
SOCIOECONOMIC STATUS (SES) DEFINITIONS

Why Measure SES?

Socioeconomic status is a major social basis for inequalities and an important predictor of health at all ages. A considerable body of evidence has long established that individuals of lower socioeconomic status are more likely to suffer from poor health outcomes and disease, experience increased loss of functioning, experience increased cognitive and physical impairment, and experience higher mortality rates ([Adler et al., 1993, 1994](#); [Marmot et al., 1997b](#); [Preston and Taubman, 1994](#); [Rogers et al., 2000](#); [Williams, 1990](#)).

Our Definitions:

There is no official definition or set method to measure SES, therefore we use median household income as a proxy for SES due to its relatively normal distribution within the population. For the years 2011-2017, groupings were decided based on how many standard deviations outside of the mean median household income they were. This provided a definite set of income ranges that were statistically sound. In 2018, methods were updated and revised using a Jenks Natural Breaks analysis to find the best fit on median household income, resulting in 5 preset income categories. Median Household Income data is sourced from ESRI Community Analyst.

Categorical Groupings Based on Median HH Income, 2011-2017

| SES Num | Definition | SES Label |
|---------|---------------------|---------------------|
| 1 | \$0-\$2,476 | No Reported Income* |
| 2 | \$2,477-\$35,669 | Lowest Income |
| 3 | \$35,670-\$68,861 | Low Income |
| 4 | \$68,862-\$102,054 | Low Middle Income |
| 5 | \$102,055-\$135,247 | High Middle Income |
| 6 | \$135,248-\$168,439 | High Income |
| 7 | \$168,440-\$201,631 | Highest Income* |

Note: Minus 3 St.Dev is (-) 30k, therefore the lower bound is \$0

*Outlier income categories. Majority of the population falls between Lowest Income and High Income.

Categorical Groupings Based on Median HH Income, 2018-Forward

| SES Num | Definition | SES Label |
|---------|---------------------|--------------------|
| 1 | \$0-\$55,999 | Low Income |
| 2 | \$56,000-\$72,999 | Low Middle Income |
| 3 | \$73,000-\$89,999 | Middle Income |
| 4 | \$90,000-\$105,999 | High Middle Income |
| 5 | \$106,000-\$126,999 | High Income |

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2018 | | | | | | | | | | | | | | | | | | |
|---|--|---------------|---------------|--|--------------|---------------|--|---------------|---|--|--------------|---------------|--|--------------|---------------|------------------------------------|------------|---------------|
| RANK | All Income Levels | | | Low Income | | | Low Middle Income | | | Middle Income | | | High Middle Income | | | High Income | | |
| | 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 | 4,988 | 23.1% | Diseases Of The Heart | 449 | 22.7% | Malignant Neoplasms | 2,721 | 22.2% | Malignant Neoplasms | 1,177 | 24.3% | Malignant Neoplasms | 567 | 25.6% | Malignant Neoplasms | 73 | 38.0% |
| 2 | Diseases Of The Heart | 4,655 | 21.6% | Malignant Neoplasms | 429 | 21.6% | Diseases Of The Heart | 2,699 | 22.0% | Diseases Of The Heart | 1,027 | 21.2% | Diseases Of The Heart | 432 | 19.5% | Diseases Of The Heart | 25 | 13.0% |
| 3 | Alzheimer's Disease | 1,461 | 6.8% | Cerebrovascular Diseases | 147 | 7.4% | Cerebrovascular Diseases | 813 | 6.6% | Alzheimer's Disease | 373 | 7.7% | Alzheimer's Disease | 202 | 9.1% | Cerebrovascular Diseases | 17 | 8.9% |
| 4 | Cerebrovascular Diseases | 1,446 | 6.7% | Accidents/Unintentional Injuries | 136 | 6.9% | Alzheimer's Disease | 764 | 6.2% | Cerebrovascular Diseases | 333 | 6.9% | Cerebrovascular Diseases | 128 | 5.8% | Alzheimer's Disease | 12 | 6.3% |
| 5 | Accidents/Unintentional Injuries | 1,250 | 5.8% | Alzheimer's Disease | 106 | 5.3% | Accidents/Unintentional Injuries | 741 | 6.0% | Accidents/Unintentional Injuries | 242 | 5.0% | Accidents/Unintentional Injuries | 105 | 4.7% | Accidents/Unintentional Injuries | 9 | 4.7% |
| 6 | Chronic Lower Respiratory Diseases | 1,007 | 4.7% | Diabetes Mellitus | 104 | 5.2% | Chronic Lower Respiratory Diseases | 586 | 4.8% | Chronic Lower Respiratory Diseases | 233 | 4.8% | Chronic Lower Respiratory Diseases | 102 | 4.6% | Chronic Lower Respiratory Diseases | 8 | 4.2% |
| 7 | Diabetes Mellitus | 775 | 3.6% | Chronic Lower Respiratory Diseases | 73 | 3.7% | Diabetes Mellitus | 482 | 3.9% | Diabetes Mellitus | 132 | 2.7% | Diabetes Mellitus | 50 | 2.3% | Influenza And Pneumonia | 6 | 3.1% |
| 8 | Essential Hypertension And Hypertensive Renal Disease | 453 | 2.1% | Essential Hypertension And Hypertensive Renal Disease | 51 | 2.6% | Influenza And Pneumonia | 259 | 2.1% | Parkinson's Disease | 105 | 2.2% | Essential Hypertension And Hypertensive Renal Disease | 48 | 2.2% | Intentional Self-Harm (Suicide) | 6 | 3.1% |
| 9 | Influenza And Pneumonia | 451 | 2.1% | Influenza And Pneumonia | 42 | 2.1% | Essential Hypertension And Hypertensive Renal Disease | 251 | 2.0% | Intentional Self-Harm (Suicide) | 103 | 2.1% | Influenza And Pneumonia | 46 | 2.1% | § | § | § |
| 10 | Intentional Self-Harm (Suicide) | 435 | 2.0% | Intentional Self-Harm (Suicide) | 34 | 1.7% | Intentional Self-Harm (Suicide) | 240 | 2.0% | Essential Hypertension And Hypertensive Renal Disease | 98 | 2.0% | Intentional Self-Harm (Suicide) | 45 | 2.0% | § | § | § |
| 11 | Parkinson's Disease | 367 | 1.7% | Chronic Liver Disease And Cirrhosis | 30 | 1.5% | Parkinson's Disease | 214 | 1.7% | Influenza And Pneumonia | 97 | 2.0% | Parkinson's Disease | 30 | 1.4% | § | § | § |
| 12 | Chronic Liver Disease And Cirrhosis | 321 | 1.5% | Assault (Homicide) | 18 | 0.9% | Chronic Liver Disease And Cirrhosis | 192 | 1.6% | Chronic Liver Disease And Cirrhosis | 78 | 1.6% | Chronic Liver Disease And Cirrhosis | 19 | 0.9% | § | § | § |
| 13 | Pneumonitis Due To Solids And Liquids | 163 | 0.8% | Parkinson's Disease | 14 | 0.7% | Pneumonitis Due To Solids And Liquids | 92 | 0.8% | Pneumonitis Due To Solids And Liquids | 39 | 0.8% | Pneumonitis Due To Solids And Liquids | 19 | 0.9% | § | § | § |
| 14 | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 103 | 0.5% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 14 | 0.7% | Certain Conditions Originating In The Perinatal Period | 60 | 0.5% | Nutritional Deficiencies | 22 | 0.5% | Certain Conditions Originating In The Perinatal Period | 14 | 0.6% | § | § | § |
| 15 | Certain Conditions Originating In The Perinatal Period | 100 | 0.5% | Certain Conditions Originating In The Perinatal Period | 12 | 0.6% | Nephritis, Nephrotic Syndrome And Nephrosis | 60 | 0.5% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 20 | 0.4% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 11 | 0.5% | § | § | § |
| | | | | | | | | | Nephritis, Nephrotic Syndrome And Nephrosis | 20 | 0.4% | | | | | | | |
| 16 | All other causes (not rankable) | 3,625 | 16.8% | All other causes (not rankable) | 323 | 16.3% | All other causes (not rankable) | 2,079 | 17% | All other causes (not rankable) | 751 | 16% | All other causes (not rankable) | 394 | 18% | All other causes (not rankable) | 19 | 10% |
| Total Deaths³ | | 21,600 | 100.0% | | 1,982 | 100.0% | | 12,253 | 100.0% | | 4,850 | 100.0% | | 2,212 | 100.0% | | 192 | 100.0% |

¹ 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 based on the San Diego County residents for 2016.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

⁴ Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on a Jenks Natural Breaks methodology. For more information, please contact the Community Health Statistics Unit.

