

**TABLE 2C-16**  
**MORTALITY RATES<sup>1</sup> FOR THE FIVE LEADING CAUSES<sup>2</sup> OF DEATH AMONG YOUNG ADULTS (20-44 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) | 70.5   | 57.3   | 72.5   | 61.8   | 63.3   | 54.8   | 63.2   | 69.2   | 60.6   | 54.4   | 53.7   | -23.8              |
| Motor vehicle accidents            | 34.1   | 30.2   | 34.5   | 30.7   | 33.6   | 27.8   | 34.2   | 34.5   | 29.2   | 23.8   | 20.2   | -40.8              |
| Other than motor vehicle           | 36.4   | 27.1   | 38.0   | 31.1   | 29.7   | 27.0   | 29.0   | 34.7   | 31.4   | 30.6   | 33.4   | -8.2               |
| Intentional self-harm (suicide)    | 30.4   | 28.3   | 21.7   | 31.3   | 30.2   | 28.3   | 28.3   | 27.4   | 30.3   | 23.5   | 25.1   | -17.6              |
| Diseases of heart                  | 19.1   | 16.2   | 16.6   | 17.2   | 16.3   | 15.4   | 15.3   | 15.9   | 14.3   | 13.3   | 14.0   | -26.7              |
| Assault (homicide)                 | 24.7   | 20.0   | 25.9   | 25.6   | 22.9   | 23.7   | 24.7   | 24.2   | 22.8   | 19.2   | 13.4   | -45.9              |
| Malignant neoplasms                | 18.6   | 15.7   | 15.9   | 15.7   | 14.2   | 14.0   | 11.9   | 11.0   | 11.3   | 12.6   | 12.0   | -35.5              |
| ALL CAUSES                         | 221.9  | 213.0  | 217.1  | 211.8  | 204.3  | 189.4  | 191.8  | 199.6  | 184.7  | 167.9  | 161.3  | -27.3              |
| (Number of all deaths)             | (2048) | (2059) | (2172) | (2186) | (2169) | (2091) | (2185) | (2290) | (2166) | (2001) | (1944) | -5.1               |
| <b>FEMALE</b>                      |        |        |        |        |        |        |        |        |        |        |        |                    |
| Accidents (unintentional injuries) | 23.4   | 16.7   | 22.0   | 21.9   | 22.5   | 21.8   | 24.9   | 25.0   | 25.2   | 20.4   | 20.8   | -11.1              |
| Motor vehicle accidents            | 14.0   | 10.1   | 10.5   | 12.0   | 12.2   | 12.7   | 13.8   | 13.1   | 12.2   | 8.3    | 7.5    | -46.4              |
| Other than motor vehicle           | 9.4    | 6.6    | 11.5   | 9.9    | 10.3   | 9.1    | 11.1   | 11.9   | 13.0   | 12.1   | 13.3   | 41.5               |
| Malignant neoplasms                | 21.0   | 21.0   | 21.2   | 18.7   | 15.9   | 18.2   | 13.4   | 16.4   | 15.5   | 13.7   | 15.9   | -24.3              |
| Intentional self-harm (suicide)    | 7.8    | 7.2    | 4.3    | 6.2    | 7.4    | 7.2    | 7.5    | 7.0    | 7.1    | 6.0    | 9.4    | 20.5               |
| Diseases of heart                  | 7.5    | 6.2    | 7.6    | 7.3    | 7.0    | 6.6    | 7.8    | 5.0    | 6.7    | 5.8    | 6.7    | -10.7              |
| Assault (homicide)                 | 7.3    | 4.5    | 6.2    | 3.9    | 5.1    | 4.5    | 3.7    | 4.0    | 4.7    | 3.2    | 4.0    | -45.2              |
| ALL CAUSES                         | 99.5   | 96.3   | 95.5   | 94.3   | 94.5   | 89.2   | 87.1   | 91.2   | 87.9   | 69.5   | 86.5   | -13.1              |
| (Number of all deaths)             | (881)  | (874)  | (897)  | (913)  | (941)  | (922)  | (936)  | (968)  | (954)  | (828)  | (973)  | 10.4               |
| <b>TOTAL</b>                       |        |        |        |        |        |        |        |        |        |        |        |                    |
| Accidents (unintentional injuries) | 47.5   | 37.7   | 48.1   | 42.5   | 43.5   | 38.8   | 44.6   | 47.9   | 43.6   | 38.0   | 37.8   | -20.4              |
| Motor vehicle accidents            | 24.3   | 20.5   | 22.9   | 21.6   | 23.3   | 20.5   | 24.3   | 24.2   | 21.0   | 16.3   | 14.1   | -42.0              |
| Other than motor vehicle           | 23.2   | 17.2   | 25.2   | 20.9   | 20.2   | 18.3   | 20.3   | 23.7   | 22.6   | 21.7   | 23.7   | 2.2                |
| Intentional self-harm (suicide)    | 19.4   | 18.1   | 13.3   | 19.1   | 19.2   | 18.1   | 18.2   | 17.6   | 19.1   | 15.0   | 17.5   | -9.8               |
| Malignant neoplasms                | 19.8   | 18.3   | 18.5   | 17.1   | 15.0   | 16.0   | 12.6   | 13.6   | 13.3   | 9.7    | 13.9   | -29.8              |
| Diseases of heart                  | 13.4   | 11.4   | 12.2   | 12.4   | 11.8   | 11.1   | 11.7   | 10.7   | 10.7   | 11.5   | 10.5   | -21.6              |
| Assault (homicide)                 | 16.2   | 12.5   | 16.3   | 15.1   | 14.3   | 14.5   | 14.5   | 14.5   | 14.1   | 13.1   | 8.8    | -45.7              |
| ALL CAUSES                         | 162.0  | 156.5  | 158.2  | 154.9  | 151.1  | 141.0  | 140.9  | 147.5  | 138.2  | 123.0  | 125.2  | -22.7              |
| (Number of all deaths)             | (2929) | (2933) | (3069) | (3099) | (3110) | (3013) | (3121) | (3258) | (3120) | (2829) | (2917) | -0.4               |

<sup>1</sup>Rates are presented per 100,000 persons 20-44 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**.