

TABLE 2C-15
MORTALITY RATES^a FOR THE SELECTED FIVE LEADING CAUSES^b OF DEATH AMONG YOUNG ADULTS (20-44 YEARS) BY GENDER
ARIZONA, 2007-2017

| Gender/Cause | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | % change from 2007 |
|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| MALE | | | | | | | | | | | | |
| Accidents (unintentional injuries) | 60.6 | 54.4 | 53.7 | 52.6 | 57.9 | 52.8 | 56.7 | 54.3 | 63.3 | 71.2 | 76.7 | 26.5 |
| Other | 31.4 | 30.6 | 33.4 | 27.5 | 8.7 | 31.2 | 38.0 | 35.9 | 38.6 | 46.9 | 52.6 | 67.5 |
| Motor vehicle accidents | 29.2 | 23.8 | 20.2 | 19.8 | 20.6 | 21.6 | 18.7 | 18.4 | 24.7 | 24.3 | 24.1 | -17.5 |
| Intentional self-harm (suicide) | 30.3 | 23.5 | 25.1 | 31.5 | 32.4 | 29.0 | 30.8 | 28.7 | 30.8 | 30.9 | 33.5 | 10.4 |
| Assault (homicide) | 22.8 | 19.2 | 13.4 | 20.1 | 18.2 | 16.1 | 16.1 | 13.3 | 16.6 | 17.8 | 19.4 | -15.0 |
| Diseases of heart | 14.3 | 13.3 | 14.0 | 11.7 | 14.7 | 13.5 | 14.2 | 14.0 | 13.6 | 12.0 | 14.7 | 2.6 |
| Malignant neoplasms | 11.3 | 12.6 | 12.0 | 12.8 | 11.0 | 12.3 | 13.4 | 11.2 | 13.0 | 11.3 | 12.0 | 6.3 |
| ALL CAUSES | 184.7 | 167.9 | 161.3 | 177.2 | 176.1 | 173.6 | 187.2 | 183.0 | 192.0 | 200.6 | 207.7 | 12.4 |
| (Number of all deaths) | (2,166) | (2,001) | (1,944) | (1,920) | (1,923) | (1,910) | (2,082) | (2,071) | (2,191) | (2,304) | (2,421) | 11.8 |
| FEMALE | | | | | | | | | | | | |
| Accidents (unintentional injuries) | 25.2 | 20.4 | 20.8 | 22.4 | 25.2 | 22.8 | 24.5 | 21.3 | 28.2 | 26.6 | 29.3 | 16.5 |
| Other | 13.0 | 12.1 | 13.3 | 15.0 | 2.1 | 15.1 | 16.9 | 14.7 | 19.1 | 17.5 | 18.6 | 43.1 |
| Motor vehicle accidents | 12.2 | 8.3 | 7.5 | 7.4 | 9.7 | 7.7 | 7.6 | 6.6 | 9.1 | 9.0 | 10.7 | -11.9 |
| Malignant neoplasms | 15.5 | 13.7 | 15.9 | 14.0 | 15.7 | 17.6 | 17.4 | 14.0 | 13.5 | 16.7 | 14.5 | -6.2 |
| Intentional self-harm (suicide) | 7.1 | 6.0 | 9.4 | 6.8 | 8.9 | 8.7 | 9.6 | 9.0 | 10.5 | 9.9 | 11.2 | 57.7 |
| Diseases of heart | 6.7 | 5.8 | 6.7 | 4.6 | 6.4 | 7.0 | 5.6 | 6.6 | 7.2 | 5.1 | 7.0 | 3.8 |
| Assault (homicide) | 4.7 | 3.2 | 4.0 | 3.5 | 2.4 | 4.3 | 3.4 | 2.9 | 3.2 | 3.7 | 3.8 | -19.3 |
| ALL CAUSES | 87.9 | 69.5 | 86.5 | 84.4 | 89.2 | 94.5 | 97.7 | 91.9 | 99.0 | 103.8 | 101.4 | 15.4 |
| (Number of all deaths) | (954) | (828) | (973) | (876) | (933) | (990) | (1,033) | (991) | (1,080) | (1,137) | (1,123) | 17.7 |
| TOTAL | | | | | | | | | | | | |
| Accidents (unintentional injuries) | 43.6 | 38.0 | 37.8 | 37.8 | 41.9 | 38.2 | 41.0 | 38.2 | 46.1 | 49.4 | 53.6 | 23.0 |
| Other | 22.6 | 21.7 | 23.7 | 24.1 | 5.5 | 23.3 | 27.7 | 25.6 | 29.0 | 32.6 | 36.0 | 59.4 |
| Motor vehicle accidents | 21.0 | 16.3 | 14.1 | 13.7 | 15.2 | 14.9 | 13.3 | 12.6 | 17.1 | 16.8 | 17.6 | -16.2 |
| Intentional self-harm (suicide) | 19.1 | 15.0 | 17.5 | 19.4 | 20.9 | 19.1 | 20.5 | 19.1 | 20.9 | 20.6 | 22.6 | 18.4 |
| Malignant neoplasms | 13.3 | 9.7 | 13.9 | 13.4 | 13.3 | 14.9 | 15.3 | 12.6 | 13.2 | 13.9 | 13.2 | -0.4 |
| Assault (homicide) | 14.1 | 13.1 | 8.8 | 12.0 | 10.5 | 10.3 | 9.9 | 8.2 | 10.0 | 11.0 | 11.8 | -16.4 |
| Diseases of heart | 10.7 | 11.5 | 10.5 | 8.2 | 10.6 | 10.3 | 10.0 | 10.4 | 10.5 | 8.6 | 10.9 | 2.0 |
| ALL CAUSES | 138.2 | 123.0 | 125.2 | 131.8 | 133.6 | 135.0 | 143.5 | 138.6 | 146.6 | 153.3 | 155.9 | 12.8 |
| (Number of all deaths) | (3,120) | (2,829) | (2,917) | (2,796) | (2,856) | (2,900) | (3,115) | (3,062) | (3,271) | (3,441) | (3,544) | 13.6 |

Notes: ^a Rates are presented per 100,000 persons 20-44 years old; ^b The five causes with the greatest number of deaths over the 2007-2017 period; the cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10); the causes of death for 2007-2017 are classified by ICD-10, replacing the Ninth Revision (ICD-9); 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**.