

**Table 9. Death rates by age and age-adjusted death rates for the 15 leading causes of death in 2001: United States, 1999-2001**

[Rates on an annual basis per 100,000 population in specified group; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes. Rates are based on populations enumerated as of April 1 for 2000 and estimated as of July 1 for all other years; see Technical Notes. For explanation of asterisks preceding cause-of-death codes, see Technical Notes]

Cause of death (Based on the Tenth Revision, International Classification of Diseases, 1992) and year	Age												Age-adjusted rate <sup>3</sup>
	All ages <sup>1</sup>	Under 1 year <sup>2</sup>	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	
All causes													
2001	848.5	683.4	33.3	17.3	80.7	105.2	203.6	428.9	964.6	2,353.3	5,582.4	15,112.8	854.5
2000 <sup>4</sup>	854.0	736.7	32.4	18.0	79.9	101.4	198.9	425.6	992.2	2,399.1	5,666.5	15,524.4	869.0
1999 <sup>4</sup>	857.0	736.0	34.2	18.6	79.3	102.2	198.0	418.2	1,005.0	2,457.3	5,714.5	15,554.6	875.6
Diseases of heart (I00-I09,I11,I13,I20-I51)													
2001	245.8	11.9	1.5	0.7	2.5	8.0	29.6	92.9	246.9	635.1	1,725.7	5,664.2	247.8
2000 <sup>4</sup>	252.6	13.0	1.2	0.7	2.6	7.4	29.2	94.2	261.2	665.6	1,780.3	5,926.1	257.6
1999 <sup>4</sup>	259.9	13.8	1.2	0.7	2.8	7.6	30.2	95.7	269.9	701.7	1,849.9	6,063.0	266.5
Malignant neoplasms (C00-C97)													
2001	194.4	1.6	2.7	2.5	4.3	10.1	36.8	126.5	356.5	802.8	1,315.8	1,765.6	196.0
2000 <sup>4</sup>	196.5	2.4	2.7	2.5	4.4	9.8	36.6	127.5	366.7	816.3	1,335.6	1,819.4	199.6
1999 <sup>4</sup>	197.0	1.8	2.7	2.5	4.5	10.0	37.1	127.6	374.6	827.1	1,331.5	1,805.8	200.8
Cerebrovascular diseases (I60-I69)													
2001	57.4	2.7	0.4	0.2	0.5	1.5	5.5	15.1	38.0	123.4	443.9	1,500.2	57.9
2000 <sup>4</sup>	59.6	3.3	0.3	0.2	0.5	1.5	5.8	16.0	41.0	128.6	461.3	1,589.2	60.9
1999 <sup>4</sup>	60.0	2.7	0.3	0.2	0.5	1.4	5.7	15.2	40.6	130.8	469.8	1,614.8	61.6
Chronic lower respiratory diseases (J40-J47)													
2001	43.2	1.0	0.3	0.3	0.4	0.7	2.2	8.5	44.1	167.9	379.8	644.7	43.7
2000 <sup>4</sup>	43.4	0.9	0.3	0.3	0.5	0.7	2.1	8.6	44.2	169.4	386.1	648.6	44.2
1999 <sup>4</sup>	44.5	0.9	0.4	0.3	0.5	0.8	2.0	8.5	47.5	177.2	397.8	646.0	45.4
Accidents (unintentional injuries) (V01-X59,Y85-Y86)													
2001	35.7	24.2	11.2	6.9	36.1	29.9	35.4	34.1	30.3	42.8	100.9	276.4	35.7
2000 <sup>4</sup>	34.8	23.1	11.9	7.3	36.0	29.5	34.1	32.6	30.9	41.9	95.1	273.5	34.9
1999 <sup>4</sup>	35.1	22.3	12.4	7.6	35.3	29.6	33.8	31.8	30.6	44.6	100.5	282.4	35.3
Diabetes mellitus (E10-E14)													
2001	25.1	*	*	0.1	0.4	1.5	4.3	13.6	37.8	91.4	181.4	321.8	25.3
2000 <sup>4</sup>	24.6	*	*	0.1	0.4	1.6	4.3	13.1	37.8	90.7	179.5	319.7	25.0
1999 <sup>4</sup>	24.5	*	*	0.1	0.4	1.4	4.3	12.9	38.3	91.8	178.0	317.2	25.0
Influenza and pneumonia (J10-J18)													
2001	21.8	7.4	0.7	0.2	0.5	0.9	2.2	4.6	10.7	36.3	148.5	685.6	22.0
2000 <sup>4</sup>	23.2	7.6	0.7	0.2	0.5	0.9	2.4	4.7	11.9	39.1	160.3	744.1	23.7
1999 <sup>4</sup>	22.8	8.4	0.8	0.2	0.5	0.8	2.4	4.6	11.0	37.2	157.0	751.8	23.5
Alzheimer's disease (G30)													
2001	18.9	*	*	*	*	*	*	0.2	2.1	18.7	147.5	710.3	19.1
2000 <sup>4</sup>	17.6	*	*	*	*	*	*	0.2	2.0	18.7	139.6	667.7	18.1
1999 <sup>4</sup>	16.0	*	*	*	*	*	*	0.2	1.9	17.4	129.5	601.3	16.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)													
2001	13.9	3.3	*	*	0.2	0.6	1.7	4.6	13.0	40.2	104.2	287.7	14.0
2000 <sup>4</sup>	13.2	4.3	*	0.1	0.2	0.6	1.6	4.4	12.8	38.0	100.8	277.8	13.5
1999 <sup>4</sup>	12.7	4.4	*	0.1	0.2	0.6	1.6	4.0	12.0	37.1	97.6	268.9	13.0
Septicemia (A40-A41)													
2001	11.3	7.7	0.7	0.2	0.3	0.7	1.8	5.0	12.3	32.8	82.3	205.9	11.4
2000 <sup>4</sup>	11.1	7.2	0.6	0.2	0.3	0.7	1.9	4.9	11.9	31.0	80.4	215.7	11.3
1999 <sup>4</sup>	11.0	7.5	0.6	0.2	0.3	0.7	1.8	4.6	11.4	31.2	79.4	220.7	11.3
Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)													
2001 <sup>5</sup>	10.8	...	...	0.7	9.9	12.8	14.7	15.2	13.1	13.3	17.4	17.5	10.7
2000 <sup>4</sup>	10.4	...	...	0.7	10.2	12.0	14.5	14.4	12.1	12.5	17.6	19.6	10.4
1999 <sup>4</sup>	10.5	...	...	0.6	10.1	12.7	14.3	13.9	12.2	13.4	18.1	19.3	10.5
Chronic liver disease and cirrhosis (K70,K73-K74)													
2001	9.5	*	*	*	0.1	1.0	7.4	18.5	22.7	30.0	30.2	22.2	9.5
2000 <sup>4</sup>	9.4	*	*	*	0.1	1.0	7.5	17.7	23.8	29.8	31.0	23.1	9.5
1999 <sup>4</sup>	9.4	*	*	*	0.1	1.0	7.3	17.4	23.7	30.6	31.9	23.2	9.6
Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)													
2001 <sup>5</sup>	7.1	8.2	2.7	0.8	13.3	13.1	9.5	6.3	4.0	2.9	2.5	2.4	7.1
2000 <sup>4</sup>	6.0	9.2	2.3	0.9	12.6	10.4	7.1	4.7	3.0	2.4	2.4	2.4	5.9
1999 <sup>4</sup>	6.1	8.7	2.5	1.1	12.9	10.5	7.1	4.6	3.0	2.6	2.5	2.4	6.0