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 & Human Services Agency, Public Health Services, Community Health Statistics Unit, June, 2021.

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2017 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|---------------|---------------------------------|-----------|-----------|---|------------|--|---|---------------|--|-------------------------------------|--------------|--|---|--------------|--|---|------------|---------------|---------------------------------|-----------|-----------|
| RANK | All Income Levels | | | No Reported Income | | | Lowest Income | | | Low Income | | | Low Middle Income | | | Higher Middle Income | | | High Income | | | Highest Income | | |
| | 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 | 5,033 | 23.3% | \$ | \$ | \$ | Diseases Of The Heart | 52 | 22.1% | Malignant Neoplasms | 2,729 | 23.2% | Malignant Neoplasms | 1,732 | 24.7% | Malignant Neoplasms | 445 | 25.8% | Malignant Neoplasms | 136 | 32.4% | \$ | \$ | \$ |
| 2 | Diseases Of The Heart | 4,764 | 22.1% | \$ | \$ | \$ | Malignant Neoplasms | 47 | 20.0% | Diseases Of The Heart | 2,686 | 22.8% | Diseases Of The Heart | 1,592 | 22.7% | Diseases Of The Heart | 395 | 22.9% | Diseases Of The Heart | 78 | 18.6% | \$ | \$ | \$ |
| 3 | Alzheimer's Disease | 1,450 | 6.7% | \$ | \$ | \$ | Accidents/Unintentional Injuries | 19 | 8.1% | Cerebrovascular Diseases | 731 | 6.2% | Alzheimer's Disease | 539 | 7.7% | Alzheimer's Disease | 144 | 8.4% | Alzheimer's Disease | 28 | 6.7% | \$ | \$ | \$ |
| 4 | Cerebrovascular Diseases | 1,376 | 6.4% | \$ | \$ | \$ | Alzheimer's Disease | 14 | 6.0% | Alzheimer's Disease | 686 | 5.8% | Cerebrovascular Diseases | 472 | 6.7% | Cerebrovascular Diseases | 117 | 6.8% | Cerebrovascular Diseases | 24 | 5.7% | \$ | \$ | \$ |
| 5 | Accidents/Unintentional Injuries | 1,188 | 5.5% | \$ | \$ | \$ | Diabetes Mellitus | 13 | 5.5% | Accidents/Unintentional Injuries | 662 | 5.6% | Chronic Lower Respiratory Diseases | 356 | 5.1% | Chronic Lower Respiratory Diseases | 75 | 4.4% | Chronic Lower Respiratory Diseases | 15 | 3.6% | \$ | \$ | \$ |
| 6 | Chronic Lower Respiratory Diseases | 1,025 | 4.8% | \$ | \$ | \$ | Cerebrovascular Diseases | 12 | 5.1% | Chronic Lower Respiratory Diseases | 578 | 4.9% | Accidents/Unintentional Injuries | 315 | 4.5% | Accidents/Unintentional Injuries | 58 | 3.4% | Chronic Lower Respiratory Diseases | 11 | 2.6% | \$ | \$ | \$ |
| 7 | Diabetes Mellitus | 799 | 3.7% | \$ | \$ | \$ | Essential Hypertension And Hypertensive Renal Disease | 9 | 3.8% | Diabetes Mellitus | 477 | 4.1% | Diabetes Mellitus | 196 | 2.8% | Essential Hypertension And Hypertensive Renal Disease | 36 | 2.1% | Intentional Self-Harm (Suicide) | 10 | 2.4% | \$ | \$ | \$ |
| 8 | Essential Hypertension And Hypertensive Renal Disease | 469 | 2.2% | \$ | \$ | \$ | Influenza And Pneumonia | 6 | 2.6% | Chronic Liver Disease And Cirrhosis | 254 | 2.2% | Intentional Self-Harm (Suicide) | 128 | 1.8% | Intentional Self-Harm (Suicide) | 35 | 2.0% | Parkinson's Disease | 9 | 2.1% | \$ | \$ | \$ |
| 9 | Intentional Self-Harm (Suicide) | 428 | 2.0% | \$ | \$ | \$ | Parkinson's Disease | 6 | 2.6% | Essential Hypertension And Hypertensive Renal Disease | 237 | 2.0% | Chronic Liver Disease And Cirrhosis | 123 | 1.8% | Diabetes Mellitus | 35 | 2.0% | Essential Hypertension And Hypertensive Renal Disease | 8 | 1.9% | \$ | \$ | \$ |
| 10 | Influenza And Pneumonia | 393 | 1.8% | \$ | \$ | \$ | Chronic Liver Disease And Cirrhosis | 5 | 2.1% | Intentional Self-Harm (Suicide) | 224 | 1.9% | Parkinson's Disease | 122 | 1.7% | Parkinson's Disease | 32 | 1.9% | Diabetes Mellitus | 8 | 1.9% | \$ | \$ | \$ |
| 11 | Chronic Liver Disease And Cirrhosis | 364 | 1.7% | \$ | \$ | \$ | \$ | \$ | Influenza And Pneumonia | 205 | 1.7% | Influenza And Pneumonia | 118 | 1.7% | Chronic Liver Disease And Cirrhosis | 25 | 1.5% | Influenza And Pneumonia | 6 | 1.4% | \$ | \$ | \$ | |
| 12 | Parkinson's Disease | 362 | 1.7% | \$ | \$ | \$ | \$ | \$ | Parkinson's Disease | 156 | 1.3% | Essential Hypertension And Hypertensive Renal Disease | 115 | 1.6% | Influenza And Pneumonia | 25 | 1.5% | Chronic Liver Disease And Cirrhosis | 5 | 1.2% | \$ | \$ | \$ | |
| 13 | Pneumonitis Due To Solids And Liquids | 216 | 1.0% | \$ | \$ | \$ | \$ | \$ | Pneumonitis Due To Solids And Liquids | 97 | 0.8% | Pneumonitis Due To Solids And Liquids | 56 | 0.8% | Pneumonitis Due To Solids And Liquids | 23 | 1.3% | Pneumonitis Due To Solids And Liquids | 5 | 1.2% | \$ | \$ | \$ | |
| 14 | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 117 | 0.5% | \$ | \$ | \$ | \$ | \$ | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 73 | 0.6% | Congenital Malformations, Deformations And Chromosomal Abnormalities | 33 | 0.5% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 13 | 0.8% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 5 | 1.2% | \$ | \$ | \$ | |
| 15 | Septicemia | 95 | 0.4% | \$ | \$ | \$ | \$ | \$ | Assault (Homicide) | 67 | 0.6% | Aortic Aneurysm And Dissection | 33 | 0.5% | Septicemia | 9 | 0.5% | \$ | \$ | \$ | \$ | \$ | \$ | |
| 16 | All other causes (not rankable) | 3,479 | 16.1% | All other causes (not rankable) | \$ | \$ | All other causes (not rankable) | 37 | 15.7% | All other causes (not rankable) | 1,907 | 16% | All other causes (not rankable) | 1,078 | 15% | All other causes (not rankable) | 257 | 15% | All other causes (not rankable) | 72 | 17% | All other causes (not rankable) | \$ | \$ |
| Total Deaths³ | | 21,558 | 100.0% | | \$ | \$ | | 235 | 100.0% | | 11,769 | 100.0% | | 7,008 | 100.0% | | 1,724 | 100.0% | | 420 | 100.0% | | \$ | \$ |

¹ 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 based on the San Diego County residents for 2016.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

⁴ Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on how many standard deviations outside of the mean median household income they were. For more information, please contact the Community Health Statistics Unit.

