

**TABLE 5E-32  
RATES\* FOR THE LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2009**

| Underlying cause of death                         | ARIZONA | County of residence |         |          |       |        |          |          |        |        |       |       |            |         |       |        |
|---|---------|---------------------|---------|----------|-------|--------|----------|----------|--------|--------|-------|-------|------------|---------|-------|--------|
|   |         | Apache              | Cochise | Coconino | Gila  | Graham | Greenlee | Maricopa | Mohave | Navajo | Pima  | Pinal | Santa Cruz | Yavapai | Yuma  | La Paz |
| <b>Malignant neoplasms</b>                        | 167.9   | 116.7               | 168.9   | 124.3    | 169.7 | 111.5  | 119.1    | 161.0    | 223.0  | 200.7  | 177.8 | 163.0 | 126.0      | 202.2   | 188.0 | 165.8  |
| Malignant neoplasm of trachea, bronchus and lung  | 39.1    | 11.7                | 40.9    | 20.2     | 37.7  | 12.4   | 39.7     | 38.1     | 78.1   | 15.7   | 39.0  | 39.7  | 0.0        | 51.0    | 45.7  | 55.3   |
| Malignant neoplasm of breast*                     | 30.7    | 0.0                 | 36.5    | 22.6     | 0.0   | 50.2   | 0.0      | 28.8     | 29.4   | 75.1   | 35.6  | 17.2  | 50.1       | 37.7    | 43.5  | 0.0    |
| Malignant neoplasm of colon, rectum, and anus     | 14.9    | 5.8                 | 21.8    | 17.3     | 12.6  | 0.0    | 39.7     | 13.7     | 21.0   | 23.6   | 13.7  | 15.6  | 0.0        | 21.4    | 20.3  | 18.4   |
| Malignant neoplasm of pancreas                    | 10.3    | 11.7                | 8.2     | 8.7      | 6.3   | 0.0    | 0.0      | 10.1     | 13.3   | 19.7   | 12.5  | 8.5   | 9.0        | 4.9     | 10.2  | 0.0    |
| <b>Diseases of heart</b>                          | 112.9   | 105.1               | 171.7   | 104.1    | 138.3 | 99.1   | 0.0      | 97.8     | 276.4  | 133.8  | 110.6 | 113.4 | 90.0       | 154.5   | 99.1  | 257.9  |
| <b>Accident (unintentional injury)</b>            | 53.6    | 134.2               | 62.7    | 63.6     | 81.7  | 49.6   | 79.4     | 46.8     | 68.6   | 110.2  | 52.3  | 52.4  | 36.0       | 59.2    | 66.1  | 36.8   |
| Accidental poisoning                              | 25.6    | 35.0                | 21.8    | 23.1     | 18.9  | 24.8   | 39.7     | 23.8     | 32.4   | 27.6   | 28.6  | 22.7  | 9.0        | 24.7    | 35.6  | 18.4   |
| Motor vehicle accident                            | 14.0    | 46.7                | 16.3    | 20.2     | 44.0  | 0.0    | 39.7     | 10.2     | 26.7   | 39.4   | 12.9  | 21.3  | 9.0        | 21.4    | 15.2  | 0.0    |
| Falls   | 4.9     | 17.5                | 8.2     | 5.8      | 6.3   | 12.4   | 0.0      | 4.6      | 3.8    | 15.7   | 3.2   | 4.3   | 9.0        | 6.6     | 2.5   | 0.0    |
| <b>Chronic liver disease and cirrhosis</b>        | 29.1    | 29.2                | 38.1    | 60.7     | 25.1  | 12.4   | 39.7     | 23.5     | 40.0   | 70.9   | 30.6  | 39.7  | 27.0       | 37.8    | 20.3  | 110.5  |
| <b>Intentional self-harm (suicide)</b>            | 25.6    | 23.3                | 27.2    | 31.8     | 25.1  | 12.4   | 39.7     | 21.7     | 57.2   | 19.7   | 25.7  | 31.2  | 18.0       | 42.7    | 20.3  | 128.9  |
