

TABLE 5E-11
AGE-ADJUSTED^a MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2023

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PER 100,000 TOTAL POPULATION (BOTH GENDERS):																
Total, all causes	720.5	1262.1	795.3	736.3	983.1	839.9	783.8	1090.0	691.2	887.1	1058.3	745.1	655.6	537.6	748.0	612.5
Cardiovascular disease	194.5	214.3	210.5	142.7	263.4	193.2	228.2	268.6	195.7	240.8	247.6	186.5	186.4	160.9	180.7	165.1
Diseases of heart	145.4	169.8	161.7	104.7	207.3	145.3	186.2	214.7	145.9	192.3	181.8	134.5	141.8	115.4	135.3	122.6
Coronary heart disease	101.3	109.5	104.6	61.8	136.2	101.6	132.0	141.4	104.6	151.3	116.6	81.8	102.1	81.3	91.3	87.5
Malignant neoplasms	128.4	150.5	151.3	119.2	147.1	135.7	123.9	185.6	124.4	159.8	132.3	133.7	116.1	97.4	145.8	110.0
Lung cancer	23.1	22.0	24.5	11.3	28.4	32.5	20.6	38.2	22.4	39.9	18.6	23.1	21.2	13.4	25.3	19.9
Colorectal cancer	12.8	19.4	17.7	9.5	7.7	10.6	0.0	20.1	13.3	14.5	15.2	11.2	9.3	9.7	15.8	10.1
Breast cancer	9.4	10.6	8.9	7.2	8.6	19.2	0.0	14.8	9.2	8.1	14.0	10.1	6.9	9.3	13.2	8.2
Prostate cancer	7.7	9.9	12.3	9.9	12.0	9.8	12.2	11.5	6.6	12.6	10.8	8.6	6.0	6.9	10.2	6.3
Malignant melanoma of skin	2.1	2.9	3.7	3.3	2.4	2.0	8.4	14.2	2.1	1.8	1.2	2.2	1.4	3.0	2.4	0.5
Cervical cancer	1.0	0.0	0.4	2.7	0.0	2.0	0.0	2.1	0.9	2.5	1.2	0.8	1.3	0.0	3.3	0.0
Accident (unintentional injury)	74.6	233.8	68.1	87.8	104.5	89.5	81.1	127.7	69.4	89.2	155.7	83.3	63.1	47.5	68.7	51.9
Accidental poisoning	34.1	79.0	30.6	34.3	59.6	30.4	24.0	47.6	31.5	32.5	79.9	42.7	24.5	6.3	33.9	24.1
Motor vehicle accident	16.7	97.1	13.1	31.3	25.2	31.2	19.9	38.0	13.9	25.1	43.8	16.6	20.6	8.4	17.0	11.5
Accidental falls	13.0	18.7	14.0	14.4	8.0	9.0	37.2	3.7	13.9	6.9	15.5	14.6	9.6	21.4	12.4	3.9
Accidental drowning	1.5	2.5	0.9	0.6	0.9	2.5	0.0	2.1	1.6	1.9	2.2	1.2	1.4	0.0	0.9	2.1
Chronic lower respiratory diseases	33.9	40.4	45.9	26.7	52.5	24.0	29.2	65.4	31.2	62.2	45.9	31.1	31.6	23.6	47.1	22.9
Cerebrovascular disease	32.5	33.6	34.9	21.2	35.2	33.5	42.0	24.8	32.0	32.1	52.7	36.1	28.9	38.9	29.5	30.2
Alzheimer's disease	26.3	16.2	18.3	24.9	12.0	44.2	28.0	11.0	28.4	20.8	30.1	24.8	21.5	27.3	30.1	22.9
Diabetes	23.9	48.8	27.0	28.4	40.3	21.1	37.2	34.7	23.3	24.7	35.4	22.4	23.6	18.3	22.8	27.1
