

**TABLE 2C-20
MORTALITY RATES¹ FOR THE FIVE-LEADING CAUSES² OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
BY GENDER, ARIZONA, 1994-2004**

Gender/Cause	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% change from 1994
MALE												
Diseases of heart	281.3	266.0	253.0	239.0	240.9	225.3	202.0	197.4	206.1	196.7	196.7	-30.1
Malignant neoplasms	282.4	252.7	250.0	225.0	236.7	229.0	212.9	204.3	228.3	220.6	213.1	-24.5
Accidents (unintentional injuries)	68.8	60.0	64.4	65.4	66.3	74.0	65.8	66.6	70.9	68.8	75.7	10.0
Motor vehicle accidents	32.0	29.8	30.3	25.4	26.8	32.3	26.8	19.8	29.3	26.2	27.7	-13.4
Other than motor vehicle	36.8	30.2	34.1	40.0	39.5	29.0	39.0	46.8	41.6	42.6	48.0	30.4
Chronic lower respiratory diseases	32.8	34.2	32.5	37.2	33.3	41.7	28.0	27.8	27.9	21.3	24.4	-25.6
Chronic liver disease and cirrhosis	46.6	42.0	38.1	40.0	43.0	42.3	41.9	42.5	36.0	42.7	42.3	-9.2
ALL CAUSES	983.5	912.5	894.5	856.7	863.9	866.1	808.6	811.2	839.0	840.1	823.9	-16.2
(Number of all deaths)	(3504)	(3496)	(3667)	(3681)	(3894)	(4133)	(4190)	(4348)	(4637)	(4776)	(4906)	(40.0)
FEMALE												
Malignant neoplasms	223.7	211.5	192.1	195.8	190.7	192.5	181.5	185.4	179.2	181.3	179.4	-19.8
Diseases of heart	100.7	102.6	87.6	89.1	85.2	81.7	79.5	75.1	78.0	72.8	74.8	-25.7
Chronic lower respiratory diseases	24.9	25.7	23.7	27.8	22.3	23.5	20.6	25.7	19.9	22.5	18.5	-25.7
Cerebrovascular disease	20.4	21.3	18.7	20.0	19.4	19.5	21.7	14.9	15.1	15.2	16.9	-17.2
Accidents (unintentional injuries)	21.7	21.6	19.2	21.5	23.4	22.7	21.0	23.5	26.5	24.6	29.6	36.4
Motor vehicle accidents	11.6	12.9	12.6	12.8	13.2	11.7	10.3	9.6	12.2	11.9	11.8	1.7
Other than motor vehicle	10.0	8.7	6.6	8.7	10.1	10.9	10.7	13.9	14.3	12.7	17.8	78.0
ALL CAUSES	544.1	527.1	492.4	490.4	489.0	500.9	470.0	464.1	481.8	478.5	482.7	-11.3
(Number of all deaths)	(2058)	(2173)	(2158)	(2256)	(2364)	(2563)	(2595)	(2650)	(2837)	(2898)	(3022)	(46.8)
TOTAL												
Malignant neoplasms	252.1	231.3	220.1	209.9	212.9	210.1	196.7	194.6	203.0	200.3	195.8	-34.2
Diseases of heart	188.3	181.3	167.5	161.5	160.4	151.0	138.8	134.3	140.0	132.9	134.2	-28.7
Accidents (unintentional injuries)	44.5	40.1	41.0	42.7	44.1	47.4	42.7	44.4	48.0	46.0	52.1	17.1
Motor vehicle accidents	21.5	21.0	21.1	18.9	19.8	21.6	18.3	14.5	20.5	18.8	19.6	-8.8
Other than motor vehicle	23.0	19.1	19.9	23.8	24.3	25.8	24.4	29.9	27.5	27.2	32.5	41.3
Chronic lower respiratory diseases	28.7	29.8	28.0	32.4	27.6	27.2	24.2	26.7	23.7	21.9	21.4	-25.4
Chronic liver disease and cirrhosis	31.4	29.3	27.5	27.9	28.7	28.7	29.1	27.5	26.1	29.0	28.9	-8.0
ALL CAUSES	757.2	712.8	686.8	667.3	669.9	677.1	633.9	632.1	654.8	653.7	649.1	-14.3
(Number of all deaths)	(5562)	(5669)	(5,825)	(5937)	(6258)	(6696)	(6785)	(6998)	(7474)	(7675)	(7928)	(42.5)

¹Rates are presented per 100,000 middle-aged adults 45-64 years old.

²The five causes with the greatest number of deaths over the 1994-2004 period.

Note: The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). The causes of death for 2000-2004 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. 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**.