

**TABLE 2C-19
MORTALITY RATES^a FOR THE FIVE LEADING CAUSES^b OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
BY GENDER, ARIZONA, 2003-2013**

Gender/Cause	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	% change from 2003
MALE												
Malignant neoplasms	220.6	213.1	210.6	192.1	192.1	184.5	182.2	188.3	186.3	196.6	191.4	-13.2
Diseases of heart	196.7	196.7	207.5	186.7	170.8	175.5	169.0	160.7	165.3	155.1	159.3	-19.0
Accidents (unintentional injuries)	68.8	75.7	86.2	81.2	73.2	76.5	71.9	69.2	68.9	68.0	77.9	13.2
Other	42.6	48.0	52.5	49.3	50.1	51.9	51.1	54.6	19.8	47.9	54.5	28.0
Motor vehicle accidents	26.2	27.7	33.7	31.9	23.1	24.6	20.8	19.9	21.4	20.1	23.3	-10.9
Chronic liver disease and cirrhosis	42.7	42.3	45.1	34.4	35.5	39.2	38.0	42.1	49.6	50.2	46.7	9.3
Suicide	29.4	31.6	32.7	31.9	35.0	35.1	37.0	40.9	41.3	41.8	38.3	30.2
ALL CAUSES	840.1	823.9	852.1	772.8	746.4	741.9	738.1	744.1	752.2	778.8	784.8	-6.6
(Number of all deaths)	(4776)	(4906)	(5232)	(5282)	(5397)	(5450)	(5472)	(5659)	(5760)	(5999)	(6088)	27.5
FEMALE												
Malignant neoplasms	181.3	179.4	182.3	166.2	154.7	151.4	154.2	153.9	156.9	155.1	160.7	-11.4
Diseases of heart	72.8	74.8	74.2	66.4	65.0	63.4	59.4	55.9	61.8	60.5	54.6	-25.0
Accidents (unintentional injuries)	24.6	29.6	33.1	35.8	30.2	34.2	36.1	36.6	32.8	33.0	38.0	54.4
Other	12.7	17.8	22.2	21.6	21.0	24.2	28.5	29.0	7.4	26.1	29.8	134.6
Motor vehicle accidents	11.9	11.8	10.9	14.2	9.2	10.0	7.6	7.7	7.1	6.9	8.2	-31.2
Chronic lower respiratory diseases	22.5	18.5	25.4	21.6	23.6	24.3	19.2	19.3	21.6	24.2	24.8	10.2
Diabetes	17.2	19.0	20.1	19.1	14.0	16.0	14.2	17.0	21.3	22.3	23.6	37.0
ALL CAUSES	478.5	482.7	504.6	464.1	426.7	448.4	448.6	439.6	447.1	445.8	465.2	-2.8
(Number of all deaths)	(2898)	(3022)	(3292)	(3336)	(3232)	(3449)	(3483)	(3553)	(3638)	(3631)	(3810)	31.5
TOTAL												
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: ^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 2003-2013 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 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**.