

**TABLE 2C-12**  
**MORTALITY RATES<sup>a</sup> FOR THE SELECTED FIVE LEADING CAUSES<sup>b</sup> OF DEATH AMONG ADOLESCENTS (15-19 YEARS)**  
**IN URBAN AND RURAL AREAS<sup>c</sup>, ARIZONA, 2007-2017**

Area/Cause	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change from 2007
<b>URBAN</b>												
Accidents (unintentional injuries)	30.9	23.7	18.7	17.0	18.4	17.0	15.8	12.5	13.4	20.4	19.6	-36.7
Other	9.0	8.9	9.1	7.7	1.0	5.1	6.5	3.7	4.9	8.2	10.3	14.3
Motor vehicle accidents	21.9	14.8	9.6	9.3	10.8	11.9	9.3	8.9	8.5	12.2	9.3	-57.6
Intentional self-harm (suicide)	8.2	9.4	9.6	7.2	8.5	8.1	5.0	9.6	12.7	11.2	11.5	40.7
Assault (homicide)	14.8	15.3	9.6	6.7	6.4	4.8	6.8	3.7	5.9	7.9	7.8	-47.5
Malignant neoplasms	3.8	4.6	3.2	2.3	2.8	2.8	3.5	3.7	2.8	2.8	1.8	-53.8
Diseases of heart	1.6	1.1	1.3	1.5	1.3	0.0	0.5	1.3	0.5	0.8	1.0	-37.3
ALL CAUSES	72.5	61.4	51.5	43.6	45.3	38.8	42.4	42.5	44.2	50.7	49.9	-31.2
(Number of all deaths)	(265)	(230)	(194)	(169)	(177)	(153)	(169)	(163)	(171)	(199)	(199)	(-24.9)
<b>RURAL</b>												
Accidents (unintentional injuries)	61.9	36.0	36.9	25.5	26.9	52.1	31.8	29.9	24.5	30.3	39.9	-35.6
Motor vehicle accidents	49.2	28.6	17.2	13.4	21.5	37.0	19.3	17.1	15.8	13.0	25.6	-47.9
Other	12.7	7.4	19.7	12.1	0.0	15.1	12.4	12.8	8.6	17.3	14.2	12.1
Intentional self-harm (suicide)	10.1	26.1	16.0	14.8	22.9	21.9	16.6	17.1	20.2	17.3	22.8	125.6
Assault (homicide)	6.3	7.5	6.1	6.7	5.4	5.5	5.5	2.9	1.4	2.9	1.4	-77.4
Malignant neoplasms	3.8	6.2	3.7	4.0	5.4	0.0	0.0	1.4	5.8	0.0	1.4	-62.5
Diseases of heart	2.5	0.0	1.2	1.3	0.0	0.0	0.0	0.0	1.4	1.4	0.0	-100.0
ALL CAUSES	97.2	83.3	75.0	68.6	72.7	90.5	62.1	68.4	66.2	66.4	74.1	-23.8
(Number of all deaths)	(77)	(67)	(61)	(51)	(54)	(66)	(45)	(48)	(46)	(46)	(52)	(-32.5)
<b>TOTAL</b>												
Accidents (unintentional injuries)	36.4	25.9	22.1	18.4	19.8	22.5	18.3	15.2	15.1	21.9	22.8	-37.3
Motor vehicle accidents	26.8	17.3	11.0	10.0	12.5	15.8	10.8	10.1	9.6	12.3	11.9	-55.4
Other	9.6	8.6	11.2	8.4	0.9	6.6	7.4	5.1	5.5	9.5	10.9	13.3
Intentional self-harm (suicide)	8.5	12.4	10.7	8.4	10.8	10.3	6.8	10.8	13.8	12.1	13.2	55.6
Assault (homicide)	13.3	13.7	9.0	6.7	6.2	4.9	6.6	3.5	5.3	7.4	6.8	-48.7
Malignant neoplasms	3.8	4.6	3.3	2.6	3.2	2.4	3.0	3.3	3.3	2.4	1.7	-55.1
Diseases of heart	1.8	0.9	1.3	1.5	1.1	0.0	0.6	1.1	0.7	0.9	0.9	-52.6
ALL CAUSES	76.9	65.7	55.9	47.7	49.7	47.1	45.5	46.5	47.5	53.5	53.7	-30.1
(Number of all deaths)	(342)	(297)	(255)	(220)	(231)	(220)	(214)	(211)	(217)	(247)	(252)	(-26.3)

Notes: <sup>a</sup> Number of deaths per 100,000 adolescents 15-19 years old; <sup>b</sup> The five causes with the greatest number of deaths over the 2007-2017 period; <sup>c</sup> 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; measures of comparability between ICD-9 and ICD-10 - the "comparability ratios" - for the causes of death shown in this report are provided in the **Technical Notes**.