



COVID-19 DATA/SURVEILLANCE 2021 UPDATE:

COVID-19 WAS THE 3RD LEADING CAUSE OF DEATH ON GUAM IN 2020

**OFFICE OF EPIDEMIOLOGY AND RESEARCH & COVID-19 SURVEILLANCE UNIT
GUAM DEPARTMENT OF PUBLIC HEALTH AND SOCIAL SERVICES
10/5/2021**

Rank	Cause of Death, 2020 GUAM	No. of Deaths	% of Deaths
1	Diseases of the Heart (I00 -I09, I11, I13, I20 - I51)	342	28.69
2	Malignant neoplasms (C00 - C97)	199	16.69
3	COVID-19(U07.1)	113	9.40
4	Cerebrovascular diseases (I60 - I69)	73	6.12
5	Accidents/unintentional injuries (V01-X59, Y85-Y86)	45	3.78
6	Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	44	3.70
7	Septicemia (A40 - A41)	42	3.69
8	Intentional self-harm (X60-X84)	38	3.19
9	Influenza and pneumonia (J09 - J18)	27	2.27
10	Chronic liver disease and cirrhosis (K70, K73 - K74)	23	1.93
10	Diabetes mellitus (E10 - E14)	23	1.93
	All other causes	221	18.54
	Total Deaths	1,192	100.00

COVID-19 is the 3rd leading cause of death for Guam in 2020, surpassing cerebrovascular diseases, which are normally the third leading cause of death (refer to page 4 for the 2019 top 10 causes of death). The top two causes of death remain disease of the heart (#1) and malignant neoplasms (cancer at #2) in 2020.

2020	No. of deaths	%
COVID19-Related Deaths (Guam residents)	126	100.00
Coded as from COVID19 (Guam residents)	112	88.89
Coded as from other causes	14	11.11
Diseases of the Heart	3	2.38
Diabetes	2	1.59
Septicemia	1	0.79
Cancer	1	0.79
Accidental death (drug overdose)	1	0.79
Renal failure	1	0.79
Metabolic disorder	1	0.79
Adult respiratory distress syndrome	1	0.79
Anoxic brain damage	1	0.79
Diseases of arteries	1	0.79
Chronic obstructive pulmonary disease	1	0.79
One additional person, a sailor from the USS Theodore Roosevelt, died from COVID-19 on 4/13/2020 but is not included in the count (non-resident).		

**There were 126 COVID-19 related deaths in 2020.
The previous mortality report did not include an additional COVID-19 related death which was verified on 10/5/2021 and occurred on 10/31/2020.**

Rank	Cause of Death, 2019 GUAM	Deaths	Percent of All Deaths	Deaths per 100,000 Population
1	Diseases of the Heart	342	33.11	203.39
2	Malignant neoplasms	169	16.36	100.51
3	Cerebrovascular Disease	83	8.03	49.36
4	Septicemia	48	4.65	28.55
5	Accidents	40	3.87	23.79
6	Nephritis, nephrotic syndrome and nephrosis	31	3.00	18.44
6	Suicide	31	3.00	18.44
8	Influenza and Pneumonia	25	2.42	14.87
9	Chronic liver diseases and cirrhosis	21	2.03	12.49
10	Diabetes Mellitus	19	1.84	11.30
	All other causes of death	224	21.68	133.22
	Total deaths	1,033		614.34
	Mid-population	168,149		

Thanks to Cynthia Naval, MSPH, Retired DPHSS volunteer for compiling the Top Ten Causes of Death for Guam. Ms. Naval has been working with the DPHSS Office of Epidemiology and Research (OER) and the Maternal and Child Health Program (MCH) on maternal, infant and fetal death projects, as well as updating the top ten causes of death for the past 20 years.

For more information on these and other projects, contact the Territorial Epidemiologist, OER: ann.pobutsky@dphss.guam.gov or (671) 888-9276 (WARN).