

**TABLE 2B-1
NUMBER OF DEATHS FOR THE LEADING CAUSES OF MORTALITY BY YEAR, ARIZONA, 1998-2008**

Rank in 1998	Rank in 2008	Cause of death	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1	1	Diseases of heart	10,276	10,355	10,430	10,312	10,551	10,649	10,402	10,779	10,362	10,147	10,299
2	2	Malignant neoplasms	8,503	8,851	8,994	8,914	9,148	9,451	9,506	9,673	9,768	9,955	9,949
5	3	Accidents (unintentional injury)	2,182	2,192	2,087	2,430	2,416	2,466	2,641	3,006	3,156	3,014	2,951
4	4	Chronic lower respiratory diseases	2,395	2,499	2,493	2,463	2,530	2,522	2,392	2,778	2,771	2,651	2,896
3	5	Cerebrovascular diseases	2,414	2,320	2,603	2,416	2,448	2,356	2,412	2,325	2,159	2,079	2,089
9	6	Alzheimer's disease*	771	859	1,046	1,103	1,413	1,691	1,672	1,816	2,057	2,041	2,086
7	7	Diabetes	1,006	1,046	993	1,040	1,201	1,124	1,180	1,196	1,188	1,145	1,162
6	8	Influenza and pneumonia*	1,040	1,204	1,201	1,100	1,294	1,248	1,108	1,280	1,147	875	1,075
8	9	Intentional self-harm (suicide)	845	773	737	¹⁶⁰⁰ 767	855	807	854	915	948	986	968
12	10	Chronic liver disease and cirrhosis	412	397	645	635	647	625	629	749	706	734	778
13	11	Septicemia*	348	399	346	372	445	463	456	496	539	547	539
10	12	Nephritis, nephrotic syndrome and nephrosis*	460	516	605	622	600	550	625	603	549	510	488
15	13	Parkinson's disease	273	355	342	366	397	402	390	492	489	455	487
14	14	Essential primary hypertension and hypertensive renal disease	331	431	275	298	293	339	405	390	420	389	475
11	15	Assault (homicide)	447	430	394	467	478	480	486	503	525	494	461
ALL CAUSES			38,395	39,673	40,202	40,851	42,320	42,830	42,736	45,115	45,415	44,640	45,128

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 2000-2006 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 ICD-10 code for the underlying cause of death was not missing for as many as 970 death records in 2001 and 704 in 2002 (see Section 2B "Leading Causes of Death" in this report for more detail). As a result, the cause-of-death specific numbers for 2000-2006 in the above table are likely to be understated.

*Comparability-modified number of deaths by year from 1998 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 1998-1999 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 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 WISOARS site at http://webappa.cdc.gov/sasweb/nclpc/mortrate10_sy.html. For more information also see <http://www.azdhs.gov/plan/report/im/im/im04/3/index.htm>.