

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, 2020

	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	842.2	1658.8	855.0	858.3	1141.2	953.6	747.0	1200.3	807.3	996.1	1398.3	849.6	763.6	747.5	828.0	892.1
Cardiovascular disease	205.3	235.3	219.7	145.9	287.6	230.6	215.4	353.2	201.2	263.2	253.5	201.8	200.8	136.7	189.9	205.8
Diseases of heart	152.9	186.9	168.1	107.1	228.7	166.6	178.9	291.4	148.5	209.5	188.7	146.8	154.0	102.0	142.7	149.9
Coronary heart disease	109.4	127.4	114.0	71.7	187.8	114.0	141.1	249.1	104.5	161.9	126.8	102.5	110.0	78.0	108.8	120.5
Malignant neoplasms	134.7	107.2	145.9	122.1	159.6	130.8	179.5	140.8	131.1	165.3	122.8	136.2	134.7	101.5	156.8	127.3
Lung cancer	26.8	11.8	34.6	17.1	30.4	32.5	54.5	22.9	25.8	39.7	21.5	25.5	27.3	16.7	33.3	24.5
Colorectal cancer	12.7	10.4	13.0	10.6	14.8	12.4	7.6	16.5	12.6	15.2	11.6	13.4	12.1	15.9	13.7	10.3
Breast cancer	9.9	2.9	12.9	12.3	10.8	8.1	0.0	12.9	10.0	13.2	12.4	9.0	10.0	8.8	11.8	7.3
Prostate cancer	8.3	5.3	9.4	8.9	10.0	4.5	11.7	1.8	8.0	9.8	9.7	8.1	8.4	2.9	11.7	6.2
Malignant melanoma of skin	2.3	1.4	1.3	1.7	5.8	2.1	0.0	0.0	2.5	2.8	0.7	1.8	1.4	0.0	4.4	1.3
Cervical cancer	0.9	1.4	0.5	1.1	0.0	0.0	0.0	0.0	0.9	0.9	1.4	1.0	1.2	0.0	0.4	1.1
COVID-19^d	92.1	408.9	85.2	143.7	132.2	125.5	48.7	69.3	85.6	72.0	283.3	79.1	67.3	159.0	50.8	204.9
Accidental (unintentional injury)	71.5	195.3	64.6	84.6	96.6	87.0	73.3	193.9	66.6	57.0	137.3	79.4	60.2	66.1	74.2	64.2
Accidental poisoning	36.2	80.9	34.9	47.7	32.0	29.9	29.4	82.6	35.1	13.4	66.2	41.1	29.4	39.8	32.6	29.6
Motor vehicle accident	14.0	46.3	7.7	19.7	25.1	28.1	32.2	83.2	11.4	18.7	33.2	15.6	16.1	10.0	21.0	17.1
Accidental falls	12.2	25.8	12.0	9.9	6.2	19.6	0.0	15.0	12.0	10.3	20.0	15.0	7.9	13.3	13.9	2.4
Accidental drowning	1.3	1.0	0.4	0.4	8.7	2.7	0.0	1.6	1.5	0.8	0.0	0.7	1.3	1.5	1.6	0.9
Chronic lower respiratory diseases	38.8	32.5	44.3	35.2	44.9	48.5	19.3	30.2	37.3	72.3	48.1	34.6	35.5	20.3	47.5	28.1
Alzheimer's disease	34.7	12.6	22.8	23.1	27.8	47.1	7.6	20.0	37.9	39.2	40.6	29.7	30.2	22.2	35.9	29.1
Cerebrovascular disease	34.6	31.3	34.2	24.1	34.5	43.8	36.5	47.2	34.5	38.5	45.4	38.2	28.9	22.9	32.6	28.7
Diabetes	27.9	83.5	26.8	30.8	39.4	57.4	30.1	39.5	26.1	25.9	52.2	28.6	32.8	29.0	17.4	34.0
