

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, 2018

	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	688.6	916.6	709.8	678.5	872.3	854.5	585.7	843.6	678.1	862.6	897.8	704.6	577.3	441.2	724.9	557.7
Cardiovascular disease	188.4	193.3	219.1	152.8	250.5	243.3	213.1	223.5	185.0	260.2	201.6	188.4	163.1	116.5	188.0	162.9
Diseases of heart	140.5	136.6	165.7	107.3	204.0	172.1	155.6	188.6	136.9	207.1	148.6	136.2	122.0	85.8	146.2	123.8
Coronary heart disease	100.8	101.6	126.0	73.9	149.8	110.8	110.2	169.4	95.1	163.0	114.1	97.8	85.2	62.5	105.7	100.5
Malignant neoplasms	135.9	111.5	142.8	133.6	127.0	116.0	95.8	150.2	134.2	174.4	126.3	137.6	119.9	104.6	159.4	122.4
Lung cancer	28.9	21.0	35.9	19.1	26.1	26.1	8.6	40.0	28.3	45.1	20.5	27.9	28.5	13.8	35.1	20.4
Colorectal cancer	12.9	5.5	9.9	10.3	17.2	14.3	0.0	7.6	12.4	15.4	9.8	14.0	13.2	13.4	16.1	12.3
Breast cancer	9.5	7.9	8.7	9.1	1.9	5.0	0.0	15.4	10.1	10.6	4.9	7.7	8.9	5.9	14.2	6.9
Prostate cancer	7.7	4.7	9.9	6.0	8.0	2.5	0.0	12.1	7.3	11.8	14.1	7.9	6.1	9.5	7.2	9.2
Malignant melanoma of skin	2.4	3.3	0.0	0.6	2.6	5.8	0.0	1.6	2.5	3.2	1.3	2.5	2.4	1.6	3.9	1.0
Cervical cancer	1.0	0.0	1.3	0.5	0.7	0.0	0.0	16.9	1.0	1.3	0.0	0.8	0.6	0.0	1.8	0.3
Accident (unintentional injury)	55.9	134.1	56.5	73.3	84.4	45.7	30.0	123.6	54.7	54.3	99.7	56.1	42.9	41.6	58.1	37.5
Accidental poisoning	22.5	34.8	21.3	31.6	28.2	24.0	0.0	25.7	22.7	12.1	28.5	24.0	15.8	17.6	25.9	15.2
Motor vehicle accident	14.1	60.9	18.1	22.5	30.4	14.2	18.8	86.0	11.9	18.5	46.6	12.8	13.9	17.3	12.1	12.4
Accidental falls	12.4	9.9	11.9	10.1	10.2	2.2	0.0	1.6	13.7	12.7	7.1	13.7	7.2	3.2	13.1	4.0
Accidental drowning	1.3	3.0	0.0	2.6	6.0	2.4	0.0	0.0	1.4	3.9	3.3	0.7	0.3	0.0	0.8	1.4
Chronic lower respiratory diseases	42.6	28.2	47.9	30.1	72.1	69.1	24.6	34.5	40.1	72.5	49.1	42.1	37.7	15.2	61.0	28.5
Alzheimer's disease	34.3	15.4	12.6	33.2	34.1	81.9	19.1	4.5	38.7	40.7	31.8	31.3	21.3	23.5	34.7	17.5
Cerebrovascular disease	32.1	45.7	36.5	30.0	35.2	54.0	19.2	23.1	31.9	36.1	40.3	35.8	24.8	24.7	28.4	24.3
Diabetes	23.0	32.4	24.9	20.3	18.7	55.0	19.0	23.0	22.1	21.2	45.3	26.2	20.7	7.9	13.9	32.6
Intentional self-harm (suicide)	19.5	41.8	14.6	32.2	60.5	9.7	27.8	50.0	16.5	30.6	48.8	19.3	20.0	12.2	30.0	16.4
Chronic liver disease and cirrhosis	14.2	39.8	15.1	28.9	33.3	21.0	7.3	58.8	11.8	18.2	52.0	16.1	11.5	3.5	15.1	12.8
Influenza and pneumonia	12.7	19.6	11.1	8.4	15.8	21.6	0.0	16.5	12.3	22.2	18.3	12.6	8.4	10.2	13.0	13.4
Essential (primary) hypertension and hypertensive renal disease	10.5	7.1	8.5	11.0	6.4	17.2	14.8	8.9	11.3	8.7	10.6	9.5	11.6	3.2	8.5	9.5
Parkinson's disease	9.0	11.1	10.6	9.0	6.5	9.8	0.0	1.3	10.4	5.3	10.2	8.2	5.8	4.5	8.9	4.1
