

**TABLE 2C-20
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG MIDDLE-AGED
ADULTS (45-64 years) BY GENDER, ARIZONA, 1991-2001**

Area/Gender	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	% change from 1991
MALE												
Diseases of heart	289.1	287.4	303.9	281.3	266.0	253.0	239.0	240.9	225.3	202.0	197.4	-31.7
Malignant neoplasm	278.8	285.9	279.5	282.4	252.7	250.0	225.0	236.7	229.0	212.9	204.3	-26.7
Accidents (unintentional injuries)	50.3	50.6	60.6	68.8	60.0	64.4	65.4	66.3	74.0	65.8	66.6	32.4
Motor vehicle accidents	27.2	23.2	27.7	32.0	29.8	30.3	25.4	26.8	32.3	26.8	19.8	-27.2
Other injury	23.1	27.4	32.9	36.8	30.2	34.1	40.0	39.5	29.0	39.0	46.8	102.6
Chronic lower respiratory diseases	37.2	34.1	36.4	32.8	34.2	32.5	37.2	33.3	41.7	28.0	27.8	-25.3
Chronic liver disease and cirrhosis	38.8	38.1	42.8	46.6	42.0	38.1	40.0	43.0	42.3	41.9	42.5	9.5
ALL CAUSES	942.9	964.4	1000.3	983.5	912.5	894.5	856.7	863.9	866.1	808.6	811.2	-14.0
(Number of all deaths)	(3,017)	(3,164)	(3,436)	(3,504)	(3,496)	(3,667)	(3,681)	(3,894)	(4,133)	(4,190)	(4,348)	(44.1)
FEMALE												
Malignant neoplasm	247.7	222.4	223.0	223.7	211.5	192.1	195.8	190.7	192.5	181.5	185.4	-25.1
Diseases of heart	95.5	103.6	107.7	100.7	102.6	87.6	89.1	85.2	81.7	79.5	75.1	-21.4
Chronic lower respiratory diseases	31.2	29.0	28.4	24.9	25.7	23.7	27.8	22.3	23.5	20.6	25.7	-17.6
Cerebrovascular disease	19.3	22.2	23.2	20.4	21.3	18.7	20.0	19.4	19.5	21.7	14.9	-22.8
Accidents (unintentional injuries)	18.8	20.6	15.8	21.7	21.6	19.2	21.5	23.4	22.7	21.0	23.5	25.0
Motor vehicle accidents	12.4	12.4	8.5	11.6	12.9	12.6	12.8	13.2	11.7	10.3	9.6	-22.6
Other injury	6.4	8.2	7.4	10.0	8.7	6.6	8.7	10.1	10.9	10.7	13.9	117.2
ALL CAUSES	548.4	531.8	546.2	544.1	527.1	492.4	490.4	489.0	500.9	470.0	464.1	-15.4
(Number of all deaths)	(1,900)	(1,889)	(1,999)	(2,058)	(2,173)	(2,158)	(2,256)	(2,364)	(2,563)	(2,595)	(2,650)	(39.5)
TOTAL												
Malignant neoplasm	262.6	252.9	250.3	252.1	231.3	220.1	209.9	212.9	210.1	196.7	194.6	-25.9
Diseases of heart	188.5	191.9	202.7	188.3	181.3	167.5	161.5	160.4	151.0	138.8	134.3	-28.7
Accidents (unintentional injuries)	33.9	35.0	37.5	44.5	40.1	41.0	42.7	44.1	47.4	42.7	44.4	31.0
Motor vehicle accidents	19.5	17.6	17.8	21.5	21.0	21.1	18.9	19.8	21.6	18.3	14.5	-25.6
Other injury	14.4	17.4	19.7	23.0	19.1	19.9	23.8	24.3	25.8	24.4	29.9	107.6
Chronic lower respiratory diseases	34.1	31.5	32.3	28.7	29.8	28.0	32.4	27.6	27.2	24.2	26.7	-21.7
Chronic liver disease and cirrhosis	28.6	27.5	29.9	31.4	29.3	27.5	27.9	28.7	28.7	29.1	27.5	-3.8
ALL CAUSES	737.8	739.5	766.1	757.2	712.8	686.8	667.3	669.9	677.1	633.9	632.1	-14.3
(Number of all deaths)	(4,917)	(5,053)	(5,435)	(5,562)	(5,669)	(5,825)	(5,937)	(6,258)	(6,696)	(6,785)	(6,998)	(42.3)

¹Rates are presented per 100,000 persons 45-64 years old.

²The five causes with the greatest number of deaths over the 1991-2001 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 and 2001 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*.