

**TABLE 5E-11  
AGE-ADJUSTED<sup>a</sup> MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH  
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>PER 100,000 TOTAL POPULATION (BOTH GENDERS):</b>																
<b>Total, all causes</b>	696.6	913.5	747.0	696.5	959.5	756.1	522.8	750.0	676.6	904.9	844.6	706.0	604.9	510.0	737.6	550.2
<b>Cardiovascular disease</b>	190.8	184.0	200.7	174.2	275.0	225.6	179.1	190.2	183.5	289.7	192.6	197.2	165.3	158.9	187.1	166.8
<b>Diseases of heart</b>	142.5	140.0	151.2	131.9	216.7	148.4	138.5	152.0	134.2	241.8	148.7	148.8	120.8	113.5	139.5	119.9
<b>Coronary heart disease</b>	106.2	106.7	98.3	99.6	152.3	94.7	85.7	126.5	101.0	196.3	99.6	107.0	90.1	88.8	100.4	94.5
<b>Malignant neoplasms</b>	140.7	108.3	162.3	130.9	149.4	153.1	80.8	137.8	141.0	192.0	136.1	136.6	126.1	88.7	149.7	104.2
<b>Lung cancer</b>	31.4	18.0	33.5	20.7	20.8	17.9	20.9	40.2	31.0	57.5	24.4	30.3	27.3	16.0	32.0	25.8
<b>Colorectal cancer</b>	12.9	8.6	20.9	13.5	4.9	20.6	0.0	14.7	13.2	18.3	16.0	11.3	9.7	6.2	9.5	13.6
<b>Breast cancer</b>	10.4	7.1	16.3	7.6	11.1	7.9	0.0	3.1	10.9	15.9	5.8	10.6	6.2	5.8	11.2	4.4
<b>Prostate cancer</b>	8.3	6.5	11.4	5.9	12.6	5.9	11.1	3.6	8.1	10.7	10.5	8.3	8.3	3.5	8.1	6.6
<b>Malignant melanoma of skin</b>	2.4	0.0	4.2	2.7	3.1	0.0	0.0	3.1	2.2	3.6	2.6	2.5	2.7	1.4	2.7	1.8
<b>Cervical cancer</b>	1.1	0.0	1.9	1.3	0.0	3.4	0.0	0.0	1.2	1.0	1.6	1.0	0.9	0.0	1.6	0.0
<b>Accident (unintentional injury)</b>	53.7	142.2	51.3	65.9	96.3	43.4	29.3	118.7	48.5	64.6	100.6	57.1	39.8	40.7	52.7	46.4
<b>Accidental poisoning</b>	18.6	43.7	18.2	23.8	42.1	18.0	0.0	42.1	15.7	26.0	36.9	22.9	13.1	8.8	21.2	18.0
<b>Motor vehicle accident</b>	13.9	62.0	16.5	20.8	19.8	16.0	18.2	22.5	12.1	13.5	30.8	12.6	15.3	14.3	10.7	9.7
<b>Accidental falls</b>	13.4	7.3	8.9	9.3	19.5	0.0	11.1	7.6	14.1	10.2	18.6	15.0	6.6	15.4	17.4	7.3
<b>Accidental drowning</b>	1.5	4.7	0.0	1.7	5.5	2.4	0.0	0.0	1.6	3.8	1.6	1.3	0.5	0.0	0.8	1.4
<b>Chronic lower respiratory diseases</b>	45.0	25.5	51.9	40.3	62.2	46.2	52.1	29.7	45.6	56.8	44.5	39.0	43.6	22.4	61.3	26.4
<b>Alzheimer's disease</b>	37.3	17.1	21.8	33.3	21.8	29.5	22.5	17.6	41.2	31.2	22.9	38.9	25.6	30.7	44.3	18.5
<b>Cerebrovascular disease</b>	30.7	32.2	31.9	32.7	42.9	53.8	29.5	35.2	29.7	30.5	23.7	32.5	25.3	32.0	36.4	34.6
<b>Diabetes</b>	24.5	46.7	19.8	20.0	31.5	37.4	35.2	41.2	23.5	24.4	27.9	27.2	27.2	29.7	13.6	28.1