Intentional self-harm (suicide)	18.9	43.4	31.3	27.5	41.1	28.5	11.3	34.2	16.3	34.6	47.6	17.9	16.7	11.6	29.9	16.2
Chronic liver disease and cirrhosis	16.4	78.2	20.5	35.1	47.5	16.5	20.6	47.6	12.9	23.2	60.8	15.1	19.2	1.5	18.7	18.0
Essential (primary) hypertension	10.6	8.7	7.4	10.9	15.2	7.4	0.0	12.9	11.6	7.6	10.1	9.8	12.1	6.6	8.4	7.1
Influenza and pneumonia	9.6	27.0	15.4	16.5	18.7	7.2	7.9	8.2	8.7	9.0	20.5	10.2	9.6	4.6	8.9	12.6
COVID-19	9.5	18.6	8.1	10.7	5.4	12.5	21.3	9.9	9.6	10.5	14.4	9.4	8.0	7.8	9.2	7.6
Parkinson's disease	9.3	5.2	7.5	13.3	5.2	7.0	20.7	5.1	10.1	6.0	10.5	10.1	7.8	5.8	8.3	6.3
Nephritis	8.2	15.9	14.2	8.3	7.5	18.0	15.8	1.5	6.6	16.9	16.4	10.5	9.1	15.3	5.3	6.6
Assault (homicide)	7.4	16.9	4.7	7.9	26.9	3.1	0.0	9.4	7.3	6.7	12.6	7.4	6.8	8.3	2.4	8.6
Septicemia	5.7	19.1	5.1	4.0	1.8	7.0	22.1	3.7	4.8	9.1	7.7	7.5	3.3	5.1	6.3	12.0
HIV disease	0.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.0	1.0	0.6	2.4	0.7	0.5
Injury by firearms	18.3	23.5	23.7	19.1	46.6	17.8	32.0	39.4	16.7	27.6	29.1	17.6	18.2	14.2	26.0	16.9
Drug-induced deaths	36.8	77.9	39.5	28.2	66.2	23.2	24.0	49.2	34.8	37.2	62.9	44.9	26.3	7.7	37.0	25.9
Opioid-induced deaths	26.8	57.3	25.2	14.3	47.4	18.8	24.0	23.0	26.5	21.7	46.2	32.1	20.0	3.9	25.9	9.5
Alcohol-induced deaths	17.9	118.4	18.0	51.6	49.1	23.1	12.0	35.7	14.6	26.3	91.5	13.1	14.3	0.0	18.9	19.1
AVERAGE AGE AT DEATH	72.4	64.5	73.5	67.2	72.2	70.0	68.8	71.1	72.1	73.5	66.5	74.0	71.2	75.2	76.2	73.1
MEDIAN AGE AT DEATH	76.0	68.0	76.0	71.0	75.0	75.0	71.5	74.0	76.0	75.0	71.0	77.0	75.0	78.0	79.0	76.0

TABLE 5E-11 (continued)
AGE-ADJUSTED^a MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2023

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PER 100,000 MALES:																
Total, all causes	852.7	1599.6	950.3	884.8	1209.4	915.8	831.6	1393.9	815.9	1048.6	1298.5	879.6	752.0	658.5	881.6	734.1
Cardiovascular disease	234.7	279.4	264.3	176.8	347.9	218.2	155.7	339.0	235.3	299.0	308.1	223.4	211.0	209.8	222.3	209.3
Diseases of heart	183.6	220.3	214.3	142.1	276.5	175.0	115.6	283.2	184.1	244.5	238.5	169.0	167.9	154.8	169.8	163.4
Coronary heart disease	133.8	167.0	145.2	87.7	189.3	118.9	99.7	213.0	137.9	193.9	163.5	109.4	121.3	114.0	120.5	124.5
Malignant neoplasms	147.0	188.7	176.5	133.6	159.4	133.7	168.3	234.3	141.1	189.5	153.9	155.8	135.8	124.0	158.7	125.2