Nephritis	7.7	13.0	9.4	12.7	18.3	25.8	11.7	7.7	6.7	11.6	9.6	8.3	9.8	6.0	4.8	9.4
Assault (homicide)	6.1	10.9	0.9	10.1	11.1	4.9	0.0	14.9	5.7	5.3	10.5	7.9	5.2	7.7	2.5	6.0
Septicemia	4.4	13.4	6.1	2.4	8.0	2.2	17.3	4.2	4.1	4.1	4.5	4.0	4.1	5.4	4.3	7.2
HIV disease	1.1	1.6	0.0	0.7	0.0	0.0	0.0	0.0	1.2	0.6	0.5	1.2	1.1	0.0	0.2	1.3
Injury by firearms	15.5	17.9	12.0	15.0	36.0	10.5	9.0	56.1	14.0	23.2	20.4	16.9	13.9	12.2	21.9	14.9
Drug-induced deaths	25.4	17.4	21.7	24.1	35.2	26.5	0.0	44.9	26.1	22.6	16.0	27.7	18.8	17.6	29.3	17.7
Opioid-induced deaths	16.1	3.5	11.7	16.7	12.6	2.4	0.0	0.0	18.1	12.1	7.9	17.6	9.1	15.4	15.4	2.7
Alcohol-induced deaths	15.2	70.2	13.6	56.6	26.6	9.9	14.6	68.9	12.1	22.9	64.3	15.1	10.8	1.3	16.3	9.5
AVERAGE AGE AT DEATH	72.5	65.1	73.9	66.1	71.6	71.4	68.9	69.4	72.5	73.8	66.3	73.8	70.7	72.8	76.1	72.6
MEDIAN AGE AT DEATH	76.0	69.0	76.0	70.0	75.0	75.0	74.0	72.0	76.0	75.0	71.0	77.0	74.0	78.0	78.0	77.0

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, 2018

	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	813.4	1197.3	836.6	776.5	1130.2	938.7	747.2	911.9	796.7	1031.9	1058.8	850.2	646.4	541.1	858.7	682.7
Cardiovascular disease	225.2	234.7	255.3	151.1	319.3	268.8	313.9	305.6	221.4	331.5	239.8	224.0	193.2	107.0	227.6	190.0
Diseases of heart	176.3	177.4	212.0	116.5	274.9	197.5	227.5	280.3	172.0	277.8	175.4	170.0	147.8	78.7	186.8	147.3
Coronary heart disease	134.3	148.1	176.7	99.2	203.6	138.6	154.2	261.3	126.5	224.6	149.8	128.3	105.5	64.4	148.3	126.4
Malignant neoplasms	161.8	128.1	179.9	130.2	182.5	117.0	113.0	128.7	158.8	210.1	165.0	169.9	132.6	153.0	189.6	146.3
Lung cancer	33.8	27.5	46.1	16.3	35.9	23.1	16.6	30.4	33.3	48.2	28.6	32.7	31.7	21.9	41.9	22.4
Prostate cancer	17.4	10.3	20.6	13.5	17.7	5.9	0.0	23.6	17.0	24.3	31.1	18.1	12.8	23.1	15.5	18.9
Colorectal cancer	15.8	9.7	9.4	13.5	21.7	26.4	0.0	12.8	14.6	20.4	14.5	17.5	14.4	20.5	24.5	15.8
Malignant melanoma of skin	3.7	4.1	0.0	1.2	5.7	0.0	0.0	3.0	3.8	2.9	1.6	4.2	3.3	3.6	7.3	1.4
Breast cancer	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Accident (unintentional injury)	76.4	214.1	81.9	125.6	121.6	59.8	38.3	131.1	73.9	76.5	143.7	73.3	57.3	80.4	79.5	50.1
Accidental poisoning	32.3	59.7	29.8	51.8	37.4	31.6	0.0	33.6	32.5	15.7	39.3	34.3	20.2	36.8	38.1	23.3
Motor vehicle accident	20.0	94.3	28.0	38.4	41.7	17.8	17.0	72.6	16.7	26.1	70.7	17.4	18.1	35.9	20.0	16.7
Accidental falls	13.2	12.0	15.4	18.3	18.1	0.0	0.0	3.1	14.6	15.4	6.8	13.4	10.3	0.0	11.9	3.0
Accidental drowning	2.0	2.7	0.0	3.1	6.7	4.2	0.0	0.0	2.1	7.5	4.3	1.2	0.5	0.0	0.0	2.1
Chronic lower respiratory diseases	44.7	29.4	46.0	29.2	79.8	88.5	21.5	25.8	40.9	76.7	54.2	46.8	38.4	21.2	63.5	36.2
