

**Table 19 (page 1 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2013**

Updated data when available, Excel, PDF, and more data years: <http://www.cdc.gov/nchs/hus/contents2014.htm#019>.

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death <sup>2</sup>	Crude	Age-adjusted <sup>1</sup>					
	2013 <sup>3</sup>	1980 <sup>2</sup>	1990 <sup>2</sup>	2000 <sup>3</sup>	2010 <sup>3</sup>	2012 <sup>3</sup>	2013 <sup>3</sup>
All persons							
Years lost before age 75 per 100,000 population under age 75							
All causes . . . . .	7,002.7	10,448.4	9,085.5	7,578.1	6,642.9	6,588.0	6,593.1
Diseases of heart . . . . .	1,070.9	2,238.7	1,617.7	1,253.0	972.4	951.9	952.3
Ischemic heart disease . . . . .	630.4	1,729.3	1,153.6	841.8	577.3	558.4	546.1
Cerebrovascular diseases . . . . .	177.2	357.5	259.6	223.3	169.3	161.6	158.1
Malignant neoplasms . . . . .	1,527.1	2,108.8	2,003.8	1,674.1	1,395.8	1,356.2	1,328.6
Trachea, bronchus, and lung . . . . .	362.1	548.5	561.4	443.1	331.3	309.9	298.2
Colorectal . . . . .	139.2	190.0	164.7	141.9	125.0	123.0	123.5
Prostate <sup>4</sup> . . . . .	57.6	84.9	96.8	63.6	52.2	48.1	47.5
Breast <sup>5</sup> . . . . .	278.5	463.2	451.6	332.6	262.4	256.0	250.0
Chronic lower respiratory diseases . . . . .	211.1	169.1	187.4	188.1	172.4	171.6	176.6
Influenza and pneumonia . . . . .	88.8	160.2	141.5	87.1	71.4	67.4	82.3
Chronic liver disease and cirrhosis . . . . .	192.0	300.3	196.9	164.1	163.9	173.3	176.9
Diabetes mellitus <sup>6</sup> . . . . .	189.3	134.4	155.9	178.4	158.2	164.3	168.3
Alzheimer's disease . . . . .	14.0	†	†	10.9	11.7	11.0	11.1
Human immunodeficiency virus (HIV) disease . . . . .	57.7	...	383.8	174.6	76.6	61.8	58.1
Unintentional injuries . . . . .	1,027.8	1,543.5	1,162.1	1,026.5	1,025.2	1,046.1	1,051.2
Motor vehicle-related injuries . . . . .	378.6	912.9	716.4	574.3	400.6	402.4	386.6
Poisoning . . . . .	417.1	68.0	81.2	163.6	379.7	408.8	430.9
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	74.4	---	50.4	70.7	73.1	65.2	65.7
Suicide <sup>7</sup> . . . . .	394.4	392.0	393.1	334.5	385.2	402.1	401.6
Homicide <sup>7</sup> . . . . .	222.1	425.5	417.4	266.5	239.0	240.9	229.8
Male							
All causes . . . . .	8,678.3	13,777.2	11,973.5	9,572.2	8,329.5	8,249.1	8,249.5
Diseases of heart . . . . .	1,473.5	3,352.1	2,356.0	1,766.0	1,370.8	1,336.6	1,338.2
Ischemic heart disease . . . . .	917.1	2,715.1	1,766.3	1,255.4	864.8	831.8	816.2
Cerebrovascular diseases . . . . .	200.3	396.7	286.6	244.6	190.7	183.7	182.1
Malignant neoplasms . . . . .	1,609.9	2,360.8	2,214.6	1,810.8	1,500.8	1,450.9	1,415.9
Trachea, bronchus, and lung . . . . .	408.5	821.1	764.8	554.9	390.5	361.1	345.1