| By discharge of firearms                          | 14.0    | 17.5                | 16.3    | 8.7      | 18.9  | 12.4   | 39.7     | 12.8     | 26.7   | 11.8   | 14.1  | 15.6  | 0.0        | 18.1    | 10.2  | 55.3   |
| By other means                                    | 11.7    | 5.8                 | 10.9    | 23.1     | 6.3   | 0.0    | 0.0      | 8.9      | 30.5   | 7.9    | 11.7  | 15.6  | 18.0       | 24.7    | 10.2  | 73.7   |
| <b>Chronic lower respiratory diseases</b>         | 21.5    | 5.8                 | 24.5    | 17.3     | 50.3  | 49.6   | 0.0      | 18.4     | 32.4   | 19.7   | 24.9  | 26.9  | 9.0        | 36.2    | 17.8  | 18.4   |
| <b>Diabetes</b>                                   | 18.2    | 23.3                | 19.1    | 5.8      | 37.7  | 12.4   | 0.0      | 15.4     | 28.6   | 39.4   | 24.1  | 17.0  | 18.0       | 13.1    | 17.8  | 55.3   |
| <b>Cerebrovascular diseases</b>                   | 15.0    | 11.7                | 24.5    | 23.1     | 18.9  | 0.0    | 0.0      | 12.7     | 7.6    | 15.7   | 17.3  | 18.4  | 45.0       | 11.5    | 40.7  | 18.4   |
| <b>Viral hepatitis</b>                            | 11.8    | 11.7                | 8.2     | 2.9      | 18.9  | 12.4   | 0.0      | 11.5     | 11.4   | 11.8   | 14.1  | 8.5   | 0.0        | 23.0    | 7.6   | 0.0    |
| <b>Influenza and pneumonia</b>                    | 9.7     | 35.0                | 0.0     | 14.5     | 12.6  | 24.8   | 0.0      | 9.6      | 9.5    | 15.7   | 5.6   | 14.2  | 0.0        | 9.9     | 12.7  | 18.4   |
| <b>Septicemia</b>                                 | 7.6     | 0.0                 | 16.3    | 8.7      | 18.9  | 0.0    | 0.0      | 7.1      | 7.6    | 7.9    | 5.2   | 8.5   | 0.0        | 9.9     | 10.2  | 18.4   |
| <b>Assault (homicide)</b>                         | 4.9     | 29.2                | 0.0     | 0.0      | 12.6  | 0.0    | 0.0      | 5.1      | 5.7    | 0.0    | 5.2   | 8.5   | 0.0        | 1.6     | 0.0   | 0.0    |
| By discharge of firearms                          | 2.6     | 5.8                 | 0.0     | 0.0      | 6.3   | 0.0    | 0.0      | 2.6      | 1.9    | 0.0    | 2.8   | 7.1   | 0.0        | 1.6     | 0.0   | 0.0    |
| By other means                                    | 2.4     | 23.3                | 0.0     | 0.0      | 6.3   | 0.0    | 0.0      | 2.5      | 3.8    | 0.0    | 2.4   | 1.4   | 0.0        | 0.0     | 0.0   | 0.0    |
| <b>Human immunodeficiency virus (HIV) disease</b> | 4.1     | 11.7                | 2.7     | 2.9      | 6.3   | 0.0    | 0.0      | 4.4      | 1.9    | 3.9    | 4.0   | 5.7   | 0.0        | 0.0     | 0.0   | 18.4   |
| <b>Total, all causes</b>                          | 590.0   | 723.7               | 659.4   | 517.4    | 747.8 | 532.8  | 357.3    | 535.7    | 893.9  | 799.1  | 614.8 | 639.1 | 468.2      | 711.7   | 602.2 | 994.7  |

NOTE: The rates based on fewer than 10 deaths (see Table 5E-31) are not statistically reliable. All rates are per 100,000 middle-aged adults 45-64 years old.

\* The rates for breast cancer are per 100,000 middle-adult females.