

**TABLE 2B-2
AGE-ADJUSTED* MORTALITY RATES BY GENDER AND YEAR FOR SELECTED LEADING CAUSES OF DEATH,
ARIZONA, 1990-2000**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
TOTAL, ALL CAUSES												
Total	839.9	825.5	834.3	865.0	850.1	804.8	796.4	771.8	720.9	752.8	785.6	
Male	1056.7	1028.9	1054.7	1075.2	1049.8	966.0	958.8	916.7	860.3	896.9	941.1	
Female	666.4	661.0	656.3	691.4	681.7	659.1	652.8	641.2	596.2	624.8	654.6	
CARDIOVASCULAR DISEASE												
Total	338.6	324.5	327.0	338.3	323.3	299.5	289.6	277.5	255.7	262.7	276.1	
Male	410.6	389.8	396.9	404.0	384.1	347.9	342.6	320.3	302.4	311.0	333.1	
Female	280.7	269.1	269.5	282.4	270.2	255.3	242.6	238.2	214.1	219.8	230.0	
DISEASES OF HEART												
Total	263.8	251.2	255.5	263.9	247.7	229.3	218.0	207.6	189.4	194.6	206.1	
Male	330.7	313.9	319.7	329.4	305.4	278.1	269.9	251.0	235.1	241.0	259.3	
Female	210.3	199.3	202.8	209.6	198.6	185.9	173.3	169.0	149.3	154.2	163.6	
MALIGNANT NEOPLASMS												
Total	190.4	193.3	190.5	191.9	190.7	177.5	178.0	172.9	158.2	166.4	170.4	
Male	238.8	240.4	239.5	238.7	236.6	211.6	216.5	206.3	187.2	196.4	204.0	
Female	156.2	160.1	155.3	158.7	157.8	151.2	148.2	146.9	135.5	142.9	145.8	
CEREBROVASCULAR DISEASE												
Total	54.6	52.8	51.5	54.6	54.6	50.3	51.3	50.7	44.7	43.5	51.7	
Male	54.6	52.5	54.1	50.9	54.9	47.3	50.6	47.0	42.9	43.6	50.8	
Female	54.1	51.8	49.5	56.0	53.3	51.8	50.7	52.6	45.6	42.9	51.8	
CHRONIC LOWER RESPIRATORY DISEASES												
Total	44.4	45.1	43.1	47.7	44.3	44.6	44.9	47.3	43.3	45.7	47.4	
Male	58.2	61.5	56.4	62.2	57.7	52.5	51.8	56.5	51.2	52.8	56.2	
Female	35.0	34.2	34.1	37.4	35.6	38.4	39.8	40.4	37.4	40.6	41.3	
ACCIDENTS (UNINTENTIONAL INJURIES)												
Total	42.6	38.3	40.9	43.3	46.5	45.7	46.5	45.0	44.7	44.1	41.1	
Male	61.4	53.3	59.9	62.9	66.9	65.2	66.6	64.1	62.6	61.9	58.0	
Female	24.5	24.1	23.3	24.8	27.0	26.4	27.1	26.3	26.9	26.6	24.9	
MOTOR VEHICLE ACCIDENTS												
Total	23.6	20.4	20.5	20.4	22.0	23.7	23.3	20.9	20.8	19.9	17.5	
Male	33.1	27.8	29.3	28.4	31.3	32.7	32.7	28.7	28.0	27.9	24.4	
Female	14.3	13.2	12.3	12.7	13.0	14.7	14.2	13.0	13.6	11.9	10.6	
INFLUENZA AND PNEUMONIA												
Total	39.3(NA)	36.6(NA)	31.5(NA)	35.4(NA)	31.1(21.7)	27.3(19.1)	28.3(19.8)	26.8(18.7)	27.4(19.1)	32.9(23.0)	24.4	
Male	49.2(NA)	45.4(NA)	39.3(NA)	45.2(NA)	37.6(26.3)	32.3(22.6)	34.1(23.8)	29.8(20.8)	31.4(21.9)	39.8(27.8)	29.2	
Female	32.6(NA)	30.9(NA)	25.9(NA)	28.9(NA)	26.5(18.5)	23.5(16.4)	23.8(16.6)	24.2(16.9)	24.3(17.0)	27.5(19.2)	21.1	
ALZHEIMER'S DISEASE												
Total	6.2(NA)	6.8(NA)	7.9(NA)	9.2(NA)	9.3(14.4)	8.8(13.7)	10.3(16.0)	9.2(14.3)	9.1(14.1)	10.3(16.0)	21.8	
Male	6.5(NA)	5.9(NA)	7.9(NA)	7.4(NA)	9.2(14.3)	8.4(13.0)	8.0(12.4)	7.4(11.5)	7.1(11.0)	8.7(13.5)	17.5	
Female	6.0(NA)	7.3(NA)	7.8(NA)	10.3(NA)	9.3(14.4)	8.9(13.8)	11.6(18.0)	10.4(16.2)	10.2(15.8)	11.5(17.9)	24.2	

