

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, 2007-2017

Area/Cause	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change from 2007
URBAN												
Accidents (unintentional injuries)	38.7	34.4	32.7	33.5	36.6	32.3	35.4	33.8	40.1	43.9	49.0	26.7
Other	21.0	20.2	21.5	22.0	4.3	20.2	23.9	22.7	25.4	28.9	34.3	63.2
Motor vehicle accidents	17.7	14.2	11.2	11.5	12.4	12.1	11.5	11.1	14.7	15.1	14.8	-16.6
Intentional self-harm (suicide)	18.0	16.4	13.6	17.7	18.1	17.0	18.3	16.8	19.0	18.4	19.7	9.2
Malignant neoplasms	12.9	14.2	15.6	13.3	13.5	14.1	15.3	12.7	13.1	13.5	13.0	1.1
Assault (homicide)	14.3	13.2	9.7	11.0	10.0	9.5	9.4	8.1	9.6	10.7	11.3	-20.8
Diseases of heart	9.9	8.9	8.7	8.0	9.6	9.5	9.3	9.7	10.1	8.3	10.3	3.6
ALL CAUSES	129.8	113.6	113.0	119.7	120.3	118.8	130.1	126.2	131.9	137.1	140.7	8.4
(Number of all deaths)	(2,511)	(2,239)	(2,203)	(2,203)	(2,232)	(2,215)	(2,451)	(2,422)	(2,557)	(2,676)	(2,783)	10.8
RURAL												
Accidents (unintentional injuries)	73.2	57.1	64.7	63.9	71.9	74.4	74.9	61.2	78.6	77.9	75.3	2.9
Other	32.7	29.2	35.4	36.9	10.3	42.7	50.8	39.6	47.9	51.3	39.4	20.4
Motor vehicle accidents	40.5	28.0	29.4	27.0	33.0	31.7	24.2	21.7	30.8	26.7	36.0	-11.2
Intentional self-harm (suicide)	25.6	20.4	29.1	30.2	37.6	32.4	33.6	32.3	32.1	33.5	40.1	56.4
Diseases of heart	15.1	9.4	15.0	9.6	16.7	14.5	14.0	14.4	13.0	10.3	14.3	-5.6
Malignant neoplasms	16.1	12.5	15.9	13.8	12.0	19.0	15.4	11.4	13.3	16.7	13.6	-15.7
Assault (homicide)	12.7	14.6	7.8	16.0	12.8	14.8	13.0	7.2	10.6	10.6	10.9	-14.5
ALL CAUSES	188.1	174.2	191.6	203.7	210.2	233.4	226.5	207.1	224.7	240.9	236.6	25.8
(Number of all deaths)	(609)	(590)	(662)	(574)	(593)	(662)	(647)	(602)	(657)	(705)	(697)	14.4
TOTAL												
Accidents (unintentional injuries)	43.6	38.0	37.8	37.8	41.9	38.2	41.0	38.2	46.1	49.4	53.6	23.0
Other	22.6	21.7	23.7	24.1	5.5	23.3	27.7	25.6	29.0	32.6	36.0	59.4
Motor vehicle accidents	21.0	16.3	14.1	13.7	15.2	14.9	13.3	12.6	17.1	16.8	17.6	-16.2
Intentional self-harm (suicide)	19.1	15.0	17.5	19.4	20.9	19.1	20.5	19.1	20.9	20.6	22.6	18.4
Malignant neoplasms	13.3	9.7	13.9	13.4	13.3	14.9	15.3	12.6	13.2	13.9	13.2	-0.4
Assault (homicide)	14.1	13.1	10.5	12.0	10.5	10.3	9.9	8.2	10.0	11.0	11.8	-16.4
Diseases of heart	10.7	11.5	8.8	8.2	10.6	10.3	10.0	10.4	10.5	8.6	10.9	2.0
ALL CAUSES	138.2	123.0	125.2	131.8	133.6	135.0	143.5	138.6	146.6	153.3	155.9	12.8
(Number of all deaths)	(3,120)	(2,829)	(2,917)	(2,796)	(2,856)	(2,900)	(3,115)	(3,062)	(3,271)	(3,441)	(3,544)	13.6

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 2007-2017 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 2007-2017 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**.