

**TABLE 2C-20  
MORTALITY RATES<sup>a</sup> FOR THE FIVE LEADING CAUSES<sup>b</sup> OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)  
IN URBAN AND RURAL AREAS<sup>c</sup>, ARIZONA, 2003-2013**

Area/Cause	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	% change from 2003
<b>URBAN</b>												
Malignant neoplasms	198.0	188.9	190.5	174.8	169.6	162.8	165.4	164.6	166.5	171.8	169.1	-14.6
Diseases of heart	125.9	127.0	132.5	119.9	109.4	109.8	101.3	98.6	103.9	95.9	96.5	-23.4
Accidents (unintentional injuries)	40.6	47.6	55.7	54.2	47.8	51.6	48.8	47.5	45.4	47.6	51.5	26.9
Other	25.9	30.6	37.0	34.5	34.1	36.8	37.3	36.5	12.4	35.7	38.5	48.7
Motor vehicle accidents	14.7	17.0	18.7	19.7	13.7	14.8	11.5	11.1	11.9	11.9	13.0	-11.6
Chronic liver disease and cirrhosis	26.8	25.2	30.0	23.3	23.0	27.4	25.7	27.2	30.8	31.5	29.9	11.4
Chronic lower respiratory diseases	21.2	21.9	25.8	22.3	20.5	23.6	20.2	19.2	20.6	22.9	22.6	6.8
ALL CAUSES	630.2	620.7	647.8	595.0	559.7	559.5	559.4	552.4	561.5	575.8	579.8	-8.0
(Number of all deaths)	(5987)	(6140)	(6658)	(6834)	(6812)	(6918)	(6979)	(7098)	(7274)	(7513)	(7631)	27.5
<b>RURAL</b>												
Malignant neoplasms	210.1	225.2	219.6	197.0	188.3	188.1	176.9	193.1	186.3	187.8	204.7	-2.6
Diseases of heart	162.4	164.5	165.9	148.1	149.6	156.0	164.3	137.4	143.7	152.5	142.2	-12.4
Accidents (unintentional injuries)	68.2	71.0	72.5	74.9	65.3	68.1	71.4	66.2	67.6	55.3	75.8	11.1
Other	32.5	40.4	36.5	37.9	38.7	40.8	46.6	42.6	16.5	36.4	51.7	59.1
Motor vehicle accidents	35.7	30.6	36.0	37.0	26.6	27.3	24.8	23.6	22.5	18.9	24.1	-32.6
Chronic liver disease and cirrhosis	37.9	44.8	39.8	32.3	36.1	39.6	43.3	41.9	49.3	47.5	57.1	50.7
Chronic lower respiratory diseases	25.0	18.9	31.4	24.8	28.1	29.5	27.4	22.2	36.3	33.2	32.3	29.3
ALL CAUSES	750.7	768.9	781.4	702.9	687.3	727.8	713.2	708.3	716.6	720.2	786.8	4.8
(Number of all deaths)	(1683)	(1786)	(1865)	(1784)	(1810)	(1946)	(1927)	(2010)	(2035)	(2017)	(2191)	30.2
<b>STATEWIDE</b>												
Malignant neoplasms	200.3	195.8	196.0	178.8	173.0	167.6	167.9	170.6	171.2	175.2	175.6	-12.3
Diseases of heart	132.9	134.2	138.8	125.0	116.6	118.2	112.9	106.7	112.0	106.5	105.5	-20.6
Accidents (unintentional injuries)	46.0	52.1	58.8	57.9	51.2	54.9	53.6	52.4	50.3	50.0	57.4	24.7
Other	27.2	32.5	36.8	35.1	35.2	37.7	39.5	38.8	13.4	36.7	41.8	53.8
Motor vehicle accidents	18.8	19.6	22.0	22.8	16.0	17.2	14.0	13.6	14.1	13.3	15.6	-17.3
Chronic liver disease and cirrhosis	29.0	28.9	31.8	25.0	25.3	29.7	29.1	30.2	34.3	35.0	34.7	19.6
Chronic lower respiratory diseases	21.9	21.4	26.8	22.7	21.8	24.7	21.5	20.0	23.6	25.1	24.7	12.8
ALL CAUSES	653.7	649.1	673.1	614.6	582.8	591.8	590.0	587.2	595.0	607.6	620.7	-5.1
(Number of all deaths)	(7675)	(7928)	(8524)	(8618)	(8629)	(8899)	(8855)	(9212)	(9398)	(9630)	(9898)	29.0

Notes: <sup>a</sup> Rates are presented per 100,000 middle-aged adults 45-64 years old; <sup>b</sup> The five causes with the greatest number of deaths over the 2003-2013 period; <sup>c</sup> Urban = Maricopa, Pima, Pinal, and Yuma counties; the remaining counties comprise Arizona's rural areas; see **Technical Notes** for more information; 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 2003-2013 are classified by ICD-10; 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**.