

**TABLE 2C-20
MORTALITY RATES^a FOR THE SELECTED FIVE LEADING CAUSES^b OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
IN URBAN AND RURAL AREAS^c, ARIZONA, 2007-2017**

Area/Cause	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change from 2007
URBAN												
Malignant neoplasms	169.6	162.8	165.4	164.6	166.5	171.8	169.1	153.8	164.8	162.1	156.3	-7.8
Diseases of heart	109.4	109.8	101.3	98.6	103.9	95.9	96.5	89.5	100.3	106.3	101.7	-7.1
Accidents (unintentional injuries)	47.8	51.6	48.8	47.5	45.4	47.6	51.5	47.3	50.2	61.3	61.3	28.2
Other	34.1	36.8	37.3	36.5	12.4	35.7	38.5	36.7	37.8	45.3	46.6	36.6
Motor vehicle accidents	13.7	14.8	11.5	11.1	11.9	11.9	13.0	10.6	12.4	16.0	14.7	7.1
Chronic liver disease and cirrhosis	23.0	27.4	25.7	27.2	30.8	31.5	29.9	31.5	32.6	30.3	30.1	30.7
Chronic lower respiratory diseases	20.5	23.6	20.2	19.2	20.6	22.9	22.6	23.4	25.0	25.9	24.0	16.9
ALL CAUSES	559.7	559.5	559.4	552.4	561.5	575.8	579.8	584.2	596.5	613.0	583.1	4.2
(Number of all deaths)	(6,812)	(6,918)	(6,979)	(7,098)	(7,274)	(7,513)	(7,631)	(7,855)	(8,128)	(8,485)	(8,223)	20.7
RURAL												
Malignant neoplasms	188.3	188.1	176.9	193.1	186.3	187.8	204.7	175.4	196.4	184.3	182.9	-2.8
Diseases of heart	149.6	156.0	164.3	137.4	143.7	152.5	142.2	133.3	163.5	159.6	140.1	-6.3
Accidents (unintentional injuries)	65.3	68.1	71.4	66.2	67.6	55.3	75.8	73.3	72.6	83.8	91.5	40.1
Other	38.7	40.8	46.6	42.6	16.5	36.4	51.7	52.8	46.6	58.3	64.2	66.0
Motor vehicle accidents	26.6	27.3	24.8	23.6	22.5	18.9	24.1	20.5	26.0	25.5	27.2	2.3
Chronic liver disease and cirrhosis	36.1	39.6	43.3	41.9	49.3	47.5	57.1	41.7	59.2	61.9	56.6	56.9
Chronic lower respiratory diseases	28.1	29.5	27.4	22.2	36.3	33.2	32.3	34.1	33.9	37.9	41.7	48.6
ALL CAUSES	687.3	727.8	713.2	708.3	716.6	720.2	786.8	751.4	821.2	808.3	781.1	13.7
(Number of all deaths)	(1,810)	(1,946)	(1,927)	(2,010)	(2,035)	(2,017)	(2,191)	(2,091)	(2,275)	(2,219)	(2,152)	18.9
TOTAL												
Malignant neoplasms	173.0	167.6	167.9	170.6	171.2	175.2	175.6	157.9	170.6	167.0	161.8	-6.5
Diseases of heart	116.6	118.2	112.9	106.7	112.0	106.5	105.5	97.4	112.2	116.9	109.9	-5.7
Accidents (unintentional injuries)	51.2	54.9	53.6	52.4	50.3	50.0	57.4	53.0	55.7	68.5	69.7	36.1
Other	35.2	37.7	39.5	38.8	13.4	36.7	41.8	40.4	40.8	50.3	52.5	49.1
Motor vehicle accidents	16.0	17.2	14.0	13.6	14.1	13.3	15.6	12.6	14.9	18.2	17.2	7.5
Chronic liver disease and cirrhosis	25.3	29.7	29.1	30.2	34.3	35.0	34.7	33.6	37.7	36.3	35.1	38.6
Chronic lower respiratory diseases	21.8	24.7	21.5	20.0	23.6	25.1	24.7	25.4	26.6	28.2	27.3	25.2
ALL CAUSES	582.8	591.8	590.0	587.2	595.0	607.6	620.7	617.7	641.0	657.8	626.8	7.6
(Number of all deaths)	(8,629)	(8,899)	(8,855)	(9,212)	(9,398)	(9,630)	(9,898)	(10,025)	(10,510)	(10,911)	(10,567)	22.5

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 2007-2017 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 2007-2017 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**.