

TABLE 2C-13
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ADOLESCENTS (15-19 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 1995-2005

Area/Cause	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	% change from 1995
URBAN												
Accident (unintentional injury)	42.4	33.8	26.6	32.4	29.8	28.9	33.3	36.1	29.9	37.3	28.9	-31.8
Motor vehicle accident	32.5	27.8	20.0	26.4	22.9	21.9	23.4	27.4	22.0	27.1	20.5	-36.9
Other than motor vehicle	9.9	6.0	6.6	6.1	7.0	7.0	9.9	8.7	7.9	10.2	8.4	-15.2
Assault (homicide)	38.4	22.9	19.2	17.7	18.9	16.0	14.4	16.2	13.6	9.9	16.8	-56.3
Intentional self-harm (suicide)	15.8	16.5	21.9	14.7	8.4	12.3	7.4	9.3	9.1	11.4	13.2	-16.5
Malignant neoplasms	2.7	2.8	2.0	4.1	3.3	4.3	5.1	4.4	2.4	4.1	2.8	3.7
Diseases of heart	1.4	1.2	2.3	1.9	2.5	1.7	2.6	1.6	1.2	1.5	1.4	0.0
ALL CAUSES	114.2	93.3	84.5	81.4	72.4	75.4	77.6	82.4	69.8	75.8	75.8	-33.6
(Number of all deaths)	(253)	(232)	(216)	(216)	(199)	(227)	(242)	(265)	(231)	(260)	(270)	(6.7)
RURAL												
Accident (unintentional injury)	68.5	86.0	59.3	57.6	54.9	67.4	57.2	39.8	57.0	54.1	59.4	-13.3
Motor vehicle accident	50.9	66.8	46.1	44.8	50.4	52.4	39.6	31.3	44.5	46.0	46.2	-9.2
Other than motor vehicle	17.6	18.4	13.2	12.8	4.5	15.0	17.6	8.5	12.5	8.1	13.2	-25.0
Intentional self-harm (suicide)	17.6	16.7	18.1	14.4	16.8	6.0	24.9	12.8	12.5	13.5	18.5	5.1
Assault (homicide)	14.1	20.0	14.8	8.0	4.6	7.5	5.9	8.5	4.2	14.9	6.6	-53.2
Malignant neoplasms	8.8	1.7	8.2	1.6	4.6	1.5	5.9	4.3	2.8	6.8	2.6	-70.5
Diseases of heart	1.8	0.0	1.6	3.2	0.0	1.5	2.9	2.8	1.4	0.0	1.3	-27.8
ALL CAUSES	128.2	145.1	117.0	91.1	96.1	92.8	123.2	83.9	101.5	102.7	100.3	-21.8
(Number of all deaths)	(73)	(86)	(71)	(57)	(63)	(62)	(84)	(59)	(73)	(76)	(76)	(4.1)
STATEWIDE												
Accident (unintentional injury)	52.8	46.1	35.7	39.9	35.8	35.9	37.6	36.7	34.7	40.5	34.3	-35.0
Motor vehicle accident	40.9	37.0	27.2	32.3	29.4	27.5	26.3	28.1	26.0	30.7	25.0	-38.9
Other than motor vehicle	11.9	9.1	8.5	7.6	6.5	8.4	11.3	8.6	8.7	9.8	9.3	-21.8
Assault (homicide)	33.4	24.4	19.0	16.8	16.2	14.4	12.9	14.8	11.9	10.8	15.0	-55.1
Intentional self-harm (suicide)	18.7	18.2	23.7	15.2	10.6	11.1	10.5	9.9	9.7	11.8	14.1	-24.6
Malignant neoplasms	4.3	3.3	4.4	3.7	3.5	3.8	5.3	4.3	2.5	4.6	2.8	-34.9
Diseases of heart	1.4	1.6	2.2	2.4	2.1	1.6	2.6	1.8	1.2	1.2	1.4	0.0
ALL CAUSES	130.4	114.6	103.1	90.9	81.4	78.9	86.6	82.7	75.4	80.8	80.1	-38.6
(Number of all deaths)	(363)	(353)	(326)	(298)	(277)	(290)	(329)	(324)	(304)	(337)	(346)	(-4.7)

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

²The five causes with the greatest number of deaths over the 1995-2005 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 2000-2005 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**.