

**Table HIST002R_2. Death rates for 113 selected causes by 5-year age groups, race and sex:
United States, 1979-98**

Plate 2 of 2 Age groups 45-49 years to 85+ years

The mortality trend data in this table are classified by the Ninth Revision, International Classification of Diseases (ICD-9) and sorted into the list of 113 selected causes of death developed for the Tenth Revision (ICD-10). ICD-10 was introduced with 1999 mortality data. Data in these tables were constructed to be most comparable with the ICD-9 cause-of-death titles used in the list of 113 selected causes of death. These data are the most appropriate ICD-9 data to use with [published comparability ratios](#) describing the discontinuities between ICD-9 and ICD-10. Used in conjunction with the comparability ratios, this table provides trend data comparable to that published for data year 1999 and beyond. Although in some cases categories from the list of 113 selected causes are identical to those in the old list of 72 selected causes of death used with ICD-9, it is important to note that many of these categories are not comparable with categories in the list of 72 selected causes even though the cause-of-death titles may be the same.

Deaths rates are per 100,000 population in specified group. Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years. **Rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published.**

Description of symbols used in this table:

*** Figure does not meet standards of reliability or precision**

- Quantity zero

0.0 Quantity greater than zero but less than 0.5

--- Category not applicable

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All causes										
All races, both sexes										
1998	847.3	342.2	503.0	799.4	1,277.0	1,961.1	3,027.1	4,558.1	7,355.5	15,190.8
1997	848.8	348.3	515.1	824.3	1,313.1	1,977.5	3,050.7	4,589.5	7,313.9	15,211.2
1996	859.2	360.2	544.8	842.5	1,355.2	2,007.7	3,090.7	4,652.9	7,404.1	15,192.6
1995	868.3	372.4	558.4	864.2	1,369.8	2,048.3	3,110.9	4,703.7	7,457.1	15,248.6
1994	866.1	372.3	564.1	871.1	1,391.3	2,082.3	3,134.5	4,708.3	7,516.7	15,127.4
1993	872.8	370.1	564.5	897.3	1,411.2	2,124.4	3,173.3	4,821.4	7,606.0	15,336.7
1992	848.1	366.8	564.5	899.0	1,397.4	2,111.6	3,142.9	4,714.1	7,416.1	14,705.8
1991	857.6	379.6	573.5	924.6	1,429.1	2,136.5	3,199.9	4,804.5	7,553.9	14,969.6
1990	863.8	377.3	590.0	933.2	1,457.2	2,159.1	3,266.0	4,933.9	7,682.8	15,327.4
1989	871.3	378.9	601.2	963.3	1,481.1	2,199.3	3,317.2	4,997.9	7,794.4	15,409.6
1988	886.7	383.5	616.5	982.7	1,523.4	2,255.4	3,421.4	5,121.5	8,081.4	15,934.5
1987	876.4	387.3	632.4	980.9	1,537.1	2,261.0	3,458.5	5,131.7	8,002.8	15,559.6
1986	876.7	390.8	637.7	990.8	1,553.6	2,291.0	3,514.9	5,198.7	8,085.8	15,589.8
1985	876.9	398.5	648.4	1,025.8	1,570.6	2,319.9	3,538.2	5,264.9	8,248.0	15,712.4
1984	864.8	400.1	652.5	1,030.4	1,577.2	2,330.5	3,532.6	5,245.5	8,196.8	15,393.7
1983	863.7	406.5	666.6	1,045.5	1,587.6	2,354.7	3,560.6	5,300.6	8,259.0	15,463.2
1982	852.4	421.5	671.8	1,045.4	1,582.1	2,370.6	3,533.0	5,260.4	8,172.5	15,048.3
1981	862.0	441.9	695.9	1,070.6	1,605.5	2,403.8	3,586.4	5,276.9	8,367.0	15,432.1
1980	878.3	448.9	712.0	1,084.9	1,647.2	2,462.6	3,682.5	5,499.1	8,642.0	15,980.3
1979	852.2	452.9	720.6	1,067.4	1,655.6	2,390.0	3,644.0	5,330.7	8,412.3	14,962.4
All causes										
All races, male										
1998	856.4	444.0	634.8	1,002.2	1,602.4	2,476.8	3,839.8	5,797.4	9,284.7	17,357.2
1997	864.6	451.5	649.2	1,031.7	1,650.6	2,519.8	3,906.5	5,868.8	9,322.0	17,648.1
1996	882.8	470.8	691.0	1,066.9	1,720.5	2,562.4	3,965.9	5,974.1	9,485.6	17,710.5
1995	900.8	492.1	715.2	1,094.2	1,745.5	2,630.6	4,009.3	6,074.4	9,625.9	17,861.0
1994	904.2	487.8	725.5	1,109.4	1,788.5	2,694.7	4,055.4	6,105.7	9,762.2	17,856.2
1993	915.0	484.3	724.8	1,147.0	1,814.9	2,771.3	4,124.9	6,324.0	9,974.4	18,150.1
1992	896.1	483.9	722.5	1,151.4	1,807.5	2,768.1	4,100.0	6,229.5	9,753.3	17,609.4
1991	908.8	496.0	733.1	1,187.2	1,857.5	2,809.4	4,220.0	6,380.6	10,002.8	17,760.2
1990	918.4	491.1	756.5	1,208.5	1,902.7	2,847.6	4,345.4	6,608.6	10,143.8	18,056.6
1989	926.3	497.4	773.6	1,251.9	1,943.4	2,907.5	4,424.0	6,670.5	10,247.9	18,018.7
1988	945.1	497.8	793.4	1,275.1	2,003.1	2,994.3	4,599.6	6,898.3	10,646.2	18,711.0
1987	939.3	500.5	816.5	1,284.3	2,030.2	3,000.5	4,683.6	6,943.4	10,601.6	18,211.9
1986	944.7	505.4	823.8	1,307.3	2,052.0	3,052.4	4,769.5	7,061.1	10,730.1	18,350.8
1985	948.6	514.5	841.7	1,355.8	2,086.0	3,116.4	4,837.0	7,170.0	10,939.2	18,614.1
1984	938.8	516.0	850.7	1,363.6	2,102.5	3,141.5	4,825.4	7,146.2	10,813.2	18,313.1
1983	943.2	525.1	867.7	1,390.0	2,116.0	3,201.0	4,887.4	7,275.2	10,877.9	18,394.9
1982	938.4	546.6	884.8	1,395.3	2,118.4	3,241.4	4,854.5	7,190.5	10,681.2	17,930.8
1981	954.0	574.6	916.8	1,433.8	2,160.2	3,293.5	4,952.6	7,222.4	10,925.6	18,241.7
1980	976.9	584.0	943.0	1,460.7	2,231.0	3,393.8	5,078.3	7,480.2	11,239.6	18,801.1
1979	957.5	594.4	957.6	1,440.3	2,264.7	3,324.7	5,065.3	7,244.5	10,966.5	17,604.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All causes										
All races, female										
1998	838.5	243.9	376.9	610.3	983.1	1,522.2	2,396.9	3,700.1	6,241.0	14,329.9
1997	833.6	248.7	386.9	631.4	1,009.5	1,518.3	2,392.0	3,709.3	6,168.6	14,255.4
1996	836.7	253.3	405.6	634.1	1,027.8	1,540.9	2,419.5	3,750.5	6,231.9	14,216.7
1995	837.2	256.7	409.3	651.2	1,034.6	1,562.1	2,422.7	3,776.8	6,254.3	14,242.3
1994	829.7	260.9	410.8	650.6	1,037.7	1,576.4	2,431.1	3,772.3	6,288.3	14,082.1
1993	832.5	259.9	412.3	666.6	1,053.4	1,593.6	2,449.2	3,824.0	6,322.9	14,262.7
1992	802.4	253.8	414.8	666.5	1,035.4	1,576.7	2,418.7	3,716.9	6,160.2	13,597.5
1991	808.7	267.5	422.5	683.5	1,052.8	1,590.1	2,433.3	3,776.1	6,249.3	13,901.1
1990	812.0	267.8	432.9	681.5	1,069.1	1,600.8	2,465.0	3,856.7	6,376.0	14,274.3
1989	818.9	265.1	438.6	699.5	1,080.3	1,623.9	2,499.3	3,925.2	6,498.6	14,395.1
1988	831.2	273.7	449.9	716.2	1,109.0	1,654.2	2,556.6	3,988.9	6,727.4	14,850.7
1987	816.7	278.7	459.3	704.9	1,112.2	1,658.7	2,564.8	3,982.6	6,638.9	14,514.4
1986	812.3	281.0	463.0	704.0	1,124.4	1,672.1	2,603.1	4,024.2	6,699.4	14,494.1
1985	809.1	287.7	467.8	728.0	1,125.0	1,675.1	2,596.9	4,065.6	6,835.6	14,553.9
1984	794.7	289.4	467.2	731.6	1,122.3	1,676.6	2,597.0	4,051.9	6,821.2	14,213.6
1983	788.4	293.5	479.2	737.8	1,129.7	1,674.2	2,601.9	4,061.7	6,878.1	14,261.6
1982	771.2	302.5	473.7	733.9	1,116.8	1,672.8	2,576.7	4,050.4	6,849.9	13,846.7
1981	775.0	316.0	491.2	747.0	1,125.0	1,691.6	2,599.1	4,056.8	7,010.0	14,228.3
1980	785.3	321.3	498.7	749.0	1,144.0	1,717.7	2,672.8	4,256.6	7,260.1	14,746.9
1979	752.7	319.3	502.3	733.4	1,130.3	1,643.9	2,616.7	4,127.3	7,041.7	13,788.2
All causes										
White, both sexes										
1998	889.5	304.7	461.4	745.4	1,212.0	1,904.7	2,955.8	4,504.1	7,336.8	15,358.7
1997	889.1	309.0	473.7	768.7	1,244.8	1,919.7	2,972.8	4,543.1	7,303.3	15,373.3
1996	896.0	318.9	499.8	786.7	1,288.6	1,946.6	3,009.1	4,598.3	7,375.3	15,365.3
1995	901.8	329.1	509.3	804.7	1,299.7	1,980.7	3,026.6	4,652.6	7,413.7	15,411.9
1994	897.8	329.4	514.6	810.2	1,330.1	2,014.0	3,054.2	4,654.4	7,476.6	15,298.6
1993	902.7	328.8	514.0	834.1	1,345.8	2,051.9	3,092.8	4,763.7	7,556.9	15,487.0
1992	875.8	327.6	515.7	832.3	1,330.1	2,036.9	3,065.8	4,666.2	7,376.5	14,855.6
1991	883.2	339.8	521.9	862.6	1,362.6	2,056.6	3,122.0	4,744.5	7,500.4	15,104.8
1990	888.0	336.4	537.4	867.3	1,384.8	2,077.8	3,192.0	4,876.2	7,645.1	15,465.0
1989	893.2	337.2	544.2	896.9	1,403.9	2,110.5	3,238.4	4,921.5	7,763.9	15,548.3
1988	910.5	341.9	560.6	919.5	1,445.1	2,171.3	3,350.8	5,051.9	8,044.7	16,128.4
1987	900.1	347.5	577.0	922.6	1,463.3	2,182.3	3,386.1	5,079.1	7,958.0	15,743.4
1986	900.1	351.5	582.1	932.2	1,477.5	2,218.5	3,445.4	5,141.7	8,052.3	15,763.6
1985	900.4	358.8	596.2	963.0	1,494.8	2,248.0	3,457.9	5,216.8	8,193.3	15,937.5
1984	887.8	359.8	602.7	968.2	1,502.3	2,267.4	3,451.9	5,215.9	8,132.5	15,658.3
1983	885.4	365.9	616.3	981.6	1,510.4	2,293.1	3,477.7	5,267.7	8,209.3	15,732.0
1982	873.1	379.5	622.0	984.2	1,509.6	2,312.9	3,464.1	5,239.6	8,142.6	15,317.4
1981	880.4	397.4	643.2	1,006.3	1,534.6	2,341.6	3,516.5	5,258.5	8,331.0	15,685.9
1980	892.5	401.0	653.8	1,018.2	1,572.6	2,386.8	3,606.4	5,446.2	8,624.7	16,220.0
1979	865.2	407.2	662.3	1,003.2	1,586.1	2,320.3	3,572.7	5,289.1	8,461.8	15,223.1

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All causes										
White, male										
1998	887.3	396.9	580.2	933.6	1,518.3	2,407.1	3,755.0	5,729.8	9,260.9	17,534.2
1997	893.3	400.3	595.2	958.6	1,563.6	2,448.1	3,814.0	5,808.8	9,309.9	17,833.2
1996	907.1	416.2	632.7	993.3	1,632.8	2,487.5	3,863.8	5,901.4	9,454.6	17,918.4
1995	921.0	433.4	649.1	1,017.0	1,656.0	2,544.6	3,901.1	6,007.9	9,585.6	18,050.7
1994	922.6	430.0	658.4	1,032.5	1,708.9	2,610.1	3,948.7	6,042.7	9,718.8	18,087.0
1993	931.8	428.6	657.9	1,063.7	1,728.9	2,680.9	4,021.3	6,259.6	9,928.9	18,339.4
1992	912.2	431.1	659.1	1,067.5	1,723.2	2,677.9	3,997.1	6,168.1	9,717.0	17,832.2
1991	922.7	441.7	665.8	1,103.8	1,774.0	2,709.8	4,126.8	6,316.8	9,951.1	17,956.4
1990	930.9	435.6	687.3	1,122.9	1,811.2	2,748.3	4,251.2	6,544.8	10,129.3	18,268.3
1989	936.5	440.4	695.3	1,162.2	1,845.4	2,795.8	4,326.1	6,594.6	10,253.7	18,241.7
1988	957.9	441.1	719.7	1,193.5	1,903.9	2,887.8	4,516.8	6,827.0	10,651.9	19,020.8
1987	952.7	447.2	745.0	1,209.4	1,937.8	2,899.9	4,600.7	6,895.8	10,586.3	18,486.0
1986	958.6	453.7	751.7	1,231.3	1,956.2	2,960.7	4,691.3	7,012.9	10,726.4	18,628.8
1985	963.6	460.7	773.3	1,277.6	1,988.9	3,029.3	4,749.6	7,148.2	10,915.6	18,980.1
1984	954.1	462.7	784.9	1,284.6	2,006.0	3,066.4	4,738.0	7,157.5	10,790.7	18,717.6
1983	957.7	471.8	803.7	1,309.9	2,017.9	3,132.5	4,802.0	7,285.3	10,853.8	18,805.0
1982	951.8	490.6	820.4	1,319.0	2,028.3	3,175.2	4,788.0	7,214.0	10,697.1	18,318.3
1981	965.2	514.2	847.2	1,353.0	2,074.0	3,225.3	4,893.1	7,256.2	10,933.4	18,598.9
1980	983.3	521.7	866.8	1,375.6	2,140.6	3,312.1	5,022.8	7,468.5	11,267.0	19,097.3
1979	963.3	534.4	880.7	1,355.9	2,184.5	3,254.7	5,020.8	7,269.7	11,073.1	17,924.0
All causes										
White, female										
1998	891.6	213.6	345.6	566.7	930.4	1,469.1	2,326.1	3,647.9	6,215.8	14,498.9
1997	885.0	218.8	355.4	588.9	952.6	1,464.3	2,316.0	3,664.4	6,150.2	14,415.8
1996	885.3	222.8	371.0	591.4	974.2	1,483.9	2,344.8	3,700.1	6,197.7	14,384.5
1995	883.2	226.2	374.0	604.3	975.5	1,502.5	2,348.1	3,728.5	6,204.1	14,405.8
1994	873.8	230.3	375.5	600.7	986.2	1,514.3	2,362.7	3,716.6	6,247.7	14,242.6
1993	874.6	230.6	375.0	618.0	999.5	1,528.8	2,378.7	3,762.5	6,272.8	14,411.6
1992	840.8	225.9	377.4	611.5	976.4	1,508.2	2,353.6	3,670.3	6,122.0	13,734.8
1991	845.2	239.9	383.5	636.8	994.5	1,520.0	2,359.0	3,712.8	6,199.5	14,028.5
1990	846.9	239.4	393.4	629.2	1,006.6	1,528.0	2,398.5	3,798.8	6,333.7	14,400.6
1989	851.8	236.2	399.0	649.7	1,014.7	1,548.1	2,427.9	3,845.6	6,455.3	14,526.1
1988	865.3	245.0	408.1	665.3	1,043.2	1,582.2	2,488.4	3,920.7	6,683.0	15,019.1
1987	849.8	250.2	416.2	657.4	1,049.1	1,591.8	2,493.9	3,927.9	6,589.7	14,681.4
1986	844.3	252.0	420.1	656.9	1,059.7	1,609.5	2,534.1	3,963.2	6,661.6	14,647.4
1985	840.1	259.6	427.5	675.1	1,062.5	1,610.3	2,517.6	4,006.3	6,777.3	14,745.4
1984	824.6	259.7	429.3	680.9	1,061.1	1,618.0	2,517.0	4,003.8	6,749.0	14,445.7
1983	816.4	263.1	438.3	684.9	1,065.9	1,613.0	2,517.7	4,010.5	6,828.6	14,495.0
1982	798.2	271.9	434.1	682.9	1,055.2	1,616.9	2,506.8	4,010.4	6,806.7	14,088.3
1981	799.8	284.4	450.6	694.7	1,063.5	1,629.7	2,524.1	4,015.4	6,967.0	14,466.7
1980	806.1	284.8	453.8	695.9	1,079.2	1,642.9	2,585.1	4,188.7	7,236.4	14,979.6
1979	771.8	284.9	457.9	684.6	1,066.5	1,571.6	2,532.3	4,063.9	7,078.5	14,027.9

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All causes										
All other, both sexes										
1998	652.9	534.4	744.4	1,127.1	1,679.2	2,345.7	3,603.2	5,039.8	7,542.3	13,550.6
1997	660.9	555.4	763.6	1,156.4	1,741.5	2,384.1	3,692.8	5,011.4	7,419.6	13,607.5
1996	684.9	588.1	810.0	1,179.8	1,780.6	2,448.6	3,782.1	5,155.7	7,695.1	13,477.6
1995	707.5	617.0	853.6	1,227.5	1,829.3	2,546.6	3,843.7	5,179.0	7,896.6	13,610.2
1994	712.0	621.7	865.1	1,251.3	1,800.6	2,600.3	3,836.9	5,219.3	7,920.8	13,383.2
1993	725.1	617.1	873.8	1,296.9	1,861.0	2,689.2	3,880.7	5,372.9	8,105.5	13,795.1
1992	709.0	608.4	859.3	1,326.6	1,877.0	2,704.5	3,831.9	5,170.3	7,826.8	13,156.8
1991	726.6	620.1	889.2	1,329.9	1,917.3	2,785.6	3,902.2	5,377.9	8,108.0	13,550.6
1990	737.9	629.3	917.2	1,376.2	2,003.0	2,834.6	3,940.9	5,478.9	8,075.5	13,868.8
1989	755.2	637.7	961.4	1,417.1	2,074.9	2,943.8	4,038.9	5,719.9	8,113.5	13,941.0
1988	758.6	641.5	973.9	1,425.6	2,138.8	2,969.5	4,069.8	5,780.2	8,469.4	13,872.6
1987	747.0	629.9	990.5	1,402.7	2,124.8	2,943.2	4,122.4	5,631.0	8,480.8	13,581.7
1986	747.3	631.9	1,003.2	1,425.6	2,176.8	2,922.3	4,152.5	5,743.7	8,445.8	13,700.4
1985	745.0	645.3	1,000.0	1,502.2	2,208.3	2,948.5	4,279.8	5,726.3	8,844.0	13,245.7
1984	733.2	656.2	994.9	1,513.1	2,215.0	2,884.2	4,280.7	5,530.0	8,906.2	12,494.0
1983	737.9	668.9	1,021.9	1,551.8	2,256.4	2,897.8	4,331.2	5,618.5	8,814.9	12,477.4
1982	730.7	697.0	1,034.8	1,537.3	2,224.2	2,878.0	4,177.6	5,462.4	8,511.1	12,038.0
1981	751.6	740.4	1,090.1	1,600.9	2,240.5	2,951.0	4,246.3	5,456.6	8,783.0	12,547.9
1980	791.7	782.4	1,159.4	1,653.9	2,319.1	3,135.7	4,409.7	6,019.1	8,846.3	13,227.1
1979	771.0	777.1	1,184.4	1,616.7	2,301.0	3,006.6	4,342.1	5,735.9	7,827.2	11,931.6
All causes										
All other, male										
1998	710.0	703.0	973.9	1,446.5	2,161.2	2,993.1	4,584.9	6,433.9	9,537.2	15,698.5
1997	727.0	741.1	995.5	1,498.9	2,238.6	3,067.5	4,731.0	6,446.5	9,450.8	15,918.7
1996	764.1	795.0	1,058.0	1,543.0	2,326.3	3,147.5	4,898.4	6,680.9	9,811.9	15,780.6
1995	800.8	849.2	1,139.3	1,598.6	2,380.4	3,313.4	5,021.7	6,727.9	10,045.6	16,103.3
1994	811.8	848.4	1,161.0	1,625.6	2,365.9	3,380.4	5,055.4	6,735.4	10,205.3	15,703.6
1993	829.9	841.8	1,161.8	1,713.1	2,458.3	3,524.8	5,094.7	6,972.7	10,436.1	16,388.2
1992	812.9	832.6	1,131.5	1,731.8	2,462.1	3,527.9	5,079.4	6,842.2	10,122.0	15,538.2
1991	835.9	847.7	1,173.0	1,775.8	2,525.3	3,666.7	5,112.1	7,013.1	10,524.5	15,921.5
1990	851.5	857.1	1,215.6	1,832.8	2,652.6	3,721.5	5,252.7	7,225.9	10,289.1	16,080.9
1989	871.4	874.1	1,301.9	1,913.7	2,759.7	3,896.9	5,367.1	7,399.5	10,190.9	15,953.1
1988	875.0	873.1	1,296.5	1,893.3	2,841.8	3,949.5	5,396.5	7,576.7	10,590.6	15,844.3
1987	864.1	847.6	1,311.7	1,869.6	2,818.1	3,921.9	5,476.5	7,392.1	10,755.4	15,645.5
1986	865.9	844.2	1,333.2	1,914.4	2,889.5	3,894.8	5,513.8	7,513.8	10,767.6	15,741.3
1985	861.7	871.3	1,338.4	1,989.9	2,953.2	3,914.8	5,669.3	7,373.3	11,179.8	15,164.4
1984	849.3	878.2	1,338.3	2,014.5	2,975.2	3,831.2	5,657.4	7,041.6	11,042.6	14,520.8
1983	856.9	893.3	1,357.4	2,061.6	3,014.6	3,831.3	5,693.5	7,181.7	11,127.8	14,455.1
1982	857.8	940.6	1,393.9	2,040.5	2,959.4	3,848.7	5,478.2	6,971.7	10,514.9	14,171.6
1981	885.7	1,010.6	1,481.5	2,133.2	2,969.8	3,915.1	5,510.2	6,909.1	10,842.9	14,685.9
1980	936.5	1,053.7	1,576.3	2,220.0	3,082.2	4,139.2	5,598.6	7,589.1	10,946.4	15,774.9
1979	920.3	1,056.5	1,616.2	2,194.2	3,038.7	3,956.8	5,486.7	7,019.6	9,829.1	14,262.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All causes										
All other, female										
1998	600.6	389.0	547.6	859.5	1,290.7	1,861.6	2,934.8	4,149.5	6,485.1	12,650.3
1997	600.3	395.9	565.0	870.5	1,344.4	1,874.9	2,984.2	4,103.2	6,347.0	12,632.9
1996	612.3	410.7	597.8	877.6	1,348.5	1,928.1	3,019.3	4,197.5	6,570.0	12,505.1
1995	622.0	417.8	609.4	919.9	1,396.5	1,976.9	3,037.7	4,211.5	6,753.7	12,547.9
1994	620.5	427.2	612.6	942.9	1,359.4	2,021.8	3,000.7	4,282.0	6,694.4	12,388.8
1993	629.2	424.3	627.9	955.3	1,398.4	2,072.3	3,041.8	4,391.7	6,834.7	12,674.9
1992	614.0	415.5	627.5	996.3	1,426.6	2,095.1	2,975.1	4,146.0	6,560.3	12,115.8
1991	626.6	424.3	647.8	968.9	1,451.5	2,133.7	3,074.6	4,367.7	6,772.1	12,501.2
1990	634.2	432.9	664.1	1,009.6	1,509.0	2,178.5	3,047.7	4,395.0	6,826.5	12,863.1
1989	649.0	433.8	673.9	1,017.2	1,552.8	2,231.1	3,130.5	4,669.6	6,966.0	12,935.8
1988	652.6	441.4	701.7	1,049.9	1,595.9	2,239.0	3,163.1	4,629.7	7,211.3	12,950.9
1987	640.2	442.5	722.0	1,027.5	1,588.9	2,213.9	3,196.4	4,504.2	7,181.1	12,606.7
1986	639.3	449.3	728.0	1,032.2	1,627.1	2,195.6	3,218.3	4,614.2	7,119.0	12,719.2
1985	638.8	452.2	722.4	1,107.6	1,624.9	2,219.7	3,311.7	4,645.9	7,494.4	12,312.0
1984	627.6	467.0	711.4	1,104.2	1,620.2	2,173.0	3,324.2	4,525.7	7,651.7	11,487.6
1983	629.8	478.0	749.0	1,137.0	1,657.0	2,196.4	3,377.5	4,571.1	7,455.2	11,495.7
1982	615.4	490.7	743.4	1,125.6	1,639.2	2,149.5	3,229.9	4,450.9	7,365.6	10,963.2
1981	630.0	513.8	774.8	1,160.9	1,653.5	2,221.9	3,311.1	4,474.2	7,533.3	11,371.7
1980	660.6	557.6	821.2	1,184.7	1,707.1	2,367.6	3,522.9	4,949.6	7,555.9	11,922.3
1979	635.7	547.0	832.8	1,135.2	1,704.0	2,272.7	3,461.2	4,776.0	6,579.7	10,829.8
All causes										
Black, both sexes										
1998	782.3	676.0	933.0	1,387.5	2,037.7	2,766.9	4,199.5	5,668.8	8,257.3	14,196.5
1997	789.9	698.0	957.0	1,409.5	2,104.8	2,777.6	4,302.9	5,563.7	8,051.4	14,288.3
1996	819.7	741.1	1,014.1	1,442.0	2,141.9	2,853.9	4,382.3	5,710.1	8,318.1	14,079.4
1995	846.2	782.6	1,052.3	1,487.4	2,177.1	2,966.3	4,444.4	5,730.2	8,494.5	14,175.0
1994	849.0	783.6	1,061.6	1,507.5	2,133.3	3,005.0	4,397.0	5,735.7	8,471.9	13,910.6
1993	864.6	775.3	1,075.8	1,557.2	2,190.4	3,111.3	4,427.4	5,889.8	8,633.7	14,302.9
1992	841.8	758.1	1,043.0	1,573.2	2,197.6	3,103.4	4,310.6	5,634.5	8,345.0	13,627.8
1991	861.4	771.0	1,078.3	1,574.0	2,231.2	3,188.9	4,372.0	5,845.5	8,628.5	13,975.7
1990	871.0	772.7	1,099.9	1,619.0	2,327.8	3,218.0	4,391.6	5,931.5	8,587.4	14,394.6
1989	887.9	775.6	1,147.1	1,656.2	2,395.7	3,347.3	4,489.3	6,224.4	8,583.3	14,420.5
1988	888.3	772.4	1,153.6	1,655.6	2,455.5	3,355.3	4,511.4	6,262.6	8,970.2	14,427.6
1987	868.9	752.5	1,165.7	1,605.1	2,444.4	3,313.2	4,540.1	6,086.6	9,006.5	14,049.0
1986	864.9	751.8	1,167.8	1,641.0	2,485.8	3,280.4	4,579.8	6,200.0	8,900.4	14,187.6
1985	854.8	760.6	1,163.0	1,709.9	2,499.4	3,266.7	4,670.9	6,135.0	9,315.1	13,679.5
1984	836.1	765.3	1,141.1	1,710.1	2,496.9	3,174.7	4,681.2	5,930.9	9,405.9	12,862.6
1983	836.6	772.4	1,165.3	1,747.2	2,526.9	3,176.6	4,702.8	6,016.1	9,324.2	12,789.7
1982	823.4	796.6	1,169.1	1,725.5	2,467.7	3,136.1	4,519.2	5,805.8	9,041.3	12,429.0
1981	842.4	843.4	1,227.6	1,787.4	2,471.8	3,202.7	4,579.7	5,796.0	9,367.9	12,995.8
1980	875.4	885.8	1,292.2	1,823.8	2,531.1	3,368.9	4,710.8	6,366.9	9,350.9	13,610.8
1979	839.3	869.9	1,306.2	1,762.0	2,478.5	3,185.8	4,609.1	5,923.5	8,018.4	12,143.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All causes										
Black, male										
1998	848.2	892.5	1,232.4	1,803.7	2,652.6	3,542.5	5,407.4	7,335.9	10,775.6	16,700.2
1997	867.1	937.8	1,262.2	1,842.2	2,734.4	3,586.2	5,584.6	7,286.4	10,568.3	16,935.0
1996	915.3	1,013.1	1,353.6	1,916.9	2,820.5	3,669.7	5,754.3	7,524.4	10,988.8	16,749.3
1995	960.2	1,091.0	1,436.9	1,971.9	2,863.7	3,860.1	5,892.6	7,576.7	11,163.7	17,016.0
1994	970.2	1,079.7	1,450.2	1,994.9	2,819.2	3,900.1	5,883.1	7,557.6	11,249.6	16,524.1
1993	992.2	1,071.9	1,462.4	2,101.6	2,912.8	4,089.7	5,899.4	7,769.2	11,336.3	17,256.1
1992	967.6	1,056.9	1,395.6	2,083.5	2,896.9	4,067.7	5,796.6	7,609.8	11,046.4	16,318.5
1991	994.8	1,075.4	1,455.0	2,131.4	2,951.6	4,221.0	5,810.5	7,781.8	11,415.2	16,667.6
1990	1,008.0	1,074.8	1,487.5	2,185.9	3,094.1	4,256.2	5,929.6	7,966.1	11,243.4	16,954.9
1989	1,026.7	1,081.5	1,590.2	2,261.0	3,183.8	4,490.5	6,035.3	8,177.0	10,973.2	16,751.5
1988	1,026.1	1,074.6	1,564.2	2,206.0	3,284.0	4,502.8	6,055.6	8,367.8	11,501.1	16,643.1
1987	1,006.2	1,031.5	1,569.3	2,148.1	3,259.0	4,459.7	6,095.2	8,094.3	11,521.7	16,415.6
1986	1,002.6	1,025.5	1,570.1	2,211.4	3,312.8	4,394.8	6,147.6	8,225.0	11,327.8	16,471.4
1985	989.3	1,044.2	1,574.9	2,265.1	3,365.1	4,378.2	6,287.8	7,960.6	11,805.7	15,774.2
1984	968.5	1,045.4	1,541.9	2,280.9	3,378.7	4,247.8	6,253.9	7,628.1	11,796.4	15,123.0
1983	971.2	1,055.5	1,551.4	2,324.8	3,387.1	4,220.3	6,254.5	7,760.0	11,796.3	14,863.3
1982	966.2	1,093.4	1,582.4	2,303.4	3,295.2	4,218.0	6,028.9	7,436.6	11,101.3	14,596.6
1981	992.6	1,165.8	1,671.4	2,391.3	3,293.9	4,291.3	6,013.8	7,413.3	11,590.9	15,121.4
1980	1,034.1	1,201.4	1,764.7	2,457.2	3,377.1	4,484.0	6,047.7	8,092.2	11,554.2	16,098.8
1979	999.6	1,187.0	1,785.6	2,401.9	3,293.8	4,238.8	5,931.0	7,314.3	9,945.5	14,465.4
All causes										
Black, female										
1998	722.6	490.5	680.6	1,049.0	1,556.1	2,192.5	3,404.1	4,657.6	7,031.2	13,252.2
1997	720.1	493.5	700.8	1,059.4	1,613.6	2,178.7	3,459.7	4,526.0	6,834.9	13,280.4
1996	733.3	509.6	730.8	1,059.6	1,614.3	2,248.0	3,482.2	4,623.2	7,020.0	13,058.3
1995	743.2	520.9	732.0	1,098.4	1,644.6	2,303.0	3,496.5	4,629.8	7,195.6	13,073.3
1994	739.7	533.2	738.5	1,118.4	1,602.2	2,342.4	3,422.4	4,665.3	7,102.9	12,888.4
1993	749.6	525.1	755.2	1,122.0	1,634.2	2,394.2	3,451.3	4,799.8	7,279.7	13,132.9
1992	728.6	506.3	751.8	1,166.6	1,662.7	2,399.0	3,329.0	4,493.8	6,974.7	12,543.3
1991	741.4	515.4	768.6	1,131.1	1,682.3	2,439.0	3,423.0	4,716.2	7,213.6	12,869.8
1990	747.9	519.1	782.3	1,170.1	1,749.1	2,467.7	3,381.4	4,738.9	7,212.1	13,309.5
1989	763.2	519.0	784.4	1,174.5	1,797.5	2,519.5	3,481.2	5,069.8	7,330.3	13,509.2
1988	764.6	519.6	815.2	1,216.4	1,825.8	2,522.5	3,483.7	5,003.7	7,633.7	13,461.1
1987	745.7	520.0	834.9	1,172.4	1,822.3	2,477.5	3,503.7	4,870.9	7,653.2	12,997.2
1986	741.5	524.6	838.9	1,181.4	1,856.0	2,463.7	3,533.5	4,960.5	7,576.4	13,144.9
1985	734.2	525.4	826.4	1,259.9	1,831.0	2,451.1	3,601.6	4,998.2	7,943.7	12,703.0
1984	717.4	533.8	811.4	1,243.5	1,814.2	2,383.4	3,631.3	4,865.4	8,084.9	11,793.8
1983	715.9	538.2	851.5	1,277.3	1,861.3	2,408.1	3,664.2	4,881.9	7,926.2	11,786.3
1982	695.5	552.5	834.0	1,254.7	1,819.7	2,338.4	3,481.3	4,782.9	7,847.1	11,363.6
1981	707.7	575.9	868.2	1,295.9	1,823.3	2,406.0	3,577.5	4,748.8	8,071.2	11,827.4
1980	733.3	626.7	910.5	1,305.8	1,860.7	2,538.4	3,759.6	5,243.8	8,030.1	12,367.2
1979	695.3	608.2	914.9	1,236.5	1,830.3	2,398.5	3,657.6	4,949.6	6,821.8	10,982.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Salmonella infections (002-003)										
All races, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	1.0
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	1.0
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*
Salmonella infections (002-003)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Salmonella infections (002-003)										
All races, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*
Salmonella infections (002-003)										
White, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	1.0
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Salmonella infections (002-003)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*
Salmonella infections (002-003)										
White, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Salmonella infections (002-003)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Salmonella infections (002-003)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Salmonella infections (002-003)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Salmonella infections (002-003)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Salmonella infections (002-003)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Salmonella infections (002-003)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Shigellosis and amebiasis (004,006)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (004,006)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