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 & Human Services Agency, Public Health Services, Community Health Statistics Unit, June, 2018.

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2016 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|---------------|---------------------------------|----------|---------------|-------------------------------------|------------|--|---|---------------|--|-------------------------------------|--------------|--|---|--------------|--|---|------------|---------------|---------------------------------|----|----|----|
| RANK | All Income Levels | | | No Reported Income | | | Lowest Income | | | Low Income | | | Low Middle Income | | | Higher Middle Income | | | High Income | | | Highest Income | | | |
| | 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 | 5,096 | 24.1% | \$ | \$ | \$ | Malignant Neoplasms | 53 | 22.4% | Malignant Neoplasms | 2,729 | 23.2% | Malignant Neoplasms | 1,732 | 24.7% | Malignant Neoplasms | 445 | 25.8% | Malignant Neoplasms | 136 | 32.4% | \$ | \$ | \$ | |
| 2 | Diseases Of The Heart | 4,808 | 22.7% | \$ | \$ | \$ | Diseases Of The Heart | 51 | 21.5% | Diseases Of The Heart | 2,686 | 22.8% | Diseases Of The Heart | 1,592 | 22.7% | Diseases Of The Heart | 395 | 22.9% | Diseases Of The Heart | 78 | 18.6% | \$ | \$ | \$ | |
| 3 | Alzheimer's Disease | 1,403 | 6.6% | \$ | \$ | \$ | Accidents/Unintentional Injuries | 17 | 7.2% | Cerebrovascular Diseases | 731 | 6.2% | Alzheimer's Disease | 539 | 7.7% | Alzheimer's Disease | 144 | 8.4% | Cerebrovascular Diseases | 28 | 6.7% | \$ | \$ | \$ | |
| 4 | Cerebrovascular Diseases | 1,363 | 6.4% | \$ | \$ | \$ | Diabetes Mellitus | 17 | 7.2% | Alzheimer's Disease | 686 | 5.8% | Cerebrovascular Diseases | 472 | 6.7% | Cerebrovascular Diseases | 117 | 6.8% | Alzheimer's Disease | 24 | 5.7% | \$ | \$ | \$ | |
| 5 | Accidents/Unintentional Injuries | 1,071 | 5.1% | \$ | \$ | \$ | Cerebrovascular Diseases | 14 | 5.9% | Accidents/Unintentional Injuries | 662 | 5.6% | Chronic Lower Respiratory Diseases | 356 | 5.1% | Chronic Lower Respiratory Diseases | 75 | 4.4% | Accidents/Unintentional Injuries | 15 | 3.6% | \$ | \$ | \$ | |
| 6 | Chronic Lower Respiratory Diseases | 1,027 | 4.8% | \$ | \$ | \$ | Alzheimer's Disease | 10 | 4.2% | Chronic Lower Respiratory Diseases | 578 | 4.9% | Accidents/Unintentional Injuries | 315 | 4.5% | Accidents/Unintentional Injuries | 58 | 3.4% | Chronic Lower Respiratory Diseases | 11 | 2.6% | \$ | \$ | \$ | |
| 7 | Diabetes Mellitus | 734 | 3.5% | \$ | \$ | \$ | Chronic Lower Respiratory Diseases | 7 | 3.0% | Diabetes Mellitus | 477 | 4.1% | Diabetes Mellitus | 196 | 2.8% | Essential Hypertension And Hypertensive Renal Disease | 36 | 2.1% | Intentional Self-Harm (Suicide) | 10 | 2.4% | \$ | \$ | \$ | |
| 8 | Chronic Liver Disease And Cirrhosis | 412 | 1.9% | \$ | \$ | \$ | Intentional Self-Harm (Suicide) | 5 | 2.1% | Chronic Liver Disease And Cirrhosis | 254 | 2.2% | Intentional Self-Harm (Suicide) | 128 | 1.8% | Intentional Self-Harm (Suicide) | 35 | 2.0% | Parkinson's Disease | 9 | 2.1% | \$ | \$ | \$ | |
| 9 | Intentional Self-Harm (Suicide) | 407 | 1.9% | \$ | \$ | \$ | Chronic Liver Disease And Cirrhosis | 5 | 2.1% | Essential Hypertension And Hypertensive Renal Disease | 237 | 2.0% | Chronic Liver Disease And Cirrhosis | 123 | 1.8% | Diabetes Mellitus | 35 | 2.0% | Essential Hypertension And Hypertensive Renal Disease | 8 | 1.9% | \$ | \$ | \$ | |
| 10 | Essential Hypertension And Hypertensive Renal Disease | 400 | 1.9% | \$ | \$ | \$ | Influenza And Pneumonia | 5 | 2.1% | Intentional Self-Harm (Suicide) | 224 | 1.9% | Parkinson's Disease | 122 | 1.7% | Parkinson's Disease | 32 | 1.9% | Diabetes Mellitus | 8 | 1.9% | \$ | \$ | \$ | |
| 11 | Influenza And Pneumonia | 359 | 1.7% | \$ | \$ | \$ | \$ | \$ | Influenza And Pneumonia | 205 | 1.7% | Influenza And Pneumonia | 118 | 1.7% | Chronic Liver Disease And Cirrhosis | 25 | 1.5% | Influenza And Pneumonia | 6 | 1.4% | \$ | \$ | \$ | | |
| 12 | Parkinson's Disease | 319 | 1.5% | \$ | \$ | \$ | \$ | \$ | Parkinson's Disease | 156 | 1.3% | Essential Hypertension And Hypertensive Renal Disease | 115 | 1.6% | Influenza And Pneumonia | 25 | 1.5% | Chronic Liver Disease And Cirrhosis | 5 | 1.2% | \$ | \$ | \$ | | |
| 13 | Pneumonitis Due To Solids And Liquids | 182 | 0.9% | \$ | \$ | \$ | \$ | \$ | Pneumonitis Due To Solids And Liquids | 97 | 0.8% | Pneumonitis Due To Solids And Liquids | 56 | 0.8% | Pneumonitis Due To Solids And Liquids | 23 | 1.3% | Pneumonitis Due To Solids And Liquids | 5 | 1.2% | \$ | \$ | \$ | | |
| 14 | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 124 | 0.6% | \$ | \$ | \$ | \$ | \$ | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 73 | 0.6% | Congenital Malformations, Deformations And Chromosomal Abnormalities | 33 | 0.5% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 13 | 0.8% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 5 | 1.2% | \$ | \$ | \$ | | |
| 15 | Congenital Malformations, Deformations And Chromosomal Abnormalities | 101 | 0.5% | \$ | \$ | \$ | \$ | \$ | Assault (Homicide) | 67 | 0.6% | Aortic Aneurysm And Dissection | 33 | 0.5% | Septicemia | 9 | 0.5% | \$ | \$ | \$ | \$ | \$ | \$ | | |
| 16 | All other causes (not rankable) | 3,378 | 15.9% | All other causes (not rankable) | 9 | 100% | All other causes (not rankable) | 53 | 22% | All other causes (not rankable) | 1,907 | 16% | All other causes (not rankable) | 1,078 | 15% | All other causes (not rankable) | 257 | 15% | All other causes (not rankable) | 72 | 17% | All other causes (not rankable) | \$ | \$ | \$ |
| Total Deaths³ | | 21,184 | 100.0% | | 9 | 100.0% | | 237 | 100.0% | | 11,769 | 100.0% | | 7,008 | 100.0% | | 1,724 | 100.0% | | 420 | 100.0% | | \$ | \$ | \$ |

¹ 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 based on the San Diego County residents for 2016.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

⁴ Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on how many standard deviations outside of the mean median household income they were. For more information, please contact the Community Health Statistics Unit.

