

**TABLE 2B-6
DEATHS AND DEATH RATES BY GENDER FOR SELECTED CAUSES,
ARIZONA RESIDENTS, 2022**

| Cause of death (Tenth Revision, International Statistical Classification of Diseases) | Number of deaths | | | Crude death rate per 100,000 persons | | |
|---|------------------|--------|--------|--------------------------------------|--------|--------|
| | Total | Male | Female | Total | Male | Female |
| Total, all causes^a | 73,861 | 40,397 | 33,462 | 996.9 | 1098.1 | 897.0 |
| Salmonella infections | 0† | * | * | ** | ** | ** |
| Shigellosis and amebiasis | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Certain other intestinal infections | 241 | 104 | 137 | 3.3 | 2.8 | 3.7 |
| Enterocolitis due to Clostridium difficile | 145 | 68 | 77 | 2.0 | 1.8 | 2.1 |
| Tuberculosis | 10† | 7 | * | 0.1 | 0.2 | ** |
| Respiratory tuberculosis | 10† | * | * | 0.1 | ** | ** |
| Other tuberculosis | 0† | * | * | ** | ** | ** |
| Whooping cough | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Scarlet fever and erysipelas | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Meningococcal infection | 0† | * | * | ** | ** | ** |
| Septicemia | 518 | 264 | 254 | 7.0 | 7.2 | 6.8 |
| Syphilis | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Acute poliomyelitis | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Arthropod-borne encephalitis | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Measles | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Viral hepatitis | 77 | 58 | 19 | 1.0 | 1.6 | 0.5 |
| Human immunodeficiency virus (HIV) disease | 103 | 85 | 18 | 1.4 | 2.3 | 0.5 |
| Malaria | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Other and unspecified infectious and parasitic diseases | 421 | 235 | 186 | 5.7 | 6.4 | 5.0 |
| Malignant neoplasms | 13,135 | 6,967 | 6,168 | 177.3 | 189.4 | 165.4 |
| Malignant neoplasm of lip, oral cavity and pharynx | 244 | 167 | 77 | 3.3 | 4.5 | 2.1 |
| Malignant neoplasm of esophagus | 338 | 269 | 69 | 4.6 | 7.3 | 1.8 |
| Malignant neoplasm of stomach | 226 | 130 | 96 | 3.1 | 3.5 | 2.6 |
| Malignant neoplasm of colon, rectum, and anus | 1,210 | 682 | 528 | 16.3 | 18.5 | 14.2 |
| Malignant neoplasm of liver and intrahepatic bile ducts | 659 | 405 | 254 | 8.9 | 11.0 | 6.8 |
| Malignant neoplasm of pancreas | 1,060 | 570 | 490 | 14.3 | 15.5 | 13.1 |
| Malignant neoplasm of larynx | 70† | 60 | * | 0.9 | 1.6 | ** |
| Malignant neoplasm of trachea, bronchus and lung | 2,483 | 1,286 | 1,197 | 33.5 | 35.0 | 32.1 |
| Malignant melanoma of skin | 218 | 139 | 79 | 2.9 | 3.8 | 2.1 |
| Malignant neoplasm of breast | 974 | 9 | 965 | 13.1 | 0.2 | 25.9 |
| Malignant neoplasm of cervix uteri | 93 | 0 | 93 | 1.3 | 0.0 | 2.5 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | 268 | 0 | 268 | 3.6 | 0.0 | 7.2 |
| Malignant neoplasm of ovary | 338 | 0 | 338 | 4.6 | 0.0 | 9.1 |
| Malignant neoplasm of prostate | 755 | 755 | 0 | 10.2 | 20.5 | 0.0 |
| Malignant neoplasm of kidney and renal pelvis | 322 | 210 | 112 | 4.3 | 5.7 | 3.0 |
| Malignant neoplasm of bladder | 387 | 284 | 103 | 5.2 | 7.7 | 2.8 |
| Malignant neoplasm of meninges, brain and other parts of central nervous system | 389 | 219 | 170 | 5.3 | 6.0 | 4.6 |
| Malignant neoplasm of lymphoid, hematopoietic and related tissue | 1,300 | 784 | 516 | 17.5 | 21.3 | 13.8 |
| Hodgkin's disease | 27 | 17 | 10 | 0.4 | 0.5 | 0.3 |
| Non-Hodgkin's lymphoma | 475 | 281 | 194 | 6.4 | 7.6 | 5.2 |
| Leukemia | 519 | 302 | 217 | 7.0 | 8.2 | 5.8 |
| Multiple myeloma and immunoproliferative neoplasms | 274 | 180 | 94 | 3.7 | 4.9 | 2.5 |
| Other and unspecified malignant neoplasms of lymphoid tissue | 10† | * | * | ** | ** | ** |
| All other and unspecified malignant neoplasm | 1,806 | 998 | 808 | 24.4 | 27.1 | 21.7 |
| In situ neoplasms | 364 | 209 | 155 | 4.9 | 5.7 | 4.2 |
| Anemias | 81 | 33 | 48 | 1.1 | 0.9 | 1.3 |
| Diabetes | 2,418 | 1,440 | 978 | 32.6 | 39.1 | 26.2 |

