

**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, 1992-2002**

Area/Cause	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	% Change from 1992
URBAN												
Malignant neoplasms	251.8	248.2	255.6	224.6	212.2	203.9	204.0	205.3	196.6	193.2	202.4	-19.6
Diseases of heart	182.4	191.4	181.3	173.0	161.6	155.7	151.2	146.3	132.5	129.8	135.3	-25.8
Chronic lower respiratory diseases	29.3	31.2	29.3	27.6	27.6	32.7	26.8	26.2	25.1	27.8	23.0	-21.5
Accidents (unintentional injuries)	27.4	32.9	40.6	36.9	35.2	37.5	39.5	43.1	41.0	42.8	45.1	64.6
Motor vehicle accidents	12.9	15.5	18.7	18.1	16.6	15.8	18.0	19.6	17.0	12.5	18.0	39.5
Other injury	14.6	17.3	21.9	18.8	18.6	21.7	21.4	23.5	24.0	30.3	27.1	85.6
Chronic liver disease and cirrhosis	24.8	30.5	30.9	27.6	24.8	26.9	26.3	29.2	28.3	26.9	25.8	4.0
ALL CAUSES	705.5	738.5	745.9	687.1	660.8	642.1	638.4	655.0	619.2	615.7	637.2	-9.7
(Number of all deaths)	(3,729)	(4,044)	(4,424)	(4,433)	(4,577)	(4,673)	(4,885)	(5,302)	(5,345)	(5,509)	(5,878)	(57.6)
RURAL												
Malignant neoplasms	256.5	257.6	237.6	276.4	246.3	237.0	252.7	230.7	197.1	199.7	205.5	-19.9
Diseases of heart	224.2	240.9	217.8	230.5	194.2	187.6	201.2	172.2	164.7	153.6	159.4	-28.9
Accidents (unintentional injuries)	60.7	53.1	60.8	57.3	66.9	66.0	64.5	65.7	48.8	50.4	60.3	-0.7
Motor vehicle accidents	33.6	25.3	33.2	35.4	41.2	32.7	27.8	30.1	22.7	23.1	31.1	-7.4
Other injury	27.1	27.8	27.6	21.9	25.7	33.3	36.7	35.7	26.1	27.3	29.2	7.7
Chronic lower respiratory diseases	38.8	35.8	26.2	41.7	29.6	30.9	31.4	30.6	20.3	22.1	26.9	-30.7
Chronic liver disease and cirrhosis	36.8	27.8	33.2	37.3	39.2	31.5	39.6	26.7	32.4	29.7	27.4	-25.5
ALL CAUSES	855.4	859.1	804.6	873.9	802.6	772.1	806.6	772.8	693.7	683.9	725.8	-15.2
(Number of all deaths)	(1,324)	(1,391)	(1,138)	(1,236)	(1,248)	(1,248)	(1,363)	(1,387)	(1,436)	(1,452)	(1,589)	(20.0)
STATEWIDE												
Malignant neoplasms	252.9	250.3	252.1	231.3	220.1	209.9	212.9	210.1	196.7	194.6	203.0	-19.7
Diseases of heart	191.9	202.7	188.3	181.3	167.5	161.5	160.4	151.0	138.8	134.3	140.0	-27.0
Accidents (unintentional injuries)	35.0	37.5	44.5	40.1	41.0	42.7	44.1	47.4	42.7	44.4	48.0	37.1
Motor vehicle accidents	17.6	17.8	21.5	21.0	21.1	18.9	19.8	21.6	18.3	14.5	20.5	16.5
Other injury	17.4	19.7	23.0	19.1	19.9	23.8	24.3	25.8	24.4	29.9	27.5	58.0
Chronic lower respiratory diseases	31.5	32.3	28.7	29.8	28.0	32.4	27.6	27.2	24.2	26.7	23.7	-24.8
Chronic liver disease and cirrhosis	27.5	29.9	31.4	29.3	27.5	27.9	28.7	28.7	29.1	27.5	26.1	-5.1
ALL CAUSES	739.5	766.1	757.2	712.8	686.8	667.3	669.9	677.1	633.9	632.1	654.8	-11.5
(Number of all deaths)	(5,053)	(5,435)	(5,562)	(5,669)	(5,825)	(5,937)	(6,258)	(6,696)	(6,785)	(6,998)	(7,474)	(47.9)

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

²The five causes with the greatest number of deaths over the 1992-2002 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 2000-2002 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*.