Intentional self-harm (suicide)	18.2	50.9	22.3	26.9	40.6	13.4	43.8	11.9	15.6	28.7	43.5	20.1	15.5	7.8	30.7	10.8
Chronic liver disease and cirrhosis	17.4	80.5	16.9	24.9	56.2	34.4	36.9	62.9	13.2	27.7	71.1	19.3	17.2	18.7	22.8	13.6
Essential (primary) hypertension and hypertensive renal disease	12.2	13.4	10.5	9.5	14.1	12.1	0.0	6.2	12.9	7.6	15.0	10.4	13.9	10.6	8.6	19.1
Influenza and pneumonia	12.2	35.7	12.6	11.3	7.8	13.2	0.0	34.4	11.5	13.0	18.9	13.5	10.7	14.0	8.7	14.1
Parkinson's disease	10.8	10.7	7.6	12.2	10.9	5.1	0.0	3.8	12.4	7.3	9.9	10.3	9.4	6.1	7.2	7.0
Nephritis	8.4	10.8	12.2	9.3	12.8	12.5	48.7	15.4	6.9	13.9	20.0	9.6	9.0	7.9	7.0	9.2
Assault (homicide)	7.7	23.6	2.7	7.6	20.4	3.2	0.0	23.1	7.3	7.9	34.5	7.7	7.0	3.4	3.9	4.9
Septicemia	4.7	9.3	7.6	6.2	9.9	0.0	0.0	6.0	3.6	6.3	9.8	7.4	4.2	9.2	3.1	7.3
HIV disease	0.9	1.9	0.4	3.4	0.0	0.0	0.0	13.8	1.0	0.4	0.0	0.5	0.6	0.0	0.1	0.6
Injury by firearms	17.2	22.2	16.2	22.2	38.5	13.3	43.8	11.9	15.6	28.3	38.6	19.4	14.6	2.9	25.9	8.9
Drug-induced deaths	38.4	38.4	40.1	35.7	44.7	29.9	29.4	87.9	37.5	34.2	49.0	43.9	30.0	42.3	47.2	29.6
Opioid-induced deaths	27.6	26.1	25.5	22.8	25.6	15.6	20.9	37.0	28.4	19.3	25.5	31.5	21.7	37.3	36.8	3.4
Alcohol-induced deaths	20.4	154.6	16.1	58.8	45.3	28.3	12.6	98.3	14.7	37.9	112.5	19.8	15.8	9.8	27.6	8.9
AVERAGE AGE AT DEATH	72.1	64.8	74.1	66.5	71.0	70.4	68.5	71.0	72.1	73.7	67.4	73.3	70.9	73.4	75.8	71.7
MEDIAN AGE AT DEATH	76.0	68.0	76.0	70.0	74.0	74.0	76.0	74.0	76.0	76.0	71.0	77.0	74.0	75.5	78.0	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, 2020

	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	1002.1	2128.2	1004.5	1028.5	1409.5	1140.1	941.6	1670.1	961.7	1166.4	1622.0	1020.4	879.9	940.0	964.8	1049.6
Cardiovascular disease	246.9	289.5	244.4	194.3	361.9	327.0	225.2	521.4	242.8	331.3	292.7	243.3	235.1	146.5	217.7	235.6
Diseases of heart	192.2	231.5	190.3	147.3	301.0	245.4	178.3	439.8	186.8	277.3	237.6	184.4	185.0	111.2	176.0	185.7
Coronary heart disease	143.4	159.2	139.6	103.2	257.7	175.6	134.1	375.4	138.1	220.4	168.2	132.2	140.1	89.4	137.3	151.9
Malignant neoplasms	156.1	112.3	181.7	139.5	198.9	144.8	243.0	177.0	152.3	193.5	132.1	158.4	152.9	109.4	172.4	142.7