See footnotes at end of table.

**Table 9. Death rates by age and age-adjusted death rates for the 15 leading causes of death in 2001: United States, 1999-2001 - Con.**

[Rates on an annual basis per 100,000 population in specified group; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes. Rates are based on populations enumerated as of April 1 for 2000 and estimated as of July 1 for all other years; see Technical Notes. For explanation of asterisks preceding cause-of-death codes, see Technical Notes]

Cause of death (Based on the Tenth Revision, International Classification of Diseases, 1992) and year	Age												Age-adjusted rate <sup>3</sup>
	All ages <sup>1</sup>	Under 1 year <sup>2</sup>	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	
Essential (primary) hypertension and hypertensive renal disease (I10,I12)													
2001 .....	6.8	*	*	*	0.1	0.3	0.7	2.4	5.8	15.5	47.7	171.9	6.8
2000 <sup>4</sup> .....	6.4	*	*	*	*	0.2	0.8	2.3	5.9	15.1	45.5	162.9	6.5
1999 <sup>4</sup> .....	6.1	*	*	*	*	0.2	0.7	2.2	5.5	15.2	43.6	152.1	6.2
Pneumonitis due to solids and liquids (J69)													
2001 .....	6.1	*	*	*	0.1	0.2	0.4	1.0	2.6	10.0	45.8	189.4	6.1
2000 <sup>4</sup> .....	5.9	*	*	*	0.1	0.2	0.4	1.0	2.5	10.3	44.5	187.6	6.1
1999 <sup>4</sup> .....	5.5	*	*	*	0.1	0.2	0.4	0.8	2.5	9.5	41.1	175.6	5.6

\* Figure does not meet standards of reliability or precision, see Technical Notes.

.. . Category not applicable.

<sup>1</sup> Figures for age not stated included in "All ages" but not distributed among age groups.

<sup>2</sup> Death rates for "Under 1 year" (based on population estimates) differ from infant mortality rates (based on live births); see Technical Notes.

<sup>3</sup> For method of computation, see Technical Notes.

<sup>4</sup> Rates are revised and may differ from rates previously published; see Technical Notes.

<sup>5</sup> Figures include September 11, 2001 related deaths for which death certificates were filed as of 10/24/02; see Technical Notes and Table D.