

**TABLE 2B-3  
AGE-ADJUSTED\* MORTALITY RATES FOR SELECTED CAUSES OF DEATH BY RACE/ETHNICITY AND GENDER,  
ARIZONA, 1980, 1990, 2000-2002**

	All groups			White non-Hispanic			Hispanic			Black			American Indian			Asian		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
<b>Total, all causes</b>																		
1980	972.7	1241.9	755.9	962.0	1227.8	750.4	931.1	1160.5	743.7	1213.6	1502.6	952.0	1225.7	1589.1	900.6	551.7	706.6	418.8
1990	839.9	1056.7	666.4	833.8	1048.8	663.8	736.6	906.0	591.9	1092.7	1366.7	868.4	1043.2	1371.6	763.0	528.8	589.2	446.3
2000	785.6	941.1	654.6	776.6	930.6	647.3	769.9	926.0	642.4	1057.5	1263.1	890.3	1011.4	1240.4	818.7	504.1	544.0	451.5
2001	791.2	952.4	656.7	778.1	936.3	647.1	787.6	958.7	644.5	1050.6	1211.7	923.5	1010.5	1213.3	836.9	560.7	592.9	517.2
2002	796.4	964.8	658.0	786.7	948.7	654.4	811.1	1007.5	651.5	951.5	1170.1	759.6	975.1	1201.3	792.3	560.4	661.8	452.6
<b>Cardiovascular diseases</b>																		
1980	450.3	556.9	363.4	459.1	567.6	370.6	416.4	517.3	337.1	510.4	615.4	418.0	281.3	373.6	199.5	310.5	375.0	251.9
1990	338.6	410.6	280.7	343.6	417.5	284.2	285.7	347.2	236.0	446.1	492.3	411.6	269.0	365.5	190.7	188.2	180.4	189.7
2000	276.1	333.1	230.0	276.0	335.8	227.7	273.6	320.8	236.1	411.5	460.3	374.6	257.5	308.3	218.7	190.6	197.0	183.2
2001	267.3	321.6	223.0	265.8	322.0	220.1	281.4	325.8	242.8	388.1	422.3	354.6	234.1	275.6	202.5	184.3	190.8	179.9
2002	265.5	321.1	221.0	266.1	323.2	220.0	276.3	321.8	240.0	329.8	402.1	269.0	216.2	257.6	184.4	218.4	280.4	173.5
<b>-----Diseases of heart</b>																		
1980	346.3	444.5	266.2	353.6	454.3	271.8	307.3	395.1	237.0	392.5	462.7	328.2	236.1	323.6	159.3	268.1	375.0	177.0
1990	263.8	330.7	210.3	268.3	336.8	213.2	222.0	285.2	172.9	343.0	381.9	311.5	207.1	289.3	140.3	135.0	143.5	130.8
2000	206.1	259.3	163.6	207.2	263.2	162.5	204.7	247.2	171.4	289.5	312.8	267.0	183.8	229.5	148.5	132.3	146.1	118.8
2001	201.7	251.3	161.5	202.1	252.9	160.9	206.1	255.8	165.4	273.6	300.5	248.5	177.7	218.4	146.8	116.1	116.8	116.0
2002	201.0	253.6	158.9	203.0	257.8	159.0	201.2	239.2	170.5	237.0	311.6	178.6	164.0	201.2	134.3	145.6	177.8	122.0
<b>Malignant neoplasms</b>																		
1980	191.3	242.3	154.6	197.7	253.8	157.9	160.3	175.0	150.2	214.3	272.3	167.0	107.0	122.0	94.0	41.4	67.4	22.2
1990	190.4	238.8	156.2	195.1	245.9	160.0	162.6	185.3	143.4	244.2	360.7	155.6	122.1	123.1	121.0	109.3	132.4	86.1