<b>Intentional self-harm (suicide)</b>	17.7	25.9	17.7	15.8	25.4	30.5	16.4	22.2	15.9	27.7	32.0	17.2	15.5	9.7	32.7	13.2
<b>Chronic liver disease and cirrhosis</b>	15.1	39.6	15.3	30.0	55.9	23.6	7.2	56.8	11.2	25.3	40.0	15.7	15.8	13.8	23.0	14.5
<b>Essential (primary) hypertension and hypertensive renal disease</b>	12.2	9.3	6.6	4.7	10.0	14.3	0.0	0.0	14.3	12.1	11.3	9.6	14.6	13.4	6.6	4.7
<b>Influenza and pneumonia</b>	10.4	22.5	19.4	9.1	10.3	18.5	0.0	7.4	8.6	13.8	18.5	12.8	8.7	5.2	9.4	16.2
<b>Parkinson's disease</b>	8.7	9.6	5.8	8.0	4.4	5.9	0.0	3.6	9.6	4.9	5.4	8.3	8.9	3.5	10.3	6.2
<b>Assault (homicide)</b>	6.3	13.1	5.4	5.7	14.2	0.0	0.0	12.8	6.1	9.1	10.1	5.9	5.5	3.5	3.0	4.9
<b>Septicemia</b>	6.2	9.8	15.9	5.5	8.3	16.3	0.0	0.0	4.2	10.8	13.3	8.0	6.4	4.8	5.4	15.3
<b>Nephritis</b>	5.8	14.0	18.0	9.0	16.4	24.8	0.0	3.1	3.5	11.2	14.8	7.3	7.7	0.0	6.3	7.4
<b>HIV disease</b>	1.4	0.0	1.2	0.6	1.0	0.0	0.0	9.8	1.4	1.1	0.0	1.9	1.7	0.0	0.8	0.9
<b>Injury by firearms</b>	15.3	9.4	18.6	8.4	11.2	17.8	0.0	37.5	14.6	25.8	22.3	14.4	15.4	5.4	19.1	10.3
<b>Drug-induced deaths</b>	20.1	7.2	19.1	14.5	41.0	20.2	0.0	39.1	17.8	30.8	22.9	25.4	14.7	8.8	27.8	20.9
<b>Opioid-induced deaths**</b>	11.1	4.1	15.1	4.4	16.8	5.7	0.0	36.5	10.3	20.4	6.2	17.3	8.1	8.8	9.0	0.0
<b>Alcohol-induced deaths</b>	17.6	87.9	14.1	48.0	66.1	19.2	7.2	26.9	14.0	22.4	65.9	17.1	14.7	8.0	18.1	6.6
<b>AVERAGE AGE AT DEATH</b>	72.9	64.0	74.5	67.3	71.9	70.2	70.4	70.1	72.9	73.7	68.1	74.3	71.1	75.5	76.2	73.3
<b>MEDIAN AGE AT DEATH</b>	76.0	68.0	77.0	70.0	74.0	74.0	70.5	73.0	76.0	75.0	72.0	77.0	73.0	79.0	78.0	77.0

**TABLE 5E-11 (continued)**  
**AGE-ADJUSTED<sup>a</sup> MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH**  
**FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>PER 100,000 MALES:</b>																
<b>Total, all causes</b>	824.8	1162.1	876.7	867.0	1156.8	939.9	802.2	928.6	796.6	1024.0	1047.9	853.8	686.8	616.2	874.6	658.3
<b>Cardiovascular disease</b>	230.7	214.4	226.8	225.4	324.8	287.2	313.1	260.5	221.1	345.4	252.5	240.7	193.5	188.2	224.8	204.9
<b>Diseases of heart</b>	180.5	171.1	181.0	171.8	263.4	220.9	242.6	212.0	170.3	295.5	205.6	187.6	144.1	145.3	176.1	159.6
<b>Coronary heart disease</b>	140.6	136.2	127.1	130.6	191.7	155.8	157.8	180.2	134.1	239.4	129.2	142.5	115.9	122.4	135.0	129.6