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[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Shigellosis and amebiasis (004,006)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (004,006)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Shigellosis and amebiasis (004,006)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (004,006)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Shigellosis and amebiasis (004,006)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (004,006)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Shigellosis and amebiasis (004,006)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (004,006)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Shigellosis and amebiasis (004,006)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (004,006)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain other intestinal infections (007-009)										
All races, both sexes										
1998	0.4	*	*	0.2	0.2	0.5	0.8	1.8	3.4	7.5
1997	0.4	*	*	*	0.2	0.5	1.0	1.9	3.6	6.6
1996	0.3	*	*	*	0.4	0.4	0.6	1.2	2.4	5.9
1995	0.3	*	*	*	*	0.3	0.7	1.2	2.3	6.1
1994	0.3	*	*	*	0.3	0.4	0.6	1.3	1.7	5.0
1993	0.2	*	*	*	0.2	0.3	0.7	1.2	2.1	4.5
1992	0.2	*	*	*	*	0.3	0.4	0.9	1.6	4.2
1991	0.2	*	*	*	*	0.3	0.4	0.5	1.4	3.8
1990	0.2	*	*	*	*	*	0.4	0.7	1.3	3.3
1989	0.1	*	*	*	*	0.3	0.3	0.6	0.8	2.4
1988	0.1	*	*	*	*	*	0.3	0.5	0.9	2.4
1987	0.1	*	*	*	*	*	0.3	0.5	0.6	1.9
1986	0.1	*	*	*	*	*	*	0.5	*	2.6
1985	0.1	*	*	*	*	*	*	0.4	0.9	2.0
1984	0.1	*	*	*	*	*	*	0.4	0.8	2.0
1983	0.2	*	*	*	*	*	0.3	0.6	1.0	2.5
1982	0.1	*	*	*	*	*	*	0.5	0.7	1.8
1981	0.2	*	*	*	*	*	*	0.6	1.4	2.5
1980	0.2	*	*	*	*	*	0.4	0.5	1.1	3.0
1979	0.1	*	*	*	*	*	*	0.5	1.1	2.1
Certain other intestinal infections (007-009)										
All races, male										
1998	0.3	*	*	*	*	0.6	0.8	1.8	3.8	8.2
1997	0.3	*	*	*	*	0.5	1.1	2.1	3.6	5.6
1996	0.3	*	*	*	*	0.5	0.7	1.5	2.0	4.9
1995	0.3	*	*	*	*	*	0.7	1.4	2.1	5.4
1994	0.3	*	*	*	*	*	0.7	1.3	2.1	4.6
1993	0.2	*	*	*	*	*	0.9	1.1	2.1	6.0
1992	0.2	*	*	*	*	*	0.5	1.0	1.7	4.8
1991	0.2	*	*	*	*	*	*	*	*	4.1
1990	0.1	*	*	*	*	*	*	*	*	4.0
1989	0.1	*	*	*	*	*	*	*	*	3.0
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	3.1
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain other intestinal infections (007-009)										
All races, female										
1998	0.4	*	*	*	*	0.5	0.9	1.8	3.2	7.2
1997	0.4	*	*	*	*	0.6	0.9	1.7	3.5	7.0
1996	0.3	*	*	*	0.5	0.4	0.6	1.0	2.6	6.3
1995	0.3	*	*	*	*	*	0.7	1.1	2.4	6.4
1994	0.3	*	*	*	*	0.4	0.5	1.2	1.6	5.2
1993	0.3	*	*	*	*	0.4	0.5	1.2	2.1	4.0
1992	0.2	*	*	*	*	*	*	0.8	1.5	3.9
1991	0.2	*	*	*	*	*	*	*	1.4	3.7
1990	0.2	*	*	*	*	*	0.4	0.8	1.3	3.1
1989	0.1	*	*	*	*	*	*	*	0.9	2.1
1988	0.1	*	*	*	*	*	*	*	0.9	2.5
1987	0.1	*	*	*	*	*	*	0.6	*	1.8
1986	0.1	*	*	*	*	*	*	*	*	2.3
1985	0.1	*	*	*	*	*	*	*	1.0	2.0
1984	0.1	*	*	*	*	*	*	*	*	1.9
1983	0.2	*	*	*	*	*	*	0.7	*	2.8
1982	0.2	*	*	*	*	*	*	*	*	1.7
1981	0.2	*	*	*	*	*	*	*	1.5	3.0
1980	0.2	*	*	*	*	*	*	*	1.1	3.1
1979	0.1	*	*	*	*	*	*	*	*	2.1
Certain other intestinal infections (007-009)										
White, both sexes										
1998	0.4	*	*	*	0.2	0.5	0.8	1.9	3.5	7.7
1997	0.4	*	*	*	0.2	0.5	0.9	2.0	3.7	7.0
1996	0.3	*	*	*	0.5	0.5	0.6	1.2	2.5	6.1
1995	0.3	*	*	*	*	0.3	0.7	1.3	2.3	6.5
1994	0.3	*	*	*	*	0.4	0.6	1.3	1.9	5.4
1993	0.2	*	*	*	*	0.3	0.6	1.1	2.2	4.8
1992	0.2	*	*	*	*	0.3	0.5	0.9	1.6	4.4
1991	0.2	*	*	*	*	0.3	0.4	0.5	1.5	3.9
1990	0.2	*	*	*	*	*	0.5	0.8	1.3	3.5
1989	0.1	*	*	*	*	0.3	0.3	0.6	0.9	2.4
1988	0.1	*	*	*	*	*	0.3	0.5	0.9	2.4
1987	0.1	*	*	*	*	*	0.3	0.5	0.7	2.1
1986	0.1	*	*	*	*	*	*	0.5	*	2.6
1985	0.1	*	*	*	*	*	*	0.4	0.9	2.0
1984	0.1	*	*	*	*	*	*	0.4	0.7	2.1
1983	0.1	*	*	*	*	*	*	0.7	1.0	2.6
1982	0.1	*	*	*	*	*	*	0.6	0.7	1.9
1981	0.1	*	*	*	*	*	*	0.6	1.4	2.6
1980	0.1	*	*	*	*	*	0.3	0.5	1.2	3.3
1979	0.1	*	*	*	*	*	*	*	1.2	2.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain other intestinal infections (007-009)										
White, male										
1998	0.3	*	*	*	*	0.6	0.8	1.9	4.1	8.6
1997	0.3	*	*	*	*	0.5	1.1	2.2	3.6	5.7
1996	0.2	*	*	*	*	*	0.6	1.5	2.1	5.2
1995	0.2	*	*	*	*	*	0.7	1.5	2.2	5.7
1994	0.2	*	*	*	*	*	0.6	1.4	2.2	4.8
1993	0.2	*	*	*	*	*	0.8	1.0	2.2	6.5
1992	0.2	*	*	*	*	*	*	1.0	1.8	5.2
1991	0.2	*	*	*	*	*	*	*	*	4.0
1990	0.1	*	*	*	*	*	*	*	*	4.2
1989	0.1	*	*	*	*	*	*	*	*	3.1
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	3.0
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)										
White, female										
1998	0.4	*	*	*	*	0.5	0.8	1.9	3.2	7.4
1997	0.4	*	*	*	*	0.6	0.8	1.8	3.7	7.4
1996	0.4	*	*	*	0.5	0.4	0.6	1.0	2.8	6.4
1995	0.3	*	*	*	*	*	0.6	1.2	2.3	6.8
1994	0.3	*	*	*	*	*	0.6	1.3	1.7	5.6
1993	0.3	*	*	*	*	0.4	0.5	1.2	2.1	4.2
1992	0.2	*	*	*	*	*	*	0.9	1.5	4.1
1991	0.2	*	*	*	*	*	*	*	1.5	3.8
1990	0.2	*	*	*	*	*	0.5	0.8	1.4	3.2
1989	0.1	*	*	*	*	*	*	*	0.9	2.1
1988	0.1	*	*	*	*	*	*	*	0.9	2.6
1987	0.1	*	*	*	*	*	*	0.6	*	2.0
1986	0.1	*	*	*	*	*	*	*	*	2.5
1985	0.1	*	*	*	*	*	*	*	1.1	2.0
1984	0.1	*	*	*	*	*	*	*	*	2.1
1983	0.1	*	*	*	*	*	*	0.7	*	2.9
1982	0.1	*	*	*	*	*	*	*	*	1.8
1981	0.2	*	*	*	*	*	*	*	1.5	3.2
1980	0.2	*	*	*	*	*	*	*	1.2	3.4
1979	0.1	*	*	*	*	*	*	*	*	2.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain other intestinal infections (007-009)										
All other, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)										
All other, male										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain other intestinal infections (007-009)										
All other, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)										
Black, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain other intestinal infections (007-009)										
Black, male										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (007-009)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Tuberculosis (010-018)										
All races, both sexes										
1998	0.4	0.3	0.3	0.5	0.9	1.0	1.5	1.9	3.0	4.4
1997	0.4	0.3	0.4	0.6	0.8	0.9	1.6	2.3	4.0	4.1
1996	0.4	0.4	0.4	0.6	0.9	1.0	1.6	2.2	3.5	5.1
1995	0.5	0.4	0.5	0.6	0.9	1.4	1.8	2.6	4.1	5.1
1994	0.6	0.5	0.5	0.9	1.1	1.5	1.9	2.9	3.9	6.2
1993	0.6	0.5	0.8	0.9	1.1	1.7	2.1	3.2	4.9	5.7
1992	0.7	0.6	0.6	1.0	1.3	1.5	2.7	3.1	4.4	6.5
1991	0.7	0.6	0.8	1.1	1.4	1.6	2.1	3.2	5.2	6.2
1990	0.7	0.7	0.8	1.1	1.4	1.8	2.5	3.4	5.0	6.9
1989	0.8	0.8	0.8	1.2	1.4	2.1	2.8	3.9	6.0	8.2
1988	0.8	0.8	0.9	1.2	1.4	1.9	2.8	4.0	5.9	8.9
1987	0.7	0.7	0.8	1.0	1.6	1.8	2.7	3.6	5.6	6.9
1986	0.7	0.6	1.0	1.0	1.5	1.9	2.5	4.1	5.3	7.7
1985	0.7	0.7	0.9	1.2	1.5	2.0	2.7	4.0	6.1	7.5
1984	0.7	0.7	0.9	1.3	1.4	2.1	2.9	3.8	6.1	6.8
1983	0.8	0.8	1.0	1.3	1.4	2.2	3.3	4.2	6.1	8.4
1982	0.8	0.6	1.0	1.4	1.6	2.3	3.2	5.2	5.6	9.5
1981	0.8	0.8	1.1	1.5	1.9	2.6	3.5	4.3	7.7	8.6
1980	0.9	0.8	1.3	1.5	1.9	2.8	4.3	4.9	6.8	9.6
1979	0.9	1.0	1.3	1.7	1.8	2.9	3.7	5.3	6.6	9.9
Tuberculosis (010-018)										
All races, male										
1998	0.5	0.4	0.5	0.7	1.2	1.3	2.0	2.8	4.8	7.3
1997	0.5	0.4	0.5	0.9	1.2	1.2	1.9	2.7	5.7	7.8
1996	0.6	0.5	0.6	1.0	1.3	1.5	2.3	3.1	5.7	8.2
1995	0.6	0.7	0.7	0.9	1.4	2.0	2.4	3.5	6.5	9.1
1994	0.7	0.7	0.7	1.2	1.6	2.2	2.5	4.0	5.7	11.2
1993	0.8	0.9	1.3	1.3	1.6	2.5	3.0	4.6	7.6	9.5
1992	0.8	1.0	1.0	1.6	2.1	2.0	4.0	4.7	6.8	10.3
1991	0.8	0.9	1.2	1.7	2.0	2.1	2.7	4.6	8.3	11.3
1990	0.9	1.1	1.2	1.6	2.0	2.6	3.6	5.5	8.6	12.6
1989	1.1	1.3	1.2	1.9	1.9	3.2	4.1	6.0	9.1	15.8
1988	1.0	1.3	1.4	1.8	2.2	2.8	4.4	6.2	8.6	15.2
1987	1.0	1.1	1.3	1.7	2.5	2.6	4.3	6.1	9.9	13.7
1986	1.0	1.0	1.7	1.6	2.0	2.8	3.7	6.2	9.2	13.7
1985	1.0	1.2	1.5	1.9	2.4	2.8	3.5	5.9	10.8	15.2
1984	1.0	1.1	1.5	2.0	2.2	3.1	4.6	6.0	10.0	13.5
1983	1.0	1.3	1.6	2.1	2.2	3.4	5.2	6.4	10.6	16.3
1982	1.1	1.0	1.6	2.3	2.4	3.4	5.1	8.6	9.8	15.8
1981	1.2	1.3	1.6	2.3	3.0	4.1	5.9	7.3	13.5	15.5
1980	1.2	1.1	2.0	2.4	3.1	4.6	6.8	7.6	13.0	19.2
1979	1.3	1.5	1.9	2.4	2.8	4.8	6.5	9.8	11.4	18.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Tuberculosis (010-018)										
All races, female										
1998	0.3	*	*	0.3	0.6	0.7	1.2	1.2	2.0	3.2
1997	0.4	0.3	0.3	0.4	0.5	0.7	1.4	2.0	3.1	2.7
1996	0.3	0.2	*	*	0.6	0.6	1.1	1.5	2.2	3.8
1995	0.4	*	0.3	0.4	0.4	0.9	1.3	1.9	2.8	3.5
1994	0.4	0.4	0.3	0.5	0.6	0.9	1.4	2.1	2.9	4.3
1993	0.5	*	0.4	0.6	0.5	1.0	1.4	2.3	3.4	4.3
1992	0.5	*	*	0.4	0.7	1.1	1.6	2.0	3.1	5.0
1991	0.5	*	0.5	0.4	0.8	1.2	1.6	2.3	3.6	4.2
1990	0.5	0.3	0.4	0.7	0.9	1.2	1.7	2.1	3.1	4.7
1989	0.5	0.4	0.5	0.5	0.9	1.2	1.8	2.6	4.4	5.2
1988	0.6	0.3	*	0.6	0.7	1.1	1.7	2.5	4.5	6.4
1987	0.5	0.4	0.4	0.5	0.8	1.2	1.6	2.1	3.4	4.2
1986	0.5	*	*	0.5	1.1	1.3	1.6	2.7	3.3	5.3
1985	0.5	*	0.4	0.5	0.8	1.4	2.2	2.9	3.7	4.4
1984	0.5	*	0.4	0.6	0.8	1.3	1.7	2.5	4.0	4.1
1983	0.5	*	0.5	0.6	0.8	1.2	1.9	2.9	3.8	5.2
1982	0.5	*	0.4	0.6	0.8	1.4	1.8	3.1	3.4	6.9
1981	0.5	0.4	0.7	0.8	1.0	1.4	2.4	2.4	4.6	5.7
1980	0.6	0.5	0.7	0.7	0.9	1.4	2.5	3.2	3.5	5.3
1979	0.6	0.6	0.7	1.1	0.9	1.3	1.6	2.4	4.0	6.2
Tuberculosis (010-018)										
White, both sexes										
1998	0.3	0.1	0.2	0.4	0.6	0.7	1.0	1.5	2.5	3.4
1997	0.3	0.1	0.2	0.4	0.5	0.6	1.2	1.8	3.2	3.1
1996	0.3	0.2	0.2	0.4	0.5	0.7	1.3	1.6	2.7	4.2
1995	0.4	0.2	0.3	0.4	0.6	0.9	1.3	2.0	3.4	3.8
1994	0.4	0.3	0.2	0.4	0.7	1.0	1.4	2.2	3.0	5.2
1993	0.4	0.2	0.5	0.5	0.6	1.2	1.6	2.5	4.2	4.3
1992	0.5	0.3	0.3	0.6	0.9	0.9	2.0	2.4	3.6	5.3
1991	0.5	0.2	0.4	0.6	0.8	1.1	1.5	2.5	4.2	4.8
1990	0.5	0.3	0.5	0.6	1.0	1.3	1.9	2.5	4.0	5.5
1989	0.6	0.3	0.4	0.6	1.0	1.4	2.0	2.9	5.1	6.8
1988	0.6	0.4	0.5	0.8	1.0	1.3	2.3	3.2	4.8	7.1
1987	0.5	0.3	0.6	0.7	1.2	1.4	2.1	2.7	4.3	5.7
1986	0.5	0.4	0.5	0.7	1.0	1.3	1.9	3.3	4.1	6.4
1985	0.5	0.3	0.6	0.8	1.1	1.5	2.1	3.3	5.0	5.9
1984	0.5	0.3	0.5	0.8	1.0	1.5	2.2	3.2	5.0	5.7
1983	0.6	0.4	0.6	0.9	1.0	1.8	2.4	3.5	5.0	6.8
1982	0.6	0.2	0.7	0.8	1.0	1.7	2.4	4.2	4.6	7.9
1981	0.6	0.4	0.6	1.0	1.4	1.8	2.8	3.4	6.4	7.3
1980	0.6	0.4	0.7	0.9	1.4	2.2	3.2	4.1	5.2	8.4
1979	0.7	0.6	0.6	1.1	1.2	2.3	3.0	4.3	5.7	8.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Tuberculosis (010-018)										
White, male										
1998	0.3	*	0.3	0.6	0.9	0.8	1.2	2.1	3.9	4.6
1997	0.3	*	*	0.5	0.8	0.7	1.3	2.0	4.3	5.8
1996	0.4	0.3	0.4	0.8	0.7	1.1	1.8	2.3	3.7	6.6
1995	0.4	0.3	0.4	0.5	1.1	1.3	1.6	2.8	5.3	6.7
1994	0.5	0.3	*	0.5	1.0	1.6	1.9	2.9	4.0	9.8
1993	0.6	0.4	0.7	0.8	1.1	1.8	2.5	3.4	6.2	6.5
1992	0.6	0.4	0.5	1.1	1.4	1.1	3.1	3.2	5.3	8.8
1991	0.6	0.4	0.5	1.0	1.3	1.5	1.9	3.4	6.4	8.9
1990	0.6	0.4	0.8	0.9	1.3	1.7	2.8	3.7	6.6	9.5
1989	0.7	0.5	0.6	1.0	1.4	2.2	3.0	4.3	7.3	13.2
1988	0.7	0.6	0.8	1.2	1.7	1.9	3.3	4.9	7.1	11.8
1987	0.7	0.5	0.9	1.1	1.8	1.9	3.4	4.5	7.8	11.9
1986	0.7	0.5	0.8	1.1	1.4	1.9	3.1	4.9	6.9	11.9
1985	0.7	0.5	0.9	1.2	1.9	2.1	2.6	4.8	9.3	11.8
1984	0.7	0.6	0.7	1.3	1.5	2.2	3.5	4.9	8.3	11.6
1983	0.7	0.6	0.9	1.4	1.5	2.8	3.8	5.2	8.2	13.3
1982	0.8	*	1.1	1.3	1.6	2.7	3.7	7.1	8.0	13.4
1981	0.8	0.6	1.0	1.5	2.2	2.8	4.6	5.6	11.2	12.6
1980	0.9	0.5	1.1	1.6	2.3	3.7	5.1	6.4	10.1	17.4
1979	1.0	0.9	1.0	1.6	1.9	3.9	5.4	8.4	10.3	16.0
Tuberculosis (010-018)										
White, female										
1998	0.2	*	*	*	*	0.5	0.9	1.0	1.7	2.9
1997	0.3	*	*	*	*	0.4	1.1	1.6	2.6	2.1
1996	0.3	*	*	*	*	*	0.9	1.1	2.1	3.3
1995	0.3	*	*	*	*	0.6	1.0	1.5	2.3	2.7
1994	0.3	*	*	*	*	0.6	0.9	1.7	2.4	3.4
1993	0.3	*	*	*	*	0.6	1.0	1.9	3.1	3.5
1992	0.4	*	*	*	0.5	0.7	1.2	1.8	2.7	4.0
1991	0.4	*	*	*	*	0.8	1.3	1.9	3.0	3.3
1990	0.4	*	*	*	0.7	0.9	1.3	1.7	2.6	3.9
1989	0.4	*	*	*	0.7	0.8	1.3	2.0	3.9	4.4
1988	0.4	*	*	*	0.5	0.7	1.5	2.1	3.7	5.3
1987	0.3	*	*	*	0.6	0.9	1.1	1.6	2.4	3.3
1986	0.4	*	*	*	0.7	0.8	1.1	2.3	2.7	4.2
1985	0.4	*	*	*	0.5	1.1	1.8	2.4	2.8	3.6
1984	0.3	*	*	0.4	0.5	0.9	1.2	2.1	3.2	3.3
1983	0.4	*	*	0.4	0.6	1.0	1.4	2.4	3.4	4.1
1982	0.4	*	*	*	0.5	0.9	1.5	2.4	2.8	5.6
1981	0.4	*	*	0.5	0.7	1.1	1.4	2.0	3.8	5.1
1980	0.4	*	0.4	*	0.7	1.1	1.8	2.7	2.7	4.5
1979	0.4	*	*	0.6	0.7	1.0	1.3	1.8	3.2	5.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Tuberculosis (010-018)										
All other, both sexes										
1998	0.9	1.2	1.1	1.1	2.5	3.2	5.3	5.4	8.7	14.2
1997	1.0	1.4	1.6	2.0	2.6	3.4	5.2	7.3	12.2	13.9
1996	1.0	1.3	1.7	1.7	3.9	3.1	4.9	7.5	11.6	13.5
1995	1.2	1.8	1.8	2.0	2.5	5.0	6.3	7.5	11.6	17.7
1994	1.4	2.0	2.3	3.6	3.9	4.8	6.5	9.1	12.6	16.6
1993	1.5	2.2	2.8	3.4	3.9	5.7	6.3	10.6	11.8	19.9
1992	1.7	2.4	2.5	3.2	4.5	6.5	8.4	9.8	13.1	18.5
1991	1.8	2.5	3.0	4.1	5.5	5.3	6.7	9.6	16.0	20.5
1990	1.9	3.3	2.7	4.6	5.0	6.2	7.7	12.3	16.0	22.3
1989	2.1	3.9	3.7	5.0	4.0	7.4	9.5	14.0	15.6	22.3
1988	2.0	3.4	3.4	3.8	4.5	6.7	7.8	11.2	17.2	27.8
1987	1.8	3.2	2.4	3.5	4.6	5.8	8.9	12.5	20.1	20.0
1986	2.0	2.3	4.4	3.2	5.5	7.3	7.5	11.8	18.2	22.1
1985	1.8	3.0	3.5	4.5	4.7	5.9	8.2	10.8	18.0	24.7
1984	1.9	2.9	3.9	4.9	5.5	7.2	9.6	10.1	18.3	18.9
1983	1.9	3.4	3.9	4.8	5.2	5.7	11.2	11.6	18.7	26.9
1982	2.0	2.7	3.3	6.0	6.3	7.3	10.3	14.9	17.9	27.5
1981	2.2	3.9	4.7	5.8	6.7	9.5	10.2	13.2	22.8	23.7
1980	2.3	3.9	5.7	6.1	6.3	8.1	15.2	13.1	25.3	22.9
1979	2.3	4.2	6.4	7.1	7.0	7.9	10.6	14.3	17.4	24.7
Tuberculosis (010-018)										
All other, male										
1998	1.2	1.7	*	*	3.2	4.7	8.3	9.9	15.3	32.6
1997	1.2	1.7	2.3	3.2	3.5	4.6	7.7	9.2	21.0	26.3
1996	1.3	2.0	2.4	*	6.0	4.6	7.4	10.7	27.1	23.3
1995	1.5	3.0	2.9	3.5	3.9	7.9	9.4	11.2	19.1	31.1
1994	1.8	2.8	3.6	5.8	6.2	7.4	8.2	15.4	23.1	24.1
1993	2.0	4.0	4.7	4.8	5.8	7.8	8.0	17.5	21.5	36.8
1992	2.2	4.4	4.2	5.0	7.5	9.7	13.2	19.4	22.3	23.6
1991	2.3	3.9	5.2	7.1	7.4	7.1	9.6	15.8	27.6	34.1
1990	2.7	5.3	4.0	7.0	8.0	9.8	11.6	22.8	29.1	41.8
1989	3.0	6.6	5.3	8.8	6.2	11.9	14.6	22.5	26.4	39.5
1988	2.7	5.5	5.9	5.7	6.6	10.6	14.5	19.2	23.9	46.8
1987	2.5	5.0	4.2	5.9	7.8	8.4	12.4	21.4	30.4	29.9
1986	2.7	4.0	8.3	4.9	7.2	10.7	9.5	19.0	32.4	30.7
1985	2.5	5.4	5.7	7.9	6.9	9.2	12.0	16.0	26.9	47.9
1984	2.8	4.5	7.2	8.3	7.8	11.1	14.9	16.3	26.7	31.9
1983	2.8	5.8	6.8	8.3	8.2	9.5	18.4	17.8	36.1	44.9
1982	2.9	4.9	5.8	10.3	10.1	9.4	18.0	23.0	28.7	38.8
1981	3.2	6.5	6.0	9.0	10.6	16.4	17.7	23.1	38.5	45.3
1980	3.2	5.5	9.4	9.0	10.7	13.2	22.5	19.5	43.6	37.9
1979	3.2	5.9	9.2	9.8	11.9	12.4	17.4	22.3	*	39.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Tuberculosis (010-018)										
All other, female										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.8	*	*	*	*	*	3.5	6.0	7.5	8.7
1996	0.7	*	*	*	*	*	*	5.5	*	9.4
1995	0.8	*	*	*	*	*	4.2	5.2	7.5	12.0
1994	1.0	*	*	*	*	*	5.4	5.1	*	13.5
1993	1.0	*	*	*	*	4.1	5.2	6.3	*	12.6
1992	1.1	*	*	*	*	4.2	5.1	*	*	16.2
1991	1.3	*	*	*	4.0	4.0	4.7	5.7	9.6	14.6
1990	1.2	*	*	2.8	*	3.5	5.1	5.8	*	13.4
1989	1.3	*	2.4	*	*	4.1	6.1	8.7	9.4	14.2
1988	1.3	*	*	*	2.9	3.7	*	6.1	13.2	18.9
1987	1.2	*	*	*	*	3.8	6.5	6.8	14.3	15.3
1986	1.2	*	*	*	4.2	4.8	6.1	7.1	*	17.9
1985	1.2	*	*	*	3.1	*	5.5	7.3	12.8	13.3
1984	1.2	*	*	*	3.6	4.3	5.9	*	13.4	*
1983	1.1	*	*	*	*	*	6.0	7.5	*	18.0
1982	1.2	*	*	*	3.4	5.7	*	9.5	*	21.8
1981	1.3	*	3.6	3.2	3.6	4.3	*	*	13.3	*
1980	1.5	2.6	2.7	3.6	*	4.2	9.8	8.7	14.1	*
1979	1.6	2.8	4.2	4.8	*	4.4	*	8.5	14.5	17.5
Tuberculosis (010-018)										
Black, both sexes										
1998	1.0	1.5	1.2	*	3.1	3.3	5.5	4.7	8.3	13.1
1997	1.0	1.5	2.1	2.0	2.7	3.2	5.1	5.7	9.8	10.9
1996	1.1	1.6	2.1	1.9	4.1	2.9	4.7	6.8	9.4	11.8
1995	1.2	2.3	2.3	1.9	2.9	5.1	5.8	6.4	10.4	15.1
1994	1.5	2.2	2.6	3.9	4.1	4.9	6.6	8.4	11.1	14.6
1993	1.7	2.8	3.3	3.6	4.1	6.2	6.1	10.3	9.5	18.9
1992	1.9	2.9	3.1	3.8	5.1	6.2	8.6	9.3	13.5	18.1
1991	2.0	3.4	3.8	4.3	5.9	5.4	6.8	8.2	12.1	16.0
1990	2.2	4.2	2.7	5.3	5.1	6.3	7.4	11.6	16.0	21.6
1989	2.3	4.5	4.6	5.2	3.9	8.0	9.8	13.2	14.2	22.3
1988	2.2	4.1	3.7	4.0	4.6	7.3	8.1	9.5	15.8	25.2
1987	2.0	3.9	2.6	4.1	5.1	5.7	8.0	12.5	16.3	18.8
1986	2.2	3.0	5.2	3.2	5.6	8.4	7.9	10.8	16.1	20.9
1985	2.0	3.6	4.4	5.4	5.4	6.4	8.3	10.2	15.9	23.6
1984	2.2	3.4	4.7	5.6	5.9	7.8	10.1	9.9	17.8	16.8
1983	2.1	4.2	4.5	5.0	5.6	5.7	10.7	10.9	16.7	26.6
1982	2.1	3.0	3.5	6.7	7.2	7.4	10.6	13.8	14.2	26.1
1981	2.4	4.7	5.4	6.5	7.2	9.2	10.5	13.2	22.0	23.8
1980	2.4	4.4	6.4	6.4	6.9	8.5	15.4	12.4	26.0	20.7
1979	2.4	4.7	6.8	7.7	7.4	7.7	10.0	13.6	15.9	23.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Tuberculosis (010-018)										
Black, male										
1998	1.3	2.3	*	*	*	*	9.0	*	*	31.1
1997	1.2	*	3.0	*	*	*	8.1	*	*	*
1996	1.4	2.7	3.0	*	5.9	*	7.5	11.6	22.2	*
1995	1.7	4.1	3.9	*	4.6	8.6	8.7	*	20.5	*
1994	2.0	3.4	4.5	6.2	7.0	7.9	8.8	15.1	22.5	*
1993	2.3	5.1	6.2	5.8	6.5	8.3	8.4	17.1	*	36.8
1992	2.6	5.5	5.4	5.9	8.9	9.8	14.5	19.3	25.5	*
1991	2.6	5.3	6.7	7.7	8.9	7.7	9.1	15.0	20.9	*
1990	3.1	6.8	4.1	8.3	8.8	9.4	10.7	22.4	29.5	42.3
1989	3.4	7.7	6.7	9.7	5.5	13.2	15.5	20.2	24.7	43.9
1988	3.0	7.0	6.6	6.2	7.4	12.2	16.0	16.4	21.3	40.0
1987	2.8	6.3	4.8	6.8	9.4	8.9	12.9	21.1	23.9	*
1986	3.1	5.2	10.4	5.5	7.2	12.8	9.7	17.4	27.8	31.7
1985	2.9	6.9	7.2	9.5	7.7	10.3	11.8	15.9	24.1	50.0
1984	3.2	5.4	8.7	9.5	8.8	12.5	16.3	16.2	27.4	*
1983	3.1	7.4	7.7	8.6	9.2	10.1	18.0	18.8	32.9	43.3
1982	3.2	5.5	6.5	11.8	11.6	9.3	19.8	22.4	25.0	37.9
1981	3.5	7.8	6.9	10.0	11.5	17.1	18.8	23.4	37.7	44.6
1980	3.5	6.8	11.3	10.3	11.9	14.1	24.3	17.7	48.0	*
1979	3.4	7.1	10.2	11.0	13.2	13.0	16.4	21.7	*	*
Tuberculosis (010-018)										
Black, female										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.8	*	*	*	*	*	*	*	*	*
1996	0.7	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	12.0
1994	1.1	*	*	*	*	*	5.3	*	*	10.9
1993	1.1	*	*	*	*	4.7	*	6.4	*	11.9
1992	1.3	*	*	*	*	*	*	*	*	15.8
1991	1.4	*	*	*	3.6	*	5.3	*	*	11.9
1990	1.4	*	*	*	*	4.0	5.2	*	*	12.8
1989	1.4	*	*	*	*	4.3	6.0	9.0	*	13.1
1988	1.4	*	*	*	*	*	*	*	12.9	18.8
1987	1.2	*	*	*	*	*	*	7.3	12.3	13.9
1986	1.3	*	*	*	4.4	5.1	6.6	*	*	15.9
1985	1.2	*	*	*	*	*	5.9	*	*	*
1984	1.3	*	*	*	*	4.4	6.0	*	*	*
1983	1.1	*	*	*	*	*	5.8	*	*	18.5
1982	1.2	*	*	*	*	6.0	*	8.4	*	20.3
1981	1.4	*	4.2	3.6	*	*	*	*	*	*
1980	1.5	*	*	*	*	*	9.1	8.9	*	*
1979	1.6	*	4.1	5.0	*	*	*	*	*	19.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Respiratory tuberculosis (010-012)										
All races, both sexes										
1998	0.3	0.3	0.2	0.3	0.7	0.7	1.1	1.4	2.4	3.6
1997	0.3	0.2	0.3	0.4	0.6	0.6	1.3	1.7	3.2	3.5
1996	0.3	0.2	0.3	0.5	0.7	0.8	1.2	1.8	2.7	4.2
1995	0.4	0.3	0.3	0.5	0.7	1.2	1.4	2.1	3.3	4.4
1994	0.4	0.4	0.3	0.5	0.8	1.1	1.4	2.4	3.1	5.4
1993	0.5	0.4	0.7	0.7	0.8	1.4	1.8	2.4	3.9	5.0
1992	0.5	0.4	0.5	0.8	1.1	1.1	2.2	2.5	3.8	5.2
1991	0.5	0.4	0.7	0.8	1.1	1.2	1.7	2.4	4.2	5.0
1990	0.6	0.5	0.5	0.8	1.1	1.5	2.0	2.9	4.1	5.8
1989	0.6	0.6	0.6	0.9	1.0	1.7	2.2	3.1	5.0	7.1
1988	0.6	0.6	0.6	0.9	1.1	1.5	2.3	3.0	5.1	7.5
1987	0.6	0.5	0.7	0.8	1.3	1.5	2.2	3.0	4.7	5.9
1986	0.6	0.5	0.8	0.8	1.2	1.6	2.0	3.4	4.4	6.6
1985	0.6	0.5	0.8	1.0	1.2	1.6	2.1	3.2	5.1	6.3
1984	0.6	0.6	0.7	1.0	1.1	1.7	2.2	3.1	4.8	5.7
1983	0.6	0.6	0.9	1.0	1.2	1.8	2.6	3.4	5.0	7.0
1982	0.6	0.5	0.8	1.1	1.3	2.0	2.6	4.3	4.5	8.1
1981	0.7	0.6	0.9	1.3	1.6	2.3	2.8	3.6	6.3	7.2
1980	0.7	0.6	1.1	1.3	1.6	2.4	3.6	4.2	5.7	8.3
1979	0.7	0.8	1.0	1.5	1.5	2.4	3.1	4.6	5.3	8.1
Respiratory tuberculosis (010-012)										
All races, male										
1998	0.4	0.4	0.4	0.4	1.0	1.0	1.5	2.3	4.3	6.4
1997	0.4	0.3	0.4	0.7	1.0	0.9	1.7	2.1	5.0	7.1
1996	0.5	0.3	0.5	0.9	1.1	1.2	1.8	2.7	4.7	7.5
1995	0.5	0.5	0.5	0.8	1.3	1.8	2.0	3.0	5.7	8.3
1994	0.6	0.5	0.5	0.8	1.4	1.7	2.1	3.6	4.7	10.1
1993	0.7	0.7	1.1	1.1	1.4	2.1	2.6	3.8	6.3	8.2
1992	0.7	0.8	0.9	1.3	1.8	1.6	3.5	3.9	5.9	8.4
1991	0.7	0.7	1.0	1.3	1.7	1.7	2.3	3.5	7.0	9.6
1990	0.7	0.8	0.8	1.1	1.6	2.1	3.0	4.8	7.2	10.9
1989	0.9	1.0	0.9	1.6	1.5	2.7	3.3	5.0	7.8	14.1
1988	0.8	1.1	1.1	1.6	1.9	2.4	3.5	5.0	7.7	12.6
1987	0.8	0.8	1.1	1.4	2.2	2.2	3.7	5.3	8.7	12.3
1986	0.8	0.8	1.4	1.3	1.8	2.4	3.2	5.5	7.7	11.4
1985	0.8	0.9	1.2	1.6	2.1	2.3	2.8	4.9	9.5	13.0
1984	0.8	0.9	1.2	1.7	1.8	2.7	3.9	5.2	8.7	11.1
1983	0.9	1.0	1.5	1.7	1.9	2.9	4.3	5.5	8.9	14.1
1982	0.9	0.8	1.4	2.0	2.1	3.0	4.3	7.2	7.7	14.2
1981	1.0	1.0	1.4	2.0	2.6	3.8	5.1	6.2	12.0	13.4
1980	1.0	1.0	1.7	2.0	2.7	4.0	5.7	6.8	12.0	16.7
1979	1.1	1.3	1.6	2.2	2.6	4.1	5.8	8.8	10.0	15.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Respiratory tuberculosis (010-012)										
All races, female										
1998	0.2	*	*	*	*	0.5	0.8	0.9	1.3	2.5
1997	0.2	*	*	*	*	0.4	1.0	1.5	2.2	2.1
1996	0.2	*	*	*	*	0.4	0.7	1.1	1.6	3.0
1995	0.3	*	*	*	*	0.6	0.9	1.4	2.0	2.9
1994	0.3	*	*	*	0.4	0.6	0.9	1.6	2.3	3.7
1993	0.3	*	*	0.4	*	0.8	1.1	1.5	2.5	3.8
1992	0.4	*	*	*	0.6	0.7	1.2	1.6	2.7	3.9
1991	0.4	*	*	*	0.6	0.7	1.2	1.6	2.7	3.3
1990	0.4	*	*	0.4	0.6	0.9	1.3	1.7	2.4	3.8
1989	0.4	*	*	*	0.6	0.9	1.4	1.8	3.6	4.4
1988	0.4	*	*	*	0.4	0.7	1.4	1.7	3.7	5.4
1987	0.3	*	*	*	0.6	1.0	1.2	1.5	2.5	3.4
1986	0.4	*	*	0.4	0.8	0.9	1.1	2.0	2.6	4.7
1985	0.4	*	*	0.4	0.5	1.0	1.6	2.1	2.8	3.7
1984	0.3	*	*	0.5	0.6	0.9	1.0	1.8	2.8	3.5
1983	0.4	*	0.4	0.3	0.6	1.0	1.3	2.1	3.0	4.1
1982	0.4	*	*	*	0.6	1.2	1.4	2.5	2.8	5.6
1981	0.4	*	0.5	0.6	0.8	1.1	1.1	2.0	3.3	4.5
1980	0.4	*	0.5	0.6	0.7	1.0	2.1	2.5	2.3	4.6
1979	0.4	0.4	0.5	0.8	0.6	1.0	1.2	1.9	2.8	4.7
Respiratory tuberculosis (010-012)										
White, both sexes										
1998	0.2	*	0.1	0.2	0.5	0.5	0.7	1.2	1.9	2.8
1997	0.2	*	*	0.3	0.4	0.4	1.0	1.3	2.6	2.8
1996	0.2	0.1	*	0.4	0.3	0.5	0.9	1.3	2.0	3.5
1995	0.3	*	0.2	0.3	0.5	0.7	1.0	1.7	2.9	3.3
1994	0.3	0.2	*	0.3	0.5	0.8	1.0	1.8	2.4	4.6
1993	0.4	0.2	0.4	0.4	0.5	0.9	1.3	1.9	3.3	3.8
1992	0.4	0.2	0.2	0.5	0.8	0.6	1.7	2.0	3.1	4.2
1991	0.4	0.2	0.3	0.5	0.7	0.9	1.2	1.9	3.4	4.0
1990	0.4	0.2	0.4	0.4	0.7	1.0	1.6	2.1	3.3	4.7
1989	0.4	0.2	0.3	0.5	0.8	1.2	1.7	2.3	4.3	6.0
1988	0.5	0.3	0.3	0.7	0.9	1.0	1.9	2.6	4.3	6.0
1987	0.4	0.2	0.5	0.6	1.1	1.1	1.7	2.3	3.8	4.8
1986	0.4	0.3	0.4	0.6	0.9	1.1	1.6	2.7	3.4	5.4
1985	0.4	0.3	0.5	0.6	0.9	1.3	1.7	2.7	4.0	5.2
1984	0.4	0.3	0.3	0.7	0.8	1.2	1.7	2.6	3.8	4.9
1983	0.5	0.3	0.5	0.7	0.9	1.5	2.0	2.8	4.2	5.8
1982	0.5	0.2	0.6	0.7	0.9	1.5	2.1	3.5	3.7	6.8
1981	0.5	0.3	0.5	0.8	1.2	1.7	2.2	2.9	5.3	6.2
1980	0.5	0.3	0.6	0.8	1.2	1.9	2.7	3.5	4.5	7.2
1979	0.6	0.5	0.5	1.0	1.1	2.0	2.6	3.8	4.6	7.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Respiratory tuberculosis (010-012)										
White, male										
1998	0.3	*	*	*	0.8	0.7	0.9	1.6	3.3	4.1
1997	0.3	*	*	0.4	0.6	0.5	1.1	1.6	3.8	5.4
1996	0.3	*	*	0.6	0.5	0.9	1.4	2.0	3.0	6.1
1995	0.4	*	*	0.4	1.0	1.1	1.4	2.4	4.7	6.0
1994	0.4	*	*	*	0.8	1.3	1.6	2.6	3.3	8.9
1993	0.5	0.3	0.6	0.7	0.9	1.5	2.1	2.8	5.3	5.5
1992	0.5	0.3	0.4	0.9	1.2	0.9	2.6	2.6	4.7	7.3
1991	0.5	*	0.4	0.8	1.1	1.3	1.6	2.8	5.5	7.5
1990	0.5	*	0.6	0.7	1.0	1.5	2.3	3.2	5.7	8.6
1989	0.6	0.4	0.5	0.8	1.2	1.9	2.6	3.6	6.4	11.6
1988	0.6	0.5	0.6	1.2	1.4	1.7	2.7	4.0	6.5	9.8
1987	0.6	*	0.8	1.0	1.7	1.7	3.0	3.9	7.5	10.5
1986	0.6	0.4	0.7	1.0	1.2	1.7	2.7	4.3	5.9	9.7
1985	0.6	0.5	0.8	1.0	1.6	1.7	2.2	4.2	7.8	10.2
1984	0.6	0.5	0.6	1.0	1.3	1.9	3.0	4.3	7.2	9.8
1983	0.6	0.5	0.8	1.2	1.4	2.4	3.3	4.4	6.8	11.5
1982	0.7	*	0.9	1.2	1.5	2.5	3.3	5.9	6.3	12.3
1981	0.7	0.5	1.0	1.3	2.0	2.7	4.0	4.9	10.0	11.3
1980	0.8	0.5	0.9	1.4	2.0	3.2	4.5	5.8	9.7	15.0
1979	0.9	0.8	0.9	1.5	1.7	3.5	5.0	7.6	8.9	13.9
Respiratory tuberculosis (010-012)										
White, female										
1998	0.2	*	*	*	*	*	0.6	0.8	1.1	2.3
1997	0.2	*	*	*	*	*	0.8	1.2	1.9	1.8
1996	0.2	*	*	*	*	*	0.5	0.8	1.5	2.5
1995	0.2	*	*	*	*	*	0.7	1.2	1.9	2.2
1994	0.2	*	*	*	*	0.4	0.6	1.3	2.0	2.9
1993	0.3	*	*	*	*	0.5	0.8	1.3	2.3	3.2
1992	0.3	*	*	*	*	0.4	1.0	1.5	2.3	3.1
1991	0.3	*	*	*	*	0.6	0.9	1.3	2.3	2.6
1990	0.3	*	*	*	0.4	0.6	1.0	1.4	2.1	3.2
1989	0.3	*	*	*	0.5	0.6	1.0	1.5	3.1	3.8
1988	0.3	*	*	*	*	0.5	1.3	1.6	3.2	4.6
1987	0.3	*	*	*	0.6	0.7	0.8	1.2	1.9	2.6
1986	0.3	*	*	*	0.5	0.7	0.9	1.7	2.1	3.7
1985	0.3	*	*	*	*	0.9	1.3	1.7	2.1	3.2
1984	0.2	*	*	*	*	0.6	0.8	1.6	2.1	3.0
1983	0.3	*	*	*	0.5	0.8	1.0	1.9	2.8	3.5
1982	0.3	*	*	*	0.4	0.8	1.2	2.0	2.3	4.6
1981	0.3	*	*	*	0.6	0.9	1.0	1.7	2.8	4.1
1980	0.3	*	*	*	0.6	0.9	1.5	2.1	1.9	3.9
1979	0.3	*	*	0.5	0.5	0.9	0.9	1.5	2.3	4.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Respiratory tuberculosis (010-012)										
All other, both sexes										
1998	0.7	1.0	*	*	1.8	2.0	4.3	4.0	7.1	11.2
1997	0.7	1.0	1.1	1.3	2.1	2.4	4.0	5.4	9.1	10.3
1996	0.8	0.9	1.4	1.4	2.9	2.3	3.5	5.8	9.6	11.8
1995	0.9	1.4	1.4	1.7	1.9	4.4	4.5	5.2	7.6	15.9
1994	1.0	1.5	1.7	2.0	3.2	3.0	4.8	8.1	10.1	14.4
1993	1.2	1.8	2.2	2.5	3.2	4.9	5.5	7.3	9.2	17.0
1992	1.3	1.8	1.9	2.6	3.8	4.7	6.9	7.9	10.9	14.7
1991	1.3	2.1	2.8	3.0	4.5	3.6	5.7	6.6	12.6	16.2
1990	1.4	2.3	1.5	3.0	3.5	4.9	6.2	10.3	12.0	17.3
1989	1.6	2.8	2.6	4.0	2.8	5.6	6.9	10.1	12.9	18.8
1988	1.4	2.7	2.6	2.6	3.0	5.0	6.1	7.1	13.4	22.6
1987	1.3	2.3	1.8	2.4	3.3	4.7	7.1	9.8	13.6	17.5
1986	1.5	1.8	3.4	2.7	4.4	5.6	5.5	10.1	14.8	19.9
1985	1.4	2.0	2.7	3.6	3.8	4.5	6.1	8.1	16.9	19.3
1984	1.5	2.4	3.3	4.1	4.2	6.2	6.9	7.7	15.8	14.3
1983	1.4	2.6	3.5	3.2	4.3	4.5	7.9	8.8	14.9	20.7
1982	1.5	2.1	2.6	4.7	4.9	5.9	7.3	12.0	13.9	22.5
1981	1.7	2.8	3.7	5.0	5.0	7.8	8.2	10.4	18.7	18.4
1980	1.8	3.1	4.7	5.1	5.2	6.5	11.8	10.6	19.2	20.1
1979	1.8	3.2	5.0	5.8	5.6	5.5	8.2	11.6	13.8	19.0
Respiratory tuberculosis (010-012)										
All other, male										
1998	0.9	1.5	*	*	*	*	6.8	8.1	14.6	27.1
1997	1.0	*	*	*	3.2	*	6.7	7.7	16.9	22.6
1996	1.1	*	2.2	*	5.0	*	*	9.2	23.6	20.4
1995	1.3	2.4	2.4	2.9	3.4	7.1	7.8	8.8	16.3	30.1
1994	1.4	2.3	2.9	3.6	5.5	4.8	6.8	13.3	19.5	22.0
1993	1.7	3.3	4.0	3.9	5.3	7.0	7.5	13.7	16.3	33.6
1992	1.8	3.8	3.7	4.2	6.2	7.3	11.8	16.4	18.5	*
1991	1.9	3.5	4.9	5.0	6.5	5.8	8.7	10.6	22.9	29.4
1990	2.0	4.1	*	4.6	6.1	7.2	9.4	19.7	22.6	33.2
1989	2.4	5.1	4.1	7.7	4.7	9.5	10.8	18.0	21.5	37.0
1988	2.0	4.6	4.6	4.7	5.7	9.0	11.9	13.7	19.7	38.0
1987	1.9	3.9	3.2	4.7	6.3	6.7	10.7	17.7	21.4	28.6
1986	2.2	3.0	7.0	4.1	6.4	8.8	8.2	17.1	25.9	28.0
1985	2.0	3.6	4.7	6.7	6.3	7.5	9.3	11.2	26.0	39.7
1984	2.1	3.9	6.2	7.4	6.2	9.7	12.2	12.9	23.8	*
1983	2.2	4.6	6.4	6.3	7.2	7.8	13.3	16.2	30.9	39.1
1982	2.3	4.0	4.9	9.5	8.4	7.9	13.5	19.4	22.3	32.8
1981	2.7	4.8	4.9	7.6	8.6	14.6	15.9	18.3	33.0	34.4
1980	2.6	5.1	8.3	7.6	9.4	11.7	17.1	16.2	36.7	34.6
1979	2.7	4.8	7.7	8.9	11.0	10.3	14.0	19.6	*	33.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Respiratory tuberculosis (010-012)										
All other, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	8.2
1995	0.5	*	*	*	*	*	*	*	*	9.8
1994	0.6	*	*	*	*	*	*	*	*	11.2
1993	0.7	*	*	*	*	3.3	4.2	*	*	9.8
1992	0.8	*	*	*	*	*	*	*	*	12.8
1991	0.9	*	*	*	2.9	*	*	*	*	10.4
1990	0.8	*	*	*	*	3.2	*	*	*	*
1989	0.8	*	*	*	*	*	4.3	*	*	*
1988	0.8	*	*	*	*	*	*	*	9.8	15.4
1987	0.8	*	*	*	*	*	4.7	*	*	12.3
1986	0.9	*	*	*	*	*	*	*	*	16.0
1985	0.8	*	*	*	*	*	*	*	11.7	*
1984	0.9	*	*	*	*	*	*	*	*	*
1983	0.7	*	*	*	*	*	*	*	*	*
1982	0.8	*	*	*	*	4.4	*	7.0	*	17.3
1981	0.9	*	2.7	2.9	*	*	*	*	*	*
1980	1.1	*	*	3.0	*	*	7.9	*	*	*
1979	1.0	*	2.9	3.2	*	*	*	*	*	*
Respiratory tuberculosis (010-012)										
Black, both sexes										
1998	0.7	1.3	*	*	2.2	2.2	4.1	3.8	6.5	10.5
1997	0.7	1.1	1.5	*	2.1	2.4	3.7	4.6	7.4	7.5
1996	0.8	1.1	1.7	*	3.0	2.2	3.3	5.7	7.3	10.8
1995	0.9	1.9	1.8	*	2.1	4.4	3.9	4.1	7.0	12.9
1994	1.1	1.7	2.0	2.1	3.5	3.2	4.6	7.6	8.7	12.3
1993	1.3	2.3	2.7	2.9	3.3	5.3	5.1	6.5	6.4	15.5
1992	1.4	2.4	2.3	2.9	4.3	4.9	7.0	7.5	10.9	14.1
1991	1.5	2.8	3.5	3.1	5.1	3.7	5.9	5.3	9.1	11.8
1990	1.6	2.9	1.7	3.6	3.7	5.0	6.1	9.9	11.4	17.1
1989	1.8	3.5	3.4	4.2	2.8	6.2	7.1	8.8	11.7	20.0
1988	1.5	3.3	2.9	2.6	3.2	5.5	6.5	6.6	11.8	19.6
1987	1.5	2.8	2.0	2.7	3.8	4.9	6.4	9.9	10.3	16.3
1986	1.7	2.3	4.2	2.6	4.6	6.4	5.8	9.1	13.7	18.9
1985	1.5	2.5	3.4	4.2	4.2	5.1	5.8	8.1	15.1	17.9
1984	1.6	2.8	4.0	4.6	4.4	6.5	7.4	7.6	14.8	12.6
1983	1.5	3.3	4.1	3.2	4.7	4.3	7.6	8.5	14.1	19.6
1982	1.6	2.2	2.9	5.2	5.5	6.1	7.6	10.7	10.6	22.7
1981	1.9	3.5	4.1	5.6	5.3	7.6	8.6	10.2	18.7	18.5
1980	1.9	3.5	5.4	5.4	5.7	6.9	11.9	10.1	19.5	18.2
1979	1.9	3.5	5.7	6.4	6.0	5.6	8.0	11.1	12.4	17.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Respiratory tuberculosis (010-012)										
Black, male										
1998	1.0	2.0	*	*	*	*	7.0	*	*	26.3
1997	1.0	*	*	*	*	*	7.1	*	*	*
1996	1.1	*	*	*	5.0	*	*	*	18.5	*
1995	1.4	3.2	3.3	*	*	7.8	7.3	*	*	*
1994	1.6	2.7	3.9	4.0	6.0	5.3	7.3	13.5	18.8	*
1993	1.9	4.3	5.4	4.8	6.0	7.5	7.7	12.7	*	32.7
1992	2.1	5.1	4.7	4.9	7.5	8.2	12.6	16.6	20.6	*
1991	2.2	4.7	6.6	5.6	8.2	6.3	8.4	*	*	*
1990	2.4	5.1	*	5.9	6.9	6.9	9.1	20.1	22.4	34.7
1989	2.7	6.3	5.5	8.9	*	10.6	10.7	15.2	20.6	40.9
1988	2.3	5.7	5.3	4.9	6.2	10.2	13.2	12.4	*	30.8
1987	2.2	5.0	*	5.3	7.7	7.5	11.2	17.7	*	*
1986	2.5	3.8	8.8	4.4	6.7	10.5	8.5	15.1	23.3	*
1985	2.3	4.8	6.0	8.0	7.0	8.6	8.5	11.8	24.1	40.3
1984	2.5	4.7	7.6	8.4	6.9	10.7	13.1	13.2	23.8	*
1983	2.5	5.9	7.3	6.3	7.9	8.1	12.7	17.6	30.5	36.7
1982	2.5	4.3	5.5	10.7	9.8	8.1	14.5	18.0	*	*
1981	2.9	5.9	5.5	8.3	9.2	15.3	17.2	18.4	32.5	*
1980	3.0	6.2	9.9	8.8	10.6	12.6	18.3	14.4	40.0	*
1979	2.9	5.7	8.8	10.1	12.1	10.7	13.7	19.3	*	*
Respiratory tuberculosis (010-012)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	*
1993	0.7	*	*	*	*	*	*	*	*	*
1992	0.8	*	*	*	*	*	*	*	*	12.4
1991	0.9	*	*	*	*	*	*	*	*	*
1990	0.9	*	*	*	*	*	*	*	*	*
1989	0.9	*	*	*	*	*	*	*	*	*
1988	0.9	*	*	*	*	*	*	*	*	14.8
1987	0.8	*	*	*	*	*	*	*	*	*
1986	0.9	*	*	*	*	*	*	*	*	14.5
1985	0.8	*	*	*	*	*	*	*	*	*
1984	0.9	*	*	*	*	*	*	*	*	*
1983	0.7	*	*	*	*	*	*	*	*	*
1982	0.8	*	*	*	*	4.6	*	*	*	17.8
1981	1.0	*	*	3.4	*	*	*	*	*	*
1980	1.0	*	*	*	*	*	7.3	*	*	*
1979	1.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other tuberculosis (013-018)										
All races, both sexes										
1998	0.1	*	0.1	0.2	0.2	0.3	0.4	0.4	0.7	0.8
1997	0.1	0.1	*	0.2	0.2	0.3	0.4	0.5	0.8	0.6
1996	0.1	0.1	*	*	0.3	0.2	0.5	0.4	0.8	0.8
1995	0.1	0.1	0.1	*	*	0.3	0.4	0.5	0.8	0.7
1994	0.1	0.1	0.2	0.3	0.2	0.4	0.5	0.4	0.7	0.8
1993	0.1	*	0.2	0.2	0.2	0.3	0.3	0.8	1.0	0.7
1992	0.2	0.1	*	0.2	0.2	0.4	0.5	0.6	0.6	1.3
1991	0.2	*	*	0.3	0.2	0.4	0.4	0.8	1.0	1.2
1990	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.6	0.9	1.2
1989	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.9	1.0	1.1
1988	0.2	*	0.2	0.3	0.3	0.4	0.6	1.0	0.8	1.4
1987	0.1	0.2	*	0.2	0.2	0.3	0.5	0.7	0.9	1.0
1986	0.2	*	0.2	0.2	0.3	0.4	0.5	0.7	1.0	1.1
1985	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.9	1.0	1.1
1984	0.2	*	0.2	0.2	0.3	0.4	0.7	0.7	1.3	1.1
1983	0.2	0.2	*	0.3	0.2	0.3	0.7	0.8	1.1	1.4
1982	0.1	*	0.2	0.3	0.3	0.3	0.6	0.9	1.1	1.4
1981	0.2	0.2	0.2	0.2	0.3	0.3	0.7	0.7	1.3	1.4
1980	0.2	*	0.2	0.2	0.3	0.5	0.7	0.7	1.1	1.3
1979	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.7	1.3	1.8
Other tuberculosis (013-018)										
All races, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	0.5	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	0.5	*	*	*	*
1993	0.1	*	*	*	*	*	*	0.8	*	*
1992	0.2	*	*	*	*	0.4	0.5	0.8	*	*
1991	0.2	*	*	0.5	*	*	*	1.0	*	*
1990	0.2	*	0.4	0.5	0.4	0.5	0.6	*	*	*
1989	0.2	*	*	*	*	0.5	0.8	1.0	*	*
1988	0.2	*	*	*	*	*	0.8	1.3	*	2.6
1987	0.2	*	*	*	*	*	*	0.9	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	0.5	*	1.0	*	*
1984	0.2	*	*	0.4	*	*	0.7	*	*	*
1983	0.2	*	*	0.4	*	0.5	0.9	*	*	*
1982	0.2	*	*	*	*	*	0.8	1.4	2.0	*
1981	0.2	*	*	*	0.4	*	0.7	1.1	*	*
1980	0.2	*	*	*	*	0.6	1.1	*	*	*
1979	0.2	*	*	*	*	0.6	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other tuberculosis (013-018)										
All races, female										
1998	0.1	*	*	*	*	*	*	*	0.7	0.7
1997	0.1	*	*	*	*	*	0.4	0.6	0.9	*
1996	0.1	*	*	*	*	*	0.4	*	*	0.8
1995	0.1	*	*	*	*	*	0.4	*	0.8	*
1994	0.1	*	*	*	*	*	0.5	*	*	*
1993	0.1	*	*	*	*	*	*	0.8	0.9	*
1992	0.1	*	*	*	*	0.4	*	*	*	1.1
1991	0.2	*	*	*	*	0.5	*	0.7	0.9	1.0
1990	0.2	*	*	*	*	*	*	*	*	1.0
1989	0.2	*	*	*	*	*	*	0.8	0.8	*
1988	0.2	*	*	*	*	0.4	*	0.8	*	1.0
1987	0.1	*	*	*	*	*	0.4	*	0.8	*
1986	0.1	*	*	*	*	*	*	0.7	*	*
1985	0.1	*	*	*	*	*	0.6	0.7	*	*
1984	0.1	*	*	*	*	*	0.7	0.6	1.3	*
1983	0.1	*	*	*	*	*	0.5	0.8	*	1.1
1982	0.1	*	*	*	*	*	*	*	*	1.3
1981	0.1	*	*	*	*	*	0.6	*	1.2	*
1980	0.1	*	*	*	*	*	*	0.7	1.2	*
1979	0.2	*	*	*	*	*	*	*	1.2	1.6
Other tuberculosis (013-018)										
White, both sexes										
1998	0.1	*	*	*	*	*	0.3	0.3	0.6	0.6
1997	0.1	*	*	*	*	*	*	0.4	0.6	*
1996	0.1	*	*	*	*	*	0.4	*	0.6	0.7
1995	0.1	*	*	*	*	*	*	*	0.5	*
1994	0.1	*	*	*	*	*	0.3	0.4	0.6	0.6
1993	0.1	*	*	*	*	*	0.3	0.6	0.8	*
1992	0.1	*	*	*	*	0.3	0.3	0.4	*	1.1
1991	0.1	*	*	*	*	0.3	0.3	0.6	0.8	0.9
1990	0.1	*	*	*	0.2	0.3	0.4	0.4	0.6	0.8
1989	0.1	*	*	*	0.2	0.2	0.3	0.6	0.8	0.8
1988	0.1	*	*	*	*	0.2	0.4	0.6	*	1.1
1987	0.1	*	*	*	*	0.2	0.3	0.5	*	0.9
1986	0.1	*	*	*	*	*	0.3	0.6	0.8	1.0
1985	0.1	*	*	*	0.2	0.3	0.4	0.7	1.0	*
1984	0.1	*	*	*	*	0.3	0.5	0.5	1.2	*
1983	0.1	*	*	*	*	*	0.4	0.6	0.9	1.0
1982	0.1	*	*	*	*	*	0.3	0.7	0.9	1.0
1981	0.1	*	*	*	*	*	0.5	0.5	1.1	1.1
1980	0.1	*	*	*	*	0.3	0.5	0.6	*	1.2
1979	0.1	*	*	*	*	0.3	0.4	0.5	1.1	1.5

