

**TABLE 2C-13**  
**MORTALITY RATES<sup>1</sup> FOR THE FIVE LEADING CAUSES<sup>2</sup> OF DEATH AMONG ADOLESCENTS (15-19 YEARS)**  
**IN URBAN AND RURAL AREAS<sup>3</sup>, ARIZONA, 1997-2007**

Area/Cause	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	% change from 1997
<b>URBAN</b>												
Accidents (unintentional injuries)	26.6	32.4	29.8	28.9	33.3	36.1	29.9	37.3	28.9	40.3	30.9	16.2
Motor vehicle accidents	20.0	26.4	22.9	21.9	23.4	27.4	22.0	27.1	20.5	32.2	21.9	9.4
Other than motor vehicle	6.6	6.1	7.0	7.0	9.9	8.7	7.9	10.2	8.4	8.1	9.0	36.4
Assault (homicide)	19.2	17.7	18.9	16.0	14.4	16.2	13.6	9.9	16.8	20.0	14.8	-23.1
Intentional self-harm (suicide)	21.9	14.7	8.4	12.3	7.4	9.3	9.1	11.4	13.2	10.6	8.2	-62.5
Malignant neoplasms	2.0	4.1	3.3	4.3	5.1	4.4	2.4	4.1	2.8	2.8	3.8	91.5
Diseases of heart	2.3	1.9	2.5	1.7	2.6	1.6	1.2	1.5	1.4	1.4	1.6	-28.7
ALL CAUSES	84.5	81.4	72.4	75.4	77.6	82.4	69.8	75.8	75.8	88.9	72.5	-14.2
(Number of all deaths)	(216)	(216)	(199)	(227)	(242)	(265)	(231)	(260)	(270)	(320)	(265)	22.7
<b>RURAL</b>												
Accidents (unintentional injuries)	59.3	57.6	54.9	67.4	57.2	39.8	57.0	54.1	59.4	56.8	61.9	4.3
Motor vehicle accidents	46.1	44.8	50.4	52.4	39.6	31.3	44.5	46.0	46.2	42.9	49.2	6.8
Other than motor vehicle	13.2	12.8	4.5	15.0	17.6	8.5	12.5	8.1	13.2	13.9	12.7	-3.8
Intentional self-harm (suicide)	18.1	14.4	16.8	6.0	24.9	12.8	12.5	13.5	18.5	24.0	10.1	-44.2
Assault (homicide)	14.8	8.0	4.6	7.5	5.9	8.5	4.2	14.9	6.6	8.8	6.3	-57.3
Malignant neoplasms	8.2	1.6	4.6	1.5	5.9	4.3	2.8	6.8	2.6	6.3	3.8	-53.8
Diseases of heart	1.6	3.2	0.0	1.5	2.9	2.8	1.4	0.0	1.3	2.5	2.5	57.8
ALL CAUSES	117.0	91.1	96.1	92.8	123.2	83.9	101.5	102.7	100.3	116.2	97.2	-16.9
(Number of all deaths)	(71)	(57)	(63)	(62)	(84)	(59)	(73)	(76)	(76)	(92)	(77)	8.5
<b>STATEWIDE</b>												
Accidents (unintentional injuries)	35.7	39.9	35.8	35.9	37.6	36.7	34.7	40.5	34.3	43.3	36.4	2.0
Motor vehicle accidents	27.2	32.3	29.4	27.5	26.3	28.1	26.0	30.7	25.0	34.2	26.8	-1.6
Other than motor vehicle	8.5	7.6	6.5	8.4	11.3	8.6	8.7	9.8	9.3	9.1	9.6	12.9
Assault (homicide)	19.0	16.8	16.2	14.4	12.9	14.8	11.9	10.8	15.0	18.0	13.3	-30.2
Intentional self-harm (suicide)	23.7	15.2	10.6	11.1	10.5	9.9	9.7	11.8	14.1	13.0	8.5	-64.0
Malignant neoplasms	4.4	3.7	3.5	3.8	5.3	4.3	2.5	4.6	2.8	3.4	3.8	-13.1
Diseases of heart	2.2	2.4	2.1	1.6	2.6	1.8	1.2	1.2	1.4	1.6	1.8	-18.3
ALL CAUSES	103.1	90.9	81.4	78.9	86.6	82.7	75.4	80.8	80.1	93.8	76.9	-25.4
(Number of all deaths)	(326)	(298)	(277)	(290)	(329)	(324)	(304)	(337)	(346)	(412)	(342)	4.9

<sup>1</sup>Number of deaths per 100,000 adolescents 15-19 years old.

<sup>2</sup>The five causes with the greatest number of deaths over the 1997-2007 period.

<sup>3</sup>Urban = Maricopa, Pima, Pinal, and Yuma counties. The remaining counties comprise Arizona's rural areas. See **Technical Notes** for more information.

Note: 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 2000-2007 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. 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**.