Lung cancer	26.1	32.7	29.0	11.9	35.7	33.3	42.0	47.8	24.8	46.5	22.5	27.8	22.7	11.4	27.6	22.5
Prostate cancer	17.2	22.9	26.8	22.5	25.8	21.7	26.5	21.1	14.9	25.8	23.7	19.4	12.5	15.3	22.1	13.1
Colorectal cancer	15.6	21.6	23.9	11.8	13.6	18.5	0.0	26.4	15.8	16.5	19.0	13.4	13.1	15.2	15.8	16.1
Malignant melanoma of skin	3.0	7.6	3.6	3.3	2.9	4.2	0.0	17.8	3.2	2.3	2.5	2.8	2.6	0.0	2.6	1.1
Breast cancer	0.2	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.1	0.0	0.0	0.7	0.0	0.0	0.0	0.7
Accident (unintentional injury)	107.0	353.4	89.0	132.0	164.3	123.6	153.1	186.1	100.0	123.4	222.6	116.6	86.8	69.0	100.0	75.3
Accidental poisoning	51.7	118.6	39.1	51.1	96.9	30.3	45.2	70.2	49.0	44.1	119.0	63.1	36.2	8.3	53.3	32.2
Motor vehicle accident	24.7	141.3	22.8	46.8	43.5	44.8	36.8	37.0	20.9	36.3	48.3	24.5	28.0	17.7	26.3	16.3
Accidental falls	15.0	27.5	12.5	21.0	4.4	20.1	71.1	4.3	15.3	7.6	26.9	17.2	12.9	27.0	15.5	7.6
Accidental drowning	2.2	5.0	1.1	1.2	1.7	4.8	0.0	4.3	2.4	3.4	4.4	0.7	2.0	0.0	0.5	2.0
Chronic lower respiratory diseases	33.5	57.5	55.1	19.3	50.8	17.4	0.0	75.1	30.0	62.4	45.1	32.1	29.8	32.0	40.7	24.2
Cerebrovascular disease	32.5	43.2	34.8	23.7	44.0	21.6	40.1	17.1	31.1	34.1	58.4	37.2	25.0	44.1	34.0	32.2
Diabetes	31.5	51.7	34.5	36.2	66.7	44.2	26.5	37.3	31.0	30.6	42.3	30.1	29.9	18.4	31.8	36.4
Intentional self-harm (suicide)	30.2	68.2	41.3	42.6	66.1	47.5	20.9	66.3	26.0	52.6	73.0	29.5	25.3	24.4	51.8	25.0
Alzheimer's disease	20.9	11.8	17.4	11.8	8.0	39.1	0.0	8.4	22.6	16.2	22.6	21.0	18.4	11.5	22.9	18.5
Chronic liver disease and cirrhosis	19.6	102.7	24.7	47.1	35.2	20.2	26.5	34.8	16.0	23.5	65.0	17.0	19.8	0.0	24.4	23.0
Parkinson's disease	13.4	8.9	12.3	15.8	7.0	10.0	42.4	7.1	15.2	8.5	9.4	13.7	10.3	13.4	12.8	9.8
COVID-19	11.7	27.0	9.8	7.6	7.9	21.1	0.0	8.4	12.3	11.2	19.6	11.7	6.4	12.1	11.5	8.7
Assault (homicide)	11.6	30.4	3.1	12.4	46.1	5.3	0.0	19.1	11.6	9.5	21.0	12.1	9.3	14.4	3.2	11.9
Essential (primary) hypertension	11.3	10.9	6.7	8.0	23.8	5.8	0.0	5.6	12.6	6.6	8.1	9.4	13.0	10.9	11.1	8.1
Influenza and pneumonia	11.2	26.3	18.3	27.4	20.5	10.0	28.7	7.1	10.5	8.1	20.6	11.3	10.5	0.0	9.9	14.3
Nephritis	10.2	21.6	13.6	7.0	3.2	8.5	28.7	2.8	8.5	22.8	23.6	12.5	11.9	21.1	6.5	7.5
Septicemia	6.4	14.0	6.1	8.0	1.7	0.0	18.1	2.8	5.9	9.2	8.7	8.3	3.7	2.6	7.7	8.6