Colorectal . . . . .	162.4	214.9	194.3	167.3	148.0	144.4	146.8
Prostate . . . . .	57.6	84.9	96.8	63.6	52.2	48.1	47.5
Chronic lower respiratory diseases . . . . .	215.0	235.1	224.8	206.0	182.8	179.7	185.2
Influenza and pneumonia . . . . .	100.5	202.5	180.0	102.8	82.6	77.5	94.1
Chronic liver disease and cirrhosis . . . . .	260.0	415.0	283.9	236.9	226.9	237.2	242.1
Diabetes mellitus <sup>6</sup> . . . . .	229.4	140.4	170.4	203.8	194.8	203.5	208.6
Alzheimer's disease . . . . .	12.1	†	†	10.6	10.7	10.2	10.2
Human immunodeficiency virus (HIV) disease . . . . .	83.8	...	686.2	258.9	109.5	87.0	84.3
Unintentional injuries . . . . .	1,441.8	2,342.7	1,715.1	1,475.6	1,432.1	1,459.7	1,463.5
Motor vehicle-related injuries . . . . .	546.7	1,359.7	1,018.4	796.4	569.2	574.3	552.2
Poisoning . . . . .	557.4	96.4	123.6	242.1	503.8	541.5	573.1
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	83.3	---	58.9	81.1	82.3	75.3	75.3
Suicide <sup>7</sup> . . . . .	612.0	605.6	634.8	539.1	607.0	625.9	619.8
Homicide <sup>7</sup> . . . . .	359.7	675.0	658.0	410.5	380.3	383.6	365.9
Female							
All causes . . . . .	5,337.8	7,350.3	6,333.1	5,644.6	4,994.0	4,959.6	4,967.9
Diseases of heart . . . . .	670.8	1,246.0	948.5	774.6	593.6	585.4	584.5
Ischemic heart disease . . . . .	345.4	852.1	600.3	457.6	305.2	299.3	290.0
Cerebrovascular diseases . . . . .	154.2	324.0	235.9	203.9	149.1	140.7	135.4
Malignant neoplasms . . . . .	1,444.9	1,896.8	1,826.6	1,555.3	1,301.0	1,271.0	1,250.3
Trachea, bronchus, and lung . . . . .	315.9	310.4	382.2	342.1	276.9	262.8	255.1
Colorectal . . . . .	116.2	168.7	138.7	118.7	103.4	102.8	101.5
Breast . . . . .	278.5	463.2	451.6	332.6	262.4	256.0	250.0
Chronic lower respiratory diseases . . . . .	207.2	114.0	155.9	172.3	162.8	164.1	168.7
Influenza and pneumonia . . . . .	77.1	122.0	106.2	72.3	60.7	57.8	70.9
Chronic liver disease and cirrhosis . . . . .	124.3	194.5	115.1	94.5	103.5	111.9	114.4
Diabetes mellitus <sup>6</sup> . . . . .	149.5	128.5	142.3	154.4	123.5	127.0	129.8
Alzheimer's disease . . . . .	15.8	†	†	11.1	12.6	11.8	12.0
Human immunodeficiency virus (HIV) disease . . . . .	31.8	...	87.8	92.0	44.4	37.2	32.5
Unintentional injuries . . . . .	616.4	755.3	607.4	573.2	616.4	629.6	635.7
Motor vehicle-related injuries . . . . .	211.5	470.4	411.6	348.5	230.5	228.7	219.0
Poisoning . . . . .	277.7	40.2	39.1	85.0	255.1	275.1	287.7
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	65.5	---	42.4	60.8	64.6	55.6	56.6
Suicide <sup>7</sup> . . . . .	178.3	184.2	153.3	129.1	163.7	177.6	182.5
Homicide <sup>7</sup> . . . . .	85.4	181.3	174.3	118.9	94.9	94.9	90.4