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 & Human Services Agency, Public Health Services, Community Health Statistics Unit, June, 2018.

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2015 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|---------------|---------------------------------|----------|---------------|-------------------------------------|------------|---------------------------------------|---|---------------|--|---|--------------|--|------------------------------------|--------------|---------------------|---|------------|---------------|---------------------------------|----|----|
| RANK | All Income Levels | | | No Reported Income | | | Lowest Income | | | Low Income | | | Low Middle Income | | | High Middle Income | | | High Income | | | Highest Income | | |
| | 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 | 5,028 | 24.3% | \$ | \$ | \$ | Malignant Neoplasms | 46 | 21.7% | Diseases Of The Heart | 2,717 | 23.6% | Malignant Neoplasms | 1,680 | 24.8% | Malignant Neoplasms | 475 | 27.4% | Malignant Neoplasms | 147 | 34.2% | \$ | \$ | \$ |
| 2 | Diseases Of The Heart | 4,713 | 22.8% | \$ | \$ | \$ | Diseases Of The Heart | 45 | 21.2% | Malignant Neoplasms | 2,675 | 23.2% | Diseases Of The Heart | 1,528 | 22.6% | Diseases Of The Heart | 345 | 19.9% | Diseases Of The Heart | 76 | 17.7% | \$ | \$ | \$ |
| 3 | Alzheimer's Disease | 1,400 | 6.8% | \$ | \$ | \$ | Cerebrovascular Diseases | 20 | 9.4% | Alzheimer's Disease | 718 | 6.2% | Alzheimer's Disease | 491 | 7.2% | Alzheimer's Disease | 151 | 8.7% | Alzheimer's Disease | 32 | 7.4% | \$ | \$ | \$ |
| 4 | Cerebrovascular Diseases | 1,163 | 5.6% | \$ | \$ | \$ | Diabetes Mellitus | 18 | 8.5% | Cerebrovascular Diseases | 616 | 5.3% | Cerebrovascular Diseases | 390 | 5.8% | Cerebrovascular Diseases | 108 | 6.2% | Cerebrovascular Diseases | 28 | 6.5% | \$ | \$ | \$ |
| 5 | Accidents/Unintentional Injuries | 1,035 | 5.0% | \$ | \$ | \$ | Accidents/Unintentional Injuries | 14 | 6.6% | Chronic Lower Respiratory Diseases | 591 | 5.1% | Accidents/Unintentional Injuries | 348 | 5.1% | Accidents/Unintentional Injuries | 71 | 4.1% | Chronic Lower Respiratory Diseases | 17 | 4.0% | \$ | \$ | \$ |
| 6 | Chronic Lower Respiratory Diseases | 995 | 4.8% | \$ | \$ | \$ | Chronic Liver Disease And Cirrhosis | 8 | 3.8% | Accidents/Unintentional Injuries | 575 | 5.0% | Chronic Lower Respiratory Diseases | 318 | 4.7% | Chronic Lower Respiratory Diseases | 61 | 3.5% | Accidents/Unintentional Injuries | 13 | 3.0% | \$ | \$ | \$ |
| 7 | Diabetes Mellitus | 709 | 3.4% | \$ | \$ | \$ | Alzheimer's Disease | 8 | 3.8% | Diabetes Mellitus | 457 | 4.0% | Diabetes Mellitus | 191 | 2.8% | Intentional Self-Harm (Suicide) | 40 | 2.3% | Intentional Self-Harm (Suicide) | 11 | 2.6% | \$ | \$ | \$ |
| 8 | Intentional Self-Harm (Suicide) | 409 | 2.0% | \$ | \$ | \$ | Chronic Lower Respiratory Diseases | 6 | 2.8% | Chronic Liver Disease And Cirrhosis | 248 | 2.2% | Intentional Self-Harm (Suicide) | 141 | 2.1% | Diabetes Mellitus | 39 | 2.2% | Influenza And Pneumonia | 8 | 1.9% | \$ | \$ | \$ |
| 9 | Chronic Liver Disease And Cirrhosis | 387 | 1.9% | \$ | \$ | \$ | Assault (Homicide) | 5 | 2.4% | Essential Hypertension And Hypertensive Renal Disease | 224 | 1.9% | Essential Hypertension And Hypertensive Renal Disease | 125 | 1.8% | Parkinson's Disease | 30 | 1.7% | Essential Hypertension And Hypertensive Renal Disease | 8 | 1.9% | \$ | \$ | \$ |
| 10 | Essential Hypertension And Hypertensive Renal Disease | 383 | 1.8% | \$ | \$ | \$ | \$ | \$ | Intentional Self-Harm (Suicide) | 215 | 1.9% | Influenza And Pneumonia | 109 | 1.6% | Pneumonitis Due To Solids And Liquids | 28 | 1.6% | Parkinson's Disease | 8 | 1.9% | \$ | \$ | \$ | |
| 11 | Influenza And Pneumonia | 343 | 1.7% | \$ | \$ | \$ | \$ | \$ | Influenza And Pneumonia | 194 | 1.7% | Parkinson's Disease | 105 | 1.6% | Influenza And Pneumonia | 28 | 1.6% | \$ | \$ | \$ | \$ | \$ | | |
| 12 | Parkinson's Disease | 269 | 1.3% | \$ | \$ | \$ | \$ | \$ | Parkinson's Disease | 124 | 1.1% | Chronic Liver Disease And Cirrhosis | 102 | 1.5% | Chronic Liver Disease And Cirrhosis | 25 | 1.4% | \$ | \$ | \$ | \$ | \$ | | |
| 13 | Pneumonitis Due To Solids And Liquids | 185 | 0.9% | \$ | \$ | \$ | \$ | \$ | Pneumonitis Due To Solids And Liquids | 101 | 0.9% | Pneumonitis Due To Solids And Liquids | 50 | 0.7% | Essential Hypertension And Hypertensive Renal Disease | 23 | 1.3% | \$ | \$ | \$ | \$ | \$ | | |
| 14 | Septicemia | 113 | 0.5% | \$ | \$ | \$ | \$ | \$ | Septicemia | 70 | 0.6% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Beha | 39 | 0.6% | Certain Conditions Originating In The Perinatal Period | 10 | 0.6% | \$ | \$ | \$ | \$ | \$ | | |
| 15 | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 102 | 0.5% | \$ | \$ | \$ | \$ | \$ | Viral Hepatitis | 58 | 0.5% | Congenital Malformations, Deformations And Chromosomal Abnormalities | 38 | 0.6% | Nephritis, Nephrotic Syndrome And Nephrosis | 9 | 0.5% | \$ | \$ | \$ | \$ | \$ | | |
| 16 | All other causes (not rankable) | 3,469 | 16.8% | All other causes (not rankable) | 8 | 100% | All other causes (not rankable) | 42 | 19.8% | All other causes (not rankable) | 1,938 | 16.8% | All other causes (not rankable) | 1,118 | 17% | All other causes (not rankable) | 291 | 17% | All other causes (not rankable) | 82 | 19% | All other causes (not rankable) | \$ | \$ |
| Total Deaths³ | | 20,703 | 100.0% | | 8 | 100.0% | | 212 | 100.0% | | 11,521 | 100.0% | | 6,773 | 100.0% | | 1,734 | 100.0% | | 430 | 100.0% | | \$ | \$ |

¹ 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 based on the San Diego County residents for 2015.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data. § Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on how many standard deviations outside of the mean median household income they were. For more information, please contact the Community Health Statistics Unit.

