

**TABLE 2C-19
MORTALITY RATES^a FOR THE FIVE LEADING CAUSES^b OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
BY GENDER, ARIZONA, 2005-2015**

Gender/Cause	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	% change from 2005
MALE												
Malignant neoplasms	210.6	192.1	192.1	184.5	182.2	188.3	186.3	196.6	191.4	171.5	186.4	-11.5
Diseases of heart	207.5	186.7	170.8	175.5	169.0	160.7	165.3	155.1	159.3	143.2	166.6	-19.7
Accidents (unintentional injuries)	86.2	81.2	73.2	76.5	71.9	69.2	68.9	68.0	77.9	73.5	76.8	-10.9
Other	52.5	49.3	50.1	51.9	51.1	54.6	19.8	47.9	54.5	54.0	54.5	3.8
Motor vehicle accidents	33.7	31.9	23.1	24.6	20.8	19.9	21.4	20.1	23.3	19.4	22.3	-33.7
Chronic liver disease and cirrhosis	45.1	34.4	35.5	39.2	38.0	42.1	49.6	50.2	46.7	43.1	48.1	6.6
Suicide	32.7	31.9	35.0	35.1	37.0	40.9	41.3	41.8	38.3	37.7	40.3	23.3
ALL CAUSES	852.1	772.8	746.4	741.9	738.1	744.1	752.2	778.8	784.8	775.3	809.1	-5.0
(Number of all deaths)	(5232)	(5282)	(5397)	(5450)	(5472)	(5659)	(5760)	(5999)	(6088)	(6111)	(6444)	23.2
FEMALE												
Malignant neoplasms	182.3	166.2	154.7	151.4	154.2	153.9	156.9	155.1	160.7	145.0	155.6	-14.6
Diseases of heart	74.2	66.4	65.0	63.4	59.4	55.9	61.8	60.5	54.6	54.0	60.8	-18.0
Accidents (unintentional injuries)	33.1	35.8	30.2	34.2	36.1	36.6	32.8	33.0	38.0	33.7	35.8	8.2
Other	22.2	21.6	21.0	24.2	28.5	29.0	7.4	26.1	29.8	27.4	27.9	25.6
Motor vehicle accidents	10.9	14.2	9.2	10.0	7.6	7.7	7.1	6.9	8.2	6.2	7.9	-27.1
Diabetes	20.1	19.1	14.0	16.0	14.2	17.0	21.3	22.3	23.6	22.8	27.4	36.3
Chronic lower respiratory diseases	25.4	21.6	23.6	24.3	19.2	19.3	21.6	24.2	24.8	24.8	23.0	-9.4
ALL CAUSES	504.6	464.1	426.7	448.4	448.6	439.6	447.1	445.8	465.2	468.9	482.3	-4.4
(Number of all deaths)	(3292)	(3336)	(3232)	(3449)	(3483)	(3553)	(3638)	(3631)	(3810)	(3914)	(4066)	23.5
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; 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**.