See footnotes at end of table.

**Table 19 (page 2 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2013**

Updated data when available, Excel, PDF, and more data years: <http://www.cdc.gov/nchs/hus/contents2014.htm#019>.

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death <sup>2</sup>	Crude	Age-adjusted <sup>1</sup>					
	2013 <sup>3</sup>	1980 <sup>2</sup>	1990 <sup>2</sup>	2000 <sup>3</sup>	2010 <sup>3</sup>	2012 <sup>3</sup>	2013 <sup>3</sup>
White <sup>8</sup>							
Years lost before age 75 per 100,000 population under age 75							
All causes . . . . .	6,864.3	9,554.1	8,159.5	6,949.5	6,342.8	6,321.6	6,338.2
Diseases of heart . . . . .	1,032.2	2,100.8	1,490.3	1,149.4	900.9	882.5	881.8
Ischemic heart disease . . . . .	640.1	1,682.7	1,113.4	805.3	563.7	544.8	532.0
Cerebrovascular diseases . . . . .	157.7	300.7	213.1	187.1	142.7	138.7	135.1
Malignant neoplasms . . . . .	1,572.4	2,035.9	1,929.3	1,627.8	1,375.8	1,340.7	1,317.7
Trachea, bronchus, and lung . . . . .	383.0	529.9	544.2	436.3	332.8	311.4	300.4
Colorectal . . . . .	138.5	186.8	157.8	134.1	118.4	117.9	118.6
Prostate <sup>4</sup> . . . . .	53.9	74.8	86.6	54.3	45.3	42.1	41.9
Breast <sup>5</sup> . . . . .	272.0	460.2	441.7	315.6	245.0	239.3	236.0
Chronic lower respiratory diseases . . . . .	228.7	165.4	182.3	185.3	176.1	175.3	180.1
Influenza and pneumonia . . . . .	86.7	130.8	116.9	77.7	66.7	63.2	78.4
Chronic liver disease and cirrhosis . . . . .	210.6	257.3	175.8	162.7	173.5	185.9	189.3
Diabetes mellitus <sup>6</sup> . . . . .	174.3	115.7	133.7	155.6	139.0	145.4	149.2
Alzheimer's disease . . . . .	15.8	†	†	11.4	12.4	11.7	11.8
Human immunodeficiency virus (HIV) disease . . . . .	31.6	...	309.0	94.7	39.9	32.8	31.5
Unintentional injuries . . . . .	1,089.1	1,520.4	1,139.7	1,031.8	1,098.6	1,119.7	1,125.2
Motor vehicle-related injuries . . . . .	387.4	939.9	726.7	586.1	419.0	420.1	401.2
Poisoning . . . . .	472.2	64.9	74.4	167.2	435.4	467.6	493.0
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	62.1	---	37.0	52.5	57.4	51.1	52.7
Suicide <sup>7</sup> . . . . .	440.3	414.5	417.7	362.0	430.8	450.8	451.2
Homicide <sup>7</sup> . . . . .	120.6	271.7	234.9	156.6	138.7	135.9	127.7
Black or African American <sup>8</sup>							
All causes . . . . .	9,508.1	17,873.4	16,593.0	12,897.1	9,832.5	9,555.7	9,528.5
Diseases of heart . . . . .	1,597.4	3,619.9	2,891.8	2,275.2	1,691.1	1,645.0	1,647.0
Ischemic heart disease . . . . .	757.2	2,305.1	1,676.1	1,300.1	818.8	792.0	776.7
Cerebrovascular diseases . . . . .	309.9	883.2	656.4	507.0	358.1	326.5	319.2
Malignant neoplasms . . . . .	1,645.8	2,946.1	2,894.8	2,294.7	1,796.7	1,724.1	1,666.7
Trachea, bronchus, and lung . . . . .	363.6	776.0	811.3	593.0	405.6	377.5	362.4
Colorectal . . . . .	169.2	232.3	241.8	222.4	188.6	177.0	174.2
