

**TABLE 2B-3
AGE-ADJUSTED* MORTALITY RATES FOR SELECTED CAUSES OF DEATH BY RACE/ETHNICITY
AND GENDER, ARIZONA, 1980, 1990, 2000-2003**

	All groups			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total, all causes																		
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
2003	784.0	942.8	651.5	764.9	921.4	636.0	839.5	1007.3	698.7	1048.6	1201.7	901.9	900.7	1057.7	761.4	497.2	522.0	478.7
Cardiovascular diseases																		
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
2003	258.4	310.3	215.8	257.2	309.3	214.2	278.2	339.9	230.3	390.1	426.5	348.3	188.6	239.3	150.6	145.3	137.2	150.7
-----Diseases of heart																		
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
2003	197.1	246.6	157.1	197.9	248.4	157.2	198.5	252.7	155.9	299.4	335.2	259.2	141.9	181.6	111.0	97.6	88.8	103.5
Malignant neoplasms																		
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
2003	169.4	208.3	141.3	171.2	212.4	141.2	168.5	209.2	140.1	218.5	245.6	200.8	120.7	112.6	126.7	132.9	132.8	132.6
-----Lung cancer																		
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
2003	47.4	61.0	37.1	50.6	64.0	40.3	33.5	49.6	21.5	59.4	80.8	45.6	13.2	17.2	10.3	21.9	26.3	18.5
-----Colorectal cancer																		
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
2003	17.9	21.8	14.7	17.9	22.0	14.4	21.2	25.5	17.9	26.3	22.3	28.2	6.3	10.2	3.7	3.0	4.8	1.8
-----Female breast cancer																		
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
2003	NA	NA	22.1	NA	NA	22.3	NA	NA	18.9	NA	NA	41.2	NA	NA	16.4	NA	NA	19.6
-----Prostate cancer																		
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
2003	NA	25.1	NA	NA	25.2	NA	NA	22.4	NA	NA	41.2	NA	NA	21.0	NA	NA	7.6	NA
Cerebrovascular diseases																		
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
2003	43.9	42.9	43.8	41.7	40.1	42.1	61.9	65.7	59.2	69.0	60.6	73.5	36.4	45.8	29.9	35.9	42.5	31.1

TABLE 2B-3 (continued)
AGE-ADJUSTED* MORTALITY RATES FOR SELECTED CAUSES OF DEATH BY RACE/ETHNICITY
AND GENDER, ARIZONA, 1980, 1990, 2000-2003

	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
Chronic lower respiratory diseases**																		
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
2003	45.4	53.8	40.0	48.3	56.5	42.9	28.7	39.9	22.1	30.3	39.7	23.1	19.4	20.8	18.4	15.5	34.4	2.1
Accidents (unintentional injuries)																		
1980	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
1990	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
2000	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
2001	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
2002	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
2003	44.8	61.6	28.8	40.9	55.2	27.6	44.7	63.3	26.3	52.4	69.8	35.0	108.6	153.5	66.3	25.3	35.2	17.8
-----Motor vehicle accidents																		
1980	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
1990	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
2000	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
2001	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
2002	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
2003	18.0	24.9	11.2	14.6	20.3	9.0	21.3	29.1	13.6	15.2	23.3	8.1	59.0	78.0	40.4	11.8	14.1	9.9
Intentional self-harm (suicide)																		
1980	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
1990	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
2000	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
2001	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
2002	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
2003	14.6	24.0	5.8	16.4	27.1	6.4	8.2	11.8	4.2	11.3	16.6	4.8	15.2	27.4	3.6	6.0	7.0	5.9
Diabetes																		
1980	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
1990	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
2000	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
2001	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
2002	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
2003	20.3	23.6	17.5	16.5	20.6	13.1	39.1	35.9	40.9	53.6	55.0	49.8	55.8	48.2	60.3	15.7	22.2	11.6
Chronic liver disease and cirrhosis																		
1980	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
1990	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
2000	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
2001	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
2002	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
2003	11.5	16.2	7.1	9.7	13.8	5.8	17.6	25.1	10.6	3.5	6.3	1.0	38.8	49.6	29.8	3.3	.0	5.8
Assault (homicide)																		
1980	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
1990	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
2000	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
2001	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
2002	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
2003	8.3	12.8	3.6	3.7	5.1	2.2	14.7	23.7	4.8	24.9	38.7	9.0	18.8	31.5	6.9	5.4	2.5	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 in trend is substantial.