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other tuberculosis (013-018)										
White, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	0.7	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	1.1	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Other tuberculosis (013-018)										
White, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	0.8
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	0.6	0.8	*
1992	0.1	*	*	*	*	*	*	*	*	0.9
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	0.7	*	*
1984	0.1	*	*	*	*	*	*	*	1.2	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other tuberculosis (013-018)										
All other, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	1.6	*	1.8	*	*	*	*
1993	0.4	*	*	*	*	*	*	3.3	*	*
1992	0.4	*	*	*	*	1.8	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	1.6	*	*	*	*	*	*
1989	0.5	*	*	*	*	1.9	2.6	4.0	*	*
1988	0.6	*	*	*	*	*	*	4.1	*	*
1987	0.5	*	*	*	*	*	*	*	6.5	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	1.6	*	*	3.2	*	*	*
1982	0.5	*	*	*	*	*	3.0	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	3.4	*	*	*
1979	0.5	*	*	*	*	2.4	*	*	*	*
Other tuberculosis (013-018)										
All other, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.6	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other tuberculosis (013-018)										
All other, female										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*
Other tuberculosis (013-018)										
Black, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	1.8	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.6	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	4.4	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.6	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	3.5	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other tuberculosis (013-018)										
Black, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.7	*	*	*	*	*	*	*	*	*
1988	0.7	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.7	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Other tuberculosis (013-018)										
Black, female										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Whooping cough (033)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Whooping cough (033)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Whooping cough (033)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Whooping cough (033)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Whooping cough (033)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Whooping cough (033)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Whooping cough (033)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Scarlet fever and erysipelas (034.1-035)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (034.1-035)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Scarlet fever and erysipelas (034.1-035)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (034.1-035)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Scarlet fever and erysipelas (034.1-035)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (034.1-035)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Scarlet fever and erysipelas (034.1-035)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (034.1-035)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Scarlet fever and erysipelas (034.1-035)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (034.1-035)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Scarlet fever and erysipelas (034.1-035)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (034.1-035)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningococcal infection (036)										
All races, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	0.2	*	*	*	*	*	*
Meningococcal infection (036)										
All races, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningococcal infection (036)										
All races, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)										
White, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningococcal infection (036)										
White, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)										
White, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningococcal infection (036)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)										
All other, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningococcal infection (036)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)										
Black, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningococcal infection (036)										
Black, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Meningococcal infection (036)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Septicemia (038)										
All races, both sexes										
1998	8.6	2.7	4.4	7.1	11.5	18.8	29.8	47.9	82.9	176.2
1997	8.2	2.9	4.2	6.6	10.4	17.1	28.2	46.4	79.2	176.0
1996	8.0	2.5	4.0	6.0	10.6	16.5	27.3	46.2	77.7	171.2
1995	7.9	2.7	3.6	6.0	10.5	15.6	27.3	45.9	78.7	170.6
1994	7.7	2.5	3.7	6.1	10.0	15.6	26.0	44.8	78.7	173.7
1993	7.9	2.4	3.5	6.0	9.4	16.4	27.1	46.1	81.8	184.6
1992	7.7	2.6	3.7	5.7	9.8	16.0	27.0	44.7	79.9	175.3
1991	7.8	2.3	3.8	6.1	9.7	15.8	26.6	47.0	82.9	181.6
1990	7.7	2.4	3.9	6.0	10.0	15.7	27.5	46.6	81.4	183.7
1989	7.8	2.6	3.8	5.9	10.0	15.5	26.8	47.7	84.7	190.4
1988	8.6	2.5	4.1	6.6	11.6	18.6	31.5	53.0	97.2	203.2
1987	8.2	2.2	4.5	6.8	11.7	19.0	31.5	51.4	89.3	191.8
1986	7.8	2.5	4.1	6.9	11.2	18.0	28.9	50.2	86.7	184.1
1985	7.2	2.2	3.8	6.7	11.1	17.0	27.5	47.8	82.7	162.0
1984	6.4	2.3	3.6	5.9	10.3	14.9	26.0	39.4	70.9	143.7
1983	5.7	1.9	3.5	5.7	9.6	14.0	22.7	38.4	63.7	126.9
1982	5.0	1.8	3.2	5.4	8.3	12.1	20.5	32.5	55.9	106.9
1981	4.6	2.1	2.9	5.0	7.8	11.7	17.8	29.1	52.1	95.4
1980	4.2	1.6	3.0	4.9	6.8	10.9	17.3	26.8	49.6	87.8
1979	3.6	1.6	2.8	3.9	6.1	9.8	15.7	24.1	38.9	70.3
Septicemia (038)										
All races, male										
1998	7.6	3.2	4.9	8.0	12.6	20.5	34.1	55.8	94.2	187.4
1997	7.2	3.3	4.7	6.6	11.9	19.7	33.8	56.0	88.4	186.1
1996	7.0	3.2	4.6	7.0	12.3	19.0	31.2	53.3	89.6	176.2
1995	6.9	3.1	4.0	7.1	12.0	17.8	31.4	53.0	90.9	180.5
1994	6.9	3.1	4.5	6.9	11.6	18.6	31.0	53.0	88.2	183.7
1993	7.0	3.0	4.0	6.9	10.3	19.5	31.8	55.5	100.0	191.2
1992	6.8	3.1	4.5	6.2	11.2	19.0	32.3	53.8	90.4	187.0
1991	7.0	2.7	4.7	6.8	11.7	19.2	31.3	57.4	93.4	197.3
1990	7.0	2.8	4.6	6.8	11.9	19.5	34.1	56.4	96.8	195.1
1989	7.1	3.1	4.6	6.7	12.0	18.8	33.2	56.8	98.9	201.9
1988	7.7	3.0	4.6	7.4	13.8	21.8	39.4	64.6	112.1	211.7
1987	7.6	2.5	4.9	8.0	13.9	23.0	40.1	62.2	104.7	214.9
1986	7.5	3.0	5.0	8.3	14.2	22.4	36.8	64.2	108.4	213.2
1985	6.9	2.7	4.4	8.0	14.0	20.6	37.3	59.0	100.0	183.4
1984	6.2	2.6	4.2	7.2	12.7	18.8	32.4	49.8	84.3	174.3
1983	5.6	2.2	4.2	7.1	12.0	18.2	27.9	49.2	80.5	148.0
1982	4.9	1.9	3.8	6.4	10.7	14.4	26.0	39.3	69.4	134.4
1981	4.5	2.6	3.5	6.2	9.4	14.5	21.9	35.8	65.3	119.3
1980	4.3	1.8	3.6	6.1	8.9	13.8	23.3	33.4	62.5	106.8
1979	3.6	2.0	3.3	4.3	7.5	12.2	19.4	31.0	51.5	89.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Septicemia (038)										
All races, female										
1998	9.6	2.3	3.9	6.3	10.5	17.3	26.6	42.4	76.4	171.8
1997	9.2	2.5	3.7	6.7	9.1	14.9	23.9	39.8	73.9	172.1
1996	8.9	1.9	3.4	5.0	9.1	14.3	24.3	41.4	71.0	169.3
1995	8.8	2.3	3.2	5.0	9.2	13.8	24.2	41.1	72.0	166.8
1994	8.6	2.0	2.9	5.3	8.6	13.2	22.2	39.3	73.5	169.8
1993	8.8	1.9	3.1	5.1	8.6	13.9	23.6	39.8	72.0	182.1
1992	8.5	2.1	2.9	5.3	8.6	13.6	23.0	38.7	74.3	170.8
1991	8.6	1.9	2.9	5.4	8.0	13.1	23.1	40.2	77.3	175.7
1990	8.3	2.0	3.2	5.3	8.3	12.7	22.6	40.3	73.2	179.3
1989	8.6	2.2	3.1	5.2	8.3	12.9	22.0	41.9	77.2	185.9
1988	9.4	2.1	3.6	5.8	9.6	15.9	25.7	45.6	89.3	199.9
1987	8.8	1.8	4.1	5.6	9.8	15.7	25.3	44.6	81.2	182.7
1986	8.1	2.1	3.3	5.5	8.7	14.5	23.1	41.5	75.3	172.6
1985	7.5	1.7	3.2	5.5	8.6	14.0	20.4	40.7	73.7	153.5
1984	6.6	2.1	3.1	4.8	8.3	11.8	21.5	32.9	63.9	131.4
1983	5.8	1.7	2.8	4.5	7.4	10.7	18.9	31.7	54.8	118.3
1982	5.1	1.6	2.6	4.5	6.3	10.1	16.6	28.2	48.8	95.5
1981	4.6	1.7	2.3	3.9	6.3	9.4	14.8	24.8	45.1	85.2
1980	4.1	1.3	2.5	3.9	5.1	8.7	12.9	22.7	42.7	79.5
1979	3.5	1.2	2.3	3.5	4.9	8.0	13.1	19.7	32.1	61.7
Septicemia (038)										
White, both sexes										
1998	8.3	2.0	3.5	5.6	9.4	16.4	26.8	43.4	76.6	165.9
1997	7.9	2.2	3.3	5.2	8.5	14.8	24.7	42.2	74.4	165.7
1996	7.7	1.8	3.1	4.5	8.9	14.6	24.1	42.5	73.0	161.7
1995	7.6	2.0	2.9	4.7	8.9	13.7	24.0	41.9	73.7	161.6
1994	7.5	1.9	2.9	5.3	8.2	13.8	23.0	41.6	72.6	166.0
1993	7.7	1.8	2.8	5.0	7.9	14.3	24.8	42.4	75.2	176.0
1992	7.4	2.0	2.8	4.5	8.3	13.6	24.1	41.0	74.4	167.1
1991	7.5	1.7	2.9	4.9	8.4	13.7	23.7	43.2	77.6	174.0
1990	7.4	1.7	3.0	4.8	8.5	13.7	24.4	42.9	75.6	175.6
1989	7.5	1.9	2.8	4.8	8.4	13.3	24.0	43.6	79.5	181.1
1988	8.2	1.8	3.1	5.3	9.7	15.9	28.5	48.4	91.3	194.2
1987	7.8	1.5	3.3	5.6	9.8	16.3	28.4	47.3	82.3	180.0
1986	7.5	1.9	3.0	5.6	9.2	16.1	26.1	46.0	80.7	174.6
1985	6.8	1.5	3.0	5.5	9.3	14.6	24.7	43.1	75.2	153.9
1984	6.0	1.6	2.8	4.8	8.8	13.0	22.7	36.0	64.8	136.2
1983	5.4	1.3	2.7	4.7	7.9	12.1	19.6	35.3	58.5	121.1
1982	4.6	1.3	2.5	4.2	7.1	10.8	18.1	29.5	52.0	101.3
1981	4.2	1.6	2.3	4.1	6.6	10.3	15.5	27.0	48.6	88.7
1980	3.8	1.2	2.3	3.9	5.9	9.1	15.2	24.1	46.0	82.7
1979	3.3	1.3	2.0	3.2	5.1	8.5	13.8	21.5	36.7	66.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Septicemia (038)										
White, male										
1998	7.3	2.4	3.8	6.2	10.3	18.3	31.2	50.7	87.7	177.3
1997	6.9	2.5	3.5	5.2	9.9	16.8	29.8	51.5	83.1	176.0
1996	6.6	2.2	3.5	5.2	10.1	16.7	27.6	49.9	82.8	167.6
1995	6.5	2.2	3.2	5.4	10.1	15.7	27.3	48.3	85.6	168.6
1994	6.5	2.2	3.5	6.2	9.3	16.3	27.5	48.6	82.4	178.4
1993	6.7	2.1	3.1	5.5	8.8	17.2	29.1	51.0	93.1	178.1
1992	6.4	2.4	3.3	4.9	9.5	16.4	28.9	49.9	83.0	177.9
1991	6.6	1.8	3.6	5.3	10.0	16.7	27.4	53.1	87.3	190.8
1990	6.6	1.9	3.4	5.4	10.3	17.3	30.6	52.3	89.8	188.3
1989	6.6	2.3	3.4	5.2	10.2	16.1	29.9	53.2	93.0	190.9
1988	7.2	2.1	3.3	5.9	11.4	18.5	35.7	59.9	105.0	203.1
1987	7.1	1.7	3.6	6.5	11.9	19.9	36.1	57.9	97.8	202.4
1986	7.0	2.2	3.6	6.5	11.8	20.0	32.7	58.5	102.6	202.3
1985	6.4	1.8	3.4	6.2	11.6	18.0	34.1	52.7	90.7	175.9
1984	5.7	1.8	3.3	5.9	11.3	16.7	28.4	45.7	78.0	164.6
1983	5.3	1.5	3.3	6.2	10.1	16.0	25.0	45.0	74.1	141.8
1982	4.5	1.3	3.1	5.2	9.1	13.2	23.0	36.2	65.4	127.2
1981	4.2	1.9	2.9	5.2	8.0	13.2	19.2	33.4	62.6	109.7
1980	3.9	1.4	2.8	4.8	7.7	11.4	21.0	30.0	59.2	99.9
1979	3.3	1.6	2.5	3.4	6.1	10.6	16.8	28.2	48.6	86.1
Septicemia (038)										
White, female										
1998	9.3	1.6	3.2	5.1	8.5	14.7	23.3	38.3	70.1	161.3
1997	8.9	1.8	3.1	5.1	7.2	13.1	20.6	35.8	69.4	161.7
1996	8.7	1.5	2.7	3.9	7.8	12.9	21.4	37.4	67.4	159.4
1995	8.7	1.7	2.6	4.1	7.7	12.0	21.5	37.5	67.1	159.0
1994	8.5	1.5	2.4	4.5	7.2	11.7	19.6	36.8	67.2	161.4
1993	8.7	1.5	2.6	4.4	7.1	11.8	21.5	36.6	65.4	175.1
1992	8.3	1.6	2.4	4.1	7.2	11.2	20.5	35.1	69.8	163.0
1991	8.4	1.6	2.2	4.4	6.9	11.2	20.9	36.6	72.4	167.7
1990	8.1	1.5	2.5	4.3	6.9	10.8	19.9	36.7	68.0	170.8
1989	8.3	1.5	2.2	4.4	6.8	11.1	19.7	37.5	72.4	177.5
1988	9.2	1.5	2.9	4.7	8.1	13.8	23.1	41.1	84.2	190.8
1987	8.4	1.3	3.1	4.7	8.0	13.3	22.7	40.6	74.2	171.4
1986	7.9	1.6	2.4	4.6	6.9	12.8	21.2	38.1	69.3	163.8
1985	7.2	1.2	2.6	4.7	7.2	11.8	17.7	37.0	67.0	145.3
1984	6.2	1.5	2.3	3.8	6.6	9.9	18.6	29.9	58.0	124.9
1983	5.5	1.1	2.2	3.4	5.9	9.0	15.7	29.3	50.3	112.8
1982	4.8	1.3	2.0	3.3	5.4	9.0	14.5	25.4	44.9	90.7
1981	4.3	1.3	1.8	3.2	5.3	8.0	12.9	23.1	41.2	80.0
1980	3.8	1.0	1.8	3.0	4.3	7.2	11.0	20.4	39.1	75.3
1979	3.3	1.0	1.6	2.9	4.2	6.8	11.7	17.4	30.4	58.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Septicemia (038)										
All other, both sexes										
1998	9.9	6.6	9.5	16.2	24.4	35.6	54.7	88.0	146.3	277.7
1997	9.5	6.6	9.4	15.3	22.6	33.3	57.6	84.3	127.3	278.3
1996	9.1	6.5	9.5	14.8	21.6	29.6	54.1	80.5	125.9	265.8
1995	9.1	6.9	7.5	13.9	21.5	29.6	56.0	83.3	129.2	261.1
1994	8.7	6.2	8.4	11.1	22.1	29.0	52.2	75.5	139.8	251.6
1993	9.0	6.3	7.9	12.5	19.4	33.3	47.7	81.5	149.6	273.1
1992	9.1	6.5	8.9	13.9	20.6	35.5	53.2	79.1	137.3	260.3
1991	9.2	5.9	9.1	14.0	19.9	33.3	52.7	83.7	138.2	262.0
1990	9.3	6.5	9.6	14.0	21.2	32.1	55.3	81.8	141.8	269.9
1989	9.6	6.9	10.4	13.5	22.6	34.1	51.9	86.1	139.5	288.3
1988	10.4	6.9	10.7	15.7	26.6	41.1	59.5	96.6	159.4	298.4
1987	10.6	6.3	12.2	15.3	26.5	42.3	60.4	90.6	164.6	318.3
1986	9.9	6.3	11.5	16.6	28.2	35.2	54.9	91.0	151.5	288.3
1985	9.6	6.4	9.2	16.4	26.9	37.6	54.0	92.9	165.5	251.1
1984	8.7	6.8	9.5	14.9	23.4	32.2	56.8	72.7	138.1	226.7
1983	7.8	6.1	8.8	13.8	24.1	30.8	51.3	68.6	121.4	191.3
1982	6.8	5.0	7.9	15.3	19.1	22.7	43.4	60.9	100.4	169.5
1981	6.5	5.7	6.8	11.8	18.3	24.0	38.9	48.8	92.9	171.1
1980	6.2	4.1	9.1	13.9	15.6	27.4	37.4	53.8	91.6	146.6
1979	5.3	3.6	8.5	10.1	15.0	21.7	34.0	48.9	64.7	110.9
Septicemia (038)										
All other, male										
1998	9.0	7.8	11.4	19.7	27.4	37.2	59.5	103.2	163.4	282.1
1997	8.8	7.9	11.8	15.3	25.4	42.3	69.1	99.5	144.8	280.1
1996	8.9	9.0	11.9	18.9	28.0	36.8	63.5	85.7	161.6	256.1
1995	8.9	8.7	9.2	18.6	25.6	34.7	69.3	100.0	146.0	290.9
1994	8.4	8.2	11.0	11.9	28.0	36.4	63.8	97.0	146.7	233.5
1993	8.8	8.6	10.0	16.5	21.2	38.3	57.1	101.4	169.8	313.0
1992	8.8	8.3	12.7	15.7	23.9	40.9	65.0	92.5	166.2	271.0
1991	9.1	8.1	11.7	17.6	25.0	40.6	68.7	99.4	155.4	258.4
1990	9.2	8.4	12.6	17.2	25.1	38.7	68.2	96.1	166.6	258.0
1989	9.4	7.9	12.8	17.7	27.2	43.0	65.2	91.4	157.9	303.7
1988	10.2	8.9	13.7	19.1	33.8	51.6	75.6	109.6	182.9	291.1
1987	10.5	8.0	14.5	19.2	31.1	51.4	78.2	103.3	174.1	332.5
1986	10.4	8.1	14.8	22.6	35.7	44.5	75.7	117.6	167.6	316.0
1985	9.9	8.6	11.7	22.7	35.6	44.5	67.7	117.5	194.2	254.8
1984	8.8	8.2	11.1	17.7	25.3	38.1	69.9	88.1	148.5	265.3
1983	7.9	7.2	10.9	14.8	29.2	38.6	55.6	88.8	146.4	207.2
1982	7.0	6.1	9.2	17.2	25.1	26.1	54.0	68.1	110.6	204.5
1981	6.7	7.4	8.2	14.7	22.5	27.1	47.3	58.1	93.4	214.1
1980	6.7	5.4	10.6	17.6	19.8	35.3	45.1	65.9	97.4	177.7
1979	5.8	4.8	9.9	12.3	20.7	25.8	43.9	56.0	82.6	127.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Septicemia (038)										
All other, female										
1998	10.8	5.6	7.8	13.2	21.9	34.3	51.5	78.3	137.3	275.9
1997	10.1	5.5	7.4	15.3	20.4	26.6	49.7	74.6	118.0	277.5
1996	9.4	4.4	7.5	11.4	16.5	24.2	47.7	77.2	106.9	269.9
1995	9.3	5.3	6.1	10.0	18.3	25.9	46.9	72.9	120.2	248.4
1994	9.0	4.5	6.2	10.4	17.5	23.4	44.2	62.3	136.1	259.4
1993	9.2	4.3	6.1	9.2	17.9	29.7	41.2	69.3	138.7	255.9
1992	9.4	4.9	5.6	12.5	18.0	31.4	45.0	70.9	121.4	255.6
1991	9.3	4.0	7.0	11.1	16.0	28.0	41.7	73.9	128.6	263.6
1990	9.4	4.9	7.0	11.4	18.2	27.2	46.5	72.9	127.8	275.3
1989	9.8	6.0	8.3	10.1	19.0	27.4	42.9	82.8	129.7	279.5
1988	10.6	5.3	8.2	12.9	21.0	33.2	48.6	88.2	145.1	301.8
1987	10.7	4.8	10.2	12.2	22.9	35.5	48.3	82.4	159.2	311.7
1986	9.4	4.8	8.6	11.7	22.4	28.3	40.6	74.1	142.3	275.0
1985	9.3	4.5	7.2	11.2	20.2	32.4	44.4	76.8	148.9	249.3
1984	8.6	5.6	8.1	12.6	21.9	27.7	47.7	62.5	132.0	207.6
1983	7.8	5.0	7.1	13.0	20.1	24.9	48.3	55.1	106.7	183.5
1982	6.7	4.1	6.9	13.8	14.4	20.2	35.7	56.1	94.9	151.9
1981	6.3	4.3	5.7	9.5	15.0	21.7	32.6	42.5	92.7	148.0
1980	5.8	3.0	7.8	10.8	12.2	21.4	31.7	45.6	88.0	130.6
1979	4.9	2.6	7.5	8.2	10.4	18.6	26.4	43.4	53.6	103.5
Septicemia (038)										
Black, both sexes										
1998	12.6	8.8	12.5	20.6	31.2	45.3	66.6	107.1	171.8	315.4
1997	12.1	8.6	12.9	19.4	28.4	42.1	71.4	100.0	152.0	314.2
1996	11.6	8.6	12.6	18.7	27.1	36.6	67.2	95.7	148.1	300.1
1995	11.4	8.8	9.6	17.9	26.4	35.7	67.9	98.7	144.2	290.3
1994	10.9	8.1	10.5	13.7	28.0	34.6	62.1	88.4	158.8	283.8
1993	11.1	8.0	9.7	15.2	23.5	40.0	57.0	92.4	168.7	301.0
1992	11.3	8.2	11.3	16.9	24.4	42.7	60.7	91.6	155.3	287.4
1991	11.3	7.5	11.5	17.3	24.3	39.5	62.3	92.4	152.4	283.2
1990	11.4	8.2	11.6	16.5	25.4	38.2	64.7	93.5	157.1	292.0
1989	11.8	8.6	13.0	16.0	27.2	40.4	60.8	96.5	156.7	312.7
1988	12.6	8.9	12.7	19.0	32.2	47.2	69.0	107.8	174.6	322.4
1987	12.8	7.8	14.2	18.4	31.2	49.9	68.5	100.9	180.6	346.2
1986	11.8	7.3	14.1	19.1	34.0	40.1	61.6	101.8	164.3	305.5
1985	11.4	7.3	11.1	19.2	30.9	42.4	60.5	105.0	177.6	273.3
1984	10.3	8.3	11.1	17.5	27.5	35.9	63.9	82.4	149.6	248.9
1983	9.2	7.0	10.0	16.0	27.5	33.9	57.4	75.2	132.6	204.3
1982	7.9	5.8	9.3	16.8	21.5	25.2	46.5	66.8	110.1	181.3
1981	7.5	6.4	7.9	13.2	20.8	26.6	42.0	53.5	102.9	185.1
1980	7.0	4.6	10.4	15.7	17.1	30.4	40.7	59.5	97.4	159.1
1979	5.9	3.6	9.6	11.1	16.3	23.5	36.7	51.5	70.1	117.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Septicemia (038)										
Black, male										
1998	11.4	10.4	15.3	25.5	35.6	47.8	72.3	128.0	200.2	334.9
1997	11.3	10.5	16.2	19.7	33.2	53.7	87.8	122.5	177.7	329.7
1996	11.3	11.9	16.6	24.2	35.1	44.9	79.4	104.8	197.3	301.3
1995	11.1	11.7	12.3	25.2	31.2	41.3	87.2	121.5	165.2	327.5
1994	10.5	11.1	14.0	14.9	35.4	44.5	78.1	117.0	172.6	274.0
1993	10.8	11.1	12.4	21.1	25.8	46.2	69.6	119.6	193.5	356.8
1992	11.0	11.0	16.7	19.5	28.5	50.3	75.2	112.1	193.4	313.9
1991	11.2	10.4	15.1	22.1	30.1	48.6	82.3	110.9	173.4	289.9
1990	11.3	10.7	15.8	20.0	30.4	46.3	80.6	110.8	194.2	288.2
1989	11.5	10.4	16.6	21.6	33.2	51.3	76.2	102.8	183.5	337.9
1988	12.3	11.8	16.7	23.0	41.1	59.1	89.6	122.0	211.7	312.3
1987	12.7	9.8	17.6	23.4	36.9	61.7	89.2	116.6	198.9	370.3
1986	12.4	9.8	18.1	26.4	43.4	50.1	86.3	133.7	182.2	336.5
1985	11.8	9.7	14.0	27.4	41.2	50.1	77.6	137.1	206.9	282.3
1984	10.4	10.3	12.7	20.6	30.4	42.7	80.8	102.4	160.7	293.4
1983	9.3	8.3	12.7	17.4	33.0	43.0	62.3	98.8	161.0	225.0
1982	8.0	7.6	10.9	19.6	28.2	29.0	59.9	77.0	121.3	220.7
1981	7.7	8.4	9.5	16.5	25.8	30.9	51.5	63.9	105.2	230.4
1980	7.6	6.0	12.4	20.1	22.0	39.4	49.0	75.2	104.0	198.1
1979	6.4	4.6	11.0	14.2	22.3	28.4	48.2	58.4	88.3	138.5
Septicemia (038)										
Black, female										
1998	13.7	7.5	10.0	16.6	27.7	43.4	62.9	94.4	158.0	308.1
1997	12.9	7.0	10.1	19.2	24.7	33.5	60.6	86.5	139.6	308.3
1996	11.9	5.8	9.3	14.3	20.9	30.5	59.2	90.3	124.2	299.6
1995	11.6	6.4	7.4	12.1	22.6	31.4	55.2	85.1	134.0	275.9
1994	11.3	5.6	7.5	12.7	22.2	27.3	51.7	71.6	152.1	287.6
1993	11.4	5.5	7.5	10.4	21.7	35.4	48.6	76.7	156.2	279.0
1992	11.5	5.8	6.9	14.9	21.3	37.2	51.1	79.7	135.9	276.7
1991	11.4	5.1	8.5	13.5	19.9	32.9	49.0	81.6	141.7	280.5
1990	11.5	6.1	8.2	13.8	21.7	32.3	54.3	83.3	137.9	293.5
1989	12.0	7.1	10.0	11.6	22.6	32.5	50.8	92.7	142.7	303.9
1988	12.8	6.5	9.4	15.8	25.5	38.6	55.3	99.3	155.1	326.8
1987	12.9	6.1	11.4	14.3	26.7	41.4	54.8	91.3	170.8	335.4
1986	11.3	5.3	10.7	13.1	26.8	32.7	45.2	82.2	154.5	291.3
1985	11.0	5.3	8.8	12.6	23.0	36.8	49.2	85.0	161.4	269.2
1984	10.2	6.7	9.8	15.0	25.2	30.9	52.6	69.9	143.4	227.9
1983	9.0	6.0	7.7	14.9	23.2	27.3	54.2	59.8	116.6	194.4
1982	7.7	4.4	8.0	14.6	16.2	22.3	37.2	60.6	103.6	161.9
1981	7.3	4.7	6.5	10.5	16.9	23.5	35.4	46.7	101.5	161.1
1980	6.5	3.5	8.8	12.1	13.1	23.8	34.9	49.4	93.5	139.6
1979	5.5	*	8.4	8.5	11.5	19.9	28.3	46.6	58.9	106.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Syphilis (090-097)										
All races, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	0.3	0.5	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	0.4	0.6	*	*
1980	0.1	*	*	*	*	0.3	0.4	0.7	*	1.0
1979	0.1	*	*	*	0.2	0.3	0.5	0.6	*	1.1
Syphilis (090-097)										
All races, male										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	1.2	*	*
1979	0.1	*	*	*	*	*	0.9	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Syphilis (090-097)										
All races, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Syphilis (090-097)										
White, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	0.3	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Syphilis (090-097)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Syphilis (090-097)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Syphilis (090-097)										
All other, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Syphilis (090-097)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Syphilis (090-097)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Syphilis (090-097)										
Black, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Syphilis (090-097)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Syphilis (090-097)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute poliomyelitis (045)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis (045)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute poliomyelitis (045)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis (045)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute poliomyelitis (045)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis (045)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute poliomyelitis (045)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis (045)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute poliomyelitis (045)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis (045)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute poliomyelitis (045)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis (045)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Arthropod-borne viral encephalitis (062-064)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (062-064)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Arthropod-borne viral encephalitis (062-064)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (062-064)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Arthropod-borne viral encephalitis (062-064)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (062-064)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Arthropod-borne viral encephalitis (062-064)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (062-064)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Arthropod-borne viral encephalitis (062-064)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (062-064)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Arthropod-borne viral encephalitis (062-064)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (062-064)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Measles (055)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Measles (055)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Measles (055)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Measles (055)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Measles (055)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Measles (055)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Measles (055)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Measles (055)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Measles (055)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Measles (055)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Measles (055)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Measles (055)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Viral hepatitis (070)										
All races, both sexes										
1998	1.7	4.2	3.3	3.0	3.5	4.5	4.7	5.7	5.2	3.8
1997	1.5	3.1	2.4	2.9	2.9	3.9	4.8	5.0	5.6	4.1
1996	1.4	2.5	2.3	2.6	2.9	4.0	4.6	5.5	4.7	3.7
1995	1.3	2.1	2.0	2.5	2.9	3.6	4.5	4.8	5.0	3.3
1994	1.2	1.7	1.5	2.0	2.5	3.4	3.9	4.9	4.6	2.9
1993	1.0	1.3	1.5	1.8	2.3	2.7	3.3	4.1	3.5	2.3
1992	0.8	1.0	1.1	1.3	1.8	2.3	2.6	3.4	3.4	2.4
1991	0.7	1.0	1.0	1.5	1.7	2.1	2.8	2.8	2.9	2.1
1990	0.6	0.7	0.8	1.0	1.4	2.0	2.4	2.9	2.9	2.2
1989	0.6	0.7	0.8	1.0	1.3	1.9	2.2	2.3	3.0	2.4
1988	0.5	0.5	0.8	1.0	1.4	1.5	2.0	2.1	2.3	2.0
1987	0.5	0.5	0.6	1.0	0.9	1.2	1.9	2.0	1.9	1.4
1986	0.4	0.4	0.6	0.7	0.8	1.2	1.5	1.7	1.6	1.5
1985	0.4	0.6	0.4	0.6	0.9	1.3	1.4	1.4	1.2	1.2
1984	0.4	0.4	0.5	0.7	0.8	1.0	1.1	1.0	1.2	1.6
1983	0.4	0.4	0.5	0.7	0.8	1.0	1.3	1.2	1.2	1.3
1982	0.4	0.4	0.6	0.7	0.7	1.0	1.0	1.5	1.0	1.5
1981	0.4	0.5	0.6	0.6	0.9	1.0	1.0	1.1	1.4	1.4
1980	0.4	0.5	0.5	0.6	0.7	0.8	1.2	1.5	1.4	1.6
1979	0.3	0.4	0.3	0.6	0.8	0.8	1.0	1.0	1.4	1.4
Viral hepatitis (070)										
All races, male										
1998	2.2	6.4	4.8	3.8	4.2	5.0	4.9	6.3	6.8	6.4
1997	1.8	4.7	3.4	3.8	3.4	4.2	4.9	5.7	6.8	5.6
1996	1.7	3.9	3.2	3.4	3.3	4.3	5.1	6.6	5.4	5.4
1995	1.6	3.3	2.9	3.3	3.6	4.0	5.0	5.2	6.7	4.9
1994	1.5	2.5	2.1	2.6	2.7	4.0	4.7	6.1	6.3	4.7
1993	1.2	2.0	2.2	2.5	2.6	3.2	4.0	5.1	4.9	3.2
1992	1.0	1.5	1.7	1.7	2.3	2.9	3.4	4.4	4.4	3.4
1991	0.9	1.6	1.3	2.0	1.9	2.4	3.7	3.0	4.6	2.8
1990	0.8	1.1	1.2	1.2	1.7	2.4	2.7	3.9	3.5	2.4
1989	0.8	1.0	1.2	1.4	1.8	2.3	2.9	3.0	3.9	2.9
1988	0.6	0.8	1.1	1.2	1.7	2.0	2.8	2.7	3.5	2.7
1987	0.6	0.8	0.9	1.4	1.3	1.6	2.7	2.4	2.6	*
1986	0.5	0.6	0.7	1.1	1.3	1.5	2.2	2.3	2.0	2.7
1985	0.5	0.8	0.6	0.7	1.2	1.7	1.8	1.8	*	*
1984	0.4	0.5	0.7	0.9	1.0	1.2	1.4	1.2	*	*
1983	0.4	0.4	0.7	0.7	1.2	1.4	1.6	1.5	*	*
1982	0.4	0.4	0.7	0.8	0.8	1.2	1.3	2.2	*	*
1981	0.4	0.6	0.7	0.8	1.0	1.0	1.1	1.6	*	*
1980	0.4	0.6	0.4	0.8	0.8	0.7	1.4	2.2	2.0	*
1979	0.4	0.5	0.4	0.7	1.0	1.2	0.9	1.2	2.4	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Viral hepatitis (070)										
All races, female										
1998	1.3	2.0	1.9	2.2	2.9	4.0	4.6	5.3	4.3	2.8
1997	1.2	1.5	1.5	2.0	2.5	3.7	4.7	4.5	4.8	3.5
1996	1.1	1.1	1.4	1.8	2.6	3.8	4.2	4.8	4.3	3.0
1995	1.0	1.0	1.1	1.7	2.3	3.2	4.0	4.5	4.0	2.7
1994	0.9	0.8	1.0	1.5	2.3	2.9	3.3	4.1	3.8	2.3
1993	0.7	0.6	0.8	1.2	2.0	2.3	2.7	3.4	2.8	2.0
1992	0.6	0.5	0.5	0.9	1.3	1.8	2.0	2.7	2.8	2.0
1991	0.5	0.4	0.6	1.1	1.5	1.8	2.1	2.7	2.0	1.8
1990	0.5	0.3	0.5	0.7	1.1	1.7	2.1	2.3	2.7	2.1
1989	0.5	0.4	0.5	0.7	0.8	1.6	1.6	1.8	2.6	2.2
1988	0.4	*	0.6	0.8	1.1	1.1	1.4	1.8	1.7	1.7
1987	0.4	0.3	*	0.7	0.6	0.9	1.3	1.7	1.6	1.0
1986	0.3	*	0.4	0.4	0.5	1.0	1.0	1.3	1.4	*
1985	0.3	0.4	*	0.6	0.6	0.9	1.1	1.1	1.1	1.0
1984	0.3	*	*	0.5	0.7	0.8	0.9	0.8	1.1	1.5
1983	0.3	*	0.4	0.6	0.4	0.7	1.1	1.0	1.1	*
1982	0.3	0.4	0.4	0.7	0.7	0.9	0.8	1.0	*	*
1981	0.3	0.4	0.4	0.4	0.8	0.9	0.9	0.8	1.1	1.4
1980	0.3	0.4	0.5	0.5	0.7	0.8	1.1	1.2	1.0	1.3
1979	0.3	*	*	0.5	0.6	0.6	1.0	1.0	*	1.3
Viral hepatitis (070)										
White, both sexes										
1998	1.7	3.8	3.1	2.5	3.2	4.2	4.5	5.5	5.0	3.8
1997	1.4	2.8	2.2	2.5	2.5	3.5	4.6	4.8	5.6	3.9
1996	1.4	2.3	2.0	2.3	2.7	3.6	4.3	5.5	4.5	3.7
1995	1.3	1.9	1.8	2.2	2.6	3.4	4.5	4.7	5.1	3.2
1994	1.1	1.5	1.4	1.6	2.1	3.1	3.7	4.8	4.6	3.1
1993	0.9	1.1	1.4	1.6	2.1	2.6	3.3	4.0	3.6	2.2
1992	0.8	0.8	1.0	1.1	1.6	2.2	2.5	3.4	3.4	2.4
1991	0.7	0.9	0.8	1.4	1.6	2.0	2.8	2.7	2.9	2.1
1990	0.6	0.6	0.7	0.8	1.3	1.9	2.3	2.9	2.9	2.1
1989	0.6	0.6	0.7	0.9	1.1	1.8	2.1	2.3	3.1	2.4
1988	0.5	0.4	0.7	0.9	1.4	1.5	1.9	2.1	2.4	1.9
1987	0.5	0.4	0.5	1.0	0.8	1.2	1.8	1.8	1.9	1.5
1986	0.4	0.4	0.5	0.7	0.8	1.2	1.4	1.7	1.6	1.4
1985	0.4	0.5	0.3	0.6	0.8	1.2	1.4	1.5	1.2	1.2
1984	0.3	0.3	0.5	0.6	0.8	1.0	1.1	0.9	1.2	1.7
1983	0.3	0.4	0.4	0.7	0.8	0.9	1.1	1.2	1.2	1.3
1982	0.3	0.3	0.5	0.7	0.7	0.9	1.0	1.5	0.9	1.4
1981	0.4	0.5	0.5	0.5	0.9	0.9	1.0	1.1	1.3	1.3
1980	0.3	0.4	0.4	0.6	0.7	0.8	1.3	1.6	1.4	1.6
1979	0.3	0.3	0.3	0.6	0.8	0.8	1.0	1.0	1.3	1.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Viral hepatitis (070)										
White, male										
1998	2.1	5.9	4.4	3.1	3.8	4.6	4.8	6.1	6.7	6.4
1997	1.8	4.3	3.0	3.4	3.0	3.8	4.8	5.7	7.2	5.2
1996	1.7	3.6	2.8	3.0	3.2	4.0	4.9	6.9	5.5	5.5
1995	1.6	3.0	2.7	2.8	3.3	3.9	5.2	5.2	7.1	5.0
1994	1.4	2.3	1.9	2.2	2.4	3.9	4.6	6.4	6.3	4.7
1993	1.2	1.8	2.1	2.2	2.3	3.1	4.0	4.9	5.1	3.1
1992	1.0	1.3	1.6	1.4	2.1	2.8	3.4	4.5	4.4	3.1
1991	0.9	1.4	1.1	1.8	1.9	2.3	3.8	3.1	4.7	2.9
1990	0.7	0.9	1.0	1.1	1.6	2.4	2.6	3.8	3.7	*
1989	0.7	0.9	1.0	1.2	1.5	2.3	3.0	3.0	3.9	3.1
1988	0.6	0.7	1.0	1.1	1.7	1.9	2.8	2.6	3.5	2.7
1987	0.6	0.7	0.7	1.4	1.2	1.6	2.5	2.3	2.5	*
1986	0.5	0.5	0.7	1.1	1.2	1.5	2.0	2.4	1.9	*
1985	0.5	0.7	0.5	0.7	1.1	1.6	1.7	2.0	*	*
1984	0.4	0.4	0.7	0.8	1.0	1.3	1.4	1.1	*	*
1983	0.4	0.4	0.5	0.8	1.1	1.3	1.4	1.6	*	*
1982	0.4	*	0.6	0.8	0.8	1.1	1.3	2.3	*	*
1981	0.4	0.6	0.6	0.7	1.1	1.0	1.2	1.7	*	*
1980	0.4	0.5	*	0.8	0.9	0.7	1.5	2.2	*	*
1979	0.3	*	*	0.6	1.0	1.2	0.9	*	2.2	*
Viral hepatitis (070)										
White, female										
1998	1.3	1.8	1.8	1.9	2.6	3.8	4.3	5.1	4.0	2.8
1997	1.1	1.3	1.3	1.6	2.1	3.3	4.5	4.1	4.6	3.4
1996	1.1	1.0	1.2	1.6	2.3	3.3	3.9	4.6	3.9	3.0
1995	0.9	0.8	1.0	1.6	1.9	2.9	4.0	4.4	4.0	2.5
1994	0.8	0.7	0.8	1.1	1.9	2.4	3.1	3.8	3.6	2.4
1993	0.7	0.4	0.6	1.0	1.9	2.1	2.7	3.4	2.8	1.9
1992	0.5	0.4	0.5	0.7	1.2	1.7	1.8	2.7	2.8	2.1
1991	0.5	*	0.4	1.0	1.3	1.8	2.0	2.5	1.9	1.8
1990	0.5	*	*	0.6	1.1	1.6	2.1	2.4	2.5	1.9
1989	0.5	0.4	0.5	0.6	0.8	1.4	1.5	1.8	2.7	2.2
1988	0.4	*	0.4	0.7	1.0	1.1	1.3	1.7	1.8	1.6
1987	0.3	*	*	0.7	0.5	0.8	1.3	1.5	1.6	1.1
1986	0.3	*	*	*	0.4	0.9	0.9	1.3	1.4	*
1985	0.3	*	*	0.6	0.6	0.8	1.1	1.1	1.1	*
1984	0.3	*	*	0.4	0.7	0.8	0.8	0.8	1.0	1.6
1983	0.3	*	*	0.6	0.4	0.7	0.9	1.0	*	*
1982	0.3	*	0.4	0.6	0.6	0.7	0.7	1.0	*	*
1981	0.3	*	*	0.4	0.8	0.9	0.9	0.8	1.1	1.3
1980	0.3	*	0.4	0.4	0.6	0.8	1.1	1.2	1.1	*
1979	0.3	*	*	0.5	0.6	0.5	1.1	0.9	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Viral hepatitis (070)										
All other, both sexes										
1998	2.0	5.8	5.0	5.8	5.7	6.6	6.2	7.6	7.1	*
1997	1.7	4.7	3.8	5.2	5.3	6.7	6.3	7.3	5.4	6.1
1996	1.5	3.4	3.8	4.2	4.2	6.9	6.7	5.3	6.7	*
1995	1.4	3.4	2.8	4.3	5.1	5.0	3.8	5.2	*	*
1994	1.4	2.6	2.4	4.5	4.9	5.8	5.4	5.4	5.3	*
1993	1.1	2.4	2.3	3.4	3.5	3.8	3.4	4.7	*	*
1992	0.9	1.8	1.7	2.8	2.8	3.3	3.6	*	*	*
1991	0.9	1.7	2.3	2.5	2.4	2.6	2.8	3.7	*	*
1990	0.8	1.4	1.7	1.8	1.8	3.1	3.3	*	*	*
1989	0.7	*	1.4	1.8	2.4	2.7	2.6	*	*	*
1988	0.6	*	1.5	*	1.7	*	2.6	*	*	*
1987	0.7	*	*	*	1.7	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	2.8	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)										
All other, male										
1998	2.5	9.2	7.4	8.1	7.0	8.1	6.0	8.8	*	*
1997	2.0	7.3	5.6	6.1	5.5	7.1	6.2	*	*	*
1996	1.8	5.5	5.7	5.8	4.0	6.8	6.9	*	*	*
1995	1.7	4.9	4.2	6.2	5.6	4.3	*	*	*	*
1994	1.5	3.6	3.0	5.4	5.0	5.0	6.0	*	*	*
1993	1.4	3.5	3.1	4.5	4.9	*	*	*	*	*
1992	1.2	2.8	2.8	3.9	3.7	4.2	*	*	*	*
1991	1.0	2.5	*	*	*	*	*	*	*	*
1990	0.9	2.4	*	*	*	*	*	*	*	*
1989	0.9	*	*	*	3.9	*	*	*	*	*
1988	0.7	*	*	*	*	*	*	*	*	*
1987	0.8	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Viral hepatitis (070)										
All other, female										
1998	1.4	2.9	2.9	3.9	4.7	5.5	6.4	6.8	*	*
1997	1.4	2.6	2.2	4.5	5.1	6.4	6.3	8.1	*	*
1996	1.3	1.6	2.3	2.8	4.5	7.1	6.7	6.5	7.7	*
1995	1.1	2.1	*	2.8	4.7	5.6	3.9	5.0	*	*
1994	1.3	1.7	2.0	3.7	4.9	6.4	5.1	7.2	*	*
1993	0.8	*	*	2.5	*	3.8	*	*	*	*
1992	0.7	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)										
Black, both sexes										
1998	1.9	7.2	5.3	5.2	4.1	5.7	4.7	6.5	*	*
1997	1.5	5.0	4.1	4.4	3.9	4.1	4.4	5.9	*	*
1996	1.4	4.0	4.1	3.1	2.6	4.5	5.6	*	6.4	*
1995	1.3	3.4	2.6	3.4	3.2	4.3	3.0	*	*	*
1994	1.2	2.7	1.9	3.3	3.1	4.1	4.0	4.8	*	*
1993	0.9	2.4	1.7	2.3	2.1	2.5	*	*	*	*
1992	0.8	1.8	*	1.9	2.0	2.5	*	*	*	*
1991	0.7	1.8	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	2.4	*	*	*	*
1989	0.7	*	*	*	*	2.6	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Viral hepatitis (070)										
Black, male										
1998	2.5	11.6	7.8	6.7	6.1	7.0	*	*	*	*
1997	1.9	7.8	6.2	5.3	4.9	*	*	*	*	*
1996	1.7	6.7	6.3	4.0	*	*	*	*	*	*
1995	1.5	4.8	3.9	4.5	*	*	*	*	*	*
1994	1.4	3.7	*	*	*	*	*	*	*	*
1993	1.2	3.6	*	*	*	*	*	*	*	*
1992	1.0	3.0	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.7	*	*	*	*	*	*	*	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.7	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Viral hepatitis (070)										
Black, female										
1998	1.4	3.5	3.2	4.0	*	4.8	5.0	6.4	*	*
1997	1.2	2.5	*	3.7	*	4.2	*	6.5	*	*
1996	1.1	*	*	*	*	5.2	5.4	*	*	*
1995	1.0	2.3	*	*	*	5.2	*	*	*	*
1994	1.1	*	*	*	3.6	4.9	*	*	*	*
1993	0.6	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Human immunodeficiency virus (HIV) disease (*042-*044)										
All races, both sexes										
1998	4.9	10.6	6.8	5.1	3.2	1.9	1.3	0.6	0.5	*
1997	6.1	12.5	7.6	5.4	4.1	2.2	1.3	0.8	*	*
1996	11.6	22.4	14.7	9.9	6.5	3.3	2.0	0.9	0.6	*
1995	16.2	30.8	19.9	13.2	8.3	4.7	2.4	0.9	*	*
1994	16.0	29.5	20.1	13.0	7.5	4.0	2.1	1.2	*	*
1993	14.3	26.3	17.7	10.8	6.6	3.8	1.8	1.0	*	*
1992	13.1	23.8	15.7	10.3	6.7	3.6	1.9	1.0	0.6	*
1991	11.7	21.4	14.6	9.0	5.9	3.1	1.7	1.1	0.5	*
1990	10.1	18.0	11.8	8.1	4.4	2.6	1.3	0.8	*	*
1989	8.9	15.6	10.6	6.9	3.9	2.2	1.3	0.8	0.6	*
1988	6.8	11.0	8.4	5.1	3.0	2.0	1.2	1.1	*	*
1987	5.6	9.9	5.8	4.3	2.7	1.5	1.1	0.9	0.6	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---
Human immunodeficiency virus (HIV) disease (*042-*044)										
All races, male										
1998	7.6	17.5	11.6	8.4	5.6	3.3	2.5	0.9	*	*
1997	9.7	20.6	12.8	9.4	7.1	4.3	2.2	1.4	*	*
1996	19.2	38.4	26.1	17.5	11.4	6.0	3.8	1.6	1.3	*
1995	27.6	54.0	36.1	23.8	15.1	8.4	4.0	1.7	*	*
1994	27.7	53.0	36.6	23.4	13.9	7.5	3.8	1.7	*	*
1993	25.3	48.2	32.7	20.0	12.6	7.1	3.3	1.7	*	*
1992	23.4	44.0	30.0	19.1	12.5	7.1	3.1	1.9	*	*
1991	21.1	40.0	27.3	16.7	11.2	5.8	2.9	1.7	*	*
1990	18.5	34.4	22.7	15.6	8.3	4.8	2.1	1.3	*	*
1989	16.4	29.9	20.5	13.2	7.8	4.1	2.2	1.2	*	*
1988	12.4	21.2	16.3	9.8	5.7	3.6	2.0	1.9	*	*
1987	10.2	19.2	11.2	8.3	5.3	2.8	1.8	1.2	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Human immunodeficiency virus (HIV) disease (*042-*044)										
All races, female										
1998	2.2	3.8	2.2	2.0	1.1	0.7	0.5	*	*	*
1997	2.6	4.7	2.6	1.8	1.4	0.5	0.6	*	*	*
1996	4.3	6.9	3.9	2.9	2.1	1.0	0.5	*	*	*
1995	5.3	8.3	4.5	3.4	2.2	1.6	1.1	*	*	*
1994	4.8	6.8	4.4	3.3	1.8	1.1	0.8	0.8	*	*
1993	3.9	5.2	3.4	2.4	1.4	1.2	0.7	*	*	*
1992	3.2	4.2	2.2	2.3	1.5	0.8	0.9	*	*	*
1991	2.7	3.5	2.6	1.8	1.2	0.9	0.7	0.7	*	*
1990	2.2	2.2	1.6	1.3	1.0	0.8	0.8	*	*	*
1989	1.8	1.8	1.4	1.1	0.6	0.7	0.6	0.5	*	*
1988	1.4	1.2	1.0	0.7	0.7	0.7	0.6	0.6	*	*
1987	1.1	0.9	0.7	0.6	0.5	0.5	0.5	0.7	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---
Human immunodeficiency virus (HIV) disease (*042-*044)										
White, both sexes										
1998	2.7	5.6	3.6	2.7	1.8	0.9	0.7	0.3	*	*
1997	3.5	6.9	4.2	3.0	2.0	1.2	0.5	0.4	*	*
1996	7.6	14.4	9.6	6.2	3.9	2.1	0.9	0.4	*	*
1995	11.6	21.7	14.4	9.4	5.4	3.1	1.5	0.5	*	*
1994	11.7	21.5	14.7	9.1	5.2	2.6	1.2	0.8	*	*
1993	10.9	20.3	13.8	8.3	5.1	2.7	1.3	0.7	*	*
1992	10.2	19.3	12.9	7.8	5.2	2.7	1.4	0.8	*	*
1991	9.4	17.6	11.8	7.4	4.7	2.3	1.4	0.9	*	*
1990	8.3	15.6	10.3	6.8	3.5	2.2	1.1	0.7	*	*
1989	7.3	13.5	9.1	5.9	3.4	1.9	1.2	0.7	0.6	*
1988	5.5	9.5	7.2	4.2	2.6	1.7	1.1	1.0	*	*
1987	4.6	8.5	5.2	3.8	2.3	1.4	1.1	0.9	0.7	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Human immunodeficiency virus (HIV) disease (*042-*044)										
White, male										
1998	4.6	10.0	6.5	4.7	3.2	1.7	1.3	*	*	*
1997	6.1	12.3	7.4	5.4	3.7	2.4	1.0	*	*	*
1996	13.4	25.9	17.8	11.1	7.2	3.8	1.9	0.8	*	*
1995	20.9	39.7	26.7	17.6	10.2	6.0	2.7	0.9	*	*
1994	21.5	40.3	27.8	17.3	9.8	5.0	2.3	1.1	*	*
1993	20.2	38.4	26.0	15.6	9.9	5.1	2.3	1.2	*	*
1992	19.2	36.6	24.9	14.7	10.0	5.3	2.2	1.7	*	*
1991	17.7	33.6	22.6	14.2	9.4	4.4	2.4	1.4	*	*
1990	15.8	30.4	20.1	13.2	6.8	4.1	1.7	1.2	*	*
1989	13.9	26.4	17.8	11.5	6.7	3.4	2.0	1.1	*	*
1988	10.4	18.6	14.1	8.2	5.0	3.1	1.8	1.8	*	*
1987	8.7	16.8	9.9	7.3	4.6	2.7	1.8	1.3	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---
Human immunodeficiency virus (HIV) disease (*042-*044)										
White, female										
1998	0.8	1.3	0.8	0.7	0.4	*	*	*	*	*
1997	1.0	1.6	1.0	0.8	0.5	*	*	*	*	*
1996	1.9	3.0	1.7	1.4	1.0	0.6	*	*	*	*
1995	2.5	3.9	2.4	1.5	1.0	0.7	0.6	*	*	*
1994	2.3	3.1	2.1	1.4	1.0	0.5	*	0.6	*	*
1993	1.9	2.6	1.9	1.4	0.8	0.7	0.5	*	*	*
1992	1.6	2.3	1.4	1.2	0.8	0.5	0.8	*	*	*
1991	1.4	1.8	1.3	1.0	0.6	0.7	0.7	0.7	*	*
1990	1.1	1.1	0.8	0.8	0.6	0.5	0.7	*	*	*
1989	0.9	0.9	0.8	0.7	0.4	0.6	0.5	*	*	*
1988	0.7	0.7	0.6	0.5	0.5	0.6	0.6	*	*	*
1987	0.6	0.4	0.6	0.5	*	0.4	0.5	0.7	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Human immunodeficiency virus (HIV) disease (*042-*044)										
All other, both sexes										
1998	14.9	36.0	25.4	19.9	12.4	8.2	6.7	*	*	*
1997	18.0	42.2	28.0	19.8	17.0	9.6	7.7	4.8	*	*
1996	30.5	66.7	44.9	32.6	22.7	12.1	10.7	4.7	*	*
1995	38.4	82.2	53.1	36.7	27.7	16.5	9.9	4.5	*	*
1994	36.9	75.5	52.7	37.0	22.9	15.0	9.5	4.8	*	*
1993	31.3	62.3	41.6	26.6	17.1	12.7	6.8	3.6	*	*
1992	27.4	51.3	32.8	26.7	17.2	11.1	6.1	*	*	*
1991	23.5	44.6	32.0	19.1	14.2	9.1	3.6	*	*	*
1990	19.8	32.9	21.3	17.0	10.7	6.3	3.4	*	*	*
1989	17.8	28.4	20.2	13.5	8.4	5.4	2.7	*	*	*
1988	13.9	20.2	16.1	11.2	5.8	4.0	*	*	*	*
1987	11.0	18.0	10.0	7.8	5.7	2.3	*	*	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---
Human immunodeficiency virus (HIV) disease (*042-*044)										
All other, male										
1998	21.7	59.2	43.4	32.7	21.7	14.9	13.1	*	*	*
1997	27.0	67.8	47.6	34.5	30.5	18.7	12.9	8.8	*	*
1996	47.3	112.7	78.2	58.8	40.9	22.8	21.6	9.6	*	*
1995	60.5	140.9	96.5	63.9	50.4	27.8	16.6	10.0	*	*
1994	59.0	132.6	93.8	64.7	43.5	27.8	17.7	*	*	*
1993	50.9	111.3	76.4	49.5	32.6	23.7	13.0	*	*	*
1992	45.0	93.3	63.0	48.9	31.9	21.8	11.8	*	*	*
1991	38.9	80.9	57.5	34.2	26.1	17.9	7.5	*	*	*
1990	32.9	60.7	39.4	33.4	20.3	11.1	*	*	*	*
1989	30.1	53.1	38.5	25.8	17.3	10.8	*	*	*	*
1988	23.7	38.7	30.8	22.0	11.0	7.5	*	*	*	*
1987	18.9	34.7	20.2	16.2	10.9	*	*	*	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Human immunodeficiency virus (HIV) disease (*042-*044)										
All other, female										
1998	8.6	16.1	10.0	9.2	4.9	3.1	*	*	*	*
1997	9.8	20.2	11.2	7.5	6.2	2.9	4.2	*	*	*
1996	15.1	27.2	16.5	10.9	8.4	4.2	*	*	*	*
1995	18.1	32.0	16.0	14.2	9.8	8.2	5.3	*	*	*
1994	16.6	26.6	17.6	14.2	6.7	5.5	3.9	*	*	*
1993	13.3	20.2	12.0	7.8	5.2	4.6	*	*	*	*
1992	11.2	15.2	7.1	8.6	5.9	3.1	*	*	*	*
1991	9.4	13.3	10.3	6.8	5.1	*	*	*	*	*
1990	7.9	8.8	5.9	3.9	3.4	*	*	*	*	*
1989	6.5	7.0	4.8	3.5	*	*	*	*	*	*
1988	5.0	4.3	3.7	*	*	*	*	*	*	*
1987	3.8	3.7	*	*	*	*	*	*	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---
Human immunodeficiency virus (HIV) disease (*042-*044)										
Black, both sexes										
1998	20.2	50.5	35.7	27.0	17.0	10.9	9.1	*	*	*
1997	24.4	59.1	39.0	27.1	23.0	12.9	10.1	6.3	*	*
1996	40.7	91.6	62.2	44.4	30.1	15.9	13.7	6.0	*	*
1995	50.6	113.0	72.6	48.7	36.4	21.5	12.8	5.3	*	*
1994	48.3	103.5	70.4	48.9	29.7	19.0	12.1	5.8	*	*
1993	40.8	84.2	55.2	34.9	22.4	16.1	8.6	4.4	*	*
1992	35.6	69.5	43.1	34.9	22.1	13.9	7.4	*	*	*
1991	30.2	59.5	42.0	24.4	17.8	11.2	4.2	*	*	*
1990	25.4	42.9	27.4	21.5	13.3	7.6	3.9	*	*	*
1989	22.5	36.5	26.0	16.6	10.2	6.6	3.1	*	*	*
1988	17.5	26.1	20.4	13.4	6.9	4.7	*	*	*	*
1987	13.8	22.7	12.5	9.7	6.7	*	*	*	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Human immunodeficiency virus (HIV) disease (*042-*044)										
Black, male										
1998	29.5	83.2	61.4	45.0	30.6	19.9	18.1	*	*	*
1997	36.6	95.5	67.0	48.0	42.2	25.0	17.7	11.8	*	*
1996	63.2	154.7	109.5	81.2	54.4	29.9	28.0	12.6	*	*
1995	80.2	194.2	133.7	86.1	66.9	36.1	22.2	12.5	*	*
1994	77.6	182.3	127.1	86.5	57.0	35.3	23.0	*	*	*
1993	66.7	151.5	102.7	65.6	42.8	30.6	17.1	*	*	*
1992	58.9	127.1	84.2	64.9	40.9	28.0	14.5	*	*	*
1991	50.2	109.1	76.8	44.1	33.0	22.3	8.8	*	*	*
1990	42.3	80.0	51.5	42.6	25.6	13.6	*	*	*	*
1989	38.4	69.1	50.3	32.5	21.2	13.7	*	*	*	*
1988	29.9	50.6	39.7	26.4	13.2	8.8	*	*	*	*
1987	23.8	44.5	25.3	20.2	13.2	*	*	*	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---
Human immunodeficiency virus (HIV) disease (*042-*044)										
Black, female										
1998	11.7	22.6	14.0	12.4	6.3	4.2	*	*	*	*
1997	13.3	28.0	15.5	10.2	8.1	3.8	5.1	*	*	*
1996	20.3	37.8	22.8	14.7	11.2	5.6	*	*	*	*
1995	24.0	44.2	21.7	18.7	12.8	10.6	6.7	*	*	*
1994	21.9	36.8	23.3	19.0	8.6	7.0	5.0	*	*	*
1993	17.5	27.4	15.8	10.3	6.8	5.5	*	*	*	*
1992	14.6	20.9	9.1	11.0	7.7	*	*	*	*	*
1991	12.1	17.8	13.5	8.7	6.3	*	*	*	*	*
1990	10.2	11.8	7.7	4.8	4.0	*	*	*	*	*
1989	8.3	9.1	6.1	4.0	*	*	*	*	*	*
1988	6.4	5.5	4.6	*	*	*	*	*	*	*
1987	4.8	4.6	*	*	*	*	*	*	*	*
1986	---	---	---	---	---	---	---	---	---	---
1985	---	---	---	---	---	---	---	---	---	---
1984	---	---	---	---	---	---	---	---	---	---
1983	---	---	---	---	---	---	---	---	---	---
1982	---	---	---	---	---	---	---	---	---	---
1981	---	---	---	---	---	---	---	---	---	---
1980	---	---	---	---	---	---	---	---	---	---
1979	---	---	---	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malaria (084)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Malaria (084)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malaria (084)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Malaria (084)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malaria (084)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Malaria (084)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malaria (084)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Malaria (084)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malaria (084)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Malaria (084)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malaria (084)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Malaria (084)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
All races, both sexes										
1998	2.2	1.5	2.1	3.0	4.1	5.7	7.7	9.8	12.8	19.6
1997	2.2	1.6	2.2	2.8	4.5	5.5	7.7	10.3	13.1	17.7
1996	2.4	2.0	2.1	3.1	4.0	6.2	8.0	10.1	12.4	17.9
1995	2.4	1.8	2.5	3.0	4.0	5.5	7.5	10.4	11.7	18.5
1994	2.5	2.2	2.3	3.2	4.7	5.7	7.7	9.6	12.3	18.8
1993	2.5	1.9	2.3	3.1	4.4	5.7	7.7	10.1	12.6	21.1
1992	2.4	2.1	2.5	3.1	4.3	5.5	7.3	10.1	12.1	19.7
1991	2.5	2.1	2.3	3.2	4.6	5.9	7.9	9.4	12.5	19.8
1990	2.6	2.2	2.2	3.2	4.6	6.3	8.1	10.7	14.0	20.8
1989	2.7	1.9	2.5	3.3	4.8	6.7	8.5	11.8	13.9	22.0
1988	2.5	1.8	2.5	3.1	4.6	6.0	8.7	10.7	14.4	23.2
1987	2.3	1.6	2.1	3.3	4.3	5.8	8.1	9.4	12.6	20.0
1986	3.7	4.2	3.7	4.5	5.0	6.7	8.2	10.3	13.0	21.5
1985	2.9	2.9	3.1	3.5	4.5	6.1	7.8	9.7	11.5	20.7
1984	2.4	2.5	2.3	3.2	4.0	5.5	6.9	9.2	11.9	18.6
1983	1.9	1.5	2.1	2.7	3.8	4.9	6.6	8.9	10.7	15.8
1982	1.8	1.2	1.8	2.3	3.5	5.1	6.6	7.9	9.3	16.4
1981	1.7	1.2	2.0	2.4	3.7	4.6	5.5	7.4	10.4	16.9
1980	1.6	1.1	1.8	2.6	3.1	4.6	5.7	7.2	10.2	18.3
1979	1.4	1.2	1.4	2.3	3.1	3.8	4.7	6.2	8.9	12.0
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
All races, male										
1998	2.3	1.9	2.5	3.3	4.7	6.7	9.6	12.2	16.3	21.1
1997	2.4	2.1	2.6	3.2	5.2	6.5	9.0	13.2	16.7	21.8
1996	2.6	2.6	2.4	3.5	4.9	7.1	9.5	12.1	15.7	24.2
1995	2.7	2.5	2.8	3.4	4.4	6.7	9.2	13.6	15.6	25.1
1994	2.9	3.1	2.9	4.1	5.6	6.9	9.3	11.7	13.9	24.6
1993	2.9	2.6	3.0	3.8	5.6	7.0	9.6	11.9	17.8	26.5
1992	2.8	2.7	3.2	3.8	5.0	6.9	9.0	12.6	15.9	26.2
1991	3.0	3.0	3.0	4.1	5.7	7.5	10.1	13.2	18.9	25.1
1990	3.0	3.2	2.7	3.9	5.6	8.1	10.4	13.6	19.5	26.4
1989	3.1	2.7	3.2	4.2	6.0	8.6	10.5	16.0	18.9	26.5
1988	2.9	2.2	3.4	4.0	5.4	7.8	11.4	13.6	18.7	26.7
1987	2.6	2.4	2.8	4.4	5.4	7.0	10.0	12.7	16.4	24.1
1986	5.2	7.1	5.7	6.6	6.8	8.6	10.6	14.2	17.1	24.4
1985	3.9	4.7	4.6	4.8	5.6	8.2	9.8	12.8	15.9	24.3
1984	3.0	3.8	3.2	4.5	5.5	6.6	8.9	11.7	15.4	22.4
1983	2.2	2.0	2.3	3.4	4.5	6.0	8.5	12.5	15.1	20.9
1982	1.9	1.5	2.4	2.8	4.6	6.2	8.2	10.5	12.9	20.9
1981	1.8	1.4	2.5	3.0	4.6	6.2	6.7	9.5	14.1	22.3
1980	1.8	1.3	2.2	3.2	3.7	6.3	7.6	8.4	13.5	21.9
1979	1.6	1.4	1.7	2.8	3.7	4.9	6.5	8.5	12.9	14.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
All races, female										
1998	2.1	1.2	1.6	2.7	3.5	4.9	6.3	8.1	10.7	19.1
1997	2.1	1.2	1.9	2.5	3.8	4.6	6.7	8.3	11.1	16.1
1996	2.1	1.4	1.8	2.8	3.2	5.4	6.9	8.7	10.5	15.5
1995	2.1	1.1	2.2	2.6	3.6	4.5	6.2	8.2	9.5	15.9
1994	2.1	1.3	1.7	2.2	3.9	4.8	6.4	8.2	11.4	16.6
1993	2.1	1.3	1.6	2.4	3.4	4.6	6.4	8.9	9.8	19.1
1992	2.0	1.4	1.7	2.5	3.6	4.3	6.0	8.5	10.0	17.2
1991	2.0	1.2	1.8	2.4	3.6	4.6	6.3	7.0	9.1	17.7
