

Leading Causes of Death <sup>1,2</sup> Among San Diego County Residents by Age, 2023																															
RANK	All			Ages 1-9			Ages 10-19			Ages 20-29			Ages 30-39			Ages 40-49			Ages 50-59			Ages 60-69			Ages 70-79			Ages 80+			
	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	
1	Malignant Neoplasms	5,098	21.8%	5	5	5	Accidents/Unintentional Injuries	36	39.1%	Accidents/Unintentional Injuries	200	51.4%	Accidents/Unintentional Injuries	268	44.5%	Accidents/Unintentional Injuries	241	28.0%	Malignant Neoplasms	456	27.0%	Malignant Neoplasms	1,063	30.7%	Malignant Neoplasms	1,529	30.4%	Diseases Of The Heart	2,678	24.1%	
2	Diseases Of The Heart	4,785	20.4%	5	5	5	Intentional Self-Harm (Suicide)	21	22.8%	Intentional Self-Harm (Suicide)	58	14.9%	Malignant Neoplasms	65	10.8%	Malignant Neoplasms	177	20.6%	Diseases Of The Heart	290	17.2%	Diseases Of The Heart	689	19.9%	Diseases Of The Heart	1,007	20.0%	Malignant Neoplasms	1,775	16.0%	
3	Accidents/Unintentional Injuries	1,766	7.5%	5	5	5	Malignant Neoplasms	12	13.0%	Assault (Homicide)	22	5.7%	Intentional Self-Harm (Suicide)	54	9.0%	Diseases Of The Heart	75	8.7%	Accidents/Unintentional Injuries	274	16.2%	Accidents/Unintentional Injuries	281	8.1%	Cerebrovascular Diseases	276	5.5%	Cerebrovascular Diseases	1,017	9.1%	
4	Cerebrovascular Diseases	1,552	6.6%	5	5	5	5	5	Malignant Neoplasms	18	4.6%	Diseases Of The Heart	32	5.3%	Chronic Liver Disease And Cirrhosis	54	6.3%	Chronic Liver Disease And Cirrhosis	92	5.4%	Diabetes Mellitus	209	6.0%	Diabetes Mellitus	749	5.4%	Alzheimer's Disease	949	8.5%		
5	Alzheimer's Disease	1,277	5.0%	5	5	5	5	5	Chronic Liver Disease And Cirrhosis	12	3.1%	Chronic Liver Disease And Cirrhosis	25	4.2%	Intentional Self-Harm (Suicide)	49	5.7%	Diabetes Mellitus	86	4.7%	Cerebrovascular Diseases	147	4.2%	Chronic Lower Respiratory Diseases	229	4.6%	Chronic Lower Respiratory Diseases	528	4.7%		
6	Chronic Lower Respiratory Diseases	923	3.9%	5	5	5	5	5	Diseases Of The Heart	11	2.8%	Assault (Homicide)	20	3.3%	Diabetes Mellitus	36	4.2%	Cerebrovascular Diseases	66	3.9%	Chronic Liver Disease And Cirrhosis	135	3.9%	Alzheimer's Disease	186	3.7%	Diabetes Mellitus	307	2.8%		
7	Diabetes Mellitus	911	3.9%	5	5	5	5	5	5	5	5	Cerebrovascular Diseases	13	2.2%	Cerebrovascular Diseases	27	3.1%	Intentional Self-Harm (Suicide)	65	3.8%	Chronic Lower Respiratory Diseases	131	3.8%	Accidents/Unintentional Injuries	148	2.9%	Essential Hypertension And Hypertensive Renal Disease	307	2.8%		
8	Essential Hypertension And Hypertensive Renal Disease	538	2.3%	5	5	5	5	5	5	5	5	5	5	5	5	Assault (Homicide)	11	1.3%	Essential Hypertension And Hypertensive Renal Disease	33	2.0%	Essential Hypertension And Hypertensive Renal Disease	71	2.1%	Parkinson's Disease	131	2.6%	Accidents/Unintentional Injuries	297	2.7%	
9	Chronic Liver Disease And Cirrhosis	452	1.9%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Chronic Lower Respiratory Diseases	23	1.4%	COVID-19	59	1.7%	Essential Hypertension And Hypertensive Renal Disease	115	2.3%	Parkinson's Disease	252	2.3%		
10	Parkinson's Disease	401	1.7%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	COVID-19	14	0.8%	Intentional Self-Harm (Suicide)	46	1.3%	COVID-19	84	1.7%	COVID-19	206	1.9%		
11	COVID-19	376	1.6%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Congenital Malformations, Deformations And Chromosomal Abnormalities	14	0.8%	Alzheimer's Disease	35	1.0%	Chronic Liver Disease And Cirrhosis	80	1.6%	Pneumonia Due To Solids And Liquids	141	1.3%		
12	Intentional Self-Harm (Suicide)	363	1.6%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Influenza And Pneumonia	21	0.6%	Pneumonia Due To Solids And Liquids	47	0.9%	Influenza And Pneumonia	132	1.2%
13	Pneumonia Due To Solids And Liquids	212	0.9%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Pneumonia Due To Solids And Liquids	18	0.5%	Influenza And Pneumonia	41	0.8%	Nutritional Deficiencies	105	0.9%
14	Influenza And Pneumonia	212	0.9%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Parkinson's Disease	17	0.5%	Intentional Self-Harm (Suicide)	40	0.8%	Chronic Liver Disease And Cirrhosis	54	0.5%
15	Nutritional Deficiencies	133	0.6%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Septicemia	17	0.5%	Septicemia	29	0.6%	In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior	54	0.5%
16	All other causes (not rankable)	4,520	19.3%	All other causes (not rankable)	13	37.1%	All other causes (not rankable)	11	12.0%	All other causes (not rankable)	47	12.1%	All other causes (not rankable)	99	16.4%	All other causes (not rankable)	138	16.0%	All other causes (not rankable)	247	14.6%	All other causes (not rankable)	522	15.1%	All other causes (not rankable)	815	16.2%	All other causes (not rankable)	2,323	20.9%	
Total Deaths <sup>3,4</sup>		23,409	100.0%		35	100.0%		92	100.0%		389	100.0%		602	100.0%		860	100.0%		1,688	100.0%		3,461	100.0%		5,026	100.0%		11,125	100.0%	