Prostate <sup>4</sup> . . . . .	100.7	200.3	223.5	171.0	127.3	113.6	109.9
Breast <sup>5</sup> . . . . .	384.2	524.2	592.9	500.0	420.8	406.2	389.8
Chronic lower respiratory diseases . . . . .	198.2	203.7	240.6	232.7	187.7	192.8	200.1
Influenza and pneumonia . . . . .	121.4	384.9	330.8	161.2	109.8	106.2	122.9
Chronic liver disease and cirrhosis . . . . .	120.5	644.0	371.8	185.6	120.2	116.2	122.4
Diabetes mellitus <sup>6</sup> . . . . .	314.4	305.3	361.5	383.4	316.4	316.6	323.8
Alzheimer's disease . . . . .	8.9	†	†	8.3	10.0	9.3	9.8
Human immunodeficiency virus (HIV) disease . . . . .	224.4	...	1,014.7	763.3	329.5	259.0	238.4
Unintentional injuries . . . . .	955.2	1,751.5	1,392.7	1,152.8	896.7	925.8	953.0
Motor vehicle-related injuries . . . . .	408.4	750.2	699.5	580.8	393.4	404.0	402.6
Poisoning . . . . .	253.2	99.4	144.3	196.6	218.9	242.1	265.6
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	161.1	---	160.9	216.9	193.2	172.4	165.7
Suicide <sup>7</sup> . . . . .	208.7	238.0	261.4	208.7	196.4	210.4	207.0
Homicide <sup>7</sup> . . . . .	847.5	1,580.8	1,612.9	941.6	821.2	842.9	813.5
American Indian or Alaska Native <sup>8</sup>							
All causes . . . . .	6,359.5	13,390.9	9,506.2	7,758.2	6,771.3	6,842.6	6,698.8
Diseases of heart . . . . .	708.1	1,819.9	1,391.0	1,030.1	820.6	797.4	807.4
Ischemic heart disease . . . . .	419.3	1,208.2	901.8	709.3	487.6	486.4	484.4
Cerebrovascular diseases . . . . .	107.6	269.3	223.3	198.1	129.7	121.5	124.1
Malignant neoplasms . . . . .	755.5	1,101.3	1,141.1	995.7	929.5	856.9	852.4
Trachea, bronchus, and lung . . . . .	141.6	181.1	268.1	227.8	211.0	188.5	166.0
Colorectal . . . . .	91.4	78.8	82.4	93.8	95.8	90.0	103.3
Prostate <sup>4</sup> . . . . .	26.3	66.7	42.0	44.5	36.8	36.7	32.6
Breast <sup>5</sup> . . . . .	97.7	205.5	213.4	174.1	145.0	120.0	108.5
Chronic lower respiratory diseases . . . . .	116.0	89.3	129.0	151.8	154.5	133.2	135.6
Influenza and pneumonia . . . . .	99.6	307.9	206.3	124.0	99.3	80.8	109.0
Chronic liver disease and cirrhosis . . . . .	497.9	1,190.3	535.1	519.4	510.8	553.3	562.2
Diabetes mellitus <sup>6</sup> . . . . .	248.2	305.5	292.3	305.6	267.6	286.4	281.7
Alzheimer's disease . . . . .	4.5	†	†	*	8.8	6.2	5.7
Human immunodeficiency virus (HIV) disease . . . . .	30.2	...	70.1	68.4	46.1	32.1	33.8
Unintentional injuries . . . . .	1,389.5	3,541.0	2,183.9	1,700.1	1,377.7	1,505.2	1,388.2
Motor vehicle-related injuries . . . . .	603.5	2,102.4	1,301.5	1,032.2	570.6	637.0	575.7
Poisoning . . . . .	464.0	92.9	119.5	180.1	449.6	514.1	487.3
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	65.3	---	88.5	102.0	81.7	67.5	73.7
Suicide <sup>7</sup> . . . . .	480.9	515.0	495.9	403.1	437.9	437.6	463.0
Homicide <sup>7</sup> . . . . .	234.9	628.9	434.2	278.5	256.4	244.5	227.8

