

**TABLE 2C-12
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ADOLESCENTS
(15-19 YEARS) BY GENDER, ARIZONA, 1991-2001**

| Area/Gender | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | % change from 1991 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|
| MALE | | | | | | | | | | | | |
| Accidents (unintentional injuries) | 55.1 | 54.5 | 66.6 | 61.2 | 77.9 | 61.9 | 48.5 | 50.9 | 50.2 | 47.2 | 51.3 | -6.9 |
| Motor vehicle accidents | 41.3 | 32.5 | 50.5 | 47.0 | 57.5 | 47.8 | 35.4 | 41.1 | 40.7 | 34.1 | 33.5 | -18.9 |
| Other than motor vehicle | 13.8 | 21.9 | 16.1 | 14.2 | 20.3 | 14.1 | 13.2 | 9.8 | 9.5 | 13.1 | 17.8 | 29.0 |
| Assault (homicide) | 30.5 | 31.8 | 37.5 | 47.0 | 56.8 | 46.0 | 30.0 | 24.3 | 25.6 | 22.6 | 22.8 | -25.2 |
| Intentional self-harm (suicide) | 29.0 | 22.6 | 36.7 | 41.0 | 33.0 | 31.3 | 37.8 | 25.5 | 17.3 | 18.9 | 15.2 | -47.6 |
| Malignant neoplasm | 5.1 | 2.1 | 4.6 | 3.7 | 5.6 | 6.1 | 6.6 | 3.5 | 2.2 | 6.3 | 5.6 | 9.8 |
| Diseases of heart | 2.2 | --- | 2.3 | 3.0 | 2.8 | --- | 2.4 | 3.5 | 3.9 | 2.1 | 4.1 | 86.4 |
| ALL CAUSES | 139.3 | 126.6 | 171.4 | 166.4 | 204.8 | 163.1 | 148.0 | 123.4 | 117.6 | 112.3 | 119.3 | -14.4 |
| (Number of all deaths) | (192) | (179) | (224) | (223) | (292) | (266) | (247) | (214) | (211) | (214) | (235) | (22.4) |
| FEMALE | | | | | | | | | | | | |
| Accidents (unintentional injuries) | 24.6 | 22.5 | 30.5 | 25.8 | 26.5 | 28.3 | 21.4 | 27.7 | 19.9 | 23.7 | 22.9 | -6.9 |
| Motor vehicle accidents | 20.6 | 20.3 | 25.6 | 24.2 | 23.6 | 24.9 | 18.1 | 22.6 | 16.8 | 20.3 | 18.6 | -9.7 |
| Other than motor vehicle | 4.6 | 2.3 | 4.8 | 1.6 | 2.9 | 3.5 | 3.3 | 5.2 | 3.1 | 3.4 | 4.3 | -6.5 |
| Assault (homicide) | 6.9 | 4.5 | 9.6 | 7.8 | 8.8 | 4.8 | 6.7 | 8.4 | 5.6 | 5.6 | 2.2 | -68.1 |
| Intentional self-harm (suicide) | 6.9 | 1.5 | 8.0 | 5.5 | 3.7 | 3.5 | 8.0 | 3.9 | 3.1 | 2.8 | 5.5 | -20.3 |
| Malignant neoplasm | 3.1 | 3.8 | 3.2 | 7.8 | 2.9 | 2.8 | 2.0 | 3.9 | 5.0 | 1.1 | 4.9 | 58.1 |
| Diseases of heart | 0.8 | 0.8 | 3.2 | 1.6 | --- | 3.5 | 2.0 | 1.3 | --- | 1.1 | 1.1 | 37.5 |
| ALL CAUSES | 52.3 | 42.8 | 60.1 | 62.4 | 52.3 | 60.1 | 52.9 | 54.2 | 41.0 | 42.9 | 51.4 | -1.7 |
| (Number of all deaths) | (68) | (57) | (75) | (80) | (71) | (87) | (79) | (84) | (66) | (76) | (94) | (38.2) |
| TOTAL | | | | | | | | | | | | |
| 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 over the 1991-2001 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 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*.