

**TABLE 2B-4
NUMBER OF DEATHS AND AGE-ADJUSTED MORTALITY RATES^a FOR SELECTED CAUSES OF DEATH BY RACE/ETHNICITY AND
GENDER, ARIZONA, 2022**

	NUMBER OF DEATHS																	
	All groups			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total, all causes^b	73,861	40,397	33,462	54,464	29,362	25,102	11,225	6,396	4,829	2,991	1,714	1,277	3,530	2,050	1,480	1,234	603	631
Major cardiovascular diseases	19,576	10,731	8,845	15,358	8,369	6,989	2,460	1,371	1,089	806	460	346	506	297	209	329	159	170
Diseases of heart	14,530	8,350	6,180	11,587	6,595	4,992	1,686	994	692	558	339	219	375	239	136	224	117	107
Coronary heart disease	10,256	6,167	4,089	8,211	4,893	3,318	1,179	738	441	370	232	138	249	164	85	169	91	78
Malignant neoplasms	13,135	6,967	6,168	10,230	5,489	4,741	1,724	904	820	499	244	255	342	172	170	283	122	161
Malignant neoplasm of trachea, bronchus and lung	2,483	1,286	1,197	2,078	1,075	1,003	223	118	105	90	48	42	21	15	6	59	22	37
Malignant neoplasm of colon, rectum, and anus	1,210	682	528	891	495	396	177	112	65	56	26	30	51	32	19	30	14	16
Malignant neoplasm of breast	974	9	965	757	8	749	118	0	118	55	0	55	17	0	17	21	0	21
Malignant neoplasm of prostate	755	755	0	603	603	0	83	83	0	40	40	0	14	14	0	12	12	0
Malignant melanoma of skin	220†	140†	80†	202	129	73	10†	6	*	0†	*	*	0†	*	0	0	0	0
Malignant neoplasm of cervix uteri	93	0	90†	55	0	55	30	0	30	0†	0	*	0†	0	*	0†	0	*
Accidents (unintentional injury)	5,868	4,072	1,796	3,506	2,303	1,203	1,311	993	318	333	253	80	586	428	158	88	60	28
Accidental poisoning	2,530†	1,946	590†	1,329	973	356	687	563	124	187	153	34	287	220	67	30†	22	*
Motor vehicle accidents	1,344	964	380	683	498	185	369	259	110	80	57	23	178	123	55	27	21	6
Falls	1,170†	587	590†	967	469	498	122	69	53	10†	6	*	44	32	12	21	7	14
Accidental drowning and submersion	130†	90†	30†	81	59	22	20†	16	*	10†	8	*	10†	6	*	0†	*	*
COVID-19	4,599	2,692	1,907	3,113	1,825	1,288	939	570	369	159	91	68	288	147	141	80	48	32
Chronic lower respiratory diseases	3,571	1,678	1,893	3,190	1,472	1,718	204	117	87	97	46	51	33	18	15	27	12	15
Cerebrovascular diseases	3,377	1,506	1,871	2,547	1,138	1,409	520	246	274	144	59	85	85	33	52	73	28	45
Alzheimer's disease	2,818	950	1,868	2,318	800	1,518	341	100	241	77	28	49	38	13	25	39	7	32
Diabetes	2,418	1,440	978	1,402	862	540	604	351	253	126	77	49	224	114	110	53	30	23
Intentional self-harm (suicide)	1,594	1,295	299	1,124	920	204	271	222	49	57	47	10	106	79	27	28	21	7
Chronic liver disease and cirrhosis	1,480†	901	580†	792	501	291	351	217	134	26	16	10	291	150	141	20†	11	*
Essential (primary) hypertension and hypertensive renal disease	1,105	550	555	782	379	403	188	98	90	75	43	32	34	17	17	19	7	12
Parkinson's disease	1,010†	640†	369	864	555	309	90	55	35	19	11	8	19	10	9	10†	*	6
Influenza and pneumonia	960†	517	440†	663	354	309	162	81	81	28	16	12	82	49	33	20†	11	*
Nephritis, nephrotic syndrome and nephrosis	832	446	386	525	287	238	176	93	83	42	21	21	72	35	37	12	6	6
Assault (homicide)	630†	498	130†	180	134	46	230	184	46	106	88	18	98	82	16	10†	7	*
Septicemia	520†	260†	254	347	191	156	101	42	59	16	10	6	40	17	23	10†	*	6
Human immunodeficiency virus (HIV) disease	100†	90†	20†	50†	43	*	32	26	6	10†	9	*	10†	*	*	0†	*	0
Injury by firearms	1,530†	1,317	210†	899	777	122	370	313	57	126	114	12	109	94	15	20†	14	*
Drug-induced deaths	2,770†	2,058	710†	1,539	1,087	452	728	586	142	209	167	42	236	174	62	30†	27	*
Opioid-induced deaths	1,930†	1,461	470†	1,052	765	287	540	440	100	132	103	29	171	128	43	20†	17	*
Alcohol-induced deaths	1,610†	1,115	500†	866	584	282	296	225	71	28	20	8	398	266	132	10†	10	*