See footnotes at end of table.

**Table 19 (page 3 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2013**

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[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death <sup>2</sup>	Crude	Age-adjusted <sup>1</sup>					
	2013 <sup>3</sup>	1980 <sup>2</sup>	1990 <sup>2</sup>	2000 <sup>3</sup>	2010 <sup>3</sup>	2012 <sup>3</sup>	2013 <sup>3</sup>
Asian or Pacific Islander <sup>8</sup>							
Years lost before age 75 per 100,000 population under age 75							
All causes . . . . .	3,061.9	5,378.4	4,705.2	3,811.1	3,061.2	3,049.4	3,050.9
Diseases of heart . . . . .	421.9	952.8	702.2	567.9	400.1	404.0	413.1
Ischemic heart disease . . . . .	256.3	697.7	486.6	381.1	250.6	248.3	250.4
Cerebrovascular diseases . . . . .	135.1	266.9	233.5	199.4	148.3	136.0	134.3
Malignant neoplasms . . . . .	848.3	1,218.6	1,166.4	1,033.8	874.7	855.5	830.7
Trachea, bronchus, and lung . . . . .	139.8	238.2	204.7	185.8	148.2	145.2	136.7
Colorectal . . . . .	89.6	115.9	105.1	91.6	87.6	85.6	87.0
Prostate <sup>4</sup> . . . . .	13.7	17.0	32.4	18.8	17.0	14.7	14.4
Breast <sup>5</sup> . . . . .	154.2	222.2	216.5	200.8	156.9	161.7	146.5
Chronic lower respiratory diseases . . . . .	35.1	56.4	72.8	56.5	33.2	30.6	35.0
Influenza and pneumonia . . . . .	36.6	79.3	74.0	48.6	38.4	33.5	36.4
Chronic liver disease and cirrhosis . . . . .	44.1	85.6	72.4	44.8	41.7	37.8	42.9
Diabetes mellitus <sup>6</sup> . . . . .	75.8	83.1	74.0	77.0	69.5	77.0	74.0
Alzheimer's disease . . . . .	3.4	†	†	3.5	3.2	3.8	3.6
Human immunodeficiency virus (HIV) disease . . . . .	11.6	...	77.0	19.9	10.7	9.9	11.2
Unintentional injuries . . . . .	314.5	742.7	636.6	425.7	303.0	311.8	308.5
Motor vehicle-related injuries . . . . .	139.5	472.6	445.5	263.4	147.9	135.9	136.5
Poisoning . . . . .	75.3	*	17.6	25.9	46.5	64.9	71.5
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	31.5	---	26.7	33.6	38.1	29.9	31.1
Suicide <sup>7</sup> . . . . .	214.7	217.1	200.6	168.6	199.7	207.6	206.0
Homicide <sup>7</sup> . . . . .	65.5	201.1	205.8	113.1	68.8	68.3	64.4
Hispanic or Latino <sup>8,9</sup>							
All causes . . . . .	4,297.8	---	7,963.3	6,037.6	4,795.1	4,678.4	4,668.1
Diseases of heart . . . . .	447.7	---	1,082.0	821.3	598.1	570.7	571.0
Ischemic heart disease . . . . .	254.3	---	756.6	564.6	366.6	341.7	340.0
Cerebrovascular diseases . . . . .	116.4	---	238.0	207.8	150.4	144.3	145.5
Malignant neoplasms . . . . .	746.9	---	1,232.2	1,098.2	951.2	947.3	927.9
Trachea, bronchus, and lung . . . . .	74.6	---	193.7	152.1	115.0	107.3	102.9
Colorectal . . . . .	72.2	---	100.2	101.4	94.0	86.7	92.8
Prostate <sup>4</sup> . . . . .	22.6	---	47.7	42.9	38.2	37.0	35.9
