18,932	3.4 8		5.4
1-086 Remainder of diseases of the genitourinary system N17-N19	18,408	2.6 11		16,893	3.0 11		9.0
1-005 Respiratory tuberculosis A15-A16	14,754	2.1 12		17,002	3.0 10		-13.2
1-054 Remainder of endocrine nutritional and metabolic diseases E00-E07 E15-E34 E50-E88	9,489	1.3 13		6,904	1.2 17		37.4
1-080 Diseases of the liver K70-K76	8,722	1.2 14		8,975	1.6 12		-2.8
1-081 Remainder of diseases of the digestive system K00-K22 K28-K66 K80-K92	8,303	1.2 15		8,363	1.5 15		-0.7
1-096 Transport accidents V01-V99	8,262	1.2 16		7,754	1.4 16		6.6
1-103 All other external causes W20-W64 W75-W99 X10-X39 X50-X59 Y10-Y89	7,783	1.1 17		6,552	1.2 19		18.8
1-092 Certain conditions originating in the perinatal period P00-P96	7,764	1.1 18		8,923	1.6 13		-13.0
1-061 Remainder of diseases of the nervous system G04-G25 G31-G98	6,438	0.9 19		6,175	1.1 20		4.3
1-053 Malnutrition E40-E46	5,743	0.8 20		3,905	0.7 27		47.1
1-079 Gastric and duodenal ulcer K25-K27	5,614	0.8 21		5,021	0.9 21		11.8
1-102 Assault X85-Y09	5,033	0.7 22		6,691	1.2 18		-24.8
1-083 Diseases of the musculoskeletal system and connective tissue M00-M99	4,974	0.7 23		4,142	0.7 26		20.1
1-077 Remainder of diseases of the respiratory system J00-J06 J30-J39 J60-J98	4,737	0.7 24		4,847	0.9 22		-2.3
1-097 Falls W00-W19	4,606	0.7 25		3,147	0.6 29		46.4
1-093 Congenital malformations deformations and chromosomal abnormalities Q00-Q99	4,388	0.6 26		4,297	0.8 25		2.1
1-012 Sepsis A40-A41	4,097	0.6 27		4,376	0.8 24		-6.4
1-101 Intentional self-harm X80-X84	3,505	0.5 28		4,471	0.8 23		-21.6
1-082 Diseases of the skin and subcutaneous tissue L00-L98	3,274	0.5 29		3,417	0.6 28		-4.2
1-049 Anaemias D50-D64	3,013	0.4 30		3,007	0.5 30		0.2
1-003 Diarrhoea and gastroenteritis of presumed infectious origin A09	2,921	0.4 31		2,473	0.4 33		18.1
1-098 Accidental drowning and submersion W65-W74	2,681	0.4 32		2,499	0.4 32		7.3
1-085 Glomerular and renal tubulo-interstitial diseases N00-N15	2,644	0.4 33		2,871	0.5 31		-7.9
1-065 Acute rheumatic fever and chronic rheumatic heart diseases I00-I09	1,630	0.2 34		1,655	0.3 34		-1.5
1-025 Remainder of certain infectious and parasitic diseases A21-A32 A38 A42-A49 A65-A79 A81 A83-A89 B00-B04 B06-B09 B25-B49 B58-B64 B66-B94 B99	1,424	0.2 35		1,392	0.2 37		2.3
1-071 Remainder of diseases of the circulatory system I71-I99	1,356	0.2 36		1,496	0.3 35		-9.4
1-057 Remainder of mental and behavioural disorders F01-F09 F20-F99	1,277	0.2 37		881	0.2 41		44.9
1-060 Alzheimer disease G30	1,181	0.2 38		831	0.1 42		42.1
1-089 Other direct obstetric deaths O10-O92	984	0.1 39		1,400	0.2 36		-29.7
1-017 Other arthropod-borne viral fevers and viral haemorrhagic fevers A92-A94 A96-A99	926	0.1 40		929	0.2 39		-0.3
1-006 Other tuberculosis A17-A19	876	0.1 41		935	0.2 38		-6.3
1-020 Human immunodeficiency virus [HIV] disease B20-B24	799	0.1 42		885	0.2 40		-9.7
1-050 Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism D65-D89	715	0.1 43		784	0.1 44		-8.8
1-019 Viral hepatitis B15-B19	685	0.1 44		829	0.1 43		-17.4
1-100 Accidental poisoning by and exposure to noxious substances X40-X49	637	0.1 45		443	0.1 47		43.8
1-059 Meningitis G00-G03	592	0.1 46		633	0.1 45		-6.5
1-070 Atherosclerosis I70	446	0.1 47		310	0.1 51		43.9
1-008 Tetanus A33-A35	422	0.1 48		456	0.1 46		-7.5
1-090 Indirect obstetric deaths O98-O99	406	0.1 49		243	0.0 54		67.1
1-056 Mental and behavioural disorders due to psychoactive substance use F10-F19	405	0.1 50		317	0.1 50		27.8
Other Causes of Death	41,136			25,397	4.5		