2000	170.4	204.0	145.8	174.8	208.1	150.0	156.9	201.5	126.0	216.1	274.7	178.0	123.0	142.7	107.2	103.4	103.6	103.1
2001	169.2	199.8	147.5	173.1	203.7	151.4	155.6	196.8	126.9	213.0	247.6	195.0	121.7	128.8	115.4	147.0	175.5	127.1
2002	168.6	209.1	139.1	172.4	213.2	142.5	156.3	211.2	118.0	222.7	290.3	176.0	117.6	125.8	112.5	116.5	126.5	108.5
<b>-----Lung cancer</b>																		
1980	49.3	78.1	26.8	52.6	83.6	28.8	30.0	43.3	18.9	55.5	84.3	28.7	9.3	11.7	6.8	.0	.0	.0
1990	51.7	71.9	36.5	55.1	75.9	39.6	31.5	41.9	22.7	66.2	123.1	19.9	8.7	12.7	5.4	30.5	53.6	8.8
2000	46.1	59.2	35.8	49.1	61.9	39.1	31.6	49.6	18.1	65.8	79.8	52.1	8.9	13.1	5.5	29.6	29.0	29.8
2001	44.5	54.8	36.4	47.6	57.0	40.2	29.2	49.4	14.4	55.7	78.9	39.5	9.8	11.9	8.1	41.7	62.8	27.1
2002	46.6	58.6	37.1	50.1	62.4	40.4	27.7	40.0	18.3	61.2	74.7	49.5	13.1	13.4	13.0	24.7	24.5	24.6
<b>-----Colorectal cancer</b>																		
1980	22.9	26.7	19.9	24.4	28.6	21.0	15.3	18.0	13.0	14.1	12.4	14.7	3.6	2.4	4.5	13.4	33.3	.0
1990	19.4	22.1	17.1	19.9	23.3	17.1	17.4	14.7	18.3	24.8	20.1	29.9	1.1	2.4	.0	6.8	9.3	4.9
2000	17.0	20.5	14.1	17.4	20.7	14.6	16.4	20.5	13.5	16.3	26.3	9.7	8.2	15.1	2.7	6.6	12.9	2.2
2001	16.7	19.0	14.8	16.9	19.0	15.2	16.6	22.1	12.9	27.4	26.2	25.2	7.2	7.8	6.3	10.6	15.3	7.2
2002	16.5	20.6	13.4	16.9	21.0	13.6	16.2	23.4	11.7	26.4	36.4	19.8	9.1	7.9	9.3	9.7	13.9	7.0
<b>-----Female breast cancer</b>																		
1980	NA	NA	31.1	NA	NA	33.7	NA	NA	18.2	NA	NA	34.0	NA	NA	4.7	NA	NA	.0
1990	NA	NA	29.5	NA	NA	31.3	NA	NA	27.5	NA	NA	16.3	NA	NA	3.2	NA	NA	.0
2000	NA	NA	25.4	NA	NA	26.2	NA	NA	20.7	NA	NA	29.5	NA	NA	12.1	NA	NA	12.8
2001	NA	NA	23.6	NA	NA	24.7	NA	NA	17.5	NA	NA	55.8	NA	NA	11.7	NA	NA	12.7
2002	NA	NA	22.2	NA	NA	22.5	NA	NA	18.7	NA	NA	42.3	NA	NA	9.6	NA	NA	17.7
<b>-----Prostate cancer</b>																		
1980	NA	29.4	NA	NA	29.3	NA	NA	32.2	NA	NA	45.9	NA	NA	28.0	NA	NA	.0	NA
1990	NA	34.0	NA	NA	34.1	NA	NA	28.3	NA	NA	94.9	NA	NA	20.4	NA	NA	13.9	NA
2000	NA	28.4	NA	NA	28.0	NA	NA	30.0	NA	NA	74.8	NA	NA	27.1	NA	NA	8.9	NA
2001	NA	24.3	NA	NA	24.1	NA	NA	26.3	NA	NA	45.0	NA	NA	14.0	NA	NA	24.2	NA
2002	NA	24.8	NA	NA	24.1	NA	NA	35.3	NA	NA	48.6	NA	NA	12.5	NA	NA	8.4	NA
<b>Cerebrovascular diseases</b>																		
1980	74.9	75.9	73.8	76.4	76.0	75.8	72.5	79.8	68.2	89.3	105.8	77.0	36.2	50.0	23.5	42.4	.0	74.9
1990	54.6	54.6	54.1	55.0	54.7	54.8	45.2	40.7	46.9	76.6	84.7	73.2	48.8	63.0	37.5	44.7	23.5	54.5
2000	51.7	50.8	51.8	50.8	49.3	51.4	51.2	54.4	48.3	82.4	101.5	71.6	55.3	60.2	51.9	46.1	45.0	47.8