1990	2.2	1.3	1.7	2.6	3.8	4.9	6.3	8.8	11.1	18.7
1989	2.2	1.2	1.8	2.5	3.8	5.1	7.0	9.2	11.2	20.3
1988	2.2	1.3	1.7	2.2	3.9	4.5	6.7	8.9	12.2	21.9
1987	2.0	0.9	1.5	2.3	3.4	4.9	6.7	7.3	10.6	18.4
1986	2.2	1.4	1.9	2.6	3.5	5.1	6.5	7.9	10.8	20.4
1985	2.0	1.3	1.8	2.3	3.5	4.4	6.4	7.7	9.2	19.3
1984	1.8	1.2	1.4	2.1	2.6	4.5	5.4	7.6	10.1	17.0
1983	1.6	1.0	1.9	2.1	3.2	4.1	5.2	6.7	8.3	13.7
1982	1.6	0.9	1.3	1.9	2.6	4.2	5.4	6.3	7.4	14.5
1981	1.5	0.9	1.5	2.0	2.9	3.4	4.7	6.1	8.5	14.6
1980	1.5	0.9	1.4	2.1	2.6	3.3	4.3	6.4	8.4	16.8
1979	1.3	1.0	1.1	1.9	2.5	2.9	3.4	4.8	6.7	10.8
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
White, both sexes										
1998	2.2	1.3	1.9	2.7	3.9	5.7	7.6	9.6	12.7	19.7
1997	2.2	1.3	2.1	2.7	4.3	5.3	7.4	10.1	12.8	17.6
1996	2.3	1.7	1.8	2.8	3.8	6.0	7.9	9.6	12.4	17.5
1995	2.3	1.6	2.2	2.8	3.8	5.4	7.5	10.4	11.3	18.8
1994	2.4	2.0	2.1	3.0	4.4	5.7	7.3	9.5	11.8	18.9
1993	2.4	1.6	2.0	2.8	4.2	5.6	7.5	9.8	12.4	20.8
1992	2.3	1.7	2.2	2.8	3.9	5.3	7.1	10.1	11.7	19.4
1991	2.4	1.9	2.1	2.9	4.3	5.6	7.7	9.4	12.3	19.6
1990	2.5	1.9	1.8	2.9	4.3	6.2	7.8	10.3	13.9	20.6
1989	2.5	1.7	2.2	3.1	4.7	6.4	8.2	11.4	13.6	22.1
1988	2.4	1.5	2.3	2.9	4.4	6.0	8.3	10.5	14.2	23.4
1987	2.2	1.4	1.7	2.9	4.2	5.5	8.0	9.3	12.4	19.8
1986	3.5	3.8	3.4	4.2	4.7	6.5	8.1	10.1	12.9	21.6
1985	2.8	2.6	2.9	3.2	4.3	5.7	7.6	9.6	11.5	21.0
1984	2.3	2.2	2.0	3.0	3.8	5.3	6.7	9.1	11.6	19.0
1983	1.9	1.4	1.9	2.5	3.8	4.9	6.6	8.7	10.5	15.9
1982	1.7	1.1	1.7	2.2	3.4	4.9	6.5	7.6	9.1	16.6
1981	1.7	1.1	1.8	2.4	3.5	4.5	5.5	7.4	10.2	16.9
1980	1.6	0.9	1.6	2.5	2.9	4.5	5.5	6.8	9.9	18.3
1979	1.4	1.2	1.3	2.2	2.9	3.7	4.5	6.2	8.8	12.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
White, male										
1998	2.3	1.6	2.2	2.9	4.6	6.8	9.5	12.0	16.3	21.1
1997	2.3	1.7	2.3	3.0	4.8	6.3	8.6	12.8	16.8	21.6
1996	2.4	2.2	2.0	3.0	4.7	6.8	9.5	11.6	15.7	23.0
1995	2.7	2.3	2.5	3.2	4.3	6.5	9.3	13.2	15.3	25.0
1994	2.7	2.7	2.7	4.0	5.3	6.7	8.9	11.6	12.5	24.3
1993	2.7	2.1	2.6	3.3	5.2	6.9	9.1	11.4	17.5	26.5
1992	2.6	2.2	2.9	3.4	4.6	6.7	8.6	12.9	15.4	25.8
1991	2.8	2.7	2.6	3.6	5.1	7.1	9.7	13.0	18.3	24.6
1990	2.9	2.7	2.1	3.5	5.3	7.8	9.8	13.2	19.8	25.9
1989	2.9	2.3	2.8	4.0	5.9	8.1	10.3	15.3	18.0	26.7
1988	2.7	1.9	3.0	3.7	5.1	7.6	10.9	13.5	18.9	25.7
1987	2.5	2.0	2.2	3.8	5.3	6.8	9.8	12.8	15.9	23.9
1986	4.9	6.6	5.2	6.1	6.2	8.5	10.2	13.9	16.7	23.9
1985	3.7	4.1	4.1	4.5	5.5	7.7	9.7	12.6	15.5	24.4
1984	2.8	3.3	2.8	4.3	5.3	6.4	8.7	11.7	14.2	22.5
1983	2.1	1.8	2.2	3.0	4.5	5.9	8.4	12.1	14.9	20.4
1982	1.9	1.4	2.2	2.7	4.4	5.9	8.0	10.0	12.4	20.6
1981	1.8	1.3	2.3	2.9	4.3	5.9	6.7	9.6	14.1	21.7
1980	1.7	1.0	1.9	3.0	3.4	6.0	7.4	8.1	13.4	21.6
1979	1.6	1.4	1.6	2.7	3.5	5.0	6.4	8.3	12.6	15.1
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
White, female										
1998	2.1	1.0	1.6	2.5	3.3	4.8	6.0	8.0	10.7	19.1
1997	2.1	1.0	1.9	2.4	3.8	4.5	6.5	8.2	10.5	16.0
1996	2.1	1.2	1.7	2.6	3.0	5.3	6.6	8.3	10.5	15.3
1995	2.1	1.0	1.8	2.4	3.3	4.5	6.0	8.5	9.1	16.4
1994	2.1	1.2	1.5	2.1	3.5	4.9	6.1	8.0	11.5	16.9
1993	2.1	1.1	1.4	2.4	3.3	4.5	6.3	8.8	9.7	18.6
1992	2.0	1.2	1.5	2.3	3.2	4.2	5.9	8.3	9.7	17.0
1991	2.0	1.1	1.6	2.3	3.6	4.4	6.1	7.1	9.1	17.7
1990	2.1	1.2	1.5	2.4	3.4	4.8	6.3	8.4	10.8	18.6
1989	2.2	1.0	1.7	2.4	3.7	5.0	6.7	8.9	11.3	20.4
1988	2.2	1.1	1.6	2.1	3.7	4.6	6.5	8.6	11.7	22.5
1987	1.9	0.8	1.1	2.1	3.2	4.5	6.7	7.1	10.5	18.3
1986	2.1	1.2	1.8	2.4	3.4	4.9	6.6	7.7	11.0	20.8
1985	1.9	1.1	1.7	2.0	3.4	4.1	6.1	7.7	9.4	19.6
1984	1.8	1.2	1.2	1.9	2.5	4.4	5.3	7.5	10.2	17.6
1983	1.6	0.9	1.6	2.1	3.1	4.1	5.2	6.5	8.2	14.1
1982	1.6	0.8	1.3	1.9	2.5	4.1	5.4	6.0	7.4	15.0
1981	1.5	0.9	1.4	1.9	2.7	3.3	4.7	6.0	8.2	14.8
1980	1.5	0.7	1.3	2.0	2.4	3.3	4.2	6.1	8.1	16.9
1979	1.3	1.0	1.0	1.8	2.3	2.8	3.2	4.9	6.8	11.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
All other, both sexes										
1998	2.3	2.8	3.0	4.8	5.4	5.6	9.2	11.0	12.9	19.0
1997	2.5	3.1	3.2	3.7	5.7	6.7	10.0	12.2	15.9	19.5
1996	2.7	3.6	3.5	5.1	5.6	7.6	9.1	14.2	12.0	22.7
1995	2.6	2.7	4.3	3.9	5.4	6.0	7.9	10.5	15.5	15.6
1994	2.8	3.5	3.5	4.1	7.0	5.8	11.0	10.7	16.7	17.6
1993	2.9	3.7	4.0	4.6	5.9	6.6	10.0	12.8	14.1	24.5
1992	2.9	4.4	4.0	5.0	6.8	6.6	8.9	10.2	15.9	22.6
1991	3.0	3.4	3.7	4.7	6.7	8.3	10.1	9.4	14.6	21.6
1990	3.2	4.3	4.5	5.1	7.2	7.6	10.4	14.0	14.9	23.0
1989	3.3	3.6	4.1	4.4	5.5	8.9	10.8	15.8	16.5	21.1
1988	2.9	3.3	4.1	4.6	6.2	6.2	11.9	12.9	17.2	21.4
1987	2.7	3.1	5.0	6.0	5.4	8.4	8.9	10.7	15.3	22.1
1986	4.6	6.3	5.4	6.8	7.4	8.1	9.4	12.5	13.5	20.3
1985	3.6	5.0	4.6	5.7	5.8	9.5	9.4	10.6	12.0	17.9
1984	2.9	4.1	4.2	4.6	5.6	6.8	8.4	9.9	16.1	14.3
1983	2.2	2.5	3.8	4.5	4.2	5.4	6.8	11.2	12.2	14.4
1982	1.9	2.1	2.8	3.1	4.7	6.6	7.3	11.1	11.5	13.5
1981	1.7	1.7	3.1	3.1	5.5	5.9	6.0	8.2	12.4	17.4
1980	1.9	2.6	2.9	3.7	4.9	6.0	6.8	10.2	13.1	18.4
1979	1.6	1.4	2.4	3.1	4.8	4.2	6.5	6.4	10.3	*
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
All other, male										
1998	2.5	3.7	4.4	6.3	5.6	6.4	10.3	14.1	15.3	20.8
1997	2.8	4.4	4.0	4.6	8.2	8.2	12.4	16.9	15.6	23.5
1996	3.3	5.2	4.9	6.5	6.8	10.1	9.2	16.8	16.0	34.9
1995	3.1	3.6	4.3	4.2	5.4	8.1	7.8	17.6	19.1	26.1
1994	3.5	5.4	4.0	5.2	7.3	8.5	12.8	12.9	28.2	28.3
1993	3.7	5.3	5.4	7.0	8.1	7.8	14.1	17.1	20.0	26.0
1992	3.6	6.3	5.4	7.1	8.0	8.6	12.4	9.9	20.8	30.4
1991	3.9	5.2	5.0	7.1	10.7	10.5	14.0	14.5	25.2	30.5
1990	4.0	6.4	7.1	6.1	8.6	10.2	16.6	17.4	17.0	30.7
1989	4.2	5.3	5.7	5.3	7.3	12.6	12.3	23.0	28.1	24.7
1988	3.6	4.4	6.2	6.7	7.9	9.0	16.1	14.6	17.1	35.4
1987	3.3	5.2	6.8	8.9	6.7	9.5	12.1	12.1	21.4	26.0
1986	7.0	10.3	9.1	10.5	11.8	9.5	14.5	17.1	21.3	29.3
1985	5.1	8.3	7.6	7.2	7.1	12.9	10.7	14.6	20.2	*
1984	4.0	7.1	6.2	5.9	7.6	8.4	11.5	11.9	27.7	*
1983	2.9	3.6	3.5	7.1	4.9	7.3	9.6	15.7	*	*
1982	2.5	*	4.2	3.9	6.3	9.1	10.0	15.2	*	*
1981	2.0	*	3.9	*	6.7	8.7	7.1	*	*	*
1980	2.1	3.3	4.0	5.1	6.2	9.6	8.7	11.2	*	*
1979	1.8	*	*	3.8	5.6	*	8.0	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
All other, female										
1998	2.0	2.1	1.8	3.5	5.2	4.9	8.4	9.0	11.6	18.2
1997	2.2	2.1	2.4	2.9	3.7	5.6	8.5	9.3	16.1	17.8
1996	2.2	2.3	2.3	3.9	4.6	5.8	9.0	12.5	10.0	17.6
1995	2.2	2.0	4.2	3.7	5.4	4.4	7.9	6.0	13.6	11.1
1994	2.2	1.9	3.1	3.1	6.9	3.9	9.7	9.3	10.5	13.0
1993	2.3	2.3	2.8	2.7	4.2	5.6	7.1	10.2	10.9	23.9
1992	2.3	2.8	2.8	3.3	5.9	5.1	6.5	10.3	13.2	19.2
1991	2.2	1.9	2.5	2.7	3.6	6.6	7.4	6.3	8.7	17.7
1990	2.5	2.4	2.4	4.3	6.1	5.6	6.2	11.9	13.7	19.5
1989	2.5	2.2	2.8	3.6	4.1	6.1	9.7	11.3	9.9	19.3
1988	2.2	2.3	*	2.8	4.9	4.0	9.0	11.8	17.2	14.8
1987	2.2	*	3.6	3.7	4.4	7.6	6.7	9.8	11.7	20.2
1986	2.5	2.8	*	3.8	4.1	7.1	5.9	9.6	*	16.0
1985	2.2	*	*	4.4	4.8	6.9	8.5	8.0	*	15.3
1984	1.9	*	2.6	3.6	3.9	5.6	6.3	8.6	*	*
1983	1.6	*	3.9	*	3.6	4.0	4.8	8.2	*	*
1982	1.5	*	*	*	3.4	4.8	5.2	8.4	*	*
1981	1.5	*	*	2.9	4.5	3.9	5.2	8.0	*	*
1980	1.6	*	*	*	3.8	*	5.4	9.5	*	*
1979	1.4	*	*	*	4.2	4.2	*	*	*	*
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
Black, both sexes										
1998	2.6	3.6	3.7	5.3	5.7	6.4	10.5	10.5	13.0	18.3
1997	2.9	3.7	3.9	4.1	5.9	7.2	11.1	12.5	16.3	20.7
1996	3.1	4.6	3.8	6.1	6.0	8.2	9.8	15.5	11.5	21.5
1995	3.1	3.4	4.9	4.3	6.0	6.4	8.5	11.5	15.6	14.7
1994	3.2	4.4	4.3	5.1	7.1	6.1	11.4	10.2	15.8	17.9
1993	3.4	4.5	5.0	4.7	6.8	6.5	10.0	12.9	15.0	25.9
1992	3.4	5.5	5.0	5.6	6.8	6.5	9.9	10.5	15.5	22.1
1991	3.5	4.3	4.4	5.4	7.8	7.7	10.6	9.9	15.1	20.3
1990	3.7	5.3	5.3	5.5	8.0	7.8	10.5	14.7	14.9	21.1
1989	3.8	4.5	4.5	4.8	6.2	9.4	11.7	16.5	14.9	22.3
1988	3.3	3.7	4.8	5.0	6.5	6.5	11.8	14.8	17.6	21.5
1987	3.1	3.5	5.8	6.2	5.9	8.9	9.3	11.2	15.6	22.6
1986	5.4	7.6	6.2	7.5	7.2	8.0	9.1	11.9	14.1	17.9
1985	4.0	5.7	5.3	5.9	6.2	8.9	8.9	10.4	11.0	17.9
1984	3.2	4.7	4.3	4.6	5.8	7.2	8.2	9.0	15.3	13.7
1983	2.4	2.9	4.2	4.4	4.3	5.6	7.1	11.1	12.3	12.0
1982	2.1	2.5	2.7	2.8	5.0	7.2	7.4	9.2	11.5	11.9
1981	1.8	1.9	3.2	3.4	5.4	5.6	5.7	7.7	11.0	14.3
1980	2.0	2.9	2.8	3.4	5.2	6.0	7.3	9.8	13.0	18.9
1979	1.6	*	2.4	2.9	5.0	4.1	6.5	5.1	10.0	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
Black, male										
1998	3.0	4.6	5.6	7.9	6.3	8.3	13.2	12.9	*	*
1997	3.2	5.4	5.1	5.1	8.5	8.8	13.5	16.2	*	*
1996	3.8	6.6	5.6	8.0	7.5	10.6	10.1	18.7	*	31.4
1995	3.7	4.8	5.1	4.9	6.4	8.6	8.7	20.3	19.6	27.0
1994	4.1	6.7	5.3	7.3	7.0	8.7	13.9	12.9	26.3	29.3
1993	4.2	6.7	6.9	7.7	9.3	7.5	13.5	16.5	21.9	27.2
1992	4.2	8.0	7.0	8.5	8.7	9.3	13.0	12.1	*	28.0
1991	4.6	6.9	6.7	8.2	13.0	9.9	15.2	14.5	27.9	*
1990	4.6	7.9	8.3	6.1	9.6	9.4	16.2	18.5	*	*
1989	4.9	6.6	6.3	6.1	8.1	13.4	14.3	25.8	24.7	*
1988	4.2	5.5	7.8	7.7	8.6	9.1	15.6	17.5	*	36.9
1987	3.8	6.0	8.1	9.6	7.7	10.4	12.4	13.7	21.7	*
1986	8.2	12.6	10.6	12.1	11.6	8.7	13.7	14.5	*	*
1985	5.9	9.9	8.8	8.2	7.5	12.1	10.2	14.1	*	*
1984	4.4	8.7	6.6	5.5	7.8	8.6	10.2	*	25.0	*
1983	3.1	4.4	4.0	6.7	5.5	7.8	10.2	15.2	*	*
1982	2.6	*	4.2	*	7.6	9.6	10.3	*	*	*
1981	2.0	*	4.3	*	6.4	8.4	*	*	*	*
1980	2.2	3.9	3.9	4.5	7.0	9.3	9.8	*	*	*
1979	1.8	*	*	*	6.2	*	*	*	*	*
Other and unspecified infectious and parasitic diseases and their sequelae (001,005,020-032,037,039-041,046-054,056-061,065-066,071-083,085-088,098-134,136-139,771.3)										
Black, female										
1998	2.3	2.7	*	3.1	5.1	5.0	8.7	9.0	11.4	17.6
1997	2.5	2.3	2.8	3.3	3.9	6.1	9.6	10.3	16.7	19.7
1996	2.5	3.0	*	4.6	4.8	6.5	9.7	13.6	9.9	17.8
1995	2.5	2.2	4.8	3.8	5.7	4.8	8.3	6.2	13.6	10.0
1994	2.5	2.5	3.5	3.4	7.2	4.1	9.8	8.6	10.6	13.5
1993	2.6	2.7	3.5	*	4.8	5.7	7.7	10.9	11.5	25.4
1992	2.6	3.4	3.3	3.4	5.4	4.6	7.9	9.6	14.4	19.8
1991	2.5	*	*	*	3.9	6.2	7.5	7.2	*	17.9
1990	2.9	3.1	*	5.0	6.9	6.6	6.8	12.5	12.6	20.5
1989	2.9	2.6	*	3.8	4.7	6.5	9.9	11.0	*	20.9
1988	2.4	*	*	*	4.9	4.5	9.2	13.2	16.3	14.8
1987	2.4	*	3.9	3.6	4.6	7.8	7.1	9.7	12.3	21.5
1986	2.8	3.4	*	3.7	3.9	7.5	6.1	10.3	*	*
1985	2.4	*	*	4.1	5.2	6.5	8.1	8.1	*	15.0
1984	2.1	*	*	3.9	4.2	6.1	6.8	7.9	*	*
1983	1.8	*	4.4	*	*	*	*	8.5	*	*
1982	1.6	*	*	*	*	5.5	*	8.0	*	*
1981	1.5	*	*	*	4.6	*	*	*	*	*
1980	1.7	*	*	*	*	*	*	9.8	*	*
1979	1.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms (140-208)										
All races, both sexes										
1998	196.3	95.0	171.1	296.8	476.5	701.8	976.5	1,210.4	1,483.4	1,758.6
1997	197.9	96.9	176.4	306.1	489.2	711.1	981.5	1,214.9	1,486.2	1,789.2
1996	200.3	98.9	184.8	312.3	504.2	726.1	999.0	1,228.3	1,508.3	1,782.5
1995	202.2	102.2	189.0	322.4	511.4	738.1	1,003.8	1,247.4	1,515.8	1,797.7
1994	203.1	104.4	195.0	326.0	525.7	754.3	1,005.5	1,246.9	1,531.3	1,769.2
1993	203.9	106.8	196.7	335.3	531.3	758.7	1,007.2	1,260.4	1,514.6	1,790.8
1992	202.9	108.7	201.5	340.3	532.6	764.7	998.7	1,247.0	1,512.4	1,755.4
1991	203.4	113.3	204.5	353.4	540.4	762.1	1,003.0	1,248.6	1,506.5	1,757.7
1990	203.2	114.9	212.4	352.4	545.5	761.0	1,012.7	1,258.0	1,489.8	1,752.9
1989	201.0	114.8	211.7	357.3	546.2	755.1	1,009.9	1,234.2	1,470.7	1,703.7
1988	198.4	116.0	215.9	359.8	547.5	746.0	993.8	1,205.2	1,453.8	1,674.7
1987	196.8	118.4	219.3	359.1	547.5	745.9	993.8	1,202.0	1,426.3	1,643.2
1986	195.5	119.9	218.5	357.0	543.8	745.3	996.6	1,186.8	1,424.9	1,632.0
1985	194.0	122.5	221.0	365.0	546.9	737.9	979.4	1,182.7	1,417.0	1,615.4
1984	192.3	121.3	223.6	368.8	538.6	739.1	966.5	1,173.5	1,415.8	1,621.9
1983	189.5	122.9	222.0	364.9	532.0	730.2	963.6	1,166.6	1,388.6	1,614.2
1982	187.3	125.6	224.1	360.8	528.8	733.7	939.6	1,162.3	1,381.2	1,598.6
1981	183.9	126.5	226.3	360.2	518.9	722.6	933.2	1,136.8	1,369.9	1,580.6
1980	183.9	128.3	228.9	358.1	525.8	722.7	940.9	1,142.6	1,378.7	1,594.6
1979	179.6	129.1	231.4	348.8	524.0	703.9	927.5	1,110.2	1,367.5	1,522.9
Malignant neoplasms (140-208)										
All races, male										
1998	208.7	95.0	179.6	331.7	556.3	860.7	1,234.6	1,593.7	2,052.8	2,653.4
1997	210.6	95.3	184.4	339.2	572.7	877.1	1,247.0	1,604.2	2,075.2	2,741.5
1996	213.9	97.2	193.5	349.9	593.3	895.0	1,280.2	1,623.6	2,126.2	2,758.5
1995	216.3	98.4	196.8	358.9	605.9	913.0	1,283.2	1,659.8	2,164.0	2,818.7
1994	218.1	100.5	206.2	365.9	629.5	935.8	1,289.1	1,669.0	2,204.1	2,787.7
1993	220.0	103.8	206.7	380.8	635.4	949.9	1,302.9	1,706.0	2,202.3	2,814.2
1992	219.4	107.1	211.7	385.9	639.8	963.4	1,286.3	1,709.4	2,205.6	2,782.0
1991	220.7	110.5	216.9	399.4	650.5	962.7	1,314.7	1,710.1	2,232.0	2,747.1
1990	221.3	111.5	225.2	405.1	662.3	959.9	1,337.5	1,752.1	2,200.5	2,739.9
1989	218.9	114.1	224.3	410.2	662.7	949.1	1,339.0	1,716.6	2,181.9	2,621.9
1988	216.7	113.7	231.1	411.6	662.9	943.9	1,320.5	1,703.6	2,153.1	2,574.7
1987	215.9	115.3	232.8	414.4	663.8	949.2	1,335.8	1,699.5	2,135.5	2,499.6
1986	214.4	117.5	232.1	411.8	656.8	946.2	1,333.9	1,690.4	2,133.3	2,481.6
1985	213.4	119.9	235.0	420.7	659.4	942.1	1,321.5	1,691.9	2,110.1	2,451.8
1984	211.7	119.1	239.4	427.9	650.6	942.8	1,315.6	1,678.6	2,094.7	2,453.1
1983	209.8	123.2	237.5	421.3	643.9	940.2	1,311.5	1,693.2	2,066.7	2,441.3
1982	207.7	124.7	242.0	415.2	642.6	949.9	1,286.5	1,672.8	2,046.0	2,429.8
1981	204.4	127.3	243.6	415.7	633.9	939.2	1,288.3	1,625.4	2,013.8	2,364.3
1980	205.3	128.1	246.7	414.8	645.2	947.5	1,292.5	1,656.2	2,033.9	2,369.5
1979	201.6	129.6	250.1	402.0	648.5	926.1	1,296.4	1,603.6	2,017.2	2,268.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms (140-208)										
All races, female										
1998	184.4	95.1	163.0	264.2	404.5	566.7	776.2	944.9	1,154.5	1,403.0
1997	185.7	98.4	168.8	275.4	414.0	570.6	777.1	947.0	1,150.3	1,415.7
1996	187.3	100.5	176.5	277.4	424.3	583.9	783.4	958.3	1,160.3	1,404.3
1995	188.8	105.8	181.5	288.7	427.0	592.1	789.8	968.6	1,156.3	1,404.4
1994	188.7	108.2	184.3	289.1	433.3	604.4	788.9	964.1	1,163.3	1,379.1
1993	188.4	109.6	187.2	293.2	439.1	601.8	782.1	964.6	1,142.1	1,400.1
1992	187.2	110.2	191.9	298.4	438.0	602.8	781.1	942.6	1,139.9	1,363.6
1991	187.0	116.1	192.8	311.1	443.7	599.3	768.8	947.5	1,120.1	1,378.8
1990	186.0	118.3	200.3	304.3	443.7	599.7	771.7	940.2	1,112.4	1,372.1
1989	184.0	115.4	199.8	308.9	445.2	597.4	766.8	924.9	1,094.8	1,346.7
1988	181.0	118.2	201.5	312.5	447.8	584.9	753.9	887.4	1,084.9	1,323.3
1987	178.8	121.3	206.5	308.8	447.3	580.3	744.3	886.5	1,054.2	1,305.7
1986	177.5	122.2	205.7	307.4	446.5	582.1	751.3	869.0	1,053.4	1,294.8
1985	175.7	124.9	207.9	314.7	449.6	572.6	731.4	862.2	1,053.2	1,281.4
1984	173.9	123.4	208.8	315.9	441.7	574.9	713.8	856.3	1,058.9	1,285.9
1983	170.3	122.6	207.7	314.6	435.0	561.3	712.2	836.2	1,031.1	1,275.2
1982	167.9	126.5	207.6	312.4	430.1	560.5	688.6	842.2	1,030.3	1,252.1
1981	164.6	125.7	210.4	310.8	419.2	549.3	676.5	830.4	1,028.3	1,246.5
1980	163.6	128.5	212.4	307.5	423.0	542.9	686.5	820.5	1,030.2	1,255.7
1979	158.9	128.7	214.1	301.0	416.5	526.5	660.8	799.9	1,018.8	1,191.6
Malignant neoplasms (140-208)										
White, both sexes										
1998	207.4	88.9	162.8	287.1	465.2	696.0	965.1	1,202.4	1,476.7	1,750.0
1997	208.6	91.2	169.5	296.1	477.1	703.2	966.4	1,205.2	1,478.5	1,772.9
1996	211.0	93.1	177.9	302.4	493.9	716.0	984.4	1,216.9	1,495.8	1,773.0
1995	212.8	96.9	180.5	313.2	497.4	728.0	988.0	1,239.2	1,501.2	1,787.4
1994	213.4	98.4	186.7	314.0	514.9	742.8	989.9	1,238.0	1,516.3	1,759.2
1993	213.7	100.4	186.6	323.6	520.0	745.5	991.0	1,248.6	1,498.6	1,776.9
1992	212.5	102.9	191.5	325.6	520.0	750.9	983.8	1,239.3	1,499.9	1,746.3
1991	212.4	107.4	194.0	340.3	528.8	747.1	988.1	1,237.2	1,486.7	1,745.2
1990	211.6	108.2	201.7	337.2	530.3	745.2	999.4	1,247.5	1,477.2	1,741.9
1989	209.2	108.1	201.0	344.0	533.2	737.6	996.3	1,221.8	1,462.2	1,695.0
1988	206.2	110.2	204.7	347.0	534.3	729.3	984.2	1,193.9	1,444.1	1,666.3
1987	204.4	112.2	207.9	347.3	533.3	731.9	982.9	1,193.3	1,411.2	1,636.0
1986	202.7	112.9	207.4	346.4	527.9	732.2	985.2	1,179.4	1,414.7	1,625.2
1985	200.8	116.4	209.8	351.1	531.3	727.1	965.0	1,176.6	1,400.5	1,613.0
1984	198.6	113.8	213.2	353.9	520.9	728.6	953.5	1,167.7	1,398.4	1,626.2
1983	195.6	115.1	211.6	351.3	515.8	720.2	948.3	1,159.5	1,375.0	1,623.2
1982	193.2	118.3	213.5	346.9	512.6	724.6	927.0	1,159.6	1,367.3	1,608.0
1981	189.5	119.5	216.0	346.9	504.2	712.0	921.6	1,134.2	1,357.0	1,589.4
1980	189.0	120.8	217.6	344.2	511.5	711.4	930.1	1,139.1	1,369.9	1,600.8
1979	184.4	121.3	220.3	335.8	509.6	692.8	918.1	1,106.7	1,367.8	1,536.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms (140-208)										
White, male										
1998	218.7	87.5	167.5	317.5	536.0	845.6	1,208.5	1,567.3	2,023.7	2,627.1
1997	220.1	88.3	173.8	321.3	551.2	860.0	1,215.7	1,576.4	2,050.9	2,705.6
1996	223.1	89.9	183.3	332.3	572.4	872.3	1,247.3	1,590.6	2,089.6	2,731.2
1995	225.3	92.2	184.2	343.6	581.3	890.2	1,248.2	1,631.2	2,128.7	2,789.4
1994	226.7	92.4	192.7	346.3	608.7	909.7	1,252.8	1,641.6	2,165.9	2,763.6
1993	228.1	95.0	192.1	361.0	612.5	922.7	1,266.4	1,674.5	2,160.1	2,778.6
1992	227.4	99.7	196.8	362.9	616.7	936.6	1,250.5	1,681.2	2,169.9	2,764.4
1991	228.1	101.8	200.2	376.3	630.3	931.8	1,283.4	1,679.2	2,190.4	2,723.2
1990	227.7	101.8	208.8	381.9	634.5	927.9	1,304.6	1,719.3	2,171.3	2,715.1
1989	224.9	104.8	206.6	385.3	638.2	916.5	1,303.6	1,682.9	2,156.4	2,603.7
1988	222.8	104.9	213.4	391.3	638.3	911.0	1,293.7	1,672.5	2,136.3	2,560.7
1987	221.6	107.1	216.2	394.9	638.5	917.9	1,307.8	1,672.9	2,103.6	2,482.4
1986	219.8	108.1	215.9	393.9	627.9	917.0	1,304.4	1,667.5	2,111.0	2,469.3
1985	218.1	110.9	216.7	397.6	631.4	916.1	1,288.5	1,675.1	2,074.8	2,449.1
1984	215.8	108.4	223.3	402.7	618.4	918.0	1,284.4	1,661.8	2,063.5	2,460.3
1983	213.8	112.2	222.0	398.6	613.2	916.9	1,280.3	1,677.8	2,034.5	2,463.7
1982	211.7	114.3	224.7	392.5	613.8	927.4	1,259.3	1,665.5	2,020.6	2,439.4
1981	207.9	116.4	227.6	394.7	606.6	913.4	1,263.9	1,617.2	1,989.9	2,377.2
1980	208.7	118.4	229.5	391.9	620.7	921.5	1,274.3	1,648.5	2,014.5	2,375.6
1979	204.7	119.3	233.1	380.1	624.6	904.0	1,280.7	1,603.0	2,010.9	2,285.1
Malignant neoplasms (140-208)										
White, female										
1998	196.5	90.3	158.3	258.2	400.1	566.3	773.2	947.5	1,158.0	1,403.3
1997	197.5	94.1	165.3	272.2	409.2	568.0	771.7	947.5	1,149.5	1,409.8
1996	199.4	96.3	172.7	274.2	422.2	582.3	780.1	959.3	1,159.4	1,404.9
1995	200.6	101.5	176.8	284.5	421.0	590.5	786.2	971.8	1,151.8	1,405.4
1994	200.5	104.3	180.9	283.5	429.8	603.0	786.7	965.4	1,160.3	1,378.8
1993	199.8	105.6	181.3	288.4	436.4	598.1	779.2	963.5	1,140.5	1,399.2
1992	198.1	106.1	186.3	290.6	433.0	597.8	779.8	946.2	1,140.8	1,363.0
1991	197.4	112.9	188.1	306.6	438.0	595.4	763.9	947.2	1,113.2	1,376.1
1990	196.1	114.4	194.9	295.5	437.9	595.4	770.8	942.9	1,110.8	1,372.3
1989	194.2	111.3	195.5	305.5	440.6	590.9	767.3	925.3	1,097.3	1,348.3
1988	190.5	115.3	196.3	305.9	443.2	579.9	755.2	888.9	1,082.5	1,323.2
1987	187.9	117.2	200.0	303.3	441.4	578.9	744.3	889.4	1,050.7	1,308.3
1986	186.4	117.6	199.2	302.7	440.7	580.5	751.6	872.0	1,052.5	1,296.4
1985	184.4	121.8	203.2	308.5	443.8	572.9	729.6	864.1	1,049.8	1,285.4
1984	182.2	118.9	203.5	309.6	435.4	574.6	712.9	859.2	1,052.2	1,295.7
1983	178.2	118.0	201.7	308.5	430.6	560.8	707.7	836.5	1,030.6	1,284.9
1982	175.6	122.1	202.8	305.9	423.8	560.8	686.7	844.7	1,025.7	1,267.4
1981	172.0	122.6	205.1	304.0	414.7	549.7	674.9	833.7	1,025.2	1,259.7
1980	170.3	123.1	206.4	301.1	416.6	542.4	681.9	822.3	1,031.3	1,266.8
1979	165.1	123.2	208.3	295.7	409.8	523.6	657.6	799.4	1,027.2	1,207.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms (140-208)										
All other, both sexes										
1998	145.1	126.5	219.1	355.6	546.4	741.5	1,068.4	1,281.3	1,551.2	1,842.7
1997	147.7	126.6	218.0	366.3	564.8	767.0	1,105.8	1,302.8	1,563.5	1,950.6
1996	149.3	130.8	225.3	372.3	569.9	798.8	1,122.7	1,333.4	1,634.9	1,876.9
1995	151.6	131.9	240.1	379.1	602.9	812.0	1,140.7	1,324.5	1,662.7	1,901.1
1994	152.9	139.5	245.4	401.5	597.5	841.5	1,141.9	1,330.6	1,682.6	1,871.5
1993	155.5	145.1	258.3	409.4	609.2	861.7	1,149.4	1,373.1	1,677.9	1,933.7
1992	155.2	144.3	262.3	435.1	622.4	873.6	1,131.8	1,319.9	1,641.7	1,849.9
1991	157.5	149.2	268.6	438.7	625.3	884.0	1,137.9	1,357.3	1,712.0	1,888.2
1990	159.3	156.7	278.7	455.1	660.0	891.8	1,134.5	1,357.2	1,620.6	1,870.1
1989	157.8	155.8	279.6	447.8	646.2	901.4	1,135.0	1,351.8	1,559.6	1,795.7
1988	156.1	152.5	287.4	449.5	651.4	887.4	1,081.9	1,311.7	1,556.3	1,763.7
1987	155.8	156.1	292.5	444.6	660.9	866.9	1,093.4	1,285.1	1,588.0	1,720.4
1986	155.4	162.8	291.8	435.8	673.8	859.9	1,101.1	1,257.0	1,534.3	1,705.2
1985	155.6	160.1	296.5	470.4	677.7	832.2	1,111.9	1,241.2	1,596.8	1,641.3
1984	156.2	169.0	295.1	484.9	689.9	832.1	1,087.1	1,229.4	1,608.1	1,574.7
1983	154.1	173.1	296.0	473.4	672.0	818.0	1,105.8	1,235.0	1,540.8	1,513.9
1982	152.1	173.6	302.1	472.4	672.9	814.4	1,057.6	1,188.0	1,538.5	1,494.0
1981	150.5	173.1	303.4	469.8	650.5	816.4	1,042.0	1,162.3	1,519.1	1,480.5
1980	152.3	180.7	315.9	477.4	655.2	823.1	1,043.6	1,177.4	1,482.5	1,523.4
1979	149.4	184.8	319.3	459.9	657.2	801.7	1,019.1	1,144.5	1,363.4	1,361.5
Malignant neoplasms (140-208)										
All other, male										
1998	161.3	135.8	254.4	423.7	691.1	972.1	1,463.8	1,842.7	2,362.7	2,899.9
1997	164.9	135.1	252.5	453.9	718.0	1,007.2	1,525.4	1,871.5	2,331.7	3,076.8
1996	169.0	140.3	257.5	464.2	738.0	1,072.6	1,580.0	1,944.6	2,512.6	3,011.6
1995	171.4	135.7	277.6	459.0	780.2	1,093.9	1,610.4	1,940.3	2,531.6	3,090.0
1994	174.9	151.1	294.1	497.8	779.8	1,147.3	1,629.2	1,943.4	2,594.5	3,012.3
1993	179.2	160.1	301.8	515.6	806.9	1,176.5	1,645.1	2,023.4	2,630.3	3,144.9
1992	178.6	156.2	308.1	545.2	819.1	1,188.5	1,626.7	1,990.6	2,569.0	2,946.4
1991	182.1	166.9	325.8	562.0	811.8	1,228.8	1,614.9	2,016.5	2,652.0	2,971.3
1990	186.8	174.9	333.6	574.6	890.9	1,241.3	1,655.2	2,069.4	2,491.8	2,971.7
1989	186.8	175.2	344.3	593.8	866.6	1,238.2	1,679.1	2,040.5	2,434.7	2,790.1
1988	183.5	172.1	352.0	565.4	871.5	1,238.7	1,578.1	1,999.5	2,319.7	2,703.8
1987	183.9	168.9	348.2	566.9	879.6	1,235.8	1,603.9	1,949.8	2,455.4	2,661.0
1986	184.0	179.3	346.7	555.0	909.3	1,213.8	1,614.8	1,906.2	2,358.3	2,597.3
1985	186.2	179.9	368.3	608.2	909.4	1,180.5	1,636.3	1,848.5	2,470.2	2,476.7
1984	188.0	191.6	358.5	634.9	941.7	1,171.0	1,612.2	1,834.7	2,412.9	2,386.1
1983	185.4	199.4	356.3	611.5	925.1	1,153.9	1,606.1	1,835.0	2,400.0	2,226.1
1982	183.7	197.9	378.5	607.0	911.6	1,156.6	1,540.8	1,740.3	2,310.6	2,337.3
1981	182.6	206.5	373.2	596.6	890.1	1,174.4	1,516.6	1,702.2	2,265.9	2,235.9
1980	184.1	201.5	390.5	619.1	875.6	1,184.4	1,462.7	1,728.0	2,241.1	2,307.4
1979	181.4	209.1	395.2	598.0	879.7	1,125.8	1,445.5	1,608.2	2,084.9	2,093.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms (140-208)										
All other, female										
1998	130.2	118.5	188.9	298.6	429.9	569.0	799.1	922.8	1,121.2	1,399.6
1997	132.0	119.3	188.5	293.1	442.3	588.0	819.4	942.9	1,157.8	1,475.8
1996	131.2	122.6	197.7	295.8	436.8	594.9	810.3	949.4	1,168.4	1,397.7
1995	133.4	128.6	208.0	312.8	463.7	602.6	819.3	939.8	1,200.6	1,394.5
1994	132.7	129.6	203.9	322.3	455.2	614.8	807.4	951.8	1,193.1	1,382.5
1993	133.7	132.3	221.2	322.3	456.2	629.2	806.8	974.3	1,158.6	1,410.5
1992	133.7	134.2	223.3	345.3	471.0	640.6	792.0	909.0	1,130.1	1,370.6
1991	135.0	134.0	219.9	338.8	482.4	629.0	811.5	950.1	1,192.3	1,408.8
1990	134.2	141.0	232.0	359.2	484.3	633.3	779.9	915.3	1,129.0	1,369.4
1989	131.4	139.1	225.0	330.2	478.1	649.8	762.8	921.1	1,067.5	1,327.8
1988	131.2	135.4	232.8	356.3	481.6	625.6	742.6	873.8	1,110.8	1,324.3
1987	130.2	145.1	246.2	346.2	491.9	592.0	744.3	859.8	1,092.3	1,276.1
1986	129.3	148.7	246.0	339.9	492.0	595.4	748.5	840.1	1,063.5	1,276.3
1985	127.7	143.3	237.8	358.9	496.3	569.9	747.6	842.7	1,092.2	1,234.7
1984	127.4	149.8	242.8	362.4	492.9	577.5	722.3	827.3	1,135.5	1,171.7
1983	125.7	150.6	247.2	361.0	471.9	565.5	754.3	833.0	1,035.8	1,160.4
1982	123.4	153.1	240.2	362.3	482.9	557.5	706.7	817.9	1,086.0	1,069.2
1981	121.4	145.1	247.4	364.9	457.9	545.6	692.2	797.1	1,066.0	1,088.2
1980	123.6	163.4	255.3	359.9	478.5	546.5	731.0	802.3	1,016.4	1,121.9
1979	120.4	164.9	257.5	344.8	477.2	551.3	692.8	805.0	913.8	994.7
Malignant neoplasms (140-208)										
Black, both sexes										
1998	171.9	152.7	268.3	430.5	657.1	863.0	1,241.5	1,439.0	1,715.4	1,970.2
1997	175.2	151.3	267.3	442.4	675.9	892.0	1,291.6	1,461.3	1,706.5	2,084.8
1996	176.6	155.9	275.0	449.7	678.6	931.2	1,295.5	1,482.3	1,769.2	1,991.7
1995	179.0	159.2	288.9	455.3	711.5	943.4	1,321.8	1,464.9	1,794.7	1,990.9
1994	180.2	168.8	294.8	480.8	701.7	966.0	1,313.9	1,455.4	1,819.2	1,969.1
1993	183.5	175.9	313.6	482.7	713.2	992.8	1,309.1	1,507.1	1,803.0	2,025.0
1992	182.6	174.1	312.5	514.4	720.7	1,000.6	1,276.1	1,440.6	1,764.8	1,935.7
1991	185.1	178.9	319.0	513.5	724.2	1,011.0	1,270.7	1,476.6	1,844.7	1,973.7
1990	187.2	187.4	329.3	535.0	766.5	1,010.6	1,261.8	1,470.0	1,735.1	1,969.2
1989	184.3	185.7	331.1	521.0	738.7	1,021.2	1,249.4	1,468.5	1,656.7	1,874.1
1988	181.6	177.6	335.2	512.5	743.6	1,003.3	1,196.0	1,424.5	1,640.8	1,840.7
1987	180.8	182.1	344.3	506.8	762.2	970.5	1,205.3	1,388.6	1,681.0	1,800.5
1986	179.6	191.2	337.7	497.9	764.7	962.9	1,213.2	1,358.3	1,614.5	1,778.6
1985	178.2	186.0	341.5	533.4	761.2	920.7	1,209.2	1,326.0	1,676.3	1,711.8
1984	178.2	197.0	335.1	546.7	773.3	914.4	1,182.7	1,321.0	1,696.6	1,627.9
1983	175.0	197.2	334.1	531.4	751.2	898.1	1,203.6	1,325.8	1,624.7	1,553.8
1982	172.0	196.9	338.6	530.0	743.6	884.9	1,149.5	1,270.9	1,636.2	1,554.5
1981	168.9	195.9	339.3	525.9	713.5	885.6	1,122.9	1,229.6	1,608.6	1,536.3
1980	169.1	203.1	350.5	526.8	713.4	881.0	1,119.1	1,244.6	1,561.6	1,571.1
1979	163.4	206.2	350.4	500.7	706.9	851.4	1,081.5	1,177.5	1,396.5	1,399.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms (140-208)										
Black, male										
1998	192.4	166.0	318.2	528.1	847.8	1,139.2	1,735.5	2,129.4	2,748.2	3,278.1
1997	196.9	162.4	315.5	555.8	875.4	1,185.1	1,825.9	2,156.9	2,670.1	3,481.2
1996	201.9	171.1	325.9	576.4	892.9	1,256.8	1,861.6	2,229.5	2,879.2	3,358.7
1995	204.8	167.9	345.8	566.8	939.3	1,278.1	1,909.5	2,205.3	2,887.6	3,395.5
1994	208.4	186.8	363.7	611.8	927.1	1,323.9	1,919.7	2,206.3	2,948.9	3,326.4
1993	213.8	197.5	376.2	625.8	960.0	1,372.2	1,919.1	2,294.2	2,948.7	3,445.5
1992	212.2	194.8	375.8	657.9	959.4	1,375.8	1,875.9	2,237.9	2,885.0	3,214.4
1991	216.7	207.4	400.5	676.3	952.9	1,420.5	1,846.5	2,264.2	2,979.1	3,234.1
1990	221.9	217.7	405.8	691.7	1,043.4	1,423.8	1,884.8	2,301.7	2,799.2	3,238.3
1989	220.6	214.8	421.0	704.1	990.9	1,432.2	1,889.3	2,291.0	2,704.1	3,040.9
1988	215.7	208.3	422.8	654.7	1,008.4	1,422.7	1,784.0	2,237.3	2,571.3	2,929.2
1987	215.8	200.5	418.0	656.8	1,028.1	1,410.7	1,811.2	2,165.7	2,666.3	2,867.2
1986	214.5	218.6	407.8	643.1	1,045.3	1,373.8	1,814.1	2,115.7	2,504.4	2,787.3
1985	214.9	212.7	432.9	690.3	1,034.4	1,326.5	1,823.2	2,014.7	2,649.4	2,629.0
1984	216.4	228.9	412.1	720.8	1,071.6	1,308.0	1,786.5	2,019.8	2,636.9	2,552.5
1983	212.2	234.6	406.2	691.4	1,040.7	1,286.0	1,782.4	2,006.1	2,580.5	2,330.0
1982	209.4	231.6	429.4	687.8	1,016.1	1,272.2	1,717.8	1,900.0	2,475.0	2,477.6
1981	206.4	237.8	421.3	671.8	984.9	1,293.4	1,672.8	1,850.0	2,444.2	2,341.1
1980	205.5	229.7	438.5	688.8	962.4	1,287.7	1,600.7	1,862.7	2,369.8	2,393.9
1979	199.5	237.0	437.6	658.8	958.6	1,216.9	1,574.8	1,694.4	2,123.4	2,186.5
Malignant neoplasms (140-208)										
Black, female										
1998	153.4	141.3	226.2	351.2	507.8	658.4	916.1	1,020.3	1,212.5	1,476.9
1997	155.6	141.8	226.8	350.6	520.2	674.9	940.1	1,042.2	1,240.7	1,553.0
1996	153.7	143.0	232.5	347.7	512.0	689.5	924.2	1,034.6	1,229.7	1,468.9
1995	155.8	151.8	241.6	365.7	534.8	695.1	937.2	1,023.7	1,262.9	1,446.2
1994	154.8	153.6	237.6	376.2	527.2	701.0	916.6	1,014.2	1,262.4	1,438.2
1993	156.2	157.8	261.7	368.4	523.3	714.8	904.7	1,050.7	1,229.0	1,462.2
1992	156.0	156.6	260.1	400.0	538.1	726.6	879.9	980.2	1,196.6	1,420.4
1991	156.7	154.9	252.0	384.2	549.9	713.4	890.8	1,017.3	1,268.7	1,456.0
1990	156.1	162.0	266.7	410.9	557.4	712.0	852.5	982.5	1,184.1	1,431.3
1989	151.8	161.2	257.4	375.2	547.3	723.5	830.6	982.1	1,107.6	1,383.0
1988	150.9	152.0	262.8	399.0	542.4	699.0	806.1	938.5	1,149.4	1,365.8
1987	149.5	166.8	283.9	387.4	559.2	649.6	802.9	918.0	1,150.9	1,326.4
1986	148.3	168.5	280.5	380.9	550.8	661.8	813.6	894.7	1,129.1	1,318.1
1985	145.2	163.8	266.7	406.1	550.3	622.9	803.2	897.1	1,140.5	1,284.2
1984	143.9	170.6	271.5	404.4	542.3	624.1	779.6	882.3	1,177.0	1,190.7
1983	141.6	166.2	275.5	401.2	527.1	612.5	814.7	887.3	1,084.1	1,178.2
1982	138.5	168.6	264.9	401.4	530.2	599.3	758.8	872.5	1,150.0	1,100.8
1981	135.2	161.1	272.8	407.1	499.4	586.5	738.6	827.9	1,121.2	1,123.9
1980	136.5	181.3	279.5	394.4	516.1	578.1	776.5	842.3	1,077.1	1,159.9
1979	130.9	180.8	279.1	370.8	506.8	578.1	726.4	819.9	945.2	1,005.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
All races, both sexes										
1998	2.9	2.3	3.7	6.9	8.5	10.7	12.5	13.3	16.7	21.8
1997	2.9	2.4	4.0	6.0	9.0	11.6	13.1	13.1	16.1	20.1
1996	2.9	2.3	3.8	6.9	9.5	11.5	12.7	13.8	15.8	19.9
1995	3.0	2.2	4.6	7.0	9.4	12.1	13.3	14.2	16.6	22.0
1994	3.0	2.5	4.5	7.1	9.9	12.3	12.4	15.1	16.1	19.7
1993	3.2	2.7	5.1	7.3	10.7	12.8	13.4	14.9	17.1	20.6
1992	3.2	2.5	4.7	7.8	10.8	12.4	14.3	15.3	16.2	21.0
1991	3.3	2.7	5.1	8.1	11.3	12.6	14.4	16.5	17.1	21.0
1990	3.4	2.6	5.0	8.4	11.9	13.0	15.4	16.3	18.1	23.1
1989	3.3	2.8	5.0	9.2	11.5	12.7	14.8	15.1	16.2	20.1
1988	3.4	2.8	5.9	8.6	11.4	13.1	15.3	16.0	17.3	20.0
1987	3.3	3.0	5.3	8.7	11.3	13.3	15.0	15.0	16.4	20.8
1986	3.5	3.3	5.4	8.6	12.2	14.0	15.7	15.6	17.3	23.1
1985	3.5	3.3	5.4	9.0	11.8	14.7	16.2	16.2	16.7	20.8
1984	3.6	3.1	6.3	9.5	12.9	14.6	16.0	15.8	18.3	21.6
1983	3.6	3.4	5.8	9.8	12.8	15.0	15.9	17.1	16.7	23.0
1982	3.7	3.3	6.4	9.7	13.0	15.6	15.5	17.1	20.0	23.1
1981	3.7	3.3	6.6	10.1	13.3	15.6	17.6	16.2	17.0	23.7
1980	3.8	3.5	7.0	10.3	13.1	15.7	16.4	16.9	21.1	23.3
1979	3.8	3.6	7.4	10.0	14.0	15.6	17.2	17.4	19.1	23.7
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
All races, male										
1998	3.9	3.9	5.7	10.8	13.2	16.5	19.4	20.5	24.6	31.0
1997	3.9	3.7	6.4	9.5	13.9	17.7	20.6	19.4	22.8	29.4
1996	4.0	3.8	6.2	10.8	14.8	18.1	19.8	20.3	22.7	29.9
1995	4.1	3.4	7.5	10.8	14.4	18.5	19.9	21.8	25.7	33.9
1994	4.1	4.0	7.5	11.2	15.7	18.1	17.8	22.6	25.2	29.8
1993	4.3	4.3	8.0	11.7	16.7	19.6	20.5	22.8	27.7	30.9
1992	4.3	3.8	7.5	12.7	16.9	18.8	22.0	22.8	24.5	32.5
1991	4.4	4.5	8.0	12.7	16.7	19.6	21.8	25.6	25.8	31.8
1990	4.6	4.4	7.8	13.2	19.2	20.3	23.0	24.4	29.1	37.4
1989	4.4	4.5	7.7	13.9	18.0	19.5	22.6	23.1	25.9	29.4
1988	4.6	4.5	9.2	13.7	17.7	20.3	23.1	24.6	28.7	33.6
1987	4.5	4.6	7.9	13.5	17.7	21.0	23.2	23.7	26.0	31.5
1986	4.7	5.2	8.1	13.1	18.4	21.3	24.4	24.3	30.3	37.4
1985	4.9	5.2	8.5	14.1	18.0	22.2	26.7	27.3	28.1	32.7
1984	5.0	4.7	9.9	15.0	19.5	22.2	26.7	25.6	32.7	36.3
1983	5.1	5.4	8.8	15.2	19.2	24.0	26.1	29.0	27.9	38.7
1982	5.2	4.9	9.8	15.3	19.7	25.0	25.5	28.2	35.0	40.4
1981	5.2	5.3	10.0	15.7	19.6	24.9	29.5	27.6	28.9	37.8
1980	5.4	5.4	10.8	16.3	19.9	24.4	26.8	29.7	34.5	40.2
1979	5.4	5.6	11.3	15.1	21.2	24.7	29.2	28.5	31.9	38.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
All races, female										
1998	1.9	0.9	1.7	3.2	4.2	5.7	7.1	8.4	12.2	18.1
1997	1.9	1.1	1.7	2.7	4.6	6.5	7.4	8.8	12.2	16.4
1996	1.9	0.8	1.6	3.3	4.8	5.8	7.3	9.3	11.8	16.1
1995	2.0	0.9	1.8	3.5	5.0	6.8	8.1	9.1	11.6	17.4
1994	2.0	1.1	1.7	3.3	4.7	7.5	8.3	10.0	11.1	15.8
1993	2.1	1.2	2.3	3.3	5.4	7.2	7.9	9.6	11.4	16.6
1992	2.1	1.2	2.1	3.3	5.4	7.1	8.5	10.4	11.7	16.5
1991	2.2	1.1	2.3	3.9	6.6	6.9	8.8	10.5	12.4	16.9
1990	2.2	1.0	2.3	4.0	5.4	7.1	9.8	11.1	12.2	17.5
1989	2.2	1.2	2.5	4.9	5.9	7.2	9.0	9.9	11.1	16.6
1988	2.2	1.2	2.7	4.0	6.0	7.3	9.6	10.4	11.3	14.7
1987	2.1	1.4	2.8	4.4	5.8	7.0	9.0	9.5	11.4	16.6
1986	2.3	1.4	2.9	4.5	6.9	8.0	9.4	10.2	10.4	17.5
1985	2.2	1.6	2.5	4.3	6.5	8.5	8.6	9.3	10.7	16.0
1984	2.2	1.6	2.9	4.6	7.2	8.5	8.3	9.6	10.8	15.6
1983	2.2	1.6	2.9	5.0	7.4	7.7	8.6	9.7	10.8	16.5
1982	2.2	1.9	3.2	4.8	7.1	8.0	8.2	10.2	12.0	15.9
1981	2.3	1.4	3.4	5.2	7.7	8.2	9.0	9.1	10.7	17.6
1980	2.3	1.7	3.4	4.9	7.3	8.8	8.8	8.9	13.9	16.0
1979	2.3	1.7	3.9	5.4	7.9	8.3	8.4	10.4	12.3	17.0
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
White, both sexes										
1998	2.9	1.8	3.2	6.2	8.0	10.2	12.1	13.3	16.8	22.3
1997	2.9	1.9	3.3	5.3	8.2	11.2	12.7	13.0	16.5	20.4
1996	2.9	1.8	3.2	5.9	8.9	11.0	12.2	13.6	16.0	20.5
1995	3.0	1.7	3.7	6.1	8.2	11.6	12.9	13.9	16.6	22.7
1994	3.0	1.8	3.7	6.1	9.1	11.5	12.1	15.1	16.3	20.0
1993	3.1	2.3	3.8	6.3	9.8	12.1	13.2	14.8	17.0	20.9
1992	3.1	2.0	3.8	6.7	9.7	11.7	14.1	15.4	16.4	21.9
1991	3.2	2.0	4.1	6.9	10.5	12.0	14.0	16.4	17.3	21.7
1990	3.3	1.9	4.1	7.2	10.8	12.1	15.1	16.6	17.9	23.5
1989	3.2	2.0	4.0	8.0	10.7	12.0	14.7	15.1	16.6	20.7
1988	3.3	2.0	4.7	7.7	10.7	12.6	15.2	16.2	17.3	20.6
1987	3.3	2.2	4.3	7.6	10.6	13.1	14.9	15.0	16.7	21.4
1986	3.4	2.4	4.1	7.8	11.3	13.6	15.5	15.5	17.4	23.0
1985	3.4	2.5	4.4	8.0	11.0	14.3	16.3	16.1	16.7	21.6
1984	3.5	2.2	5.2	8.4	12.0	14.5	15.6	15.9	18.4	22.3
1983	3.5	2.4	4.5	8.7	12.1	14.8	15.7	17.2	16.9	23.6
1982	3.6	2.4	5.2	8.6	12.2	15.5	15.4	17.2	20.0	23.9
1981	3.6	2.4	5.5	9.0	12.6	15.6	17.6	16.3	16.8	24.1
1980	3.7	2.5	5.6	9.3	12.3	15.4	16.3	17.2	21.2	23.8
1979	3.8	2.7	6.1	8.8	13.7	15.6	17.4	17.7	19.4	24.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
White, male										
1998	3.8	3.0	4.9	9.6	12.0	15.9	18.3	20.4	24.2	31.0
1997	3.8	2.8	5.1	8.3	12.5	16.9	19.6	18.8	23.1	29.5
1996	3.8	2.9	5.0	9.0	13.6	16.8	18.6	19.8	22.8	30.4
1995	3.9	2.6	5.9	9.2	12.5	17.5	19.3	21.0	25.2	34.6
1994	3.9	2.8	6.0	9.4	14.2	16.6	17.1	22.3	25.4	30.9
1993	4.1	3.6	5.9	9.9	15.0	18.0	19.9	22.5	26.8	31.5
1992	4.1	2.9	5.9	10.6	14.7	17.4	21.2	22.4	24.2	34.2
1991	4.2	3.1	6.3	10.6	15.4	18.5	21.1	25.0	26.2	33.5
1990	4.4	3.1	6.2	11.0	17.3	18.5	22.4	24.2	28.2	38.3
1989	4.2	3.2	6.0	11.6	16.5	18.0	21.9	22.8	26.1	30.1
1988	4.4	3.1	7.1	12.2	16.2	19.1	22.6	24.5	28.2	34.7
1987	4.3	3.3	6.3	11.6	16.4	20.3	22.5	23.3	26.0	33.0
1986	4.5	3.8	5.9	11.7	16.5	20.3	24.0	24.2	30.3	36.8
1985	4.7	3.8	6.7	12.4	16.1	21.3	26.7	26.8	28.0	34.0
1984	4.8	3.2	8.0	13.0	17.5	21.4	25.4	25.6	32.2	38.1
1983	4.9	3.8	6.8	13.0	17.6	23.3	25.5	28.9	28.0	39.7
1982	5.0	3.4	7.6	13.3	18.4	24.5	24.9	28.7	35.5	42.0
1981	5.0	3.8	8.2	13.6	18.3	24.4	29.3	27.5	28.7	38.3
1980	5.1	3.8	8.7	14.0	18.3	23.4	26.3	30.1	34.4	40.8
1979	5.2	4.1	9.1	13.2	20.4	24.6	29.3	29.0	32.4	39.1
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
White, female										
1998	2.0	0.7	1.5	3.1	4.3	5.3	7.3	8.4	12.5	18.8
1997	2.0	1.0	1.5	2.4	4.3	6.2	7.4	9.0	12.6	16.8
1996	2.0	0.6	1.4	2.9	4.6	6.0	7.2	9.3	12.1	16.7
1995	2.1	0.7	1.6	3.1	4.3	6.6	8.0	9.1	11.7	18.2
1994	2.1	0.9	1.5	2.9	4.5	7.2	8.2	10.1	11.4	15.9
1993	2.1	1.0	1.8	2.9	5.2	7.2	8.0	9.8	11.7	16.8
1992	2.2	1.0	1.8	3.1	5.1	7.0	8.7	10.7	12.2	17.3
1991	2.2	0.9	2.1	3.5	6.1	6.7	8.7	10.7	12.7	17.3
1990	2.3	0.6	2.1	3.5	5.1	6.9	9.7	11.7	12.5	17.9
1989	2.3	0.9	2.1	4.7	5.6	7.0	9.4	10.1	11.5	17.1
1988	2.2	0.8	2.5	3.6	5.9	7.2	9.7	10.9	11.7	15.1
1987	2.2	1.2	2.4	4.0	5.5	7.2	9.2	9.8	11.9	17.0
1986	2.3	1.0	2.4	4.2	6.7	8.0	9.3	10.1	10.6	17.7
1985	2.3	1.3	2.2	4.0	6.5	8.5	8.8	9.5	10.8	16.7
1984	2.3	1.3	2.6	4.3	7.2	8.8	8.5	9.9	11.3	16.1
1983	2.3	1.1	2.3	4.8	7.3	8.0	8.6	9.8	11.1	17.1
1982	2.3	1.4	2.9	4.3	6.8	8.2	8.5	10.0	12.0	16.4
1981	2.3	1.1	3.0	4.9	7.5	8.5	9.2	9.2	10.6	18.2
1980	2.4	1.4	2.8	5.0	7.2	9.0	9.0	9.2	14.3	16.5
1979	2.4	1.4	3.3	4.9	7.9	8.4	8.8	10.8	12.5	18.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
All other, both sexes										
1998	2.7	4.9	6.5	10.7	11.6	13.8	15.4	13.5	15.9	17.1
1997	2.9	4.9	8.3	10.3	14.1	14.9	16.3	14.1	12.2	17.0
1996	3.0	5.0	7.8	13.3	13.6	15.0	17.3	15.4	13.2	14.4
1995	3.2	4.9	10.1	13.1	17.4	15.6	16.5	16.9	17.0	14.7
1994	3.2	6.3	9.4	13.5	15.2	18.3	15.3	15.1	13.9	16.3
1993	3.4	5.6	12.4	13.9	16.4	18.0	14.8	15.3	18.3	17.6
1992	3.4	6.0	10.2	14.8	18.9	17.4	16.5	14.6	14.5	10.9
1991	3.5	7.3	10.7	15.8	17.5	16.9	17.2	17.6	14.0	13.3
1990	3.7	7.5	10.6	16.6	19.8	20.2	17.8	13.3	19.5	18.4
1989	3.6	7.7	11.6	17.0	17.8	19.3	15.4	15.1	12.9	14.5
1988	3.6	8.1	13.2	14.9	16.9	17.9	16.8	14.0	17.5	14.1
1987	3.4	7.6	11.5	16.6	17.0	14.9	16.1	14.3	13.3	13.8
1986	3.8	8.5	13.8	14.5	20.0	17.5	17.8	16.6	16.2	24.2
1985	3.8	8.4	12.2	16.4	19.0	18.1	15.4	17.1	17.3	11.7
1984	3.9	8.8	13.4	17.7	20.8	15.9	19.9	14.2	17.2	13.4
1983	4.1	10.0	14.6	18.9	19.2	16.5	18.1	16.9	14.5	15.9
1982	4.1	9.5	15.0	18.8	19.6	16.4	16.3	16.4	19.0	14.5
1981	4.1	9.3	14.6	19.3	19.5	15.9	17.2	15.6	19.1	18.4
1980	4.3	10.3	17.2	19.0	19.7	18.7	17.4	13.8	19.6	18.4
1979	4.2	9.8	17.9	19.6	17.3	15.5	15.2	14.3	16.5	14.9
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
All other, male										
1998	4.2	8.8	10.6	19.1	21.0	21.0	28.7	21.5	28.6	30.7
1997	4.4	8.7	14.7	17.4	23.6	23.5	29.4	24.2	19.6	29.1
1996	4.6	8.8	13.7	22.3	23.2	28.4	31.1	25.6	21.5	25.2
1995	4.9	8.2	18.2	21.2	28.3	26.2	26.3	29.6	30.5	27.1
1994	4.9	11.3	17.4	23.5	26.9	30.0	24.8	25.4	23.1	*
1993	5.4	9.4	21.3	24.1	29.1	32.6	26.6	26.5	36.3	24.9
1992	5.3	10.1	17.8	27.3	33.7	30.2	29.9	25.9	27.7	*
1991	5.4	13.3	19.4	27.3	27.0	28.6	28.1	31.7	22.1	*
1990	5.9	12.6	18.5	28.8	35.3	35.9	29.1	25.9	38.0	29.5
1989	5.6	13.2	19.1	30.3	30.6	33.1	29.7	25.7	24.0	*
1988	5.7	13.6	23.5	25.0	30.2	31.7	28.3	25.6	34.2	*
1987	5.4	13.5	19.1	28.5	28.6	27.2	29.0	27.4	25.9	*
1986	5.9	14.3	23.5	24.4	35.1	30.5	28.3	25.2	30.6	42.7
1985	6.0	14.5	21.7	28.2	35.6	30.9	27.0	32.0	28.8	*
1984	6.4	15.1	23.4	31.3	37.3	29.7	38.9	25.7	37.6	*
1983	6.5	16.6	24.1	33.3	33.7	30.3	32.1	30.5	26.8	29.0
1982	6.4	15.3	27.0	31.7	32.2	29.4	31.5	23.6	29.8	*
1981	6.4	16.7	24.5	34.0	31.5	29.4	30.7	28.0	30.8	32.8
1980	7.1	18.1	28.3	36.7	34.6	33.5	30.9	25.7	35.5	34.6
1979	6.6	16.8	30.1	32.1	28.9	25.8	28.4	24.5	26.7	35.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
All other, female										
1998	1.4	1.5	2.9	3.7	4.0	8.5	6.4	8.3	9.2	11.4
1997	1.5	1.7	2.9	4.4	6.4	8.4	7.4	7.7	8.2	11.9
1996	1.4	1.8	2.8	5.8	6.0	5.0	7.9	8.9	8.8	9.8
1995	1.7	2.1	3.1	6.4	8.9	7.8	9.7	9.0	9.8	9.4
1994	1.6	2.0	2.6	5.3	6.1	9.6	8.8	8.7	8.9	14.8
1993	1.6	2.3	4.8	5.6	6.7	7.3	6.7	8.4	8.5	14.5
1992	1.6	2.5	3.8	4.6	7.4	7.9	7.3	7.7	*	*
1991	1.8	2.2	3.3	6.5	10.1	8.2	9.8	9.0	9.6	12.0
1990	1.8	3.0	4.0	6.8	7.9	8.5	10.0	5.5	9.1	13.4
1989	1.8	2.9	5.3	6.3	8.0	9.0	5.6	8.5	*	*
1988	1.7	3.4	4.5	6.7	6.7	7.6	9.0	6.6	*	*
1987	1.6	2.6	5.1	7.0	8.0	5.7	7.3	6.0	*	12.3
1986	2.0	3.5	5.8	6.4	8.3	7.8	10.6	11.1	*	15.4
1985	1.8	3.1	4.3	6.9	6.0	8.6	7.4	7.3	*	*
1984	1.7	3.5	5.1	6.7	7.9	5.6	6.8	6.6	*	*
1983	1.9	4.4	6.8	7.2	7.8	6.0	8.2	7.8	*	*
1982	2.0	4.6	5.1	8.3	9.5	6.7	5.2	11.6	12.7	*
1981	1.9	3.1	6.5	7.1	9.8	5.6	7.2	7.3	*	*
1980	1.8	3.8	8.2	4.4	7.9	7.3	7.3	*	*	*
1979	2.0	4.1	7.9	9.2	7.9	7.6	*	*	*	*
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
Black, both sexes										
1998	3.2	6.0	8.0	12.9	14.3	16.7	18.1	15.9	15.4	17.4
1997	3.3	5.4	10.2	13.0	16.5	16.9	19.1	15.5	11.9	17.6
1996	3.4	5.8	10.1	16.3	15.6	18.1	19.4	16.1	12.1	14.2
1995	3.8	5.7	12.1	16.0	20.8	18.6	18.4	17.9	18.3	14.4
1994	3.7	7.8	11.6	16.7	18.0	20.8	17.2	15.6	13.3	16.5
1993	3.9	6.6	15.4	16.6	19.0	20.1	16.4	17.0	19.1	15.5
1992	3.9	7.5	12.1	18.2	22.1	19.4	19.4	16.0	11.6	11.3
1991	4.1	8.9	12.5	18.8	20.4	19.1	19.4	18.9	14.1	13.1
1990	4.3	8.9	12.9	19.8	22.9	22.4	19.0	13.6	19.1	18.0
1989	4.2	9.6	14.1	19.8	20.5	21.5	16.7	15.9	11.7	14.5
1988	4.2	9.7	15.5	17.5	20.4	19.8	17.8	15.2	16.5	14.0
1987	4.0	8.6	14.1	19.1	20.0	15.9	17.7	14.9	13.7	13.9
1986	4.5	10.5	16.5	17.1	22.6	19.1	18.6	17.4	15.7	25.9
1985	4.4	10.3	14.8	19.2	21.5	20.3	16.2	17.6	15.1	10.8
1984	4.4	10.4	15.1	20.3	22.6	17.6	20.8	14.8	17.8	13.2
1983	4.6	11.7	16.5	21.1	21.9	17.7	19.3	17.3	15.4	16.3
1982	4.6	10.5	17.4	21.4	22.2	17.7	17.0	16.2	19.3	13.1
1981	4.5	10.6	16.6	21.6	20.9	16.8	17.2	15.9	19.1	17.9
1980	4.8	11.8	19.3	21.0	21.8	19.9	19.3	14.4	20.0	17.6
1979	4.6	10.8	19.8	21.7	18.8	17.1	15.7	14.4	14.9	16.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
Black, male										
1998	5.0	11.1	13.8	23.4	27.3	25.1	34.8	26.3	26.1	32.3
1997	5.1	9.8	18.0	22.5	28.1	26.8	35.4	27.4	19.1	33.2
1996	5.5	10.1	18.4	28.2	27.1	34.8	34.5	30.7	22.2	25.1
1995	5.8	9.6	22.4	26.2	34.5	30.9	31.6	33.4	35.5	25.7
1994	5.8	14.3	21.9	30.4	31.7	34.5	29.2	27.0	25.3	*
1993	6.3	11.6	26.9	29.8	33.7	37.0	29.2	30.3	39.1	*
1992	6.3	13.1	21.9	33.7	39.3	33.5	35.3	29.8	22.6	*
1991	6.3	16.2	22.9	32.9	32.7	32.4	33.5	33.4	22.9	*
1990	6.9	15.8	22.8	35.7	40.9	40.2	31.6	28.5	40.7	30.2
1989	6.6	16.6	23.1	35.3	35.6	38.9	33.3	28.1	24.7	*
1988	6.7	16.3	28.2	29.6	36.4	36.4	30.8	30.5	36.2	*
1987	6.2	15.2	23.8	32.3	33.8	28.5	32.5	30.3	28.3	*
1986	7.0	18.4	28.5	29.6	39.5	32.7	30.2	27.3	32.2	47.6
1985	7.0	18.1	26.5	33.3	41.4	35.4	28.9	33.5	24.1	*
1984	7.4	18.6	26.4	35.7	41.4	33.2	41.6	28.1	40.5	*
1983	7.5	20.1	28.0	37.6	39.0	34.0	34.8	32.7	30.5	*
1982	7.3	17.2	31.4	36.2	37.0	32.9	33.9	22.4	32.5	*
1981	7.2	19.1	27.6	38.6	34.4	31.2	32.6	30.4	31.2	*
1980	8.0	21.1	32.2	41.0	39.1	35.8	34.9	26.8	36.0	*
1979	7.2	18.3	33.2	35.7	31.7	29.3	30.1	24.2	*	38.5
Malignant neoplasms of lip, oral cavity and pharynx (140-149)										
Black, female										
1998	1.6	1.7	3.1	4.4	4.1	10.5	7.1	9.6	10.1	11.7
1997	1.7	1.8	3.5	5.3	7.5	9.6	8.4	8.3	*	11.7
1996	1.6	2.1	3.2	6.8	6.7	5.7	9.4	7.2	*	10.1
1995	2.0	2.4	3.6	7.9	10.2	9.5	9.8	8.7	10.0	10.0
1994	1.8	2.3	3.1	5.8	7.4	10.7	9.3	8.9	*	14.6
1993	1.9	2.4	5.8	6.1	7.7	7.7	8.0	9.3	*	11.9
1992	1.8	2.7	4.0	5.7	8.9	9.1	8.8	8.0	*	*
1991	2.1	2.8	3.9	7.7	10.9	9.4	10.1	10.4	*	*
1990	1.9	3.1	4.8	7.2	9.4	9.6	10.6	*	*	12.8
1989	2.0	3.7	6.7	7.4	9.1	8.9	5.8	8.6	*	*
1988	1.9	4.2	5.1	7.9	8.2	7.8	9.2	*	*	*
1987	1.9	3.1	6.2	8.5	9.5	6.7	7.9	*	*	*
1986	2.2	3.9	6.7	7.0	9.6	9.2	10.9	11.4	*	15.9
1985	2.0	3.8	5.2	7.8	6.2	9.3	7.8	7.7	*	*
1984	1.8	3.6	5.9	7.7	8.0	6.1	6.8	*	*	*
1983	2.1	4.7	7.1	7.7	8.7	5.7	8.9	*	*	*
1982	2.2	5.0	6.1	9.3	10.7	6.4	*	12.4	*	*
1981	2.1	3.6	7.7	7.8	10.3	6.2	6.4	*	*	*
1980	2.0	4.3	8.9	4.5	8.0	8.1	8.2	*	*	*
1979	2.2	4.6	8.9	10.2	8.5	8.0	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of esophagus (150)										
All races, both sexes										
1998	4.3	2.6	5.0	8.5	13.2	17.8	22.6	24.9	24.8	25.7
1997	4.1	2.3	4.8	9.2	13.4	17.7	21.8	23.3	23.4	24.2
1996	4.2	2.4	4.9	8.6	14.0	17.8	21.7	23.5	24.7	24.0
1995	4.1	2.3	4.9	8.8	13.4	18.0	21.5	23.0	25.4	22.2
1994	4.1	2.7	5.1	8.5	14.0	17.9	21.7	21.8	24.6	23.8
1993	4.0	2.4	5.1	9.1	14.4	17.3	20.2	22.2	22.3	22.7
1992	4.0	2.4	5.2	8.9	13.8	17.9	20.6	21.3	22.5	22.1
1991	3.9	2.1	5.2	9.8	13.9	18.0	19.4	21.0	21.0	22.9
1990	3.9	2.5	5.5	9.0	13.7	17.4	19.8	20.8	21.1	22.8
1989	3.9	2.6	5.3	9.4	13.1	17.8	19.4	21.0	21.2	21.0
1988	3.8	2.4	5.7	9.3	13.4	16.9	18.6	20.4	20.5	22.6
1987	3.8	2.5	5.5	9.5	13.7	16.7	19.0	19.5	18.9	20.1
1986	3.7	2.7	5.3	9.7	13.9	16.2	19.3	18.3	19.0	19.3
1985	3.6	2.6	5.2	9.6	13.5	15.6	18.1	17.8	19.7	19.7
1984	3.7	2.5	5.5	9.7	13.5	16.1	17.9	18.2	20.3	21.5
1983	3.6	2.7	5.6	9.7	12.8	15.9	17.4	17.9	19.0	20.0
1982	3.6	2.8	5.4	9.6	12.7	16.4	17.0	18.1	19.0	19.6
1981	3.5	2.6	5.7	9.5	12.9	15.7	17.5	16.6	20.5	19.2
1980	3.5	2.9	5.7	9.5	13.1	15.4	16.8	18.3	18.6	20.9
1979	3.4	2.6	6.2	9.2	12.8	14.9	16.3	17.1	17.8	20.5
Malignant neoplasm of esophagus (150)										
All races, male										
1998	6.6	4.5	8.5	14.5	22.8	30.5	40.1	44.4	44.1	47.0
1997	6.4	4.1	8.5	15.6	22.5	31.0	38.8	40.7	42.9	45.3
1996	6.4	4.3	8.4	14.9	24.5	30.8	36.8	40.9	44.2	44.8