<b>Malignant neoplasms</b>	166.3	125.5	191.5	134.7	184.4	166.9	114.9	155.5	167.8	206.6	162.0	167.1	144.7	96.2	172.2	134.1
<b>Lung cancer</b>	36.6	26.5	40.5	22.7	22.2	20.3	42.4	36.5	36.9	58.5	32.5	36.2	30.6	17.3	34.6	33.0
<b>Prostate cancer</b>	18.8	15.1	24.6	13.3	28.2	14.0	35.2	7.0	18.7	22.2	22.7	19.3	17.4	8.6	18.0	13.7
<b>Colorectal cancer</b>	15.4	2.1	25.1	15.9	9.7	15.8	0.0	16.2	15.6	20.9	21.5	15.2	11.2	9.7	10.6	18.3
<b>Malignant melanoma of skin</b>	3.5	0.0	7.3	4.1	6.4	0.0	0.0	6.5	3.6	3.5	1.2	3.6	2.8	0.0	3.4	2.9
<b>Breast cancer</b>	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4	0.4	0.0	0.0	0.0
<b>Accident (unintentional injury)</b>	73.1	203.7	59.4	100.2	127.2	62.6	52.8	151.9	65.7	80.5	154.3	79.9	50.3	60.1	65.9	58.6
<b>Accidental poisoning</b>	26.1	71.0	21.5	39.8	47.9	25.4	0.0	66.9	21.9	34.5	60.5	32.3	15.4	18.4	31.7	21.3
<b>Motor vehicle accident</b>	20.1	77.2	19.6	31.8	34.1	19.9	17.5	9.0	17.8	15.4	50.8	18.9	20.6	25.0	14.7	14.2
<b>Accidental falls</b>	15.5	9.6	10.2	9.1	21.8	0.0	35.2	12.4	16.2	11.7	24.2	19.0	6.6	12.0	13.6	11.1
<b>Accidental drowning</b>	2.2	6.6	0.0	3.5	5.9	4.3	0.0	0.0	2.1	6.3	3.2	1.9	1.0	0.0	1.5	2.8
<b>Chronic lower respiratory diseases</b>	47.6	28.3	64.1	42.5	73.2	46.7	72.0	41.7	48.0	58.4	52.5	40.1	44.7	31.6	64.1	30.1
<b>Diabetes</b>	31.5	68.6	30.5	25.6	39.2	57.5	55.7	66.9	29.8	25.2	29.2	36.8	36.7	35.5	19.5	33.9
<b>Alzheimer's disease</b>	31.1	13.6	28.0	25.7	9.0	29.5	24.0	14.5	34.4	23.8	22.3	33.3	16.4	32.5	40.3	16.7
<b>Cerebrovascular disease</b>	29.9	27.3	24.4	41.0	37.3	25.4	35.2	42.7	28.7	32.8	23.1	33.6	24.9	26.9	35.4	33.5
<b>Intentional self-harm (suicide)</b>	28.0	42.1	26.8	30.4	44.4	57.0	30.8	31.5	25.2	42.5	49.0	25.8	23.2	16.2	57.0	17.9
<b>Chronic liver disease and cirrhosis</b>	19.8	53.8	16.0	33.5	64.3	31.3	0.0	28.8	14.2	34.8	54.2	21.5	24.2	23.3	27.9	21.6
<b>Essential (primary) hypertension</b>	13.4	13.6	7.8	4.5	13.5	26.2	0.0	0.0	15.3	10.6	16.0	11.3	17.5	16.0	8.5	4.3
<b>Parkinson's disease</b>	12.9	19.1	10.3	15.5	7.0	7.4	0.0	7.0	14.3	6.0	10.2	13.1	13.1	0.0	15.9	6.7
<b>Influenza and pneumonia</b>	11.8	28.3	23.0	6.1	14.5	34.9	0.0	10.7	10.3	11.2	17.8	13.8	9.4	4.6	9.8	19.7
<b>Assault (homicide)</b>	9.9	22.9	9.4	9.2	23.6	0.0	0.0	2.7	9.7	14.5	15.6	9.8	7.6	7.7	3.8	6.2
<b>Septicemia</b>	7.1	12.8	21.5	8.4	14.9	25.4	0.0	0.0	4.4	11.9	19.8	9.6	5.1	3.0	4.3	19.4