2001	47.7	48.3	46.8	46.2	47.1	45.0	55.4	50.8	57.7	79.6	80.0	76.2	44.3	46.6	42.9	51.1	49.2	52.1
2002	47.0	47.3	46.7	45.9	45.3	46.2	53.9	62.6	47.8	69.6	57.9	72.9	39.4	46.5	34.7	57.6	72.6	46.9
<b>Chronic lower respiratory diseases**</b>																		
1980	47.4	76.6	25.3	50.9	81.2	27.7	26.0	52.7	6.9	34.2	56.3	16.8	15.4	25.8	6.8	9.2	17.5	.0
1990	44.4	58.2	35.0	47.7	62.5	37.9	19.9	26.7	15.3	29.7	48.6	15.6	16.4	18.9	14.6	32.6	27.9	32.6
2000	47.4	56.2	41.3	51.1	59.8	44.8	24.4	38.2	15.9	30.4	38.4	26.3	21.9	28.9	17.9	12.7	7.8	16.5
2001	46.9	53.9	42.2	51.0	58.1	46.2	17.7	25.4	12.5	37.9	48.9	32.2	26.8	30.0	24.3	21.4	19.2	23.0
2002	47.0	57.1	40.3	50.4	59.4	44.5	25.2	46.6	11.2	38.3	59.0	21.9	22.3	30.1	17.0	24.5	45.8	9.0

**TABLE 2B-3 (continued)**  
**AGE-ADJUSTED\* MORTALITY RATES FOR SELECTED CAUSES OF DEATH BY RACE/ETHNICITY AND GENDER,**  
**ARIZONA, 1980, 1990, 2000-2002**

	All groups			White non-Hispanic			Hispanic			Black			American Indian			Asian		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
<b>Accidents (unintentional injuries)</b>																		
<b>1980</b>	57.9	86.0	31.8	52.2	75.8	30.1	58.8	91.3	28.6	51.5	72.2	29.6	186.1	313.2	71.2	45.5	72.0	20.9
<b>1990</b>	42.6	61.4	24.5	37.7	53.4	22.4	39.4	60.8	19.2	48.1	65.4	34.4	139.4	225.5	62.4	29.6	43.0	16.6
<b>2000</b>	41.1	58.0	24.9	36.9	51.5	23.3	41.6	60.8	22.5	49.7	75.8	22.7	113.1	165.2	67.4	24.1	24.4	21.4
<b>2001</b>	46.6	66.5	27.7	42.5	59.5	26.8	45.6	63.9	25.9	52.6	83.2	22.4	112.7	177.5	53.9	29.9	41.3	46.6
<b>2002</b>	45.2	62.8	28.8	41.5	56.8	27.8	45.5	64.6	26.2	44.0	58.5	28.5	111.0	168.4	60.4	15.5	13.8	15.6
<b>----Motor vehicle accidents</b>																		
<b>1980</b>	31.9	47.1	17.4	28.2	41.2	15.7	34.6	49.8	19.8	23.3	31.7	13.7	103.6	162.5	50.4	27.6	32.4	20.9
<b>1990</b>	23.6	33.1	14.3	20.1	27.9	12.6	21.1	31.7	10.9	27.4	34.7	20.9	82.2	130.6	38.8	18.2	26.3	11.7
<b>2000</b>	17.5	24.4	10.6	13.8	18.5	9.2	18.2	28.5	7.5	19.3	33.1	6.8	74.2	106.4	46.3	15.3	11.6	12.8
<b>2001</b>	17.2	24.2	10.1	13.5	18.5	8.5	18.2	26.3	9.4	19.1	28.8	7.2	63.2	88.8	38.3	8.6	7.7	9.9
<b>2002</b>	18.5	25.5	11.6	14.7	20.3	9.3	21.1	27.4	14.0	11.9	15.9	7.5	65.9	100.2	35.3	10.1	8.2	11.1
<b>Intentional self-harm (suicide)</b>																		
<b>1980</b>	17.5	27.9	8.1	18.5	28.7	9.3	11.3	21.1	2.0	10.9	16.8	4.5	18.6	33.1	5.6	8.7	19.6	.0
<b>1990</b>	19.0	32.6	6.5	20.9	36.1	7.2	9.4	16.6	2.8	12.5	17.2	7.7	20.1	39.1	2.6	7.9	4.6	10.1
<b>2000</b>	14.6	24.7	5.2	16.7	27.6	6.8	7.2	12.7	1.4	6.5	12.2	.0	16.2	29.7	3.7	5.7	12.3	.0