1995	6.4	3.9	8.4	15.3	23.1	31.5	38.7	42.2	46.7	40.1
1994	6.4	4.7	8.9	14.8	23.9	31.1	38.7	40.0	44.2	45.5
1993	6.2	4.2	8.8	15.4	24.3	30.3	35.5	39.7	40.7	40.9
1992	6.1	4.1	8.8	15.0	23.2	31.3	36.9	38.6	41.9	37.9
1991	6.0	3.5	9.2	16.7	22.8	31.8	34.1	37.3	38.4	43.6
1990	5.9	4.4	9.4	15.0	22.7	30.0	34.9	37.1	39.2	42.1
1989	5.9	4.5	9.1	16.4	22.7	30.5	33.6	36.5	38.8	37.2
1988	5.8	4.1	10.0	15.8	23.0	28.6	32.8	37.3	37.2	37.9
1987	5.7	4.1	9.2	15.7	23.1	28.5	32.7	36.1	36.1	35.8
1986	5.6	4.4	8.7	15.7	23.5	28.0	32.7	31.7	34.7	36.1
1985	5.5	4.3	8.6	16.4	22.7	26.4	32.4	32.7	37.1	34.2
1984	5.5	4.1	8.9	16.1	21.9	27.6	30.9	32.5	36.3	38.7
1983	5.4	4.6	9.2	15.9	21.0	27.3	30.0	32.8	36.8	35.0
1982	5.3	4.8	8.7	15.5	20.4	27.6	29.2	33.0	34.9	33.6
1981	5.3	4.3	9.1	15.7	21.4	27.2	30.8	29.8	37.6	35.0
1980	5.3	4.7	9.3	15.4	21.3	26.4	28.8	33.7	33.1	39.9
1979	5.2	4.3	10.3	14.8	21.0	25.0	29.3	30.5	33.1	33.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of esophagus (150)										
All races, female										
1998	2.1	0.8	1.6	2.9	4.4	6.9	9.0	11.4	13.7	17.3
1997	2.0	0.5	1.2	3.2	5.2	6.4	8.7	11.2	12.3	16.0
1996	2.1	0.6	1.6	2.8	4.7	6.9	10.0	11.6	13.8	15.9
1995	1.9	0.7	1.6	2.8	4.8	6.8	8.3	10.1	13.5	15.4
1994	2.0	0.8	1.5	2.6	5.3	7.0	8.7	9.5	13.9	15.5
1993	2.0	0.7	1.6	3.2	5.6	6.7	8.6	10.7	12.4	15.8
1992	2.0	0.7	1.8	3.3	5.6	7.0	8.3	9.8	12.1	16.1
1991	2.0	0.7	1.4	3.6	6.1	6.7	8.4	10.4	11.8	14.9
1990	2.0	0.6	1.8	3.5	5.9	7.2	8.6	10.3	11.4	15.4
1989	2.0	0.8	1.8	3.1	4.8	7.4	9.0	11.0	11.9	14.7
1988	1.9	0.8	1.8	3.4	5.2	7.3	8.2	9.6	11.7	16.6
1987	1.9	1.0	2.0	3.8	5.5	7.1	9.1	9.1	10.0	13.9
1986	1.9	1.1	2.1	4.2	5.5	6.5	9.6	9.8	10.8	12.7
1985	1.8	1.0	2.1	3.5	5.6	6.8	7.7	8.4	10.6	14.0
1984	1.9	0.9	2.4	3.9	6.2	6.9	8.5	9.2	11.8	14.5
1983	1.8	1.0	2.3	4.1	5.6	6.8	8.3	8.6	9.6	13.8
1982	1.9	0.9	2.3	4.3	5.9	7.5	8.2	8.7	10.5	13.8
1981	1.8	1.0	2.5	4.0	5.6	6.4	8.0	8.4	11.4	12.6
1980	1.8	1.2	2.4	4.2	6.1	6.5	8.1	8.7	11.0	12.6
1979	1.8	1.1	2.3	4.1	5.6	6.7	6.9	8.7	9.6	14.8
Malignant neoplasm of esophagus (150)										
White, both sexes										
1998	4.3	2.3	4.4	7.5	11.8	17.0	21.9	24.3	24.8	25.6
1997	4.2	2.1	4.1	8.0	12.1	16.5	20.8	22.9	23.0	24.2
1996	4.2	2.2	4.0	7.3	12.8	16.2	20.6	23.0	24.2	24.3
1995	4.1	1.9	3.9	7.3	11.9	16.7	20.2	22.5	25.0	22.5
1994	4.0	2.2	4.0	6.9	12.3	16.2	20.1	21.0	23.9	23.9
1993	3.8	1.8	3.9	7.2	12.2	15.3	19.0	21.5	21.7	22.6
1992	3.8	1.8	3.8	7.1	12.0	16.2	19.3	20.5	22.0	22.0
1991	3.7	1.6	3.8	7.7	11.9	16.0	17.9	20.3	20.5	22.3
1990	3.6	1.7	4.0	6.9	11.6	15.4	18.1	19.7	20.0	22.6
1989	3.6	1.8	3.8	7.3	11.0	15.1	17.8	19.6	20.9	20.8
1988	3.5	1.6	3.9	7.1	11.2	14.6	16.9	19.2	20.0	22.4
1987	3.4	1.6	3.8	7.6	11.1	14.7	17.9	18.4	17.9	19.3
1986	3.3	1.7	3.6	7.4	11.2	13.9	17.5	17.3	18.3	19.0
1985	3.2	1.6	3.5	7.1	10.9	13.6	16.2	16.8	19.1	19.3
1984	3.2	1.4	3.6	7.0	10.8	14.0	16.0	17.5	18.5	21.5
1983	3.2	1.6	3.7	7.1	10.1	14.1	15.7	16.8	18.3	19.8
1982	3.1	1.5	3.6	6.9	10.0	14.3	15.1	17.1	18.1	19.0
1981	3.1	1.5	3.6	6.9	10.1	13.8	15.8	15.6	20.1	18.6
1980	3.0	1.7	3.6	6.8	10.6	13.6	15.1	16.8	17.6	20.4
1979	2.9	1.7	3.8	6.7	10.2	12.9	14.9	16.1	17.0	19.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of esophagus (150)										
White, male										
1998	6.7	4.0	7.7	12.9	20.7	29.6	39.3	43.7	44.2	46.2
1997	6.5	3.9	7.4	13.8	20.4	29.2	37.3	40.0	42.2	45.4
1996	6.4	4.0	7.0	12.9	22.4	28.3	35.3	40.0	42.4	45.7
1995	6.3	3.3	6.8	12.9	20.6	29.2	36.5	41.2	46.1	40.5
1994	6.2	4.0	7.1	12.2	21.3	28.1	36.3	38.2	42.7	45.9
1993	5.9	3.1	6.9	12.3	21.2	27.2	33.2	38.1	39.1	40.6
1992	5.9	3.2	6.6	12.5	20.3	28.6	34.4	37.5	41.0	37.0
1991	5.7	2.7	6.8	13.2	19.7	28.4	31.6	36.2	37.4	41.2
1990	5.5	3.1	6.9	11.9	19.4	27.1	32.0	34.9	37.7	42.0
1989	5.4	3.3	6.6	12.6	19.3	26.4	30.3	34.2	38.1	36.9
1988	5.2	2.7	6.6	12.2	19.2	25.2	29.2	34.7	36.0	36.9
1987	5.2	2.8	6.5	12.8	19.2	25.1	30.0	33.6	33.7	34.3
1986	5.0	2.9	6.1	12.2	19.1	24.1	29.1	29.8	33.0	35.8
1985	4.9	2.8	5.9	12.3	18.6	23.0	28.9	30.6	35.4	33.1
1984	4.8	2.5	6.0	12.1	17.6	23.7	27.6	30.8	32.0	38.1
1983	4.7	2.8	6.5	11.8	16.5	24.2	26.8	30.1	35.2	34.4
1982	4.5	2.7	6.0	11.3	16.0	23.6	25.8	31.0	32.2	31.5
1981	4.6	2.5	5.7	11.8	16.7	23.6	27.4	27.4	36.4	33.0
1980	4.6	2.9	6.0	11.3	17.4	23.1	25.9	30.4	30.7	38.5
1979	4.4	2.7	6.6	10.9	16.4	21.4	26.1	28.7	30.9	31.1
Malignant neoplasm of esophagus (150)										
White, female										
1998	2.0	0.6	1.2	2.4	3.6	6.1	8.1	10.8	13.5	17.4
1997	1.9	0.3	0.9	2.5	4.4	5.5	7.9	11.0	11.9	15.9
1996	2.0	0.5	1.1	2.1	4.0	5.9	9.1	11.3	13.8	16.1
1995	1.9	0.4	1.1	2.1	4.0	6.2	7.6	9.7	13.2	15.6
1994	1.9	0.5	1.0	1.9	4.1	6.2	7.6	9.4	13.6	15.6
1993	1.9	0.4	1.0	2.4	4.2	5.5	8.0	10.3	12.3	15.8
1992	1.9	0.4	1.2	2.1	4.5	6.0	7.7	9.2	11.8	16.4
1991	1.8	0.5	0.9	2.5	4.8	5.8	7.5	10.0	11.5	15.2
1990	1.8	0.4	1.2	2.3	4.7	5.9	7.7	9.9	10.7	15.2
1989	1.8	0.4	1.1	2.4	3.7	5.9	8.5	10.2	11.8	14.7
1988	1.8	0.5	1.3	2.4	4.3	5.9	7.8	9.2	11.6	16.8
1987	1.7	0.5	1.2	2.7	3.9	6.1	9.0	8.8	9.7	13.5
1986	1.8	0.6	1.3	3.0	4.4	5.4	9.0	9.4	10.6	12.4
1985	1.6	0.5	1.2	2.4	4.2	5.9	7.0	8.1	10.6	13.9
1984	1.7	0.4	1.4	2.4	4.9	6.0	7.5	9.1	11.5	14.9
1983	1.7	0.5	1.2	2.8	4.6	5.9	7.7	8.5	9.4	14.0
1982	1.7	*	1.4	2.9	4.7	6.8	7.3	8.5	10.7	13.9
1981	1.6	0.5	1.5	2.5	4.4	5.9	7.5	8.2	11.6	12.6
1980	1.6	0.5	1.4	2.7	4.8	5.9	7.4	8.4	10.7	12.6
1979	1.6	0.7	1.2	2.9	4.7	6.1	6.9	8.3	9.6	15.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of esophagus (150)										
All other, both sexes										
1998	4.0	4.2	8.3	14.6	21.5	23.2	28.3	29.9	25.1	27.0
1997	4.0	3.4	8.8	16.1	21.6	26.5	29.7	26.9	27.6	25.1
1996	4.2	3.7	10.3	16.4	22.2	29.6	30.8	27.6	30.6	21.0
1995	4.4	4.6	11.1	17.8	23.1	27.7	32.2	28.3	29.0	19.8
1994	4.7	5.4	11.8	18.3	25.9	30.7	35.2	28.6	31.5	22.3
1993	4.9	6.0	12.2	20.8	28.9	32.6	31.1	29.4	28.5	23.8
1992	4.8	6.0	13.4	19.9	27.3	31.2	32.5	28.9	27.6	23.6
1991	5.1	5.4	13.9	23.8	29.0	33.9	33.1	27.4	26.7	28.5
1990	5.3	7.1	14.7	22.6	29.4	33.9	34.9	30.8	31.8	25.0
1989	5.5	7.5	15.0	23.8	29.1	39.9	34.3	34.0	24.9	22.7
1988	5.6	7.7	17.6	25.1	30.8	36.0	34.1	31.7	26.3	24.6
1987	5.5	7.7	16.2	23.1	34.2	34.0	29.8	30.1	30.2	29.2
1986	5.8	8.7	16.0	26.1	35.5	36.3	36.0	27.7	27.3	23.4
1985	5.8	8.5	17.0	28.2	35.5	32.7	35.0	27.5	26.4	24.2
1984	6.2	9.1	18.5	30.2	36.3	35.4	35.7	25.5	39.6	21.2
1983	6.0	9.6	18.6	30.3	35.6	32.4	33.2	28.5	27.1	21.6
1982	6.3	11.0	18.1	31.5	36.0	34.7	35.0	27.5	28.6	26.5
1981	6.3	10.2	21.7	31.1	38.0	32.2	33.6	27.1	25.3	26.3
1980	6.5	11.8	22.0	32.6	35.4	31.4	32.4	33.0	31.4	26.2
1979	6.3	9.6	24.6	30.1	36.8	32.3	29.5	27.0	26.8	27.0
Malignant neoplasm of esophagus (150)										
All other, male										
1998	5.9	7.2	13.6	24.9	36.8	37.6	46.9	51.1	42.5	54.3
1997	6.1	5.7	15.7	27.1	36.6	44.9	51.9	47.7	50.1	44.2
1996	6.4	6.1	17.2	27.8	38.6	50.5	50.6	49.8	62.4	36.9
1995	6.9	7.5	19.0	30.7	40.6	50.4	58.8	52.0	52.4	36.1
1994	7.3	9.0	20.0	32.2	42.6	54.7	60.5	58.3	59.2	41.9
1993	7.6	10.8	20.7	36.3	47.3	55.8	56.2	55.2	56.3	43.3
1992	7.3	10.2	23.2	31.7	45.7	54.2	60.7	50.1	51.5	46.1
1991	7.9	9.2	24.7	41.0	47.0	61.7	58.3	48.8	48.1	65.8
1990	8.1	12.9	26.0	37.6	49.7	55.9	62.6	58.5	54.2	43.0
1989	8.7	12.5	25.9	43.8	51.0	66.9	64.9	58.6	45.5	39.5
1988	9.0	13.8	32.9	43.3	54.8	58.8	67.5	61.6	49.6	46.8
1987	8.6	12.2	27.3	38.3	56.3	59.8	58.6	59.1	59.8	50.6
1986	9.1	14.2	27.2	43.5	62.4	64.3	66.8	49.0	51.9	38.7
1985	9.2	14.1	28.3	49.2	59.5	57.4	65.7	52.4	53.8	43.8
1984	9.7	15.2	30.4	49.1	61.1	63.4	62.8	48.5	80.2	44.4
1983	9.5	16.4	29.9	50.3	62.6	55.1	60.1	57.4	53.6	40.6
1982	10.0	19.3	30.1	51.3	61.1	63.5	60.9	51.3	62.8	53.7
1981	10.1	17.8	36.4	49.1	66.3	60.1	62.9	51.6	50.5	54.7
1980	10.1	18.7	36.8	51.8	58.4	56.8	55.9	64.2	58.5	54.3
1979	10.3	16.3	42.0	50.1	65.3	57.6	59.1	46.2	55.8	55.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of esophagus (150)										
All other, female										
1998	2.2	1.7	3.8	6.1	9.2	12.4	15.6	16.4	15.8	15.5
1997	2.1	1.4	2.9	7.0	9.6	12.8	14.6	13.7	15.7	17.0
1996	2.2	1.6	4.4	7.0	9.2	14.1	17.3	13.7	13.6	14.3
1995	2.1	2.2	4.4	7.1	9.3	10.8	14.0	13.5	16.6	12.8
1994	2.3	2.3	4.8	6.8	12.8	12.8	17.8	10.3	16.7	13.9
1993	2.4	1.9	5.0	8.1	14.7	15.5	13.8	13.6	13.3	15.4
1992	2.5	2.5	5.1	10.4	13.2	14.1	13.2	15.9	14.4	13.8
1991	2.5	2.2	4.7	9.9	15.3	13.3	15.9	14.1	14.8	12.0
1990	2.7	2.0	5.1	10.5	14.0	17.7	16.0	13.6	19.2	16.8
1989	2.7	3.1	5.8	7.7	12.4	19.8	13.4	18.6	13.2	14.8
1988	2.5	2.5	4.7	10.5	12.3	19.1	11.2	12.7	12.7	14.2
1987	2.7	3.8	6.9	10.8	17.1	14.7	10.0	11.6	13.3	19.0
1986	2.8	3.9	6.7	12.2	14.7	15.3	14.9	13.9	13.2	16.0
1985	2.7	3.7	7.6	11.2	16.6	14.2	13.8	11.1	*	14.7
1984	3.0	3.8	8.8	14.9	16.9	14.3	16.9	10.2	15.7	*
1983	2.9	3.9	9.3	14.0	14.3	15.3	14.3	9.2	*	*
1982	2.9	3.9	8.3	15.3	16.1	13.1	16.2	11.6	*	*
1981	2.8	3.7	9.7	16.2	15.4	11.0	12.1	10.5	*	*
1980	3.2	6.2	10.1	16.8	17.0	11.9	14.9	11.8	14.8	*
1979	2.7	4.1	10.4	13.5	13.8	12.8	6.9	13.2	*	*
Malignant neoplasm of esophagus (150)										
Black, both sexes										
1998	4.9	5.4	11.4	18.9	27.0	28.0	34.2	34.1	27.2	27.2
1997	5.0	4.5	11.6	21.0	27.4	32.6	35.4	30.9	29.4	25.1
1996	5.3	5.0	14.0	21.7	28.2	36.1	37.7	31.3	33.3	22.2
1995	5.5	6.4	14.8	23.3	29.1	33.2	38.7	32.3	33.0	19.4
1994	5.9	7.3	15.4	23.5	32.9	36.9	41.2	33.3	34.1	22.1
1993	6.2	8.1	16.2	26.5	35.5	40.5	36.9	34.6	31.5	25.1
1992	5.9	8.1	17.1	25.6	33.2	37.8	38.0	31.9	28.4	21.7
1991	6.4	7.1	18.0	30.1	36.1	40.0	39.1	30.6	29.5	29.5
1990	6.5	9.3	18.9	28.2	35.4	40.2	39.0	32.9	32.3	24.7
1989	6.8	9.7	19.4	29.3	35.2	47.9	38.4	38.0	25.9	21.8
1988	6.9	10.2	22.2	31.0	37.0	41.7	39.3	35.7	27.6	25.2
1987	6.7	9.8	20.6	28.1	40.6	39.5	33.9	33.0	31.6	29.3
1986	7.1	11.2	20.1	31.2	42.8	42.3	41.4	31.3	29.0	24.9
1985	6.9	10.8	20.6	33.6	41.8	38.1	39.2	28.9	28.6	24.6
1984	7.4	11.5	22.6	35.6	42.8	40.4	39.7	28.6	40.3	21.1
1983	7.2	11.7	22.6	35.7	41.2	36.8	36.2	31.0	29.1	21.7
1982	7.3	13.2	21.5	36.6	40.9	39.0	38.6	29.8	28.9	26.7
1981	7.3	12.3	25.5	36.1	42.7	36.1	36.0	28.1	27.8	27.4
1980	7.4	13.8	25.8	37.6	39.6	34.4	35.3	35.1	32.0	24.5
1979	7.2	11.3	28.6	34.1	40.2	35.6	32.0	27.5	27.4	28.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of esophagus (150)										
Black, male										
1998	7.4	9.1	18.9	32.7	46.6	46.0	58.0	59.7	46.9	53.8
1997	7.6	7.5	20.7	35.6	46.9	56.0	62.3	57.3	58.3	48.0
1996	8.1	8.5	23.6	37.2	49.7	60.9	61.4	57.5	72.2	38.9
1995	8.7	10.4	25.5	41.3	51.7	60.6	71.6	61.5	60.7	34.7
1994	9.1	12.1	26.3	41.7	53.7	65.6	71.5	69.0	65.7	43.9
1993	9.6	14.5	27.8	46.6	58.1	69.8	67.8	66.7	64.8	49.0
1992	9.1	13.8	29.8	41.1	55.2	65.9	71.8	55.8	54.0	44.8
1991	9.9	12.2	32.8	52.0	58.4	73.1	71.3	55.2	55.8	72.5
1990	9.9	17.5	33.8	47.6	58.8	66.8	70.4	62.1	59.0	42.3
1989	10.7	16.4	34.4	54.3	61.3	80.4	74.6	66.9	49.5	36.4
1988	11.2	18.4	42.2	53.4	67.7	68.5	79.6	71.2	55.3	49.2
1987	10.5	15.7	35.0	46.2	67.4	70.0	68.3	65.7	64.1	53.1
1986	11.2	18.6	34.3	52.2	76.1	75.8	79.0	56.4	56.7	39.7
1985	11.1	18.1	34.7	58.3	71.4	67.8	75.6	54.7	58.6	45.2
1984	11.7	19.5	37.2	57.6	72.8	72.7	71.8	56.3	85.7	44.3
1983	11.3	20.3	36.7	59.0	73.0	62.7	66.8	63.6	58.5	38.3
1982	11.7	23.6	35.6	59.6	69.5	71.9	69.0	56.5	62.5	53.4
1981	11.8	21.9	42.6	57.0	75.0	68.2	69.0	55.1	55.8	60.7
1980	11.6	21.8	42.8	60.7	65.8	62.6	61.8	69.3	58.6	50.9
1979	11.8	19.1	49.0	57.3	72.0	64.8	66.4	47.8	55.8	61.5
Malignant neoplasm of esophagus (150)										
Black, female										
1998	2.7	2.3	5.1	7.7	11.6	14.7	18.5	18.5	17.6	17.1
1997	2.6	1.9	4.0	9.2	12.1	15.3	17.7	15.0	15.4	16.4
1996	2.8	2.0	6.0	9.2	11.5	17.6	22.2	15.7	14.4	15.8
1995	2.6	3.0	5.9	8.8	11.6	12.9	17.1	14.9	19.5	13.4
1994	2.9	3.3	6.4	9.0	16.7	15.6	21.3	12.4	18.5	13.5
1993	3.1	2.7	6.7	10.4	18.1	19.1	16.4	16.0	14.8	15.6
1992	3.1	3.3	6.6	13.2	16.3	17.3	15.7	18.2	15.4	12.4
1991	3.2	2.9	5.8	12.6	19.2	16.0	17.9	16.3	16.2	11.9
1990	3.4	*	6.6	12.9	17.7	21.0	18.4	15.7	18.4	17.3
1989	3.3	4.1	7.2	9.3	15.4	24.3	14.7	20.9	13.5	15.7
1988	3.0	3.2	5.7	13.0	13.6	22.3	12.6	14.5	12.9	14.8
1987	3.3	4.9	8.8	13.7	20.1	17.2	11.1	13.1	14.0	18.8
1986	3.4	5.0	8.5	14.3	17.4	17.7	16.5	16.0	13.9	18.1
1985	3.2	4.7	9.1	13.7	18.9	16.2	15.1	12.8	*	15.0
1984	3.5	4.8	10.7	17.7	19.5	16.6	18.3	11.3	15.1	*
1983	3.4	4.6	11.1	16.8	16.4	17.8	15.6	10.0	*	*
1982	3.4	4.5	10.1	17.8	18.5	14.8	17.6	12.7	*	*
1981	3.3	4.4	11.7	19.1	17.3	12.4	12.9	10.7	*	*
1980	3.7	7.3	12.0	18.7	18.9	13.4	16.4	12.8	16.0	*
1979	3.1	4.9	12.0	15.1	15.0	13.7	7.3	13.6	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of stomach (151)										
All races, both sexes										
1998	4.7	2.5	4.0	6.3	9.7	15.1	21.3	28.8	38.6	52.6
1997	4.8	2.2	3.9	6.8	10.2	15.3	21.3	30.4	40.0	54.1
1996	5.0	2.3	4.0	7.0	10.8	15.6	23.4	31.0	41.0	57.2
1995	5.1	2.7	4.6	7.5	11.6	16.3	23.7	31.4	42.9	58.1
1994	5.2	2.5	4.5	7.1	12.0	16.4	24.4	33.7	42.1	58.1
1993	5.3	2.5	4.9	7.8	12.5	17.6	25.0	33.6	44.3	60.3
1992	5.3	2.5	4.8	8.0	11.8	18.3	25.2	33.0	43.7	62.4
1991	5.6	2.9	5.3	8.7	13.4	18.9	25.8	36.4	46.9	63.3
1990	5.7	3.1	5.6	8.5	12.9	18.6	27.5	37.6	45.8	66.3
1989	5.7	3.0	5.5	8.8	13.4	19.4	28.4	36.4	49.8	67.0
1988	5.6	2.7	5.2	9.0	13.4	19.2	26.7	36.3	48.9	64.7
1987	5.7	2.8	5.1	8.7	13.6	20.2	28.1	38.2	48.7	63.4
1986	5.8	3.3	5.4	9.4	13.6	20.0	28.7	38.8	49.1	65.1
1985	5.9	3.1	6.1	9.5	14.1	20.5	29.8	37.7	51.9	67.6
1984	6.0	3.5	6.1	9.4	14.3	21.3	30.8	39.0	57.3	70.7
1983	6.1	3.3	5.8	9.7	14.3	21.8	31.2	42.2	56.9	68.3
1982	6.2	3.4	5.8	9.7	15.5	22.3	32.6	41.7	56.1	73.7
1981	6.3	3.6	6.0	10.2	15.0	22.8	33.3	43.9	59.5	75.8
1980	6.3	3.5	5.9	9.6	16.1	23.1	33.6	45.8	61.3	80.2
1979	6.5	3.2	6.2	10.4	16.4	24.3	35.6	45.9	62.3	78.5
Malignant neoplasm of stomach (151)										
All races, male										
1998	5.6	3.2	5.4	8.8	13.8	22.0	31.0	41.6	57.1	75.2
1997	5.8	3.1	5.6	9.7	14.7	22.6	31.0	44.9	60.5	78.4
1996	6.0	2.9	5.4	10.3	15.9	22.2	34.2	46.1	60.4	86.1
1995	6.2	3.6	6.4	10.6	17.1	23.7	34.7	46.2	62.0	86.3
1994	6.3	3.4	6.2	10.6	17.4	24.8	35.3	47.5	64.2	87.1
1993	6.5	3.5	6.6	10.9	18.3	25.9	38.2	48.8	66.7	87.8
1992	6.4	3.7	6.6	11.3	17.0	27.1	37.8	48.0	64.5	89.7
1991	6.9	3.9	7.6	12.5	20.6	29.1	37.5	55.2	68.7	93.5
1990	6.9	4.1	8.0	12.5	18.1	27.8	41.2	55.6	69.2	97.0
1989	7.1	4.2	8.1	13.3	20.0	29.0	42.8	54.9	75.3	96.4
1988	6.8	3.7	7.6	13.2	20.3	28.7	39.6	54.3	71.0	88.3
1987	7.0	3.7	7.2	12.9	20.2	29.8	42.4	58.6	69.8	94.2
1986	7.2	4.6	7.9	13.8	19.8	30.7	43.9	60.5	69.9	97.0
1985	7.2	4.0	8.7	13.6	20.4	30.7	45.7	56.3	77.3	97.8
1984	7.4	4.6	8.3	13.6	21.2	32.0	45.7	58.3	86.8	103.1
1983	7.4	4.3	8.0	14.3	21.0	31.4	45.4	64.0	81.8	102.2
1982	7.6	4.7	8.0	13.7	22.8	32.3	49.1	60.7	83.3	115.3
1981	7.7	5.1	8.2	14.9	21.7	34.3	48.4	67.6	87.2	109.1
1980	7.7	4.6	8.3	13.3	24.0	35.0	48.9	67.8	90.0	109.0
1979	7.9	4.6	8.8	15.0	23.8	34.8	52.0	68.4	91.0	117.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of stomach (151)										
All races, female										
1998	3.8	1.9	2.7	3.9	6.0	9.3	13.7	19.9	27.9	43.7
1997	3.8	1.3	2.2	4.0	6.2	9.1	13.8	20.4	28.2	44.6
1996	4.0	1.8	2.8	4.0	6.1	10.0	15.0	20.7	30.1	46.0
1995	4.1	1.9	2.8	4.7	6.8	10.1	15.3	21.4	32.3	47.3
1994	4.1	1.6	2.9	3.9	7.3	9.5	16.0	24.4	30.0	47.0
1993	4.2	1.5	3.2	5.0	7.4	10.7	14.9	23.5	32.2	49.8
1992	4.3	1.5	3.0	4.9	7.3	11.2	15.7	23.2	32.6	52.1
1991	4.4	1.8	3.0	5.2	7.1	10.6	17.0	24.1	35.2	51.8
1990	4.5	2.1	3.4	4.8	8.4	11.2	17.3	25.9	33.4	54.4
1989	4.5	1.7	3.1	4.7	7.6	11.7	17.7	24.5	36.3	55.5
1988	4.4	1.8	3.0	5.2	7.4	11.4	17.3	24.8	37.2	55.5
1987	4.4	1.9	3.1	4.9	8.0	12.3	17.6	25.3	37.7	51.3
1986	4.4	2.0	3.0	5.4	8.2	11.3	17.6	25.1	38.2	52.4
1985	4.6	2.2	3.7	5.8	8.6	12.3	18.3	26.0	38.6	55.6
1984	4.8	2.5	4.1	5.6	8.4	12.6	20.1	26.9	41.7	57.6
1983	4.8	2.4	3.8	5.6	8.5	14.1	21.0	28.5	43.7	54.5
1982	4.9	2.3	3.8	6.1	9.2	14.4	20.7	29.7	41.8	56.3
1981	4.9	2.2	4.0	6.1	9.1	13.6	22.3	29.1	44.8	61.6
1980	5.0	2.4	3.6	6.3	9.3	13.5	22.5	32.0	46.0	67.6
1979	5.1	2.0	3.8	6.3	9.9	16.0	23.7	31.7	46.9	61.3
Malignant neoplasm of stomach (151)										
White, both sexes										
1998	4.5	2.2	3.3	5.4	8.2	13.2	18.9	25.9	35.4	48.1
1997	4.5	1.9	3.3	5.8	8.7	13.5	18.7	26.8	36.2	48.8
1996	4.7	1.8	3.6	6.1	9.3	14.1	20.8	27.8	36.8	51.4
1995	4.9	2.3	3.9	6.5	9.8	14.5	20.7	28.3	38.9	53.0
1994	4.9	2.0	4.0	6.1	10.4	14.4	21.5	31.0	37.6	53.8
1993	5.1	2.2	4.3	6.7	11.1	15.9	22.3	30.2	40.3	54.9
1992	5.1	2.3	4.0	6.7	10.2	16.5	22.5	30.0	40.0	57.5
1991	5.4	2.4	4.6	7.5	11.8	16.6	23.6	33.4	43.3	58.0
1990	5.4	2.5	4.8	7.4	11.5	16.9	24.7	34.0	42.8	60.8
1989	5.5	2.5	4.7	7.9	11.9	17.2	25.1	33.6	46.6	62.6
1988	5.4	2.4	4.7	7.8	11.9	17.1	24.4	33.0	45.4	60.3
1987	5.5	2.4	4.3	7.8	12.2	18.1	25.4	35.7	44.1	60.3
1986	5.5	2.8	4.6	8.6	12.3	17.8	25.7	36.0	45.4	61.1
1985	5.7	2.8	5.5	8.6	12.7	18.5	27.3	35.1	48.1	63.7
1984	5.8	3.1	5.6	8.4	13.1	19.3	28.0	36.1	53.1	67.1
1983	5.8	2.9	5.1	8.6	12.7	19.6	28.2	39.7	52.9	64.8
1982	6.0	3.0	5.2	8.6	13.5	20.6	29.9	39.2	53.0	70.8
1981	6.1	3.1	5.3	9.0	13.6	20.9	30.0	41.5	55.8	73.0
1980	6.2	3.2	5.2	8.5	14.9	21.1	30.7	42.8	58.1	78.6
1979	6.2	2.9	5.4	9.1	14.8	22.0	32.7	42.6	59.7	77.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of stomach (151)										
White, male										
1998	5.3	2.7	4.6	7.8	11.6	19.0	27.8	37.0	52.6	70.2
1997	5.5	2.7	4.8	8.3	12.4	20.1	27.6	40.2	54.1	71.6
1996	5.7	2.2	4.9	8.9	13.7	20.2	30.1	40.9	54.4	78.9
1995	5.9	3.1	5.5	9.4	14.3	21.3	30.5	41.9	56.5	80.9
1994	6.0	2.8	5.5	9.1	14.9	21.7	31.1	44.0	57.9	81.2
1993	6.2	3.1	6.0	9.4	16.2	23.4	34.0	43.6	59.9	81.8
1992	6.1	3.3	5.5	9.7	14.8	24.3	33.5	43.7	58.8	84.9
1991	6.6	3.3	6.6	10.9	18.4	25.4	34.0	50.1	64.2	86.5
1990	6.5	3.2	6.8	11.1	16.1	25.5	36.8	50.0	64.1	89.4
1989	6.7	3.5	6.9	11.6	17.8	25.6	37.4	50.2	71.1	91.2
1988	6.4	3.3	6.7	11.3	17.9	25.2	35.6	48.8	65.5	81.8
1987	6.7	3.4	6.0	11.6	18.2	26.9	38.4	54.6	62.6	90.4
1986	6.9	4.0	6.9	12.8	17.9	27.4	39.4	56.1	64.2	90.9
1985	6.9	3.4	7.7	12.4	18.3	27.5	42.0	52.4	72.2	93.0
1984	7.1	4.1	7.6	12.1	19.2	28.7	41.5	54.1	80.1	97.8
1983	7.0	3.5	7.1	12.7	18.7	28.5	40.3	60.5	74.1	98.0
1982	7.2	4.1	7.0	12.2	19.8	29.5	44.6	56.3	77.8	109.2
1981	7.5	4.5	7.3	13.1	20.1	31.3	43.5	63.9	81.9	106.6
1980	7.4	4.2	7.4	11.7	22.1	32.1	44.9	62.5	84.4	105.4
1979	7.6	4.0	7.8	12.9	21.6	31.2	47.7	63.6	87.8	114.9
Malignant neoplasm of stomach (151)										
White, female										
1998	3.6	1.8	2.1	3.2	5.1	8.1	11.8	18.1	25.4	39.4
1997	3.6	1.1	1.8	3.5	5.4	7.8	11.8	17.5	26.0	39.9
1996	3.8	1.4	2.4	3.5	5.2	8.8	13.5	18.7	26.9	40.9
1995	3.9	1.5	2.4	3.8	5.6	8.7	13.1	19.1	29.1	42.4
1994	3.9	1.3	2.5	3.3	6.4	8.3	14.1	22.2	26.4	43.4
1993	4.1	1.3	2.7	4.3	6.5	9.7	13.3	21.3	29.7	44.8
1992	4.1	1.2	2.6	3.8	6.0	10.1	14.2	20.8	29.9	47.2
1991	4.2	1.6	2.7	4.3	5.9	9.4	15.6	22.5	32.2	47.3
1990	4.3	1.8	2.9	4.0	7.5	9.9	15.6	23.6	31.5	49.9
1989	4.4	1.6	2.6	4.4	6.7	10.4	15.9	22.9	33.7	51.7
1988	4.4	1.5	2.8	4.5	6.6	10.5	16.1	22.9	34.9	52.0
1987	4.3	1.5	2.7	4.3	7.0	10.9	15.8	23.6	34.5	48.6
1986	4.3	1.6	2.5	4.7	7.4	10.0	15.7	23.3	35.6	49.5
1985	4.5	2.1	3.3	5.2	7.8	11.2	16.6	24.2	35.6	52.2
1984	4.6	2.2	3.7	4.9	7.7	11.6	18.2	24.9	39.1	54.9
1983	4.7	2.2	3.3	4.8	7.5	12.5	19.4	26.7	41.9	51.5
1982	4.8	1.9	3.5	5.4	7.9	13.4	19.2	28.6	40.0	55.0
1981	4.8	1.8	3.4	5.4	8.0	12.4	20.3	27.5	42.2	59.0
1980	5.0	2.2	3.1	5.7	8.7	12.3	20.4	30.5	44.3	67.0
1979	5.0	1.7	3.3	5.7	9.0	14.6	21.9	29.7	44.8	60.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of stomach (151)										
All other, both sexes										
1998	5.8	4.0	7.7	11.2	18.6	28.5	40.6	55.1	70.4	97.2
1997	6.0	4.0	7.2	12.5	19.5	28.3	42.1	63.3	77.2	106.8
1996	6.1	5.4	6.5	12.5	20.3	26.3	45.0	61.0	83.1	114.3
1995	6.4	5.3	8.3	13.8	23.9	29.6	49.7	60.0	83.4	109.4
1994	6.3	5.0	7.9	13.4	22.7	31.5	49.3	59.1	87.3	102.1
1993	6.4	4.4	8.3	14.8	22.3	30.5	48.7	65.2	85.5	115.7
1992	6.6	4.3	9.1	16.3	23.5	32.6	49.2	62.2	82.6	113.6
1991	6.8	5.6	9.3	16.4	25.3	37.5	46.1	65.0	84.0	119.3
1990	6.9	6.4	10.8	16.0	23.1	32.9	52.9	71.5	77.3	124.8
1989	7.0	5.6	10.4	15.3	24.5	37.7	58.2	62.4	82.6	113.3
1988	6.8	5.1	8.7	17.3	25.1	36.6	48.2	67.4	85.6	112.1
1987	6.8	5.0	10.0	14.8	24.5	38.2	52.5	62.6	98.1	97.5
1986	7.0	6.3	10.4	15.4	24.1	39.0	55.6	65.8	88.9	108.2
1985	6.9	5.0	10.5	16.3	25.8	38.1	52.9	63.5	93.7	110.3
1984	7.2	6.0	9.8	17.3	25.3	38.7	56.6	66.8	102.6	110.1
1983	7.4	5.9	10.4	18.8	27.8	41.0	59.7	66.4	100.8	107.2
1982	7.3	6.2	10.2	18.1	33.4	37.8	58.5	65.8	91.7	106.0
1981	7.5	6.9	11.4	20.1	26.8	39.8	63.8	67.7	101.7	107.4
1980	7.5	5.6	11.2	18.9	27.0	40.3	61.5	75.5	98.6	98.7
1979	7.9	5.9	12.4	21.4	30.7	44.7	64.0	77.3	93.3	96.0
Malignant neoplasm of stomach (151)										
All other, male										
1998	6.9	5.9	10.2	15.4	28.0	44.0	59.5	84.9	105.0	122.1
1997	7.4	5.7	10.9	18.9	30.4	41.9	61.7	90.7	128.6	141.0
1996	7.4	6.8	8.3	19.3	31.1	37.7	71.4	96.5	123.5	153.2
1995	7.6	6.9	12.2	18.8	36.4	42.5	74.1	88.8	119.1	136.4
1994	7.7	6.9	10.9	20.7	35.6	49.3	74.5	82.8	128.6	142.4
1993	8.0	6.2	10.6	21.3	34.2	46.8	77.6	101.0	136.4	144.0
1992	8.0	6.1	13.8	22.7	33.7	50.2	78.8	91.2	122.3	133.8
1991	8.6	8.2	14.2	23.7	38.1	61.1	71.4	106.0	114.4	159.7
1990	8.6	9.6	16.4	23.3	34.2	47.8	83.6	110.3	119.7	168.3
1989	9.0	8.9	16.1	25.5	37.9	58.5	94.3	99.5	116.5	144.4
1988	8.8	6.2	13.7	27.3	40.3	60.2	77.5	106.8	125.6	148.1
1987	8.5	5.9	15.0	22.6	36.6	57.0	80.5	96.3	142.0	129.9
1986	9.0	8.6	15.5	21.9	36.2	61.2	87.2	102.9	126.9	154.7
1985	8.8	7.5	15.7	24.1	39.3	60.3	80.7	93.2	128.8	142.5
1984	9.1	8.2	13.2	25.5	39.7	62.1	85.1	97.0	155.4	152.8
1983	9.5	9.3	14.6	27.8	42.1	58.6	93.9	95.9	160.8	142.0
1982	9.7	8.7	16.0	26.6	50.5	58.1	91.3	102.1	141.5	174.6
1981	9.5	9.8	15.5	30.5	36.9	61.6	94.3	101.6	142.9	134.4
1980	9.7	7.9	15.7	27.1	42.4	62.0	86.1	117.2	149.0	146.5
1979	10.2	8.9	18.0	33.2	45.5	67.2	93.2	111.4	125.6	139.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of stomach (151)										
All other, female										
1998	4.7	2.4	5.6	7.7	11.0	17.0	27.8	36.0	52.1	86.8
1997	4.8	2.5	4.0	7.1	10.9	18.1	28.7	46.0	50.0	92.4
1996	4.9	4.1	4.9	6.9	11.7	17.9	27.0	38.7	61.6	97.9
1995	5.4	4.0	5.0	9.6	14.1	19.9	33.1	42.0	64.5	97.9
1994	5.0	3.3	5.3	7.3	12.7	18.4	32.0	44.5	65.2	84.8
1993	5.0	2.8	6.3	9.4	13.0	18.6	28.7	43.3	57.8	103.4
1992	5.3	2.7	5.2	11.1	15.6	19.6	28.8	44.5	60.7	104.7
1991	5.2	3.3	5.2	10.5	15.6	20.1	28.8	39.7	67.2	101.4
1990	5.3	3.7	6.0	10.1	14.7	21.9	32.0	47.4	53.4	105.0
1989	5.1	2.7	5.7	7.1	14.3	22.1	33.5	39.2	63.7	98.3
1988	4.9	4.1	4.6	9.3	13.5	19.1	28.1	42.4	62.3	95.3
1987	5.2	4.2	5.7	8.5	15.2	24.3	33.4	41.1	73.0	82.2
1986	5.3	4.3	6.2	10.2	14.7	22.4	33.9	42.0	67.2	85.9
1985	5.2	2.9	6.3	10.0	15.2	21.3	33.6	43.9	73.3	94.7
1984	5.4	4.2	7.1	10.6	14.0	21.2	36.9	46.7	71.5	89.0
1983	5.5	3.1	7.0	11.4	16.6	27.7	35.7	46.6	65.5	89.9
1982	5.2	4.2	5.4	11.2	19.8	22.5	34.7	41.4	62.4	71.4
1981	5.7	4.5	8.1	11.5	18.7	23.2	41.3	44.7	76.7	92.9
1980	5.4	3.7	7.5	12.0	14.7	23.6	43.1	47.1	67.6	74.2
1979	5.8	3.4	7.9	11.5	18.7	27.3	41.7	52.3	73.2	74.6
Malignant neoplasm of stomach (151)										
Black, both sexes										
1998	6.1	4.4	8.0	11.8	18.7	30.2	41.8	57.1	71.2	98.9
1997	6.3	4.0	8.0	12.7	19.4	29.4	42.0	63.5	74.8	105.9
1996	6.5	5.9	7.1	12.9	21.4	26.9	47.0	60.4	77.2	116.0
1995	6.7	5.3	8.7	13.9	25.3	30.2	51.6	55.9	80.1	110.5
1994	6.6	5.1	7.8	14.0	23.6	32.5	51.0	57.1	87.3	99.1
1993	6.9	4.8	8.7	15.3	23.6	31.6	49.8	64.3	84.3	115.5
1992	6.9	4.5	9.1	16.5	23.6	32.9	50.0	61.0	82.3	110.7
1991	7.5	6.3	9.8	17.8	27.9	38.9	48.2	66.9	89.6	113.1
1990	7.4	7.0	11.2	17.0	24.5	34.4	52.8	69.1	79.4	123.1
1989	7.5	5.5	10.7	17.5	26.3	39.4	58.0	63.0	83.7	108.2
1988	7.1	5.2	9.3	16.7	25.5	36.8	47.9	70.0	84.9	107.5
1987	7.3	5.0	10.0	15.1	25.2	40.1	54.0	62.5	99.2	100.5
1986	7.3	5.8	10.3	15.3	24.9	39.2	55.9	69.3	85.9	101.5
1985	7.3	4.9	11.2	16.9	26.4	37.6	53.6	63.9	97.1	110.8
1984	7.6	6.5	9.9	18.3	26.1	39.8	56.7	69.7	98.3	105.3
1983	7.8	5.6	10.7	19.4	29.5	42.8	63.5	66.2	98.2	103.3
1982	7.7	6.2	10.2	17.9	34.3	36.7	61.1	68.0	95.4	105.1
1981	7.8	6.6	11.8	20.6	27.3	40.6	65.4	66.4	100.0	106.0
1980	7.7	5.5	11.4	19.2	27.9	40.6	64.0	75.5	93.9	92.4
1979	8.1	6.5	12.0	22.0	31.5	44.7	65.7	74.2	90.0	94.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of stomach (151)										
Black, male										
1998	7.5	7.0	11.0	16.3	28.6	47.5	64.3	91.2	110.9	124.4
1997	7.8	6.1	12.5	19.7	32.1	46.2	65.9	89.2	130.3	145.2
1996	8.0	8.2	9.4	20.6	34.6	39.7	74.4	95.8	118.5	165.7
1995	8.0	7.9	14.0	21.1	40.4	44.2	75.2	85.0	113.0	137.4
1994	8.2	7.8	11.6	22.0	38.7	50.8	78.4	82.5	127.6	143.6
1993	8.7	6.7	12.0	24.6	38.6	48.1	80.9	102.5	135.4	147.1
1992	8.4	6.9	15.0	21.6	36.0	50.6	81.5	88.3	125.7	131.7
1991	9.6	9.5	15.8	27.7	42.6	64.8	76.6	108.7	131.6	150.8
1990	9.3	10.9	18.3	26.3	35.6	51.9	84.6	105.2	125.1	164.5
1989	9.7	9.3	17.8	30.1	41.5	60.2	92.9	105.1	120.6	145.5
1988	9.4	7.3	15.0	28.1	41.6	63.6	76.4	113.6	124.5	138.5
1987	9.3	5.7	17.0	22.8	39.3	62.8	83.5	99.4	144.6	139.1
1986	9.5	8.8	16.1	22.4	38.6	63.0	90.3	108.1	124.4	147.6
1985	9.4	7.7	17.8	25.1	40.4	60.2	83.3	94.1	139.1	141.9
1984	9.8	9.0	14.1	27.7	41.4	65.3	85.3	104.2	158.3	152.5
1983	10.2	9.8	16.1	28.2	45.4	63.6	100.8	98.2	152.4	138.3
1982	10.5	9.1	17.6	26.9	52.1	57.5	99.2	108.1	147.5	182.8
1981	10.0	10.3	16.6	31.8	38.3	64.6	97.9	101.3	139.0	133.9
1980	10.1	8.1	16.6	27.6	43.8	62.9	90.8	122.9	139.9	139.6
1979	10.5	9.7	17.8	34.7	48.1	67.2	98.7	105.6	119.5	136.5
Malignant neoplasm of stomach (151)										
Black, female										
1998	4.9	2.2	5.6	8.2	11.0	17.4	27.0	36.5	51.8	89.3
1997	4.9	2.2	4.1	7.1	9.5	17.0	26.3	48.1	48.0	90.9
1996	5.1	4.0	5.2	6.8	11.2	17.4	29.0	39.3	57.2	97.0
1995	5.5	3.0	4.4	8.2	13.5	19.9	36.2	38.5	64.1	100.1
1994	5.2	2.8	4.6	7.7	11.8	18.9	33.0	42.1	67.5	81.7
1993	5.3	3.3	6.0	7.8	12.0	19.5	29.2	42.2	58.7	103.1
1992	5.6	2.4	4.2	12.3	14.1	19.9	29.2	45.3	60.3	102.2
1991	5.6	3.7	4.8	9.9	16.7	20.0	29.4	42.6	68.3	97.7
1990	5.7	3.8	5.4	9.6	16.1	21.8	31.9	47.9	55.8	105.5
1989	5.4	*	4.9	7.4	14.7	24.3	35.1	38.2	64.3	92.8
1988	5.1	3.5	4.6	7.5	13.3	17.3	28.9	43.9	64.0	94.0
1987	5.5	4.4	4.2	9.0	14.5	23.5	34.4	40.1	74.9	83.3
1986	5.3	3.3	5.5	9.5	14.4	21.8	33.0	45.6	64.8	80.4
1985	5.5	*	5.9	10.2	15.5	21.0	33.9	45.1	74.1	96.2
1984	5.6	4.5	6.5	10.6	14.2	21.0	37.6	48.1	65.1	82.9
1983	5.7	*	6.3	12.3	17.2	27.5	38.3	45.6	67.6	86.3
1982	5.2	3.8	4.2	10.5	20.3	21.4	34.9	42.6	65.2	66.9
1981	5.9	3.5	8.0	11.6	18.7	23.1	42.7	43.9	77.3	91.2
1980	5.5	3.3	7.2	12.4	15.4	24.0	44.9	44.7	66.3	68.8
1979	5.9	3.8	7.3	11.6	18.4	27.9	42.0	52.5	71.8	73.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of colon, rectum and anus (153-154)										
All races, both sexes										
1998	20.6	7.6	15.1	26.3	43.2	66.5	94.0	127.5	178.8	269.9
1997	20.7	8.4	14.8	26.5	44.2	65.8	95.4	128.7	182.3	274.9
1996	21.0	8.1	14.4	27.0	46.3	68.1	98.3	131.4	185.3	276.1
1995	21.5	7.9	15.4	28.9	46.8	70.2	101.6	138.0	192.3	277.6
1994	21.7	8.4	16.7	28.9	47.1	72.0	101.6	138.1	196.8	279.7
1993	21.9	8.0	16.5	29.2	48.2	71.9	105.2	143.8	194.0	288.5
1992	22.0	8.2	16.5	30.0	48.1	73.5	102.9	144.8	204.8	289.5
1991	22.2	8.3	16.9	31.9	49.8	73.7	104.8	148.6	203.0	292.4
1990	22.7	8.8	17.8	30.3	50.3	77.1	109.7	154.7	211.0	300.9
1989	22.8	8.2	17.5	31.1	51.3	76.4	114.4	156.3	211.8	299.1
1988	22.9	9.0	17.7	31.7	52.6	78.9	115.6	155.1	207.3	298.1
1987	23.3	9.6	19.0	33.5	54.4	79.2	118.0	160.5	214.8	293.4
1986	23.2	9.5	18.9	32.9	53.6	81.9	121.5	158.8	219.3	297.4
1985	23.7	9.8	18.3	34.4	56.1	83.1	122.5	167.7	224.7	304.8
1984	23.9	9.2	19.5	35.5	56.3	86.3	123.7	169.0	226.5	309.6
1983	23.4	9.8	19.0	34.7	55.7	83.2	123.9	167.8	225.5	303.7
1982	23.3	9.6	19.0	34.8	55.3	84.9	122.1	170.3	229.1	302.2
1981	23.2	10.4	19.2	35.1	54.7	84.6	123.7	172.0	232.7	304.0
1980	23.5	10.1	19.6	35.6	56.0	88.3	127.5	175.5	237.8	309.0
1979	23.3	10.3	20.2	35.5	57.7	86.4	129.9	173.0	237.9	296.0
Malignant neoplasms of colon, rectum and anus (153-154)										
All races, male										
1998	20.7	8.4	17.7	31.6	52.9	83.0	116.6	160.0	216.5	313.4
1997	20.9	9.2	17.4	31.0	54.8	84.1	120.0	162.4	226.1	319.6
1996	21.1	9.2	16.5	31.8	57.6	85.7	125.1	158.8	231.8	330.5
1995	21.7	9.1	17.6	34.5	58.3	88.2	125.7	169.6	240.0	339.1
1994	22.0	9.2	20.0	34.2	57.1	90.7	127.8	173.9	249.4	338.6
1993	22.0	9.1	18.9	35.0	58.9	88.7	132.2	182.7	239.8	347.2
1992	22.4	9.3	18.6	35.3	60.0	93.5	129.0	184.0	258.0	362.9
1991	22.5	9.1	19.5	36.7	61.2	93.7	130.7	188.2	258.5	360.4
1990	23.2	9.6	20.5	36.4	62.1	97.6	138.4	200.4	270.7	374.6
1989	23.1	9.3	19.8	37.6	63.5	95.1	145.7	195.7	267.0	361.9
1988	23.2	10.0	19.7	36.5	64.9	96.3	147.0	197.3	266.5	357.9
1987	23.6	10.4	21.3	39.2	66.4	98.8	148.3	203.5	274.1	361.5
1986	23.5	10.3	20.7	38.6	64.7	100.1	155.1	201.1	279.7	357.5
1985	23.9	10.8	20.5	40.3	67.5	102.9	154.9	209.9	277.6	358.2
1984	23.9	9.6	21.8	41.3	67.0	104.5	154.4	212.3	281.8	366.9
1983	23.7	11.0	21.2	39.8	66.8	101.2	155.2	212.1	286.9	367.6
1982	23.3	9.9	20.7	40.5	65.2	102.9	151.4	210.0	281.7	372.9
1981	23.2	11.0	20.9	39.1	65.1	103.2	155.9	209.2	282.3	366.6
1980	23.6	11.1	21.2	40.4	64.9	108.9	154.9	221.1	288.4	378.6
1979	23.3	10.3	22.2	39.6	66.3	103.6	161.5	210.2	294.7	355.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of colon, rectum and anus (153-154)										
All races, female										
1998	20.5	6.8	12.5	21.3	34.5	52.5	76.4	104.9	157.0	252.7
1997	20.5	7.7	12.3	22.4	34.6	50.3	76.5	105.4	157.3	257.4
1996	20.8	7.0	12.3	22.5	36.1	53.3	77.7	112.7	159.0	255.0
1995	21.4	6.8	13.3	23.8	36.5	55.1	83.1	116.7	165.8	253.8
1994	21.4	7.7	13.6	24.1	38.2	56.5	81.7	114.1	168.1	257.2
1993	21.8	7.0	14.2	23.9	38.7	58.1	84.7	118.1	169.2	266.0
1992	21.7	7.1	14.6	25.1	37.6	57.1	83.2	119.0	176.2	261.5
1991	22.0	7.6	14.4	27.4	39.8	57.4	85.3	122.7	173.4	266.3
1990	22.2	8.0	15.3	24.7	40.0	60.5	88.4	125.3	179.3	272.5
1989	22.5	7.2	15.2	25.1	40.8	61.3	91.2	131.0	182.6	274.6
1988	22.6	7.9	15.9	27.4	42.0	64.7	92.5	128.1	176.1	274.8
1987	22.9	8.9	16.8	28.4	44.1	63.3	95.9	133.3	183.7	266.6
1986	23.0	8.7	17.2	27.8	44.1	67.0	97.1	132.2	187.6	273.6
1985	23.6	8.8	16.2	29.1	46.2	67.2	99.0	141.1	197.0	283.5
1984	23.8	8.7	17.5	30.2	47.1	71.6	101.4	141.7	197.4	286.4
1983	23.1	8.6	16.9	30.1	46.1	68.7	101.4	140.0	193.1	277.5
1982	23.2	9.3	17.4	29.8	46.7	70.4	101.0	145.4	201.4	272.7
1981	23.2	9.8	17.6	31.5	45.6	69.7	100.4	148.7	206.3	277.2
1980	23.4	9.1	18.1	31.4	48.3	71.8	107.7	146.9	210.9	278.6
1979	23.3	10.4	18.3	31.9	50.2	72.7	107.1	149.6	207.4	269.5
Malignant neoplasms of colon, rectum and anus (153-154)										
White, both sexes										
1998	21.7	7.1	13.9	25.4	41.3	65.0	91.4	125.5	176.7	269.0
1997	21.8	7.8	14.2	25.3	42.5	64.4	92.4	127.3	179.6	272.8
1996	22.1	7.5	13.5	25.5	44.9	66.8	96.1	129.5	183.0	276.5
1995	22.7	7.3	14.5	28.1	45.6	68.0	99.1	136.0	190.9	277.0
1994	22.9	7.8	15.7	27.8	46.0	70.4	100.1	136.9	194.9	280.5
1993	23.1	7.4	15.6	28.0	47.0	70.3	103.0	141.8	192.9	288.2
1992	23.2	7.7	15.8	29.0	47.2	71.6	100.9	143.8	203.9	290.2
1991	23.4	7.9	16.1	30.6	48.8	72.5	103.0	147.5	200.7	291.6
1990	23.9	8.2	16.7	29.1	49.3	75.2	108.7	153.0	209.9	301.6
1989	24.0	7.9	16.6	30.1	50.5	74.9	113.3	154.3	211.3	299.7
1988	24.1	8.8	17.1	30.8	51.6	77.3	115.5	155.0	208.1	299.0
1987	24.5	9.2	18.3	32.6	52.9	77.9	117.8	159.9	214.5	297.4
1986	24.5	9.0	18.4	32.6	52.7	81.2	121.0	158.0	218.8	299.8
1985	24.9	9.3	17.7	33.7	55.0	82.5	120.9	168.1	224.8	307.4
1984	25.2	8.7	19.1	34.5	55.4	86.2	123.3	170.6	225.8	314.0
1983	24.7	9.5	18.7	34.5	54.9	82.5	123.7	168.8	226.3	309.0
1982	24.5	9.2	18.4	33.9	54.5	85.3	121.6	171.6	229.9	307.1
1981	24.4	10.0	18.7	34.4	54.4	84.7	123.9	172.3	233.4	310.1
1980	24.7	9.9	19.0	35.3	55.5	88.2	127.5	177.3	239.2	314.0
1979	24.4	10.0	19.5	35.1	57.1	86.8	129.9	173.5	241.5	303.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of colon, rectum and anus (153-154)										
White, male										
1998	21.8	8.0	16.4	30.8	50.9	81.8	114.1	158.4	213.5	314.5
1997	22.0	8.4	16.8	29.0	52.8	82.8	117.0	160.8	224.9	318.3
1996	22.3	8.7	15.8	30.1	56.4	84.7	122.4	157.1	230.2	332.6
1995	22.8	8.5	16.7	34.0	56.7	86.2	122.6	167.1	238.4	339.4
1994	23.2	8.5	19.1	32.8	55.9	89.4	125.3	172.6	248.9	341.6
1993	23.2	8.4	18.2	33.5	57.5	87.6	130.7	181.5	239.2	346.4
1992	23.6	9.0	17.9	34.5	59.2	91.5	127.6	181.7	257.8	364.8
1991	23.7	8.5	18.4	35.4	60.1	93.0	129.9	188.5	257.4	359.2
1990	24.4	9.1	19.5	35.5	61.0	95.7	137.9	198.6	270.9	375.6
1989	24.3	8.9	18.6	36.7	63.3	94.0	144.7	193.0	267.7	363.2
1988	24.4	10.0	19.0	35.5	63.7	95.4	146.8	198.8	270.1	361.6
1987	24.9	10.1	20.6	38.3	64.8	97.9	148.9	203.6	275.8	367.7
1986	24.7	10.0	20.2	38.4	63.9	99.6	155.2	200.0	281.9	360.2
1985	25.1	10.4	20.1	40.0	66.5	102.5	153.5	212.5	279.2	366.7
1984	25.2	9.0	21.0	40.5	66.2	104.9	154.2	216.0	283.1	374.4
1983	25.0	10.7	21.0	39.6	66.0	100.9	156.4	215.0	290.0	377.5
1982	24.5	9.5	20.3	40.0	64.5	103.5	152.0	212.5	282.7	381.4
1981	24.4	10.3	20.7	38.9	65.1	103.6	158.0	210.1	284.2	377.1
1980	24.8	10.9	20.7	39.9	64.4	109.4	156.1	224.5	291.2	386.1
1979	24.5	10.1	21.6	39.4	66.3	104.9	163.3	214.2	299.3	365.5
Malignant neoplasms of colon, rectum and anus (153-154)										
White, female										
1998	21.6	6.3	11.5	20.3	32.6	50.5	73.6	102.5	155.2	251.0
1997	21.6	7.2	11.7	21.7	32.9	48.5	73.2	104.1	153.7	255.0
1996	21.9	6.3	11.2	21.2	34.3	51.5	75.6	110.5	156.3	254.9
1995	22.5	6.2	12.4	22.6	35.4	52.5	80.9	114.7	164.4	253.2
1994	22.6	7.1	12.5	23.0	37.0	54.6	80.5	112.9	165.3	257.4
1993	23.0	6.5	13.0	22.7	37.5	56.0	81.7	115.3	167.7	266.2
1992	22.9	6.5	13.8	23.8	36.4	55.1	80.5	118.6	175.0	262.1
1991	23.1	7.2	13.9	26.2	38.8	55.6	82.6	120.6	170.7	266.1
1990	23.4	7.4	14.1	23.2	38.9	58.4	86.8	123.6	177.6	273.5
1989	23.7	7.0	14.8	23.9	39.2	59.2	89.8	129.4	181.7	275.6
1988	23.8	7.6	15.3	26.5	41.0	62.5	92.3	127.2	175.8	275.0
1987	24.1	8.3	16.1	27.3	42.5	61.4	94.9	132.2	182.6	270.2
1986	24.3	8.1	16.6	27.3	42.8	66.1	96.0	131.6	186.0	276.2
1985	24.8	8.2	15.4	27.9	44.9	66.2	97.1	140.2	196.5	284.2
1984	25.2	8.3	17.3	28.9	46.0	71.1	100.9	142.2	196.0	290.1
1983	24.4	8.4	16.5	29.8	45.2	67.6	100.0	140.0	193.0	281.4
1982	24.5	8.9	16.7	28.4	45.8	70.6	99.6	146.1	202.2	276.7
1981	24.4	9.7	16.9	30.4	45.1	69.5	99.4	148.7	206.7	282.0
1980	24.7	8.9	17.4	31.1	47.7	71.2	106.8	148.0	211.9	282.9
1979	24.4	9.9	17.5	31.3	49.2	72.2	105.9	148.4	210.9	276.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of colon, rectum and anus (153-154)										
All other, both sexes										
1998	15.6	10.2	21.9	31.5	54.7	76.9	114.9	144.7	199.9	279.1
1997	15.7	12.1	18.1	34.0	54.8	75.9	120.5	140.9	208.9	296.4
1996	15.6	11.6	19.7	35.8	55.4	77.9	117.1	148.6	207.8	272.7
1995	16.0	11.4	20.4	33.8	55.1	86.3	123.1	157.3	206.5	283.0
1994	15.8	12.1	22.9	36.3	54.6	83.8	115.4	149.0	216.3	271.4
1993	16.1	11.8	22.3	37.2	56.5	84.4	125.0	162.8	205.4	291.1
1992	15.9	11.0	20.8	36.6	54.7	88.6	120.8	154.6	214.5	282.9
1991	16.2	11.2	21.8	39.9	57.0	83.2	120.9	158.6	226.4	300.5
1990	16.7	12.4	24.8	38.3	57.8	92.8	118.9	170.4	222.9	293.3
1989	16.4	10.2	22.7	37.8	57.9	89.4	124.4	175.0	216.8	291.8
1988	16.1	9.9	21.8	37.8	61.1	92.4	116.6	155.4	198.8	288.7
1987	16.6	12.1	23.4	40.5	66.2	90.8	120.2	166.6	217.9	250.8
1986	16.3	12.0	22.5	35.1	61.6	87.4	125.8	166.7	224.6	271.9
1985	16.9	13.0	22.2	39.6	65.3	88.5	137.5	163.8	224.3	276.2
1984	16.4	12.3	22.7	43.3	63.8	86.4	126.7	153.4	233.7	261.3
1983	15.9	11.3	21.0	36.3	62.1	89.0	126.3	158.0	216.4	245.7
1982	16.0	12.1	22.9	42.0	62.0	81.1	127.6	158.2	220.2	247.5
1981	15.9	13.0	22.5	41.1	57.0	83.9	121.7	169.2	224.5	235.3
1980	16.0	11.2	24.2	39.0	60.6	88.8	128.0	157.9	220.8	251.9
1979	15.9	12.7	25.7	38.8	62.9	83.3	130.1	167.7	194.6	206.3
Malignant neoplasms of colon, rectum and anus (153-154)										
All other, male										
1998	15.5	10.9	26.1	36.9	66.1	92.2	139.1	175.1	247.8	302.9
1997	15.9	13.8	21.3	43.8	68.1	94.5	147.1	178.1	238.9	331.8
1996	15.5	12.5	21.2	43.0	66.2	93.8	149.7	174.9	249.0	311.3
1995	16.1	12.8	23.3	37.7	69.9	104.2	154.7	193.2	255.9	336.1
1994	16.1	13.5	26.2	43.6	65.8	101.6	151.1	187.3	254.3	309.9
1993	15.9	13.6	23.6	44.6	69.2	98.3	146.3	194.3	245.4	354.1
1992	16.1	11.5	23.2	40.9	66.4	110.4	142.3	207.0	260.1	345.2
1991	16.0	13.1	26.5	46.3	70.0	99.4	138.3	185.2	269.8	371.1
1990	16.9	12.8	27.4	43.4	70.9	114.1	143.0	217.6	268.5	364.9
1989	16.7	11.7	28.3	43.8	64.9	104.2	155.7	221.2	260.3	349.4
1988	16.1	10.4	24.5	43.8	75.8	105.0	148.2	183.6	230.8	324.1
1987	16.7	12.1	26.1	46.2	79.2	107.2	142.7	202.3	257.1	303.9
1986	16.4	12.0	24.1	40.1	71.5	104.3	154.3	211.4	257.4	332.0
1985	16.6	13.5	23.9	42.6	76.4	105.8	168.3	185.0	260.6	278.1
1984	16.6	14.1	27.5	47.5	74.1	100.5	156.4	178.2	268.3	297.2
1983	16.0	12.6	23.2	41.5	73.7	104.3	143.7	185.8	254.6	272.5
1982	16.2	13.3	23.5	44.3	72.6	97.5	146.0	187.4	271.3	291.0
1981	15.8	16.1	22.4	41.5	65.2	100.0	136.7	200.5	262.6	262.5
1980	16.2	12.0	25.0	44.9	69.8	104.0	143.9	189.8	257.9	301.2
1979	15.7	11.7	27.0	41.2	66.9	91.7	144.3	174.5	245.3	254.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of colon, rectum and anus (153-154)										
All other, female										
1998	15.6	9.5	18.2	27.0	45.6	65.5	98.3	125.3	174.6	269.1
1997	15.5	10.5	15.3	25.9	44.1	62.0	102.3	117.4	193.0	281.4
1996	15.6	10.7	18.5	29.9	46.9	66.1	94.9	132.0	185.8	256.4
1995	15.9	10.2	18.0	30.6	43.5	73.0	101.4	134.9	180.2	260.3
1994	15.6	10.8	20.0	30.2	46.0	70.6	91.0	125.3	195.9	254.9
1993	16.2	10.2	21.2	31.0	46.7	74.1	110.3	143.5	183.5	263.9
1992	15.8	10.6	18.7	33.0	45.7	72.4	106.1	122.6	189.3	255.6
1991	16.3	9.7	17.7	34.8	47.0	71.3	108.9	142.2	202.3	269.3
1990	16.4	11.9	22.6	34.3	47.8	77.0	102.5	141.1	197.1	260.8
1989	16.2	8.9	17.9	32.9	52.5	78.2	103.0	146.2	192.9	263.6
1988	16.2	9.5	19.6	33.0	49.8	83.0	94.9	137.2	179.4	272.2
1987	16.5	12.0	21.2	35.9	56.2	78.5	104.9	143.8	195.4	225.8
1986	16.1	12.1	21.1	31.1	54.0	74.7	106.3	138.3	205.8	242.9
1985	17.1	12.6	20.7	37.2	56.6	75.4	115.9	150.0	203.3	275.3
1984	16.2	10.8	18.8	39.8	55.7	75.8	106.1	136.8	213.4	243.4
1983	15.9	10.2	19.3	32.1	52.9	77.6	114.3	139.5	193.9	232.4
1982	15.9	11.2	22.4	40.1	53.6	68.8	114.0	138.6	191.1	225.6
1981	15.9	10.3	22.6	40.7	50.3	71.8	110.3	148.0	201.3	219.7
1980	15.8	10.5	23.5	34.1	53.3	77.2	116.2	136.1	197.9	226.7
1979	16.1	13.6	24.7	36.8	59.6	76.8	119.0	161.6	163.0	183.3
Malignant neoplasms of colon, rectum and anus (153-154)										
Black, both sexes										
1998	18.5	12.0	26.7	37.9	66.0	88.5	134.7	166.2	220.6	300.4
1997	18.7	14.3	21.6	41.3	66.4	87.9	141.4	158.7	230.7	322.6
1996	18.5	13.7	23.6	43.8	64.1	89.9	137.9	164.7	227.8	293.5
1995	19.0	13.9	24.3	41.0	64.9	99.4	142.7	175.8	230.1	298.9
1994	18.7	14.4	27.5	44.1	63.4	96.5	129.6	165.4	233.2	291.3
1993	19.0	13.9	27.7	42.9	64.9	97.0	142.0	181.4	224.7	307.6
1992	18.7	12.6	24.3	42.5	61.1	100.3	134.7	171.8	239.8	302.7
1991	19.1	13.5	25.8	47.1	64.6	94.2	133.3	175.1	247.7	322.5
1990	19.7	15.1	28.9	44.6	66.0	104.1	132.7	189.2	240.0	315.3
1989	19.1	11.5	27.3	43.9	64.7	100.6	135.1	189.1	231.2	305.5
1988	18.8	11.0	24.5	42.7	68.4	105.9	127.8	171.5	210.7	301.4
1987	19.1	13.0	27.4	46.0	74.9	101.9	131.8	179.1	234.6	262.5
1986	18.8	13.9	25.9	39.2	67.9	96.2	138.8	179.7	242.4	291.0
1985	19.2	15.0	25.1	44.0	72.5	95.4	147.9	178.1	235.9	293.3
1984	18.6	14.2	25.4	47.5	69.9	93.5	139.4	167.2	249.6	266.8
1983	18.1	13.0	23.1	40.8	68.4	99.0	136.9	171.9	230.4	247.3
1982	18.1	13.9	25.3	46.7	68.1	86.9	138.4	168.8	233.5	260.2
1981	17.7	15.0	24.2	44.9	59.7	90.7	132.0	180.8	234.9	247.0
1980	17.7	12.6	26.2	42.1	65.4	93.8	138.4	166.3	234.8	262.8
1979	17.2	13.5	26.7	41.3	66.9	87.2	137.6	173.5	203.5	206.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of colon, rectum and anus (153-154)										
Black, male										
1998	18.2	12.8	32.0	45.0	80.0	106.2	163.0	198.6	277.7	348.0
1997	18.7	16.6	26.4	53.7	82.2	109.7	177.1	200.4	267.9	374.0
1996	18.4	15.4	26.6	54.1	76.5	107.1	177.9	196.6	282.5	342.8
1995	19.0	15.7	27.6	46.0	80.7	119.1	180.2	219.0	295.9	378.8
1994	18.9	16.4	31.7	52.8	75.5	118.0	172.2	209.2	287.9	343.1
1993	18.8	16.6	29.8	52.2	79.7	113.6	166.9	221.5	275.5	381.3
1992	18.8	13.1	27.5	47.7	75.1	124.6	159.2	230.8	303.3	383.9
1991	18.7	16.1	31.3	55.5	78.4	113.2	151.3	204.5	300.0	413.1
1990	19.9	15.7	32.8	51.5	80.4	127.5	160.9	244.0	302.0	395.4
1989	19.1	13.7	35.4	51.9	69.2	117.9	166.7	240.4	278.4	374.2
1988	18.5	11.3	28.2	49.8	84.2	118.5	162.8	201.7	257.4	340.0
1987	19.0	13.7	30.7	52.6	89.7	120.7	157.4	212.0	277.2	317.2
1986	18.7	15.0	27.9	44.0	78.3	113.7	169.0	227.9	272.2	361.9
1985	18.5	15.5	26.3	46.7	85.5	112.4	181.3	198.2	265.5	300.0
1984	18.8	16.8	30.8	51.9	79.7	109.5	175.5	195.2	291.7	309.8
1983	17.9	14.8	24.8	46.2	79.9	115.8	156.6	201.8	268.3	273.3
1982	18.0	15.3	25.5	48.4	79.1	103.0	158.7	200.0	287.5	306.9
1981	17.5	19.3	23.3	45.3	66.8	106.3	150.2	217.1	276.6	271.4
1980	17.7	13.9	27.4	48.5	75.9	109.2	156.4	198.1	265.2	315.0
1979	16.7	12.6	28.0	44.0	71.0	94.7	150.0	182.0	253.2	250.0
Malignant neoplasms of colon, rectum and anus (153-154)										
Black, female										
1998	18.8	11.2	22.2	32.0	55.0	75.4	116.0	146.5	192.7	282.4
1997	18.7	12.4	17.6	31.3	54.1	71.7	117.9	133.7	212.7	303.1
1996	18.6	12.3	21.2	35.4	54.4	77.2	111.7	145.6	201.2	274.7
1995	19.0	12.4	21.6	37.1	52.8	84.9	118.2	150.1	198.1	267.9
1994	18.5	12.7	24.0	37.2	54.0	80.5	101.7	139.7	206.2	271.0
1993	19.3	11.6	25.9	35.4	53.5	84.8	125.4	158.2	199.2	278.4
1992	18.7	12.2	21.7	38.4	50.3	82.5	118.5	137.8	207.6	270.0
1991	19.4	11.4	21.2	40.5	54.0	80.5	121.4	158.0	221.2	285.2
1990	19.5	14.6	25.6	39.1	55.1	87.2	114.3	157.1	208.0	281.4
1989	19.1	9.7	20.7	37.4	61.2	88.0	114.7	158.8	206.5	277.8
1988	19.0	10.7	21.4	37.0	56.4	96.7	104.5	153.4	186.0	284.6
1987	19.2	12.5	24.7	40.8	63.6	88.2	114.6	159.2	211.7	238.2
1986	18.9	13.0	24.3	35.3	60.1	83.3	118.6	150.2	226.1	258.7
1985	19.8	14.6	24.1	41.8	62.4	82.9	125.8	165.6	219.6	290.2
1984	18.5	12.1	21.0	43.9	62.4	81.6	115.3	149.6	226.3	246.5
1983	18.2	11.5	21.8	36.4	59.6	86.6	123.9	152.1	209.0	234.7
1982	18.2	12.8	25.2	45.3	59.6	75.1	124.4	149.4	202.2	237.3
1981	17.9	11.5	24.9	44.5	54.1	79.4	119.3	157.4	210.6	232.7
1980	17.6	11.6	25.2	36.9	57.1	82.2	125.5	145.6	216.5	236.7
1979	17.7	14.2	25.6	39.1	63.7	81.6	128.7	166.9	172.6	184.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
All races, both sexes										
1998	4.5	3.4	4.9	7.0	11.3	16.5	21.5	27.1	31.7	32.3
1997	4.4	2.9	4.6	7.2	11.1	16.5	21.3	26.8	30.6	32.3
1996	4.3	2.6	4.3	6.8	11.1	16.6	21.9	25.1	29.6	33.9
1995	4.2	2.5	3.9	6.9	12.1	15.4	21.5	25.7	29.7	31.7
1994	4.0	2.3	3.8	6.6	11.0	14.6	19.6	24.4	28.7	30.0
1993	3.9	2.1	3.7	6.5	10.3	14.9	19.6	23.7	28.0	30.6
1992	3.7	2.1	3.6	6.2	10.5	13.9	18.1	23.4	27.4	28.7
1991	3.5	1.9	3.2	5.7	9.5	13.1	17.4	22.3	26.1	28.6
1990	3.4	1.9	3.6	5.7	9.4	12.8	17.6	21.2	25.1	27.7
1989	3.2	1.7	3.2	5.6	8.8	12.5	16.5	20.0	24.4	26.1
1988	3.1	1.5	2.9	6.0	8.5	12.1	15.4	18.9	23.4	25.0
1987	3.0	1.7	3.0	5.2	7.5	11.6	15.8	19.0	22.4	23.1
1986	2.9	1.5	3.3	4.9	7.7	11.1	15.1	19.5	22.0	22.1
1985	2.9	1.9	3.1	4.8	7.5	11.1	15.6	18.1	21.0	21.9
1984	2.8	1.4	3.2	4.7	7.6	11.0	13.8	17.5	21.4	21.3
1983	2.7	1.9	2.9	4.7	7.4	10.3	14.0	17.0	18.7	20.9
1982	2.7	1.4	2.7	4.6	7.1	10.8	13.9	17.5	20.7	22.0
1981	2.6	1.7	2.8	4.6	6.7	10.0	14.3	17.1	19.4	22.2
1980	2.5	1.6	2.5	4.5	6.9	10.0	13.5	15.7	19.4	21.4