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 & Human Services Agency, Public Health Services, Community Health Statistics Unit, July, 2018.

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2014 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|---------------|---------------------------------|----|----|-------------------------------------|---------------|--|------------------------------------|---------------|---|------------------------------------|---------------|---|------------------------------------|---------------|-------------------------------------|------------------------------------|---------------|-------|---------------------------------|----|----|
| RANK | All Income Levels | | | No Reported Income | | | Lowest Income | | | Low Income | | | Low Middle Income | | | High Middle Income | | | High Income | | | Highest Income | | |
| | 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 | 4,862 | 24.6% | \$ | \$ | \$ | Diseases Of The Heart | 72 | 28.7% | Malignant Neoplasms | 2,606 | 23.5% | Malignant Neoplasms | 1,641 | 25.4% | Malignant Neoplasms | 429 | 27.2% | Malignant Neoplasms | 120 | 31.7% | \$ | \$ | \$ |
| 2 | Diseases Of The Heart | 4,534 | 22.9% | \$ | \$ | \$ | Malignant Neoplasms | 63 | 25.1% | Diseases Of The Heart | 2,584 | 23.3% | Diseases Of The Heart | 1,461 | 22.6% | Diseases Of The Heart | 340 | 21.5% | Diseases Of The Heart | 74 | 19.5% | \$ | \$ | \$ |
| 3 | Alzheimer's Disease | 1,311 | 6.6% | \$ | \$ | \$ | Accidents/Unintentional Injuries | 23 | 9.2% | Alzheimer's Disease | 656 | 5.9% | Alzheimer's Disease | 482 | 7.5% | Alzheimer's Disease | 139 | 8.8% | Cerebrovascular Diseases | 26 | 6.9% | \$ | \$ | \$ |
| 4 | Cerebrovascular Diseases | 1,138 | 5.7% | \$ | \$ | \$ | Cerebrovascular Diseases | 15 | 6.0% | Accidents/Unintentional Injuries | 638 | 5.7% | Cerebrovascular Diseases | 372 | 5.8% | Cerebrovascular Diseases | 104 | 6.6% | Alzheimer's Disease | 26 | 6.9% | \$ | \$ | \$ |
| 5 | Accidents/Unintentional Injuries | 1,074 | 5.4% | \$ | \$ | \$ | Diabetes Mellitus | 12 | 4.8% | Cerebrovascular Diseases | 621 | 5.6% | Chronic Lower Respiratory Diseases | 333 | 5.2% | Accidents/Unintentional Injuries | 80 | 5.1% | Accidents/Unintentional Injuries | 21 | 5.5% | \$ | \$ | \$ |
| 6 | Chronic Lower Respiratory Diseases | 984 | 5.0% | \$ | \$ | \$ | Chronic Liver Disease And Cirrhosis | 8 | 3.2% | Chronic Lower Respiratory Diseases | 569 | 5.1% | Accidents/Unintentional Injuries | 306 | 4.7% | Chronic Lower Respiratory Diseases | 62 | 3.9% | Chronic Lower Respiratory Diseases | 14 | 3.7% | \$ | \$ | \$ |
| 7 | Diabetes Mellitus | 582 | 2.9% | \$ | \$ | \$ | Alzheimer's Disease | 8 | 3.2% | Diabetes Mellitus | 384 | 3.5% | Diabetes Mellitus | 150 | 2.3% | Intentional Self-Harm (Suicide) | 30 | 1.9% | Intentional Self-Harm (Suicide) | 7 | 1.8% | \$ | \$ | \$ |
| 8 | Intentional Self-Harm (Suicide) | 405 | 2.0% | \$ | \$ | \$ | Chronic Lower Respiratory Diseases | 5 | 2.0% | Intentional Self-Harm (Suicide) | 234 | 2.1% | Intentional Self-Harm (Suicide) | 130 | 2.0% | Diabetes Mellitus | 29 | 1.8% | Influenza And Pneumonia | 7 | 1.8% | \$ | \$ | \$ |
| 9 | Chronic Liver Disease And Cirrhosis | 316 | 1.6% | \$ | \$ | \$ | \$ | \$ | Chronic Liver Disease And Cirrhosis | 210 | 1.9% | Influenza And Pneumonia | 100 | 1.5% | Parkinson's Disease | 28 | 1.8% | Diabetes Mellitus | 6 | 1.6% | \$ | \$ | \$ | |
| 10 | Essential Hypertension And Hypertensive Renal Disease | 312 | 1.6% | \$ | \$ | \$ | \$ | \$ | Essential Hypertension And Hypertensive Renal Disease | 194 | 1.7% | Essential Hypertension And Hypertensive Renal Disease | 91 | 1.4% | Essential Hypertension And Hypertensive Renal Disease | 23 | 1.5% | Chronic Liver Disease And Cirrhosis | 5 | 1.3% | \$ | \$ | \$ | |
| 11 | Influenza And Pneumonia | 298 | 1.5% | \$ | \$ | \$ | \$ | \$ | Influenza And Pneumonia | 169 | 1.5% | Parkinson's Disease | 90 | 1.4% | Influenza And Pneumonia | 20 | 1.3% | \$ | \$ | \$ | \$ | \$ | | |
| 12 | Parkinson's Disease | 268 | 1.4% | \$ | \$ | \$ | \$ | \$ | Parkinson's Disease | 146 | 1.3% | Chronic Liver Disease And Cirrhosis | 72 | 1.1% | Chronic Liver Disease And Cirrhosis | 19 | 1.2% | \$ | \$ | \$ | \$ | \$ | | |
| 13 | Pneumonitis Due To Solids And Liquids | 134 | 0.7% | \$ | \$ | \$ | \$ | \$ | Viral Hepatitis | 80 | 0.7% | Pneumonitis Due To Solids And Liquids | 50 | 0.8% | Pneumonitis Due To Solids And Liquids | 13 | 0.8% | \$ | \$ | \$ | \$ | \$ | | |
| 14 | Viral Hepatitis | 117 | 0.6% | \$ | \$ | \$ | \$ | \$ | Certain Conditions Originating In The Perinatal Period | 69 | 0.6% | Nephritis, Nephrotic Syndrome And Nephrosis | 38 | 0.6% | Septicemia | 9 | 0.6% | \$ | \$ | \$ | \$ | \$ | | |
| 15 | Nephritis, Nephrotic Syndrome And Nephrosis | 110 | 0.6% | \$ | \$ | \$ | \$ | \$ | Pneumonitis Due To Solids And Liquids | 69 | 0.6% | Septicemia | 33 | 0.5% | Nephritis, Nephrotic Syndrome And Nephrosis | 9 | 0.6% | \$ | \$ | \$ | \$ | \$ | | |
| 16 | All other causes (not rankable) | 3,347 | 16.9% | All other causes (not rankable) | \$ | \$ | All other causes (not rankable) | 45 | 18% | All other causes (not rankable) | 1,879 | 17% | All other causes (not rankable) | 1,106 | 17% | All other causes (not rankable) | 244 | 15% | All other causes (not rankable) | 73 | 19% | All other causes (not rankable) | \$ | \$ |
| Total Deaths³ | | 19,792 | 100.0% | \$ | \$ | \$ | 251 | 100.0% | | 11,108 | 100.0% | | 6,455 | 100.0% | | 1,578 | 100.0% | | 379 | 100.0% | \$ | \$ | \$ | |

¹ 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 based on the San Diego County residents for 2014.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

⁴ Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on how many standard deviations outside of the mean median household income they were. For more information, please contact the Community Health Statistics Unit.

