

**TABLE 2C-8**  
**MORTALITY RATES<sup>1</sup> FOR THE FIVE LEADING CAUSES<sup>2</sup> OF DEATH AMONG CHILDREN (1-14 YEARS) BY GENDER,**  
**ARIZONA, 1999-2009**

| Gender/Cause                       | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | % change from 1999 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| <b>MALE</b>                        |       |       |       |       |       |       |       |       |       |       |       |                    |
| Accidents (unintentional injuries) | 12.2  | 13.6  | 13.7  | 9.6   | 11.3  | 9.5   | 10.0  | 8.0   | 8.3   | 7.8   | 8.0   | -34.4              |
| Motor vehicle accidents            | 7.9   | 6.6   | 6.5   | 5.1   | 6.5   | 5.2   | 4.5   | 4.2   | 4.6   | 2.5   | 4.2   | -46.8              |
| Drowning                           | 2.1   | 3.5   | 3.5   | 2.4   | 2.8   | 2.7   | 2.3   | 0.9   | 1.5   | 2.9   | 2.6   | 23.8               |
| Other                              | 2.2   | 3.5   | 3.7   | 2.1   | 2.0   | 1.6   | 3.2   | 2.9   | 2.2   | 2.4   | 1.2   | -45.5              |
| Malignant neoplasms                | 2.4   | 2.7   | 2.5   | 1.4   | 2.7   | 1.6   | 1.7   | 1.7   | 2.2   | 2.5   | 3.1   | 29.2               |
| Congenital malformations           | 1.5   | 1.1   | 1.4   | 1.2   | 1.7   | 1.6   | 1.9   | 2.3   | 0.7   | 1.8   | 1.5   | 0.0                |
| Assault (homicide)                 | 0.9   | 1.1   | 1.9   | 1.9   | 0.7   | 2.3   | 2.0   | 1.5   | 1.3   | 1.2   | 0.9   | 0.0                |
| Intentional self-harm (suicide)    | 1.1   | 0.9   | 1.6   | 1.0   | 1.2   | 0.3   | 1.1   | 0.5   | 0.4   | 0.9   | 0.4   | -63.6              |
| ALL CAUSES                         | 26.8  | 29.8  | 31.3  | 25.8  | 27.5  | 23.7  | 26.1  | 22.7  | 20.0  | 22.3  | 21.5  | -19.8              |
| (Number of all deaths)             | (143) | (164) | (178) | (151) | (166) | (147) | (168) | (150) | (134) | (152) | (148) | 3.5                |
| <b>FEMALE</b>                      |       |       |       |       |       |       |       |       |       |       |       |                    |
| Accidents (unintentional injuries) | 7.0   | 7.8   | 9.4   | 7.3   | 6.8   | 6.6   | 7.8   | 7.8   | 6.3   | 4.6   | 5.5   | -21.4              |
| Motor vehicle accidents            | 3.5   | 5.0   | 4.1   | 4.5   | 4.2   | 4.1   | 4.6   | 4.1   | 3.6   | 2.8   | 2.9   | -17.1              |
| Drowning                           | 2.3   | 2.1   | 2.6   | 1.4   | 1.2   | 1.2   | 1.6   | 2.1   | 0.8   | 0.9   | 0.6   | -73.9              |
| Other                              | 1.2   | 0.7   | 2.7   | 1.4   | 1.4   | 1.0   | 1.6   | 1.6   | 1.9   | 0.9   | 2.0   | 66.7               |
| Malignant neoplasms                | 3.1   | 2.7   | 2.2   | 2.5   | 2.6   | 2.0   | 2.1   | 0.9   | 4.2   | 2.0   | 1.8   | -41.9              |
| Assault (homicide)                 | 1.2   | 0.6   | 2.4   | 1.3   | 1.0   | 0.7   | 0.8   | 0.8   | 1.4   | 0.9   | 1.8   | 50.0               |
| Congenital malformations           | 1.8   | 1.0   | 2.4   | 1.8   | 1.9   | 1.4   | 1.8   | 2.1   | 1.3   | 1.5   | 1.4   | -22.2              |
| Influenza and pneumonia            | 0.6   | 0.6   | 0.7   | 0.4   | 0.5   | 0.7   | 0.5   | 0.9   | 0.2   | 0.6   | 0.5   | -16.7              |
| ALL CAUSES                         | 21.1  | 20.4  | 26.2  | 21.5  | 20.9  | 17.0  | 19.0  | 20.3  | 19.1  | 17.0  | 18.8  | -10.9              |
| (Number of all deaths)             | (103) | (107) | (142) | (120) | (120) | (101) | (117) | (128) | (122) | (110) | (123) | 19.4               |
| <b>TOTAL</b>                       |       |       |       |       |       |       |       |       |       |       |       |                    |
| 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               |

<sup>1</sup>Number of deaths per 100,000 children 1-14 years old.

<sup>2</sup>The five causes with the greatest number of deaths over the 1999-2009 period.

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 2000-2009 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**.