Breast <sup>5</sup> . . . . .	148.3	---	299.3	230.7	180.0	192.5	181.2
Chronic lower respiratory diseases . . . . .	43.7	---	78.8	68.5	59.6	53.2	56.2
Influenza and pneumonia . . . . .	55.3	---	130.1	76.0	57.5	53.1	64.3
Chronic liver disease and cirrhosis . . . . .	165.1	---	329.1	252.1	201.6	209.5	206.1
Diabetes mellitus <sup>6</sup> . . . . .	123.7	---	177.8	215.6	158.5	160.0	161.6
Alzheimer's disease . . . . .	5.2	---	†	6.9	8.4	7.7	8.5
Human immunodeficiency virus (HIV) disease . . . . .	45.7	...	600.1	209.4	74.9	55.2	52.5
Unintentional injuries . . . . .	752.6	---	1,190.6	920.1	708.7	719.5	735.9
Motor vehicle-related injuries . . . . .	365.5	---	740.8	540.2	340.3	346.0	344.8
Poisoning . . . . .	217.0	---	121.9	145.9	191.2	207.7	224.3
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	45.4	---	54.4	62.0	67.7	57.1	57.5
Suicide <sup>7</sup> . . . . .	201.3	---	256.2	188.5	193.6	198.1	195.6
Homicide <sup>7</sup> . . . . .	217.6	---	720.8	335.1	238.0	215.4	199.3
White, not Hispanic or Latino <sup>9</sup>							
All causes . . . . .	7,403.1	---	8,022.5	6,960.5	6,545.3	6,560.4	6,593.2
Diseases of heart . . . . .	1,166.6	---	1,504.0	1,175.1	943.2	929.3	930.5
Ischemic heart disease . . . . .	729.0	---	1,127.2	824.7	590.8	574.7	560.9
Cerebrovascular diseases . . . . .	165.0	---	210.1	183.0	139.1	135.2	130.3
Malignant neoplasms . . . . .	1,760.9	---	1,974.1	1,668.4	1,421.5	1,383.3	1,362.2
Trachea, bronchus, and lung . . . . .	458.9	---	566.8	460.3	359.1	337.7	327.2
Colorectal . . . . .	153.2	---	162.1	136.2	121.2	122.4	122.1
Prostate <sup>4</sup> . . . . .	61.4	---	89.2	54.9	45.9	42.4	42.3
Breast <sup>5</sup> . . . . .	298.9	---	451.5	322.3	252.6	243.5	242.3
Chronic lower respiratory diseases . . . . .	274.0	---	188.1	193.8	189.1	190.0	195.9
Influenza and pneumonia . . . . .	93.0	---	112.3	76.4	67.8	64.5	80.5
Chronic liver disease and cirrhosis . . . . .	217.1	---	162.4	150.9	166.9	179.6	183.9
Diabetes mellitus <sup>6</sup> . . . . .	183.5	---	131.2	150.2	136.7	143.0	147.0
Alzheimer's disease . . . . .	18.4	---	†	11.7	12.7	12.1	12.1
Human immunodeficiency virus (HIV) disease . . . . .	26.8	...	271.2	76.0	31.3	26.9	25.7
Unintentional injuries . . . . .	1,155.5	---	1,114.7	1,041.4	1,183.0	1,210.5	1,214.6
Motor vehicle-related injuries . . . . .	383.9	---	715.7	588.8	430.6	431.0	407.4
Poisoning . . . . .	530.7	---	68.3	169.4	494.0	533.1	561.8
Nephritis, nephrotic syndrome and nephrosis <sup>6</sup> . . . . .	65.2	---	34.5	51.1	55.3	49.8	51.2
Suicide <sup>7</sup> . . . . .	495.8	---	433.0	389.2	483.8	510.2	512.9
Homicide <sup>7</sup> . . . . .	91.8	---	162.0	113.2	103.4	106.6	100.6

