

**TABLE 2C-19
MORTALITY RATES^a FOR THE FIVE LEADING CAUSES^b OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)
BY GENDER, ARIZONA, 2002-2012**

Gender/Cause	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	% change from 2002
MALE												
Malignant neoplasms	228.3	220.6	213.1	210.6	192.1	192.1	184.5	182.2	188.3	186.3	196.6	-13.9
Diseases of heart	206.1	196.7	196.7	207.5	186.7	170.8	175.5	169.0	160.7	165.3	155.1	-24.7
Accidents (unintentional injuries)	70.9	68.8	75.7	86.2	81.2	73.2	76.5	71.9	69.2	68.9	68.0	-4.1
Motor vehicle accidents	29.3	26.2	27.7	33.7	31.9	23.1	24.6	20.8	19.9	21.4	20.1	-31.3
Other	41.6	42.6	48.0	52.5	49.3	50.1	51.9	51.1	54.6	19.8	47.9	15.2
Chronic liver disease and cirrhosis	36.0	42.7	42.3	45.1	34.4	35.5	39.2	38.0	42.1	49.6	50.2	39.6
Suicide	34.4	29.4	31.6	32.7	31.9	35.0	35.1	37.0	40.9	41.3	41.8	21.5
ALL CAUSES	839.0	840.1	823.9	852.1	772.8	746.4	741.9	738.1	744.1	752.2	778.8	-7.2
(Number of all deaths)	(4637)	(4776)	(4906)	(5232)	(5282)	(5397)	(5450)	(5472)	(5659)	(5760)	(5999)	29.4
FEMALE												
Malignant neoplasms	179.2	181.3	179.4	182.3	166.2	154.7	151.4	154.2	153.9	156.9	155.1	-13.5
Diseases of heart	78.0	72.8	74.8	74.2	66.4	65.0	63.4	59.4	55.9	61.8	60.5	-22.4
Accidents (unintentional injuries)	26.5	24.6	29.6	33.1	35.8	30.2	34.2	36.1	36.6	32.8	33.0	24.6
Motor vehicle accidents	12.2	11.9	11.8	10.9	14.2	9.2	10.0	7.6	7.7	7.1	6.9	-43.6
Other	14.3	12.7	17.8	22.2	21.6	21.0	24.2	28.5	29.0	7.4	26.1	82.9
Chronic lower respiratory diseases	19.9	22.5	18.5	25.4	21.6	23.6	24.3	19.2	19.3	21.6	24.2	21.5
Diabetes	19.5	17.2	19.0	20.1	19.1	14.0	16.0	14.2	17.0	21.3	22.3	14.4
ALL CAUSES	481.8	478.5	482.7	504.6	464.1	426.7	448.4	448.6	439.6	447.1	445.8	-7.5
(Number of all deaths)	(2837)	(2898)	(3022)	(3292)	(3336)	(3232)	(3449)	(3483)	(3553)	(3638)	(3631)	28.0
TOTAL												
Malignant neoplasms	203.0	200.3	195.8	196.0	178.8	173.0	167.6	167.9	170.6	171.2	175.2	-13.7
Diseases of heart	140.0	132.9	134.2	138.8	125.0	116.6	118.2	112.9	106.7	112.0	106.5	-23.9
Accidents (unintentional injuries)	48.0	46.0	52.1	58.8	57.9	51.2	54.9	53.6	52.4	50.3	50.0	4.2
Motor vehicle accidents	20.5	18.8	19.6	22.0	22.8	16.0	17.2	14.0	13.6	14.1	13.3	-35.1
Other	27.5	27.2	32.5	36.8	35.1	35.2	37.7	39.5	38.8	13.4	36.7	33.5
Chronic liver disease and cirrhosis	26.1	29.0	28.9	31.8	25.0	25.3	29.7	29.1	30.2	34.3	35.0	34.2
Chronic lower respiratory diseases	23.7	21.9	21.4	26.8	22.7	21.8	24.7	21.5	20.0	23.6	25.1	5.7
ALL CAUSES	654.8	653.7	649.1	673.1	614.6	582.8	591.8	590.0	587.2	595.0	607.6	-7.2
(Number of all deaths)	(7474)	(7675)	(7928)	(8524)	(8618)	(8629)	(8899)	(8855)	(9212)	(9398)	(9630)	28.8

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 2002-2012 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 2002-2012 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**.