

TABLE 2C-13
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ADOLESCENTS (15-19 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 1999-2009

Area/Cause	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	% change from 1999
URBAN												
Accidents (unintentional injuries)	29.8	28.9	33.3	36.1	29.9	37.3	28.9	40.3	30.9	23.7	18.7	-37.2
Motor vehicle accidents	22.9	21.9	23.4	27.4	22.0	27.1	20.5	32.2	21.9	14.8	9.6	-58.1
Other than motor vehicle	7.0	7.0	9.9	8.7	7.9	10.2	8.4	8.1	9.0	8.9	9.1	30.0
Assault (homicide)	18.9	16.0	14.4	16.2	13.6	9.9	16.8	20.0	14.8	15.3	9.6	-49.2
Intentional self-harm (suicide)	8.4	12.3	7.4	9.3	9.1	11.4	13.2	10.6	8.2	9.4	9.6	14.3
Malignant neoplasms	3.3	4.3	5.1	4.4	2.4	4.1	2.8	2.8	3.8	4.6	3.2	-3.0
Diseases of heart	2.5	1.7	2.6	1.6	1.2	1.5	1.4	1.4	1.6	1.1	1.3	-48.0
ALL CAUSES	72.4	75.4	77.6	82.4	69.8	75.8	75.8	88.9	72.5	61.4	51.5	-28.9
(Number of all deaths)	(199)	(227)	(242)	(265)	(231)	(260)	(270)	(320)	(265)	(230)	(194)	-2.5
RURAL												
Accidents (unintentional injuries)	54.9	67.4	57.2	39.8	57.0	54.1	59.4	56.8	61.9	36.0	36.9	-32.8
Motor vehicle accidents	50.4	52.4	39.6	31.3	44.5	46.0	46.2	42.9	49.2	28.6	17.2	-65.9
Other than motor vehicle	4.5	15.0	17.6	8.5	12.5	8.1	13.2	13.9	12.7	7.4	19.7	337.8
Intentional self-harm (suicide)	16.8	6.0	24.9	12.8	12.5	13.5	18.5	24.0	10.1	26.1	16.0	-4.8
Assault (homicide)	4.6	7.5	5.9	8.5	4.2	14.9	6.6	8.8	6.3	7.5	6.1	32.6
Malignant neoplasms	4.6	1.5	5.9	4.3	2.8	6.8	2.6	6.3	3.8	6.2	3.7	-19.6
Diseases of heart	0.0	1.5	2.9	2.8	1.4	0.0	1.3	2.5	2.5	0.0	1.2	NA
ALL CAUSES	96.1	92.8	123.2	83.9	101.5	102.7	100.3	116.2	97.2	83.3	75.0	-22.0
(Number of all deaths)	(63)	(62)	(84)	(59)	(73)	(76)	(76)	(92)	(77)	(67)	(61)	-3.2
STATEWIDE												
Accidents (unintentional injuries)	35.8	35.9	37.6	36.7	34.7	40.5	34.3	43.3	36.4	25.9	22.1	-38.3
Motor vehicle accidents	29.4	27.5	26.3	28.1	26.0	30.7	25.0	34.2	26.8	17.3	11.0	-62.6
Other than motor vehicle	6.5	8.4	11.3	8.6	8.7	9.8	9.3	9.1	9.6	8.6	11.2	72.3
Intentional self-harm (suicide)	10.6	11.1	10.5	9.9	9.7	11.8	14.1	13.0	8.5	12.4	10.7	0.9
Assault (homicide)	16.2	14.4	12.9	14.8	11.9	10.8	15.0	18.0	13.3	13.7	9.0	-44.4
Malignant neoplasms	3.5	3.8	5.3	4.3	2.5	4.6	2.8	3.4	3.8	4.6	3.3	-5.7
Diseases of heart	2.1	1.6	2.6	1.8	1.2	1.2	1.4	1.6	1.8	0.9	1.3	-38.1
ALL CAUSES	81.4	78.9	86.6	82.7	75.4	80.8	80.1	93.8	76.9	65.7	55.9	-31.3
(Number of all deaths)	(277)	(290)	(329)	(324)	(304)	(337)	(346)	(412)	(342)	(297)	(255)	-7.9

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

²The five causes with the greatest number of deaths over the 1999-2009 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 2000-2009 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**