<sup>1</sup> Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The top 15 leading causes of death presented here are for San Diego County residents for 2023.

<sup>2</sup> Cause of death is based on the underlying cause of death reported on death certificates as identified by ICD-10 codes.

<sup>3</sup> Deaths for specific demographics or geographic areas may not equal the total deaths for San Diego County due to missing data.

<sup>4</sup> Not shown for fewer than 15 deaths.

Missing or data year 2023. San Diego County resident deaths that occurred out of state are not included.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2023.

Leading Causes of Death <sup>1,2</sup> Among San Diego County Residents by Age, 2022																													
RANK	All		Ages 1-9			Ages 10-19			Ages 20-29			Ages 30-39			Ages 40-49			Ages 50-59			Ages 60-69			Ages 70-79			Ages 80+		
	Underlying Cause of Death	n %	Underlying Cause of Death	n %		Underlying Cause of Death	n %		Underlying Cause of Death	n %		Underlying Cause of Death	n %		Underlying Cause of Death	n %		Underlying Cause of Death	n %		Underlying Cause of Death	n %		Underlying Cause of Death	n %		Underlying Cause of Death	n %	
1	Malignant Neoplasms	5,179 20.8%	5	5	5	Accidents/Unintentional Injuries	22 27.8%		Accidents/Unintentional Injuries	229 56.3%		Accidents/Unintentional Injuries	315 43.6%		Accidents/Unintentional Injuries	235 26.5%		Malignant Neoplasms	465 25.2%		Malignant Neoplasms	1,091 29.2%		Malignant Neoplasms	1,527 28.6%		Diseases Of The Heart	2,765 23.6%	
2	Diseases Of The Heart	4,938 19.8%	5	5	5	Assault (Homicide)	14 17.7%		Intentional Self-Harm (Suicide)	51 12.5%		Malignant Neoplasms	64 8.9%		Malignant Neoplasms	143 16.1%		Accidents/Unintentional Injuries	286 15.2%		Diseases Of The Heart	721 19.3%		Diseases Of The Heart	1,052 19.7%		Malignant Neoplasms	1,852 15.8%	
3	Accidents/Unintentional Injuries	1,796 7.2%	5	5	5	Malignant Neoplasms	11 13.9%		Malignant Neoplasms	25 6.1%		Intentional Self-Harm (Suicide)	56 7.7%		Diseases Of The Heart	98 11.0%		Diseases Of The Heart	245 13.3%		Accidents/Unintentional Injuries	249 6.7%		COVID-19	310 5.8%		Alzheimer's Disease	1,063 9.1%	
4	Cerebrovascular Diseases	1,561 6.3%	5	5	5	5	5		Assault (Homicide)	19 4.7%		Diseases Of The Heart	37 5.1%		Chronic Liver Disease And Cirrhosis	57 6.4%		Chronic Liver Disease And Cirrhosis	124 6.7%		COVID-19	219 5.9%		Cerebrovascular Diseases	291 5.5%		Cerebrovascular Diseases	1,022 8.7%	
5	COVID-19	1,325 5.3%	5	5	5	5	5		5	5		Chronic Liver Disease And Cirrhosis	36 5.0%		Intentional Self-Harm (Suicide)	56 6.3%		Diabetes Mellitus	96 5.2%		Diabetes Mellitus	191 5.1%		Chronic Lower Respiratory Diseases	251 4.7%		COVID-19	631 5.4%	
6	Alzheimer's Disease	1,320 5.3%	5	5	5	5	5		5	5		Assault (Homicide)	25 3.5%		COVID-19	46 5.2%		COVID-19	86 4.7%		Cerebrovascular Diseases	146 3.9%		Diabetes Mellitus	226 4.3%		Chronic Lower Respiratory Diseases	502 4.3%	