HIV disease	1.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.5	0.0	2.0	1.2	5.1	1.5	0.8
Injury by firearms	31.7	39.5	32.2	33.4	80.9	32.8	59.9	80.0	29.3	45.3	55.4	31.1	27.6	29.8	45.8	24.5
Drug-induced deaths	53.8	114.4	51.6	41.4	102.3	24.5	45.2	70.2	52.1	45.7	86.3	64.4	38.4	11.5	54.1	33.5
Opioid-induced deaths	40.4	90.8	30.0	18.9	81.5	15.9	45.2	28.0	40.8	29.9	68.8	47.4	29.3	3.2	41.0	13.0
Alcohol-induced deaths	23.8	177.1	20.1	72.7	44.4	21.6	21.9	31.8	19.5	30.4	125.6	16.6	17.6	0.0	28.1	24.1
AVERAGE AGE AT DEATH	69.7	60.6	72.1	63.3	69.8	65.6	63.2	71.2	69.1	72.3	63.7	71.4	69.2	73.3	74.4	71.7
MEDIAN AGE AT DEATH	74.0	64.0	74.0	67.0	73.0	71.5	66.0	74.0	73.0	74.0	68.0	75.0	73.0	76.0	77.0	75.0

TABLE 5E-11 (continued)
AGE-ADJUSTED^a MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2023

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PER 100,000 FEMALES:																
Total, all causes	597.3	928.5	649.6	588.8	759.3	751.3	760.8	789.7	578.1	724.1	824.0	623.3	556.9	436.4	621.7	495.9
Cardiovascular disease	158.8	163.9	160.3	112.1	182.9	168.9	282.9	197.5	161.7	183.5	191.2	154.5	162.3	122.1	142.6	124.1
Diseases of heart	111.9	130.4	113.0	72.5	141.5	116.2	241.8	145.9	113.8	141.6	128.2	105.3	116.3	84.9	103.9	84.7
Coronary heart disease	73.1	62.0	67.3	38.9	86.4	81.4	156.0	69.8	76.7	109.8	72.7	58.4	83.4	54.5	65.1	53.0
Malignant neoplasms	113.0	122.9	129.3	107.7	136.7	137.9	82.1	137.1	111.2	130.9	115.5	116.2	97.8	75.0	136.2	96.5
Lung cancer	20.5	14.2	20.0	10.6	22.2	33.1	0.0	30.0	20.4	33.4	15.8	19.2	20.0	14.8	23.3	17.6
Breast cancer	17.5	19.4	16.8	13.5	16.7	32.0	0.0	28.4	17.1	16.0	26.8	18.3	13.6	17.1	25.2	15.3
Colorectal cancer	10.4	16.1	12.2	7.8	2.8	3.8	0.0	15.4	11.1	12.6	11.7	9.2	5.5	5.0	15.9	4.3
Cervical cancer	2.0	0.0	0.7	5.5	0.0	3.8	0.0	4.2	1.7	4.9	2.4	1.6	2.6	0.0	6.5	0.0
Malignant melanoma of skin	1.3	0.0	4.0	3.4	1.7	0.0	18.6	11.3	1.2	1.2	0.0	1.7	0.2	5.6	2.4	0.0
Accident (unintentional injury)	42.5	108.6	45.5	45.3	43.9	57.9	18.7	73.2	39.5	53.7	86.5	51.6	36.5	30.6	37.1	28.0
Accidental poisoning	16.4	37.1	21.0	17.6	21.0	33.5	0.0	26.5	14.1	20.3	39.1	23.0	10.4	4.5	14.0	15.0
Accidental falls	11.2	9.0	15.5	8.6	11.5	0.0	18.7	3.7	12.7	6.1	4.8	12.3	6.3	18.0	9.8	0.5
