

**TABLE 2C-12
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ADOLESCENTS (15-19 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 2001-2011**

Area/Cause	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	% change from 2001
URBAN												
Accidents (unintentional injuries)	33.3	36.1	29.9	37.3	28.9	40.3	30.9	23.7	18.7	17.0	18.4	-44.7
Motor vehicle accidents	23.4	27.4	22.0	27.1	20.5	32.2	21.9	14.8	9.6	9.3	10.8	-53.8
Other	9.9	8.7	7.9	10.2	8.4	8.1	9.0	8.9	9.1	7.7	1.0	-89.9
Intentional self-harm (suicide)	7.4	9.3	9.1	11.4	13.2	10.6	8.2	9.4	9.6	7.2	8.5	14.9
Assault (homicide)	14.4	16.2	13.6	9.9	16.8	20.0	14.8	15.3	9.6	6.7	6.4	-55.6
Malignant neoplasms	5.1	4.4	2.4	4.1	2.8	2.8	3.8	4.6	3.2	2.3	2.8	-45.1
Diseases of heart	2.6	1.6	1.2	1.5	1.4	1.4	1.6	1.1	1.3	1.5	1.3	-50.0
ALL CAUSES	77.6	82.4	69.8	75.8	75.8	88.9	72.5	61.4	51.5	43.6	45.3	-41.6
(Number of all deaths)	(242)	(265)	(231)	(260)	(270)	(320)	(265)	(230)	(194)	(169)	(177)	(-26.9)
RURAL												
Accidents (unintentional injuries)	57.2	39.8	57.0	54.1	59.4	56.8	61.9	36.0	36.9	25.5	26.9	-53.0
Motor vehicle accidents	39.6	31.3	44.5	46.0	46.2	42.9	49.2	28.6	17.2	13.4	21.5	-45.7
Other	17.6	8.5	12.5	8.1	13.2	13.9	12.7	7.4	19.7	12.1	0.0	NA
Intentional self-harm (suicide)	24.9	12.8	12.5	13.5	18.5	24.0	10.1	26.1	16.0	14.8	22.9	-8.0
Assault (homicide)	5.9	8.5	4.2	14.9	6.6	8.8	6.3	7.5	6.1	6.7	5.4	-8.5
Malignant neoplasms	5.9	4.3	2.8	6.8	2.6	6.3	3.8	6.2	3.7	4.0	5.4	-8.5
Diseases of heart	2.9	2.8	1.4	0.0	1.3	2.5	2.5	0.0	1.2	1.3	0.0	NA
ALL CAUSES	123.2	83.9	101.5	102.7	100.3	116.2	97.2	83.3	75.0	68.6	72.7	-41.0
(Number of all deaths)	(84)	(59)	(73)	(76)	(76)	(92)	(77)	(67)	(61)	(51)	(54)	(-35.7)
STATEWIDE												
Accidents (unintentional injuries)	37.6	36.7	34.7	40.5	34.3	43.3	36.4	25.9	22.1	18.4	19.8	-47.3
Motor vehicle accidents	26.3	28.1	26.0	30.7	25.0	34.2	26.8	17.3	11.0	10.0	12.5	-52.5
Other	11.3	8.6	8.7	9.8	9.3	9.1	9.6	8.6	11.2	8.4	0.9	-92.0
Intentional self-harm (suicide)	10.5	9.9	9.7	11.8	14.1	13.0	8.5	12.4	10.7	8.4	10.8	2.9
Assault (homicide)	12.9	14.8	11.9	10.8	15.0	18.0	13.3	13.7	9.0	6.7	6.2	-51.9
Malignant neoplasms	5.3	4.3	2.5	4.6	2.8	3.4	3.8	4.6	3.3	2.6	3.2	-39.6
Diseases of heart	2.6	1.8	1.2	1.2	1.4	1.6	1.8	0.9	1.3	1.5	1.1	-57.7
ALL CAUSES	86.6	82.7	75.4	80.8	80.1	93.8	76.9	65.7	55.9	47.7	49.7	-42.6
(Number of all deaths)	(329)	(324)	(304)	(337)	(346)	(412)	(342)	(297)	(255)	(220)	(231)	(-29.8)

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

²The five causes with the greatest number of deaths over the 2001-2011 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 2001-2011 are classified by ICD-10. 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**.