

**TABLE 2C-20
MORTALITY RATES¹ FOR THE FIVE-LEADING CAUSES² OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
BY GENDER, ARIZONA, 1993-2003**

Gender/Cause	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	% Change from 1993
MALE												
Diseases of heart	303.9	281.3	266.0	253.0	239.0	240.9	225.3	202.0	197.4	206.1	196.7	-35.3
Malignant neoplasms	279.5	282.4	252.7	250.0	225.0	236.7	229.0	212.9	204.3	228.3	220.6	-21.1
Accidents (unintentional injuries)	60.6	68.8	60.0	64.4	65.4	66.3	74.0	65.8	66.6	70.9	68.8	13.5
Motor vehicle accidents	27.7	32.0	29.8	30.3	25.4	26.8	32.3	26.8	19.8	29.3	26.2	-5.4
Other than motor vehicle	32.9	36.8	30.2	34.1	40.0	39.5	29.0	39.0	46.8	41.6	42.6	29.5
Chronic lower respiratory diseases	36.4	32.8	34.2	32.5	37.2	33.3	41.7	28.0	27.8	27.9	21.3	-41.5
Chronic liver disease and cirrhosis	42.8	46.6	42.0	38.1	40.0	43.0	42.3	41.9	42.5	36.0	42.7	-0.2
ALL CAUSES	1000.3	983.5	912.5	894.5	856.7	863.9	866.1	808.6	811.2	839.0	840.1	-16.0
(Number of all deaths)	(3,436)	(3,504)	(3,496)	(3,667)	(3,681)	(3,894)	(4,133)	(4,190)	(4,348)	(4,637)	(4776)	39.0
FEMALE												
Malignant neoplasms	223.0	223.7	211.5	192.1	195.8	190.7	192.5	181.5	185.4	179.2	181.3	-18.7
Diseases of heart	107.7	100.7	102.6	87.6	89.1	85.2	81.7	79.5	75.1	78.0	72.8	-32.4
Chronic lower respiratory diseases	28.4	24.9	25.7	23.7	27.8	22.3	23.5	20.6	25.7	19.9	22.5	-20.8
Cerebrovascular disease	23.2	20.4	21.3	18.7	20.0	19.4	19.5	21.7	14.9	15.1	15.2	-34.5
Accidents (unintentional injuries)	15.8	21.7	21.6	19.2	21.5	23.4	22.7	21.0	23.5	26.5	24.6	55.7
Motor vehicle accidents	8.5	11.6	12.9	12.6	12.8	13.2	11.7	10.3	9.6	12.2	11.9	40.0
Other than motor vehicle	7.4	10.0	8.7	6.6	8.7	10.1	10.9	10.7	13.9	14.3	12.7	71.6
ALL CAUSES	546.2	544.1	527.1	492.4	490.4	489.0	500.9	470.0	464.1	481.8	478.5	-12.4
(Number of all deaths)	(1,999)	(2,058)	(2,173)	(2,158)	(2,256)	(2,364)	(2,563)	(2,595)	(2,650)	(2,837)	(2898)	45.0
TOTAL												
Malignant neoplasms	250.3	252.1	231.3	220.1	209.9	212.9	210.1	196.7	194.6	203.0	200.3	-20.0
Diseases of heart	202.7	188.3	181.3	167.5	161.5	160.4	151.0	138.8	134.3	140.0	132.9	-34.4
Accidents (unintentional injuries)	37.5	44.5	40.1	41.0	42.7	44.1	47.4	42.7	44.4	48.0	46.0	22.7
Motor vehicle accidents	17.8	21.5	21.0	21.1	18.9	19.8	21.6	18.3	14.5	20.5	18.8	5.6
Other than motor vehicle	19.7	23.0	19.1	19.9	23.8	24.3	25.8	24.4	29.9	27.5	27.2	38.1
Chronic lower respiratory diseases	32.3	28.7	29.8	28.0	32.4	27.6	27.2	24.2	26.7	23.7	21.9	-32.2
Chronic liver disease and cirrhosis	29.9	31.4	29.3	27.5	27.9	28.7	28.7	29.1	27.5	26.1	29.0	-3.0
ALL CAUSES	766.1	757.2	712.8	686.8	667.3	669.9	677.1	633.9	632.1	654.8	653.7	-14.7
(Number of all deaths)	(5,435)	(5,562)	(5,669)	(5,825)	(5,937)	(6,258)	(6,696)	(6,785)	(6,998)	(7,474)	(7675)	41.2

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

²The five causes with the greatest number of deaths over the 1993-2003 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 2000-2003 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**.