

**TABLE 2C-19**  
**MORTALITY RATES<sup>a</sup> FOR THE SELECTED FIVE LEADING CAUSES<sup>b</sup> OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS)**  
**BY GENDER, ARIZONA, 2006-2016**

Gender/Cause	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% change from 2006
<b>MALE</b>												
Malignant neoplasms	192.1	192.1	184.5	182.2	188.3	186.3	196.6	191.4	171.5	186.4	184.1	-4.2
Diseases of heart	186.7	170.8	175.5	169.0	160.7	165.3	155.1	159.3	143.2	166.6	170.1	-8.9
Accidents (unintentional injuries)	81.2	73.2	76.5	71.9	69.2	68.9	68.0	77.9	73.5	76.8	100.4	23.7
Other	49.3	50.1	51.9	51.1	54.6	19.8	47.9	54.5	54.0	54.5	71.5	45.0
Motor vehicle accidents	31.9	23.1	24.6	20.8	19.9	21.4	20.1	23.3	19.4	22.3	28.9	-9.3
Chronic liver disease and cirrhosis	34.4	35.5	39.2	38.0	42.1	49.6	50.2	46.7	43.1	48.1	47.8	38.9
Suicide	31.9	35.0	35.1	37.0	40.9	41.3	41.8	38.3	37.7	40.3	41.2	29.2
ALL CAUSES	772.8	746.4	741.9	738.1	744.1	752.2	778.8	784.8	775.3	809.1	841.8	8.9
(Number of all deaths)	(5,282)	(5,397)	(5,450)	(5,472)	(5,659)	(5,760)	(5,999)	(6,088)	(6,111)	(6,444)	(6,781)	28.4
<b>FEMALE</b>												
Malignant neoplasms	166.2	154.7	151.4	154.2	153.9	156.9	155.1	160.7	145.0	155.6	150.9	-9.2
Diseases of heart	66.4	65.0	63.4	59.4	55.9	61.8	60.5	54.6	54.0	60.8	66.7	0.4
Accidents (unintentional injuries)	35.8	30.2	34.2	36.1	36.6	32.8	33.0	38.0	33.7	35.8	38.4	7.4
Other	21.6	21.0	24.2	28.5	29.0	7.4	26.1	29.8	27.4	27.9	30.4	40.6
Motor vehicle accidents	14.2	9.2	10.0	7.6	7.7	7.1	6.9	8.2	6.2	7.9	8.1	-43.0
Chronic lower respiratory diseases	21.6	23.6	24.3	19.2	19.3	21.6	24.2	24.8	24.8	23.0	25.8	19.4
Diabetes	19.1	14.0	16.0	14.2	17.0	21.3	22.3	23.6	22.8	27.4	24.6	28.9
ALL CAUSES	464.1	426.7	448.4	448.6	439.6	447.1	445.8	465.2	468.9	482.3	484.1	4.3
(Number of all deaths)	(3,336)	(3,232)	(3,449)	(3,483)	(3,553)	(3,638)	(3,631)	(3,810)	(3,914)	(4,066)	(4,130)	23.8
<b>TOTAL</b>												
Malignant neoplasms	178.8	173.0	167.6	167.9	170.6	171.2	175.2	175.6	157.9	170.6	167.0	-6.6
Diseases of heart	125.0	116.6	118.2	112.9	106.7	112.0	106.5	105.5	97.4	112.2	116.9	-6.5
Accidents (unintentional injuries)	57.9	51.2	54.9	53.6	52.4	50.3	50.0	57.4	53.0	55.7	68.5	18.4
Other	35.1	35.2	37.7	39.5	38.8	13.4	36.7	41.8	40.4	40.8	50.3	43.4
Motor vehicle accidents	22.8	16.0	17.2	14.0	13.6	14.1	13.3	15.6	12.6	14.9	18.2	-20.1
Chronic liver disease and cirrhosis	25.0	25.3	29.7	29.1	30.2	34.3	35.0	34.7	33.6	37.7	36.3	45.2
Chronic lower respiratory diseases	22.7	21.8	24.7	21.5	20.0	23.6	25.1	24.7	25.4	26.6	28.2	24.3
ALL CAUSES	614.6	582.8	591.8	590.0	587.2	595.0	607.6	620.7	617.7	641.0	657.8	7.0
(Number of all deaths)	(8,618)	(8,629)	(8,899)	(8,855)	(9,212)	(9,398)	(9,630)	(9,898)	(10,025)	(10,510)	(10,911)	26.6

Notes: <sup>a</sup> Rates are presented per 100,000 middle-aged adults 45-64 years old; <sup>b</sup> The five causes with the greatest number of deaths over the 2006-2016 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 2006-2016 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**.