Source: Philippine Statistics Authority (Data on deaths are those registered at the Office of the City/Municipal Civil Registrars throughout the country and submitted to the Office of the Civil Registrar General using Certificate of Death-Municipal Form 103)

Notes: Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99) are not included due to the unspecified nature of these causes

^(p) – Preliminary

Table 2. Number of Registered Deaths Due to COVID-19 by Region of Usual Residence: January to November 2021^(p)
(as of 31 December 2021)

Region	Usual Residence		
	Number	Share (%)	Rank
TOTAL	97,212	100.0	
National Capital Region (NCR)	20,154	20.7	2
Cordillera Administrative Region (CAR)	1,841	1.9	12
Region I - Ilocos Region	5,148	5.3	5
Region II - Cagayan Valley	4,907	5.0	6
Region III - Central Luzon	17,865	18.4	3
Region IV-A - CALABARZON	20,409	21.0	1
MIMAROPA Region	1,547	1.6	14
Region V - Bicol	2,291	2.4	11
Region VI - Western Visayas	4,488	4.6	7
Region VII - Central Visayas	5,451	5.6	4
Region VIII - Eastern Visayas	1,331	1.4	15
Region IX - Zamboanga Peninsula	1,673	1.7	13
Region X - Northern Mindanao	3,219	3.3	8
Region XI - Davao	3,015	3.1	9
Region XII - SOCCSKSARGEN	2,356	2.4	10
Region XIII - Caraga	1,329	1.4	16
Autonomous Region in Muslim Mindanao (ARMM)	149	0.2	17
Foreign Countries	39	0.0	18

Source: Philippine Statistics Authority (Data on deaths are those registered at the Office of the City/Municipal Civil Registrars throughout the country and submitted to the Office of the Civil Registrar General using Certificate of Death-Municipal Form 103)

^(p) – Preliminary

Table 3. Number of Registered Deaths Due to COVID-19 in NCR by City/Municipality of Usual Residence: January to November 2021^(p) (as of 31 December 2021)

Region/City/Municipality	Number	Share (%)	Rank
TOTAL Philippines	97,212		
National Capital Region (NCR)	20,154	20.7	
City of Manila	2,862	14.2	2
City of Mandaluyong	672	3.3	12
City of Marikina	731	3.6	11
City of Pasig	2,023	10.0	3
Quezon City	4,479	22.2	1
City of San Juan	294	1.5	15
City of Caloocan	1,678	8.3	4
City of Malabon	496	2.5	14
City of Navotas	292	1.4	16
City of Valenzuela	1,117	5.5	6
City of Las Piñas	1,011	5.0	7
City of Makati	1,328	6.6	5
City of Muntinlupa	785	3.9	9
City of Parañaque	779	3.9	10
Pasay City	527	2.6	13
Pateros	102	0.5	17
City of Taguig	978	4.9	8

Source: Philippine Statistics Authority (Data on deaths are those registered at the Office of the City/Municipal Civil Registrars throughout the country and submitted to the Office of the Civil Registrar General using Certificate of Death-Municipal Form 103)

^(p) - Preliminary