

**TABLE 2C-21
MORTALITY RATES¹ FOR THE FIVE-LEADING CAUSES² OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 1994-2004**

Area/Cause	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% change from 1994
URBAN												
Malignant neoplasms	255.6	224.6	212.2	203.9	204.0	205.3	196.6	193.2	202.4	198.0	188.9	-26.1
Diseases of heart	181.3	173.0	161.6	155.7	151.2	146.3	132.5	129.8	135.3	125.9	127.0	-30.0
Chronic lower respiratory diseases	29.3	27.6	27.6	32.7	26.8	26.2	25.1	27.8	23.0	21.2	21.9	-25.3
Accidents (unintentional injuries)	40.6	36.9	35.2	37.5	39.5	43.1	41.0	42.8	45.1	40.6	47.6	17.2
Motor vehicle accidents	18.7	18.1	16.6	15.8	18.0	19.6	17.0	12.5	18.0	14.7	17.0	-9.1
Other injury	21.9	18.8	18.6	21.7	21.4	23.5	24.0	30.3	27.1	25.9	30.6	39.7
Chronic liver disease and cirrhosis	30.9	27.6	24.8	26.9	26.3	29.2	28.3	26.9	25.8	26.8	25.2	-18.4
ALL CAUSES	745.9	687.1	660.8	642.1	638.4	655.0	619.2	615.7	637.2	630.2	620.7	-16.8
(Number of all deaths)	(4424)	(4433)	(4577)	(4673)	(4885)	(5302)	(5345)	(5509)	(5878)	(5987)	(6140)	(38.8)
RURAL												
Malignant neoplasms	237.6	276.4	246.3	237.0	252.7	230.7	197.1	199.7	205.5	210.1	225.2	-5.2
Diseases of heart	217.8	230.5	194.2	187.6	201.2	172.2	164.7	153.6	159.4	162.4	164.5	-24.5
Accidents (unintentional injuries)	60.8	57.3	66.9	66.0	64.5	65.7	48.8	50.4	60.3	68.2	71.0	16.8
Motor vehicle accidents	33.2	35.4	41.2	32.7	27.8	30.1	22.7	23.1	31.1	35.7	30.6	-7.8
Other injury	27.6	21.9	25.7	33.3	36.7	35.7	26.1	27.3	29.2	32.5	40.4	46.4
Chronic lower respiratory diseases	26.2	41.7	29.6	30.9	31.4	30.6	20.3	22.1	26.9	25.0	18.9	-27.9
Chronic liver disease and cirrhosis	33.2	37.3	39.2	31.5	39.6	26.7	32.4	29.7	27.4	37.9	44.8	34.9
ALL CAUSES	804.6	873.9	802.6	772.1	806.6	772.8	693.7	683.9	725.8	750.7	768.9	-4.4
(Number of all deaths)	(1138)	(1236)	(1248)	(1248)	(1363)	(1387)	(1436)	(1452)	(1589)	(1683)	(1786)	(56.9)
STATEWIDE												
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 injury	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)	(5825)	(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.

³Urban = Maricopa, Pima, Pinal, and Yuma counties. The remaining counties comprise Arizona's rural areas. See **Technical Notes** for more information.

Note: Records with unknown county of residence are included in the statewide totals, but are not distributed by urban/rural area. 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**.