Lung cancer	29.9	9.0	47.5	21.3	36.1	37.1	73.2	22.5	27.9	40.9	19.0	31.1	31.0	24.4	34.6	27.4
Prostate cancer	18.5	12.5	20.1	19.4	22.3	10.2	26.2	3.1	18.3	19.9	21.9	18.5	17.3	6.8	25.6	12.7
Colorectal cancer	14.2	7.7	19.2	14.5	20.0	5.8	23.5	29.2	14.7	17.5	10.1	13.8	12.5	12.2	11.5	8.9
Malignant melanoma of skin	3.5	3.1	1.9	2.2	11.8	4.5	0.0	0.0	3.8	4.8	0.0	2.7	1.8	0.0	6.2	1.2
Breast cancer	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.5	0.1	0.0	0.0	0.0	0.0
COVID-19⁺	118.3	518.2	107.4	171.1	168.8	159.9	41.9	86.2	112.3	81.5	320.8	102.5	80.5	243.7	62.7	266.6
Accident (unintentional injury)	100.6	290.1	93.0	116.7	148.8	103.3	119.4	308.0	95.7	73.5	185.0	109.9	79.9	98.0	93.7	84.4
Accidental poisoning	52.9	136.8	43.4	72.8	48.7	41.4	54.4	142.0	52.7	13.3	96.9	57.6	39.6	65.5	41.9	40.9
Motor vehicle accident	20.2	59.5	13.3	25.8	43.5	34.3	38.8	138.3	16.8	27.9	39.7	23.1	22.4	2.8	28.2	21.8
Accidental falls	14.2	39.5	19.0	6.6	5.1	18.7	0.0	13.8	14.3	10.9	26.9	16.5	9.1	23.2	15.7	1.9
Accidental drowning	1.9	2.1	0.8	0.9	17.2	0.0	0.0	3.2	2.2	1.6	0.0	1.3	0.9	3.3	0.0	1.8
Chronic lower respiratory diseases	41.2	38.6	59.1	40.6	37.0	41.3	26.2	24.5	38.7	71.6	54.5	37.0	36.6	31.8	52.1	34.4
Diabetes	36.0	110.8	33.1	37.4	56.5	82.1	38.4	44.3	33.1	31.1	64.4	38.9	44.3	47.6	23.5	42.6
Cerebrovascular disease	34.8	38.4	37.5	31.6	35.6	53.6	47.0	59.4	35.5	38.0	38.9	38.1	29.9	25.0	26.2	27.4
Intentional self-harm (suicide)	28.8	74.3	35.5	46.6	52.0	24.9	87.1	24.6	25.0	41.5	68.1	31.0	23.7	14.3	51.0	17.0
Alzheimer's disease	27.1	14.1	18.3	21.2	23.9	28.0	0.0	12.6	29.7	27.9	25.0	23.6	22.4	7.5	31.5	23.4
Chronic liver disease and cirrhosis	21.6	90.1	18.1	31.9	65.7	37.1	24.6	115.0	17.0	37.3	73.8	23.8	20.1	21.3	28.4	17.5
Parkinson's disease	15.6	15.6	10.1	10.1	11.8	11.8	0.0	3.2	18.5	11.3	16.7	15.6	10.7	11.4	10.0	8.2
Influenza and pneumonia	15.1	50.1	14.4	15.8	9.1	23.5	0.0	41.7	14.2	16.4	22.6	17.0	13.5	15.0	11.6	16.9
Essential (primary) hypertension and hypertensive renal disease	13.3	11.3	9.5	13.5	12.2	16.0	0.0	8.7	14.0	9.0	13.5	13.1	16.9	10.3	9.3	13.4
Assault (homicide)	12.1	34.9	5.3	13.1	23.7	5.4	0.0	9.1	11.6	12.1	56.8	12.6	8.9	2.8	6.7	6.9
Nephritis	9.8	15.6	11.2	5.7	17.2	21.8	93.9	18.3	7.9	17.4	15.8	10.8	11.4	11.4	11.5	9.6