7	Chronic Lower Respiratory Diseases	913 3.7%	5	5	5	5	5		5	5		COVID-19	22 3.0%		Diabetes Mellitus	39 4.4%		Intentional Self-Harm (Suicide)	69 3.7%		Chronic Lower Respiratory Diseases	137 3.7%		Alzheimer's Disease	199 3.7%		Diabetes Mellitus	334 2.8%	
8	Diabetes Mellitus	907 3.6%	5	5	5	5	5		5	5		Diabetes Mellitus	17 2.4%		Cerebrovascular Diseases	24 2.7%		Cerebrovascular Diseases	64 3.5%		Chronic Liver Disease And Cirrhosis	124 3.3%		Accidents/Unintentional Injuries	135 2.5%		Accidents/Unintentional Injuries	324 2.8%	
9	Essential Hypertension And Hypertensive Renal Disease	576 2.3%	5	5	5	5	5		5	5		5	5		Assault (Homicide)	14 1.6%		Essential Hypertension And Hypertensive Renal Disease	36 2.0%		Essential Hypertension And Hypertensive Renal Disease	85 2.3%		Essential Hypertension And Hypertensive Renal Disease	132 2.5%		Essential Hypertension And Hypertensive Renal Disease	313 2.7%	
10	Chronic Liver Disease And Cirrhosis	458 1.8%	5	5	5	5	5		5	5		5	5		5	5		Chronic Lower Respiratory Diseases	15 0.8%		Intentional Self-Harm (Suicide)	62 1.7%		Parkinson's Disease	122 2.3%		Parkinson's Disease	258 2.2%	
11	Parkinson's Disease	413 1.7%	5	5	5	5	5		5	5		5	5		5	5		Influenza And Pneumonia	11 0.7%		Alzheimer's Disease	48 1.3%		Chronic Liver Disease And Cirrhosis	85 1.6%		Influenza And Pneumonia	141 1.2%	
12	Intentional Self-Harm (Suicide)	359 1.4%	5	5	5	5	5		5	5		5	5		5	5		Assault (Homicide)	12 0.7%		Influenza And Pneumonia	27 0.7%		Influenza And Pneumonia	47 0.9%		Pneumonia Due To Solids And Liquids	128 1.1%	
13	Influenza And Pneumonia	237 1.0%	5	5	5	5	5		5	5		5	5		5	5		5	5		5	5		Parkinson's Disease	25 0.7%		Pneumonia Due To Solids And Liquids	42 0.8%	
14	Pneumonia Due To Solids And Liquids	197 0.8%	5	5	5	5	5		5	5		5	5		5	5		5	5		5	5		Pneumonia Due To Solids And Liquids	21 0.6%		Septicemia	31 0.6%	
15	Nutritional Deficiencies	131 0.5%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
												5	5	5															
												5	5	5															
												5	5	5															
												5	5	5															
16	All other causes (not rankable)	4,630 18.6%	All other causes (not rankable)	11 35.5%		All other causes (not rankable)	11 16.5%		All other causes (not rankable)	49 12.0%		All other causes (not rankable)	113 15.6%		All other causes (not rankable)	139 15.7%		All other causes (not rankable)	310 16.8%		All other causes (not rankable)	573 15.3%		All other causes (not rankable)	858 16.1%		All other causes (not rankable)	2,198 18.7%	
Total Deaths <sup>3,4</sup>		24,590 100.0%		31 100.0%		79 100.0%			407 100.0%			723 100.0%			888 100.0%			1,843 100.0%			3,740 100.0%			5,343 100.0%			11,738 100.0%		

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The COVID-19 pandemic was associated with increases in all-cause mortality. COVID-19 deaths have affected the pattern of mortality including those of Leading Causes of Death.

