

LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2010
Number and Percent of Deaths and Age-Specific Rates

Table 1. Age <1 year

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|--|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | congenital malformations, deformations and chromosomal abnormalities | 60 | 29.9 | 147.5 | 157 | 25.0 | 119.5 |
| 2 | Sudden infant death syndrome | 26 | 12.9 | 63.9 | 84 | 13.4 | 64.0 |
| 3 | Newborn affected by maternal complications of pregnancy | 21 | 10.5 | 51.6 | 72 | 11.5 | 54.8 |
| 4 | Disorders related to short gestation and low birthweight, not elsewhere classified | 20 | 10.0 | * | 68 | 10.8 | 51.8 |
| 5 | other cause (not rankable) | 19 | 9.5 | * | 67 | 10.7 | 51.0 |
| 6 | Neonatal hemorrhage | 13 | 6.5 | * | 25 | 4.0 | 19.0 |
| 7 | Newborn affected by complications of placenta, cord and membranes | 8 | 4.0 | * | 43 | 6.9 | 32.7 |
| 8 | Respiratory distress of newborn | 6 | 3.0 | * | 12 | 1.9 | * |
| 9 | Newborn affected by maternal hypertensive disorders | 5 | 2.5 | * | 7 | 1.1 | * |
| 10 | Diseases of the circulatory system | 4 | 2.0 | * | 17 | 2.7 | * |
| | <i>Causes of fewer than 4 deaths are not listed</i> | | | | | | |
| | All other causes | 19 | 9.4 | * | 76 | 12.1 | |
| | TOTAL DEATHS | 201 | 100.0 | 494.2 | 628 | 100.0 | 478.2 |

Table 2. Ages 1-4 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|--|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Accidents (unintentional injuries) | 9 | 27.3 | * | 30 | 32.6 | 6.2 |
| 2 | other cause (not rankable) | 8 | 24.2 | * | 23 | 25.0 | 4.8 |
| 3 | Malignant neoplasms (all cancers) | 6 | 18.2 | * | 11 | 12.0 | * |
| 4 | Congenital malformations, deformations and chromosomal abnormalities | 6 | 18.2 | * | 13 | 14.1 | * |
| | <i>Causes of fewer than 4 deaths are not listed</i> | | | | | | |
| | All other causes | 4 | 12.1 | | 15 | 16.3 | |
| | TOTAL DEATHS | 33 | 100.0 | 20.3 | 92 | 100.0 | 19.0 |

Table 3. Ages 5-14 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|---|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Malignant neoplasms (all cancers) | 17 | 37.8 | * | 48 | 35.0 | 4.1 |
| 2 | Accidents (unintentional injuries) | 7 | 15.6 | * | 27 | 19.7 | 2.3 |
| | <i>Causes of fewer than 4 deaths are not listed</i> | | | | | | |
| | All other causes | 21 | 46.7 | | 62 | 45.3 | |
| | TOTAL DEATHS | 45 | 100.0 | 11.5 | 137 | 100.0 | 11.7 |

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The categories used for infant (age<1 year) deaths are different than those used for all other age groups.

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

^c All rates are per 100,000 population.

* Rate not calculated for fewer than 20 deaths in this category.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files; SANDAG January 1 population estimates (2001-2010 estimates released July 2012)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunization Services Branch, 6/20/2012

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Table 4. Ages 15-24 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|---|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Accidents (unintentional injuries) | 90 | 38.5 | 18.2 | 290 | 42.2 | 19.6 |
| 2 | Intentional self-harm (suicide) | 39 | 16.7 | 7.9 | 104 | 15.1 | 7.0 |
| 3 | Assault (homicide) | 24 | 10.3 | 4.8 | 87 | 12.6 | 5.9 |
| 4 | Malignant neoplasms (all cancers) | 17 | 7.3 | * | 49 | 7.1 | 3.3 |
| 5 | Diseases of heart | 7 | 3.0 | * | 17 | 2.5 | * |
| 6 | Influenza and pneumonia | 4 | 1.7 | * | 9 | 1.3 | * |
| | <i>Causes of fewer than 4 deaths are not listed</i> | | | | | | |
| | All other causes | 53 | 22.6 | | 132 | 19.2 | |
| | TOTAL DEATHS | 234 | 100.0 | 47.2 | 688 | 100.0 | 46.6 |

Table 5. Ages 25-34 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|---|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Accidents (unintentional injuries) | 89 | 33.7 | 18.9 | 287 | 33.2 | 20.8 |
| 2 | Intentional self-harm (suicide) | 40 | 15.2 | 8.5 | 137 | 15.8 | 9.9 |
| 3 | Malignant neoplasms (all cancers) | 32 | 12.1 | 6.8 | 105 | 12.1 | 7.6 |
| 4 | Diseases of heart | 16 | 6.1 | * | 39 | 4.5 | 2.8 |
| 5 | Assault (homicide) | 14 | 5.3 | * | 57 | 6.6 | 4.1 |
| 6 | Chronic liver disease and cirrhosis | 8 | 3.0 | * | 16 | 1.8 | * |
| 7 | Human immunodeficiency virus (HIV) disease | 5 | 1.9 | * | 13 | 1.5 | * |
| | <i>Causes of fewer than 4 deaths are not listed</i> | | | | | | |
| | All other causes | 60 | 23 | | 211 | 24.4 | |
| | TOTAL DEATHS | 264 | 100.0 | 56.1 | 865 | 100.0 | 62.7 |

