

**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, 2009-2019**

Area/Cause	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	% change from 2009
URBAN												
Accidents (unintentional injuries)	18.7	17.0	18.4	17.0	15.8	12.5	13.4	20.4	19.6	25.9	31.1	66.3
Other	9.1	7.7	1.0	5.1	6.5	3.7	4.9	8.2	10.3	13.7	18.2	100.0
Motor vehicle accidents	9.6	9.3	10.8	11.9	9.3	8.9	8.5	12.2	9.3	12.2	12.8	33.3
Assault (homicide)	9.6	6.7	6.4	4.8	6.8	3.7	5.9	7.9	7.8	6.5	10.1	5.2
Intentional self-harm (suicide)	9.6	7.2	8.5	8.1	5.0	9.6	12.7	11.2	11.5	12.4	9.9	3.1
Malignant neoplasms	3.2	2.3	2.8	2.8	3.5	3.7	2.8	2.8	1.8	1.7	4.4	37.5
Diseases of heart	1.3	1.5	1.3	0.0	0.5	1.3	0.5	0.8	1.0	1.0	0.5	-61.5
ALL CAUSES	51.5	43.6	45.3	38.8	42.4	42.5	44.2	50.7	49.9	57.2	65.6	27.3
(Number of all deaths)	(194)	(169)	(177)	(153)	(169)	(163)	(171)	(199)	(199)	(230)	(266)	37.1
RURAL												
Accidents (unintentional injuries)	36.9	25.5	26.9	52.1	31.8	29.9	24.5	30.3	39.9	30.2	24.5	-33.6
Motor vehicle accidents	17.2	13.4	21.5	37.0	19.3	17.1	15.8	13.0	25.6	18.7	17.3	0.6
Other	19.7	12.1	0.0	15.1	12.4	12.8	8.6	17.3	14.2	11.5	7.2	-63.5
Intentional self-harm (suicide)	16.0	14.8	22.9	21.9	16.6	17.1	20.2	17.3	22.8	44.5	15.9	-0.6
Assault (homicide)	6.1	6.7	5.4	5.5	5.5	2.9	1.4	2.9	1.4	4.3	2.9	-52.5
Malignant neoplasms	3.7	4.0	5.4	0.0	0.0	1.4	5.8	0.0	1.4	1.4	1.4	-62.2
Diseases of heart	1.2	1.3	0.0	0.0	0.0	0.0	1.4	1.4	0.0	2.9	0.0	-100.0
ALL CAUSES	75.0	68.6	72.7	90.5	62.1	68.4	66.2	66.4	74.1	91.9	47.6	-36.5
(Number of all deaths)	(61)	(51)	(54)	(66)	(45)	(48)	(46)	(46)	(52)	(64)	(33)	(-45.9)
TOTAL												
Accidents (unintentional injuries)	22.1	18.4	19.8	22.5	18.3	15.2	15.1	21.9	22.8	26.7	30.3	37.1
Other	11.2	8.4	0.9	6.6	7.4	5.1	5.5	9.5	10.9	13.6	16.8	50.0
Motor vehicle accidents	11.0	10.0	12.5	15.8	10.8	10.1	9.6	12.3	11.9	13.2	13.5	22.7
Intentional self-harm (suicide)	10.7	8.4	10.8	10.3	6.8	10.8	13.8	12.1	13.2	17.2	10.7	0.0
Assault (homicide)	9.0	6.7	6.2	4.9	6.6	3.5	5.3	7.4	6.8	6.2	9.1	1.1
Malignant neoplasms	3.3	2.6	3.2	2.4	3.0	3.3	3.3	2.4	1.7	1.7	4.0	21.2
Diseases of heart	1.3	1.5	1.1	0.0	0.6	1.1	0.7	0.9	0.9	1.3	0.4	-69.2
ALL CAUSES	55.9	47.7	49.7	47.1	45.5	46.5	47.5	53.5	53.7	62.6	63.2	13.1
(Number of all deaths)	(255)	(220)	(231)	(220)	(214)	(211)	(217)	(247)	(252)	(295)	(300)	17.6

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 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; 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**.