Motor vehicle accident	8.8	50.2	2.6	16.2	6.9	16.2	0.0	38.7	7.1	13.6	38.8	9.1	12.5	0.0	7.3	6.5
Accidental drowning	0.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	1.6	0.8	0.0	1.4	2.2
COVID-19	34.2	28.5	37.5	31.8	54.3	30.6	59.7	55.3	32.0	61.6	46.9	30.0	33.2	16.2	53.1	21.7
Cerebrovascular disease	32.2	26.9	34.7	18.9	27.3	43.6	41.1	32.5	32.3	29.7	47.9	34.7	32.5	34.5	25.4	28.2
Chronic lower respiratory diseases	30.4	18.5	19.1	34.5	15.2	47.1	44.3	14.9	32.5	24.9	36.9	27.5	24.4	39.9	36.2	27.0
Alzheimer's disease	17.0	46.2	20.1	21.3	14.8	0.0	48.2	30.7	16.6	18.7	28.3	15.5	17.6	18.0	14.6	18.4
Diabetes	13.4	53.8	17.6	23.4	60.0	14.3	18.6	59.9	10.0	23.2	56.2	13.6	18.8	2.7	13.6	13.3
Chronic liver disease and cirrhosis	9.9	6.6	8.0	12.4	7.0	9.1	0.0	19.0	10.5	8.6	11.5	9.9	11.2	2.6	6.0	6.3
Essential (primary) hypertension	8.3	26.5	13.3	7.1	17.0	3.8	0.0	9.8	7.2	10.0	20.1	9.4	8.9	8.0	8.1	11.0
Influenza and pneumonia	8.0	17.5	21.6	12.5	16.0	5.6	0.0	3.7	7.1	15.8	21.6	6.6	7.3	0.0	8.3	7.3
Intentional self-harm (suicide)	7.8	11.4	6.7	13.0	3.4	4.4	45.3	11.7	7.5	10.0	9.4	7.5	9.7	4.5	7.1	6.6
Nephritis	6.4	10.5	14.9	9.2	11.6	25.6	10.9	0.0	5.0	10.8	10.2	8.7	6.6	10.4	4.3	5.7
Parkinson's disease	5.9	2.4	3.4	11.1	3.4	4.2	0.0	3.3	6.2	3.7	12.0	7.2	5.4	0.0	4.4	3.2
Septicemia	5.1	22.9	4.1	1.0	1.7	12.7	26.6	4.2	3.9	9.3	6.5	6.9	2.9	7.3	4.9	15.0
Assault (homicide)	3.1	3.2	6.4	3.3	6.9	0.0	0.0	0.0	3.0	3.7	3.5	2.6	3.9	2.7	1.5	5.0
HIV disease	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.1	0.0	0.0	0.0	0.0
Injury by firearms	5.2	7.8	15.5	5.1	12.0	0.0	0.0	0.0	4.6	9.2	2.1	4.3	7.8	0.0	6.5	9.0
Drug-induced deaths	19.7	38.8	26.3	15.0	28.8	23.8	0.0	30.2	17.7	28.3	38.2	26.0	11.9	4.5	19.1	17.5
Opioid-induced deaths	12.9	21.5	19.0	9.7	12.2	23.8	0.0	18.4	12.2	12.9	22.4	17.2	8.6	4.5	10.3	5.3
Alcohol-induced deaths	12.3	58.1	16.8	29.6	53.9	26.7	0.0	38.8	10.1	22.5	57.5	10.2	10.7	0.0	10.6	14.6
AVERAGE AGE AT DEATH	75.6	70.1	75.3	72.5	75.4	74.9	74.0	70.9	75.6	75.2	70.3	76.9	73.7	77.6	78.3	75.0
MEDIAN AGE AT DEATH	79.0	74.5	78.0	77.0	77.0	79.0	73.0	76.0	79.0	77.0	74.0	80.0	77.0	80.0	80.0	78.0

Notes: ^a Adjusted to the 2000 standard U.S. population; All rates are per 100,000 resident population; The rates based on fewer than 10 deaths (see Table 5E-12) are not statistically reliable.