1979	2.5	1.5	2.7	4.6	7.4	10.7	13.8	15.7	18.2	20.9
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
All races, male										
1998	5.8	5.5	7.9	10.4	16.9	24.1	31.5	39.6	46.2	43.9
1997	5.5	4.7	6.7	10.9	15.9	23.5	31.4	37.6	42.1	48.9
1996	5.4	4.1	6.2	10.1	16.8	23.6	32.7	34.8	42.0	49.5
1995	5.2	3.8	5.4	9.8	18.0	21.5	31.4	36.1	45.5	46.6
1994	5.0	3.4	5.5	9.7	16.1	21.8	26.7	36.6	42.9	43.7
1993	4.8	3.0	5.4	9.0	14.9	21.9	28.2	33.8	40.0	45.1
1992	4.7	3.0	5.2	9.2	15.8	20.8	27.0	34.2	38.8	42.5
1991	4.3	2.5	4.5	8.3	13.7	19.5	25.2	32.3	37.0	42.5
1990	4.3	2.6	5.2	8.4	13.6	18.3	25.6	31.6	37.8	41.6
1989	4.1	2.4	4.2	8.2	13.2	18.5	25.6	29.7	36.5	35.6
1988	3.9	2.0	4.0	9.3	12.5	18.7	22.2	27.7	32.9	38.5
1987	3.7	2.4	4.1	7.3	11.1	17.3	23.2	27.7	32.0	29.7
1986	3.6	1.9	4.7	7.5	11.5	16.5	21.1	27.8	34.0	29.9
1985	3.5	2.7	3.9	7.0	10.4	15.8	22.5	26.7	31.9	28.9
1984	3.4	2.0	4.2	7.2	11.0	15.8	20.4	25.9	32.9	29.3
1983	3.3	2.5	3.9	6.8	11.0	15.5	20.5	26.1	26.6	27.9
1982	3.3	1.9	3.5	6.6	9.9	15.7	20.1	26.4	31.0	30.5
1981	3.2	2.3	3.7	6.6	9.7	14.8	21.7	26.6	25.5	31.2
1980	3.0	1.9	3.6	6.2	9.5	14.1	19.2	23.3	27.3	29.1
1979	3.0	1.8	3.8	6.3	10.6	16.0	20.1	23.1	24.6	24.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
All races, female										
1998	3.3	1.4	2.1	3.8	6.3	10.0	13.8	18.5	23.4	27.7
1997	3.3	1.3	2.6	3.7	6.7	10.5	13.6	19.4	24.0	25.8
1996	3.2	1.2	2.5	3.8	6.0	10.7	13.6	18.5	22.6	27.9
1995	3.2	1.2	2.4	4.2	6.9	10.2	14.0	18.6	21.0	26.0
1994	3.0	1.2	2.2	3.7	6.4	8.7	14.2	16.3	20.9	24.8
1993	3.0	1.3	2.1	4.1	6.3	9.2	13.0	17.0	21.5	25.1
1992	2.8	1.3	2.1	3.5	5.9	8.4	11.5	16.3	21.4	23.5
1991	2.7	1.4	2.0	3.4	5.8	7.9	11.5	15.8	20.2	23.2
1990	2.6	1.2	2.1	3.3	5.7	8.3	11.6	14.5	18.4	22.3
1989	2.5	1.0	2.3	3.2	5.0	7.6	9.7	13.7	17.9	22.4
1988	2.4	1.0	1.9	2.9	5.2	6.6	10.4	13.2	18.4	19.8
1987	2.3	0.9	1.9	3.3	4.3	7.0	10.4	13.6	17.3	20.5
1986	2.2	1.1	1.9	2.6	4.4	6.7	10.7	14.2	15.7	19.0
1985	2.3	1.1	2.3	2.9	5.0	7.3	10.6	12.7	15.3	19.0
1984	2.1	0.9	2.2	2.5	4.7	7.2	9.0	12.2	15.3	18.1
1983	2.0	1.3	1.9	2.8	4.2	6.1	9.3	11.3	14.5	18.0
1982	2.1	0.9	2.0	2.8	4.6	6.8	9.4	11.9	15.3	18.4
1981	2.0	1.1	2.0	2.8	4.2	6.2	9.0	11.2	16.2	18.4
1980	2.0	1.2	1.4	3.0	4.7	6.7	9.4	11.0	15.2	18.1
1979	2.0	1.2	1.7	3.1	4.7	6.5	9.3	11.1	14.8	19.3
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
White, both sexes										
1998	4.4	2.7	3.8	6.0	10.1	15.2	20.4	26.0	30.8	31.1
1997	4.3	2.3	3.8	6.2	9.7	15.2	20.1	25.6	29.7	31.2
1996	4.2	2.0	3.5	5.9	9.8	15.3	21.2	24.0	28.8	32.7
1995	4.1	2.0	3.1	5.9	11.0	14.0	20.2	24.3	28.6	30.4
1994	3.9	1.7	3.1	5.6	10.2	13.3	18.6	23.2	27.6	28.9
1993	3.8	1.7	3.0	5.4	9.3	13.8	18.7	22.8	26.8	30.0
1992	3.6	1.6	3.0	5.3	9.3	13.1	16.9	22.2	26.3	28.5
1991	3.4	1.5	2.5	4.9	8.5	12.2	16.2	21.3	24.9	27.7
1990	3.3	1.5	2.8	4.9	8.0	11.9	16.5	20.5	23.7	26.6
1989	3.1	1.3	2.6	4.7	7.8	11.6	15.3	18.8	23.8	25.3
1988	3.0	1.1	2.3	5.2	7.8	10.9	14.6	18.0	22.9	24.4
1987	2.9	1.3	2.3	4.4	7.0	11.0	14.9	18.0	21.2	22.6
1986	2.8	1.1	2.7	4.5	6.8	10.3	14.3	18.7	20.9	21.3
1985	2.8	1.4	2.6	4.0	6.6	10.3	14.6	17.5	20.9	21.4
1984	2.7	1.0	2.7	4.1	6.9	10.3	12.4	16.6	20.7	20.9
1983	2.5	1.5	2.2	4.1	6.7	9.5	12.6	16.4	17.7	20.1
1982	2.5	1.0	2.2	4.1	6.4	9.8	13.1	16.4	19.8	21.8
1981	2.5	1.4	2.3	4.0	5.9	9.1	13.2	16.5	19.3	22.6
1980	2.4	1.2	2.1	3.9	6.2	9.1	12.8	15.2	18.6	21.4
1979	2.4	1.2	2.3	4.1	6.8	9.7	13.2	15.1	17.4	20.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
White, male										
1998	5.5	4.3	5.9	8.9	14.9	22.0	29.8	38.0	44.6	42.3
1997	5.3	3.5	5.5	8.9	13.8	21.7	29.3	36.3	41.6	47.4
1996	5.2	3.0	4.9	8.6	14.9	21.3	31.4	33.3	41.0	47.2
1995	5.0	2.9	4.1	8.5	16.3	19.8	29.6	33.9	43.8	44.3
1994	4.8	2.5	4.3	8.0	14.6	19.7	25.3	34.6	41.3	41.5
1993	4.6	2.2	4.1	7.2	12.9	20.4	27.1	33.0	39.0	44.8
1992	4.5	2.1	4.2	7.7	13.9	19.2	24.8	32.5	37.0	42.3
1991	4.1	1.7	3.3	7.2	12.3	18.4	23.2	31.4	35.2	40.5
1990	4.0	1.9	3.9	6.9	11.5	16.9	24.3	30.3	35.8	40.5
1989	3.8	1.8	3.2	6.7	11.3	17.2	23.9	28.4	35.3	34.3
1988	3.7	1.4	3.0	8.2	11.1	16.8	20.6	26.8	32.2	38.0
1987	3.5	1.8	3.0	6.0	10.3	16.1	22.1	26.3	30.2	29.1
1986	3.4	1.3	3.8	6.6	9.8	14.9	19.9	26.6	32.8	28.7
1985	3.3	1.8	3.0	5.7	9.1	14.6	20.9	25.4	31.1	27.6
1984	3.2	1.2	3.3	6.0	9.7	14.2	18.1	23.9	31.6	28.3
1983	3.1	1.9	2.8	5.7	9.7	14.1	18.1	25.0	25.3	27.0
1982	3.1	1.3	2.8	5.7	8.8	14.3	19.2	24.3	29.1	30.2
1981	3.0	1.9	2.8	5.6	8.4	13.4	19.5	25.7	25.3	32.2
1980	2.8	1.3	2.8	5.2	8.3	12.5	17.6	22.2	27.0	29.2
1979	2.9	1.3	3.1	5.4	9.7	14.4	19.0	22.0	22.7	24.0
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
White, female										
1998	3.3	1.1	1.9	3.4	5.7	9.4	13.0	17.6	22.8	26.6
1997	3.3	1.1	2.2	3.6	6.0	9.6	12.8	18.1	22.8	24.9
1996	3.3	1.1	2.1	3.4	5.1	10.2	13.4	17.6	21.8	27.1
1995	3.2	1.2	2.1	3.5	6.1	9.2	12.8	17.8	20.1	25.1
1994	3.0	1.0	1.9	3.4	6.1	8.0	13.3	15.5	20.0	24.1
1993	3.0	1.1	2.0	3.8	6.0	8.4	12.2	15.9	20.2	24.5
1992	2.8	1.1	1.8	3.1	5.2	8.0	10.8	15.3	20.5	23.3
1991	2.7	1.2	1.8	2.8	5.1	7.2	10.9	14.8	19.5	22.9
1990	2.6	1.1	1.8	2.9	5.0	7.8	10.7	14.2	17.3	21.3
1989	2.5	0.9	2.1	2.9	4.7	6.9	8.9	12.7	17.8	21.9
1988	2.4	0.9	1.7	2.4	4.9	6.0	10.2	12.5	18.0	19.2
1987	2.3	0.9	1.6	2.8	4.0	6.7	9.6	12.8	16.6	20.0
1986	2.3	1.0	1.7	2.5	4.2	6.5	10.2	13.7	14.6	18.4
1985	2.3	1.0	2.2	2.5	4.5	6.8	10.1	12.5	15.6	19.0
1984	2.2	0.7	2.2	2.3	4.4	7.0	8.3	12.1	15.1	18.0
1983	2.0	1.1	1.6	2.6	4.0	5.8	8.5	11.1	13.8	17.4
1982	2.1	0.8	1.7	2.6	4.2	6.2	8.7	11.4	14.9	18.4
1981	2.0	1.0	1.8	2.6	3.7	5.7	8.7	10.8	16.1	18.6
1980	2.0	1.2	1.4	2.8	4.4	6.3	9.3	10.9	14.2	18.1
1979	2.0	1.1	1.6	2.9	4.2	5.9	9.0	10.8	14.7	19.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
All other, both sexes										
1998	4.9	7.0	11.3	12.5	18.8	25.1	30.6	37.1	41.0	44.6
1997	4.8	6.3	9.2	13.1	19.7	25.3	31.7	38.6	39.8	43.2
1996	4.6	5.8	9.1	12.3	19.5	25.7	27.5	35.6	37.8	46.1
1995	4.7	4.9	8.6	12.5	19.4	25.2	33.5	38.4	41.6	45.0
1994	4.4	5.6	8.3	12.4	16.4	24.3	29.0	35.6	39.6	41.8
1993	4.2	4.8	7.9	13.0	17.6	23.1	27.4	32.7	40.5	36.6
1992	4.2	5.2	7.3	12.0	19.2	20.9	29.2	35.0	39.7	31.1
1991	4.0	4.7	7.5	11.0	16.7	20.0	28.3	31.4	37.9	37.8
1990	4.0	4.3	8.1	11.6	19.6	20.2	27.0	27.7	40.3	39.2
1989	3.8	3.8	6.7	11.9	16.4	20.2	26.9	30.5	29.6	34.4
1988	3.6	3.4	6.8	11.6	14.3	22.0	22.8	26.5	29.4	31.5
1987	3.5	3.6	7.3	11.1	11.6	17.2	23.9	28.9	34.4	29.2
1986	3.4	3.6	6.7	8.5	15.0	17.8	22.1	26.9	33.7	30.7
1985	3.4	5.1	6.6	10.9	14.8	18.2	24.5	24.0	22.2	26.9
1984	3.4	4.1	6.2	9.9	14.2	18.0	26.2	25.7	28.6	25.8
1983	3.4	4.5	7.7	9.7	13.2	17.3	27.5	22.6	29.4	29.3
1982	3.3	3.9	6.1	8.7	13.5	19.2	21.5	28.8	31.3	24.0
1981	3.0	3.3	6.7	9.3	13.9	17.5	25.1	23.0	21.6	17.9
1980	3.0	3.7	5.6	9.4	13.3	18.1	20.6	21.0	28.8	21.7
1979	3.0	3.4	5.4	8.6	13.7	19.7	19.8	22.3	27.2	23.0
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
All other, male										
1998	6.9	11.9	20.3	20.1	30.2	39.7	46.4	55.0	63.1	58.8
1997	6.5	11.3	14.4	23.6	30.2	37.5	49.5	50.7	47.4	63.0
1996	6.3	10.2	14.6	20.0	29.6	41.2	44.5	49.4	52.0	70.8
1995	6.2	9.1	13.7	17.8	29.6	35.5	48.1	58.4	63.8	68.2
1994	6.0	9.2	13.0	20.8	27.1	38.8	39.5	56.2	58.5	63.9
1993	5.6	7.8	13.7	21.3	30.0	34.2	38.5	42.8	50.4	47.6
1992	5.7	8.6	11.2	19.3	30.5	33.8	47.2	50.6	56.9	43.9
1991	5.3	7.2	12.3	16.1	25.0	29.3	44.8	41.8	56.0	61.1
1990	5.4	6.9	13.5	19.4	30.9	30.9	38.5	44.2	58.2	51.6
1989	5.3	6.5	10.8	19.7	29.3	30.0	42.1	42.3	48.8	48.1
1988	5.0	5.6	11.0	18.1	23.8	36.0	38.3	36.5	40.2	43.0
1987	4.7	6.2	11.5	17.0	18.3	28.1	32.9	40.9	50.0	35.1
1986	4.8	5.7	11.1	14.8	26.2	30.7	32.6	38.6	45.4	41.3
1985	4.8	9.0	11.2	17.4	21.6	26.8	38.3	38.3	40.4	41.1
1984	5.0	6.8	10.7	16.4	22.8	30.2	42.6	44.1	46.5	38.9
1983	4.9	7.1	12.2	15.8	22.6	29.1	43.3	36.0	40.2	36.2
1982	4.4	6.3	9.1	14.0	20.2	28.2	29.4	46.6	51.1	34.3
1981	4.3	5.4	10.9	14.9	21.2	27.1	42.8	34.9	27.5	*
1980	4.3	6.0	10.6	15.4	20.7	28.3	34.2	33.5	29.8	*
1979	4.2	5.0	9.2	13.8	19.1	31.0	29.9	32.6	45.3	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
All other, female										
1998	3.1	2.9	3.7	6.2	9.7	14.3	19.9	25.7	29.2	38.7
1997	3.3	2.0	4.7	4.4	11.3	16.2	19.5	30.9	35.7	34.9
1996	3.0	2.0	4.4	5.8	11.5	14.1	15.8	26.9	30.2	35.6
1995	3.3	*	4.2	8.0	11.3	17.6	23.5	26.0	29.8	35.1
1994	2.9	2.6	4.3	5.4	8.1	13.6	21.7	22.9	29.5	32.3
1993	2.9	2.2	3.0	6.2	8.0	14.9	19.7	26.5	35.2	31.8
1992	2.8	2.2	4.0	6.1	10.6	11.3	16.8	25.4	30.1	25.6
1991	2.8	2.6	3.4	6.8	10.3	13.1	17.0	25.0	27.9	27.6
1990	2.7	2.1	3.5	5.4	11.0	12.4	19.2	17.5	30.1	33.5
1989	2.4	*	3.1	5.6	6.6	13.0	16.5	23.1	18.9	27.8
1988	2.3	*	3.2	6.3	7.0	11.6	12.3	20.2	23.0	26.0
1987	2.4	*	3.8	6.4	6.3	9.0	17.8	21.1	25.5	26.4
1986	2.1	*	3.1	3.4	6.3	8.2	14.9	19.4	27.0	25.6
1985	2.2	*	2.9	5.7	9.5	11.8	14.9	14.6	11.7	20.0
1984	2.0	*	*	4.6	7.4	8.9	14.8	13.5	18.0	19.3
1983	2.1	*	3.9	4.7	5.8	8.5	16.4	13.6	23.0	25.9
1982	2.2	*	3.7	4.3	8.2	12.4	15.7	16.8	19.7	18.8
1981	1.9	*	3.2	4.7	8.1	10.3	12.1	14.9	18.0	15.7
1980	1.9	*	*	4.5	7.3	10.3	10.6	12.5	28.2	18.5
1979	2.0	*	*	4.2	9.2	11.0	12.1	14.7	15.9	20.2
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
Black, both sexes										
1998	4.4	6.4	10.9	11.1	15.8	21.4	26.5	32.8	36.6	39.0
1997	4.1	5.6	7.8	11.0	16.6	21.9	24.6	31.1	35.3	36.3
1996	4.0	5.0	7.6	9.7	15.7	22.0	25.1	31.2	32.4	40.6
1995	4.2	4.5	7.4	11.5	16.4	23.4	28.8	31.7	33.6	41.6
1994	3.8	5.0	6.9	10.0	14.3	18.7	25.9	30.9	35.3	36.6
1993	3.7	4.1	6.4	11.5	14.5	19.6	24.6	28.7	35.6	29.8
1992	3.7	4.6	5.5	8.6	16.9	18.5	27.1	29.1	33.7	25.4
1991	3.5	4.2	5.9	8.1	14.2	17.6	24.8	27.3	32.6	36.3
1990	3.6	3.4	5.0	8.6	16.7	18.1	25.7	26.5	34.0	36.8
1989	3.5	3.5	5.4	10.4	14.2	18.1	25.2	28.6	27.3	30.5
1988	3.2	3.0	4.5	9.2	13.3	20.4	21.3	24.7	27.6	29.0
1987	3.2	2.2	6.5	9.6	11.2	16.0	22.2	24.1	30.8	28.4
1986	3.2	2.7	5.2	7.7	15.2	16.3	21.0	27.2	28.2	27.9
1985	3.1	3.5	6.2	8.7	13.8	16.7	23.5	22.6	18.8	23.1
1984	3.3	3.0	5.7	8.4	13.4	18.5	25.8	24.9	25.8	23.7
1983	3.2	3.1	6.6	9.0	12.5	16.3	26.9	21.0	28.2	23.9
1982	3.1	3.4	5.5	8.4	11.8	18.4	21.5	27.6	28.4	22.2
1981	3.0	2.8	5.9	9.3	13.5	17.8	25.0	22.9	19.1	17.9
1980	3.0	3.5	5.6	9.8	12.8	17.3	19.7	20.9	29.5	20.1
1979	2.9	3.2	5.4	8.1	13.3	19.5	18.9	18.9	24.9	21.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
Black, male										
1998	6.1	11.3	19.4	17.9	26.2	34.1	40.7	48.2	65.8	46.6
1997	5.4	10.2	12.4	19.5	25.6	33.6	38.6	35.8	41.0	51.7
1996	5.4	9.2	12.2	15.6	23.5	34.3	41.0	44.9	43.5	59.0
1995	5.4	8.2	11.5	15.3	26.0	32.8	40.7	45.9	51.3	64.2
1994	5.1	8.5	10.8	16.7	24.1	29.5	32.8	51.2	52.5	54.5
1993	4.8	6.4	11.5	18.4	25.3	29.5	35.3	38.0	42.9	36.8
1992	5.0	7.9	8.5	13.8	26.7	29.4	45.0	44.2	48.1	35.0
1991	4.6	6.6	9.3	12.9	21.0	25.3	40.0	35.1	45.8	60.9
1990	4.5	5.3	8.1	13.9	25.6	25.2	35.2	43.6	47.8	49.8
1989	4.7	6.3	8.4	17.1	24.6	28.9	37.7	39.3	49.5	40.9
1988	4.3	4.9	6.8	13.9	22.2	32.7	35.6	33.9	37.2	41.5
1987	4.1	*	10.1	14.3	17.5	25.9	30.9	33.1	44.6	32.8
1986	4.4	4.3	8.6	14.0	26.3	27.7	30.6	38.4	35.6	38.1
1985	4.3	6.0	10.2	13.1	19.9	25.1	38.2	36.5	34.5	33.9
1984	4.7	4.3	10.1	13.4	20.8	30.9	42.0	43.1	42.9	41.0
1983	4.4	4.4	10.3	13.4	20.8	26.6	41.8	33.3	36.6	*
1982	4.2	5.9	8.7	13.9	17.4	26.9	28.9	45.3	43.8	*
1981	4.2	4.2	9.3	14.2	19.6	28.5	43.1	32.9	*	*
1980	4.2	5.4	10.7	15.8	19.4	26.2	32.8	33.3	30.7	*
1979	4.1	4.8	9.0	12.5	18.8	30.5	29.6	28.6	39.0	*
Malignant neoplasms of liver and intrahepatic bile ducts (155)										
Black, female										
1998	2.8	2.1	3.7	5.6	7.7	12.1	17.2	23.5	22.4	36.1
1997	3.0	1.8	4.0	4.1	9.6	13.2	15.4	28.3	32.6	30.5
1996	2.8	*	3.8	4.9	9.7	12.8	14.6	23.0	27.0	33.6
1995	3.1	*	4.0	8.5	8.9	16.4	20.9	23.3	25.0	32.9
1994	2.6	*	3.7	4.7	6.6	10.7	21.3	19.0	26.8	29.6
1993	2.7	2.2	*	6.0	6.1	12.4	17.4	23.3	32.0	27.0
1992	2.5	*	3.0	4.4	9.5	10.5	15.2	20.4	26.4	21.5
1991	2.6	*	3.1	4.3	9.0	12.0	14.8	22.8	25.8	26.2
1990	2.7	*	*	4.3	9.9	13.0	19.5	16.4	26.9	31.3
1989	2.3	*	*	5.0	6.3	10.3	17.0	22.3	15.7	26.1
1988	2.3	*	*	5.5	6.5	11.5	11.8	19.3	22.5	23.5
1987	2.4	*	3.6	5.8	6.4	8.8	16.4	18.7	23.4	26.4
1986	2.1	*	*	*	6.7	7.9	14.6	20.3	24.2	23.2
1985	2.1	*	*	5.1	9.2	10.6	13.7	13.9	*	18.0
1984	2.0	*	*	4.3	7.6	9.4	15.0	13.5	16.4	15.5
1983	2.2	*	3.5	5.3	6.0	8.8	16.9	13.1	23.4	21.8
1982	2.2	*	*	3.9	7.5	12.1	16.5	16.3	19.6	17.8
1981	2.0	*	3.2	5.3	8.7	10.0	12.3	16.4	17.4	*
1980	2.0	*	*	4.9	7.6	10.8	10.3	12.8	28.8	*
1979	1.9	*	*	4.5	9.0	11.3	11.1	12.3	16.1	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of pancreas (157)										
All races, both sexes										
1998	10.3	4.2	8.4	15.1	24.2	37.1	51.3	67.2	84.8	101.1
1997	10.2	4.0	8.2	15.2	24.9	35.9	51.8	66.0	84.6	99.9
1996	10.1	4.1	8.1	15.0	24.4	35.8	52.3	68.4	83.5	100.1
1995	10.1	4.1	8.3	14.7	25.5	36.0	52.6	66.4	81.1	100.7
1994	10.2	4.0	8.4	15.7	24.9	38.0	53.6	68.3	84.8	97.8
1993	10.2	4.0	8.6	15.3	25.3	37.9	52.7	71.2	83.2	96.2
1992	10.2	4.2	8.4	16.1	25.8	38.6	52.0	68.2	84.4	99.1
1991	10.1	4.4	8.4	16.1	24.2	37.8	52.8	69.2	85.7	97.8
1990	10.1	4.7	8.5	15.9	25.3	38.5	52.9	68.0	87.0	97.8
1989	9.9	4.1	8.6	15.7	25.6	37.9	54.2	66.8	83.3	96.4
1988	9.8	4.3	9.1	15.9	25.4	37.0	52.0	67.8	80.6	93.1
1987	9.8	4.1	9.5	16.1	26.1	37.3	52.2	66.7	81.4	95.8
1986	9.8	4.2	8.7	15.8	26.4	38.9	54.3	66.5	78.7	94.2
1985	9.7	4.8	9.0	17.2	25.5	37.2	53.3	66.5	84.5	88.6
1984	9.8	4.7	9.4	16.8	27.3	38.2	53.6	69.4	83.0	88.8
1983	9.6	4.4	9.5	16.5	26.3	37.6	53.7	67.9	81.6	91.4
1982	9.5	4.8	9.7	16.6	26.4	38.6	53.0	66.8	80.4	85.4
1981	9.5	5.0	9.4	16.6	26.5	38.6	54.1	66.3	80.4	88.2
1980	9.4	4.7	9.8	17.3	26.7	39.1	53.3	66.6	79.8	86.8
1979	9.4	4.9	9.8	16.2	27.8	38.5	53.0	67.8	81.0	86.3
Malignant neoplasm of pancreas (157)										
All races, male										
1998	10.2	5.1	10.5	18.5	28.9	44.6	60.6	77.9	95.7	110.5
1997	10.1	5.2	10.4	18.9	30.5	43.0	61.4	73.4	95.3	110.1
1996	9.9	5.4	10.3	17.9	28.6	43.1	58.7	78.0	94.7	108.1
1995	9.8	5.2	10.4	17.9	30.2	42.1	60.6	74.7	91.3	114.0
1994	10.0	5.1	10.4	19.1	30.1	46.5	61.7	77.9	93.2	106.6
1993	10.0	5.0	10.4	18.3	30.8	43.4	61.0	80.8	96.7	108.9
1992	10.1	5.3	10.4	19.8	31.9	46.7	61.2	79.2	93.5	111.5
1991	10.0	5.4	10.7	19.4	29.8	46.0	62.5	79.4	98.8	106.5
1990	10.1	5.9	10.4	19.7	31.1	46.5	63.3	80.7	96.7	105.6
1989	9.9	5.3	10.7	18.9	31.2	45.8	64.4	76.8	97.9	111.1
1988	9.8	5.5	12.1	19.5	31.6	44.6	60.8	79.4	89.7	107.5
1987	9.8	5.5	11.9	19.6	31.3	44.5	60.5	79.1	99.2	103.0
1986	9.8	5.1	10.4	19.3	32.7	46.2	63.6	76.9	89.2	105.5
1985	10.0	6.0	11.1	21.3	32.0	45.3	63.5	80.0	100.2	105.5
1984	10.0	6.1	12.1	21.1	32.7	45.7	65.1	83.9	94.3	102.5
1983	9.9	5.4	11.7	21.4	32.8	45.9	63.9	80.4	95.8	103.1
1982	10.0	6.3	12.5	21.3	32.0	46.5	65.1	81.5	97.9	106.8
1981	10.0	6.2	11.7	20.8	33.1	47.8	67.2	83.2	95.3	102.6
1980	10.0	6.0	13.0	21.7	33.2	47.5	67.2	80.1	99.6	102.0
1979	10.1	6.0	12.6	20.0	35.4	48.7	67.9	84.9	98.1	101.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of pancreas (157)										
All races, female										
1998	10.3	3.3	6.3	11.9	19.9	30.7	44.0	59.8	78.6	97.3
1997	10.2	2.8	6.1	11.7	19.8	30.0	44.4	60.9	78.5	95.9
1996	10.3	2.8	6.0	12.3	20.7	29.6	47.4	61.8	77.2	96.9
1995	10.2	3.1	6.4	11.8	21.4	31.0	46.4	60.7	75.5	95.5
1994	10.3	2.8	6.5	12.5	20.4	30.9	47.4	61.9	80.2	94.5
1993	10.4	2.9	7.0	12.5	20.5	33.3	46.4	64.8	76.0	91.3
1992	10.2	3.1	6.6	12.6	20.5	32.0	44.9	61.0	79.6	94.4
1991	10.2	3.5	6.3	12.9	19.4	31.2	45.4	62.6	78.7	94.5
1990	10.1	3.6	6.8	12.4	20.4	31.9	45.1	59.7	81.9	94.9
1989	9.9	2.9	6.5	12.9	20.7	31.5	46.7	60.3	75.6	90.7
1988	9.7	3.1	6.2	12.5	19.9	30.9	45.6	60.4	75.7	87.5
1987	9.8	2.9	7.3	12.9	21.7	31.4	46.1	58.9	72.1	92.9
1986	9.8	3.3	7.2	12.6	20.9	33.0	47.6	60.0	73.1	89.7
1985	9.5	3.7	7.1	13.6	19.8	30.6	45.9	58.0	76.3	81.8
1984	9.6	3.5	6.9	13.0	22.5	32.2	45.2	60.2	77.1	83.3
1983	9.4	3.4	7.5	12.2	20.6	31.0	46.3	60.1	74.1	86.6
1982	9.1	3.3	7.1	12.5	21.6	32.3	44.2	57.6	71.1	76.5
1981	9.0	3.8	7.3	12.8	20.7	31.3	44.7	55.7	72.5	82.0
1980	8.9	3.4	6.9	13.4	21.1	32.4	43.2	58.1	69.3	80.1
1979	8.7	3.8	7.3	12.7	21.2	30.4	42.2	57.1	71.8	79.4
Malignant neoplasm of pancreas (157)										
White, both sexes										
1998	10.8	4.0	8.1	14.5	23.0	36.2	50.0	65.8	83.4	99.0
1997	10.6	3.8	7.9	14.6	24.0	34.8	50.6	64.6	83.1	97.4
1996	10.6	3.9	7.8	14.2	23.6	34.5	50.9	67.0	81.5	98.8
1995	10.6	4.1	8.1	14.3	24.8	35.1	51.5	65.3	78.8	99.4
1994	10.6	3.6	8.0	14.6	24.1	36.7	51.9	66.2	82.8	96.2
1993	10.6	3.8	8.1	14.6	24.3	36.4	51.3	69.4	81.1	94.9
1992	10.5	3.8	8.1	15.0	25.0	37.0	50.4	66.4	82.3	97.3
1991	10.5	4.3	8.0	15.5	23.6	36.8	51.4	67.6	82.7	96.6
1990	10.4	4.4	8.1	14.9	24.5	37.2	50.6	66.1	85.2	97.1
1989	10.2	3.8	8.0	14.7	24.2	36.5	52.9	65.5	81.1	94.6
1988	10.0	4.1	8.4	15.1	24.2	35.5	50.2	65.9	79.7	92.2
1987	10.1	3.9	9.2	15.3	24.9	36.1	50.8	65.5	80.0	93.8
1986	10.1	3.9	8.4	15.2	25.5	37.5	52.8	65.0	76.5	93.2
1985	10.0	4.6	8.5	16.4	24.1	36.4	51.8	65.6	82.3	88.1
1984	10.0	4.2	8.8	15.8	25.9	36.9	51.9	68.1	81.6	88.9
1983	9.8	4.1	9.1	15.6	24.7	36.5	51.8	66.2	80.3	91.1
1982	9.7	4.6	9.2	15.8	25.4	37.7	51.4	65.9	79.4	84.7
1981	9.8	4.7	9.0	16.1	25.8	37.6	52.6	65.4	80.7	89.2
1980	9.6	4.4	9.4	16.5	25.4	37.9	51.8	65.8	79.1	87.1
1979	9.6	4.6	9.3	15.4	26.9	37.4	51.6	67.1	81.6	86.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of pancreas (157)										
White, male										
1998	10.7	4.7	10.1	17.8	27.5	43.8	59.6	76.7	94.6	109.7
1997	10.6	4.9	10.0	18.1	29.7	42.1	60.3	72.1	94.2	110.1
1996	10.3	5.0	9.9	16.8	28.1	41.9	57.3	76.4	94.1	106.9
1995	10.4	5.2	10.2	17.4	29.5	40.9	59.4	73.5	89.9	114.0
1994	10.4	4.6	10.0	18.0	29.2	45.2	60.0	75.8	90.8	105.1
1993	10.4	4.8	9.6	17.6	29.9	42.2	59.5	78.5	93.3	109.0
1992	10.5	4.9	9.9	18.4	31.1	45.2	60.1	76.9	91.0	110.8
1991	10.4	5.2	10.1	18.6	29.1	44.7	61.3	78.5	95.0	106.3
1990	10.4	5.6	9.7	18.7	30.2	45.1	61.2	78.5	95.0	103.6
1989	10.2	4.8	9.9	17.9	29.6	44.6	62.9	76.2	95.9	109.1
1988	10.1	5.2	11.3	18.7	30.3	43.0	59.0	77.4	89.4	108.2
1987	10.0	5.3	11.5	18.4	30.1	42.9	58.6	77.5	98.0	101.5
1986	10.0	4.7	10.2	18.4	31.4	44.8	62.2	75.3	87.9	105.4
1985	10.2	5.7	10.4	20.5	30.2	44.1	61.7	79.1	98.2	106.4
1984	10.2	5.4	11.4	19.7	31.3	44.5	63.7	83.0	92.3	104.3
1983	10.0	5.1	11.1	20.1	31.0	44.6	62.2	78.5	92.3	103.0
1982	10.2	6.0	11.7	20.3	30.3	45.6	63.2	81.4	98.4	106.6
1981	10.3	5.9	11.2	20.2	32.2	46.3	65.0	82.3	95.3	105.0
1980	10.2	5.7	12.5	20.5	31.9	46.1	66.4	79.4	98.5	103.1
1979	10.4	5.6	12.2	19.3	34.7	47.6	66.3	84.9	100.0	103.9
Malignant neoplasm of pancreas (157)										
White, female										
1998	10.8	3.2	6.0	11.3	18.9	29.7	42.5	58.1	76.8	94.7
1997	10.7	2.7	5.8	11.2	18.8	28.6	43.0	59.4	76.7	92.4
1996	10.8	2.8	5.7	11.7	19.4	28.1	45.9	60.5	74.3	95.6
1995	10.8	3.1	6.1	11.4	20.4	30.3	45.3	59.8	72.6	93.8
1994	10.8	2.7	6.2	11.5	19.4	29.6	45.7	59.7	78.4	92.9
1993	10.8	2.9	6.7	11.8	19.2	31.6	44.9	63.4	74.5	89.5
1992	10.6	2.8	6.3	11.9	19.5	30.3	43.0	59.4	77.6	92.3
1991	10.6	3.4	6.1	12.5	18.6	30.3	43.8	60.4	76.2	93.0
1990	10.5	3.3	6.5	11.4	19.4	30.7	42.6	58.1	79.9	94.7
1989	10.2	2.8	6.2	11.7	19.5	29.9	45.4	58.6	73.3	89.1
1988	10.0	2.9	5.7	11.8	18.9	29.3	43.7	58.5	74.6	86.1
1987	10.1	2.7	7.0	12.3	20.3	30.5	45.1	57.9	70.7	90.8
1986	10.1	3.2	6.7	12.2	20.4	31.5	46.0	58.5	70.6	88.4
1985	9.8	3.5	6.6	12.7	18.8	30.0	44.6	57.1	74.0	81.0
1984	9.8	3.1	6.3	12.3	21.2	30.8	43.3	58.9	76.0	82.9
1983	9.7	3.1	7.2	11.5	19.2	30.0	44.3	58.5	74.1	86.3
1982	9.3	3.2	6.8	11.8	21.1	31.3	42.9	56.3	69.5	75.7
1981	9.4	3.6	6.9	12.3	20.2	30.7	43.6	54.8	73.1	82.6
1980	9.1	3.2	6.5	12.8	19.7	31.2	41.2	57.3	68.9	80.2
1979	8.9	3.6	6.6	11.9	20.1	29.3	41.0	56.1	71.9	79.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of pancreas (157)										
All other, both sexes										
1998	8.0	5.3	10.0	18.9	31.2	43.1	61.4	80.1	99.4	121.8
1997	7.9	5.3	10.1	18.9	30.1	43.9	61.8	78.7	99.6	124.4
1996	8.0	5.1	9.9	19.9	30.0	45.5	64.4	81.2	104.2	112.9
1995	7.6	4.1	10.0	17.5	30.6	42.7	62.1	76.4	104.8	113.3
1994	8.3	5.8	10.9	22.0	30.8	47.6	67.7	88.2	105.0	114.0
1993	8.2	4.9	11.9	19.6	32.4	49.3	65.3	87.7	104.9	109.4
1992	8.3	6.3	10.6	22.8	31.8	50.7	65.6	85.0	106.7	117.3
1991	8.0	5.1	10.7	19.9	29.0	46.3	65.3	85.2	116.5	110.3
1990	8.4	6.5	11.5	22.0	32.0	49.0	73.7	85.2	106.2	105.2
1989	8.4	5.8	11.9	23.2	35.9	49.9	66.7	78.9	106.3	116.0
1988	8.3	5.7	13.1	21.0	34.2	50.3	68.7	86.4	90.3	102.4
1987	8.2	5.3	11.4	22.3	36.3	47.6	64.3	78.4	96.1	117.5
1986	8.1	5.9	11.2	20.6	33.4	50.9	67.7	80.6	101.7	104.8
1985	8.2	6.5	12.8	23.3	36.6	44.4	67.4	75.6	108.8	93.3
1984	8.5	7.9	13.7	24.5	38.5	49.6	69.3	81.0	98.5	87.6
1983	8.4	6.2	12.7	24.2	39.4	47.3	70.8	84.7	95.4	95.2
1982	8.1	6.0	13.6	23.3	35.7	46.8	67.8	75.2	90.9	93.5
1981	7.7	6.9	12.7	21.0	32.5	47.1	69.1	75.5	77.2	76.3
1980	8.1	6.2	13.0	24.8	38.5	49.6	68.1	74.9	87.7	83.1
1979	7.9	6.8	14.0	22.5	36.2	48.3	66.8	75.0	73.7	79.9
Malignant neoplasm of pancreas (157)										
All other, male										
1998	7.8	7.3	12.5	23.0	38.1	50.4	69.6	89.1	107.6	117.6
1997	7.7	7.0	12.6	24.2	35.8	49.9	71.5	85.6	106.9	110.0
1996	7.7	7.7	12.3	24.9	31.9	53.2	71.1	93.0	100.6	119.3
1995	7.4	5.0	12.2	21.2	34.7	52.0	72.0	87.2	105.6	114.4
1994	8.3	8.1	13.5	26.5	36.3	57.0	77.2	98.6	117.8	120.4
1993	8.1	6.8	15.2	23.3	37.0	53.8	74.8	103.5	131.2	108.3
1992	8.3	8.1	13.2	30.0	38.2	59.6	71.6	101.5	119.3	118.1
1991	8.0	6.5	14.6	25.2	34.6	57.5	74.1	88.0	137.3	108.0
1990	8.5	7.7	15.0	26.7	38.1	59.1	83.3	102.3	113.2	124.1
1989	8.4	8.2	16.2	26.3	44.1	57.0	78.5	82.0	117.4	129.6
1988	8.4	7.2	17.8	25.7	43.1	59.0	78.1	98.6	93.2	101.3
1987	8.4	6.7	14.4	28.7	41.8	59.5	77.9	94.0	110.7	116.9
1986	8.2	7.7	11.9	26.3	44.0	59.0	77.0	91.4	102.8	106.7
1985	8.6	8.3	16.1	27.5	47.7	56.4	81.0	88.3	120.2	97.3
1984	8.9	10.6	17.0	32.5	45.3	56.9	78.4	92.6	113.9	86.1
1983	9.1	7.8	16.6	32.1	49.3	57.9	80.2	98.0	132.0	104.3
1982	8.7	8.1	18.8	29.9	47.8	55.3	83.4	81.7	92.6	109.0
1981	8.7	8.8	16.2	26.1	41.9	61.4	87.3	91.4	95.6	78.1
1980	8.7	8.1	16.6	32.4	45.7	59.4	75.2	86.5	111.2	90.5
1979	8.4	8.9	16.0	26.5	42.2	58.7	82.6	84.2	77.9	79.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of pancreas (157)										
All other, female										
1998	8.2	3.5	7.9	15.5	25.7	37.6	55.8	74.3	95.0	123.6
1997	8.1	3.7	7.9	14.5	25.5	39.3	55.1	74.4	95.8	130.4
1996	8.2	2.9	7.8	15.8	28.4	39.8	59.8	73.8	106.2	110.2
1995	7.9	3.4	8.1	14.5	27.4	35.9	55.3	69.7	104.4	112.9
1994	8.4	3.8	8.7	18.2	26.5	40.6	61.2	81.8	98.1	111.3
1993	8.3	3.3	9.1	16.6	28.9	46.0	58.8	77.9	90.6	109.9
1992	8.4	4.7	8.3	17.0	26.9	44.1	61.4	74.9	99.8	117.0
1991	8.1	4.0	7.4	15.7	24.7	38.1	59.3	83.5	105.1	111.3
1990	8.3	5.4	8.5	18.2	27.3	41.5	67.1	74.6	102.2	96.6
1989	8.4	3.8	8.3	20.7	29.6	44.6	58.7	76.9	100.5	109.1
1988	8.1	4.3	9.2	17.3	27.3	43.8	62.2	78.4	88.2	103.0
1987	8.0	4.0	8.9	17.2	32.0	38.6	55.0	68.5	87.8	117.8
1986	8.1	4.4	10.7	16.0	25.3	44.8	61.4	73.8	101.1	103.8
1985	7.8	4.8	10.2	19.9	27.8	35.3	57.9	67.2	102.2	91.3
1984	8.3	5.6	10.9	18.0	33.3	44.1	62.9	73.4	89.5	88.3
1983	7.8	4.8	9.6	17.8	31.7	39.4	64.3	75.9	73.9	90.6
1982	7.5	4.3	9.4	17.9	26.1	40.4	56.4	70.9	90.4	85.7
1981	6.8	5.3	9.8	16.8	24.9	36.4	55.6	64.7	66.0	74.8
1980	7.6	4.7	10.1	18.5	32.7	42.1	62.9	66.9	73.3	79.2
1979	7.5	5.0	12.5	19.2	31.3	40.3	54.6	67.8	71.0	80.7
Malignant neoplasm of pancreas (157)										
Black, both sexes										
1998	9.5	6.4	12.4	22.7	37.9	50.6	70.1	90.1	110.7	128.1
1997	9.5	6.3	12.4	23.3	37.4	51.0	70.7	88.8	108.4	135.4
1996	9.4	6.0	12.2	23.3	36.1	53.0	73.0	90.1	106.9	121.9
1995	9.0	5.1	11.9	20.7	35.9	48.6	71.6	82.9	112.8	120.2
1994	9.8	7.2	12.8	26.1	35.5	54.1	78.7	95.6	113.0	118.5
1993	9.7	6.3	14.6	23.5	37.9	56.1	74.7	96.3	113.0	115.2
1992	9.9	7.5	12.4	27.7	36.4	59.2	74.4	94.8	116.9	123.6
1991	9.4	6.3	12.6	23.7	33.7	52.2	72.1	90.1	121.5	115.7
1990	9.9	7.7	13.8	26.0	37.0	55.7	81.2	90.8	116.2	113.6
1989	9.8	6.6	14.0	26.3	41.4	56.4	72.4	85.6	116.7	116.4
1988	9.5	6.9	15.0	24.0	38.0	56.0	75.8	91.8	92.6	105.6
1987	9.5	5.8	13.3	24.3	41.2	52.9	70.8	87.7	102.7	120.2
1986	9.5	6.6	12.8	24.2	38.0	56.0	74.2	89.8	106.3	110.4
1985	9.4	7.7	14.8	26.6	40.5	49.3	73.5	82.2	115.5	93.8
1984	9.8	8.9	15.8	27.9	42.9	55.0	75.7	88.9	103.8	86.8
1983	9.6	7.2	13.8	27.4	43.9	51.6	75.0	90.8	101.8	101.6
1982	9.1	6.2	14.9	25.9	40.0	49.9	75.4	81.6	95.4	97.7
1981	8.7	7.6	14.1	23.7	36.0	51.2	74.7	79.4	86.1	78.6
1980	9.0	7.1	14.6	26.8	42.4	52.8	74.1	78.9	89.9	81.7
1979	8.7	7.6	15.2	24.8	39.4	51.0	70.6	76.5	76.6	82.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of pancreas (157)										
Black, male										
1998	9.1	8.8	15.7	27.2	46.4	59.4	79.6	102.6	122.6	120.8
1997	9.1	8.2	15.8	30.1	44.0	57.8	83.9	98.5	114.8	116.9
1996	9.0	9.1	15.7	29.4	38.5	62.4	84.4	102.3	103.7	131.8
1995	8.6	6.3	15.5	24.8	40.7	58.5	85.4	91.8	115.8	122.0
1994	9.7	10.4	15.8	31.2	42.2	64.3	90.8	110.5	127.6	122.4
1993	9.5	8.9	18.9	27.5	44.9	60.7	86.0	114.6	145.9	110.3
1992	9.9	10.0	15.3	36.7	44.9	69.7	81.5	114.8	138.4	127.5
1991	9.3	8.4	17.7	30.5	41.4	65.1	84.6	90.8	144.5	107.3
1990	10.0	9.5	18.5	31.5	45.2	68.5	92.9	110.8	127.1	128.3
1989	9.8	9.5	19.3	30.1	51.1	65.3	86.9	92.1	129.9	136.4
1988	9.6	9.1	21.6	30.0	48.1	64.8	88.4	104.5	97.9	107.7
1987	9.7	7.7	17.0	32.6	48.0	66.6	84.7	105.7	118.5	120.3
1986	9.5	9.0	13.3	30.9	50.6	65.0	85.9	103.5	101.1	114.3
1985	9.8	9.9	18.6	30.9	52.5	63.7	87.8	97.1	129.9	98.4
1984	10.1	12.3	19.7	36.6	49.5	64.4	86.1	101.8	120.2	85.2
1983	10.3	9.2	18.5	36.1	55.1	61.8	83.2	107.3	140.2	110.0
1982	9.9	8.5	20.4	33.5	54.2	60.5	93.8	90.1	96.3	112.1
1981	9.8	9.9	17.8	29.9	45.9	68.2	97.5	100.6	109.1	80.4
1980	9.7	9.5	18.2	35.5	50.0	64.7	85.2	89.6	110.6	84.9
1979	9.2	10.3	17.8	29.2	46.2	63.0	89.4	87.6	79.2	84.6
Malignant neoplasm of pancreas (157)										
Black, female										
1998	9.9	4.4	9.6	19.0	31.3	44.0	63.9	82.5	104.9	130.8
1997	9.8	4.7	9.5	17.7	32.2	45.9	62.0	82.9	105.3	142.4
1996	9.7	3.3	9.3	18.4	34.2	46.0	65.5	82.7	108.5	118.1
1995	9.3	4.1	8.9	17.4	32.3	41.3	62.6	77.7	111.3	119.5
1994	9.9	4.4	10.3	22.0	30.3	46.6	70.8	86.8	105.9	117.0
1993	9.9	4.2	11.1	20.2	32.6	52.7	67.2	85.6	96.5	117.1
1992	10.0	5.5	9.9	20.6	29.9	51.5	69.8	83.2	106.1	122.0
1991	9.4	4.5	8.5	18.3	27.8	42.7	63.9	89.7	109.8	119.1
1990	9.8	6.2	9.9	21.7	30.9	46.5	73.5	79.1	110.6	107.4
1989	9.8	4.2	9.7	23.3	34.1	49.9	63.1	81.7	109.7	108.5
1988	9.4	5.0	9.6	19.2	30.4	49.7	67.4	84.1	89.9	104.7
1987	9.3	4.2	10.2	17.7	36.1	42.9	61.4	76.8	94.2	120.1
1986	9.5	4.7	12.4	18.9	28.5	49.4	66.2	81.5	109.1	108.7
1985	9.0	5.8	11.7	23.0	31.2	38.7	64.0	72.9	107.6	91.7
1984	9.5	6.1	12.5	20.8	37.8	48.1	68.7	80.8	94.7	87.6
1983	9.0	5.5	10.0	20.3	35.2	44.2	69.7	79.9	80.0	97.6
1982	8.5	4.4	10.4	19.7	29.0	42.2	62.8	76.5	94.9	90.7
1981	7.7	5.7	11.2	18.6	28.2	38.8	58.8	65.6	72.7	77.0
1980	8.4	5.1	11.8	19.7	36.3	43.9	66.1	71.9	77.5	80.2
1979	8.1	5.4	13.0	21.2	34.0	42.0	57.0	68.6	75.0	81.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of larynx (161)										
All races, both sexes										
1998	1.4	0.8	1.7	3.2	4.8	6.4	7.4	7.5	8.0	6.0
1997	1.4	0.8	1.6	3.3	5.5	6.2	7.1	7.7	7.5	6.6
1996	1.5	0.9	1.9	3.6	5.7	6.5	7.4	7.6	7.3	6.4
1995	1.5	0.9	1.9	3.2	5.2	6.8	7.2	8.3	7.9	6.2
1994	1.5	0.8	1.9	3.5	5.7	7.0	8.0	7.3	8.3	7.0
1993	1.5	0.9	2.1	3.8	5.2	7.2	8.1	8.2	8.0	7.5
1992	1.5	0.9	2.2	3.7	5.7	7.4	7.9	8.4	7.8	6.6
1991	1.6	1.1	2.4	4.1	5.5	7.3	7.9	7.7	8.7	6.7
1990	1.5	0.8	2.4	3.5	5.8	7.0	7.8	7.8	7.2	6.2
1989	1.5	1.0	2.1	4.0	5.6	6.5	7.5	8.1	8.1	6.4
1988	1.5	1.0	2.2	4.1	5.6	6.9	7.4	7.7	7.1	7.0
1987	1.5	0.8	2.4	4.1	5.7	6.8	7.7	7.8	6.8	7.6
1986	1.5	1.0	2.1	4.3	5.8	6.8	7.1	7.9	7.9	6.3
1985	1.5	1.1	2.3	4.1	5.5	7.1	7.0	7.7	6.8	6.5
1984	1.5	1.0	2.6	4.4	6.0	7.3	7.0	7.4	8.2	6.0
1983	1.5	1.3	2.4	4.0	6.0	7.5	7.8	7.7	7.3	6.1
1982	1.6	0.9	2.7	4.3	5.9	7.8	8.4	7.5	6.9	5.9
1981	1.5	1.0	2.5	4.4	5.8	7.0	7.6	7.7	8.0	7.2
1980	1.5	1.2	2.3	4.5	5.5	7.6	7.5	7.2	7.9	5.1
1979	1.5	1.3	2.7	3.7	6.1	7.5	7.9	7.2	7.6	6.4
Malignant neoplasm of larynx (161)										
All races, male										
1998	2.2	1.4	2.9	5.4	8.0	10.9	13.0	13.7	15.6	15.7
1997	2.3	1.3	2.7	5.7	9.2	10.3	12.9	14.7	16.1	18.8
1996	2.3	1.4	3.2	6.2	9.6	11.1	13.2	14.5	15.5	17.5
1995	2.4	1.6	3.4	5.6	8.8	12.1	12.6	15.9	17.8	17.7
1994	2.4	1.4	3.2	6.0	9.7	12.0	14.3	13.6	19.3	20.7
1993	2.5	1.4	3.6	6.6	8.7	12.9	14.9	15.6	17.4	20.7
1992	2.5	1.5	3.5	6.0	9.5	12.7	14.4	15.9	18.3	19.0
1991	2.5	1.6	4.0	6.5	9.5	12.6	14.5	15.1	20.4	18.6
1990	2.5	1.4	4.1	6.0	9.7	12.2	14.7	15.4	17.4	18.4
1989	2.5	1.7	3.4	6.7	9.6	11.2	14.2	16.1	19.7	18.3
1988	2.5	1.8	3.6	6.8	9.5	12.4	14.5	16.2	16.2	19.8
1987	2.5	1.4	4.0	7.0	9.8	12.2	15.0	16.3	16.7	21.7
1986	2.5	1.5	3.7	7.2	9.9	12.1	13.5	16.9	18.4	18.6
1985	2.5	1.7	3.8	6.9	9.7	13.1	13.1	16.1	16.5	18.4
1984	2.6	1.7	4.3	7.7	10.6	13.2	13.4	15.8	20.3	17.1
1983	2.6	2.0	3.9	6.8	10.5	13.6	15.5	16.4	18.1	17.1
1982	2.6	1.6	4.5	7.7	9.9	14.1	16.7	16.3	16.1	17.6
1981	2.6	1.7	4.3	7.3	9.8	13.0	15.2	17.3	20.5	20.5
1980	2.6	1.9	4.0	7.6	9.7	14.6	14.9	16.0	21.1	13.4
1979	2.7	2.1	4.7	6.5	11.1	14.1	16.2	15.9	19.8	18.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of larynx (161)										
All races, female										
1998	0.6	0.3	0.6	1.1	1.9	2.5	3.0	3.3	3.5	2.2
1997	0.6	0.3	0.5	1.1	2.1	2.7	2.5	2.9	2.6	1.8
1996	0.6	0.3	0.7	1.1	2.2	2.7	2.9	2.9	2.7	2.0
1995	0.6	0.3	0.6	1.1	2.0	2.4	3.1	3.1	2.4	1.8
1994	0.6	0.3	0.7	1.3	2.1	2.8	3.2	3.0	2.2	1.7
1993	0.6	0.3	0.6	1.3	2.1	2.5	2.9	3.3	2.8	2.5
1992	0.6	*	0.9	1.5	2.3	3.1	2.9	3.5	2.2	1.9
1991	0.7	0.6	0.9	1.9	2.0	3.0	2.9	2.9	2.5	2.1
1990	0.6	*	0.8	1.3	2.3	2.7	2.8	2.8	1.7	1.4
1989	0.6	0.4	0.9	1.6	2.2	2.7	2.6	2.9	2.0	1.7
1988	0.6	*	0.8	1.5	2.2	2.5	2.2	2.3	2.3	2.0
1987	0.6	0.3	0.9	1.4	2.1	2.4	2.4	2.5	1.7	2.1
1986	0.6	0.5	0.7	1.7	2.3	2.5	2.5	2.1	2.4	1.4
1985	0.5	0.5	0.8	1.4	1.9	2.2	2.5	2.3	1.7	1.8
1984	0.5	0.4	0.9	1.5	2.1	2.5	2.4	2.0	1.8	1.5
1983	0.6	0.5	1.0	1.5	2.1	2.5	2.2	2.2	1.6	1.6
1982	0.6	*	1.1	1.2	2.5	2.7	2.4	1.9	2.0	*
1981	0.5	0.4	0.9	1.7	2.3	2.1	2.1	1.8	1.4	1.5
1980	0.5	0.6	0.8	1.7	1.8	2.0	2.1	1.7	*	1.5
1979	0.5	0.5	0.9	1.3	1.8	2.2	1.9	1.7	1.1	*
Malignant neoplasm of larynx (161)										
White, both sexes										
1998	1.4	0.6	1.5	2.7	4.3	5.8	6.9	7.3	8.0	6.1
1997	1.4	0.6	1.4	2.8	4.9	5.7	6.5	7.3	7.2	6.3
1996	1.4	0.6	1.6	3.1	5.0	5.9	6.9	7.3	7.2	6.4
1995	1.4	0.7	1.6	2.8	4.7	6.4	6.8	7.7	7.9	5.9
1994	1.5	0.6	1.6	3.0	5.0	6.5	7.6	7.0	8.0	6.6
1993	1.5	0.6	1.5	3.2	4.7	6.9	7.5	7.8	7.9	7.5
1992	1.5	0.6	1.7	3.0	5.3	6.8	7.6	8.2	7.7	6.6
1991	1.5	0.7	1.8	3.6	5.0	6.7	7.7	7.8	8.7	6.4
1990	1.5	0.6	1.8	3.1	5.3	6.6	7.5	7.5	7.2	5.9
1989	1.5	0.7	1.7	3.4	5.1	6.1	7.3	7.9	7.9	6.3
1988	1.4	0.8	1.7	3.6	5.0	6.3	7.1	7.2	7.1	6.8
1987	1.5	0.6	2.0	3.7	5.2	6.5	7.5	7.7	6.6	7.6
1986	1.5	0.7	1.7	3.9	5.2	6.4	6.9	7.6	7.5	6.3
1985	1.4	0.8	1.8	3.5	5.0	6.9	6.7	7.6	6.7	6.2
1984	1.5	0.8	2.1	3.9	5.4	6.8	6.8	7.3	8.2	6.0
1983	1.5	0.9	2.0	3.6	5.6	7.3	7.7	7.8	7.2	6.0
1982	1.6	0.7	2.3	3.9	5.5	7.6	8.3	7.4	6.8	5.7
1981	1.5	0.7	2.1	3.9	5.3	6.9	7.5	7.7	8.1	7.2
1980	1.5	1.0	1.9	4.0	5.2	7.2	7.4	7.0	8.1	4.8
1979	1.5	1.0	2.3	3.4	5.8	7.3	7.9	7.4	7.5	6.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of larynx (161)										
White, male										
1998	2.1	0.9	2.4	4.3	7.0	9.9	12.0	12.9	15.7	15.9
1997	2.2	1.0	2.2	4.8	7.9	9.7	11.7	13.7	15.3	18.0
1996	2.2	1.1	2.7	5.2	8.1	10.0	12.0	13.6	14.9	17.6
1995	2.3	1.2	2.7	4.8	7.7	11.4	12.0	14.5	17.6	16.8
1994	2.3	1.1	2.6	4.9	8.5	11.1	13.6	12.8	18.7	19.4
1993	2.4	1.0	2.6	5.6	7.8	12.1	13.9	14.5	17.5	20.7
1992	2.4	1.1	2.7	4.9	8.8	11.5	13.7	15.1	18.2	19.2
1991	2.5	1.0	2.9	5.7	8.7	11.6	13.9	15.0	20.3	17.4
1990	2.4	1.0	3.2	5.3	8.8	11.5	14.0	15.1	17.5	17.8
1989	2.3	1.1	2.6	5.5	8.7	10.2	13.6	15.6	18.8	18.1
1988	2.4	1.4	2.7	5.9	8.3	11.0	13.7	14.8	16.3	19.4
1987	2.5	1.0	3.2	6.4	8.8	11.5	14.5	15.9	16.1	21.8
1986	2.4	1.2	2.8	6.5	9.0	11.4	13.0	16.1	17.2	18.8
1985	2.4	1.2	2.9	5.9	8.8	12.5	12.6	16.3	16.2	18.0
1984	2.5	1.3	3.3	6.7	9.4	12.1	12.8	15.8	20.5	17.0
1983	2.6	1.7	3.3	6.0	9.7	13.2	15.2	16.7	17.9	17.0
1982	2.6	1.3	3.8	7.0	9.1	13.7	16.4	16.4	16.0	17.1
1981	2.6	1.1	3.6	6.6	8.9	12.7	14.7	17.2	20.8	21.0
1980	2.5	1.6	3.3	6.8	9.1	13.7	14.5	15.2	21.5	12.4
1979	2.6	1.8	3.9	5.9	10.5	13.4	16.1	16.5	19.8	18.8
Malignant neoplasm of larynx (161)										
White, female										
1998	0.6	*	0.5	1.1	1.8	2.3	2.9	3.4	3.5	2.2
1997	0.6	*	0.5	0.9	2.1	2.3	2.5	2.9	2.5	1.7
1996	0.6	*	0.6	1.0	2.1	2.4	2.8	2.9	2.8	2.1
1995	0.6	*	0.5	0.9	2.0	2.2	2.9	3.1	2.5	1.7
1994	0.6	*	0.6	1.1	1.9	2.7	2.9	3.0	2.1	1.7
1993	0.6	*	0.5	0.9	1.9	2.6	2.6	3.3	2.7	2.6
1992	0.6	*	0.7	1.3	2.2	3.0	2.9	3.6	2.1	1.9
1991	0.7	0.4	0.7	1.6	1.8	2.7	3.0	3.0	2.5	2.2
1990	0.6	*	0.5	1.0	2.2	2.6	2.7	2.6	1.8	1.4
1989	0.6	*	0.7	1.5	2.0	2.7	2.6	3.0	2.1	1.7
1988	0.6	*	0.7	1.5	2.0	2.4	2.3	2.4	2.3	2.0
1987	0.6	*	0.8	1.2	2.0	2.3	2.4	2.5	1.6	2.1
1986	0.6	*	0.6	1.5	1.9	2.4	2.5	2.2	2.4	1.4
1985	0.5	*	0.7	1.3	1.7	2.3	2.4	2.2	1.7	1.6
1984	0.6	0.4	0.8	1.4	1.8	2.6	2.4	2.0	1.8	1.6
1983	0.5	*	0.8	1.4	2.0	2.6	2.3	2.3	1.6	1.5
1982	0.6	*	1.0	1.2	2.4	2.7	2.4	1.9	2.0	*
1981	0.5	*	0.6	1.5	2.1	2.1	2.3	1.8	1.4	1.4
1980	0.5	*	0.6	1.5	1.7	1.9	2.2	1.9	*	1.5
1979	0.5	*	0.8	1.2	1.8	2.3	2.0	1.7	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of larynx (161)										
All other, both sexes										
1998	1.5	2.2	3.2	6.5	8.1	10.1	10.9	9.5	7.6	5.3
1997	1.6	1.9	3.0	6.3	9.4	9.5	11.3	11.0	10.8	9.8
1996	1.7	2.1	3.7	6.7	10.3	10.7	11.9	10.3	8.4	6.0
1995	1.6	2.2	4.3	6.0	8.7	10.0	10.5	13.5	8.6	9.6
1994	1.7	2.1	4.0	7.2	10.1	10.3	11.4	10.0	10.9	11.0
1993	1.7	2.4	5.3	7.6	8.5	9.7	13.0	11.7	8.1	7.5
1992	1.8	2.3	5.3	8.0	8.7	12.0	10.3	10.7	9.0	*
1991	1.8	3.2	6.2	7.4	8.7	12.4	10.1	7.4	9.3	10.1
1990	1.7	2.2	5.7	6.7	9.3	9.9	10.5	10.3	6.4	8.4
1989	1.8	3.2	5.0	7.9	9.5	10.3	9.1	9.4	11.1	*
1988	1.8	2.4	5.4	7.2	10.5	12.2	9.9	12.4	6.9	8.5
1987	1.7	2.3	5.2	7.0	9.5	9.8	9.3	9.3	9.4	*
1986	1.7	2.3	5.0	7.3	10.6	9.6	8.6	10.7	11.8	*
1985	1.7	3.1	5.6	8.0	9.4	9.3	9.3	7.9	8.1	9.9
1984	1.8	2.2	6.0	8.6	11.7	11.0	9.1	7.5	8.1	*
1983	1.6	3.3	5.0	6.8	9.3	8.6	8.5	6.9	8.4	*
1982	1.6	2.1	5.5	7.2	9.5	8.8	9.1	7.8	*	*
1981	1.7	3.5	5.9	8.2	10.5	7.9	8.4	8.2	*	*
1980	1.8	2.9	5.4	8.8	8.0	11.7	8.2	9.7	*	*
1979	1.6	3.0	6.2	6.5	9.1	9.6	8.0	5.0	*	*
Malignant neoplasm of larynx (161)										
All other, male										
1998	2.6	3.9	5.8	12.4	14.7	18.5	21.7	21.1	14.6	*
1997	2.7	3.3	5.8	11.5	18.0	15.5	24.0	25.0	23.7	26.3
1996	2.9	3.5	6.4	12.7	20.0	19.3	24.0	23.0	21.5	*
1995	2.7	3.8	7.9	10.8	17.1	17.7	18.3	28.8	20.6	26.1
1994	2.9	3.7	7.6	13.0	18.6	19.5	20.5	21.6	25.3	32.5
1993	2.9	4.3	10.0	13.0	15.2	19.6	24.4	26.1	16.3	*
1992	3.0	4.1	9.0	13.8	15.7	23.1	21.3	23.8	20.0	*
1991	3.0	5.3	11.1	12.1	15.4	21.8	20.6	16.3	21.3	29.4
1990	2.8	4.3	9.7	11.3	17.3	18.5	21.0	19.2	16.2	24.6
1989	3.1	6.0	8.7	15.2	16.9	20.5	19.6	21.2	28.1	*
1988	3.3	4.6	10.0	13.8	20.0	24.4	22.5	29.7	*	*
1987	2.9	3.7	9.4	12.0	18.5	19.3	18.9	19.5	22.3	*
1986	3.0	3.8	9.7	12.7	17.6	18.1	17.4	24.8	29.6	*
1985	2.9	5.0	10.4	15.2	17.3	19.0	18.0	14.1	19.2	*
1984	3.2	4.5	11.4	16.5	21.0	22.8	19.3	15.8	*	*
1983	2.8	4.8	8.5	12.7	17.5	17.5	17.7	14.2	*	*
1982	2.9	3.6	9.9	14.0	17.3	17.3	19.4	16.2	*	*
1981	2.9	5.7	9.8	13.7	17.7	15.6	19.4	17.7	*	*
1980	3.1	4.1	9.4	15.0	15.4	23.1	18.5	23.4	*	*
1979	2.9	4.8	11.7	11.8	17.5	20.2	16.7	10.9	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of larynx (161)										
All other, female										
1998	0.5	*	*	*	2.7	3.8	3.6	*	*	*
1997	0.6	*	*	*	2.6	5.0	*	*	*	*
1996	0.6	*	*	*	2.6	4.3	3.6	*	*	*
1995	0.6	*	*	*	*	4.2	5.1	*	*	*
1994	0.6	*	*	2.4	3.5	3.4	5.2	*	*	*
1993	0.6	*	*	3.2	3.3	*	5.2	*	*	*
1992	0.6	*	2.1	3.2	3.3	3.7	*	*	*	*
1991	0.7	*	*	3.5	3.5	5.5	*	*	*	*
1990	0.6	*	*	3.1	3.3	3.5	*	*	*	*
1989	0.5	*	*	*	3.9	*	*	*	*	*
1988	0.5	*	*	*	3.2	*	*	*	*	*
1987	0.6	*	*	3.0	*	*	*	*	*	*
1986	0.6	*	*	3.0	5.1	*	*	*	*	*
1985	0.6	*	*	*	3.2	*	*	*	*	*
1984	0.5	*	*	*	4.4	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	3.4	*	*	*	*	*
1981	0.7	*	2.7	3.8	4.7	*	*	*	*	*
1980	0.6	*	*	3.6	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Malignant neoplasm of larynx (161)										
Black, both sexes										
1998	2.0	3.0	4.2	8.8	10.7	13.1	13.9	10.6	8.6	*
1997	2.1	2.6	4.1	8.3	12.3	12.0	13.9	12.9	12.2	10.5
1996	2.2	2.8	5.1	9.3	13.7	13.7	15.5	11.9	10.3	*
1995	2.1	3.0	5.8	7.8	11.2	12.8	12.9	15.0	9.5	10.0
1994	2.2	3.0	5.5	9.2	12.7	12.5	13.7	11.8	12.4	11.6
1993	2.2	3.2	7.0	10.1	11.0	11.9	15.5	13.8	8.6	8.9
1992	2.3	3.2	7.1	10.6	11.2	14.7	12.6	12.3	9.3	*
1991	2.3	4.4	8.2	9.5	11.0	14.9	12.1	7.8	10.4	11.0
1990	2.1	3.0	7.5	8.4	11.1	12.0	11.9	11.2	7.3	9.4
1989	2.2	4.2	6.5	9.7	11.6	12.4	10.9	10.4	11.0	*
1988	2.2	3.1	7.0	9.0	12.7	14.3	11.9	12.9	7.7	9.3
1987	2.0	2.8	6.6	8.3	11.3	11.4	10.1	10.3	10.6	*
1986	2.1	3.0	6.2	9.0	12.4	11.3	9.5	12.4	12.9	*
1985	2.1	3.9	6.7	9.5	11.0	10.0	10.8	8.6	9.4	*
1984	2.2	2.8	7.3	10.6	13.8	12.6	9.8	7.9	8.5	*
1983	1.9	3.9	6.1	7.8	11.1	9.6	9.1	6.6	8.8	*
1982	1.9	2.6	6.4	8.6	10.7	10.3	10.3	8.7	*	*
1981	2.1	4.2	7.1	9.8	12.1	8.8	9.5	8.2	*	*
1980	2.0	3.5	6.3	9.7	9.2	12.7	9.0	10.8	*	*
1979	1.8	3.5	7.3	7.4	10.1	10.4	8.7	5.3	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of larynx (161)										
Black, male										
1998	3.4	5.3	7.9	17.1	19.7	24.0	28.1	24.3	18.0	*
1997	3.6	4.5	7.9	15.5	24.2	19.9	30.1	31.4	27.3	30.8
1996	3.8	4.7	8.8	17.7	26.9	24.5	32.0	26.7	27.8	*
1995	3.5	5.2	10.9	14.1	22.1	22.9	23.3	32.3	23.3	29.5
1994	3.7	5.1	10.5	16.9	23.2	24.0	24.8	26.4	31.9	37.2
1993	3.7	6.0	13.5	17.6	19.8	24.4	29.5	32.0	*	*
1992	3.9	5.8	12.2	18.7	20.4	29.1	26.8	28.7	21.6	*
1991	3.8	7.2	15.1	15.7	20.0	26.1	25.2	18.4	24.9	33.3
1990	3.5	5.9	13.0	13.9	20.8	22.5	24.1	20.7	*	*
1989	4.0	8.2	11.5	18.6	21.2	25.5	24.2	24.2	29.9	*
1988	4.1	6.0	13.0	17.2	24.6	29.0	27.6	31.6	*	*
1987	3.6	4.7	12.3	14.5	22.3	22.5	21.3	23.4	26.1	*
1986	3.6	5.0	12.2	15.6	21.0	21.6	19.8	29.7	33.3	*
1985	3.5	6.3	12.4	17.9	20.1	20.9	21.5	16.5	23.0	*
1984	3.9	5.8	13.9	20.2	25.2	26.1	20.8	16.8	*	*
1983	3.3	5.7	10.5	14.7	20.8	20.6	19.7	13.9	*	*
1982	3.4	4.5	11.3	16.8	19.6	20.4	22.3	18.6	*	*
1981	3.5	6.9	11.8	16.3	20.7	18.0	22.6	19.0	*	*
1980	3.6	5.0	10.9	16.7	17.6	25.3	20.9	26.8	*	*
1979	3.3	5.5	13.8	13.5	19.6	22.5	18.6	*	*	*
Malignant neoplasm of larynx (161)										
Black, female										
1998	0.7	*	*	*	3.6	5.0	4.6	*	*	*
1997	0.7	*	*	*	*	6.1	*	*	*	*
1996	0.7	*	*	*	*	5.7	4.7	*	*	*
1995	0.8	*	*	*	*	5.4	6.2	*	*	*
1994	0.8	*	*	*	4.7	4.1	6.5	*	*	*
1993	0.8	*	*	4.1	4.3	*	6.3	*	*	*
1992	0.8	*	2.9	4.2	4.1	4.2	*	*	*	*
1991	0.9	*	*	4.6	4.1	6.8	*	*	*	*
1990	0.8	*	*	4.0	3.8	4.4	*	*	*	*
1989	0.6	*	*	*	4.3	*	*	*	*	*
1988	0.6	*	*	*	3.6	*	*	*	*	*
1987	0.7	*	*	3.4	*	*	*	*	*	*
1986	0.8	*	*	3.6	5.9	*	*	*	*	*
1985	0.7	*	*	*	3.9	*	*	*	*	*
1984	0.6	*	*	*	4.9	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.8	*	3.2	4.5	5.4	*	*	*	*	*
1980	0.7	*	*	4.0	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of trachea, bronchus and lung (162)										
All races, both sexes										
1998	56.0	20.7	46.7	96.5	169.2	252.4	339.1	363.7	368.9	291.5
1997	56.2	21.1	49.8	99.4	171.3	255.8	334.0	365.2	365.1	295.0
1996	56.4	22.3	54.7	102.7	176.5	259.7	331.8	358.5	365.9	278.5
1995	56.8	23.4	55.4	106.7	180.1	261.8	333.0	360.9	356.0	279.9
1994	56.8	23.9	57.4	109.8	187.0	267.9	326.4	356.2	353.0	265.6
1993	57.3	26.3	58.6	115.6	191.1	268.6	326.5	354.8	344.8	267.1
1992	56.9	27.2	62.1	117.0	190.2	268.4	321.6	350.8	338.6	252.8
1991	56.8	29.3	63.2	121.1	192.3	265.9	318.8	346.7	333.0	252.1
1990	56.8	30.4	66.8	123.7	197.1	261.6	322.2	344.4	315.8	242.5
1989	55.6	30.3	67.4	123.7	193.5	256.3	316.1	331.9	306.5	228.1
1988	54.5	31.3	68.5	123.7	193.0	250.6	305.6	317.0	300.0	223.3
1987	53.7	32.1	70.0	123.2	189.8	248.8	302.7	311.6	282.4	214.2
1986	52.3	31.8	70.0	122.2	184.9	242.7	294.4	301.6	272.6	208.1
1985	51.5	33.0	69.9	123.6	184.8	240.5	287.0	292.1	265.5	195.2
1984	50.3	34.2	70.2	123.9	178.5	236.0	278.8	283.0	258.5	192.6
1983	49.2	33.9	70.6	121.2	173.4	231.5	273.9	273.7	254.5	186.1
1982	48.1	35.6	70.6	118.0	174.2	228.9	263.3	264.9	237.0	186.3
1981	46.4	36.1	71.1	116.3	166.0	222.9	253.1	252.3	225.7	177.9
1980	45.8	36.2	71.0	113.0	167.3	218.1	253.0	252.2	221.4	176.0
1979	43.8	36.2	69.9	108.8	165.0	207.4	238.9	233.1	218.4	160.0
Malignant neoplasms of trachea, bronchus and lung (162)										
All races, male										
1998	67.7	25.1	57.6	122.7	217.2	335.9	468.3	525.0	566.6	530.5
1997	68.4	25.8	61.6	125.5	224.6	345.0	464.1	530.2	572.1	549.6
1996	69.5	27.6	68.3	132.6	232.6	353.7	467.4	527.1	587.6	525.5
1995	70.5	28.3	69.5	137.4	239.2	362.0	475.9	537.0	582.0	540.3
1994	71.5	29.1	73.1	142.2	255.1	372.6	468.7	537.4	593.1	527.8
1993	72.9	32.1	75.0	153.1	261.6	381.0	472.9	547.2	595.1	528.9
1992	73.0	34.0	80.3	154.8	260.1	385.2	467.5	551.7	596.3	515.4
1991	74.3	37.1	81.4	162.6	269.5	386.3	480.5	553.0	606.9	525.7
1990	75.1	38.2	86.2	168.9	277.7	383.7	492.3	567.7	582.1	513.2
1989	74.0	38.8	88.6	169.6	274.2	376.5	487.2	552.3	574.9	488.6
1988	73.9	38.9	91.3	171.1	277.1	375.1	483.1	550.0	575.8	477.7
1987	74.0	41.7	93.4	173.5	277.1	375.4	491.8	545.5	562.5	466.8
1986	72.8	41.3	94.5	172.5	273.8	370.7	478.5	544.8	548.4	452.6
1985	72.5	42.9	94.1	176.9	272.7	371.7	475.2	538.5	536.1	433.2
1984	71.9	44.3	96.3	179.2	267.9	370.0	476.4	530.4	528.8	426.2
1983	70.7	44.6	97.1	174.5	260.1	368.6	470.4	522.4	523.6	409.6
1982	70.4	47.7	99.5	172.8	265.9	372.2	463.4	515.2	494.4	412.4
1981	68.8	48.9	102.2	172.8	257.6	368.2	451.4	493.5	475.1	389.9
1980	68.6	49.6	101.3	170.8	263.9	364.5	457.7	497.1	473.8	368.1
1979	66.7	49.6	102.0	165.9	264.9	355.0	441.1	466.8	463.7	350.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of trachea, bronchus and lung (162)										
All races, female										
1998	44.8	16.5	36.4	72.1	125.8	181.3	238.8	252.0	254.7	196.5
1997	44.5	16.4	38.5	75.1	123.3	180.3	234.0	251.7	247.0	195.1
1996	43.9	17.1	41.8	74.9	126.1	180.6	227.8	243.4	241.0	182.7
1995	43.6	18.8	42.1	78.4	127.4	178.2	223.6	241.9	230.6	179.6
1994	42.8	18.9	42.5	79.8	126.3	181.4	217.7	234.9	221.7	165.2
1993	42.3	20.6	43.1	80.9	128.7	176.4	215.2	227.0	209.2	167.1
1992	41.5	20.7	44.9	82.1	128.4	173.3	211.3	218.6	200.2	152.6
1991	40.2	21.8	45.9	82.9	124.5	168.1	197.3	212.1	187.1	147.3
1990	39.4	22.9	48.5	82.4	126.9	162.5	195.9	200.8	174.4	138.1
1989	38.0	22.2	47.5	81.8	123.5	158.7	189.7	190.6	164.5	126.9
1988	36.1	24.0	46.9	80.6	120.5	149.4	175.2	168.5	154.7	124.0
1987	34.4	23.0	48.0	77.5	114.6	145.6	164.8	163.3	135.3	114.7
1986	32.8	22.8	47.1	76.7	108.2	138.7	160.5	148.1	128.0	111.1
1985	31.7	23.6	47.4	75.5	108.9	134.3	150.6	137.0	123.4	100.2
1984	29.9	24.7	45.9	74.3	101.1	127.9	135.8	127.7	116.4	98.2
1983	28.9	23.6	45.9	73.5	98.2	121.3	131.8	117.6	112.6	94.6
1982	27.0	24.2	43.7	69.2	94.7	114.1	118.6	108.0	101.0	92.1
1981	25.3	23.9	42.3	66.0	86.7	106.6	109.8	101.0	93.5	87.7
1980	24.3	23.7	43.1	61.3	84.0	100.9	104.9	98.7	87.1	91.9
1979	22.2	23.6	40.4	57.7	78.8	89.5	92.8	85.9	86.8	75.4
Malignant neoplasms of trachea, bronchus and lung (162)										
White, both sexes										
1998	60.0	19.3	44.8	94.6	168.8	254.6	339.5	366.0	372.2	292.9
1997	60.1	19.7	48.1	97.5	170.7	258.1	333.5	367.5	368.3	296.1
1996	60.3	20.9	53.5	101.1	175.2	260.5	332.2	360.0	369.0	279.5
1995	60.5	22.2	53.7	105.0	178.3	261.6	332.5	364.1	359.0	279.9
1994	60.4	22.5	55.2	107.4	186.4	267.9	325.6	358.3	354.6	265.3
1993	60.8	24.3	56.6	113.5	190.2	268.4	325.2	357.4	345.9	266.3