Table 6. Ages 35-44 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|--|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Malignant neoplasms (all cancers) | 114 | 23.4 | 27.1 | 348 | 22.1 | 27.4 |
| 2 | Accidents (unintentional injuries) | 103 | 21.1 | 24.5 | 343 | 21.8 | 27.0 |
| 3 | Diseases of heart | 51 | 10.5 | 12.1 | 159 | 10.1 | 12.5 |
| 4 | Intentional self-harm (suicide) | 42 | 8.6 | 10.0 | 167 | 10.6 | 13.2 |
| 5 | Chronic liver disease and cirrhosis | 27 | 5.5 | 6.4 | 84 | 5.3 | 6.6 |
| 6 | Human immunodeficiency virus (HIV) disease | 19 | 3.9 | * | 53 | 3.4 | 4.2 |
| 7 | Cerebrovascular diseases | 17 | 3.5 | * | 51 | 3.2 | 4.0 |
| 8 | Diabetes mellitus | 11 | 2.3 | * | 27 | 1.7 | 2.1 |
| 9 | Assault (homicide) | 8 | 1.6 | * | 29 | 1.8 | 2.3 |
| 10 | Viral hepatitis | 6 | 1.2 | * | 15 | 1.0 | * |
| | All other causes | 89 | 18 | | 296 | 18.8 | |
| | TOTAL DEATHS | 487 | 100.0 | 115.8 | 1,572 | 100.0 | 123.8 |

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.

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

^c All rates are per 100,000 population.

* Rate not calculated for fewer than 20 deaths in this category.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files; SANDAG January 1 population estimates (2001-2010 estimates released July 2012)

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Table 7. Ages 45-54 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|--|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Malignant neoplasms (all cancers) | 377 | 29.4 | 87.5 | 1,186 | 28.7 | 92.9 |
| 2 | Diseases of heart | 196 | 15.3 | 45.5 | 648 | 15.7 | 50.8 |
| 3 | Accidents (unintentional injuries) | 160 | 12.5 | 37.1 | 525 | 12.7 | 41.1 |
| 4 | Chronic liver disease and cirrhosis | 95 | 7.4 | 22.1 | 285 | 6.9 | 22.3 |
| 5 | Intentional self-harm (suicide) | 83 | 6.5 | 19.3 | 256 | 6.2 | 20.1 |
| 6 | Cerebrovascular diseases | 52 | 4.0 | 12.1 | 168 | 4.1 | 13.2 |
| 7 | Diabetes mellitus | 36 | 2.8 | 8.4 | 109 | 2.6 | 8.5 |
| 8 | Viral hepatitis | 28 | 2.2 | 6.5 | 112 | 2.7 | 8.8 |
| 9 | Chronic lower respiratory diseases | 21 | 1.6 | 4.9 | 77 | 1.9 | 6.0 |
| 10 | Human immunodeficiency virus (HIV) disease | 18 | 1.4 | * | 65 | 1.6 | 5.1 |
| | All other causes | 218 | 17.0 | | 708 | 17.1 | |
| | TOTAL DEATHS | 1,284 | 100.0 | 298.1 | 4,139 | 100.0 | 324.3 |

Table 8. Ages 55-64 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|--------------------------------------|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Malignant neoplasms (all cancers) | 839 | 37.5 | 254.5 | 2,473 | 36.9 | 257.1 |
| 2 | Diseases of heart | 437 | 19.5 | 132.6 | 1,309 | 19.5 | 136.1 |
| 3 | Accidents (unintentional injuries) | 136 | 6.1 | 41.3 | 395 | 5.9 | 41.1 |
| 4 | Diabetes mellitus | 100 | 4.5 | 30.3 | 296 | 4.4 | 30.8 |
| 5 | Chronic liver disease and cirrhosis | 92 | 4.1 | 27.9 | 275 | 4.1 | 28.6 |
| 6 | Chronic lower respiratory diseases | 81 | 3.6 | 24.6 | 255 | 3.8 | 26.5 |
| 7 | Intentional self-harm (suicide) | 81 | 3.6 | 24.6 | 222 | 3.3 | 23.1 |
| 8 | Cerebrovascular diseases | 77 | 3.4 | 23.4 | 239 | 3.6 | 24.8 |
| 9 | Viral hepatitis | 59 | 2.6 | 17.9 | 131 | 2.0 | 13.6 |
| 10 | Essential (primary) hypertension and | 22 | 1.0 | 6.7 | 57 | 0.9 | 5.9 |
| | All other causes | 313 | 14.0 | | 1,049 | 15.7 | |
| | TOTAL DEATHS | 2,237 | 100.0 | 678.7 | 6,701 | 100.0 | 696.7 |