TABLE 2B-4 (continued)
NUMBER OF DEATHS AND AGE-ADJUSTED MORTALITY RATES^a FOR SELECTED CAUSES OF DEATH BY RACE/ETHNICITY AND GENDER, ARIZONA, 2022

	AGE-ADJUSTED MORTALITY RATES ^a																	
	All groups			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total, all causes^b	784.3	933.2	645.3	766.9	904.9	636.2	733.9	887.2	599.5	1010.8	1196.1	837.5	1378.6	1761.3	1054.1	474.3	543.4	418.0
Major cardiovascular disease	199.7	240.4	163.0	200.3	239.2	164.6	178.4	214.5	146.9	287.3	349.6	234.2	211.8	284.8	154.1	131.1	151.1	116.5
Diseases of heart	148.2	187.0	113.7	151.3	188.8	117.4	121.2	153.1	93.8	194.9	255.3	145.3	156.1	231.2	99.4	88.9	110.5	73.0
Coronary heart disease	103.9	137.1	74.8	106.5	138.9	77.3	84.8	114.9	59.8	131.5	177.9	93.4	104.0	162.5	61.8	67.4	86.7	53.3
Malignant neoplasms	133.1	151.9	117.5	136.5	154.8	120.8	113.8	133.8	98.6	166.1	176.9	158.7	139.3	166.6	120.0	102.7	106.1	100.1
Malignant neoplasm of trachea, bronchus and lung	24.3	27.2	21.9	26.5	29.1	24.2	15.6	18.5	13.3	30.3	34.4	26.3	8.9	16.7	3.9	21.5	19.6	23.0
Malignant neoplasm of colon, rectum, and anus	12.6	15.4	10.2	12.6	15.1	10.3	11.5	15.9	7.8	18.1	19.0	18.1	20.1	28.3	13.3	10.5	11.4	9.7
Malignant neoplasm of breast	10.1	0.2	18.8	10.6	0.2	19.8	7.3	0.0	13.4	18.0	0.0	33.9	6.4	0.0	11.2	7.3	0.0	12.6
Malignant neoplasm of prostate	7.5	16.7	0.0	7.5	16.4	0.0	6.3	14.8	0.0	14.3	32.1	0.0	6.2	16.0	0.0	5.0	12.7	0.0
Malignant melanoma of skin	2.2	3.0	1.5	2.8	3.6	2.0	0.6	0.7	**	**	**	**	**	**	0.0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri	1.2	0.0	2.3	1.0	0.0	2.1	1.7	0.0	3.2	**	0.0	**	**	0.0	**	**	0.0	**
Accidents (unintentional injury)	74.8	107.9	41.8	71.8	101.0	42.4	63.3	95.8	31.6	91.2	134.1	46.1	206.5	320.5	105.4	31.1	43.7	18.3
Accidental poisoning	35.6	54.8	16.2	34.5	50.9	17.8	30.5	49.7	11.1	49.2	78.4	18.4	101.1	161.6	45.5	8.2	14.8	**
Motor vehicle accidents	17.5	25.4	9.6	15.4	22.7	8.1	16.7	23.4	10.1	21.3	28.5	13.2	59.7	86.8	35.1	8.8	14.3	3.3
Falls	12.0	13.4	10.6	12.4	13.4	11.4	9.2	11.7	7.3	4.5	5.7	**	17.2	29.6	8.1	9.1	7.2	9.9
Accidental drowning and submersion	1.7	2.5	0.9	1.8	2.7	0.8	1.0	1.6	**	2.6	4.0	**	3.7	4.6	**	**	**	**
COVID-19	47.5	60.2	36.8	41.7	52.2	32.5	62.7	88.0	43.8	52.7	64.3	43.1	116.7	139.8	100.9	30.1	45.0	20.2