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 & Human Services Agency, Public Health Services, Community Health Statistics Unit, June, 2018.

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2013 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|---------------|---------------------------------|----|----|---|------------|--|---|---------------|---------------------------------------|---|--------------|--|---|--------------|---------------|---|------------|---------------|---------------------------------|----------|---------------|
| RANK | All Income Levels | | | No Reported Income | | | Lowest Income | | | Low Income | | | Low Middle Income | | | High Middle Income | | | High Income | | | Highest Income | | |
| | 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 | 5,010 | 24.6% | \$ | \$ | \$ | Diseases Of The Heart | 60 | 24.6% | Diseases Of The Heart | 2,685 | 24.1% | Malignant Neoplasms | 1,727 | 25.1% | Malignant Neoplasms | 481 | 27.5% | Malignant Neoplasms | 125 | 32.5% | \$ | \$ | \$ |
| 2 | Diseases Of The Heart | 4,778 | 23.4% | \$ | \$ | \$ | Malignant Neoplasms | 51 | 20.9% | Malignant Neoplasms | 2,624 | 23.6% | Diseases Of The Heart | 1,580 | 23.0% | Diseases Of The Heart | 389 | 22.2% | Diseases Of The Heart | 63 | 16.4% | \$ | \$ | \$ |
| 3 | Alzheimer's Disease | 1,279 | 6.3% | \$ | \$ | \$ | Accidents/Unintentional Injuries | 19 | 7.8% | Alzheimer's Disease | 669 | 6.0% | Alzheimer's Disease | 436 | 6.3% | Alzheimer's Disease | 138 | 7.9% | Alzheimer's Disease | 31 | 8.1% | \$ | \$ | \$ |
| 4 | Cerebrovascular Diseases | 1,109 | 5.4% | \$ | \$ | \$ | Chronic Lower Respiratory Diseases | 11 | 4.5% | Chronic Lower Respiratory Diseases | 620 | 5.6% | Chronic Lower Respiratory Diseases | 376 | 5.5% | Cerebrovascular Diseases | 89 | 5.1% | Cerebrovascular Diseases | 28 | 7.3% | \$ | \$ | \$ |
| 5 | Chronic Lower Respiratory Diseases | 1,090 | 5.3% | \$ | \$ | \$ | Cerebrovascular Diseases | 11 | 4.5% | Cerebrovascular Diseases | 606 | 5.4% | Cerebrovascular Diseases | 373 | 5.4% | Accidents/Unintentional Injuries | 79 | 4.5% | Chronic Lower Respiratory Diseases | 16 | 4.2% | \$ | \$ | \$ |
| 6 | Accidents/Unintentional Injuries | 1,004 | 4.9% | \$ | \$ | \$ | Diabetes Mellitus | 7 | 2.9% | Accidents/Unintentional Injuries | 564 | 5.1% | Accidents/Unintentional Injuries | 324 | 4.7% | Chronic Lower Respiratory Diseases | 66 | 3.8% | Accidents/Unintentional Injuries | 14 | 3.6% | \$ | \$ | \$ |
| 7 | Diabetes Mellitus | 614 | 3.0% | \$ | \$ | \$ | Intentional Self-Harm (Suicide) | 6 | 2.5% | Diabetes Mellitus | 385 | 3.5% | Diabetes Mellitus | 185 | 2.7% | Intentional Self-Harm (Suicide) | 36 | 2.1% | Intentional Self-Harm (Suicide) | 11 | 2.9% | \$ | \$ | \$ |
| 8 | Intentional Self-Harm (Suicide) | 427 | 2.1% | \$ | \$ | \$ | Chronic Liver Disease And Cirrhosis | 6 | 2.5% | Intentional Self-Harm (Suicide) | 230 | 2.1% | Intentional Self-Harm (Suicide) | 140 | 2.0% | Parkinson's Disease | 33 | 1.9% | Influenza And Pneumonia | 6 | 1.6% | \$ | \$ | \$ |
| 9 | Influenza And Pneumonia | 333 | 1.6% | \$ | \$ | \$ | Essential Hypertension And Hypertensive Renal Disease | 6 | 2.5% | Chronic Liver Disease And Cirrhosis | 183 | 1.6% | Influenza And Pneumonia | 112 | 1.6% | Diabetes Mellitus | 32 | 1.8% | Essential Hypertension And Hypertensive Renal Disease | 5 | 1.3% | \$ | \$ | \$ |
| 10 | Essential Hypertension And Hypertensive Renal Disease | 324 | 1.6% | \$ | \$ | \$ | Septicemia | 5 | 2.0% | Influenza And Pneumonia | 183 | 1.6% | Essential Hypertension And Hypertensive Renal Disease | 110 | 1.6% | Influenza And Pneumonia | 28 | 1.6% | Parkinson's Disease | 5 | 1.3% | \$ | \$ | \$ |
| 11 | Chronic Liver Disease And Cirrhosis | 319 | 1.6% | \$ | \$ | \$ | Assault (Homicide) | 5 | 2.0% | Essential Hypertension And Hypertensive Renal Disease | 179 | 1.6% | Chronic Liver Disease And Cirrhosis | 100 | 1.5% | Chronic Liver Disease And Cirrhosis | 27 | 1.5% | Diabetes Mellitus | 5 | 1.3% | \$ | \$ | \$ |
| 12 | Parkinson's Disease | 246 | 1.2% | \$ | \$ | \$ | Alzheimer's Disease | 5 | 2.0% | Parkinson's Disease | 111 | 1.0% | Parkinson's Disease | 96 | 1.4% | Essential Hypertension And Hypertensive Renal Disease | 24 | 1.4% | \$ | \$ | \$ | \$ | \$ | |
| 13 | Pneumonitis Due To Solids And Liquids | 129 | 0.6% | \$ | \$ | \$ | \$ | \$ | Viral Hepatitis | 81 | 0.7% | Pneumonitis Due To Solids And Liquids | 53 | 0.8% | Nephritis, Nephrotic Syndrome And Nephrosis | 13 | 0.7% | \$ | \$ | \$ | \$ | \$ | \$ | |
| 14 | Septicemia | 113 | 0.6% | \$ | \$ | \$ | \$ | \$ | Certain Conditions Originating In The Perinatal Period | 68 | 0.6% | Aortic Aneurysm And Dissection | 43 | 0.6% | Congenital Malformations, Deformations And Chromosomal Abnormalities | 10 | 0.6% | \$ | \$ | \$ | \$ | \$ | \$ | |
| 15 | Viral Hepatitis | 113 | 0.6% | \$ | \$ | \$ | \$ | \$ | Pneumonitis Due To Solids And Liquids | 65 | 0.6% | Septicemia | 35 | 0.5% | Pneumonitis Due To Solids And Liquids | 8 | 0.5% | \$ | \$ | \$ | \$ | \$ | \$ | |
| 16 | All other causes (not rankable) | 3,503 | 17.2% | All other causes (not rankable) | \$ | \$ | All other causes (not rankable) | 52 | 21% | All other causes (not rankable) | 1,867 | 17% | All other causes (not rankable) | 1,178 | 17% | All other causes (not rankable) | 298 | 17% | All other causes (not rankable) | 76 | 20% | All other causes (not rankable) | \$ | \$ |
| Total Deaths³ | | 20,391 | 100.0% | | \$ | \$ | | 244 | 100.0% | | 11,120 | 100.0% | | 6,868 | 100.0% | | 1,751 | 100.0% | | 385 | 100.0% | | 2 | 100.0% |

¹ 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 based on the San Diego County residents for 2013.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

⁴ Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on how many standard deviations outside of the mean median household income they were. For more information, please contact the Community Health Statistics Unit.