1992	60.2	25.8	59.5	113.3	188.2	267.0	321.0	353.8	340.5	253.0
1991	60.0	27.5	60.3	118.3	190.6	263.8	318.6	348.9	333.0	252.2
1990	59.7	28.7	64.2	119.5	193.7	259.4	322.4	347.1	318.3	242.3
1989	58.3	28.7	64.3	120.6	190.8	253.6	315.8	332.8	308.7	228.5
1988	57.2	29.8	65.7	121.0	190.5	247.8	306.3	318.8	300.8	221.8
1987	56.1	30.8	66.5	120.3	186.6	245.8	302.7	314.0	283.3	213.7
1986	54.6	30.0	66.8	119.4	181.0	240.5	295.5	304.2	274.1	207.4
1985	53.7	31.9	66.8	119.5	180.9	240.2	286.4	295.3	266.6	195.2
1984	52.3	32.5	67.4	119.8	173.3	235.0	280.4	284.9	258.6	193.0
1983	51.1	31.6	67.6	117.2	169.4	230.9	273.4	276.9	254.2	188.3
1982	49.9	33.9	67.7	113.9	169.8	228.6	263.9	268.5	236.3	187.5
1981	48.0	33.9	67.9	112.3	162.0	222.1	254.0	255.7	225.1	179.5
1980	47.3	33.8	68.0	109.1	164.0	217.1	254.0	254.7	221.4	177.3
1979	45.2	33.7	67.0	104.7	162.0	206.9	240.8	236.3	218.7	161.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of trachea, bronchus and lung (162)										
White, male										
1998	71.4	22.6	53.4	117.7	211.8	333.0	462.4	520.4	563.7	531.3
1997	72.1	23.4	57.8	119.3	219.3	342.2	456.4	526.3	569.5	551.1
1996	73.0	25.0	64.8	126.7	225.1	348.6	460.7	521.8	585.6	525.9
1995	74.0	26.0	65.1	131.6	231.5	356.1	468.0	533.0	580.6	539.3
1994	74.7	26.4	67.8	135.9	249.4	366.1	459.7	533.0	589.0	525.3
1993	76.0	28.5	69.9	147.0	254.4	374.1	461.9	542.6	590.7	528.9
1992	76.0	31.3	74.7	146.2	252.3	377.4	459.0	549.6	592.5	518.9
1991	77.2	33.4	75.5	154.2	262.8	376.2	473.2	550.2	602.3	530.3
1990	77.8	34.6	80.5	159.3	268.1	373.9	485.5	565.0	584.8	516.3
1989	76.5	35.6	81.8	160.6	265.2	366.1	479.2	547.6	577.2	494.7
1988	76.5	35.8	85.3	164.2	269.2	364.1	478.1	547.0	578.6	475.2
1987	76.3	38.7	86.8	166.7	267.9	364.7	484.5	544.8	564.7	469.5
1986	75.0	37.8	87.5	166.0	263.0	360.6	474.1	546.4	552.6	454.1
1985	74.5	40.1	87.0	167.6	262.8	364.7	468.7	541.5	538.0	440.0
1984	73.7	40.8	90.5	169.8	255.3	362.4	473.1	533.1	530.0	429.3
1983	72.6	40.1	91.0	166.2	249.6	362.3	465.8	528.0	526.2	422.2
1982	72.2	43.9	93.0	163.8	255.1	366.8	459.4	522.3	497.6	420.5
1981	70.4	44.8	96.0	164.4	247.4	361.7	450.0	501.0	475.7	397.3
1980	70.2	45.4	95.1	162.7	255.6	358.7	458.6	502.4	477.7	374.1
1979	68.1	45.1	96.1	156.9	256.7	350.2	444.3	476.6	468.4	355.8
Malignant neoplasms of trachea, bronchus and lung (162)										
White, female										
1998	49.0	16.0	36.4	72.8	129.3	186.6	242.7	258.2	260.6	198.7
1997	48.6	16.1	38.8	76.9	126.0	185.6	237.6	257.3	252.6	196.9
1996	48.0	16.8	42.6	77.0	129.7	185.1	232.4	248.5	246.3	184.9
1995	47.5	18.6	42.6	79.9	129.9	181.4	227.5	248.9	235.6	181.0
1994	46.6	18.8	43.1	80.6	129.2	185.5	221.9	240.3	226.2	166.8
1993	46.1	20.1	43.7	82.0	132.1	180.4	220.1	233.4	213.3	167.2
1992	44.9	20.5	44.9	82.5	130.5	176.0	215.4	224.0	205.4	152.8
1991	43.4	21.7	45.6	84.7	126.1	171.6	201.2	216.7	190.1	147.2
1990	42.4	22.9	48.5	82.4	127.8	165.5	200.2	206.4	177.6	138.3
1989	40.9	21.9	47.6	83.3	125.2	161.3	194.0	194.7	167.6	126.8
1988	38.7	24.0	46.8	80.9	121.5	152.2	179.2	173.2	155.8	124.7
1987	36.8	23.2	47.1	77.3	115.5	148.0	169.2	167.8	136.7	114.7
1986	35.1	22.4	47.0	76.6	109.4	141.9	164.8	151.6	129.3	111.3
1985	33.9	23.9	47.5	75.5	109.3	138.6	153.6	140.9	125.4	99.3
1984	31.9	24.5	45.4	74.4	101.5	131.5	140.2	130.0	117.3	99.3
1983	30.6	23.3	45.4	73.0	99.1	124.4	134.0	120.4	112.2	94.2
1982	28.7	24.2	43.8	69.0	95.1	117.1	122.5	110.5	99.7	92.1
1981	26.7	23.4	41.4	65.4	87.4	109.6	112.6	103.1	93.8	88.4
1980	25.6	22.7	42.5	60.7	84.5	103.2	106.4	100.7	86.8	92.4
1979	23.4	22.8	39.8	57.6	79.7	92.0	94.5	87.2	86.4	76.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of trachea, bronchus and lung (162)										
All other, both sexes										
1998	37.7	28.1	57.9	107.9	171.6	237.3	335.3	343.0	335.9	277.2
1997	37.9	28.1	59.6	110.7	175.4	239.9	338.5	344.2	333.1	283.8
1996	38.2	30.0	61.8	112.3	184.3	254.1	328.2	345.0	334.2	267.8
1995	38.9	30.1	66.1	117.4	191.9	263.7	337.4	331.8	324.8	279.7
1994	39.3	32.0	70.5	124.6	190.5	268.0	334.0	336.9	336.9	268.9
1993	40.1	38.2	71.3	128.4	197.6	270.8	338.1	329.9	333.8	275.4
1992	40.5	35.9	77.6	140.4	204.6	279.3	327.6	322.5	319.3	251.1
1991	40.8	40.2	80.6	139.0	204.8	282.7	320.7	326.3	333.1	251.5
1990	41.6	41.0	82.9	152.1	222.6	279.6	320.4	319.2	290.0	244.6
1989	41.1	40.8	86.9	145.3	214.2	278.8	319.3	323.4	283.8	224.2
1988	40.3	40.4	86.4	143.1	213.1	274.9	299.0	300.4	291.6	239.1
1987	40.3	40.2	92.3	144.8	215.7	274.3	302.5	288.7	272.7	219.6
1986	39.4	43.0	91.3	142.9	216.5	262.3	284.6	276.8	256.2	215.6
1985	39.1	40.3	91.2	154.7	217.8	243.0	292.6	261.7	253.2	195.5
1984	39.0	45.1	89.6	156.0	222.9	244.4	264.5	264.8	257.5	188.5
1983	38.3	48.6	91.8	152.3	208.3	236.9	278.1	242.6	258.0	162.0
1982	37.5	47.1	91.6	151.2	213.6	231.7	258.3	230.3	244.4	173.0
1981	36.9	50.7	95.0	149.9	201.8	230.5	244.8	218.4	232.8	159.5
1980	36.7	53.0	94.5	146.4	196.5	226.8	243.7	227.7	220.3	161.1
1979	35.4	54.0	92.9	143.8	193.4	211.6	220.5	201.6	215.6	141.4
Malignant neoplasms of trachea, bronchus and lung (162)										
All other, male										
1998	50.1	39.0	83.5	155.1	253.2	357.5	520.7	568.7	597.2	522.7
1997	51.0	39.7	85.6	165.4	260.4	366.7	532.3	567.8	599.7	535.8
1996	52.6	43.4	90.2	171.3	284.6	393.5	528.5	579.2	608.4	521.8
1995	53.6	42.2	97.9	175.1	293.6	409.3	549.9	576.7	596.0	548.8
1994	55.1	46.0	107.5	184.6	296.1	425.4	553.9	580.9	635.1	550.7
1993	57.1	55.0	108.2	194.4	314.8	438.3	575.4	593.9	640.5	529.6
1992	57.4	52.4	116.3	214.6	320.9	450.2	548.9	572.5	634.0	482.4
1991	59.0	61.1	119.5	222.0	323.6	473.9	550.3	581.2	653.9	482.7
1990	60.8	61.9	123.5	238.9	356.5	469.8	558.7	593.7	554.8	484.0
1989	60.8	60.5	134.2	235.7	349.2	468.7	564.9	597.7	552.1	432.1
1988	60.1	59.1	132.3	223.5	343.3	474.0	531.2	577.6	548.7	500.0
1987	60.7	61.2	138.6	227.0	355.7	473.7	561.9	551.2	540.2	441.6
1986	60.3	64.0	143.3	224.3	368.2	463.3	520.7	529.0	506.5	438.7
1985	60.5	61.5	145.7	252.5	361.3	435.3	537.0	509.7	517.3	369.9
1984	61.3	67.7	139.3	257.5	382.0	440.3	507.4	505.0	516.8	397.2
1983	59.6	75.8	143.7	244.1	356.3	425.8	514.7	470.6	496.9	288.4
1982	59.7	74.3	151.3	248.9	367.4	422.3	501.4	449.7	461.7	334.3
1981	59.2	79.0	152.8	246.3	353.1	427.4	465.0	423.7	469.2	315.6
1980	58.9	80.8	153.3	242.7	341.6	417.4	450.1	447.6	432.2	307.8
1979	57.8	84.5	152.0	246.6	344.5	398.2	410.6	379.9	414.0	293.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of trachea, bronchus and lung (162)										
All other, female										
1998	26.2	18.8	36.0	68.5	105.7	147.3	209.0	198.9	197.5	174.3
1997	26.0	18.2	37.3	65.0	107.5	145.5	206.2	202.7	192.3	177.6
1996	25.1	18.6	37.4	63.2	104.8	150.2	191.4	197.9	188.4	160.5
1995	25.3	19.8	39.0	69.6	112.0	155.6	192.0	178.9	180.6	165.0
1994	24.8	20.0	39.0	75.1	108.1	151.3	183.0	186.0	176.9	148.1
1993	24.4	23.7	39.8	74.3	106.8	147.1	174.0	167.9	166.6	165.6
1992	25.0	21.6	44.7	79.9	115.0	152.9	175.6	169.4	145.6	149.9
1991	24.2	22.2	47.5	71.7	113.7	141.2	163.7	168.8	155.7	149.2
1990	24.1	22.9	48.4	82.5	120.7	138.9	158.2	148.9	140.6	135.7
1989	23.1	23.8	46.9	72.5	111.3	137.4	151.3	151.8	132.1	127.3
1988	22.2	24.3	47.7	78.6	112.8	126.5	140.2	124.5	142.6	117.2
1987	21.7	22.2	53.6	78.7	107.5	125.6	125.2	120.8	119.9	114.7
1986	20.5	24.9	47.9	77.5	99.1	112.1	122.6	114.2	113.2	108.3
1985	19.6	22.2	46.4	75.7	105.4	98.5	123.4	99.0	100.6	110.7
1984	18.8	25.8	48.7	73.5	98.1	97.2	95.8	105.3	105.2	84.8
1983	19.0	25.5	49.5	77.5	91.2	94.9	111.4	89.8	117.6	99.3
1982	17.4	24.1	43.1	71.3	91.3	88.6	82.5	83.2	115.9	91.7
1981	16.7	26.9	48.3	70.4	80.5	81.6	83.2	79.6	89.3	79.5
1980	16.7	30.1	46.8	66.6	80.1	81.0	89.7	77.9	90.2	86.0
1979	15.2	28.8	44.7	58.1	71.1	67.5	75.6	72.9	92.0	64.0
Malignant neoplasms of trachea, bronchus and lung (162)										
Black, both sexes										
1998	45.2	35.7	74.7	135.9	211.2	278.7	390.5	385.6	359.3	282.0
1997	45.7	35.5	76.9	138.5	213.8	284.2	398.9	388.0	355.4	290.1
1996	46.0	38.0	80.0	140.2	224.5	301.7	380.7	380.2	352.0	272.0
1995	46.7	38.2	83.5	146.8	233.5	311.4	391.3	362.5	343.8	277.4
1994	47.1	40.3	88.1	154.0	229.6	311.6	386.1	364.5	362.9	273.7
1993	47.9	48.3	89.8	155.7	235.5	315.4	386.9	358.8	351.9	277.9
1992	48.4	45.3	97.4	171.1	242.5	323.3	372.1	348.5	333.7	252.8
1991	48.6	50.7	99.9	167.6	242.3	324.7	358.3	352.3	347.7	253.3
1990	49.7	51.5	102.4	183.9	264.8	320.5	358.9	340.0	304.2	243.5
1989	48.8	49.9	105.7	173.1	249.7	322.2	354.6	348.6	297.5	231.8
1988	47.5	48.6	103.9	168.5	248.0	315.7	331.3	324.9	301.5	238.8
1987	47.4	48.9	109.7	170.1	251.2	309.6	334.8	308.8	280.2	220.2
1986	46.1	52.7	108.7	167.2	248.2	298.4	311.6	294.9	264.3	215.9
1985	45.5	48.0	109.2	180.5	249.3	271.7	317.5	277.2	260.4	199.5
1984	45.0	54.2	103.8	180.1	254.9	270.3	286.9	279.4	263.1	193.2
1983	44.1	57.3	106.9	174.3	235.8	261.6	302.6	258.2	260.8	165.2
1982	43.1	55.9	105.9	173.9	239.5	255.1	280.8	244.8	254.6	168.8
1981	41.9	58.5	110.0	170.1	224.7	251.6	261.8	228.9	236.4	159.5
1980	41.1	61.3	106.9	164.6	214.9	245.2	257.2	238.5	219.3	160.9
1979	38.9	61.9	103.6	158.5	208.7	225.3	231.7	204.8	208.0	141.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of trachea, bronchus and lung (162)										
Black, male										
1998	60.8	50.0	109.8	200.6	318.4	420.5	618.9	661.3	669.9	572.9
1997	62.2	50.8	111.8	209.7	324.2	438.0	640.4	661.3	688.9	583.1
1996	64.1	56.2	120.1	217.9	352.2	467.2	626.3	662.9	685.3	570.0
1995	65.6	53.8	127.3	225.3	362.8	487.7	659.9	656.4	686.2	583.0
1994	66.9	59.6	137.2	234.8	360.9	496.5	655.5	655.6	727.8	593.2
1993	69.4	71.0	138.6	241.6	378.9	518.2	678.9	669.4	709.3	573.3
1992	69.5	67.4	148.4	267.6	381.9	528.3	639.6	640.5	698.9	517.0
1991	71.2	79.4	152.3	271.5	386.4	549.5	630.0	649.2	726.6	510.3
1990	73.7	79.7	157.6	293.9	429.8	544.0	644.4	659.2	620.2	499.5
1989	73.3	75.7	167.5	284.6	406.2	552.1	651.6	677.0	612.4	475.8
1988	71.9	73.1	163.0	264.8	403.3	556.5	604.8	645.8	604.3	538.5
1987	72.6	76.3	167.9	270.2	419.4	547.3	640.6	616.6	580.4	464.1
1986	71.4	80.2	172.7	264.7	427.5	535.3	583.1	590.1	536.7	460.3
1985	71.2	75.5	175.8	294.7	416.0	495.9	602.0	560.6	548.3	382.3
1984	71.8	83.5	163.8	298.9	443.9	496.7	564.5	550.3	556.0	418.0
1983	69.2	91.5	168.5	281.1	405.5	480.3	575.0	512.1	518.3	303.3
1982	69.3	90.0	176.5	287.6	416.6	469.2	563.2	491.9	493.8	344.8
1981	67.8	92.4	176.3	281.1	397.7	474.8	515.9	461.4	492.2	314.3
1980	66.6	93.9	174.6	274.8	377.2	460.3	489.2	485.8	446.5	311.3
1979	64.2	97.5	169.2	274.4	377.4	437.3	447.3	396.9	409.1	292.3
Malignant neoplasms of trachea, bronchus and lung (162)										
Black, female										
1998	31.1	23.5	45.2	83.2	127.2	173.7	240.1	218.4	208.1	172.3
1997	30.9	22.5	47.6	80.9	127.7	170.2	240.0	223.4	194.2	178.5
1996	29.7	22.6	46.5	77.6	125.2	178.7	219.7	210.8	189.9	158.0
1995	29.5	25.0	46.9	83.7	133.1	180.6	215.5	187.3	177.2	158.9
1994	29.3	24.0	47.3	89.5	127.9	174.7	209.5	193.5	183.1	148.8
1993	28.6	29.2	49.2	87.0	125.1	166.9	193.3	178.6	172.9	160.8
1992	29.4	26.6	55.2	94.1	135.9	173.6	195.4	179.8	148.4	146.3
1991	28.3	26.7	56.8	85.1	132.6	161.3	179.0	179.1	155.4	147.7
1990	28.1	27.8	57.2	96.7	140.2	158.9	171.4	152.9	140.6	134.9
1989	26.7	28.2	55.1	84.3	131.0	155.8	159.7	154.5	132.4	128.1
1988	25.7	28.1	55.3	91.6	130.0	140.8	150.5	133.1	141.6	108.1
1987	24.7	26.1	62.0	90.1	122.7	136.3	132.5	122.5	118.7	111.8
1986	23.5	29.9	56.4	88.6	111.1	124.8	131.6	114.2	115.8	104.3
1985	22.5	25.1	54.8	87.9	120.6	107.1	129.3	100.7	101.9	114.3
1984	21.1	29.9	54.6	83.3	108.5	103.3	101.6	109.4	101.3	86.8
1983	21.5	29.1	56.9	87.4	104.1	100.7	118.9	95.4	115.2	98.4
1982	19.7	27.8	48.7	81.3	100.8	97.4	86.6	87.3	115.9	82.2
1981	18.7	30.4	56.2	79.7	88.3	87.4	84.2	78.3	87.1	81.4
1980	18.3	34.6	52.3	74.4	86.2	84.9	92.2	77.5	83.1	85.8
1979	16.3	32.6	50.2	63.4	74.6	66.8	76.4	72.9	83.1	65.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant melanoma of skin (172)										
All races, both sexes										
1998	2.7	2.6	3.6	4.7	6.4	8.5	10.5	12.5	15.4	18.2
1997	2.7	2.8	3.7	4.9	6.3	7.7	10.4	12.7	14.9	17.7
1996	2.7	2.9	3.9	4.9	5.9	8.0	10.8	11.9	15.6	18.2
1995	2.6	2.9	3.6	5.0	6.5	7.8	9.5	11.9	14.3	16.4
1994	2.5	2.8	4.0	4.4	6.1	7.5	10.1	11.7	13.9	15.5
1993	2.6	2.9	3.6	5.2	6.4	8.1	9.6	11.4	13.3	15.4
1992	2.6	2.9	3.9	4.9	6.7	7.9	8.9	11.7	12.8	15.1
1991	2.5	3.2	3.5	5.0	6.5	7.7	9.6	11.0	12.7	15.6
1990	2.6	3.2	3.9	5.2	6.5	7.5	9.8	10.9	12.5	16.3
1989	2.5	3.2	4.4	5.1	6.2	7.6	8.1	10.3	11.9	15.8
1988	2.4	3.3	4.1	4.7	6.2	7.1	8.9	10.7	12.0	14.1
1987	2.4	3.2	3.8	5.3	6.2	7.4	8.7	10.5	12.7	11.9
1986	2.4	3.1	4.1	4.8	5.7	6.4	8.6	9.4	12.2	13.3
1985	2.3	3.2	4.0	5.0	5.8	6.2	8.1	9.1	11.1	12.8
1984	2.3	2.9	4.1	4.9	5.1	6.3	8.3	8.9	11.1	12.6
1983	2.2	3.1	3.6	5.0	5.4	6.5	7.5	8.2	10.4	12.2
1982	2.2	3.1	3.8	4.8	5.6	6.2	7.9	8.6	9.6	11.4
1981	2.1	3.1	4.1	4.3	5.3	6.3	7.2	8.1	9.3	12.2
1980	2.1	2.7	3.8	4.5	5.1	5.9	6.7	7.8	10.6	11.8
1979	2.1	3.4	4.0	4.4	5.5	5.7	7.3	8.1	9.4	11.2
Malignant melanoma of skin (172)										
All races, male										
1998	3.5	3.5	4.9	6.5	9.1	12.9	16.0	19.4	26.1	31.6
1997	3.4	3.5	4.6	7.0	8.8	11.2	15.5	19.7	24.1	29.8
1996	3.4	3.5	5.3	6.8	8.6	11.8	15.6	18.2	25.4	32.5
1995	3.3	4.0	4.8	6.8	9.6	11.3	14.3	18.1	22.2	26.8
1994	3.2	3.7	5.4	6.2	8.6	10.7	14.9	18.2	22.0	26.2
1993	3.3	3.8	4.9	7.0	9.0	11.8	14.3	17.4	20.4	25.3
1992	3.2	3.9	5.0	6.9	9.8	11.5	13.0	18.5	18.5	24.4
1991	3.3	4.1	4.9	7.3	9.4	11.2	14.8	16.9	19.6	24.3
1990	3.2	4.0	4.9	7.0	9.4	10.4	13.9	16.8	18.1	25.4
1989	3.1	4.0	5.9	6.5	8.9	11.3	12.6	15.8	17.3	22.7
1988	3.0	3.9	5.1	6.4	8.8	10.1	12.9	16.2	17.9	23.2
1987	3.1	4.0	5.2	7.3	8.8	10.6	12.8	16.1	19.2	19.3
1986	2.9	4.0	5.4	6.7	7.9	9.0	12.0	13.2	18.4	21.2
1985	2.8	3.9	5.3	6.9	7.9	8.3	12.4	13.2	15.5	17.7
1984	2.8	3.5	5.5	6.7	7.0	9.3	11.7	13.6	15.4	16.9
1983	2.7	3.6	4.4	6.6	7.1	9.5	10.4	12.4	12.9	17.1
1982	2.7	3.7	5.1	6.7	7.3	8.6	11.4	12.1	14.2	15.5
1981	2.5	3.9	5.0	5.8	6.5	8.9	9.4	10.3	11.5	17.1
1980	2.5	3.2	5.2	6.0	6.8	8.1	9.6	10.7	13.4	17.3
1979	2.5	4.2	5.2	5.9	7.1	7.6	9.9	10.6	13.0	15.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant melanoma of skin (172)										
All races, female										
1998	1.9	1.8	2.4	2.9	4.0	4.8	6.3	7.8	9.3	12.9
1997	2.0	2.0	2.8	2.9	4.0	4.8	6.5	8.0	9.7	12.9
1996	2.0	2.3	2.5	3.1	3.5	4.9	7.2	7.5	10.1	12.7
1995	1.9	1.8	2.4	3.3	3.7	4.9	5.8	7.6	9.9	12.4
1994	1.9	2.0	2.6	2.7	3.9	4.8	6.4	7.4	9.5	11.5
1993	1.9	2.1	2.5	3.5	4.1	5.0	6.0	7.5	9.4	11.5
1992	1.9	2.0	2.8	3.0	4.0	5.0	5.9	7.3	9.8	11.6
1991	1.9	2.3	2.3	2.9	3.9	4.8	5.7	7.2	9.1	12.2
1990	2.0	2.4	2.9	3.6	4.1	5.1	6.8	7.1	9.5	12.8
1989	1.9	2.4	2.9	3.8	3.8	4.7	4.8	6.9	9.0	13.1
1988	1.9	2.6	3.2	3.0	3.9	4.6	6.0	7.2	8.8	10.6
1987	1.8	2.4	2.6	3.4	4.0	4.7	5.7	6.9	9.3	9.0
1986	1.9	2.2	2.9	3.1	3.9	4.3	6.2	7.0	9.0	10.2
1985	1.8	2.6	2.7	3.2	3.9	4.5	5.0	6.6	8.8	10.8
1984	1.8	2.3	2.9	3.2	3.4	4.0	5.8	5.9	8.8	10.9
1983	1.8	2.5	2.9	3.6	3.8	4.0	5.4	5.6	9.1	10.2
1982	1.7	2.5	2.7	3.1	4.2	4.3	5.3	6.4	7.2	9.7
1981	1.8	2.4	3.2	2.9	4.2	4.2	5.6	6.7	8.1	10.1
1980	1.7	2.1	2.6	3.1	3.6	4.2	4.6	6.0	9.0	9.4
1979	1.7	2.6	2.9	3.1	4.0	4.2	5.5	6.5	7.4	9.3
Malignant melanoma of skin (172)										
White, both sexes										
1998	3.2	3.1	4.2	5.3	7.3	9.6	11.6	13.7	16.5	19.5
1997	3.1	3.2	4.2	5.5	7.1	8.6	11.4	13.8	16.0	18.9
1996	3.2	3.4	4.5	5.6	6.7	9.0	11.9	12.9	16.7	19.6
1995	3.1	3.3	4.1	5.7	7.4	8.7	10.4	12.8	15.4	17.6
1994	3.0	3.3	4.6	5.0	6.9	8.3	11.1	12.7	15.0	16.6
1993	3.0	3.4	4.2	5.9	7.2	8.9	10.5	12.1	14.3	16.4
1992	3.0	3.4	4.4	5.5	7.5	8.7	9.6	12.6	13.8	16.2
1991	3.0	3.7	4.1	5.7	7.2	8.4	10.5	11.8	13.4	16.5
1990	3.0	3.7	4.4	5.9	7.2	8.1	10.7	11.8	13.3	17.4
1989	2.9	3.7	5.0	5.7	6.9	8.4	8.7	11.2	12.6	16.7
1988	2.9	3.8	4.7	5.3	6.8	7.7	9.6	11.6	12.9	15.1
1987	2.8	3.7	4.3	5.9	6.8	8.1	9.3	11.4	13.3	12.7
1986	2.7	3.6	4.6	5.4	6.3	6.9	9.4	10.0	13.0	14.3
1985	2.7	3.7	4.5	5.6	6.3	6.8	8.8	9.7	11.8	13.8
1984	2.6	3.4	4.7	5.4	5.5	6.9	8.9	9.5	11.8	13.3
1983	2.6	3.5	4.0	5.5	5.9	7.0	8.1	8.8	11.2	13.0
1982	2.5	3.5	4.2	5.3	6.1	6.8	8.4	9.3	10.3	12.1
1981	2.5	3.6	4.5	4.7	5.7	6.8	7.8	8.8	9.6	12.6
1980	2.3	3.0	4.3	4.9	5.4	6.3	7.2	8.5	11.2	12.5
1979	2.4	3.8	4.5	4.8	5.9	6.2	7.8	8.8	9.8	11.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant melanoma of skin (172)										
White, male										
1998	4.2	4.1	5.7	7.4	10.4	14.5	17.5	21.3	28.1	34.5
1997	4.0	4.1	5.2	8.0	9.9	12.5	17.0	21.4	26.0	32.5
1996	4.0	4.1	6.0	7.7	9.7	13.1	17.1	19.9	27.0	35.4
1995	3.9	4.6	5.6	7.8	10.8	12.5	15.6	19.5	24.0	29.3
1994	3.8	4.2	6.2	7.1	9.6	11.8	16.2	19.8	24.1	28.5
1993	3.8	4.4	5.5	7.9	10.1	13.1	15.6	18.6	22.4	27.8
1992	3.8	4.4	5.7	7.8	10.8	12.6	14.1	19.9	19.9	26.6
1991	3.8	4.7	5.6	8.2	10.3	12.4	16.0	18.2	20.9	26.3
1990	3.7	4.5	5.6	7.8	10.4	11.4	15.1	18.2	19.4	27.2
1989	3.6	4.6	6.7	7.3	9.8	12.4	13.6	17.1	18.6	24.7
1988	3.5	4.5	5.8	7.2	9.8	11.1	14.0	17.4	19.6	25.2
1987	3.6	4.6	5.9	8.2	9.7	11.6	13.7	17.6	20.4	20.8
1986	3.3	4.6	6.1	7.4	8.6	9.6	13.1	14.1	19.7	23.0
1985	3.3	4.4	5.9	7.8	8.6	9.1	13.6	14.0	16.5	19.5
1984	3.2	4.1	6.2	7.5	7.6	10.2	12.7	14.8	16.8	18.2
1983	3.1	4.1	4.9	7.3	7.8	10.3	11.3	13.4	13.7	18.6
1982	3.1	4.1	5.6	7.4	8.0	9.3	12.3	13.1	15.1	16.8
1981	2.9	4.4	5.5	6.4	7.1	9.6	10.2	11.3	12.1	18.4
1980	2.8	3.6	5.7	6.5	7.3	8.8	10.4	11.6	14.4	18.2
1979	2.9	4.8	5.7	6.5	7.8	8.2	10.7	11.6	13.7	16.2
Malignant melanoma of skin (172)										
White, female										
1998	2.3	2.1	2.7	3.4	4.4	5.3	6.9	8.4	9.7	13.6
1997	2.3	2.4	3.2	3.2	4.5	5.2	7.1	8.5	10.2	13.6
1996	2.4	2.6	3.0	3.6	4.0	5.5	7.8	8.1	10.9	13.6
1995	2.3	2.1	2.7	3.7	4.3	5.4	6.4	8.2	10.6	13.1
1994	2.2	2.4	3.0	3.0	4.5	5.4	7.0	7.9	10.0	12.0
1993	2.3	2.4	2.9	4.0	4.6	5.5	6.5	7.8	9.9	12.1
1992	2.2	2.3	3.2	3.4	4.5	5.4	6.2	7.8	10.5	12.3
1991	2.2	2.6	2.7	3.3	4.4	5.1	6.2	7.6	9.4	12.8
1990	2.4	2.8	3.3	4.0	4.5	5.5	7.4	7.7	10.2	13.7
1989	2.2	2.8	3.4	4.2	4.2	5.1	5.1	7.4	9.4	13.7
1988	2.2	3.0	3.6	3.5	4.3	4.9	6.4	7.9	9.4	11.2
1987	2.1	2.8	2.9	3.8	4.4	5.2	6.0	7.4	9.7	9.5
1986	2.2	2.6	3.3	3.6	4.3	4.7	6.8	7.4	9.5	11.0
1985	2.1	3.0	3.1	3.6	4.3	4.9	5.4	7.0	9.4	11.6
1984	2.0	2.7	3.2	3.5	3.7	4.2	6.2	6.2	9.1	11.4
1983	2.1	2.9	3.3	3.9	4.2	4.3	5.9	5.8	9.8	10.7
1982	2.0	2.9	3.0	3.4	4.5	4.7	5.6	6.8	7.7	10.2
1981	2.0	2.7	3.5	3.3	4.5	4.6	6.1	7.3	8.3	10.2
1980	1.9	2.4	2.9	3.3	3.8	4.3	4.9	6.5	9.5	10.1
1979	2.0	2.9	3.3	3.4	4.2	4.5	5.7	7.0	7.7	9.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant melanoma of skin (172)										
All other, both sexes										
1998	0.3	*	*	*	*	*	2.0	*	4.6	*
1997	0.4	*	*	*	*	*	*	3.0	*	5.9
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	3.1	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	4.7	*	*
1992	0.3	*	*	*	*	2.0	2.9	3.4	*	*
1991	0.3	*	*	*	*	1.8	*	3.7	5.9	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	2.6	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	3.3	*	*	*
1986	0.3	*	*	*	*	2.0	*	*	*	*
1985	0.3	*	*	*	*	*	*	4.0	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	3.0	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	2.4	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Malignant melanoma of skin (172)										
All other, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant melanoma of skin (172)										
All other, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Malignant melanoma of skin (172)										
Black, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	4.4	*	*
1992	0.3	*	*	*	*	*	3.6	*	*	*
1991	0.4	*	*	*	*	*	*	4.3	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	3.5	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	3.5	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	2.6	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant melanoma of skin (172)										
Black, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Malignant melanoma of skin (172)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of breast (174-175)										
All races, both sexes										
1998	15.3	14.5	22.3	29.1	36.2	44.4	58.9	71.2	92.4	139.6
1997	15.5	15.7	23.2	30.6	37.2	46.0	58.8	71.2	93.3	141.2
1996	16.1	16.5	23.8	31.8	39.1	48.3	62.5	76.5	98.1	146.5
1995	16.6	17.4	25.7	32.6	41.0	51.3	64.6	78.5	99.9	145.7
1994	16.7	17.5	25.9	32.1	41.7	53.3	65.9	81.0	103.8	142.1
1993	16.9	17.7	26.1	33.7	42.7	54.2	65.3	83.9	101.6	148.9
1992	16.9	18.2	26.5	33.9	43.8	56.3	67.9	79.9	100.8	139.6
1991	17.3	19.1	27.0	36.8	46.8	57.0	66.8	82.6	103.8	142.5
1990	17.6	19.1	28.5	37.0	46.7	58.5	69.2	85.4	102.7	142.6
1989	17.5	19.2	28.2	37.7	47.1	57.8	70.1	85.5	101.6	138.4
1988	17.4	19.2	28.8	39.0	49.1	56.5	69.5	79.8	104.3	136.5
1987	17.0	19.3	28.5	37.5	49.8	56.1	68.8	79.2	97.8	129.9
1986	17.0	19.2	28.4	37.8	49.4	57.5	69.0	78.1	96.9	131.5
1985	17.0	20.0	28.9	40.0	50.1	56.4	67.5	79.7	97.8	128.7
1984	16.8	18.7	29.1	39.8	48.5	57.3	66.9	79.4	96.3	130.6
1983	16.4	18.6	28.9	39.7	48.7	55.4	66.0	76.0	93.5	127.3
1982	16.3	19.0	29.6	40.4	46.2	55.6	63.8	78.1	93.5	126.1
1981	16.0	19.4	30.1	39.4	45.8	56.1	64.1	74.3	91.2	122.1
1980	15.8	19.6	30.1	40.1	46.8	54.3	62.1	73.4	91.5	118.6
1979	15.4	19.7	30.5	37.9	45.3	52.9	61.6	69.1	91.0	114.2
Malignant neoplasm of breast (174-175)										
All races, male										
1998	0.3	*	0.3	0.4	0.5	0.8	1.0	2.2	3.3	4.1
1997	0.3	*	0.3	0.6	0.8	1.2	1.2	2.0	2.3	3.4
1996	0.3	*	*	0.5	0.7	0.9	1.6	2.2	2.4	4.2
1995	0.3	*	0.4	0.5	0.9	1.1	1.2	2.4	2.4	4.2
1994	0.3	*	*	0.5	0.9	1.2	1.7	1.7	2.6	3.9
1993	0.3	*	*	0.6	0.8	1.1	1.4	2.0	2.8	5.0
1992	0.2	*	*	0.4	0.6	1.0	1.2	1.9	2.2	4.4
1991	0.2	*	*	*	0.6	1.2	1.1	1.2	2.6	4.1
1990	0.2	*	*	0.5	0.8	1.0	1.3	1.5	1.8	2.4
1989	0.3	*	*	0.5	0.7	0.8	1.6	2.2	2.2	4.2
1988	0.2	*	0.4	*	0.6	0.9	1.4	2.0	2.7	4.1
1987	0.3	*	*	0.4	1.1	1.0	1.4	2.0	3.4	3.5
1986	0.2	*	*	0.4	0.6	1.1	1.1	1.7	2.0	3.1
1985	0.3	*	*	0.5	0.7	0.9	1.2	1.9	2.9	3.9
1984	0.2	*	*	0.5	0.5	1.0	1.2	1.7	2.2	3.1
1983	0.2	*	*	0.5	0.8	1.0	1.9	1.7	2.0	3.0
1982	0.2	*	*	0.5	0.6	1.0	1.5	2.1	3.8	3.1
1981	0.2	*	*	0.4	0.8	0.8	1.4	1.8	2.6	4.0
1980	0.2	*	*	0.5	1.0	1.0	1.2	2.2	*	*
1979	0.2	*	*	0.4	0.7	0.9	1.4	1.3	3.7	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of breast (174-175)										
All races, female										
1998	29.7	28.4	43.4	55.8	68.4	81.5	103.8	119.0	143.9	193.4
1997	30.1	30.7	45.1	58.4	70.0	84.0	103.1	118.8	145.2	195.3
1996	31.3	32.3	46.2	60.9	73.5	88.2	109.3	127.2	151.9	201.7
1995	32.2	34.0	49.7	62.4	76.8	93.2	113.2	130.0	154.1	200.2
1994	32.4	34.1	50.2	61.4	78.0	96.4	114.9	134.1	159.1	195.0
1993	32.8	34.5	50.7	64.3	79.8	97.8	114.0	138.3	155.2	203.8
1992	32.8	35.6	51.4	64.7	81.9	101.2	118.3	131.3	153.7	191.2
1991	33.6	37.4	52.3	70.2	87.3	102.4	116.2	135.7	157.8	195.6
1990	34.0	37.3	55.1	70.3	86.6	105.1	119.7	139.4	156.4	196.8
1989	33.9	37.5	54.5	71.8	87.4	104.1	120.6	138.9	154.2	190.5
1988	33.6	37.4	55.6	74.4	91.0	101.8	119.5	129.4	157.8	188.2
1987	32.9	37.8	55.1	71.3	91.7	101.0	117.9	128.2	147.4	179.7
1986	32.9	37.6	54.8	71.8	91.5	103.3	118.3	126.4	146.7	182.5
1985	32.8	38.9	55.7	75.7	92.8	101.3	115.6	128.7	147.6	178.5
1984	32.6	36.3	56.0	75.1	90.1	102.7	114.5	128.2	145.7	182.1
1983	31.6	36.2	55.6	74.7	90.2	99.1	112.3	122.6	141.7	178.2
1982	31.4	37.1	57.0	75.9	85.7	99.4	108.9	125.7	141.0	177.4
1981	30.9	37.7	57.8	74.2	84.8	100.3	109.5	119.8	138.2	172.2
1980	30.6	37.9	57.6	75.4	86.1	97.0	106.1	118.1	139.3	169.3
1979	29.8	38.3	58.5	71.5	83.8	94.4	105.1	111.9	137.8	163.8
Malignant neoplasm of breast (174-175)										
White, both sexes										
1998	15.9	13.3	21.2	27.8	35.4	44.3	58.9	71.6	92.4	140.7
1997	16.1	14.5	22.3	29.5	36.0	45.3	58.0	71.1	93.2	142.3
1996	16.9	15.4	22.6	31.1	39.0	48.2	62.4	76.6	98.4	148.1
1995	17.3	16.1	24.4	31.8	40.1	51.3	64.2	79.1	100.1	147.8
1994	17.5	16.5	25.0	31.4	41.0	53.4	65.8	81.3	104.5	142.8
1993	17.7	17.0	25.1	33.1	42.3	54.3	65.5	84.1	102.3	150.6
1992	17.8	17.4	25.4	33.0	43.6	56.4	68.7	81.0	102.2	141.9
1991	18.2	18.2	26.2	36.3	46.3	57.5	66.7	83.4	104.8	144.3
1990	18.5	18.4	27.7	36.0	46.6	58.8	70.0	86.6	103.9	144.2
1989	18.4	18.2	27.6	37.3	47.5	58.1	71.0	86.9	103.7	140.5
1988	18.2	18.6	27.9	38.4	49.2	57.0	70.8	80.9	105.4	138.1
1987	17.9	18.4	27.8	37.2	49.8	57.1	69.4	81.1	99.2	132.0
1986	17.9	18.5	27.6	37.9	49.6	58.3	70.2	80.1	99.6	133.7
1985	17.9	19.5	28.8	39.7	50.3	57.3	68.5	81.5	99.6	131.0
1984	17.7	18.0	28.8	39.7	48.2	57.9	68.1	81.4	96.7	133.6
1983	17.2	18.0	28.4	39.8	49.0	56.1	67.1	77.6	95.0	130.1
1982	17.1	18.2	29.2	40.4	46.3	56.4	64.7	79.7	94.4	129.5
1981	16.8	18.8	30.3	39.5	46.2	57.2	65.3	76.5	91.6	124.2
1980	16.7	19.3	29.8	40.1	47.2	55.8	63.5	74.8	93.2	120.7
1979	16.2	19.0	30.3	38.5	45.6	54.0	63.1	70.7	93.2	116.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of breast (174-175)										
White, male										
1998	0.3	*	*	0.4	0.5	0.8	0.9	2.1	3.2	3.9
1997	0.3	*	0.3	0.6	0.7	1.0	1.2	2.0	2.1	3.4
1996	0.3	*	*	0.5	0.6	0.8	1.5	2.1	2.2	4.0
1995	0.3	*	0.4	0.5	0.9	1.0	1.1	2.2	1.9	4.0
1994	0.3	*	*	0.5	0.9	1.1	1.6	1.5	2.7	3.7
1993	0.3	*	*	0.5	0.7	1.0	1.1	2.0	2.8	4.5
1992	0.2	*	*	*	0.6	1.0	1.1	1.9	2.0	4.6
1991	0.2	*	*	*	0.6	1.1	1.0	1.2	2.4	4.1
1990	0.2	*	*	*	0.7	0.9	1.2	1.6	1.6	*
1989	0.3	*	*	*	0.8	0.7	1.5	2.3	2.1	4.3
1988	0.2	*	*	*	0.6	0.8	1.5	1.8	2.3	2.9
1987	0.3	*	*	*	1.0	1.0	1.4	2.0	3.4	3.7
1986	0.2	*	*	0.4	0.6	1.0	1.0	1.5	2.0	3.0
1985	0.3	*	*	0.5	0.7	1.0	1.2	1.9	2.9	3.6
1984	0.2	*	*	0.5	0.4	0.9	1.1	1.6	2.2	3.3
1983	0.2	*	*	0.5	0.7	0.9	1.8	1.6	2.2	*
1982	0.2	*	*	0.4	0.6	1.0	1.6	2.1	3.5	*
1981	0.2	*	*	*	0.8	0.8	1.3	1.9	2.4	4.4
1980	0.2	*	*	0.4	1.1	1.1	1.1	2.2	*	*
1979	0.2	*	*	0.4	0.7	0.8	1.3	*	3.7	*
Malignant neoplasm of breast (174-175)										
White, female										
1998	31.1	26.4	41.5	53.8	67.5	82.0	104.5	120.2	144.3	194.7
1997	31.5	28.8	43.8	56.8	68.4	83.4	102.4	119.0	145.5	196.3
1996	32.9	30.6	44.2	60.0	74.0	88.7	109.7	127.9	152.9	203.5
1995	33.8	31.9	47.6	61.3	75.7	94.1	113.1	131.6	154.8	202.6
1994	34.2	32.6	49.0	60.4	77.5	97.2	115.5	135.3	160.3	195.5
1993	34.5	33.4	49.0	63.7	80.0	98.6	115.0	139.1	156.2	205.7
1992	34.7	34.5	49.6	63.7	82.3	102.1	120.3	133.5	155.8	193.7
1991	35.4	36.0	51.2	69.9	87.1	103.9	116.5	137.3	159.2	197.2
1990	35.9	36.2	54.0	69.2	87.3	106.3	121.6	141.5	157.9	198.0
1989	35.8	35.9	53.8	71.7	88.7	105.2	122.8	141.3	157.1	192.7
1988	35.4	36.6	54.4	73.8	91.7	103.1	122.0	131.4	159.3	189.9
1987	34.7	36.3	54.2	71.2	92.4	103.3	119.3	131.2	149.1	181.6
1986	34.8	36.5	53.7	72.3	92.4	105.3	120.7	129.7	150.3	184.6
1985	34.7	38.2	55.8	75.6	93.7	103.4	117.5	131.4	149.9	180.9
1984	34.3	35.4	55.9	75.3	90.0	104.3	116.8	131.3	145.9	185.3
1983	33.4	35.4	55.2	75.3	91.3	100.8	114.4	124.9	143.4	181.4
1982	33.1	35.7	56.7	76.4	86.3	101.2	110.3	127.9	141.9	181.4
1981	32.7	36.9	58.7	74.8	85.8	102.6	111.6	122.9	138.4	174.3
1980	32.3	37.8	57.6	75.9	87.4	99.8	108.5	119.9	141.2	171.7
1979	31.4	37.3	58.6	72.8	84.6	96.7	107.6	114.1	140.7	166.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of breast (174-175)										
All other, both sexes										
1998	12.2	20.7	28.9	37.1	41.0	45.4	59.3	67.3	92.7	128.7
1997	12.7	21.8	28.6	37.2	45.0	51.5	65.6	72.7	94.3	130.8
1996	12.6	22.3	31.0	36.2	40.0	49.4	63.8	75.9	94.4	131.0
1995	13.0	24.5	33.6	38.1	47.3	50.6	68.7	72.9	98.2	124.7
1994	12.8	22.9	30.8	37.0	46.2	52.9	66.4	77.4	96.2	134.8
1993	12.7	22.0	32.7	37.6	44.8	53.3	63.9	82.1	94.4	130.7
1992	12.5	22.9	33.7	39.2	45.1	54.7	60.9	69.9	86.2	115.6
1991	13.0	24.2	32.0	40.1	50.5	52.8	67.8	75.1	93.2	124.0
1990	12.9	23.9	33.6	43.5	47.1	55.7	61.8	74.1	90.4	126.7
1989	12.4	25.3	31.8	40.4	44.3	55.6	61.3	72.1	79.3	116.0
1988	12.8	23.0	34.4	43.6	48.7	52.8	58.1	69.7	92.2	120.2
1987	12.4	24.9	33.2	40.3	49.5	47.4	63.2	61.9	82.8	107.1
1986	12.0	23.6	33.6	37.6	47.6	50.1	58.1	59.1	68.4	108.2
1985	11.8	23.2	30.0	42.7	48.1	48.1	58.9	62.9	78.2	103.1
1984	12.1	22.8	31.2	40.8	51.4	51.7	56.0	59.7	90.8	96.8
1983	11.4	22.4	32.2	39.0	46.0	48.7	55.8	60.9	76.7	96.2
1982	11.4	24.6	32.2	40.0	45.1	48.5	56.0	62.6	83.7	89.0
1981	11.0	23.5	28.6	38.5	42.7	46.6	52.8	53.1	86.3	97.9
1980	10.9	21.0	32.2	39.7	42.3	41.7	48.3	59.9	72.0	93.6
1979	10.6	24.9	32.1	33.3	42.4	42.6	47.0	54.1	63.8	85.1
Malignant neoplasm of breast (174-175)										
All other, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of breast (174-175)										
All other, female										
1998	23.3	38.3	53.5	67.5	73.6	78.8	98.5	108.7	140.1	180.0
1997	24.1	40.3	52.8	67.7	79.6	88.4	109.2	117.1	141.9	184.7
1996	24.0	41.3	57.0	65.9	70.5	84.8	106.0	121.2	142.3	183.5
1995	24.7	45.4	61.6	69.0	83.7	86.9	114.5	115.9	146.6	175.3
1994	24.3	42.3	56.9	67.3	81.1	90.4	109.9	123.2	147.0	190.3
1993	24.1	40.6	60.3	67.9	78.5	91.8	105.3	131.2	144.3	182.9
1992	23.7	42.4	61.8	70.6	79.5	94.5	101.1	111.4	131.6	165.2
1991	24.7	45.0	58.7	72.3	88.8	90.4	113.0	121.0	142.6	177.3
1990	24.4	44.0	61.7	77.6	81.9	95.8	102.3	119.7	139.6	183.2
1989	23.6	46.9	58.7	72.3	78.0	95.6	101.3	116.9	123.1	167.0
1988	24.1	42.3	62.5	78.3	85.8	90.9	97.1	110.7	141.2	169.2
1987	23.4	46.3	60.7	71.8	86.4	81.8	105.8	100.0	128.1	157.1
1986	22.7	43.8	61.2	67.8	83.9	86.1	96.8	95.4	106.3	158.3
1985	22.4	43.2	54.8	76.6	85.2	83.4	98.2	102.9	121.7	150.0
1984	22.9	41.8	57.0	73.6	91.0	89.0	93.2	97.7	143.0	144.1
1983	21.5	41.3	58.0	70.2	81.2	84.2	93.2	100.0	121.8	141.0
1982	21.6	45.4	58.4	72.1	80.2	84.0	95.5	103.2	129.9	130.1
1981	20.8	43.2	51.5	69.4	75.8	80.7	89.1	88.4	136.0	146.5
1980	20.5	38.2	58.2	71.9	75.5	73.3	82.9	99.2	114.8	139.9
1979	19.9	45.2	57.9	60.7	76.4	74.3	80.7	89.5	101.4	127.2
Malignant neoplasm of breast (174-175)										
Black, both sexes										
1998	15.0	25.0	36.1	43.1	50.3	54.3	73.3	80.2	111.0	148.7
1997	15.7	26.5	35.5	45.3	55.4	61.6	82.1	87.5	111.6	149.3
1996	15.4	27.7	37.5	45.0	49.3	57.8	76.3	88.8	110.0	148.3
1995	15.7	29.4	39.9	45.5	55.8	59.6	84.0	86.2	114.3	141.0
1994	15.4	28.2	35.8	44.5	55.3	61.5	80.5	88.4	109.0	149.6
1993	15.5	27.5	39.4	44.8	53.5	63.0	76.1	94.7	106.6	149.2
1992	15.1	27.5	40.5	46.2	53.0	64.5	70.9	79.4	98.8	127.6
1991	15.5	28.2	37.9	47.0	58.5	61.7	78.6	83.8	107.7	134.2
1990	15.4	28.0	39.7	50.7	55.6	64.1	71.3	83.6	102.7	142.4
1989	14.7	30.5	37.5	45.2	51.5	62.9	69.9	79.5	89.4	129.5
1988	15.2	27.3	41.0	49.7	55.8	60.7	65.2	77.4	103.3	136.0
1987	14.6	28.9	40.1	46.0	57.7	53.6	71.2	68.1	93.9	119.2
1986	14.1	28.2	39.2	42.8	54.1	57.2	65.8	65.8	75.3	118.4
1985	13.7	27.7	33.7	48.4	53.6	54.9	65.7	69.1	84.9	111.3
1984	14.1	26.8	35.9	46.1	58.0	58.1	63.4	66.3	103.0	105.3
1983	13.1	25.8	36.2	43.4	51.9	54.4	60.7	68.8	85.5	102.2
1982	13.1	27.5	35.9	44.8	50.0	53.0	61.6	70.9	94.5	97.7
1981	12.5	27.2	31.4	43.3	46.9	50.8	58.3	58.7	95.7	105.4
1980	12.2	23.4	35.0	43.6	46.0	46.0	53.7	66.0	80.4	101.2
1979	11.7	27.9	35.1	36.6	45.6	46.2	51.5	57.8	70.6	93.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of breast (174-175)										
Black, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Malignant neoplasm of breast (174-175)										
Black, female										
1998	28.3	46.2	66.1	77.2	89.0	93.8	119.9	126.8	162.9	201.6
1997	29.5	48.8	64.7	81.3	97.0	105.2	134.5	138.1	163.0	204.7
1996	29.1	51.1	68.3	80.6	86.2	99.0	124.4	139.2	160.7	201.7
1995	29.6	54.1	72.2	81.0	98.2	102.2	137.2	134.5	165.8	192.7
1994	29.1	51.7	65.5	79.8	96.9	104.9	130.6	137.8	161.8	205.5
1993	29.1	50.4	71.8	79.8	93.2	108.0	123.2	148.3	158.6	204.5
1992	28.4	50.6	73.3	82.3	93.1	110.6	116.0	123.7	146.4	178.5
1991	29.2	51.8	68.4	83.9	103.0	105.2	129.0	132.0	159.9	187.6
1990	29.0	50.9	71.8	89.9	96.5	109.0	116.3	132.2	153.7	201.5
1989	27.7	55.7	68.2	80.5	90.4	107.1	113.9	126.2	134.1	184.3
1988	28.5	49.7	73.2	89.0	97.8	103.3	107.1	120.6	153.9	187.2
1987	27.5	53.1	72.2	81.9	100.2	91.6	117.5	107.6	142.1	171.5
1986	26.5	51.6	70.8	77.2	94.8	97.6	107.7	103.9	115.2	170.3
1985	25.9	50.7	61.0	86.9	94.2	94.8	107.8	110.6	129.7	159.4
1984	26.5	48.4	65.2	83.1	101.9	99.1	103.8	106.0	158.6	154.3
1983	24.6	46.9	65.0	77.9	91.5	93.4	99.4	110.4	133.8	149.2
1982	24.6	50.3	65.1	80.4	88.2	90.9	103.1	115.1	144.2	141.5
1981	23.5	49.4	56.4	77.6	82.7	87.4	96.8	95.9	148.5	156.6
1980	22.9	42.3	63.2	78.3	81.7	79.8	90.4	107.3	127.0	149.9
1979	22.0	50.6	63.1	66.3	81.4	79.6	86.6	94.1	112.1	137.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of cervix uteri (180)										
All races, both sexes										
1998	1.6	2.6	2.9	2.8	3.2	3.6	3.8	4.7	5.6	7.9
1997	1.7	2.8	2.9	3.3	3.9	4.1	4.0	4.6	5.5	8.4
1996	1.7	2.3	3.1	3.2	4.0	4.4	4.4	4.8	5.8	8.9
1995	1.7	2.7	3.1	3.3	3.4	3.8	4.4	5.3	7.2	9.3
1994	1.7	2.9	3.3	3.5	3.8	4.6	5.0	5.3	7.1	7.4
1993	1.8	2.9	3.3	3.4	3.8	4.2	5.2	6.0	7.1	9.2
1992	1.8	2.7	3.4	3.8	3.7	4.4	5.1	5.7	8.3	9.1
1991	1.8	2.9	3.1	3.8	4.2	4.5	4.9	6.0	7.1	9.8
1990	1.9	3.0	3.7	3.8	4.2	4.5	5.3	5.6	8.7	9.9
1989	1.8	2.8	3.4	3.8	4.1	4.9	5.1	6.3	7.2	11.1
1988	1.8	3.0	3.5	3.5	4.4	4.8	5.4	6.2	8.1	10.4
1987	1.8	3.2	3.4	3.5	4.2	5.2	5.5	6.1	8.6	9.7
1986	1.9	3.2	3.7	4.0	4.8	5.1	5.3	6.6	8.4	11.3
1985	1.9	2.9	3.7	3.8	4.3	5.2	6.1	7.2	8.7	12.3
1984	1.9	3.1	3.6	4.4	4.7	5.1	6.0	7.0	9.2	11.4
1983	2.0	3.1	3.4	4.4	5.2	5.8	6.1	7.4	9.1	12.6
1982	2.0	3.2	3.9	4.6	4.9	5.6	6.4	7.8	9.6	12.1
1981	2.1	3.3	4.1	4.9	5.8	5.6	6.7	8.0	10.0	13.5
1980	2.2	3.7	3.9	4.7	5.7	6.1	7.6	8.8	10.1	12.2
1979	2.2	3.6	4.2	5.3	5.6	6.6	7.6	8.5	11.0	13.3
Malignant neoplasm of cervix uteri (180)										
All races, female										
1998	3.1	5.2	5.7	5.5	6.0	6.7	6.7	7.9	8.8	11.1
1997	3.2	5.5	5.7	6.3	7.5	7.5	7.1	7.7	8.7	11.7
1996	3.3	4.5	6.0	6.2	7.6	8.1	7.9	8.1	9.1	12.4
1995	3.3	5.2	6.1	6.3	6.5	7.0	7.8	8.9	11.2	12.8
1994	3.4	5.7	6.4	6.8	7.3	8.4	8.8	8.8	11.0	10.3
1993	3.4	5.6	6.3	6.6	7.3	7.6	9.2	9.9	10.9	12.7
1992	3.5	5.4	6.5	7.2	6.9	8.0	9.0	9.5	12.7	12.6
1991	3.5	5.6	6.1	7.3	7.9	8.1	8.6	9.9	10.8	13.6
1990	3.6	5.9	7.2	7.2	7.9	8.1	9.2	9.1	13.4	13.8
1989	3.5	5.5	6.5	7.3	7.6	8.9	8.9	10.3	11.0	15.4
1988	3.5	5.8	6.7	6.7	8.2	8.8	9.4	10.1	12.4	14.5
1987	3.6	6.2	6.6	6.7	7.9	9.4	9.5	9.9	13.1	13.6
1986	3.7	6.3	7.2	7.7	8.9	9.3	9.2	10.7	12.9	15.7
1985	3.7	5.7	7.2	7.3	8.0	9.3	10.5	11.7	13.3	17.2
1984	3.8	6.1	6.9	8.3	8.8	9.3	10.3	11.4	14.0	16.0
1983	3.9	6.0	6.7	8.4	9.8	10.4	10.5	12.0	14.0	17.8
1982	3.9	6.2	7.5	8.7	9.2	10.1	11.0	12.8	14.7	17.1
1981	4.1	6.4	7.9	9.2	10.9	10.1	11.6	13.0	15.2	19.2
1980	4.2	7.2	7.5	9.0	10.6	11.0	13.2	14.3	15.5	17.5
1979	4.3	7.0	8.2	10.0	10.4	11.8	13.1	13.9	16.8	19.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of cervix uteri (180)										
White, both sexes										
1998	1.4	2.3	2.7	2.5	2.7	2.9	3.3	4.0	4.6	6.5
1997	1.5	2.5	2.6	2.7	3.5	3.5	3.4	3.8	4.7	7.0
1996	1.6	2.0	2.7	2.8	3.3	3.7	3.8	4.4	5.2	7.8
1995	1.5	2.3	2.7	2.8	2.8	3.2	3.8	4.4	6.2	7.7
1994	1.6	2.5	3.0	3.1	3.4	4.0	4.4	4.5	6.0	6.6
1993	1.6	2.4	2.8	3.0	3.1	3.4	4.5	5.0	5.9	7.9
1992	1.6	2.3	2.7	3.2	2.9	3.6	4.4	4.8	7.1	8.0
1991	1.6	2.5	2.6	3.2	3.5	3.7	4.2	5.3	6.0	8.8
1990	1.7	2.5	3.2	3.2	3.4	3.8	4.5	4.8	7.7	9.1
1989	1.6	2.4	2.8	3.2	3.2	4.0	4.4	5.2	6.0	9.6
1988	1.6	2.7	2.7	2.9	3.7	4.2	4.7	4.9	6.9	9.2
1987	1.6	2.7	2.8	3.0	3.6	4.3	4.8	5.3	7.6	8.7
1986	1.7	2.5	3.1	3.4	3.9	4.3	4.5	5.6	7.6	10.0
1985	1.7	2.5	2.8	3.2	3.7	4.6	5.1	6.1	7.5	10.8
1984	1.7	2.5	2.7	3.8	4.1	4.4	5.2	6.1	8.1	9.9
1983	1.8	2.5	2.9	3.6	4.4	5.0	5.1	5.9	8.1	11.5
1982	1.8	2.7	3.1	3.8	4.3	4.9	5.3	6.6	8.4	10.8
1981	1.9	2.9	3.4	4.1	5.1	5.0	5.8	7.0	8.8	12.0
1980	1.9	2.8	3.2	4.1	4.9	5.3	6.5	7.5	9.2	10.5
1979	2.0	2.9	3.7	4.6	4.7	5.5	6.9	7.4	10.0	12.2
Malignant neoplasm of cervix uteri (180)										
White, female										
1998	2.8	4.6	5.2	4.9	5.2	5.4	5.8	6.8	7.3	9.0
1997	3.0	5.0	5.1	5.3	6.7	6.6	6.1	6.4	7.4	9.8
1996	3.1	4.0	5.3	5.4	6.3	6.9	6.8	7.5	8.1	10.8
1995	3.0	4.6	5.3	5.5	5.4	6.0	6.7	7.4	9.7	10.6
1994	3.2	5.0	5.8	5.9	6.4	7.3	7.8	7.6	9.3	9.1
1993	3.1	4.8	5.4	5.8	6.0	6.3	8.0	8.3	9.1	10.9
1992	3.1	4.6	5.4	6.2	5.5	6.5	7.8	8.0	10.9	11.0
1991	3.1	4.9	5.1	6.2	6.5	6.7	7.4	8.7	9.2	12.2
1990	3.3	4.9	6.2	6.3	6.5	6.9	8.0	7.9	11.8	12.5
1989	3.1	4.7	5.5	6.1	6.1	7.2	7.6	8.5	9.1	13.2
1988	3.2	5.2	5.3	5.6	7.0	7.6	8.2	8.0	10.6	12.7
1987	3.2	5.3	5.4	5.8	6.7	7.9	8.4	8.7	11.6	12.1
1986	3.3	4.9	6.0	6.4	7.4	7.9	7.8	9.1	11.5	13.8
1985	3.3	4.9	5.6	6.2	6.9	8.3	8.9	9.9	11.4	15.0
1984	3.4	5.0	5.3	7.2	7.7	8.0	9.0	10.0	12.3	13.9
1983	3.4	4.9	5.6	6.8	8.2	9.1	8.8	9.6	12.4	16.1
1982	3.5	5.3	6.1	7.2	8.1	8.9	9.1	10.7	12.9	15.2
1981	3.7	5.8	6.5	7.8	9.5	9.0	10.0	11.4	13.4	17.0
1980	3.7	5.6	6.3	7.8	9.1	9.5	11.2	12.2	14.0	15.0
1979	3.8	5.6	7.2	8.8	8.9	10.0	11.8	11.9	15.2	17.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of cervix uteri (180)										
All other, both sexes										
1998	2.2	4.2	4.5	4.7	5.8	8.6	7.8	10.4	15.6	21.9
1997	2.3	4.5	4.9	6.7	6.5	7.6	8.6	11.8	14.0	22.0
1996	2.3	3.7	5.1	5.9	8.6	9.2	9.8	8.3	12.5	19.6
1995	2.5	4.6	5.7	5.8	7.4	8.0	10.3	13.7	16.7	24.9
1994	2.4	4.9	5.1	6.6	7.0	9.2	10.5	12.4	17.7	16.0
1993	2.7	5.4	6.3	6.3	8.7	9.9	11.2	15.5	18.8	22.2
1992	2.8	5.3	7.0	7.4	9.0	11.3	11.4	14.3	20.2	20.5
1991	2.7	5.1	6.4	7.8	9.7	11.1	11.4	12.9	18.3	20.2
1990	2.8	6.2	7.3	7.3	9.9	10.0	11.9	12.5	19.0	19.2
1989	3.0	5.5	6.9	8.4	10.6	12.7	12.0	16.8	19.8	27.7
1988	2.9	4.9	8.3	7.7	9.6	10.6	12.1	18.2	20.3	23.8
1987	2.9	6.4	7.4	7.3	9.5	12.7	11.2	13.4	19.2	20.8
1986	3.2	7.8	8.2	8.9	11.6	12.0	12.7	16.3	17.5	25.5
1985	3.1	5.5	9.7	8.2	9.3	10.2	14.7	17.7	21.8	28.7
1984	3.1	6.8	9.5	9.0	10.1	11.4	13.3	15.0	21.2	27.6
1983	3.4	7.0	7.6	10.9	12.6	12.7	15.4	21.0	20.6	25.5
1982	3.3	6.5	9.7	10.7	10.2	11.8	17.1	20.2	22.6	26.5
1981	3.4	5.6	9.9	11.2	12.5	10.8	15.2	17.6	23.7	30.0
1980	3.7	9.8	9.1	9.9	13.3	13.6	18.3	20.8	20.9	31.8
1979	3.7	8.8	8.6	11.1	13.6	15.7	14.9	20.0	22.8	26.4
Malignant neoplasm of cervix uteri (180)										
All other, female										
1998	4.2	7.8	8.3	8.7	10.5	15.0	13.0	17.1	23.9	31.1
1997	4.5	8.3	9.1	12.3	11.7	13.3	14.4	19.3	21.4	31.3
1996	4.3	7.0	9.5	10.8	15.3	16.0	16.6	13.5	19.2	27.8
1995	4.8	8.6	10.6	10.7	13.2	13.9	17.3	22.2	25.6	35.5
1994	4.6	9.2	9.4	12.0	12.4	16.0	17.8	20.1	27.2	22.9
1993	5.1	10.1	11.7	11.4	15.5	17.2	19.0	24.9	29.1	31.8
1992	5.4	9.9	13.0	13.4	15.9	19.7	19.2	23.0	31.4	29.5
1991	5.2	9.6	11.8	14.1	17.1	19.3	19.2	20.9	28.3	29.1
1990	5.3	11.6	13.4	13.2	17.4	17.4	20.0	20.2	29.7	27.9
1989	5.7	10.2	12.8	15.2	18.6	22.1	20.1	27.3	31.1	40.3
1988	5.5	9.1	15.2	13.9	17.0	18.5	20.4	29.7	31.9	34.9
1987	5.5	11.9	13.6	13.1	16.8	22.2	18.9	22.0	30.1	30.7
1986	6.1	14.4	15.1	16.1	20.6	21.0	21.4	26.9	27.5	37.8
1985	5.9	10.3	17.7	14.8	16.6	17.9	24.8	29.3	34.4	42.7
1984	6.0	12.5	17.3	16.3	18.1	19.9	22.5	25.0	33.7	41.4
1983	6.4	12.9	13.8	19.8	22.6	22.2	26.3	35.0	32.7	38.1
1982	6.3	11.9	17.5	19.5	18.3	20.6	29.4	33.7	36.3	39.8
1981	6.4	10.3	17.9	20.4	22.5	19.0	26.4	29.5	38.0	44.9
1980	7.1	18.0	16.4	18.2	24.0	24.0	32.0	35.0	33.8	48.0
1979	7.0	16.1	15.7	20.3	24.5	27.7	26.1	34.1	37.0	40.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of cervix uteri (180)										
Black, both sexes										
1998	2.5	5.1	5.3	5.5	7.2	9.8	9.1	10.6	17.7	22.6
1997	2.8	5.2	5.6	7.9	7.4	9.0	10.3	12.5	15.7	24.8
1996	2.6	4.5	6.0	6.0	9.8	10.0	11.7	10.2	13.9	21.9
1995	2.9	5.2	6.7	7.1	7.9	9.1	12.2	15.0	18.3	26.9
1994	2.8	5.6	6.1	7.3	7.8	10.6	12.6	13.0	19.8	17.9
1993	3.2	6.5	7.5	7.4	9.9	11.2	13.1	18.0	22.0	24.3
1992	3.3	6.5	8.3	8.7	10.6	12.9	12.9	15.0	23.8	22.1
1991	3.1	6.2	7.3	8.6	10.9	12.5	12.3	15.0	20.1	21.5
1990	3.2	7.0	8.2	8.3	10.7	11.1	13.3	13.4	20.8	20.2
1989	3.5	6.4	8.0	9.6	12.0	14.1	13.9	18.8	22.0	31.4
1988	3.3	4.9	9.1	8.1	11.0	11.9	13.7	20.9	22.4	25.2
1987	3.3	7.9	8.5	8.1	10.6	13.6	13.1	15.5	19.8	22.1
1986	3.7	8.8	9.4	10.1	13.3	14.2	14.0	18.3	17.6	26.9
1985	3.5	6.2	11.0	9.3	10.4	11.1	16.7	19.6	23.3	31.3
1984	3.6	8.0	10.7	10.1	11.0	12.2	13.9	16.6	24.6	30.5
1983	3.8	7.9	8.8	11.5	13.9	13.9	17.0	22.7	22.5	27.2
1982	3.7	7.6	10.8	12.3	11.1	13.0	18.5	21.5	24.8	28.4
1981	3.8	6.6	10.6	12.4	14.1	12.2	16.9	19.4	24.4	31.5
1980	4.1	10.5	9.9	11.2	14.8	14.8	19.5	22.2	24.0	31.4
1979	4.0	9.4	9.4	11.5	14.9	17.2	15.9	21.5	24.4	26.9
Malignant neoplasm of cervix uteri (180)										
Black, female										
1998	4.8	9.4	9.7	10.0	12.8	17.0	15.1	17.1	26.3	31.1
1997	5.3	9.7	10.3	14.3	13.1	15.7	17.0	20.1	23.3	34.2
1996	5.0	8.4	11.0	10.9	17.4	17.4	19.3	16.3	20.7	30.3
1995	5.6	9.6	12.3	12.9	14.1	15.8	20.2	23.9	27.3	37.3
1994	5.3	10.4	11.2	13.2	13.8	18.5	20.8	20.6	29.6	25.0
1993	6.0	12.0	13.7	13.2	17.5	19.5	21.7	28.4	33.0	34.0
1992	6.3	11.9	15.1	15.5	18.8	22.3	21.4	23.6	35.9	31.1
1991	6.0	11.5	13.3	15.4	19.2	21.6	20.4	23.7	30.4	30.4
1990	6.1	12.9	15.0	14.8	18.8	19.0	22.1	21.3	31.6	28.8
1989	6.6	11.8	14.6	17.2	21.2	24.3	23.0	29.9	33.5	45.1
1988	6.2	9.1	16.6	14.6	19.3	20.6	22.6	33.4	34.3	36.2
1987	6.3	14.4	15.4	14.7	18.7	23.5	21.7	24.9	30.4	31.9
1986	7.0	16.2	17.1	18.2	23.5	24.6	23.1	29.5	27.3	39.1
1985	6.7	11.4	20.1	16.9	18.5	19.3	27.7	31.9	36.1	45.9
1984	6.8	14.6	19.3	18.3	19.5	21.2	23.2	27.1	38.2	45.0
1983	7.2	14.4	16.0	20.9	24.8	24.2	28.6	37.1	35.2	40.3
1982	7.1	13.9	19.6	22.3	19.7	22.5	31.3	35.5	39.1	42.4
1981	7.1	12.0	19.2	22.4	25.2	21.3	28.7	32.0	38.6	46.9
1980	7.8	19.0	17.9	20.3	26.5	25.8	33.4	36.6	38.4	47.1
1979	7.7	17.2	17.0	21.0	26.7	30.1	27.4	36.0	39.5	40.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
All races, both sexes										
1998	2.3	0.9	1.6	3.2	5.4	8.4	11.8	15.0	18.8	25.4
1997	2.3	0.8	1.5	3.3	5.6	7.6	11.9	14.3	18.0	26.2
1996	2.3	0.8	1.7	2.9	5.9	8.6	11.8	14.3	20.4	26.6
1995	2.3	1.0	1.7	2.9	5.7	8.5	11.8	15.3	19.2	26.9
1994	2.3	0.8	1.7	3.0	5.8	8.6	13.0	15.2	18.9	26.0
1993	2.3	0.9	1.6	3.1	5.7	8.5	12.4	16.1	19.8	25.0
1992	2.4	0.7	1.8	3.0	5.5	9.5	12.5	15.9	20.3	24.9
1991	2.3	0.8	1.6	2.9	5.8	9.5	12.7	15.2	19.2	25.7
1990	2.4	0.9	1.9	3.3	5.6	9.6	13.4	16.9	19.5	25.7
1989	2.4	1.0	1.7	3.0	5.8	10.0	12.7	16.0	19.1	25.7
1988	2.4	0.8	1.6	3.2	6.5	9.7	13.8	16.1	20.7	24.0
1987	2.4	0.9	1.7	3.2	6.0	10.1	13.9	17.2	20.2	24.4
1986	2.4	0.9	1.7	3.2	6.6	10.5	13.9	15.4	20.9	25.4
1985	2.5	1.0	1.9	3.8	7.1	10.5	14.1	16.8	19.9	25.5
1984	2.5	1.0	1.9	3.6	7.2	11.0	14.6	16.3	21.1	26.0
1983	2.6	1.0	1.8	4.0	7.5	10.8	14.6	17.4	21.7	27.4
1982	2.6	1.2	2.2	3.7	7.3	11.7	14.2	17.4	21.5	26.2
1981	2.6	1.0	2.1	4.0	7.6	11.6	13.9	17.2	21.5	27.0
1980	2.7	1.1	2.4	4.4	7.9	11.6	15.0	17.6	22.1	29.3
1979	2.6	1.0	2.5	4.2	8.1	11.3	14.6	17.1	22.1	25.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
All races, female										
1998	4.6	1.7	3.2	6.2	10.3	15.6	21.0	25.3	29.7	35.5
1997	4.4	1.6	2.9	6.4	10.6	14.1	21.1	24.2	28.3	36.5
1996	4.6	1.6	3.3	5.6	11.2	15.8	20.9	24.1	31.8	37.0
1995	4.6	1.9	3.4	5.6	10.8	15.6	20.9	25.6	29.9	37.3
1994	4.6	1.5	3.4	5.8	11.0	15.6	22.9	25.5	29.3	36.0
1993	4.6	1.7	3.2	6.0	10.8	15.5	21.9	26.9	30.5	34.5
1992	4.6	1.3	3.5	5.7	10.3	17.2	22.0	26.3	31.2	34.3
1991	4.6	1.5	3.2	5.5	10.8	17.1	22.3	25.2	29.4	35.5
1990	4.7	1.7	3.7	6.4	10.5	17.4	23.3	27.8	29.9	35.6
1989	4.6	1.9	3.3	5.7	10.9	18.1	22.1	26.3	29.2	35.7
1988	4.7	1.6	3.2	6.2	12.1	17.5	23.9	26.4	31.5	33.3
1987	4.7	1.8	3.4	6.1	11.3	18.3	24.0	28.1	30.8	34.1
1986	4.7	1.7	3.3	6.1	12.3	19.0	24.0	25.2	31.8	35.5
1985	4.9	1.9	3.8	7.2	13.2	19.0	24.3	27.4	30.3	35.6
1984	4.9	2.0	3.7	6.8	13.4	19.9	25.2	26.5	32.2	36.5
1983	5.0	2.0	3.4	7.5	14.1	19.5	25.2	28.3	33.1	38.6
1982	5.0	2.3	4.2	6.9	13.7	21.1	24.4	28.3	32.8	37.2
1981	5.0	2.0	4.1	7.6	14.1	20.8	24.0	28.0	32.8	38.4
1980	5.2	2.1	4.5	8.4	14.8	20.9	25.9	28.6	33.9	42.2
1979	5.0	1.9	4.9	8.0	15.1	20.4	25.2	28.0	33.9	36.1

