

**TABLE 2C-9
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG CHILDREN (1-14 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)	8.1	10.0	11.3	7.1	7.3	6.8	9.2	7.1	6.5	5.4	6.4	-20.7
Motor vehicle accidents	4.9	5.6	4.8	3.4	4.2	3.7	4.2	3.9	3.2	2.0	3.2	-34.7
Drowning	2.2	3.0	3.5	2.2	2.2	2.1	2.3	1.4	1.3	1.8	1.8	-18.2
Other	1.1	1.4	3.0	1.5	0.9	1.0	2.7	1.8	2.0	1.7	1.5	36.4
Malignant neoplasms	2.6	2.9	2.6	2.0	2.8	1.6	2.2	1.5	3.4	2.6	2.6	0.0
Congenital malformations	1.6	1.2	2.0	1.6	1.6	1.5	1.7	2.4	0.8	1.7	1.3	-18.8
Assault (homicide)	1.3	1.0	2.4	1.6	0.9	1.4	1.3	1.1	1.4	1.1	1.3	0.0
Diseases of heart	0.8	0.7	0.7	0.7	0.5	0.8	0.4	1.0	0.4	0.4	0.3	-62.5
ALL CAUSES	21.4	24.4	27.3	21.8	22.4	18.3	21.9	20.9	18.6	18.5	19.4	-9.3
(Number of all deaths)	(179)	(216)	(251)	(207)	(219)	(184)	(229)	(228)	(206)	(210)	(221)	23.5
RURAL												
Accidents (unintentional injuries)	16.0	14.5	13.2	15.3	18.0	14.6	7.6	12.0	12.0	10.3	8.8	-45.0
Motor vehicle accidents	9.0	6.5	7.9	11.8	11.0	9.2	6.2	5.5	9.0	6.4	5.8	-35.6
Drowning	2.1	1.6	1.1	0.5	1.5	1.5	0.5	2.0	0.5	2.5	1.0	-52.4
Other	4.8	6.4	4.2	3.0	5.5	3.9	0.9	4.5	2.5	1.5	1.9	-60.4
Malignant neoplasms	2.7	1.6	1.1	1.5	2.0	2.9	0.5	0.5	2.0	0.5	1.9	-29.6
Congenital malformations	2.1	0.0	1.6	1.0	2.5	1.5	2.4	1.0	2.0	1.5	1.9	-9.5
Assault (homicide)	0.0	0.0	1.1	1.5	0.5	1.9	1.9	1.5	1.0	1.0	1.5	NA
Intentional self-harm (suicide)	2.1	1.1	1.6	2.0	1.0	0.5	2.8	2.0	0.5	1.5	0.5	-76.2
ALL CAUSES	30.3	29.6	35.3	32.7	33.5	31.1	26.5	25.0	24.9	25.5	23.8	-21.5
(Number of all deaths)	(57)	(55)	(67)	(64)	(67)	(64)	(56)	(50)	(50)	(52)	(49)	-14.0
STATEWIDE												
Accidents (unintentional injuries)	9.7	10.8	11.6	8.5	9.1	8.1	8.9	7.9	7.3	6.2	6.8	-29.9
Motor vehicle accidents	5.8	5.8	5.3	4.8	5.4	4.6	4.5	4.2	4.1	2.6	3.6	-37.9
Drowning	2.2	2.8	3.1	1.9	2.0	2.0	2.0	1.5	1.1	2.0	1.6	-27.3
Other	1.8	2.2	3.2	1.8	1.7	1.5	2.4	2.2	2.1	1.6	1.6	-11.1
Malignant neoplasms	2.7	2.7	2.3	1.9	2.6	1.8	1.9	1.3	3.2	2.3	2.5	-7.4
Congenital malformations	1.7	1.0	1.9	1.5	1.8	1.5	1.8	2.2	1.0	1.7	1.4	-17.6
Assault (homicide)	1.1	0.8	2.2	1.6	0.8	1.5	1.4	1.2	1.4	1.1	1.3	18.2
Intentional self-harm (suicide)	0.7	0.6	0.8	1.0	0.7	0.2	0.9	0.9	0.4	0.6	0.3	-57.1
ALL CAUSES	24.1	25.3	28.8	23.7	24.3	20.4	22.7	21.5	19.5	19.7	20.2	-16.2
(Number of all deaths)	(246)	(271)	(320)	(271)	(286)	(248)	(285)	(278)	(256)	(262)	(271)	10.2

¹Number of deaths per 100,000 children 1-14 years old.

²The five causes with the greatest number of deaths over the 1999-2009 period. In 1999-2009 diseases of heart (66 deaths) replaced suicide (52 deaths) as the 5th leading cause of death among urban children 1-14 years old.

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 Notes**.