Septicemia	5.1	16.3	5.7	3.1	6.6	0.0	0.0	9.1	3.7	5.8	10.9	9.6	5.0	14.7	2.6	7.2
HIV disease	1.5	3.8	0.0	6.8	0.0	0.0	0.0	26.3	1.7	0.9	0.0	0.8	1.2	0.0	0.3	0.0
Injury by firearms	29.4	38.8	28.2	43.5	53.5	24.5	87.1	24.6	26.7	48.9	63.5	33.0	22.8	6.8	43.4	14.8
Drug-induced deaths	54.7	56.4	48.0	53.7	50.2	41.4	54.4	132.9	55.2	38.2	64.7	60.2	40.2	70.9	63.3	41.3
Opioid-induced deaths	39.4	35.9	26.1	37.5	33.9	27.2	38.8	38.2	41.6	23.4	33.0	42.3	31.1	60.1	51.4	5.4
Alcohol-induced deaths	27.7	208.8	15.3	78.9	59.6	33.0	24.6	188.8	19.9	49.3	148.1	30.0	20.3	15.2	33.9	12.2
AVERAGE AGE AT DEATH	69.5	61.9	72.1	63.4	69.0	68.3	66.3	69.3	69.0	72.4	64.4	70.7	69.2	72.8	73.9	70.4
MEDIAN AGE AT DEATH	73.0	65.0	75.0	67.0	72.0	73.0	76.0	72.0	73.0	75.0	68.0	74.0	73.0	74.0	77.0	74.0

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, 2020

	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	694.1	1223.5	709.6	694.1	880.8	779.9	603.7	740.9	668.1	824.9	1174.9	696.3	645.7	593.7	698.3	742.7
Cardiovascular disease	167.8	187.0	194.3	103.1	216.9	152.9	223.3	191.8	164.7	196.2	216.2	165.2	167.3	129.3	164.5	178.7
Diseases of heart	118.1	147.2	145.2	70.4	160.8	101.3	181.8	147.4	115.6	143.8	142.9	114.2	123.6	94.5	113.2	116.8
Coronary heart disease	79.4	98.6	88.5	42.8	121.5	65.1	151.4	127.4	76.0	105.4	90.2	76.5	80.4	68.2	83.6	91.2
Malignant neoplasms	117.2	106.4	114.3	109.9	123.9	119.6	156.3	106.2	114.5	137.7	115.4	118.4	117.7	94.8	143.6	112.9
Lung cancer	24.2	14.0	22.6	14.2	24.0	26.5	50.6	23.4	24.1	38.5	23.7	21.0	23.8	10.2	32.1	21.9
Breast cancer	18.5	5.8	25.5	23.6	21.0	16.2	0.0	25.4	18.2	25.4	21.7	16.8	19.8	16.1	22.3	14.0
Colorectal cancer	11.4	13.1	7.7	7.4	10.4	17.4	0.0	4.2	10.8	13.1	12.7	12.8	11.7	19.2	15.7	11.5
Cervical cancer	1.7	2.5	1.0	2.2	0.0	0.0	0.0	0.0	1.7	1.8	2.9	1.9	2.5	0.0	0.8	2.1
Malignant melanoma of skin	1.2	0.0	0.8	1.4	0.0	0.0	0.0	0.0	1.3	0.8	1.4	1.0	1.0	0.0	2.9	1.5
COVID-19[†]	69.2	309.0	64.3	118.9	97.6	92.5	51.5	49.9	63.2	62.8	247.5	59.7	55.0	88.9	40.2	146.8
Accident (unintentional injury)	42.4	98.7	36.0	52.1	43.7	63.3	25.3	79.3	38.0	39.9	88.9	49.9	37.6	39.8	54.4	42.3
Accidental poisoning	19.1	22.8	25.7	21.9	15.1	15.0	0.0	22.0	17.4	13.5	34.3	24.6	17.2	16.7	22.9	17.3
Accidental falls	10.5	13.0	5.3	12.8	6.8	17.3	0.0	16.6	10.1	9.7	13.3	13.9	6.7	5.5	12.2	2.9