TABLE 2B-6 (continued)
DEATHS AND DEATH RATES BY GENDER FOR SELECTED CAUSES,
ARIZONA RESIDENTS, 2022

| Cause of death (Tenth Revision, International Statistical Classification of Diseases) | Number of deaths | | | Crude death rate per 100,000 persons | | |
|---|------------------|--------|--------|--------------------------------------|-------|--------|
| | Total | Male | Female | Total | Male | Female |
| Nutritional deficiencies | 852 | 343 | 509 | 11.5 | 9.3 | 13.6 |
| Malnutrition | 813 | 327 | 486 | 11.0 | 8.9 | 13.0 |
| Other nutritional deficiencies | 39 | 16 | 23 | 0.5 | 0.4 | 0.6 |
| Obesity | 248 | 138 | 110 | 3.3 | 3.8 | 2.9 |
| Meningitis | 19 | 11 | 8 | 0.3 | 0.3 | 0.2 |
| Parkinson's disease | 1,005 | 636 | 369 | 13.6 | 17.3 | 9.9 |
| Alzheimer's disease | 2,818 | 950 | 1,868 | 38.0 | 25.8 | 50.1 |
| Major cardiovascular diseases | 19,576 | 10,731 | 8,845 | 264.2 | 291.7 | 237.1 |
| Diseases of heart | 14,530 | 8,350 | 6,180 | 196.1 | 227.0 | 165.7 |
| Acute rheumatic fever and chronic rheumatic heart disease | 100 | 35 | 65 | 1.3 | 1.0 | 1.7 |
| Hypertensive heart disease | 2,029 | 1,019 | 1,010 | 27.4 | 27.7 | 27.1 |
| Hypertensive heart and renal disease | 257 | 115 | 142 | 3.5 | 3.1 | 3.8 |
| Ischemic heart disease | 8,227 | 5,148 | 3,079 | 111.0 | 139.9 | 82.5 |
| Acute myocardial infarction | 1,786 | 1,083 | 703 | 24.1 | 29.4 | 18.8 |
| Other acute ischemic heart disease | 71 | 46 | 25 | 1.0 | 1.3 | 0.7 |
| Other forms of chronic ischemic heart disease | 6,370 | 4,019 | 2,351 | 86.0 | 109.2 | 63.0 |
| Atherosclerotic cardiovascular disease | 1,803 | 1,275 | 528 | 24.3 | 34.7 | 14.2 |
| All other forms of chronic ischemic heart disease | 4,567 | 2,744 | 1,823 | 61.6 | 74.6 | 48.9 |
| Other heart diseases | 3,917 | 2,033 | 1,884 | 52.9 | 55.3 | 50.5 |
| Acute and subacute endocarditis | 42 | 31 | 11 | 0.6 | 0.8 | 0.3 |
