

**TABLE 2B-6  
DEATHS AND DEATH RATES BY GENDER FOR SELECTED CAUSES,  
ARIZONA RESIDENTS, 2018**

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
<b>Total, all causes<sup>a</sup></b>	59,206	32,067	27,136	836.7	911.3	762.8
Salmonella infections	0†	*	0	**	**	0.0
Shigellosis and amebiasis	0	0	0	0.0	0.0	0.0
Certain other intestinal infections	184	76	108	2.6	2.2	3.0
Enterocolitis due to Clostridium difficile	119	47	72	1.7	1.3	2.0
Tuberculosis	10†	*	*	0.1	**	**
Respiratory tuberculosis	0†	0	*	**	0.0	**
Other tuberculosis	10†	*	*	0.1	**	**
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	0	0	0.0	0.0	0.0
Septicemia	382	199	183	5.4	5.7	5.1
Syphilis	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	141	100	41	2.0	2.8	1.2
Human immunodeficiency virus (HIV) disease	79	66	13	1.1	1.9	0.4
Malaria	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases	262	152	110	3.7	4.3	3.1
Malignant neoplasms	12,097	6,675	5,422	171.0	189.7	152.4
Malignant neoplasm of lip, oral cavity and pharynx	165	127	38	2.3	3.6	1.1
Malignant neoplasm of esophagus	332	271	61	4.7	7.7	1.7
Malignant neoplasm of stomach	236	134	102	3.3	3.8	2.9
Malignant neoplasm of colon, rectum, and anus	1,126	641	485	15.9	18.2	13.6
Malignant neoplasm of liver and intrahepatic bile ducts	559	378	181	7.9	10.7	5.1
Malignant neoplasm of pancreas	952	513	439	13.5	14.6	12.3
Malignant neoplasm of larynx	64	48	16	0.9	1.4	0.4
Malignant neoplasm of trachea, bronchus and lung	2,640	1,436	1,204	37.3	40.8	33.8
Malignant melanoma of skin	209	150	59	3.0	4.3	1.7
Malignant neoplasm of breast	815	10	805	11.5	0.3	22.6
Malignant neoplasm of cervix uteri	78	0	78	1.1	0.0	2.2
Malignant neoplasm of corpus uteri and uterus, part unspecified	180	0	180	2.5	0.0	5.1
Malignant neoplasm of ovary	291	0	291	4.1	0.0	8.2
Malignant neoplasm of prostate	695	695	0	9.8	19.8	0.0
Malignant neoplasm of kidney and renal pelvis	351	250	101	5.0	7.1	2.8
Malignant neoplasm of bladder	358	276	82	5.1	7.8	2.3
Malignant neoplasm of meninges, brain and other parts of central nervous system	366	206	160	5.2	5.9	4.5
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1,198	719	479	16.9	20.4	13.5
Hodgkin's disease	22	12	10	0.3	0.3	0.3
Non-Hodgkin's lymphoma	398	235	163	5.6	6.7	4.6
Leukemia	476	288	188	6.7	8.2	5.3
Multiple myeloma and immunoproliferative neoplasms	297	181	116	4.2	5.1	3.3
Other and unspecified malignant neoplasms of lymphoid tissue	10†	*	*	**	**	**
All other and unspecified malignant neoplasm	1,482	821	661	20.9	23.3	18.6
In situ neoplasms	401	221	180	5.7	6.3	5.1
Anemias	69	34	35	1.0	1.0	1.0
Diabetes	2,041	1,227	814	28.8	34.9	22.9

