

**TABLE 2B-1  
NUMBER OF DEATHS FOR THE LEADING CAUSES OF MORTALITY BY YEAR, ARIZONA, 1994-2004**

| Rank in 2004 | Cause of death  | 1994          | 1995          | 1996          | 1997          | 1998          | 1999          | 2000          | 2001          | 2002          | 2003          | 2004          |
|--------------|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1            | DISEASES OF HEART   | 9,851         | 10,104        | 9,995         | 10,002        | 10,276        | 10,355        | 10,430        | 10,312        | 10,551        | 10,649        | 10,402        |
| 2            | MALIGNANT NEOPLASMS   | 7,951         | 7,993         | 8,327         | 8,429         | 8,503         | 8,851         | 8,994         | 8,914         | 9,148         | 9,451         | 9,506         |
| 3            | ACCIDENTS (UNINTENTIONAL INJURY)                              | 1,879         | 1,973         | 2,091         | 2,104         | 2,182         | 2,192         | 2,087         | 2,430         | 2,416         | 2,466         | 2,641         |
| 4            | CEREBROVASCULAR DISEASES                                      | 2,127         | 2,191         | 2,340         | 2,445         | 2,414         | 2,320         | 2,603         | 2,416         | 2,448         | 2,356         | 2,412         |
| 5            | CHRONIC LOWER RESPIRATORY DISEASES                            | 1,856         | 2,037         | 2,140         | 2,355         | 2,395         | 2,499         | 2,493         | 2,463         | 2,530         | 2,522         | 2,392         |
| 6            | ALZHEIMER'S DISEASE*  | 539           | 592           | 716           | 690           | 771           | 859           | 1,046         | 1,103         | 1,413         | 1,691         | 1,672         |
| 7            | DIABETES  | 767           | 810           | 898           | 946           | 1,006         | 1,046         | 993           | 1,040         | 1,201         | 1,124         | 1,180         |
| 8            | INFLUENZA AND PNEUMONIA*                                      | 832           | 823           | 896           | 895           | 1,040         | 1,204         | 1,201         | 1,100         | 1,294         | 1,248         | 1,108         |
| 9            | INTENTIONAL SELF-HARM (SUICIDE)                               | 816           | 858           | 762           | 810           | 845           | 773           | 737           | 767 ¶(600)    | 855           | 807           | 854           |
| 10           | CHRONIC LIVER DISEASE AND CIRRHOSIS                           | 413           | 406           | 427           | 428           | 412           | 397           | 645           | 635           | 647           | 625           | 629           |
| 11           | NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS*                  | 413           | 368           | 402           | 408           | 460           | 516           | 605           | 622           | 600           | 550           | 625           |
| 12           | ASSAULT (HOMICIDE)  | 477           | 530           | 459           | 443           | 447           | 430           | 394           | 467           | 478           | 480           | 486           |
| 13           | SEPTICEMIA*   | 271           | 294           | 330           | 380           | 348           | 399           | 346           | 372           | 445           | 463           | 456           |
| 14           | ESSENTIAL PRIMARY HYPERTENSION AND HYPERTENSIVE RENAL DISEASE | 158           | 180           | 230           | 232           | 331           | 431           | 275           | 298           | 293           | 339           | 405           |
| 15           | PARKINSON'S DISEASE   | 195           | 204           | 241           | 281           | 273           | 355           | 342           | 366           | 397           | 402           | 390           |
|              | <b>ALL CAUSES</b>   | <b>34,282</b> | <b>35,428</b> | <b>36,579</b> | <b>37,151</b> | <b>38,395</b> | <b>39,673</b> | <b>40,202</b> | <b>40,851</b> | <b>42,320</b> | <b>42,830</b> | <b>42,736</b> |

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 -2004 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. The group titles, such as Cardiovascular diseases, Infectious and parasitic diseases or Other cardiovascular diseases are not ranked to determine the leading causes of death. The underlying cause of death was not available (missing) for 970 deaths of Arizona residents in 2001, 704 deaths in 2002, 490 deaths in 2003, and 118 deaths in 2004. As a result, the numbers in the 2001- 2004 columns above are likely to be underreported.

\*Comparability-modified number of deaths by year from 1994 to 1999 is shown for the four causes of death for which the discontinuity in trend (resulting from implementation of ICD-10) is substantial. The comparability-modified data present the annual number of deaths for 1994-1999 that would have been classified as influenza and pneumonia, Alzheimer's disease, nephritis, or septicemia had the ICD-10 classification system and coding rules been in place. For the remaining causes of death, little or no change occurred in the number of deaths assigned using the different coding revisions. See *Technical Notes* for the measures of comparison between ICD-9 and ICD-10 –the “comparability ratios” – for the causes of death shown in this report.

¶ Unprecedented decline in the number of suicides from 845 in 1998 to 600, as originally published for 2001, signifies problems with the automated coding of the underlying cause of death by the National Center for Health Statistics. In 1999-2001, some firearm-suicides and suicides by drugs were classified as accidents in because the “manner of death” was not indicated on a death certificate and the automated coding system defaulted to accidental injury. The more realistic number of 767 suicides used for 2001 in the above table is from the WISQARS site at [http://webappa.cdc.gov/sasweb/ncipc/mortrate10\\_sy.html](http://webappa.cdc.gov/sasweb/ncipc/mortrate10_sy.html) . For more information also see <http://www.azdhs.gov/plan/report/im/im/im03/3/index.htm> .