

TABLE 2C-20
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 2000-2010

Area/Cause	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change from 2000
URBAN												
Malignant neoplasms	196.6	193.2	202.4	198.0	188.9	190.5	174.8	169.6	162.8	165.4	164.6	-16.3
Diseases of heart	132.5	129.8	135.3	125.9	127.0	132.5	119.9	109.4	109.8	101.3	98.6	-25.6
Accidents (unintentional injuries)	41.0	42.8	45.1	40.6	47.6	55.7	54.2	47.8	51.6	48.8	47.5	15.9
Motor vehicle accidents	17.0	12.5	18.0	14.7	17.0	18.7	19.7	13.7	14.8	11.5	11.1	-34.7
Other	24.0	30.3	27.1	25.9	30.6	37.0	34.5	34.1	36.8	37.3	36.5	52.1
Chronic liver disease and cirrhosis	28.3	26.9	25.8	26.8	25.2	30.0	23.3	23.0	27.4	25.7	27.2	-3.9
Chronic lower respiratory diseases	25.1	27.8	23.0	21.2	21.9	25.8	22.3	20.5	23.6	20.2	19.2	-23.5
ALL CAUSES	619.2	615.7	637.2	630.2	620.7	647.8	595.0	559.7	559.5	559.4	552.4	-10.8
(Number of all deaths)	(5345)	(5509)	(5878)	(5987)	(6140)	(6658)	(6834)	(6812)	(6918)	(6979)	(7098)	32.8
RURAL												
Malignant neoplasms	197.1	199.7	205.5	210.1	225.2	219.6	197.0	188.3	188.1	176.9	193.1	-2.0
Diseases of heart	164.7	153.6	159.4	162.4	164.5	165.9	148.1	149.6	156.0	164.3	137.4	-16.6
Accidents (unintentional injuries)	48.8	50.4	60.3	68.2	71.0	72.5	74.9	65.3	68.1	71.4	66.2	35.7
Motor vehicle accidents	22.7	23.1	31.1	35.7	30.6	36.0	37.0	26.6	27.3	24.8	23.6	4.0
Other	26.1	27.3	29.2	32.5	40.4	36.5	37.9	38.7	40.8	46.6	42.6	63.2
Chronic liver disease and cirrhosis	32.4	29.7	27.4	37.9	44.8	39.8	32.3	36.1	39.6	43.3	41.9	29.3
Chronic lower respiratory diseases	20.3	22.1	26.9	25.0	18.9	31.4	24.8	28.1	29.5	27.4	22.2	9.4
ALL CAUSES	693.7	683.9	725.8	750.7	768.9	781.4	702.9	687.3	727.8	713.2	708.3	2.1
(Number of all deaths)	(1436)	(1452)	(1589)	(1683)	(1786)	(1865)	(1784)	(1810)	(1946)	(1927)	(2010)	40.0
STATEWIDE												
Malignant neoplasms	196.7	194.6	203.0	200.3	195.8	196.0	178.8	173.0	167.6	167.9	170.6	-13.3
Diseases of heart	138.8	134.3	140.0	132.9	134.2	138.8	125.0	116.6	118.2	112.9	106.7	-23.1
Accidents (unintentional injuries)	42.7	44.4	48.0	46.0	52.1	58.8	57.9	51.2	54.9	53.6	52.4	22.7
Motor vehicle accidents	18.3	14.5	20.5	18.8	19.6	22.0	22.8	16.0	17.2	14.0	13.6	-25.7
Other	24.4	29.9	27.5	27.2	32.5	36.8	35.1	35.2	37.7	39.5	38.8	59.0
Chronic liver disease and cirrhosis	29.1	27.5	26.1	29.0	28.9	31.8	25.0	25.3	29.7	29.1	30.2	3.8
Chronic lower respiratory diseases	24.2	26.7	23.7	21.9	21.4	26.8	22.7	21.8	24.7	21.5	20.0	-17.4
ALL CAUSES	633.9	632.1	654.8	653.7	649.1	673.1	614.6	582.8	591.8	590.0	587.2	-7.4
(Number of all deaths)	(6785)	(6998)	(7474)	(7675)	(7928)	(8524)	(8618)	(8629)	(8899)	(8855)	(9212)	35.8

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

²The five causes with the greatest number of deaths over the 2000-2010 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 2000-2010 are classified by ICD-10. 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**.