

**TABLE 2C-13
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ADOLESCENTS (15-19 years)
IN URBAN AND RURAL AREAS³, ARIZONA, 1991-2001**

Area/Cause	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	% change from 1991
URBAN												
Accidents (unintentional injuries)	35.8	36.3	39.0	37.3	42.4	33.8	26.6	32.4	29.8	28.9	33.3	-7.0
Motor vehicle accidents	27.6	25.5	30.8	31.6	32.5	27.8	20.0	26.4	22.9	21.9	23.4	-15.2
Other than motor vehicle	8.2	10.9	8.2	5.7	9.9	6.0	6.6	6.1	7.0	7.0	9.9	20.7
Assault (homicide)	22.2	20.3	26.7	28.7	38.4	22.9	19.2	17.7	18.9	16.0	14.4	-35.1
Intentional self-harm (suicide)	16.0	10.9	20.0	20.6	15.8	16.5	21.9	14.7	8.4	12.3	7.4	-53.7
Malignant neoplasm	4.8	3.3	2.6	6.7	2.7	2.8	2.0	4.1	3.3	4.3	5.1	6.2
Diseases of heart	1.5	0.0	3.6	1.4	1.4	1.2	2.3	1.9	2.5	1.7	2.6	73.3
ALL CAUSES	91.4	81.6	103.7	108.1	114.2	93.3	84.5	81.4	72.4	75.4	77.6	-15.1
(Number of all deaths)	(189)	(173)	(202)	(226)	(253)	(232)	(216)	(216)	(199)	(227)	(242)	(28.0)
RURAL												
Accidents (unintentional injuries)	55.6	47.8	80.6	69.8	68.5	86.0	59.3	57.6	54.9	67.4	57.2	2.8
Motor vehicle accidents	42.5	30.3	62.5	52.8	50.9	66.8	46.1	44.8	50.4	52.4	39.6	-6.8
Other than motor vehicle	13.1	14.4	18.1	17.0	17.6	18.4	13.2	12.8	4.5	15.0	17.6	34.3
Intentional self-harm (suicide)	26.2	17.6	31.3	35.8	17.6	16.7	18.1	14.4	16.8	6.0	24.9	-5.0
Assault (homicide)	8.2	12.8	14.8	24.5	14.1	20.0	14.8	8.0	4.6	7.5	5.9	-28.0
Malignant neoplasm	1.6	1.6	8.2	1.9	8.8	1.7	8.2	1.6	4.6	1.5	5.9	268.7
Diseases of heart	1.6	1.6	0.0	5.7	1.8	0.0	1.6	3.2	0.0	1.5	2.9	81.2
ALL CAUSES	116.2	100.5	159.6	145.2	128.2	145.1	117.0	91.1	96.1	92.8	123.2	6.0
(Number of all deaths)	(71)	(63)	(97)	(77)	(73)	(86)	(71)	(57)	(63)	(62)	(84)	(18.3)
STATEWIDE												
Accidents (unintentional injuries)	40.3	39.0	48.9	43.9	52.8	46.1	35.7	39.9	35.8	35.9	37.6	-6.7
Motor vehicle accidents	31.0	26.6	38.4	35.9	40.9	37.0	27.2	32.3	29.4	27.5	26.3	-15.2
Other than motor vehicle	9.3	12.4	10.6	8.0	11.9	9.1	8.5	7.6	6.5	8.4	11.3	21.5
Assault (homicide)	19.0	18.6	23.9	27.9	33.4	24.4	19.0	16.8	16.2	14.4	12.9	32.1
Intentional self-harm (suicide)	18.3	12.4	22.7	23.7	18.7	18.2	23.7	15.2	10.6	11.1	10.5	-42.6
Malignant neoplasm	4.1	2.9	3.9	5.7	4.3	3.3	4.4	3.7	3.5	3.8	5.3	29.3
Diseases of heart	1.5	0.4	2.7	2.3	1.4	1.6	2.2	2.4	2.1	1.6	2.6	73.3
ALL CAUSES	97.0	85.9	117.0	115.6	130.4	114.6	103.1	90.9	81.4	78.9	86.6	-10.7
(Number of all deaths)	(260)	(236)	(299)	(303)	(363)	(353)	(326)	(298)	(277)	(290)	(329)	(26.5)

¹Rates are presented per 100,000 adolescents 15-19 years old.

²The five causes with the greatest number of deaths statewide over the 1991-2001 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. Note: 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 and 2001 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*