

**TABLE 2C-20**  
**MORTALITY RATES<sup>1</sup> FOR THE FIVE LEADING CAUSES<sup>2</sup> OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)**  
**BY GENDER, ARIZONA, 1997-2007**

Gender/Cause	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	% change from 1997
<b>MALE</b>												
Diseases of heart	239.0	240.9	225.3	202.0	197.4	206.1	196.7	196.7	207.5	186.7	170.8	-28.5
Malignant neoplasms	225.0	236.7	229.0	212.9	204.3	228.3	220.6	213.1	210.6	192.1	192.1	-14.6
Accidents (unintentional injuries)	65.4	66.3	74.0	65.8	66.6	70.9	68.8	75.7	86.2	81.2	73.2	11.9
Motor vehicle accidents	25.4	26.8	32.3	26.8	19.8	29.3	26.2	27.7	33.7	31.9	23.1	-9.1
Other than motor vehicle	40.0	39.5	29.0	39.0	46.8	41.6	42.6	48.0	52.5	49.3	50.1	25.3
Chronic lower respiratory diseases	37.2	33.3	41.7	28.0	27.8	27.9	21.3	24.4	28.3	24.0	19.9	-46.5
Chronic liver disease and cirrhosis	40.0	43.0	42.3	41.9	42.5	36.0	42.7	42.3	45.1	34.4	35.5	-11.3
ALL CAUSES	856.7	863.9	866.1	808.6	811.2	839.0	840.1	823.9	852.1	772.8	746.4	-12.9
(Number of all deaths)	(3681)	(3894)	(4133)	(4190)	(4348)	(4637)	(4776)	(4906)	(5232)	(5282)	(5397)	46.6
<b>FEMALE</b>												
Malignant neoplasms	195.8	190.7	192.5	181.5	185.4	179.2	181.3	179.4	182.3	166.2	154.7	-21.0
Diseases of heart	89.1	85.2	81.7	79.5	75.1	78.0	72.8	74.8	74.2	66.4	65.0	-27.0
Chronic lower respiratory diseases	27.8	22.3	23.5	20.6	25.7	19.9	22.5	18.5	25.4	21.6	23.6	-15.1
Cerebrovascular diseases	20.0	19.4	19.5	21.7	14.9	15.1	15.2	16.9	14.9	16.1	13.9	-30.5
Accidents (unintentional injuries)	21.5	23.4	22.7	21.0	23.5	26.5	24.6	29.6	33.1	35.8	30.2	40.5
Motor vehicle accidents	12.8	13.2	11.7	10.3	9.6	12.2	11.9	11.8	10.9	14.2	9.2	-28.1
Other than motor vehicle	8.7	10.1	10.9	10.7	13.9	14.3	12.7	17.8	22.2	21.6	21.0	141.4
ALL CAUSES	490.4	489.0	500.9	470.0	464.1	481.8	478.5	482.7	504.6	464.1	426.7	-13.0
(Number of all deaths)	(2256)	(2364)	(2563)	(2595)	(2650)	(2837)	(2898)	(3022)	(3292)	(3336)	(3232)	43.3
<b>TOTAL</b>												
Malignant neoplasms	209.9	212.9	210.1	196.7	194.6	203.0	200.3	195.8	196.0	178.8	173.0	-17.6
Diseases of heart	161.5	160.4	151.0	138.8	134.3	140.0	132.9	134.2	138.8	125.0	116.6	-27.8
Accidents (unintentional injuries)	42.7	44.1	47.4	42.7	44.4	48.0	46.0	52.1	58.8	57.9	51.2	19.9
Motor vehicle accidents	18.9	19.8	21.6	18.3	14.5	20.5	18.8	19.6	22.0	22.8	16.0	-15.3
Other than motor vehicle	23.8	24.3	25.8	24.4	29.9	27.5	27.2	32.5	36.8	35.1	35.2	47.9
Chronic lower respiratory diseases	32.4	27.6	27.2	24.2	26.7	23.7	21.9	21.4	26.8	22.7	21.8	-32.7
Chronic liver disease and cirrhosis	27.9	28.7	28.7	29.1	27.5	26.1	29.0	28.9	31.8	25.0	25.3	-9.3
ALL CAUSES	667.3	669.9	677.1	633.9	632.1	654.8	653.7	649.1	673.1	614.6	582.8	-12.7
(Number of all deaths)	(5937)	(6258)	(6696)	(6785)	(6998)	(7474)	(7675)	(7928)	(8524)	(8618)	(8629)	45.3

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

<sup>2</sup>The five causes with the greatest number of deaths over the 1997-2007 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 2000-2007 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*.