Cerebrovascular disease	31.6	42.8	22.9	15.9	33.2	50.4	43.4	11.0	32.5	36.5	46.7	33.3	26.9	21.5	27.4	27.7
Intentional self-harm (suicide)	31.5	68.6	25.0	49.5	110.2	17.3	52.4	36.9	26.3	53.3	72.8	33.1	30.0	21.1	44.0	28.1
Diabetes	29.8	47.0	30.9	29.0	27.0	57.9	0.0	19.9	28.4	24.2	51.4	37.0	24.6	7.4	18.2	43.0
Alzheimer's disease	26.7	9.0	7.3	26.4	30.0	65.2	0.0	2.4	31.4	29.5	22.4	24.7	14.1	11.4	23.2	14.0
Chronic liver disease and cirrhosis	17.9	43.3	18.7	34.8	42.4	20.3	0.0	70.5	15.5	18.9	58.0	20.1	10.9	7.7	19.1	19.2
Influenza and pneumonia	15.0	28.7	13.8	13.5	22.1	18.7	0.0	12.0	14.8	20.9	20.8	15.0	11.3	10.1	15.8	17.9
Parkinson's disease	13.7	20.0	13.4	14.4	9.8	16.4	0.0	0.0	15.9	6.8	18.1	13.4	7.5	3.6	15.7	6.6
Essential (primary) hypertension	10.7	10.8	7.7	13.1	4.8	21.0	43.1	11.8	10.9	8.6	14.9	10.7	12.1	3.9	9.7	8.3
Assault (homicide)	9.8	21.2	1.9	17.1	10.1	4.2	0.0	15.1	9.4	4.1	11.1	13.3	6.6	16.0	3.9	9.8
Nephritis	9.0	10.0	11.4	4.8	30.5	10.4	26.2	8.8	8.4	14.8	7.9	8.3	10.3	10.1	5.1	15.1
Septicemia	5.0	19.4	4.2	2.9	2.1	0.0	0.0	2.4	4.9	6.0	2.8	4.8	2.9	3.6	5.0	9.9
HIV disease	1.9	3.2	0.0	1.3	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.4	2.0	0.0	0.5	2.7
Injury by firearms	27.1	36.1	22.6	19.6	57.8	14.2	17.0	48.9	24.7	36.7	32.3	31.1	22.7	26.4	33.6	27.0
Drug-induced deaths	34.6	24.9	31.0	36.4	41.4	35.8	0.0	48.8	35.9	26.7	17.5	38.6	21.8	36.8	38.9	25.1
Opioid-induced deaths	22.0	6.8	18.7	26.9	11.2	4.4	0.0	0.0	25.0	12.3	13.5	23.7	9.7	32.0	21.7	4.3
Alcohol-induced deaths	21.1	86.1	17.2	69.1	34.0	5.7	13.6	70.5	17.8	30.8	85.5	21.0	11.5	2.9	24.9	13.4
AVERAGE AGE AT DEATH	69.7	61.2	71.6	62.0	69.5	67.1	66.9	69.7	69.3	72.1	63.7	71.1	68.8	67.8	74.1	71.2
MEDIAN AGE AT DEATH	73.0	63.0	75.0	65.0	73.0	72.0	70.0	73.0	73.0	74.0	68.0	74.0	73.0	73.0	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, 2018

	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	573.5	651.0	584.4	577.1	627.2	756.7	468.6	789.6	572.4	693.2	742.7	575.4	505.7	350.6	600.9	437.9
Cardiovascular disease	155.6	155.7	184.6	152.0	186.6	211.7	134.5	143.1	153.7	190.4	167.4	157.6	133.3	121.8	152.4	137.9
Diseases of heart	109.1	100.4	123.6	98.0	136.3	143.7	92.0	98.8	107.4	138.1	124.8	107.3	96.7	89.6	110.2	102.0
Coronary heart disease	71.9	61.3	80.1	52.4	99.2	82.5	69.5	78.4	68.9	103.2	83.6	72.2	65.4	59.7	68.7	76.6
Malignant neoplasms	114.7	99.0	108.1	136.2	76.8	112.8	81.9	171.6	115.1	139.9	93.6	111.7	109.0	66.0	133.2	100.6
Lung cancer	24.6	15.9	26.7	20.7	16.9	28.7	0.0	47.8	24.2	41.9	13.7	24.0	25.5	7.3	28.9	18.6
Breast cancer	17.6	14.5	16.7	17.4	3.8	9.2	0.0	32.1	18.4	20.9	9.0	14.1	17.2	10.6	26.8	13.2
