

**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, 2008-2018**

Area/Cause	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% change from 2008
URBAN												
Accidents (unintentional injuries)	34.4	32.7	33.5	36.6	32.3	35.4	33.8	40.1	43.9	49.0	55.2	60.5
Other	20.2	21.5	22.0	4.3	20.2	23.9	22.7	25.4	28.9	34.3	39.5	95.5
Motor vehicle accidents	14.2	11.2	11.5	12.4	12.1	11.5	11.1	14.7	15.1	14.8	15.7	10.6
Intentional self-harm (suicide)	16.4	13.6	17.7	18.1	17.0	18.3	16.8	19.0	18.4	19.7	20.6	25.6
Malignant neoplasms	14.2	15.6	13.3	13.5	14.1	15.3	12.7	13.1	13.5	13.0	13.5	-4.9
Assault (homicide)	13.2	9.7	11.0	10.0	9.5	9.4	8.1	9.6	10.7	11.3	11.1	-15.9
Diseases of heart	8.9	8.7	8.0	9.6	9.5	9.3	9.7	10.1	8.3	10.3	9.2	3.4
ALL CAUSES	113.6	113.0	119.7	120.3	118.8	130.1	126.2	131.9	137.1	140.7	148.0	30.3
(Number of all deaths)	(2,239)	(2,203)	(2,203)	(2,232)	(2,215)	(2,451)	(2,422)	(2,557)	(2,676)	(2,783)	(2,986)	33.4
RURAL												
Accidents (unintentional injuries)	57.1	64.7	63.9	71.9	74.4	74.9	61.2	78.6	77.9	75.3	81.3	42.4
Other	29.2	35.4	36.9	10.3	42.7	50.8	39.6	47.9	51.3	39.4	48.5	66.1
Motor vehicle accidents	28.0	29.4	27.0	33.0	31.7	24.2	21.7	30.8	26.7	36.0	32.8	17.1
Intentional self-harm (suicide)	20.4	29.1	30.2	37.6	32.4	33.6	32.3	32.1	33.5	40.1	43.5	113.2
Diseases of heart	9.4	15.0	9.6	16.7	14.5	14.0	14.4	13.0	10.3	14.3	14.0	48.9
Malignant neoplasms	12.5	15.9	13.8	12.0	19.0	15.4	11.4	13.3	16.7	13.6	12.4	-0.8
Assault (homicide)	14.6	7.8	16.0	12.8	14.8	13.0	7.2	10.6	10.6	10.9	10.4	-28.8
ALL CAUSES	174.2	191.6	203.7	210.2	233.4	226.5	207.1	224.7	240.9	236.6	238.1	36.7
(Number of all deaths)	(590)	(662)	(574)	(593)	(662)	(647)	(602)	(657)	(705)	(697)	(712)	20.7
TOTAL												
Accidents (unintentional injuries)	38.0	37.8	37.8	41.9	38.2	41.0	38.2	46.1	49.4	53.6	59.0	55.3
Other	21.7	23.7	24.1	5.5	23.3	27.7	25.6	29.0	32.6	36.0	40.9	88.5
Motor vehicle accidents	16.3	14.1	13.7	15.2	14.9	13.3	12.6	17.1	16.8	17.6	18.1	11.0
Intentional self-harm (suicide)	15.0	17.5	19.4	20.9	19.1	20.5	19.1	20.9	20.6	22.6	23.6	57.3
Malignant neoplasms	9.7	13.9	13.4	13.3	14.9	15.3	12.6	13.2	13.9	13.2	13.5	39.2
Assault (homicide)	13.1	10.5	12.0	10.5	10.3	9.9	8.2	10.0	11.0	11.8	11.0	-16.0
Diseases of heart	11.5	8.8	8.2	10.6	10.3	10.0	10.4	10.5	8.6	10.9	9.9	-13.9
ALL CAUSES	123.0	125.2	131.8	133.6	135.0	143.5	138.6	146.6	153.3	155.9	160.9	30.8
(Number of all deaths)	(2,829)	(2,917)	(2,796)	(2,856)	(2,900)	(3,115)	(3,062)	(3,271)	(3,441)	(3,544)	(3,727)	31.7

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 2008-2018 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 2008-2018 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**.