

**TABLE 2C-12
MORTALITY RATES^a FOR THE SELECTED FIVE LEADING CAUSES^b OF DEATH AMONG ADOLESCENTS (15-19 YEARS)
IN URBAN AND RURAL AREAS^c, ARIZONA, 2011-2021**

Area/Cause	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	% change from 2011
URBAN												
Accidents (unintentional injuries)	18.4	17.0	15.8	12.5	13.4	20.4	19.6	25.9	31.1	39.0	37.8	105.4
Other	1.0	5.1	6.5	3.7	4.9	8.2	10.3	13.7	18.2	25.4	20.4	1940.0
Motor vehicle accidents	10.8	11.9	9.3	8.9	8.5	12.2	9.3	12.2	12.8	13.6	17.4	61.1
Assault (homicide)	6.4	4.8	6.8	3.7	5.9	7.9	7.8	6.5	10.1	10.9	14.7	129.7
Intentional self-harm (suicide)	8.5	8.1	5.0	9.6	12.7	11.2	11.5	12.4	9.9	12.3	12.3	44.7
Malignant neoplasms	2.8	2.8	3.5	3.7	2.8	2.8	1.8	1.7	4.4	2.7	2.7	-3.6
Diseases of heart	1.3	0.0	0.5	1.3	0.5	0.8	1.0	1.0	0.5	2.2	0.7	-46.2
ALL CAUSES	45.3	38.8	42.4	42.5	44.2	50.7	49.9	57.2	65.6	80.0	82.7	82.6
(Number of all deaths)	(177)	(153)	(169)	(163)	(171)	(199)	(199)	(230)	(266)	(324)	(337)	90.4
RURAL												
Accidents (unintentional injuries)	26.9	52.1	31.8	29.9	24.5	30.3	39.9	30.2	24.5	37.7	34.9	29.7
Motor vehicle accidents	21.5	37.0	19.3	17.1	15.8	13.0	25.6	18.7	17.3	22.6	21.3	-0.9
Other	0.0	15.1	12.4	12.8	8.6	17.3	14.2	11.5	7.2	15.1	13.7	NA
Intentional self-harm (suicide)	22.9	21.9	16.6	17.1	20.2	17.3	22.8	44.5	15.9	28.6	25.8	12.7
Assault (homicide)	5.4	5.5	5.5	2.9	1.4	2.9	1.4	4.3	2.9	6.0	4.6	-14.8
Malignant neoplasms	5.4	0.0	0.0	1.4	5.8	0.0	1.4	1.4	1.4	0.0	4.6	-14.8
Diseases of heart	0.0	0.0	0.0	0.0	1.4	1.4	0.0	2.9	0.0	0.0	0.0	0.0
ALL CAUSES	72.7	90.5	62.1	68.4	66.2	66.4	74.1	91.9	47.6	93.5	82.0	12.8
(Number of all deaths)	(54)	(66)	(45)	(48)	(46)	(46)	(52)	(64)	(33)	(62)	(54)	0.0
TOTAL												
Accidents (unintentional injuries)	19.8	22.5	18.3	15.2	15.1	21.9	22.8	26.7	30.3	39.0	38.0	91.9
Other	0.9	6.6	7.4	5.1	5.5	9.5	10.9	13.6	16.8	24.2	19.6	2077.8
Motor vehicle accidents	12.5	15.8	10.8	10.1	9.6	12.3	11.9	13.2	13.5	14.8	18.4	47.2
Intentional self-harm (suicide)	10.8	10.3	6.8	10.8	13.8	12.1	13.2	17.2	10.7	14.6	14.2	31.5
Assault (homicide)	6.2	4.9	6.6	3.5	5.3	7.4	6.8	6.2	9.1	10.2	13.3	114.5
Malignant neoplasms	3.2	2.4	3.0	3.3	3.3	2.4	1.7	1.7	4.0	2.3	3.0	-6.3
Diseases of heart	1.1	0.0	0.6	1.1	0.7	0.9	0.9	1.3	0.4	1.9	0.8	-27.3
ALL CAUSES	49.7	47.1	45.5	46.5	47.5	53.5	53.7	62.6	63.2	82.3	83.7	68.4
(Number of all deaths)	(231)	(220)	(214)	(211)	(217)	(247)	(252)	(295)	(300)	(388)	(396)	71.4

Notes: ^a Number of deaths per 100,000 adolescents 15-19 years old; ^b The five causes with the greatest number of deaths over the 2011-2021 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 2011-2021 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**; although COVID-19 was among the 5 leading causes of death, it has been excluded in this table because the ICD-10 definition had not been identified until 2020, thus there is no data for years 2011-2019 and making it impossible to show a trend and a percent change.