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 & Human Services Agency, Public Health Services, Community Health Statistics Unit, June, 2018.

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2012 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|---------------|---------------------------------|----|----|--|------------|---|-------------------------------------|---------------|--|---|--------------|---|------------------------------------|--------------|---|------------------------------------|------------|---------------|---------------------------------|----|----|----|
| RANK | All Income Levels | | | No Reported Income | | | Lowest Income | | | Low Income | | | Low Middle Income | | | High Middle Income | | | High Income | | | Highest Income | | | |
| | 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 | 4,929 | 24.9% | \$ | \$ | \$ | Diseases Of The Heart | 67 | 27.0% | Malignant Neoplasms | 2,673 | 24.3% | Malignant Neoplasms | 1,662 | 25.4% | Malignant Neoplasms | 411 | 25.5% | Malignant Neoplasms | 113 | 29.7% | \$ | \$ | \$ | |
| 2 | Diseases Of The Heart | 4,587 | 23.2% | \$ | \$ | \$ | Malignant Neoplasms | 63 | 25.4% | Diseases Of The Heart | 2,575 | 23.4% | Diseases Of The Heart | 1,518 | 23.2% | Diseases Of The Heart | 343 | 21.3% | Diseases Of The Heart | 79 | 20.8% | \$ | \$ | \$ | |
| 3 | Alzheimer's Disease | 1,160 | 5.9% | \$ | \$ | \$ | Accidents/Unintentional Injuries | 12 | 4.8% | Alzheimer's Disease | 627 | 5.7% | Alzheimer's Disease | 393 | 6.0% | Alzheimer's Disease | 112 | 6.9% | Accidents/Unintentional Injuries | 28 | 7.4% | \$ | \$ | \$ | |
| 4 | Chronic Lower Respiratory Diseases | 1,021 | 5.2% | \$ | \$ | \$ | Diabetes Mellitus | 12 | 4.8% | Cerebrovascular Diseases | 566 | 5.1% | Chronic Lower Respiratory Diseases | 362 | 5.5% | Cerebrovascular Diseases | 102 | 6.3% | Alzheimer's Disease | 20 | 5.3% | \$ | \$ | \$ | |
| 5 | Cerebrovascular Diseases | 998 | 5.0% | \$ | \$ | \$ | Cerebrovascular Diseases | 11 | 4.4% | Chronic Lower Respiratory Diseases | 556 | 5.1% | Accidents/Unintentional Injuries | 325 | 5.0% | Chronic Lower Respiratory Diseases | 83 | 5.1% | Cerebrovascular Diseases | 19 | 5.0% | \$ | \$ | \$ | |
| 6 | Accidents/Unintentional Injuries | 962 | 4.9% | \$ | \$ | \$ | Assault (Homicide) | 9 | 3.6% | Accidents/Unintentional Injuries | 532 | 4.8% | Cerebrovascular Diseases | 300 | 4.6% | Accidents/Unintentional Injuries | 61 | 3.8% | Chronic Lower Respiratory Diseases | 9 | 2.4% | \$ | \$ | \$ | |
| 7 | Diabetes Mellitus | 648 | 3.3% | \$ | \$ | \$ | Chronic Lower Respiratory Diseases | 9 | 3.6% | Diabetes Mellitus | 406 | 3.7% | Diabetes Mellitus | 187 | 2.9% | Intentional Self-Harm (Suicide) | 37 | 2.3% | Diabetes Mellitus | 8 | 2.1% | \$ | \$ | \$ | |
| 8 | Intentional Self-Harm (Suicide) | 405 | 2.0% | \$ | \$ | \$ | Alzheimer's Disease | 7 | 2.8% | Chronic Liver Disease And Cirrhosis | 233 | 2.1% | Intentional Self-Harm (Suicide) | 141 | 2.2% | Diabetes Mellitus | 35 | 2.2% | Intentional Self-Harm (Suicide) | 7 | 1.8% | \$ | \$ | \$ | |
| 9 | Chronic Liver Disease And Cirrhosis | 352 | 1.8% | \$ | \$ | \$ | Certain Conditions Originating In The Perinatal Period | 6 | 2.4% | Intentional Self-Harm (Suicide) | 217 | 2.0% | Essential Hypertension And Hypertensive Renal Disease | 111 | 1.7% | Influenza And Pneumonia | 32 | 2.0% | Influenza And Pneumonia | 7 | 1.8% | \$ | \$ | \$ | |
| 10 | Essential Hypertension And Hypertensive Renal Disease | 329 | 1.7% | \$ | \$ | \$ | \$ | \$ | Essential Hypertension And Hypertensive Renal Disease | 185 | 1.7% | Parkinson's Disease | 109 | 1.7% | Essential Hypertension And Hypertensive Renal Disease | 27 | 1.7% | Chronic Liver Disease And Cirrhosis | 6 | 1.6% | \$ | \$ | \$ | | |
| 11 | Influenza And Pneumonia | 302 | 1.5% | \$ | \$ | \$ | \$ | \$ | Influenza And Pneumonia | 163 | 1.5% | Influenza And Pneumonia | 97 | 1.5% | Parkinson's Disease | 27 | 1.7% | Parkinson's Disease | 6 | 1.6% | \$ | \$ | \$ | | |
| 12 | Parkinson's Disease | 262 | 1.3% | \$ | \$ | \$ | \$ | \$ | Parkinson's Disease | 117 | 1.1% | Chronic Liver Disease And Cirrhosis | 86 | 1.3% | Chronic Liver Disease And Cirrhosis | 22 | 1.4% | Pneumonitis Due To Solids And Liquids | \$ | \$ | \$ | \$ | \$ | | |
| 13 | Pneumonitis Due To Solids And Liquids | 148 | 0.7% | \$ | \$ | \$ | \$ | \$ | Septicemia | 85 | 0.8% | Pneumonitis Due To Solids And Liquids | 53 | 0.8% | Nephritis, Nephrotic Syndrome And Nephrosis | 11 | 0.7% | Pneumonitis Due To Solids And Liquids | \$ | \$ | \$ | \$ | \$ | | |
| 14 | Septicemia | 129 | 0.7% | \$ | \$ | \$ | \$ | \$ | Viral Hepatitis | 80 | 0.7% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 41 | 0.6% | Pneumonitis Due To Solids And Liquids | 11 | 0.7% | Pneumonitis Due To Solids And Liquids | \$ | \$ | \$ | \$ | \$ | | |
| 15 | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 124 | 0.6% | \$ | \$ | \$ | \$ | \$ | Pneumonitis Due To Solids And Liquids | 78 | 0.7% | Septicemia | 33 | 0.5% | Viral Hepatitis | 10 | 0.6% | Neoplasms And Neoplasms Of Unknown Behavior | \$ | \$ | \$ | \$ | \$ | | |
| 16 | All other causes (not rankable) | 3,444 | 17.4% | All other causes (not rankable) | \$ | \$ | All other causes (not rankable) | 52 | 21% | All other causes (not rankable) | 1,907 | 17% | All other causes (not rankable) | 1,115 | 17% | All other causes (not rankable) | 290 | 18% | All other causes (not rankable) | 78 | 21% | All other causes (not rankable) | \$ | \$ | \$ |
| Total Deaths³ | | 19,800 | 100.0% | | \$ | \$ | | 248 | 100.0% | | 11,000 | 100.0% | | 6,533 | 100.0% | | 1,614 | 100.0% | | 380 | 100.0% | | \$ | \$ | \$ |

¹ 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 based on the San Diego County residents for 2012.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

⁴ Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on how many standard deviations outside of the mean median household income they were. For more information, please contact the Community Health Statistics Unit.