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Leading Causes of Deaths <sup>1,2</sup> Among San Diego County Residents by Age, 2021																																
RANK	All			Ages 1-9			Ages 10-19			Ages 20-29			Ages 30-39			Ages 40-49			Ages 50-59			Ages 60-69			Ages 70-79			Ages 80+				
	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%	Underlying Cause of Death	n	%		
1	Malignant Neoplasms	5,050	19.3%	5	5	5	Accidents/Unintentional Injuries	51	48.1%	Accidents/Unintentional Injuries	202	56.1%	Accidents/Unintentional Injuries	314	42.1%	Accidents/Unintentional Injuries	232	22.6%	Malignant Neoplasms	506	23.1%	Malignant Neoplasms	1,121	26.7%	Malignant Neoplasms	1,419	26.3%	Diseases Of The Heart	2,733	23.0%		
2	Diseases Of The Heart	4,961	19.0%	5	5	5	Intentional Self-Harm (Suicide)	21	19.8%	Intentional Self-Harm (Suicide)	55	11.8%	Malignant Neoplasms	61	8.2%	Malignant Neoplasms	164	16.0%	Diseases Of The Heart	344	15.7%	Diseases Of The Heart	764	18.2%	Diseases Of The Heart	969	17.9%	Malignant Neoplasms	1,738	14.6%		
3	COVID-19	2,825	10.8%	5	5	5	Malignant Neoplasms	12	11.3%	Assault (Homicide)	28	6.0%	COVID-19	57	7.6%	COVID-19	124	12.1%	COVID-19	311	14.3%	COVID-19	644	15.4%	COVID-19	649	12.0%	Alzheimer's Disease	1,172	9.8%		
4	Accidents/Unintentional Injuries	1,795	6.9%	5	5	5	5	5	5	Malignant Neoplasms	23	4.9%	Intentional Self-Harm (Suicide)	57	7.6%	Diseases Of The Heart	108	10.5%	Accidents/Unintentional Injuries	276	12.3%	Accidents/Unintentional Injuries	239	5.7%	Cerebrovascular Diseases	308	5.7%	Cerebrovascular Diseases	1,142	9.6%		
5	Cerebrovascular Diseases	1,710	6.5%	5	5	5	5	5	5	COVID-19	15	3.2%	Chronic Liver Disease And Cirrhosis	37	5.0%	Chronic Liver Disease And Cirrhosis	67	6.1%	Chronic Liver Disease And Cirrhosis	119	5.4%	Diabetes Mellitus	210	5.0%	Diabetes Mellitus	255	4.7%	COVID-19	1022	8.6%		
6	Alzheimer's Disease	1,391	5.3%	5	5	5	5	5	5	5	5	5	5	5	Diseases Of The Heart	31	4.2%	Intentional Self-Harm (Suicide)	54	5.3%	Diabetes Mellitus	91	4.1%	Cerebrovascular Diseases	163	3.9%	Chronic Lower Respiratory Diseases	248	4.6%	Chronic Lower Respiratory Diseases	410	3.9%
7	Diabetes Mellitus	895	3.4%	5	5	5	5	5	5	5	5	5	5	5	Assault (Homicide)	28	3.8%	Diabetes Mellitus	23	2.2%	Cerebrovascular Diseases	64	2.9%	Chronic Liver Disease And Cirrhosis	143	3.4%	Alzheimer's Disease	187	3.5%	Diabetes Mellitus	301	2.5%
8	Chronic Lower Respiratory Diseases	887	3.4%	5	5	5	5	5	5	5	5	5	5	5	Diabetes Mellitus	11	1.5%	Cerebrovascular Diseases	21	2.0%	Intentional Self-Harm (Suicide)	47	2.1%	Chronic Lower Respiratory Diseases	133	3.2%	Accidents/Unintentional Injuries	154	2.9%	Essential Hypertension And Hypertensive Renal Disease	285	2.4%
9	Essential Hypertension And Hypertensive Renal Disease	501	1.9%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
10	Chronic Liver Disease And Cirrhosis	472	1.8%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
11	Parkinson's Disease	399	1.5%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
12	Intentional Self-Harm (Suicide)	344	1.3%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
13	Pneumonia Due To Solids And Liquids	179	0.7%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
14	Influenza and Pneumonia	164	0.6%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
15	Nutritional Deficiencies	132	0.5%	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
16	All other causes (not rankable)	4,463	17.1%	All other causes (not rankable)	5	5	All other causes (not rankable)	12	11.3%	All other causes (not rankable)	47	10.1%	All other causes (not rankable)	116	15.5%	All other causes (not rankable)	170	16.6%	All other causes (not rankable)	311	14.2%	All other causes (not rankable)	546	13.0%	All other causes (not rankable)	787	14.6%	All other causes (not rankable)	2,089	17.6%		
Total Deaths <sup>3,4</sup>		26,168	100.0%		31	100.0%		100	100.0%		467	100.0%		740	100.0%		1,027	100.0%		2,195	100.0%		4,194	100.0%		5,400	100.0%		11,900	100.0%		

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Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 2022.

Prepared by County of San Diego, Probation and Parole Services Agency, P.O. Box 160000, San Diego, California 92116-0000, [www.sandagov.org](http://www.sandagov.org).