Chronic lower respiratory diseases	35.3	36.3	34.4	40.1	39.8	40.2	15.3	20.5	11.4	36.6	41.5	34.4	14.6	21.9	10.4	11.1	12.7	10.3
Cerebrovascular diseases	34.5	33.9	34.6	32.8	32.2	33.0	38.3	40.2	36.5	54.2	46.1	59.1	36.6	31.0	39.3	29.4	26.7	31.2
Alzheimer's disease	28.5	21.8	33.7	28.6	22.0	34.0	29.6	21.3	35.0	35.7	31.3	38.8	18.9	17.8	19.9	17.3	8.4	22.9
Diabetes	25.1	32.0	19.0	19.7	25.8	14.2	39.5	52.5	29.7	42.4	53.9	31.9	88.0	97.6	77.5	19.4	25.9	14.8
Intentional self-harm (suicide)	20.5	33.6	7.7	24.3	39.8	9.0	12.2	20.7	4.2	14.3	22.3	5.4	35.1	54.7	16.9	9.4	14.8	4.4
Chronic liver disease and cirrhosis	17.4	21.6	13.4	13.4	17.3	9.7	19.9	25.6	14.8	8.2	10.5	6.0	106.0	112.5	99.0	4.9	8.4	**
Essential (primary) hypertension and hypertensive renal disease	11.3	12.3	10.2	10.1	10.7	9.5	14.6	16.6	12.6	28.4	35.2	22.7	14.3	15.8	12.5	7.6	7.4	8.0
Parkinson's disease	10.0	14.2	6.7	10.7	15.0	7.0	7.4	11.1	4.9	8.3	11.4	6.1	9.0	11.2	7.3	5.0	**	4.5
Influenza and pneumonia	10.0	11.8	8.6	9.1	10.4	7.9	11.2	12.6	10.2	10.3	13.1	8.3	32.5	44.5	23.5	6.0	12.0	**
Assault (homicide)	9.0	14.2	3.6	4.7	7.2	2.2	9.4	14.9	3.9	27.4	43.6	9.6	34.5	59.5	10.9	2.6	4.7	**
Nephritis, nephrotic syndrome and nephrosis	8.5	9.9	7.4	6.9	8.2	5.7	12.4	14.9	10.6	15.0	17.3	13.8	28.9	33.4	26.6	4.8	6.2	4.0
Septicemia	5.5	6.0	5.0	4.9	5.8	4.0	6.6	5.8	7.2	6.3	7.6	4.9	15.2	16.2	15.0	3.6	**	4.0
Human immunodeficiency virus (HIV) disease	1.4	2.3	0.5	1.1	2.0	**	1.5	2.5	0.6	3.5	4.5	**	2.5	**	**	**	**	0.0
Injury by firearms	20.1	34.7	5.7	19.5	33.6	5.5	15.8	27.0	4.8	31.0	53.1	6.4	36.1	63.9	9.7	5.6	9.3	**
Drug-induced deaths	38.6	57.7	19.4	39.1	55.8	22.0	32.5	52.0	12.8	55.3	86.3	22.7	83.7	128.1	41.9	10.8	19.1	**
Opioid-induced deaths	27.4	41.6	13.0	28.2	41.2	14.9	23.5	37.9	8.8	33.8	50.9	15.3	59.1	90.5	29.1	6.6	11.0	**
Alcohol-induced deaths	20.0	28.1	12.2	16.4	22.6	10.4	15.5	25.0	6.9	7.8	11.3	4.3	142.5	198.2	92.6	4.1	7.6	**

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 The number of deaths per 100,000 resident population age-adjusted to the 2000 U.S. standard; The rates for cervical cancer are per 100,000 females; The rate for prostate cancer is per 100,000 males; ^b Includes records with unknown gender and race/ethnicity.