See footnotes at end of table.

## Table 19 (page 4 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2013

Updated data when available, Excel, PDF, and more data years: <http://www.cdc.gov/nchs/hus/contents2014.htm#019>.

[Data are based on death certificates]

... Category not applicable.

--- Data not available.

<sup>1</sup>Data for Alzheimer's disease are only presented for data years 1999 and beyond due to large differences in death rates caused by changes in the coding of this cause of death between ICD–9 and ICD–10. See Appendix II, Cause of death; Comparability ratio; Table IV; Table V.

\* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

<sup>1</sup>Age-adjusted rates are calculated using the year 2000 standard population. Prior to 2001, age-adjusted rates were calculated using standard million proportions based on rounded population numbers. Starting with 2001 data, unrounded population numbers are used to calculate age-adjusted rates. See Appendix II, Age adjustment.

<sup>2</sup>Underlying cause of death was coded according to the 9th Revision of the *International Classification of Diseases* (ICD) in 1980–1998. See Appendix II, Cause of death; Table III; Table IV.

<sup>3</sup>Starting with 1999 data, cause of death is coded according to ICD–10. See Appendix II, Cause of death; Comparability ratio; Table IV; Table V.

<sup>4</sup>Rate for male population only.

<sup>5</sup>Rate for female population only.

<sup>6</sup>Starting with 2011 data, the rules for selecting Renal failure as the underlying cause of death were changed, affecting the number of deaths in the Nephritis, nephrotic syndrome and nephrosis and Diabetes categories. These changes directly affect deaths with mention of Renal failure and other associated conditions, such as Diabetes mellitus with renal complications. The result is a decrease in the number of deaths for Nephritis, nephrotic syndrome and nephrosis and an increase in the number of deaths for Diabetes mellitus. Therefore, trend data for these two causes of death should be interpreted with caution. For more information, see Technical Notes in Deaths: Preliminary data for 2011, available from: [http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61\\_06.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.pdf).

<sup>7</sup>Figures for 2001 (in Excel spreadsheet on the Web) include September 11-related deaths for which death certificates were filed as of October 24, 2002. See Appendix II, Cause of death; Table IV for terrorism-related ICD–10 codes.

<sup>8</sup>The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for Hispanic, American Indian or Alaska Native, and Asian or Pacific Islander persons should be interpreted with caution because of inconsistencies in reporting Hispanic origin or race on the death certificate (death rate numerators) compared with population figures (death rate denominators). The net effect of misclassification is an underestimation of deaths and death rates for races other than white and black. See Appendix II, Race, for a detailed discussion of sources of bias in death rates by race and Hispanic origin.

<sup>9</sup>Prior to 1997, data from states that did not report Hispanic origin on the death certificate were excluded. See Appendix II, Hispanic origin.

NOTES: Starting with *Health, United States, 2003*, rates for 1991–1999 were revised using intercensal population estimates based on the 1990 and 2000 censuses. For 2000, population estimates are bridged-race April 1 census counts. Starting with *Health, United States, 2012*, rates for 2001–2009 were revised using intercensal population estimates based on the 2000 and 2010 censuses. For 2010, population estimates are bridged-race April 1 census counts. Rates for 2011 and beyond were computed using 2010-based postcensal estimates. See Appendix I, Population Census and Population Estimates. See Appendix II, Years of potential life lost (YPLL) for definition and method of calculation. Starting with 2003 data, some states allowed the reporting of more than one race on the death certificate. The multiple-race data for these states were bridged to the single-race categories of the 1977 Office of Management and Budget standards, for comparability with other states. See Appendix II, Race. Rates are rounded at the end of the calculation process. They may differ from rates based on the same data presented elsewhere if rounding is done earlier in the calculation process. Data for additional years are available. See the Excel spreadsheet on the *Health, United States* website at: <http://www.cdc.gov/nchs/hus.htm>.

SOURCE: CDC/NCHS, National vital statistics system; numerator data from annual public-use Mortality Files; denominator data from national population estimates for race groups from Table 1 and unpublished Hispanic population estimates for 1990–1996 prepared by the Housing and Household Economic Statistics Division, U.S. Census Bureau. See Appendix I, National Vital Statistics System (NVSS).