Table 9. Ages 65-74 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|--------------------------------------|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Malignant neoplasms (all cancers) | 1,076 | 39.7 | 595.9 | 3,189 | 38.7 | 605.1 |
| 2 | Diseases of heart | 551 | 20.3 | 305.2 | 1,735 | 21.1 | 329.2 |
| 3 | Chronic lower respiratory diseases | 185 | 6.8 | 102.5 | 537 | 6.5 | 101.9 |
| 4 | Diabetes mellitus | 119 | 4.4 | 65.9 | 363 | 4.4 | 68.9 |
| 5 | Cerebrovascular diseases | 113 | 4.2 | 62.6 | 378 | 4.6 | 71.7 |
| 6 | Accidents (unintentional injuries) | 71 | 2.6 | 39.3 | 202 | 2.5 | 38.3 |
| 7 | Alzheimer's disease | 49 | 1.8 | 27.1 | 145 | 1.8 | 27.5 |
| 8 | Chronic liver disease and cirrhosis | 44 | 1.6 | 24.4 | 151 | 1.8 | 28.7 |
| 9 | Influenza and pneumonia | 36 | 1.3 | 19.9 | 89 | 1.1 | 16.9 |
| 10 | Essential (primary) hypertension and | 30 | 1.1 | 16.6 | 76 | 0.9 | 14.4 |
| | All other causes | 438 | 16.2 | | 1,365 | 16.6 | |
| | TOTAL DEATHS | 2,712 | 100.0 | 1,502.0 | 8,230 | 100.0 | 1,561.6 |

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^c All rates are per 100,000 population.

* Rate not calculated for fewer than 20 deaths in this category.

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Table 10. Ages 75-84 years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|---|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Malignant neoplasms (all cancers) | 1,370 | 28.1 | 1,171.8 | 4,092 | 27.7 | 1174.4 |
| 2 | Diseases of heart | 1,157 | 23.7 | 989.6 | 3,616 | 24.5 | 1037.8 |
| 3 | Chronic lower respiratory diseases | 387 | 7.9 | 331.0 | 1,091 | 7.4 | 313.1 |
| 4 | Cerebrovascular diseases | 298 | 6.1 | 254.9 | 927 | 6.3 | 266.0 |
| 5 | Alzheimer's disease | 258 | 5.3 | 220.7 | 867 | 5.9 | 248.8 |
| 6 | Diabetes mellitus | 161 | 3.3 | 137.7 | 474 | 3.2 | 136.0 |
| 7 | Accidents (unintentional injuries) | 97 | 2.0 | 83.0 | 267 | 1.8 | 76.6 |
| 8 | Parkinson's disease | 88 | 1.8 | 75.3 | 249 | 1.7 | 71.5 |
| 9 | Essential (primary) hypertension and hypertensive renal disease | 74 | 1.5 | 63.3 | 212 | 1.4 | 60.8 |
| 10 | Influenza and pneumonia | 67 | 1.4 | 57.3 | 234 | 1.6 | 67.2 |
| | All other causes | 918 | 18.8 | | 2,733 | 18.5 | |
| | TOTAL DEATHS | 4,875 | 100.0 | 4,169.8 | 14,762 | 100.0 | 4,236.7 |

Table 11. Ages 85+ years

| Rank ^a in 2010 | Cause of Death ^b | 2010 | | | 2008-2010 | | |
|---------------------------|---|------------------|--------------|--------------------------------|------------------|--------------|--------------------------------|
| | | Number of Deaths | % | Age-Specific Rate ^c | Number of Deaths | % | Age-Specific Rate ^c |
| 1 | Diseases of heart | 2,142 | 30.9 | 3,969.6 | 6,471 | 32.4 | 3896.4 |
| 2 | Malignant neoplasms (all cancers) | 1,000 | 14.4 | 1,853.2 | 2,794 | 14.0 | 1682.4 |
| 3 | Alzheimer's disease | 876 | 12.6 | 1,623.4 | 2,408 | 12.1 | 1449.9 |
| 4 | Cerebrovascular diseases | 471 | 6.8 | 872.9 | 1,440 | 7.2 | 867.1 |
| 5 | Chronic lower respiratory diseases | 379 | 5.5 | 702.4 | 1,064 | 5.3 | 640.7 |
| 6 | Accidents (unintentional injuries) | 160 | 2.3 | 296.5 | 429 | 2.1 | 258.3 |
| 7 | Influenza and pneumonia | 153 | 2.2 | 283.5 | 483 | 2.4 | 290.8 |
| 8 | Diabetes mellitus | 147 | 2.1 | 272.4 | 417 | 2.1 | 251.1 |
| 9 | Essential (primary) hypertension and hypertensive renal disease | 146 | 2.1 | 270.6 | 458 | 2.3 | 275.8 |
| 10 | Parkinson's disease | 99 | 1.4 | 183.5 | 274 | 1.4 | 165.0 |
| | All other causes | 1,366 | 19.7 | | 3,739 | 18.7 | |
| | TOTAL DEATHS | 6,939 | 100.0 | 12,859.5 | 19,977 | 100.0 | 12,028.8 |

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.

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