**TABLE 2B-6 (continued)**  
**DEATHS AND DEATH RATES BY GENDER FOR SELECTED CAUSES,**  
**ARIZONA RESIDENTS, 2018**

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	351	159	192	5.0	4.5	5.4
Malnutrition	331	151	180	4.7	4.3	5.1
Other nutritional deficiencies	20	8	12	0.3	0.2	0.3
Obesity	206	125	81	2.9	3.6	2.3
Meningitis	10†	*	*	0.1	**	**
Parkinson's disease	790	531	259	11.2	15.1	7.3
Alzheimer's disease	3,011	1,010	2,001	42.6	28.7	56.2
Major cardiovascular diseases	16,645	8,986	7,659	235.2	255.4	215.3
Diseases of heart	12,410	7,030	5,380	175.4	199.8	151.2
Acute rheumatic fever and chronic rheumatic heart disease	98	41	57	1.4	1.2	1.6
Hypertensive heart disease	1,400	711	689	19.8	20.2	19.4
Hypertensive heart and renal disease	153	81	72	2.2	2.3	2.0
Ischemic heart disease	7,540	4,670	2,870	106.6	132.7	80.7
Acute myocardial infarction	1,562	930	632	22.1	26.4	17.8
Other acute ischemic heart disease	38	23	15	0.5	0.7	0.4
Other forms of chronic ischemic heart disease	5,940	3,717	2,223	83.9	105.6	62.5
Atherosclerotic cardiovascular disease	1,716	1,134	582	24.3	32.2	16.4
All other forms of chronic ischemic heart disease	4,224	2,583	1,641	59.7	73.4	46.1
Other heart diseases	3,219	1,527	1,692	45.5	43.4	47.6
Acute and subacute endocarditis	29	14	15	0.4	0.4	0.4
Diseases of pericardium and acute myocarditis	19	11	8	0.3	0.3	0.2
Heart failure	777	390	387	11.0	11.1	10.9
All other forms of heart disease	2,394	1,112	1,282	33.8	31.6	36.0
Essential (primary) hypertension and hypertensive renal disease	928	426	502	13.1	12.1	14.1
Cerebrovascular diseases	2,829	1,258	1,571	40.0	35.8	44.2
Atherosclerosis	110	52	58	1.6	1.5	1.6
Other diseases of circulatory system	368	220	148	5.2	6.3	4.2
Aortic aneurysm and dissection	193	128	65	2.7	3.6	1.8
Other disease of arteries, arterioles and capillaries	175	92	83	2.5	2.6	2.3
Other disorders of circulatory system	114	63	51	1.6	1.8	1.4
Influenza and pneumonia	1,113	591	522	15.7	16.8	14.7
Influenza	213	95	118	3.0	2.7	3.3
Pneumonia	900	496	404	12.7	14.1	11.4
Other acute lower respiratory infections	10†	*	6	0.2	**	0.2
Acute bronchiolitis	10†	*	6	0.1	**	0.2
Unspecified acute lower respiratory infection	0†	*	0	**	**	0.0
Chronic lower respiratory diseases	3,820	1,834	1,986	54.0	52.1	55.8
Bronchitis, chronic and unspecified	10†	*	*	0.1	**	**
Emphysema	187	99	88	2.6	2.8	2.5
Asthma	91	40	51	1.3	1.1	1.4
Other chronic lower respiratory diseases	3,534	1,691	1,843	49.9	48.1	51.8
Pneumoconioses and chemical effects	10†	9	*	0.2	0.3	**
Pneumonitis due to solids and liquids	235	145	90	3.3	4.1	2.5
Other disease of respiratory system	910	498	412	12.9	14.2	11.6
Peptic ulcer	71	38	33	1.0	1.1	0.9
Diseases of appendix	10†	*	*	0.1	**	**
Hernia	37	12	25	0.5	0.3	0.7

**TABLE 2B-6 (continued)**  
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	Total	Male	Female	Total	Male	Female
Chronic liver disease and cirrhosis	1,159	712	447	16.4	20.2	12.6
Alcoholic liver disease	724	478	246	10.2	13.6	6.9
Other chronic liver disease and cirrhosis	435	234	201	6.1	6.7	5.6
Cholelithiasis and other disorders of gallbladder	73	36	37	1.0	1.0	1.0
Nephritis, nephrotic syndrome and nephrosis	680	363	317	9.6	10.3	8.9
Acute and rapidly progressive nephritic and nephrotic syndrome	10†	*	*	0.1	**	**
Chronic glomerulonephritis	0†	*	*	**	**	**
Renal failure	670	357	313	9.5	10.1	8.8
Others disorders of kidney	0	0	0	0.0	0.0	0.0
Infections of kidney	20	9	11	0.3	0.3	0.3
Hyperplasia of prostate	9	9	0	0.1	0.3	0.0
Inflammatory diseases of female pelvic organs	0†	0	*	**	0.0	**
Pregnancy, childbirth and the puerperium	33	0	33	0.5	0.0	0.9
Pregnancy with abortive outcome	0	0	0	0.0	0.0	0.0
Other complications of pregnancy, childbirth and the puerperium	33	0	33	0.5	0.0	0.9
Perinatal conditions	220	130	90	3.1	3.7	2.5
Congenital malformations	232	126	106	3.3	3.6	3.0
Symptoms, signs, abnormal findings <sup>a</sup>	1,188	564	624	16.8	16.0	17.5
Total accidents	4,211	2,768	1,443	59.5	78.7	40.6
Transport accidents	1,105	789	316	15.6	22.4	8.9
Motor vehicle accidents	1,032	729	303	14.6	20.7	8.5
Other land transport accidents	30†	22	*	0.4	0.6	**
Water, air, space	47	38	9	0.7	1.1	0.3
Nontransport accidents	3,106	1,979	1,127	43.9	56.2	31.7
Falls	1,090	519	571	15.4	14.7	16.1
Accidental discharge of firearms	10†	9	*	0.1	0.3	**
Accidental drowning and submersion	92	67	25	1.3	1.9	0.7
Accidental exposure to smoke, fire and flames	23	14	9	0.3	0.4	0.3
Accidental poisoning	1,545	1,114	431	21.8	31.7	12.1
Other and unspecified non-transport accidents	346	256	90	4.9	7.3	2.5
Intentional self-harm (suicide)	1,432	1,146	286	20.2	32.6	8.0
By discharge of firearms	800	701	99	11.3	19.9	2.8
By other means	632	445	187	8.9	12.6	5.3
Assault (homicide)	416	336	80	5.9	9.5	2.2
By discharge of firearms	291	247	44	4.1	7.0	1.2
By other means	125	89	36	1.8	2.5	1.0
Legal intervention	20†	22	*	0.3	0.6	**
Events of undetermined intent	150	101	49	2.1	2.9	1.4
Discharge of firearms	20†	12	*	0.2	0.3	**
Other and unspecified events of undetermined intent	135	89	46	1.9	2.5	1.3
Operations of war	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care	114	62	52	1.6	1.8	1.5
Injury by firearms	1,140	991	149	16.1	28.2	4.2
Drug-induced deaths	1,766	1,199	567	25.0	34.1	15.9
Opioid-induced deaths	1,104	759	345	15.6	21.6	9.7
Alcohol-induced deaths	1,185	815	370	16.7	23.2	10.4

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; <sup>a</sup> 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.