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 & Human Services Agency, Public Health Services, Community Health Statistics Unit, June, 2018.

| Leading Causes of Death ^{1,2} Among San Diego County Residents by Socioeconomic Status, 2011 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|---------------|---------------------------------|----------|---------------|--|------------|---|-------------------------------------|---------------|--|-------------------------------------|--------------|--|---|--------------|---------------|------------------------------------|------------|---------------|---------------------------------|----|----|
| RANK | All Income Levels | | | No Reported Income | | | Lowest Income | | | Low Income | | | Low Middle Income | | | High Middle Income | | | High Income | | | Highest Income | | |
| | 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 | 4,796 | 24.3% | \$ | \$ | \$ | Diseases Of The Heart | 57 | 23.1% | Malignant Neoplasms | 2,633 | 24.0% | Diseases Of The Heart | 1,625 | 25.0% | Malignant Neoplasms | 439 | 26.7% | Malignant Neoplasms | 90 | 25.2% | \$ | \$ | \$ |
| 2 | Diseases Of The Heart | 4,734 | 24.0% | \$ | \$ | \$ | Malignant Neoplasms | 52 | 21.1% | Diseases Of The Heart | 2,622 | 23.9% | Malignant Neoplasms | 1,577 | 24.3% | Diseases Of The Heart | 346 | 21.0% | Diseases Of The Heart | 83 | 23.2% | \$ | \$ | \$ |
| 3 | Alzheimer's Disease | 1,217 | 6.2% | \$ | \$ | \$ | Accidents/Unintentional Injuries | 22 | 8.9% | Alzheimer's Disease | 642 | 5.8% | Alzheimer's Disease | 428 | 6.6% | Alzheimer's Disease | 116 | 7.1% | Accidents/Unintentional Injuries | 24 | 6.7% | \$ | \$ | \$ |
| 4 | Chronic Lower Respiratory Diseases | 1,040 | 5.3% | \$ | \$ | \$ | Cerebrovascular Diseases | 17 | 6.9% | Chronic Lower Respiratory Diseases | 615 | 5.6% | Cerebrovascular Diseases | 357 | 5.5% | Cerebrovascular Diseases | 90 | 5.5% | Alzheimer's Disease | 24 | 6.7% | \$ | \$ | \$ |
| 5 | Cerebrovascular Diseases | 1,025 | 5.2% | \$ | \$ | \$ | Diabetes Mellitus | 10 | 4.0% | Accidents/Unintentional Injuries | 572 | 5.2% | Chronic Lower Respiratory Diseases | 311 | 4.8% | Accidents/Unintentional Injuries | 86 | 5.2% | Chronic Lower Respiratory Diseases | 20 | 5.6% | \$ | \$ | \$ |
| 6 | Accidents/Unintentional Injuries | 1,005 | 5.1% | \$ | \$ | \$ | Chronic Lower Respiratory Diseases | 8 | 3.2% | Cerebrovascular Diseases | 542 | 4.9% | Accidents/Unintentional Injuries | 299 | 4.6% | Chronic Lower Respiratory Diseases | 84 | 5.1% | Cerebrovascular Diseases | 18 | 5.0% | \$ | \$ | \$ |
| 7 | Diabetes Mellitus | 580 | 2.9% | \$ | \$ | \$ | Chronic Liver Disease And Cirrhosis | 7 | 2.8% | Diabetes Mellitus | 376 | 3.4% | Diabetes Mellitus | 162 | 2.5% | Intentional Self-Harm (Suicide) | 30 | 1.8% | Intentional Self-Harm (Suicide) | 8 | 2.2% | \$ | \$ | \$ |
| 8 | Intentional Self-Harm (Suicide) | 381 | 1.9% | \$ | \$ | \$ | Alzheimer's Disease | 7 | 2.8% | Intentional Self-Harm (Suicide) | 215 | 2.0% | Intentional Self-Harm (Suicide) | 123 | 1.9% | Parkinson's Disease | 30 | 1.8% | Influenza And Pneumonia | 8 | 2.2% | \$ | \$ | \$ |
| 9 | Chronic Liver Disease And Cirrhosis | 326 | 1.7% | \$ | \$ | \$ | Influenza And Pneumonia | 6 | 2.4% | Chronic Liver Disease And Cirrhosis | 213 | 1.9% | Influenza And Pneumonia | 108 | 1.7% | Essential Hypertension And Hypertensive Renal Disease | 27 | 1.6% | Parkinson's Disease | 8 | 2.2% | \$ | \$ | \$ |
| 10 | Influenza And Pneumonia | 310 | 1.6% | \$ | \$ | \$ | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 5 | 2.0% | Influenza And Pneumonia | 169 | 1.5% | Chronic Liver Disease And Cirrhosis | 88 | 1.4% | Diabetes Mellitus | 27 | 1.6% | \$ | \$ | \$ | \$ | \$ | |
| 11 | Essential Hypertension And Hypertensive Renal Disease | 267 | 1.4% | \$ | \$ | \$ | \$ | \$ | Essential Hypertension And Hypertensive Renal Disease | 153 | 1.4% | Essential Hypertension And Hypertensive Renal Disease | 83 | 1.3% | Influenza And Pneumonia | 19 | 1.2% | \$ | \$ | \$ | \$ | \$ | | |
| 12 | Parkinson's Disease | 209 | 1.1% | \$ | \$ | \$ | \$ | \$ | Parkinson's Disease | 96 | 0.9% | Parkinson's Disease | 74 | 1.1% | Chronic Liver Disease And Cirrhosis | 15 | 0.9% | \$ | \$ | \$ | \$ | \$ | | |
| 13 | Pneumonitis Due To Solids And Liquids | 147 | 0.7% | \$ | \$ | \$ | \$ | \$ | Septicemia | 74 | 0.7% | Pneumonitis Due To Solids And Liquids | 57 | 0.9% | Septicemia | 12 | 0.7% | \$ | \$ | \$ | \$ | \$ | | |
| 14 | Septicemia | 128 | 0.6% | \$ | \$ | \$ | \$ | \$ | Pneumonitis Due To Solids And Liquids | 74 | 0.7% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 43 | 0.7% | Pneumonitis Due To Solids And Liquids | 12 | 0.7% | \$ | \$ | \$ | \$ | \$ | | |
| 15 | Viral Hepatitis | 112 | 0.6% | \$ | \$ | \$ | \$ | \$ | Viral Hepatitis | 72 | 0.7% | Septicemia | 40 | 0.6% | In Situ Neoplasms, Benign Neoplasms And Neoplasms Of Uncertain Or Unknown Behavior | 10 | 0.6% | \$ | \$ | \$ | \$ | \$ | | |
| 16 | All other causes (not rankable) | 3,471 | 17.6% | All other causes (not rankable) | 8 | 100% | All other causes (not rankable) | 56 | 23% | All other causes (not rankable) | 1,913 | 17% | All other causes (not rankable) | 1,119 | 17% | All other causes (not rankable) | 301 | 18% | All other causes (not rankable) | 74 | 21% | All other causes (not rankable) | \$ | \$ |
| Total Deaths³ | | 19,748 | 100.0% | | 8 | 100.0% | | 247 | 100.0% | | 10,981 | 100.0% | | 6,494 | 100.0% | | 1,644 | 100.0% | | 357 | 100.0% | | \$ | \$ |

¹ 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 based on the San Diego County residents for 2011.

² Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

³ Deaths for specific demographics or geographic area may not equal the total deaths for San Diego County due to missing data.

⁴ Not shown for fewer than 5 deaths.

Note: Median Household Income is the proxy measure for SES. Categorical groupings were decided based on how many standard deviations outside of the mean median household income they were. For more information, please contact the Community Health Statistics Unit.

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

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