

**TABLE 2B-1
NUMBER OF DEATHS FOR THE LEADING CAUSES OF MORTALITY BY YEAR, ARIZONA, 1997-2007**

Rank in 1997	Rank in 2007	Cause of death	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1	1	Diseases of heart	10,002	10,276	10,355	10,430	10,312	10,551	10,649	10,402	10,779	10,362	10,147
2	2	Malignant neoplasms	8,429	8,503	8,851	8,994	8,914	9,148	9,451	9,506	9,673	9,768	9,955
5	3	Accidents (unintentional injury)	2,104	2,182	2,192	2,087	2,430	2,416	2,466	2,641	3,006	3,156	3,014
4	4	Chronic lower respiratory diseases	2,355	2,395	2,499	2,493	2,463	2,530	2,522	2,392	2,778	2,771	2,651
3	5	Cerebrovascular diseases	2,445	2,414	2,320	2,603	2,416	2,448	2,356	2,412	2,325	2,159	2,079
9	6	Alzheimer's disease*	690	771	859	1,046	1,103	1,413	1,691	1,672	1,816	2,057	2,041
6	7	Diabetes	946	1006	1046	993	1,040	1,201	1,124	1,180	1,196	1,188	1,145
8	8	Intentional self-harm (suicide)	810	845	773	737	¶600 767	855	807	854	915	948	986
7	9	Influenza and pneumonia*	895	1,040	1,204	1,201	1,100	1,294	1,248	1,108	1,280	1,147	875
11	10	Chronic liver disease and cirrhosis	428	412	397	645	635	647	625	629	749	706	734
13	11	Septicemia*	380	348	399	346	372	445	463	456	496	539	547
12	12	Nephritis, nephrotic syndrome and nephrosis*	408	460	516	605	622	600	550	625	603	549	510
10	13	Assault (homicide)	443	447	430	394	467	478	480	486	503	525	494
14	14	Parkinson's disease	281	273	355	342	366	397	402	390	492	489	455
15	15	Essential primary hypertension and hypertensive renal disease	232	331	431	275	298	293	339	405	390	420	389
ALL CAUSES			37,151	38,395	39,673	40,202	40,851	42,320	42,830	42,736	45,115	45,415	44,640

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 1997 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 1997-1999 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 WISQARS site at http://webappa.cdc.gov/sasweb/ncipc/mortrate10_sy.html. For more information also see <http://www.azdhs.gov/plan/report/im/im/im04/3/index.htm>.