

**TABLE 2C-19
MORTALITY RATES^a FOR THE SELECTED FIVE LEADING CAUSES^b OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
BY GENDER, ARIZONA, 2007-2017**

Gender/Cause	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change from 2007
MALE												
Malignant neoplasms	192.1	184.5	182.2	188.3	186.3	196.6	191.4	171.5	186.4	184.1	180.7	-5.9
Diseases of heart	170.8	175.5	169.0	160.7	165.3	155.1	159.3	143.2	166.6	170.1	164.7	-3.6
Accidents (unintentional injuries)	73.2	76.5	71.9	69.2	68.9	68.0	77.9	73.5	76.8	100.4	98.8	35.0
Other	50.1	51.9	51.1	54.6	19.8	47.9	54.5	54.0	54.5	71.5	72.1	43.9
Motor vehicle accidents	23.1	24.6	20.8	19.9	21.4	20.1	23.3	19.4	22.3	28.9	26.8	15.8
Chronic liver disease and cirrhosis	35.5	39.2	38.0	42.1	49.6	50.2	46.7	43.1	48.1	47.8	45.5	28.0
Suicide	35.0	35.1	37.0	40.9	41.3	41.8	38.3	37.7	40.3	41.2	37.4	6.8
ALL CAUSES	746.4	741.9	738.1	744.1	752.2	778.8	784.8	775.3	809.1	841.8	802.8	7.6
(Number of all deaths)	(5,397)	(5,450)	(5,472)	(5,659)	(5,760)	(5,999)	(6,088)	(6,111)	(6,444)	(6,781)	(6,570)	21.7
FEMALE												
Malignant neoplasms	154.7	151.4	154.2	153.9	156.9	155.1	160.7	145.0	155.6	150.9	143.9	-7.0
Diseases of heart	65.0	63.4	59.4	55.9	61.8	60.5	54.6	54.0	60.8	66.7	58.2	-10.4
Accidents (unintentional injuries)	30.2	34.2	36.1	36.6	32.8	33.0	38.0	33.7	35.8	38.4	42.2	39.7
Other	21.0	24.2	28.5	29.0	7.4	26.1	29.8	27.4	27.9	30.4	18.6	-11.6
Motor vehicle accidents	9.2	10.0	7.6	7.7	7.1	6.9	8.2	6.2	7.9	8.1	8.2	-11.0
Chronic lower respiratory diseases	23.6	24.3	19.2	19.3	21.6	24.2	24.8	24.8	23.0	25.8	26.4	11.9
Diabetes	14.0	16.0	14.2	17.0	21.3	22.3	23.6	22.8	27.4	24.6	22.6	61.4
ALL CAUSES	426.7	448.4	448.6	439.6	447.1	445.8	465.2	468.9	482.3	484.1	460.8	8.0
(Number of all deaths)	(3,232)	(3,449)	(3,483)	(3,553)	(3,638)	(3,631)	(3,810)	(3,914)	(4,066)	(4,130)	(3,997)	23.7
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; 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**.