| Diseases of pericardium and acute myocarditis | 26 | 14 | 12 | 0.4 | 0.4 | 0.3 |
| Heart failure | 1,103 | 590 | 513 | 14.9 | 16.0 | 13.8 |
| All other forms of heart disease | 2,746 | 1,398 | 1,348 | 37.1 | 38.0 | 36.1 |
| Essential (primary) hypertension and hypertensive renal disease | 1,105 | 550 | 555 | 14.9 | 14.9 | 14.9 |
| Cerebrovascular diseases | 3,377 | 1,506 | 1,871 | 45.6 | 40.9 | 50.2 |
| Atherosclerosis | 117 | 70 | 47 | 1.6 | 1.9 | 1.3 |
| Other diseases of circulatory system | 446 | 255 | 191 | 6.0 | 6.9 | 5.1 |
| Aortic aneurysm and dissection | 226 | 144 | 82 | 3.1 | 3.9 | 2.2 |
| Other disease of arteries, arterioles and capillaries | 220 | 111 | 109 | 3.0 | 3.0 | 2.9 |
| Other disorders of circulatory system | 138 | 71 | 67 | 1.9 | 1.9 | 1.8 |
| Influenza and pneumonia | 959 | 517 | 442 | 12.9 | 14.1 | 11.8 |
| Influenza | 95 | 43 | 52 | 1.3 | 1.2 | 1.4 |
| Pneumonia | 864 | 474 | 390 | 11.7 | 12.9 | 10.5 |
| COVID-19 | 4,599 | 2,692 | 1,907 | 62.1 | 73.2 | 51.1 |
| Other acute lower respiratory infections | 10† | * | 6 | 0.1 | ** | 0.2 |
| Acute bronchiolitis | 10† | * | * | ** | ** | ** |
| Unspecified acute lower respiratory infection | 0† | * | * | ** | ** | ** |
| Chronic lower respiratory diseases | 3,571 | 1,678 | 1,893 | 48.2 | 45.6 | 50.7 |
| Bronchitis, chronic and unspecified | 10† | * | 9 | 0.1 | ** | 0.2 |
| Emphysema | 211 | 123 | 88 | 2.8 | 3.3 | 2.4 |
| Asthma | 95 | 32 | 63 | 1.3 | 0.9 | 1.7 |
| Other chronic lower respiratory diseases | 3,255 | 1,522 | 1,733 | 43.9 | 41.4 | 46.5 |
| Pneumoconioses and chemical effects | 10† | * | * | 0.1 | ** | ** |
| Pneumonitis due to solids and liquids | 253 | 146 | 107 | 3.4 | 4.0 | 2.9 |
| Other disease of respiratory system | 1,076 | 579 | 497 | 14.5 | 15.7 | 13.3 |
| Peptic ulcer | 113 | 70 | 43 | 1.5 | 1.9 | 1.2 |
| Diseases of appendix | 10† | * | 10 | 0.1 | ** | 0.3 |
| Hernia | 49 | 23 | 26 | 0.7 | 0.6 | 0.7 |