Colorectal cancer	10.3	2.4	10.2	7.8	12.8	0.0	0.0	2.8	10.4	10.5	5.6	11.1	11.9	7.6	8.8	9.1
Cervical cancer	2.0	0.0	2.6	1.0	1.4	0.0	0.0	33.9	2.0	2.6	0.0	1.5	1.2	0.0	3.5	0.6
Malignant melanoma of skin	1.4	2.4	0.0	0.0	0.0	11.8	0.0	0.0	1.4	3.7	1.1	1.1	1.6	0.0	0.8	0.6
Chronic lower respiratory diseases	40.7	28.4	49.0	30.5	64.3	50.8	35.8	44.0	39.4	68.8	45.6	37.9	36.8	10.3	58.4	21.3
Alzheimer's disease	39.7	19.1	16.5	38.0	37.7	94.8	32.5	7.2	43.6	50.3	39.3	35.7	27.7	31.9	44.1	20.6
Accident (unintentional injury)	35.6	54.7	29.7	23.5	48.9	27.9	21.3	120.7	35.9	31.6	54.9	39.2	27.3	5.9	37.4	23.5
Accidental poisoning	12.5	9.7	11.6	11.1	19.3	13.1	0.0	20.1	13.0	8.3	17.4	13.9	10.9	0.0	13.7	6.2
Accidental falls	11.5	7.2	9.0	3.4	3.3	4.4	0.0	0.0	12.7	10.0	7.9	13.7	4.1	5.9	14.1	4.9
Motor vehicle accident	8.3	27.7	7.4	6.8	19.2	10.4	21.3	100.6	7.2	10.8	21.9	8.5	9.0	0.0	4.6	7.9
Accidental drowning	0.7	3.1	0.0	2.1	5.2	0.0	0.0	0.0	0.7	0.0	2.1	0.3	0.0	0.0	1.7	0.6
Cerebrovascular disease	32.0	46.8	47.7	40.9	38.4	54.3	0.0	34.6	30.9	35.3	34.8	37.6	22.7	26.9	29.2	21.1
Diabetes	17.1	18.7	19.5	12.3	10.7	51.4	37.0	26.9	16.7	18.1	39.0	17.0	17.0	8.2	9.8	22.9
Chronic liver disease and cirrhosis	10.9	37.4	11.9	23.4	25.0	22.7	15.7	45.9	8.4	17.6	46.7	12.5	12.2	0.0	11.6	6.8
Influenza and pneumonia	10.8	11.5	8.1	4.1	10.2	25.4	0.0	21.6	10.4	23.5	15.6	10.7	5.5	10.4	10.8	9.1
Essential (primary) hypertension	10.2	4.2	8.9	9.6	8.6	13.6	0.0	6.0	11.4	8.9	6.4	8.4	11.0	2.7	7.2	10.6
Intentional self-harm (suicide)	7.8	14.3	3.7	14.5	11.7	0.0	0.0	63.8	7.0	7.0	22.7	6.1	8.6	4.8	16.5	4.6
Nephritis	6.7	15.9	7.4	18.9	7.1	37.2	0.0	7.2	5.3	8.5	11.0	8.4	9.6	2.7	4.5	4.0
Parkinson's disease	5.3	4.8	8.4	4.5	3.7	4.4	0.0	2.8	6.3	3.9	4.3	4.2	4.0	5.3	3.1	1.7
Septicemia	3.9	6.6	8.0	1.7	13.4	4.2	32.5	6.4	3.5	2.2	6.2	3.3	5.2	7.1	3.5	4.7
Assault (homicide)	2.4	0.0	0.0	2.9	12.2	5.4	0.0	16.1	2.0	6.4	9.5	2.4	3.4	0.0	1.0	1.9
HIV disease	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	1.1	0.1	0.0	0.0	0.0	0.0
Injury by firearms	4.2	0.0	0.9	10.3	15.3	5.4	0.0	66.1	3.5	9.6	8.0	3.4	4.0	0.0	10.5	2.0
Drug-induced deaths	16.1	8.5	11.0	11.6	29.0	13.1	0.0	43.1	16.3	17.9	14.2	17.1	15.1	0.0	19.5	9.5
Opioid-induced deaths	10.0	0.0	3.6	6.2	14.1	0.0	0.0	0.0	11.0	11.5	2.1	11.6	8.5	0.0	9.1	1.0
Alcohol-induced deaths	9.7	57.4	10.7	44.3	19.8	15.3	15.7	65.7	6.9	15.1	44.2	9.9	10.2	0.0	8.7	6.2
AVERAGE AGE AT DEATH	75.9	71.2	76.8	71.4	75.0	76.0	71.5	68.9	76.1	76.0	69.6	76.9	73.2	78.6	78.3	74.5
MEDIAN AGE AT DEATH	80.0	75.0	79.0	76.0	80.0	80.0	76.0	72.0	80.0	78.0	75.0	81.0	76.0	83.0	81.0	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.