

**TABLE 2C-13
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ADOLESCENTS (15-19 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 1998-2008**

Area/Cause	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	% change from 1998
URBAN												
Accidents (unintentional injuries)	32.4	29.8	28.9	33.3	36.1	29.9	37.3	28.9	40.3	30.9	23.7	-26.9
Motor vehicle accidents	26.4	22.9	21.9	23.4	27.4	22.0	27.1	20.5	32.2	21.9	14.8	-43.9
Other than motor vehicle	6.1	7.0	7.0	9.9	8.7	7.9	10.2	8.4	8.1	9.0	8.9	45.9
Assault (homicide)	17.7	18.9	16.0	14.4	16.2	13.6	9.9	16.8	20.0	14.8	15.3	-13.6
Intentional self-harm (suicide)	14.7	8.4	12.3	7.4	9.3	9.1	11.4	13.2	10.6	8.2	9.4	-36.1
Malignant neoplasms	4.1	3.3	4.3	5.1	4.4	2.4	4.1	2.8	2.8	3.8	4.6	12.2
Diseases of heart	1.9	2.5	1.7	2.6	1.6	1.2	1.5	1.4	1.4	1.6	1.1	-42.1
ALL CAUSES	81.4	72.4	75.4	77.6	82.4	69.8	75.8	75.8	88.9	72.5	61.4	-24.6
(Number of all deaths)	(216)	(199)	(227)	(242)	(265)	(231)	(260)	(270)	(320)	(265)	(230)	6.5
RURAL												
Accidents (unintentional injuries)	57.6	54.9	67.4	57.2	39.8	57.0	54.1	59.4	56.8	61.9	36.0	-37.5
Motor vehicle accidents	44.8	50.4	52.4	39.6	31.3	44.5	46.0	46.2	42.9	49.2	28.6	-36.2
Other than motor vehicle	12.8	4.5	15.0	17.6	8.5	12.5	8.1	13.2	13.9	12.7	7.4	-42.2
Intentional self-harm (suicide)	14.4	16.8	6.0	24.9	12.8	12.5	13.5	18.5	24.0	10.1	26.1	81.3
Assault (homicide)	8.0	4.6	7.5	5.9	8.5	4.2	14.9	6.6	8.8	6.3	7.5	-6.3
Malignant neoplasms	1.6	4.6	1.5	5.9	4.3	2.8	6.8	2.6	6.3	3.8	6.2	287.5
Diseases of heart	3.2	0.0	1.5	2.9	2.8	1.4	0.0	1.3	2.5	2.5	0.0	-100.0
ALL CAUSES	91.1	96.1	92.8	123.2	83.9	101.5	102.7	100.3	116.2	97.2	83.3	-8.6
(Number of all deaths)	(57)	(63)	(62)	(84)	(59)	(73)	(76)	(76)	(92)	(77)	(67)	17.5
STATEWIDE												
Accidents (unintentional injuries)	39.9	35.8	35.9	37.6	36.7	34.7	40.5	34.3	43.3	36.4	25.9	-35.1
Motor vehicle accidents	32.3	29.4	27.5	26.3	28.1	26.0	30.7	25.0	34.2	26.8	17.3	-46.4
Other than motor vehicle	7.6	6.5	8.4	11.3	8.6	8.7	9.8	9.3	9.1	9.6	8.6	13.2
Assault (homicide)	16.8	16.2	14.4	12.9	14.8	11.9	10.8	15.0	18.0	13.3	13.7	-18.4
Intentional self-harm (suicide)	15.2	10.6	11.1	10.5	9.9	9.7	11.8	14.1	13.0	8.5	12.4	-18.4
Malignant neoplasms	3.7	3.5	3.8	5.3	4.3	2.5	4.6	2.8	3.4	3.8	4.6	24.3
Diseases of heart	2.4	2.1	1.6	2.6	1.8	1.2	1.2	1.4	1.6	1.8	0.9	-62.5
ALL CAUSES	90.9	81.4	78.9	86.6	82.7	75.4	80.8	80.1	93.8	76.9	65.7	-27.7
(Number of all deaths)	(298)	(277)	(290)	(329)	(324)	(304)	(337)	(346)	(412)	(342)	(297)	-0.3

¹Number of deaths per 100,000 adolescents 15-19 years old.

²The five causes with the greatest number of deaths over the 1998-2008 period.

³Urban = 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 2000-2008 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**