Motor vehicle accident	7.8	32.7	1.8	14.0	6.5	21.9	25.3	29.1	6.0	9.0	27.0	8.4	9.0	17.6	13.8	11.6
Accidental drowning	0.8	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.9	0.0	0.0	0.2	1.8	0.0	3.2	0.0
Alzheimer's disease	40.5	11.8	26.4	24.6	30.5	61.3	11.2	28.4	43.6	50.2	53.5	34.3	37.5	33.7	39.5	34.6
Chronic lower respiratory diseases	36.8	28.9	31.4	31.0	52.6	56.6	11.2	35.8	36.1	73.0	43.2	32.9	34.5	11.0	43.2	22.4
Cerebrovascular disease	33.8	25.8	31.5	18.0	33.1	37.6	41.5	36.1	33.2	38.3	51.5	37.6	28.3	21.7	37.8	29.9
Diabetes	20.7	59.8	20.6	24.7	23.7	34.1	19.2	35.6	20.1	20.8	40.9	19.7	21.6	13.3	11.7	26.3
Chronic liver disease and cirrhosis	13.4	71.1	16.1	17.3	46.8	32.8	47.0	8.2	9.8	18.2	67.4	15.1	14.0	16.4	18.1	10.1
Essential (primary) hypertension and hypertensive renal disease	11.0	14.0	11.1	6.2	15.3	9.1	0.0	4.2	11.8	6.0	16.2	8.2	10.9	10.7	7.8	24.6
Influenza and pneumonia	9.6	24.6	10.9	6.6	6.7	4.0	0.0	28.0	9.3	9.5	15.2	10.6	7.9	13.6	6.4	11.5
Intentional self-harm (suicide)	8.0	26.9	8.7	7.4	29.3	0.0	0.0	0.0	6.7	15.8	17.5	9.8	6.3	2.4	10.4	4.5
Nephritis	7.2	8.0	12.9	11.6	8.5	4.5	18.3	14.4	6.1	10.2	23.5	8.7	6.5	5.8	3.4	8.8
Parkinson's disease	6.8	6.8	5.4	14.0	9.9	0.0	0.0	4.5	7.6	3.4	4.1	6.2	8.1	2.4	4.8	5.9
Septicemia	4.4	4.0	9.0	8.2	13.0	0.0	0.0	3.4	3.5	6.9	8.3	5.2	3.5	5.1	3.4	7.5
Assault (homicide)	3.2	11.6	0.0	1.9	17.1	0.0	0.0	36.1	3.0	3.5	11.1	2.8	4.6	4.3	1.1	2.6
HIV disease	0.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.3	0.0	0.0	0.0	1.2
Injury by firearms	5.2	6.3	4.0	0.7	23.6	0.0	0.0	0.0	4.8	7.0	12.4	6.1	5.3	0.0	8.3	2.6
Drug-induced deaths	21.7	18.6	31.8	16.8	39.2	15.0	0.0	40.6	19.7	29.5	32.6	27.7	17.7	16.7	29.7	16.6
Opioid-induced deaths	15.4	15.0	24.2	7.5	17.2	0.0	0.0	36.1	15.0	14.4	17.5	20.4	10.1	16.7	20.8	1.0
Alcohol-induced deaths	13.3	100.5	17.1	38.8	31.4	23.8	0.0	8.2	9.8	26.6	75.9	10.3	10.8	5.2	21.9	5.9
AVERAGE AGE AT DEATH	75.4	68.9	76.6	70.7	73.6	73.1	71.2	74.0	75.7	75.5	71.0	76.4	73.2	74.1	78.0	73.4
MEDIAN AGE AT DEATH	79.0	72.0	79.0	74.0	77.0	76.0	75.0	75.0	79.0	77.0	75.0	80.0	76.0	78.0	80.0	77.0

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; [†] The COVID-19 data collection began in mid-March 2020.