<b>2001</b>	11.5	19.1	4.4	12.8	21.0	5.1	5.9	9.9	1.6	9.2	15.2	2.4	15.4	26.4	5.2	9.4	15.4	4.7
<b>2002</b>	15.9	26.4	6.0	18.3	30.0	7.4	8.3	14.2	2.5	6.2	11.4	.0	17.9	31.7	4.9	4.1	9.1	.0
<b>Diabetes</b>																		
<b>1980</b>	16.0	14.4	16.9	12.8	13.0	12.6	28.3	16.3	37.4	44.5	6.3	73.7	74.6	58.4	89.1	22.4	16.7	27.9
<b>1990</b>	15.6	16.9	14.2	12.0	13.2	10.8	31.5	32.2	30.0	26.0	20.2	29.0	77.4	86.1	70.2	5.5	7.2	4.4
<b>2000</b>	19.0	21.0	17.2	14.9	17.4	12.6	41.1	41.9	40.6	46.0	40.9	47.4	74.6	74.1	74.2	19.5	10.9	26.1
<b>2001</b>	19.9	22.9	17.5	15.4	19.2	12.2	42.9	43.5	42.3	55.7	42.2	64.1	72.8	71.2	73.9	14.8	3.0	23.3
<b>2002</b>	22.3	25.6	19.7	18.0	21.8	15.1	45.6	49.1	42.6	41.0	46.4	37.2	80.8	69.2	88.6	21.9	15.7	26.3
<b>Chronic liver disease and cirrhosis</b>																		
<b>1980</b>	17.0	21.7	13.0	12.8	16.4	9.7	23.5	31.1	16.6	16.8	13.2	20.7	90.3	113.8	69.3	.0	.0	.0
<b>1990</b>	12.4	17.3	8.3	10.3	14.1	7.1	15.4	23.2	8.4	17.4	25.3	9.0	48.6	60.2	38.1	10.8	16.4	7.1
<b>2000</b>	12.8	17.7	8.3	10.4	14.9	6.4	15.8	20.5	11.0	6.6	7.1	5.9	61.7	80.2	45.3	4.1	6.9	2.2
<b>2001</b>	12.3	17.7	7.5	10.6	15.0	6.6	17.4	27.0	8.7	11.7	24.1	2.0	39.1	51.1	28.4	4.0	3.8	4.2
<b>2002</b>	12.1	15.6	8.9	9.9	11.9	8.0	21.6	31.9	12.3	9.8	14.6	5.5	40.5	55.6	27.5	5.3	2.9	7.0
<b>Assault (homicide)</b>																		
<b>1980</b>	10.4	15.0	5.8	7.3	9.4	5.3	15.9	25.2	6.2	48.3	71.3	21.4	25.3	40.6	11.6	2.8	6.7	.0
<b>1990</b>	8.1	12.2	4.0	5.7	7.8	3.6	10.4	18.6	2.2	31.3	48.1	12.1	17.7	27.8	8.7	4.8	4.1	6.0
<b>2000</b>	7.6	11.1	3.8	3.9	5.4	2.3	13.0	19.2	6.1	22.7	32.3	11.0	14.9	22.1	7.5	7.6	5.1	9.7
<b>2001</b>	8.7	13.7	3.6	4.3	6.1	2.6	15.5	24.8	5.0	22.2	35.7	6.8	17.2	24.8	10.0	4.9	9.7	1.2
<b>2002</b>	8.6	13.9	3.0	4.4	6.8	2.0	15.1	25.8	3.4	21.3	32.5	7.1	20.3	29.0	11.8	3.3	.0	5.8

\* Adjusted to the 2000 standard U.S. population.  
 \*\*Chronic obstructive pulmonary diseases in 1980 and 1990.

Note: The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). Beginning in 2000, the causes of death are classified by ICD-10, replacing the Ninth Revision (ICD-9) used in Arizona during 1979-1999. The rates for breast cancer are per 100,000 females. The rate for prostate cancer is per 100,000 males. Not shown above are mortality rates for septicemia, influenza and pneumonia, Alzheimer's disease and nephritis, nephrotic syndrome and nephrosis – the four causes for which the discontinuity on trend is substantial.