

**TABLE 2C-20
MORTALITY RATES^a FOR THE FIVE LEADING CAUSES^b OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
IN URBAN AND RURAL AREAS^c, ARIZONA, 2005-2015**

Area/Cause	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	% change from 2005
URBAN												
Malignant neoplasms	190.5	174.8	169.6	162.8	165.4	164.6	166.5	171.8	169.1	153.8	164.8	-13.5
Diseases of heart	132.5	119.9	109.4	109.8	101.3	98.6	103.9	95.9	96.5	89.5	100.3	-24.3
Accidents (unintentional injuries)	55.7	54.2	47.8	51.6	48.8	47.5	45.4	47.6	51.5	47.3	50.2	-9.9
Other	37.0	34.5	34.1	36.8	37.3	36.5	12.4	35.7	38.5	36.7	37.8	2.2
Motor vehicle accidents	18.7	19.7	13.7	14.8	11.5	11.1	11.9	11.9	13.0	10.6	12.4	-33.7
Chronic liver disease and cirrhosis	30.0	23.3	23.0	27.4	25.7	27.2	30.8	31.5	29.9	31.5	32.6	8.6
Chronic lower respiratory diseases	25.8	22.3	20.5	23.6	20.2	19.2	20.6	22.9	22.6	23.4	25.0	-3.0
ALL CAUSES	647.8	595.0	559.7	559.5	559.4	552.4	561.5	575.8	579.8	584.2	596.5	-7.9
(Number of all deaths)	(6658)	(6834)	(6812)	(6918)	(6979)	(7098)	(7274)	(7513)	(7631)	(7855)	(8128)	22.1
RURAL												
Malignant neoplasms	219.6	197.0	188.3	188.1	176.9	193.1	186.3	187.8	204.7	175.4	196.4	-10.6
Diseases of heart	165.9	148.1	149.6	156.0	164.3	137.4	143.7	152.5	142.2	133.3	163.5	-1.4
Accidents (unintentional injuries)	72.5	74.9	65.3	68.1	71.4	66.2	67.6	55.3	75.8	73.3	72.6	0.1
Other	36.5	37.9	38.7	40.8	46.6	42.6	16.5	36.4	51.7	52.8	46.6	27.6
Motor vehicle accidents	36.0	37.0	26.6	27.3	24.8	23.6	22.5	18.9	24.1	20.5	26.0	-27.8
Chronic liver disease and cirrhosis	39.8	32.3	36.1	39.6	43.3	41.9	49.3	47.5	57.1	41.7	59.2	48.7
Chronic lower respiratory diseases	31.4	24.8	28.1	29.5	27.4	22.2	36.3	33.2	32.3	34.1	33.9	8.1
ALL CAUSES	781.4	702.9	687.3	727.8	713.2	708.3	716.6	720.2	786.8	751.4	821.2	5.1
(Number of all deaths)	(1865)	(1784)	(1810)	(1946)	(1927)	(2010)	(2035)	(2017)	(2191)	(2091)	(2275)	22.0
TOTAL												
Malignant neoplasms	196.0	178.8	173.0	167.6	167.9	170.6	171.2	175.2	175.6	157.9	170.6	-13.0
Diseases of heart	138.8	125.0	116.6	118.2	112.9	106.7	112.0	106.5	105.5	97.4	112.2	-19.1
Accidents (unintentional injuries)	58.8	57.9	51.2	54.9	53.6	52.4	50.3	50.0	57.4	53.0	55.7	-5.2
Other	36.8	35.1	35.2	37.7	39.5	38.8	13.4	36.7	41.8	40.4	40.8	10.9
Motor vehicle accidents	22.0	22.8	16.0	17.2	14.0	13.6	14.1	13.3	15.6	12.6	14.9	-32.1
Chronic liver disease and cirrhosis	31.8	25.0	25.3	29.7	29.1	30.2	34.3	35.0	34.7	33.6	37.7	18.5
Chronic lower respiratory diseases	26.8	22.7	21.8	24.7	21.5	20.0	23.6	25.1	24.7	25.4	26.6	-0.8
ALL CAUSES	673.1	614.6	582.8	591.8	590.0	587.2	595.0	607.6	620.7	617.7	641.0	-4.8
(Number of all deaths)	(8524)	(8618)	(8629)	(8899)	(8855)	(9212)	(9398)	(9630)	(9898)	(10025)	(10510)	23.3

Notes: ^a Rates are presented per 100,000 middle-aged adults 45-64 years old; ^b The five causes with the greatest number of deaths over the 2005-2015 period; ^c 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 2005-2015 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**.