<b>Nephritis</b>	6.9	18.8	24.3	17.1	28.1	34.2	0.0	0.0	3.9	12.5	14.6	7.8	7.3	0.0	9.6	8.1
<b>HIV disease</b>	2.5	0.0	2.3	1.3	2.1	0.0	0.0	18.9	2.4	2.2	0.0	2.9	2.8	0.0	1.7	1.7
<b>Injury by firearms</b>	25.6	13.3	28.2	14.5	20.8	34.0	0.0	61.5	25.0	40.3	33.6	23.1	24.9	6.6	35.1	14.6
<b>Drug-induced deaths</b>	26.6	14.4	23.5	24.3	40.1	29.8	0.0	60.4	23.5	37.3	36.7	34.7	16.8	18.4	40.7	23.0
<b>Opioid-induced deaths<sup>++</sup></b>	14.5	8.2	18.8	7.3	24.5	9.8	0.0	55.0	13.4	23.8	10.0	22.4	9.9	18.4	13.9	0.0
<b>Alcohol-induced deaths</b>	25.5	133.0	16.5	73.1	88.8	26.9	0.0	26.1	19.3	34.0	101.8	26.6	20.7	17.4	25.0	9.5
<b>AVERAGE AGE AT DEATH</b>	70.3	61.6	73.3	64.1	70.0	66.9	70.9	69.2	70.1	72.0	65.6	71.5	69.7	71.2	73.9	71.4
<b>MEDIAN AGE AT DEATH</b>	73.0	65.0	75.0	67.0	72.0	70.5	71.0	72.0	73.0	73.0	69.0	74.0	72.0	76.0	76.0	75.0

**TABLE 5E-11 (continued)**  
**AGE-ADJUSTED<sup>a</sup> MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH**  
**FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>PER 100,000 FEMALES:</b>																
<b>Total, all causes</b>	581.1	688.4	625.5	539.4	774.2	589.2	323.0	571.4	572.7	788.1	653.3	576.1	522.8	421.0	612.1	447.3
<b>Cardiovascular disease</b>	155.9	158.2	174.5	127.8	226.0	179.2	93.6	122.0	152.0	234.8	141.6	160.2	137.1	134.6	153.4	131.1
<b>Diseases of heart</b>	109.8	113.7	122.2	95.6	170.2	91.6	55.0	93.1	104.7	189.6	100.2	116.7	97.6	85.0	108.0	83.1
<b>Coronary heart disease</b>	76.8	81.5	71.8	70.4	115.9	42.4	38.8	74.9	73.9	154.5	74.1	78.0	64.9	60.6	70.4	62.4
<b>Malignant neoplasms</b>	120.0	95.6	137.1	130.5	119.6	142.8	60.6	120.8	120.2	179.2	116.1	112.9	109.8	83.5	131.2	76.3
<b>Lung cancer</b>	26.9	11.5	27.0	18.4	19.2	14.3	0.0	43.1	26.4	56.6	16.9	25.6	24.0	15.3	30.0	19.0
<b>Breast cancer</b>	19.4	13.3	32.1	14.1	21.0	17.1	0.0	5.8	19.9	31.1	10.9	19.3	11.8	10.8	21.2	8.5
<b>Colorectal cancer</b>	10.6	14.4	16.5	12.3	1.5	26.2	0.0	13.3	11.2	15.4	11.5	7.9	8.3	3.2	8.5	9.1
<b>Cervical cancer</b>	2.1	0.0	3.6	2.5	0.0	8.1	0.0	0.0	2.2	2.0	3.2	1.9	1.6	0.0	3.2	0.0
<b>Malignant melanoma of skin</b>	1.4	0.0	1.1	1.5	0.0	0.0	0.0	0.0	1.1	3.8	4.1	1.6	2.7	2.5	1.9	0.7
<b>Chronic lower respiratory diseases</b>	42.9	23.0	40.3	37.9	53.9	48.2	32.3	16.6	43.9	55.4	38.0	37.8	42.2	15.4	58.9	22.8
<b>Alzheimer's disease</b>	41.5	20.1	16.5	39.4	31.6	32.3	16.2	20.8	45.4	37.3	22.4	42.5	33.5	28.4	47.0	20.1