TABLE 2B-6 (continued)
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ARIZONA RESIDENTS, 2022

| Cause of death (Tenth Revision, International Statistical Classification of Diseases) | Number of deaths | | | Crude death rate per 100,000 persons | | |
|---|------------------|-------|--------|--------------------------------------|-------|--------|
| | Total | Male | Female | Total | Male | Female |
| Chronic liver disease and cirrhosis | 1,484 | 901 | 583 | 20.0 | 24.5 | 15.6 |
| Alcoholic liver disease | 862 | 541 | 321 | 11.6 | 14.7 | 8.6 |
| Other chronic liver disease and cirrhosis | 622 | 360 | 262 | 8.4 | 9.8 | 7.0 |
| Cholelithiasis and other disorders of gallbladder | 91 | 56 | 35 | 1.2 | 1.5 | 0.9 |
| Nephritis, nephrotic syndrome and nephrosis | 832 | 446 | 386 | 11.2 | 12.1 | 10.3 |
| Acute and rapidly progressive nephritic and nephrotic syndrome | 10† | * | 7 | 0.2 | ** | 0.2 |
| Chronic glomerulonephritis | 10† | 9 | * | 0.2 | 0.2 | ** |
| Renal failure | 805 | 432 | 373 | 10.9 | 11.7 | 10.0 |
| Others disorders of kidney | 0† | 0 | * | ** | 0.0 | ** |
| Infections of kidney | 40 | 11 | 29 | 0.5 | 0.3 | 0.8 |
| Hyperplasia of prostate | 16 | 16 | 0 | 0.2 | 0.4 | 0.0 |
| Inflammatory diseases of female pelvic organs | 0† | 0 | * | ** | 0.0 | ** |
| Pregnancy, childbirth and the puerperium | 26 | 0 | 26 | 0.4 | 0.0 | 0.7 |
| Pregnancy with abortive outcome | 0† | 0 | * | ** | 0.0 | ** |
| Other complications of pregnancy, childbirth and the puerperium | 25 | 0 | 25 | 0.3 | 0.0 | 0.7 |
| Perinatal conditions | 233 | 139 | 92 | 3.1 | 3.8 | 2.5 |
| Congenital malformations | 253 | 141 | 112 | 3.4 | 3.8 | 3.0 |
| Symptoms, signs, abnormal findings ^a | 744 | 404 | 340 | 10.1 | 11.0 | 9.1 |
| Total accidents | 5,868 | 4,072 | 1,796 | 79.2 | 110.7 | 48.1 |
| Transport accidents | 1,446 | 1,042 | 404 | 19.5 | 28.3 | 10.8 |
| Motor vehicle accidents | 1,344 | 964 | 380 | 18.1 | 26.2 | 10.2 |
| Other land transport accidents | 39 | 28 | 11 | 0.5 | 0.8 | 0.3 |
| Water, air, space | 63 | 50 | 13 | 0.9 | 1.4 | 0.3 |
| Nontransport accidents | 4,422 | 3,030 | 1,392 | 59.7 | 82.4 | 37.3 |
| Falls | 1,172 | 587 | 585 | 15.8 | 16.0 | 15.7 |
| Accidental discharge of firearms | 10† | 12 | * | 0.2 | 0.3 | ** |
| Accidental drowning and submersion | 126 | 92 | 34 | 1.7 | 2.5 | 0.9 |
| Accidental exposure to smoke, fire and flames | 41 | 23 | 18 | 0.6 | 0.6 | 0.5 |
| Accidental poisoning | 2,534 | 1,946 | 588 | 34.2 | 52.9 | 15.8 |
| Other and unspecified non-transport accidents | 536 | 370 | 166 | 7.2 | 10.1 | 4.5 |
| Intentional self-harm (suicide) | 1,594 | 1,295 | 299 | 21.5 | 35.2 | 8.0 |
| By discharge of firearms | 977 | 859 | 118 | 13.2 | 23.3 | 3.2 |
| By other means | 617 | 436 | 181 | 8.3 | 11.9 | 4.9 |
| Assault (homicide) | 625 | 498 | 127 | 8.4 | 13.5 | 3.4 |
| By discharge of firearms | 487 | 400 | 87 | 6.6 | 10.9 | 2.3 |
| By other means | 138 | 98 | 40 | 1.9 | 2.7 | 1.1 |
| Legal intervention | 40† | 36 | * | 0.5 | 1.0 | ** |
| Events of undetermined intent | 160 | 103 | 57 | 2.2 | 2.8 | 1.5 |
| Discharge of firearms | 20† | 13 | * | 0.2 | 0.4 | ** |
| Other and unspecified events of undetermined intent | 144 | 90 | 54 | 1.9 | 2.4 | 1.4 |
| Operations of war | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Complications of medical and surgical care | 81 | 43 | 38 | 1.1 | 1.2 | 1.0 |
| Injury by firearms | 1,527 | 1,317 | 210 | 20.6 | 35.8 | 5.6 |
| Drug-induced deaths | 2,769 | 2,058 | 711 | 37.4 | 55.9 | 19.1 |
| Opioid-induced deaths | 1,927 | 1,461 | 466 | 26.0 | 39.7 | 12.5 |
| Alcohol-induced deaths | 1,614 | 1,115 | 499 | 21.8 | 30.3 | 13.4 |

Notes: * Cell suppressed due to count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to addend less than 6; ^a Includes records with unknown gender; The list of Causes of Death was developed for the general analysis of ICD-10 mortality statistics and for ranking of leading causes of death. It is similar in structure and content and replaces the list of 72 Selected Causes of Death used for ICD-9 mortality statistics.