TABLE 2B-2 (continued)
AGE-ADJUSTED* MORTALITY RATES BY GENDER AND YEAR FOR SELECTED LEADING CAUSES OF DEATH,
ARIZONA, 1990-2000

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
DIABETES											
Total	15.6	16.2	17.4	16.6	18.7	18.3	19.5	19.7	18.8	20.0	19.0
Male	16.9	18.5	18.8	16.8	19.4	18.6	20.5	20.6	21.3	23.3	21.0
Female	14.2	14.5	16.2	16.5	17.8	18.0	18.9	18.8	16.5	17.3	17.2
INTENTIONAL SELF-HARM (SUICIDE)											
Total	19.0	17.9	17.4	19.1	20.2	19.8	17.2	17.7	17.7	15.8	14.6
Male	32.6	30.5	29.1	32.4	33.5	31.5	28.7	29.5	28.6	25.7	24.7
Female	6.5	6.4	6.6	7.0	7.6	8.8	6.4	6.4	7.1	6.5	5.2
CHRONIC LIVER DISEASE AND CIRRHOSIS											
Total	12.4	13.4	12.0	13.6	14.2	13.6	12.5	13.7	12.0	12.0	12.8
Male	17.3	18.0	16.2	18.7	19.6	18.3	16.5	19.0	17.2	16.9	17.7
Female	8.3	9.3	8.5	9.0	9.3	9.3	8.7	8.9	7.4	7.5	8.3
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS											
Total	8.7(NA)	8.8(NA)	10.5(NA)	9.4(NA)	8.4(10.3)	6.7(8.3)	7.0(8.6)	6.9(8.5)	6.9(8.5)	7.9(9.7)	11.7
Male	11.0(NA)	11.4(NA)	14.7(NA)	11.9(NA)	10.2(12.6)	7.2(8.9)	7.6(9.4)	8.1(10.0)	8.1(10.0)	9.9(12.2)	13.9
Female	6.9(NA)	7.1(NA)	7.6(NA)	7.7(NA)	7.2(8.9)	6.3(7.8)	6.6(8.1)	6.0(7.4)	6.0(7.4)	6.5(8.0)	10.4
SEPTICEMIA											
Total	6.1(NA)	6.7(NA)	7.0(NA)	7.1(NA)	5.6(6.7)	5.6(6.7)	6.0(7.2)	6.6(7.9)	5.5(6.6)	6.3(7.5)	6.7
Male	7.6(NA)	8.1(NA)	8.3(NA)	8.4(NA)	6.1(7.3)	6.8(8.1)	6.6(7.9)	7.4(8.8)	6.3(7.5)	7.4(8.8)	7.3
Female	4.9(NA)	5.8(NA)	6.3(NA)	6.3(NA)	5.2(6.2)	4.5(5.4)	5.5(6.6)	5.8(6.9)	4.9(5.9)	5.5(6.2)	6.1
ASSAULT (HOMICIDE)											
Total	8.1	8.6	8.9	9.5	11.5	12.1	10.2	9.6	9.5	8.7	7.6
Male	12.2	13.0	14.2	14.2	18.5	19.6	16.9	15.8	15.4	13.6	11.1
Female	4.0	4.5	4.3	5.0	4.7	5.2	4.1	4.2	4.3	4.7	3.8

*Adjusted to the 2000 standard U.S. population. The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). The causes of death for 2000 are classified by ICD-10. The causes of death for 1990-1999 are classified by the Ninth Revision (ICD-9). The rates are per 100,000 persons in specified gender group.

Measures of comparison between ICD-9 and ICD-10 – the “comparability ratios” - for the causes of death shown in this report are provided in the *Technical Notes*. Comparability ratio of 1.0 indicates that the same number of deaths would be assigned to a cause-of-death when ICD-9 or ICD-10 was used. For selected four causes of death the numbers in parentheses present **comparability modified data**: the annual number of deaths for 1994-1999 that would have been classified as influenza and pneumonia, Alzheimer’s disease, nephritis or septicemia, had the ICD-10 classification system and coding rules been in place. The comparability ratio for influenza and pneumonia is 0.6982, a decrease of about 30.2 percent due to ICD-10. The comparability ratio for Alzheimer’s disease is 1.5536, indicating a 55.4 percent increase in Alzheimer’s disease death when classified by ICD-10. The comparability ratio for nephritis is 1.2320, an increase of about 23.2 percent due to ICD-10. The comparability ratio for septicemia is 1.1949. The comparability ratios for other causes of death in the above table are within the 1.0 - 1.1 range.

NA: comparability ratio is not available for years before 1994.