<b>Accident (unintentional injury)</b>	34.9	83.3	44.2	29.2	64.2	17.8	19.2	83.0	32.3	49.1	45.6	35.9	28.6	21.5	38.4	34.4
<b>Accidental falls</b>	11.7	5.9	7.8	8.0	15.9	0.0	0.0	3.3	12.4	8.7	12.5	11.9	6.6	17.5	20.2	3.9
<b>Accidental poisoning</b>	11.0	17.3	14.7	7.6	35.9	7.4	0.0	15.7	9.5	17.2	12.7	13.6	10.6	0.0	10.7	14.8
<b>Motor vehicle accident</b>	7.8	47.2	13.6	9.3	5.5	10.4	19.2	36.1	6.7	12.0	10.8	6.6	9.3	4.1	6.7	5.6
<b>Accidental drowning</b>	0.8	2.6	0.0	0.0	5.5	0.0	0.0	0.0	1.0	1.1	0.0	0.8	0.0	0.0	0.0	0.0
<b>Cerebrovascular disease</b>	30.9	35.2	38.1	26.0	48.7	77.4	38.6	28.8	30.0	28.2	24.5	30.9	25.6	38.4	36.0	35.2
<b>Diabetes</b>	18.4	26.8	9.6	14.3	26.8	19.0	15.7	15.7	18.4	23.7	26.5	18.7	18.0	25.4	8.1	22.8
<b>Essential (primary) hypertension</b>	11.0	6.6	5.6	4.2	7.0	5.1	0.0	0.0	13.4	12.9	7.1	8.0	11.5	11.3	5.0	5.1
<b>Chronic liver disease and cirrhosis</b>	10.8	26.4	14.9	26.5	47.6	16.2	15.7	86.7	8.5	16.1	26.5	10.4	6.9	5.2	18.6	8.0
<b>Influenza and pneumonia</b>	9.4	18.0	15.7	11.4	7.3	5.1	0.0	4.1	7.3	16.5	18.0	12.0	8.4	5.9	9.1	13.1
<b>Intentional self-harm (suicide)</b>	7.9	8.5	9.2	1.5	7.4	0.0	0.0	12.6	7.2	12.6	14.3	8.9	7.5	4.1	9.4	8.3
<b>Septicemia</b>	5.5	6.9	11.4	3.2	3.4	9.6	0.0	0.0	4.1	10.1	7.8	6.8	7.8	5.9	6.8	11.1
<b>Parkinson's disease</b>	5.4	2.1	1.8	2.5	3.0	5.1	0.0	0.0	6.1	4.0	1.5	4.7	5.1	6.4	5.7	5.7
<b>Nephritis</b>	4.9	10.0	12.9	2.0	4.7	15.3	0.0	6.5	3.2	9.9	14.2	6.7	7.9	0.0	3.5	6.8
<b>Assault (homicide)</b>	2.5	3.0	1.0	2.0	4.6	0.0	0.0	23.7	2.5	3.6	4.5	1.9	3.1	0.0	2.0	3.4
<b>HIV disease</b>	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.0	0.4	0.0	0.0	0.0
<b>Injury by firearms</b>	5.4	5.4	9.1	2.0	2.0	0.0	0.0	12.6	4.8	11.1	10.8	6.0	5.3	4.1	3.7	5.6
<b>Drug-induced deaths</b>	13.5	0.0	14.7	4.4	41.4	7.4	0.0	15.7	12.3	23.7	8.7	16.2	12.2	0.0	14.9	19.1
<b>Opioid-induced deaths<sup>++</sup></b>	7.6	0.0	11.0	1.2	8.7	0.0	0.0	15.7	7.1	16.6	2.2	12.3	6.0	0.0	4.1	0.0
<b>Alcohol-induced deaths</b>	10.2	44.8	11.9	23.9	43.2	11.8	15.7	28.3	9.1	11.0	30.4	8.4	8.3	0.0	12.0	3.8
<b>AVERAGE AGE AT DEATH</b>	75.9	67.4	76.1	71.9	74.4	75.0	69.5	71.8	76.0	75.7	71.6	77.5	73.0	80.1	78.9	76.0
<b>MEDIAN AGE AT DEATH</b>	79.0	73.5	79.0	75.0	77.0	77.0	69.0	74.0	80.0	77.0	76.0	81.0	75.0	82.0	81.0	79.0

Notes: <sup>a</sup> 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; <sup>++</sup> First ever published sub-category of drug-induced deaths.