

**TABLE 2C-16
MORTALITY RATES^a FOR THE SELECTED FIVE LEADING CAUSES^b OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)
IN URBAN AND RURAL AREAS^c, ARIZONA, 2009-2019**

Area/Cause	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	% change from 2009
URBAN												
Accidents (unintentional injuries)	32.7	33.5	36.6	32.3	35.4	33.8	40.1	43.9	49.0	55.2	60.6	85.3
Other	21.5	22.0	4.3	20.2	23.9	22.7	25.4	28.9	34.3	39.5	46.1	114.4
Motor vehicle accidents	11.2	11.5	12.4	12.1	11.5	11.1	14.7	15.1	14.8	15.7	14.5	29.6
Intentional self-harm (suicide)	13.6	17.7	18.1	17.0	18.3	16.8	19.0	18.4	19.7	20.6	21.3	56.7
Malignant neoplasms	15.6	13.3	13.5	14.1	15.3	12.7	13.1	13.5	13.0	13.5	12.6	-19.4
Diseases of heart	8.7	8.0	9.6	9.5	9.3	9.7	10.1	8.3	10.3	9.2	10.2	17.2
Assault (homicide)	9.7	11.0	10.0	9.5	9.4	8.1	9.6	10.7	11.3	11.1	9.8	0.6
ALL CAUSES	113.0	119.7	120.3	118.8	130.1	126.2	131.9	137.1	140.7	148.0	156.5	38.5
(Number of all deaths)	(2,203)	(2,203)	(2,232)	(2,215)	(2,451)	(2,422)	(2,557)	(2,676)	(2,783)	(2,986)	(3,224)	46.3
RURAL												
Accidents (unintentional injuries)	64.7	63.9	71.9	74.4	74.9	61.2	78.6	77.9	75.3	81.3	80.9	25.0
Other	35.4	36.9	10.3	42.7	50.8	39.6	47.9	51.3	39.4	48.5	52.8	49.2
Motor vehicle accidents	29.4	27.0	33.0	31.7	24.2	21.7	30.8	26.7	36.0	32.8	28.1	-4.5
Intentional self-harm (suicide)	29.1	30.2	37.6	32.4	33.6	32.3	32.1	33.5	40.1	43.5	35.0	20.3
Malignant neoplasms	15.9	13.8	12.0	19.0	15.4	11.4	13.3	16.7	13.6	12.4	16.2	1.7
Diseases of heart	15.0	9.6	16.7	14.5	14.0	14.4	13.0	10.3	14.3	14.0	12.5	-16.4
Assault (homicide)	7.8	16.0	12.8	14.8	13.0	7.2	10.6	10.6	10.9	10.4	7.9	1.6
ALL CAUSES	191.6	203.7	210.2	233.4	226.5	207.1	224.7	240.9	236.6	238.1	237.7	24.1
(Number of all deaths)	(662)	(574)	(593)	(662)	(647)	(602)	(657)	(705)	(697)	(712)	(720)	8.8
TOTAL												
Accidents (unintentional injuries)	37.8	37.8	41.9	38.2	41.0	38.2	46.1	49.4	53.6	59.0	64.0	69.3
Other	23.7	24.1	5.5	23.3	27.7	25.6	29.0	32.6	36.0	40.9	47.3	99.6
Motor vehicle accidents	14.1	13.7	15.2	14.9	13.3	12.6	17.1	16.8	17.6	18.1	16.7	18.4
Intentional self-harm (suicide)	17.5	19.4	20.9	19.1	20.5	19.1	20.9	20.6	22.6	23.6	23.1	32.0
Malignant neoplasms	13.9	13.4	13.3	14.9	15.3	12.6	13.2	13.9	13.2	13.5	13.0	-6.5
Diseases of heart	8.8	8.2	10.6	10.3	10.0	10.4	10.5	8.6	10.9	9.9	10.6	20.5
Assault (homicide)	10.5	12.0	10.5	10.3	9.9	8.2	10.0	11.0	11.8	11.0	9.7	-7.6
ALL CAUSES	125.2	131.8	133.6	135.0	143.5	138.6	146.6	153.3	155.9	160.9	168.2	34.3
(Number of all deaths)	(2,917)	(2,796)	(2,856)	(2,900)	(3,115)	(3,062)	(3,271)	(3,441)	(3,544)	(3,727)	(3,973)	36.2

Notes: ^a Rates are presented per 100,000 young adults 20-44 years old; ^b The five causes with the greatest number of deaths statewide over the 2009-2019 period; ^c Urban = Maricopa, Pima, Pinal, and Yuma counties; the remaining counties comprise Arizona's rural areas; see **Technical Notes** for more information; records with unknown county of residence are included in the statewide totals, but are not distributed by urban/rural area; the cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10); the causes of death for 2009-2019 are classified by ICD-10, replacing the Ninth Revision (ICD-9); 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**.