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
White, both sexes										
1998	2.4	0.8	1.5	3.0	4.8	7.6	10.9	14.0	18.3	25.0
1997	2.3	0.8	1.4	3.0	5.0	6.8	11.0	13.7	17.2	25.5
1996	2.3	0.8	1.6	2.7	5.3	7.7	10.8	13.3	19.5	25.9
1995	2.4	1.0	1.8	2.7	5.0	7.7	11.1	14.8	18.8	26.4
1994	2.4	0.8	1.6	2.8	5.1	7.8	12.0	14.5	18.1	25.7
1993	2.4	0.8	1.5	2.8	5.2	7.7	11.2	15.4	19.0	24.6
1992	2.4	0.7	1.7	2.7	5.0	8.6	11.8	14.9	19.5	24.6
1991	2.3	0.8	1.6	2.5	5.1	8.5	11.8	14.7	18.2	24.9
1990	2.4	0.8	1.8	3.0	5.0	9.0	12.5	16.0	18.8	24.7
1989	2.4	1.0	1.5	2.8	5.3	9.2	11.7	14.9	18.3	25.3
1988	2.4	0.8	1.5	3.0	5.8	8.8	13.0	15.3	19.9	23.2
1987	2.4	0.9	1.6	2.9	5.6	9.5	13.3	16.2	19.3	23.6
1986	2.4	0.8	1.5	2.9	6.1	9.7	12.9	14.8	20.4	25.2
1985	2.5	0.9	1.8	3.6	6.5	9.8	13.3	16.1	19.1	25.0
1984	2.5	0.8	1.7	3.4	6.8	10.2	14.0	15.5	19.9	25.3
1983	2.6	0.9	1.7	3.6	7.2	10.4	13.7	16.6	21.2	27.4
1982	2.6	1.1	2.0	3.3	6.9	10.8	13.5	16.9	20.8	25.6
1981	2.6	1.0	1.9	3.8	7.1	10.9	13.2	16.9	21.1	27.0
1980	2.6	1.0	2.2	4.1	7.3	11.0	14.0	17.0	21.6	28.6
1979	2.6	0.9	2.4	3.9	7.3	10.6	13.7	16.6	21.4	25.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
White, female										
1998	4.6	1.6	3.0	5.9	9.3	14.2	19.5	23.9	29.0	34.9
1997	4.5	1.6	2.8	5.9	9.7	12.7	19.6	23.2	27.1	35.4
1996	4.6	1.5	3.1	5.3	10.1	14.3	19.1	22.4	30.5	35.8
1995	4.7	1.9	3.5	5.3	9.6	14.3	19.8	24.9	29.2	36.5
1994	4.6	1.5	3.2	5.4	9.7	14.3	21.3	24.3	28.0	35.5
1993	4.6	1.6	3.0	5.5	9.9	14.0	19.8	25.6	29.3	33.9
1992	4.7	1.3	3.4	5.2	9.5	15.7	20.8	24.8	30.0	33.9
1991	4.6	1.5	3.1	4.7	9.7	15.5	20.7	24.3	27.9	34.3
1990	4.8	1.6	3.5	5.8	9.4	16.3	21.9	26.3	28.7	34.0
1989	4.6	1.9	3.0	5.5	9.9	16.8	20.4	24.5	27.9	35.0
1988	4.7	1.5	3.0	5.8	10.8	16.1	22.7	25.0	30.3	32.1
1987	4.8	1.7	3.2	5.7	10.4	17.3	23.1	26.5	29.3	32.8
1986	4.8	1.6	3.0	5.7	11.4	17.7	22.4	24.1	31.0	35.0
1985	4.9	1.9	3.6	6.9	12.2	17.8	23.0	26.2	29.1	34.8
1984	4.9	1.6	3.4	6.6	12.7	18.4	24.1	25.2	30.3	35.3
1983	5.1	1.8	3.4	6.9	13.5	18.8	23.6	26.9	32.3	38.4
1982	5.0	2.2	3.9	6.3	12.9	19.6	23.2	27.5	31.8	36.1
1981	5.0	2.0	3.8	7.2	13.2	19.7	22.7	27.3	32.1	38.3
1980	5.2	1.9	4.2	7.7	13.6	19.9	24.2	27.5	33.0	41.0
1979	5.0	1.7	4.7	7.5	13.7	19.1	23.6	27.0	32.8	36.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
All other, both sexes										
1998	2.2	1.2	2.2	4.5	9.1	13.8	19.1	23.1	23.9	29.6
1997	2.1	0.7	2.0	4.7	8.9	13.5	19.4	19.9	26.4	33.5
1996	2.3	1.0	2.3	4.0	9.8	14.9	20.7	24.2	29.4	34.3
1995	2.1	1.1	1.6	4.1	10.0	14.1	17.8	19.7	23.6	32.1
1994	2.2	*	2.4	4.6	10.8	14.5	21.4	22.1	27.3	28.9
1993	2.3	1.0	2.4	4.9	9.4	15.1	23.4	23.6	27.5	29.1
1992	2.3	*	2.1	5.1	9.2	16.2	18.9	25.3	28.2	27.4
1991	2.4	*	2.0	5.6	10.4	17.0	21.6	20.7	28.6	33.5
1990	2.4	1.1	2.6	5.7	10.6	15.0	20.9	25.3	27.1	36.9
1989	2.4	*	2.7	4.1	10.3	16.2	21.6	26.7	27.8	29.7
1988	2.4	*	2.3	5.0	12.2	16.7	20.5	24.4	28.4	32.3
1987	2.4	1.2	2.6	5.1	10.0	15.4	19.2	26.3	30.2	33.3
1986	2.4	1.2	2.7	5.1	10.8	17.1	23.2	21.7	26.3	28.1
1985	2.4	*	2.6	5.0	11.7	16.6	21.3	23.7	27.8	30.5
1984	2.5	2.2	3.1	4.7	10.3	18.4	20.8	23.7	34.4	33.2
1983	2.4	1.7	2.0	6.5	10.5	14.4	23.2	25.5	27.1	26.9
1982	2.6	1.4	3.6	6.5	11.5	19.4	20.6	22.1	28.6	33.0
1981	2.5	*	3.7	6.3	12.2	17.3	20.8	20.4	25.7	26.8
1980	2.8	1.7	3.7	7.5	13.6	16.8	24.4	24.0	27.9	37.3
1979	2.7	1.8	3.4	6.8	15.3	17.9	23.4	22.0	29.5	23.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
All other, female										
1998	4.2	2.1	4.1	8.4	16.5	24.2	32.1	37.8	36.6	42.1
1997	4.1	1.4	3.8	8.7	16.0	23.5	32.6	32.5	40.4	47.6
1996	4.4	1.9	4.3	7.4	17.6	25.9	34.9	39.4	45.0	48.7
1995	3.9	2.0	3.0	7.6	17.8	24.6	29.9	32.0	36.2	45.7
1994	4.3	*	4.5	8.4	19.3	25.2	36.1	35.8	41.9	41.3
1993	4.5	1.9	4.4	8.9	16.7	26.2	39.6	38.0	42.4	41.6
1992	4.4	*	4.0	9.2	16.2	28.1	31.8	40.8	43.7	39.3
1991	4.5	*	3.7	10.1	18.3	29.6	36.4	33.4	44.5	48.3
1990	4.6	2.0	4.7	10.4	18.7	26.1	35.2	41.0	42.4	53.6
1989	4.6	*	5.1	7.4	18.2	28.2	36.4	43.4	43.9	43.2
1988	4.7	*	4.2	9.0	21.5	29.2	34.5	39.8	44.6	47.3
1987	4.5	2.2	4.8	9.2	17.7	26.9	32.3	43.2	47.4	49.1
1986	4.6	2.2	5.0	9.2	19.2	29.9	39.1	35.8	41.3	41.7
1985	4.6	*	4.8	9.1	20.9	29.0	35.9	39.2	43.9	45.3
1984	4.8	4.1	5.6	8.5	18.5	32.2	35.2	39.5	54.7	49.7
1983	4.6	3.2	3.7	11.7	18.8	25.2	39.6	42.5	43.0	40.3
1982	4.9	2.5	6.6	11.9	20.6	33.9	35.4	36.8	45.9	49.6
1981	4.7	*	6.6	11.5	21.9	30.4	35.9	34.2	41.3	40.2
1980	5.3	3.2	6.7	13.7	24.5	29.6	42.5	40.3	45.1	56.5
1979	5.1	3.3	6.2	12.6	27.7	31.7	41.1	37.6	47.8	35.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
Black, both sexes										
1998	2.7	1.3	2.2	5.4	11.6	17.7	23.9	27.8	28.0	34.4
1997	2.7	*	2.4	5.6	11.2	17.5	23.9	24.7	30.0	38.0
1996	2.8	*	2.7	4.6	11.9	18.6	25.5	28.5	33.0	38.6
1995	2.6	1.2	2.0	4.9	11.7	17.1	22.4	24.1	27.8	35.9
1994	2.8	*	2.9	5.6	13.4	18.0	26.0	25.7	31.3	32.2
1993	2.9	1.2	2.8	5.6	11.6	18.3	28.0	27.9	32.5	33.2
1992	2.8	*	2.7	5.8	11.3	18.6	21.9	29.9	33.0	30.2
1991	2.9	*	2.1	6.3	12.1	20.9	25.6	23.4	33.6	38.0
1990	2.9	*	3.0	6.7	12.5	17.4	23.8	29.6	31.2	42.2
1989	2.9	*	3.0	5.0	11.9	18.4	24.9	30.5	31.6	33.6
1988	3.0	*	2.6	5.5	14.3	19.8	24.3	27.1	31.6	36.9
1987	2.9	*	2.9	5.4	11.8	17.7	21.7	30.6	34.6	38.0
1986	2.9	*	3.1	5.2	12.3	20.2	26.8	24.7	29.4	31.3
1985	2.9	*	2.8	5.8	13.6	19.2	23.8	27.3	31.4	33.8
1984	3.0	2.5	3.4	5.3	11.2	20.9	23.9	26.3	38.1	37.4
1983	2.8	1.8	2.3	7.0	11.9	16.3	26.6	28.4	29.5	29.9
1982	2.9	*	3.6	7.2	12.8	21.7	22.9	24.2	33.0	36.4
1981	2.8	*	4.3	7.0	13.4	19.4	23.8	22.6	28.7	28.0
1980	3.2	1.9	4.1	8.4	15.2	18.5	27.3	26.0	31.0	40.2
1979	3.0	2.0	3.6	7.1	16.8	19.4	25.6	23.5	32.3	25.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (179,182)										
Black, female										
1998	5.2	2.4	4.0	9.7	20.7	30.8	39.6	44.6	41.7	47.4
1997	5.1	*	4.5	10.2	20.0	30.4	39.6	39.5	44.5	52.5
1996	5.4	*	5.0	8.3	21.1	32.4	42.2	45.6	49.1	53.3
1995	4.9	2.2	3.6	8.8	20.9	29.7	37.1	38.5	41.3	49.8
1994	5.3	*	5.2	10.1	23.9	31.4	43.1	40.9	46.7	44.7
1993	5.5	2.2	5.1	10.1	20.6	31.7	46.6	44.1	48.7	46.4
1992	5.3	*	4.9	10.5	19.9	32.2	36.4	47.2	49.8	42.4
1991	5.5	*	3.7	11.3	21.3	36.1	42.5	37.1	50.6	53.6
1990	5.6	*	5.4	12.1	21.9	30.1	39.5	46.9	47.4	60.1
1989	5.5	*	5.5	9.0	21.0	31.6	41.4	48.5	48.1	48.4
1988	5.6	*	4.8	9.9	25.1	34.2	40.3	43.2	48.3	53.0
1987	5.4	*	5.4	9.7	20.9	30.7	36.0	49.1	53.2	54.9
1986	5.5	*	5.7	9.4	21.8	35.0	44.4	39.9	45.5	45.7
1985	5.5	*	5.1	10.6	24.1	33.3	39.5	44.3	48.7	49.6
1984	5.6	4.6	6.2	9.6	19.9	36.3	39.8	42.9	59.2	55.0
1983	5.3	3.4	4.2	12.6	21.3	28.4	44.7	46.3	46.2	44.4
1982	5.6	*	6.6	13.0	22.9	37.7	38.6	39.8	52.2	54.2
1981	5.4	*	7.8	12.8	23.9	33.7	40.4	37.3	45.5	41.6
1980	6.0	3.5	7.5	15.2	27.3	32.3	46.7	43.0	49.5	60.4
1979	5.7	3.6	6.5	13.0	30.1	33.8	43.9	39.4	52.4	37.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of ovary (183.0)										
All races, both sexes										
1998	4.9	2.9	5.4	8.6	12.2	16.9	23.0	28.8	34.5	39.4
1997	5.0	3.3	5.6	8.3	12.4	16.8	24.6	29.8	34.9	40.1
1996	4.9	3.3	5.4	8.6	13.0	17.1	23.2	28.8	36.0	38.6
1995	5.0	3.3	5.8	9.5	12.7	17.9	24.3	29.9	35.0	39.6
1994	5.1	3.4	6.3	9.6	13.7	18.9	24.1	30.3	36.4	40.1
1993	5.0	3.6	6.0	9.2	13.0	17.9	23.5	28.8	37.0	38.6
1992	5.1	3.5	6.5	9.8	14.0	19.2	25.4	30.1	34.9	39.2
1991	5.1	3.6	6.5	10.4	13.9	20.1	24.6	29.2	35.6	39.2
1990	5.1	3.9	6.3	9.6	13.9	19.6	24.9	30.1	32.7	38.0
1989	5.0	3.6	6.6	9.5	14.7	19.8	23.8	28.1	33.5	34.8
1988	5.0	3.7	6.5	10.4	14.7	19.7	24.5	27.7	33.0	34.9
1987	4.9	3.9	6.9	10.5	14.4	19.0	23.2	28.3	32.1	32.8
1986	4.9	4.3	6.5	10.2	15.0	18.9	24.7	25.8	31.2	33.9
1985	4.8	4.2	7.0	10.3	14.9	18.4	23.4	26.9	31.5	28.6
1984	4.8	4.3	7.0	10.7	14.2	18.4	22.5	26.3	32.0	30.7
1983	4.8	4.0	7.8	10.6	14.9	19.2	23.1	26.4	29.8	31.1
1982	4.8	4.6	7.0	11.3	15.1	18.7	22.1	27.2	30.0	29.8
1981	4.7	4.6	7.6	11.5	15.2	18.3	21.9	26.6	29.9	27.2
1980	4.7	4.5	8.3	10.8	15.2	18.1	22.3	26.5	29.4	30.4
1979	4.7	4.8	8.8	10.9	14.4	18.9	22.1	24.4	30.2	26.3
Malignant neoplasm of ovary (183.0)										
All races, female										
1998	9.5	5.6	10.6	16.6	23.2	31.3	40.9	48.7	54.5	55.1
1997	9.7	6.5	10.9	16.1	23.5	31.1	43.6	50.2	54.7	55.9
1996	9.6	6.6	10.5	16.7	24.6	31.5	40.9	48.5	56.3	53.5
1995	9.8	6.4	11.4	18.3	24.1	32.8	42.8	50.2	54.3	54.9
1994	10.0	6.7	12.2	18.6	25.8	34.5	42.5	50.7	56.3	55.5
1993	9.7	7.0	11.6	17.8	24.5	32.6	41.4	47.9	57.0	53.3
1992	10.0	6.8	12.6	18.8	26.3	34.8	44.5	49.9	53.6	54.2
1991	10.1	7.0	12.7	19.9	26.2	36.4	43.0	48.3	54.6	54.2
1990	9.9	7.7	12.3	18.5	26.0	35.5	43.3	49.5	50.1	52.7
1989	9.7	7.0	12.8	18.2	27.4	36.0	41.5	46.1	51.2	48.4
1988	9.7	7.2	12.6	19.9	27.4	35.8	42.5	45.3	50.4	48.6
1987	9.5	7.7	13.3	20.0	26.7	34.6	40.1	46.2	49.0	45.7
1986	9.5	8.4	12.6	19.4	27.9	34.3	42.7	42.1	47.5	47.4
1985	9.3	8.2	13.5	19.6	27.8	33.3	40.4	43.8	48.1	40.1
1984	9.3	8.5	13.5	20.2	26.5	33.2	38.8	42.8	48.8	43.1
1983	9.3	7.8	15.0	20.1	27.8	34.6	39.8	42.9	45.5	43.8
1982	9.3	8.9	13.5	21.5	28.2	33.7	38.1	44.2	45.9	42.3
1981	9.2	8.9	14.7	21.7	28.3	33.0	37.7	43.3	45.8	38.8
1980	9.2	8.8	16.0	20.5	28.2	32.5	38.4	43.1	45.1	43.8
1979	9.2	9.3	17.0	20.7	26.8	34.1	38.1	39.9	46.4	38.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of ovary (183.0)										
White, both sexes										
1998	5.3	3.0	5.7	8.9	12.5	17.3	23.6	29.6	35.6	40.8
1997	5.4	3.4	5.7	8.8	12.9	17.0	24.9	30.4	35.6	40.7
1996	5.4	3.4	5.6	8.9	13.7	17.3	23.4	29.8	36.7	39.6
1995	5.5	3.4	6.1	10.0	13.2	18.5	25.1	30.6	35.0	40.8
1994	5.6	3.6	6.6	9.9	14.0	19.4	24.5	30.8	37.2	41.0
1993	5.4	3.7	6.1	9.5	13.4	18.3	23.8	29.2	37.7	39.1
1992	5.6	3.5	6.7	10.1	14.1	19.4	25.9	31.0	35.3	39.7
1991	5.6	3.6	6.7	10.8	14.4	20.4	24.9	29.7	36.4	39.5
1990	5.5	4.2	6.6	9.9	14.4	19.9	25.4	31.0	32.8	38.6
1989	5.4	3.8	6.8	9.9	15.3	20.2	24.5	28.8	34.5	35.4
1988	5.4	3.7	6.8	10.6	15.1	20.1	24.9	28.4	33.4	36.2
1987	5.3	4.0	7.2	10.9	14.8	19.6	23.6	29.0	32.9	33.3
1986	5.3	4.5	6.7	10.5	15.2	19.3	25.2	27.0	31.9	34.6
1985	5.2	4.4	7.2	10.6	15.0	18.7	24.0	27.7	32.4	29.9
1984	5.1	4.5	7.3	10.8	14.6	18.8	23.0	26.9	32.4	31.4
1983	5.2	4.1	8.0	10.9	15.2	19.9	23.7	27.0	30.5	31.6
1982	5.1	4.8	7.2	11.8	15.4	19.2	22.4	27.9	30.8	30.9
1981	5.1	4.7	8.0	11.8	15.5	18.9	22.4	27.4	29.8	28.2
1980	5.1	4.6	8.6	11.0	15.4	18.4	22.5	27.4	30.2	31.1
1979	5.0	4.8	9.0	11.1	14.6	19.4	22.4	25.6	31.6	27.3
Malignant neoplasm of ovary (183.0)										
White, female										
1998	10.5	5.9	11.3	17.3	24.0	32.3	42.1	50.3	56.4	56.9
1997	10.7	6.8	11.3	17.1	24.7	31.6	44.4	51.5	56.1	56.6
1996	10.5	6.8	10.9	17.3	26.2	32.2	41.7	50.4	57.5	54.8
1995	10.9	6.8	11.9	19.4	25.3	34.1	44.6	51.4	54.5	56.4
1994	11.0	7.1	13.1	19.2	26.7	35.7	43.4	51.6	57.7	56.5
1993	10.6	7.4	12.0	18.5	25.6	33.5	42.1	48.8	58.1	53.8
1992	11.0	7.0	13.2	19.5	26.7	35.5	45.7	51.6	54.3	54.6
1991	10.9	7.1	13.2	21.0	27.3	37.1	43.9	49.1	55.8	54.4
1990	10.8	8.2	13.0	19.2	27.1	36.3	44.4	51.0	50.2	53.2
1989	10.6	7.5	13.3	19.1	28.7	36.9	42.7	47.3	52.6	49.0
1988	10.6	7.3	13.3	20.5	28.3	36.6	43.3	46.6	50.8	50.1
1987	10.4	8.0	14.0	21.0	27.6	35.7	40.9	47.4	50.0	46.2
1986	10.3	8.9	13.0	20.2	28.5	35.1	43.7	43.9	48.5	48.1
1985	10.1	8.7	14.0	20.4	28.2	33.9	41.5	45.0	49.2	41.6
1984	10.0	8.9	14.2	20.7	27.3	34.1	39.8	43.7	49.3	43.8
1983	10.1	8.0	15.5	20.7	28.5	36.1	40.8	43.8	46.4	44.3
1982	10.0	9.4	14.0	22.3	28.9	34.7	38.6	45.2	46.9	43.5
1981	9.9	9.3	15.5	22.4	29.1	34.1	38.6	44.5	45.4	39.9
1980	9.9	9.0	16.7	20.9	28.7	33.2	38.8	44.5	46.1	44.5
1979	9.8	9.5	17.5	21.1	27.3	34.9	38.4	41.5	48.4	39.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of ovary (183.0)										
All other, both sexes										
1998	2.6	2.4	3.9	6.8	10.1	14.3	18.8	21.8	23.5	26.4
1997	2.8	2.7	4.4	5.7	8.9	16.0	22.2	23.9	27.1	34.0
1996	2.7	2.9	4.2	7.2	8.6	15.4	20.9	19.9	28.9	28.2
1995	2.6	2.4	4.4	6.7	9.6	13.3	16.7	24.0	34.2	27.6
1994	2.8	2.4	4.1	8.0	11.5	15.2	20.9	25.8	28.0	30.8
1993	2.7	2.5	5.0	7.4	10.0	14.5	20.8	24.6	29.3	33.6
1992	2.9	3.1	5.0	8.0	13.1	17.1	20.6	21.5	29.8	34.5
1991	2.9	3.3	5.2	7.2	10.5	18.1	21.2	24.9	27.2	36.4
1990	2.7	2.7	4.3	7.7	10.2	16.7	20.4	22.1	31.2	31.9
1989	2.6	2.1	5.3	6.8	10.5	16.5	18.3	21.8	22.8	28.9
1988	2.8	3.4	4.6	9.0	11.8	16.9	21.1	20.9	29.4	21.4
1987	2.7	3.1	5.0	7.4	11.2	14.5	19.7	21.6	24.0	27.1
1986	2.7	3.1	5.6	7.9	13.0	15.9	20.1	15.0	23.2	26.4
1985	2.6	2.8	5.7	7.7	13.9	15.8	18.1	19.2	22.5	15.2
1984	2.7	3.2	5.2	9.4	11.3	14.3	17.7	20.2	27.5	23.5
1983	2.7	3.8	6.4	8.7	12.2	12.5	17.9	20.8	21.4	25.0
1982	2.6	3.2	5.7	8.0	12.2	14.4	19.4	20.4	21.4	18.0
1981	2.6	3.4	5.2	9.0	12.0	13.5	17.0	18.4	31.5	16.3
1980	2.8	3.7	6.2	9.1	13.4	15.1	19.9	17.4	20.5	22.9
1979	2.8	4.7	7.3	9.3	12.3	15.3	20.1	13.4	12.9	14.9
Malignant neoplasm of ovary (183.0)										
All other, female										
1998	5.0	4.5	7.2	12.6	18.3	25.0	31.6	35.8	35.9	37.5
1997	5.3	5.0	8.2	10.4	16.0	27.9	37.3	39.0	41.5	48.4
1996	5.1	5.5	7.8	13.2	15.5	26.8	35.1	32.5	44.2	40.1
1995	4.9	4.5	8.2	12.2	17.1	23.3	28.1	39.0	52.4	39.3
1994	5.3	4.5	7.6	14.5	20.5	26.4	35.2	41.7	43.1	44.0
1993	5.2	4.6	9.3	13.4	17.8	25.3	35.2	39.6	45.3	48.2
1992	5.6	5.8	9.3	14.5	23.2	29.7	34.8	34.7	46.3	49.7
1991	5.6	6.1	9.6	13.1	18.6	31.5	35.8	40.2	42.3	52.5
1990	5.2	5.0	8.0	14.0	18.0	29.1	34.3	35.8	48.8	46.4
1989	5.0	4.0	9.9	12.3	18.5	28.7	30.7	35.5	35.8	42.0
1988	5.4	6.4	8.6	16.2	20.8	29.5	35.6	34.0	46.1	31.4
1987	5.1	5.8	9.2	13.3	19.9	25.3	33.2	35.4	37.8	39.9
1986	5.1	5.7	10.3	14.2	23.2	27.8	33.9	24.7	36.5	39.1
1985	5.0	5.2	10.4	14.0	24.8	27.7	30.6	31.8	35.6	22.7
1984	5.1	5.9	9.4	17.0	20.2	25.1	30.0	33.6	43.6	35.2
1983	5.2	7.0	11.6	15.8	21.9	21.8	30.7	34.7	33.9	37.4
1982	5.0	6.0	10.3	14.6	21.9	25.1	33.4	34.0	34.4	27.1
1981	5.1	6.2	9.4	16.5	21.6	23.8	29.5	30.9	50.7	24.4
1980	5.3	6.8	11.2	16.7	24.1	26.6	34.7	29.3	33.1	34.6
1979	5.2	8.6	13.3	17.1	22.3	27.1	35.3	22.9	21.0	22.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of ovary (183.0)										
Black, both sexes										
1998	3.0	2.5	4.3	7.3	11.7	16.2	21.7	25.8	26.3	29.8
1997	3.2	2.9	5.3	6.5	10.0	18.1	26.3	26.9	29.1	37.7
1996	2.9	2.5	3.9	7.2	9.8	17.6	24.3	22.1	32.4	30.2
1995	2.9	2.3	4.3	7.1	10.7	15.8	20.1	27.4	37.3	29.4
1994	3.1	2.4	4.3	8.2	12.3	16.7	24.1	27.9	29.7	35.5
1993	3.1	2.4	4.9	7.3	10.8	16.2	24.3	27.9	31.8	37.9
1992	3.3	3.0	5.4	8.7	13.7	18.7	22.1	24.5	32.7	39.4
1991	3.3	3.4	5.2	7.1	11.7	20.4	24.1	27.7	31.9	38.8
1990	3.1	2.9	4.8	8.9	11.4	18.3	21.9	24.8	35.4	33.2
1989	3.0	2.7	5.9	7.1	10.6	18.1	20.6	24.8	24.1	30.9
1988	3.2	3.6	5.0	9.8	12.4	17.9	23.7	22.4	32.4	22.4
1987	3.0	3.6	5.4	7.5	12.8	16.3	22.0	23.7	25.5	27.9
1986	3.0	3.4	5.9	8.1	14.1	17.5	21.8	16.1	25.5	27.9
1985	2.9	3.2	6.0	8.2	14.8	17.5	20.1	20.5	23.3	16.9
1984	3.0	3.6	5.5	10.2	12.1	15.6	19.3	21.7	29.2	24.2
1983	3.0	3.6	6.7	9.5	13.4	13.4	19.7	23.2	21.6	26.1
1982	2.9	3.0	5.7	8.6	13.1	16.0	22.1	22.3	23.4	19.3
1981	2.9	2.8	4.9	9.9	13.0	14.3	18.8	20.1	34.4	15.5
1980	3.1	4.2	5.9	10.1	14.3	16.2	22.1	18.8	23.0	24.5
1979	3.0	4.7	7.1	9.8	13.2	16.7	22.0	14.1	14.4	16.0
Malignant neoplasm of ovary (183.0)										
Black, female										
1998	5.7	4.7	7.9	13.2	20.9	28.1	35.9	41.4	39.1	41.1
1997	6.1	5.4	9.7	11.8	17.9	31.5	43.6	43.1	43.2	52.0
1996	5.6	4.7	7.2	13.0	17.4	30.7	40.3	35.3	48.2	41.8
1995	5.6	4.3	7.9	12.7	19.1	27.6	33.3	43.8	55.4	40.8
1994	5.9	4.4	7.9	14.8	21.9	29.1	39.9	44.3	44.4	49.4
1993	5.8	4.4	8.9	13.1	19.1	28.1	40.4	44.1	47.8	52.9
1992	6.2	5.6	9.8	15.5	24.2	32.4	36.6	38.6	49.3	55.3
1991	6.3	6.2	9.4	12.8	20.6	35.1	40.0	43.9	48.1	54.8
1990	6.0	5.3	8.8	16.0	20.1	31.5	36.4	39.4	53.7	47.3
1989	5.6	4.9	10.6	12.8	18.7	31.2	34.3	39.5	36.8	44.4
1988	6.0	6.6	9.1	17.6	21.8	30.9	39.2	35.8	49.4	32.2
1987	5.7	6.5	9.9	13.5	22.5	28.2	36.5	38.1	39.2	40.3
1986	5.6	6.2	10.7	14.7	25.0	30.3	36.2	26.0	39.4	40.6
1985	5.5	5.8	10.9	14.8	26.2	30.3	33.3	33.3	36.1	24.8
1984	5.6	6.6	9.9	18.4	21.4	27.1	32.2	35.3	45.4	35.7
1983	5.7	6.6	12.1	17.3	23.8	23.3	33.1	37.8	33.8	38.7
1982	5.5	5.5	10.3	15.6	23.3	27.8	37.2	36.7	37.0	28.8
1981	5.4	5.2	8.8	17.9	23.3	24.8	31.9	33.2	54.5	23.0
1980	5.8	7.6	10.7	18.3	25.7	28.2	37.9	31.1	36.8	36.8
1979	5.6	8.7	12.8	17.9	23.7	29.2	37.9	23.7	23.4	24.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of prostate (185)										
All races, both sexes										
1998	11.7	0.4	1.8	5.3	13.7	28.6	53.9	93.4	147.2	206.4
1997	12.1	0.5	1.8	5.8	13.4	30.3	57.6	96.3	149.1	217.3
1996	12.7	0.5	2.1	5.9	14.8	32.4	64.1	103.4	156.3	217.6
1995	12.9	0.4	1.8	6.0	16.0	33.7	64.4	105.3	162.3	226.3
1994	13.3	0.6	2.1	6.0	16.4	34.9	67.9	110.0	169.3	225.6
1993	13.4	0.5	1.9	6.4	16.8	36.8	68.6	112.5	169.4	230.0
1992	13.3	0.5	1.9	6.5	18.0	38.8	70.1	113.4	166.8	220.3
1991	13.3	0.4	2.2	6.5	18.0	37.5	72.1	113.4	171.5	214.7
1990	13.0	0.3	2.3	7.3	18.4	39.0	72.3	113.0	165.1	207.7
1989	12.4	0.5	2.1	7.2	18.0	37.4	68.2	107.5	157.4	198.6
1988	11.9	0.5	2.2	6.6	16.9	36.2	67.3	104.7	153.4	188.3
1987	11.5	0.6	2.0	6.2	16.3	36.3	65.9	102.1	148.9	185.7
1986	11.4	0.5	2.1	6.4	17.0	36.0	66.6	101.9	148.2	181.4
1985	10.9	0.5	2.2	6.5	16.0	34.4	63.9	101.2	145.5	173.9
1984	10.8	0.5	1.9	6.5	16.2	34.0	62.5	100.2	141.8	185.6
1983	10.7	0.6	2.1	6.3	16.3	34.2	63.6	101.9	142.1	179.7
1982	10.4	0.5	2.1	6.4	15.8	34.4	60.5	99.9	142.7	178.8
1981	10.2	0.6	2.1	5.9	15.9	33.9	61.6	97.4	141.5	181.6
1980	10.1	0.6	2.1	6.1	15.8	34.6	60.7	99.4	142.3	184.6
1979	9.9	0.5	2.0	6.0	15.4	32.8	63.1	98.9	143.5	177.5
Malignant neoplasm of prostate (185)										
All races, male										
1998	23.8	0.9	3.7	11.1	28.9	62.2	123.4	228.3	402.1	725.7
1997	24.6	1.0	3.6	12.1	28.3	66.1	132.3	236.3	410.4	771.2
1996	25.9	1.0	4.2	12.3	31.4	70.9	147.6	254.8	433.9	779.0
1995	26.5	0.9	3.7	12.5	34.0	74.0	148.4	261.1	455.0	813.6
1994	27.1	1.2	4.2	12.5	34.9	77.2	156.9	274.2	478.7	814.6
1993	27.5	1.0	3.9	13.4	35.8	81.6	158.8	281.9	482.1	832.6
1992	27.3	1.0	4.0	13.6	38.5	86.5	162.7	285.6	477.1	797.5
1991	27.2	0.9	4.5	13.5	38.6	83.8	168.0	287.1	493.4	775.4
1990	26.7	0.7	4.7	15.4	39.5	87.2	169.7	288.6	475.9	746.1
1989	25.4	1.0	4.3	15.0	38.7	83.5	160.6	275.0	455.0	709.4
1988	24.3	1.0	4.6	13.8	36.4	80.8	159.0	269.0	444.6	670.7
1987	23.6	1.1	4.1	13.0	35.3	81.0	156.3	263.1	432.6	656.9
1986	23.3	1.0	4.3	13.5	36.8	80.4	158.3	263.2	430.9	638.5
1985	22.4	1.0	4.5	13.6	34.5	76.9	152.0	261.9	422.8	609.6
1984	22.2	1.0	4.0	13.7	34.8	76.1	148.9	259.7	411.5	644.8
1983	22.0	1.3	4.3	13.4	35.1	76.8	151.6	264.3	411.6	618.2
1982	21.3	1.0	4.3	13.5	34.0	77.3	144.2	259.3	412.8	607.8
1981	21.0	1.3	4.4	12.6	34.2	76.2	146.9	252.6	408.4	608.6
1980	20.8	1.2	4.3	13.0	34.2	77.8	144.7	258.0	409.9	606.7
1979	20.4	1.0	4.1	12.8	33.2	74.0	150.3	256.1	410.9	576.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of prostate (185)										
White, both sexes										
1998	11.7	0.4	1.5	4.7	11.5	25.6	48.3	85.3	137.4	193.6
1997	12.0	0.4	1.5	4.9	11.4	26.9	51.3	88.4	140.8	202.9
1996	12.6	0.4	1.8	5.1	12.8	28.6	57.8	94.2	145.0	204.4
1995	12.9	0.4	1.6	5.3	13.7	29.9	57.5	98.2	150.7	213.5
1994	13.2	0.5	1.8	5.2	14.5	30.8	60.9	101.9	158.3	213.8
1993	13.3	0.3	1.6	5.6	14.7	32.6	62.5	105.0	156.5	215.0
1992	13.3	0.4	1.6	5.4	15.9	34.9	63.6	105.7	156.0	206.6
1991	13.2	0.4	1.8	5.5	16.2	33.6	65.9	105.3	159.8	203.1
1990	12.9	0.3	2.1	6.3	16.4	35.3	66.5	104.5	153.4	194.1
1989	12.3	0.4	1.7	6.2	16.4	33.7	62.5	99.0	147.6	188.4
1988	11.7	0.4	1.9	5.8	15.0	32.6	62.3	96.5	143.7	177.6
1987	11.3	0.5	1.7	5.3	14.7	32.4	60.4	94.0	138.3	175.3
1986	11.2	0.4	1.8	5.8	15.3	32.5	60.1	94.1	138.5	171.7
1985	10.6	0.4	1.7	5.6	14.2	31.0	57.9	93.1	134.5	163.0
1984	10.5	0.4	1.7	5.7	14.3	30.8	56.0	92.3	130.8	176.3
1983	10.4	0.5	1.8	5.4	14.4	30.8	57.6	93.8	131.1	172.9
1982	10.1	0.4	1.8	5.6	13.9	31.0	54.8	92.9	132.7	170.4
1981	9.9	0.5	1.8	5.1	13.8	29.8	55.4	90.1	132.0	172.5
1980	9.8	0.5	1.7	5.3	14.0	30.4	54.9	92.8	132.6	175.7
1979	9.6	0.3	1.7	5.3	13.4	29.0	57.3	91.8	135.2	171.7
Malignant neoplasm of prostate (185)										
White, male										
1998	23.7	0.7	2.9	9.6	24.0	55.2	109.6	207.4	373.1	683.5
1997	24.5	0.8	3.0	10.2	23.9	58.0	117.1	215.6	385.9	724.1
1996	25.6	0.9	3.6	10.6	26.7	61.9	132.1	230.9	401.0	736.6
1995	26.3	0.8	3.3	10.9	28.7	65.2	131.6	242.3	421.2	773.3
1994	27.0	1.0	3.7	10.6	30.5	67.5	139.6	252.8	447.0	778.2
1993	27.2	0.7	3.3	11.5	30.9	71.9	143.6	261.8	445.6	785.3
1992	27.1	0.8	3.2	11.2	33.6	77.3	146.7	265.1	447.1	755.2
1991	27.0	0.8	3.7	11.5	34.3	74.5	152.7	265.7	460.7	741.2
1990	26.4	0.6	4.2	13.0	34.9	78.2	155.3	266.3	444.1	705.4
1989	25.1	0.8	3.5	12.9	34.9	74.7	146.4	253.1	428.4	681.3
1988	24.0	0.9	3.9	12.0	32.1	72.3	146.5	247.7	418.8	640.6
1987	23.2	1.1	3.5	11.0	31.4	71.9	142.7	242.3	404.0	628.2
1986	22.9	0.7	3.6	12.1	32.9	72.2	142.4	243.5	404.8	612.4
1985	21.8	0.8	3.4	11.6	30.5	68.9	137.3	241.7	393.0	578.9
1984	21.5	0.8	3.5	12.0	30.6	68.8	133.1	240.1	382.1	621.2
1983	21.4	1.0	3.7	11.4	30.9	68.8	137.1	244.2	382.3	602.4
1982	20.8	0.8	3.7	11.7	29.8	69.4	130.5	242.2	386.3	586.5
1981	20.2	1.0	3.7	10.8	29.5	66.8	132.2	234.9	383.8	584.8
1980	20.1	1.1	3.5	11.2	30.2	68.1	131.0	242.0	384.9	583.3
1979	19.7	0.6	3.5	11.2	28.8	65.1	136.9	239.7	390.4	563.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of prostate (185)										
All other, both sexes										
1998	11.8	0.8	3.8	9.3	27.5	49.0	99.3	165.6	246.2	331.2
1997	12.1	0.8	3.4	11.1	25.8	54.7	108.8	168.8	231.6	359.4
1996	13.0	0.7	3.9	10.8	28.2	60.1	117.3	187.9	270.8	348.1
1995	13.0	0.8	2.9	10.2	31.5	61.2	124.1	171.4	280.3	354.6
1994	13.4	1.1	3.5	11.4	29.1	66.4	129.6	186.3	280.4	346.1
1993	13.8	1.3	3.5	11.9	31.7	69.2	122.6	183.8	300.6	384.2
1992	13.6	1.1	4.0	13.4	33.2	69.7	128.4	186.3	278.0	362.3
1991	13.5	*	4.4	12.6	31.5	69.4	127.7	190.7	293.2	336.2
1990	13.7	*	3.5	14.7	33.5	70.5	125.0	193.0	285.9	351.7
1989	12.9	*	4.2	13.8	30.2	68.7	121.0	187.0	260.5	306.6
1988	12.5	*	4.4	12.1	31.9	67.1	113.3	183.0	256.3	302.4
1987	12.5	*	3.7	12.8	29.8	70.1	116.4	179.3	261.7	297.1
1986	12.4	1.3	4.1	11.4	31.2	66.6	126.1	176.1	252.5	287.0
1985	12.5	*	5.6	13.3	31.1	64.3	119.3	178.7	265.8	294.2
1984	12.3	*	3.5	12.2	32.3	61.5	123.0	176.1	263.0	287.6
1983	12.1	1.4	4.0	13.5	32.5	64.5	119.5	180.7	264.9	255.3
1982	11.8	*	3.9	12.7	32.1	64.3	114.5	167.6	256.7	273.0
1981	12.1	*	4.6	12.5	34.7	69.4	120.5	168.3	251.9	284.7
1980	11.9	*	4.7	12.8	32.0	71.7	116.7	164.9	257.9	286.5
1979	11.6	1.7	4.0	12.2	33.7	67.0	119.8	168.2	241.5	244.8
Malignant neoplasm of prostate (185)										
All other, male										
1998	24.6	1.7	8.3	20.4	61.7	114.5	245.2	424.9	710.7	1,121.3
1997	25.4	1.7	7.3	24.3	58.1	128.1	268.1	435.6	670.1	1,211.7
1996	27.2	1.6	8.5	23.8	63.7	140.8	289.0	486.9	780.4	1,172.6
1995	27.3	1.8	6.3	22.6	71.6	143.6	305.6	445.9	807.3	1,186.9
1994	28.0	2.4	7.7	25.2	66.5	156.0	318.5	487.7	802.7	1,153.8
1993	28.8	2.7	7.6	26.3	72.6	163.0	300.0	483.5	851.8	1,273.5
1992	28.6	2.4	8.7	29.8	76.3	164.0	315.5	490.4	781.7	1,190.9
1991	28.3	*	9.7	28.1	72.6	163.2	314.3	499.4	823.5	1,095.7
1990	28.6	*	7.6	32.9	77.6	165.9	308.6	503.9	792.6	1,125.3
1989	26.9	*	9.1	31.0	69.8	161.1	297.8	486.0	719.0	969.1
1988	26.3	*	9.5	27.2	73.3	157.0	279.1	472.1	700.9	949.4
1987	26.2	*	8.2	28.8	68.3	164.2	286.6	459.5	719.6	926.0
1986	26.0	2.9	9.0	25.5	71.5	155.7	309.9	448.6	694.4	884.0
1985	26.2	*	12.3	29.7	70.7	150.1	292.0	451.0	726.0	898.6
1984	25.7	*	7.6	27.2	73.3	143.3	300.0	441.1	710.9	866.7
1983	25.5	3.0	9.0	30.0	73.5	150.4	288.7	450.3	715.5	769.6
1982	24.7	*	8.7	28.2	72.4	150.0	273.0	417.8	688.3	814.9
1981	25.4	*	10.3	27.7	78.0	161.1	284.8	417.2	667.0	845.3
1980	25.1	*	10.4	28.2	71.8	165.5	273.2	406.9	677.5	845.9
1979	24.5	3.7	9.0	26.9	75.3	153.7	277.3	402.2	629.1	722.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of prostate (185)										
Black, both sexes										
1998	15.3	1.1	5.3	12.5	36.0	63.9	127.6	202.6	296.4	376.0
1997	15.6	1.1	4.6	14.7	34.2	69.0	139.4	207.7	267.2	400.3
1996	16.6	1.0	5.2	13.9	36.3	76.5	145.7	228.5	319.2	383.1
1995	16.5	1.1	3.9	13.2	40.8	75.9	155.7	204.8	319.0	388.3
1994	17.0	1.5	4.8	14.9	37.1	82.2	161.1	220.3	322.6	380.7
1993	17.3	1.6	4.3	15.3	39.9	86.9	150.2	214.4	336.3	420.1
1992	17.2	1.5	5.1	17.2	42.3	86.2	153.2	215.5	315.5	394.5
1991	16.9	*	5.7	15.9	38.8	86.0	151.0	224.2	328.9	359.2
1990	17.0	*	4.2	18.7	41.2	84.3	147.9	219.8	319.8	388.5
1989	15.9	*	5.3	16.9	37.2	83.2	141.3	212.7	287.9	330.9
1988	15.4	*	5.5	14.6	38.8	80.0	132.6	208.9	285.7	325.7
1987	15.3	*	4.6	15.7	36.7	82.3	134.8	203.9	287.5	325.5
1986	15.1	1.7	5.0	13.5	37.1	78.8	146.4	198.5	278.0	308.0
1985	15.0	*	6.6	16.0	37.0	74.7	136.7	199.1	291.4	314.9
1984	14.6	*	4.3	14.3	38.4	71.2	139.4	194.7	289.0	314.2
1983	14.5	1.8	4.8	16.1	38.0	74.2	135.7	202.1	296.0	274.5
1982	13.9	*	4.7	14.8	36.7	73.3	128.1	186.7	281.7	295.5
1981	14.1	*	5.5	14.6	39.7	79.0	133.6	186.6	278.5	307.7
1980	13.8	*	5.4	14.5	36.4	80.3	129.0	182.8	282.7	310.0
1979	13.2	2.0	4.8	14.0	38.0	72.7	132.6	181.1	256.7	261.5
Malignant neoplasm of prostate (185)										
Black, male										
1998	32.2	2.4	11.5	27.8	82.0	150.1	321.5	536.6	905.3	1,372.9
1997	32.9	2.5	10.2	32.9	78.1	162.1	351.4	552.6	820.2	1,451.5
1996	35.0	2.1	11.5	31.3	82.9	179.5	367.9	609.9	976.1	1,384.9
1995	34.8	2.4	8.5	29.5	93.3	178.1	393.5	548.5	974.7	1,389.5
1994	35.8	3.4	10.6	33.7	85.0	193.3	406.7	595.2	977.3	1,354.0
1993	36.6	3.6	9.5	34.4	91.8	205.4	376.8	584.0	1,007.7	1,480.3
1992	36.2	3.4	11.3	38.8	97.6	204.1	385.1	588.6	937.5	1,373.2
1991	35.8	*	12.7	35.9	89.7	204.4	380.0	608.5	976.8	1,233.6
1990	35.9	*	9.4	42.4	95.7	201.0	373.2	594.9	937.5	1,305.3
1989	33.6	*	11.9	38.1	86.2	198.0	356.0	572.5	837.1	1,103.0
1988	32.6	*	12.3	32.8	90.0	190.3	333.6	558.2	826.6	1,072.3
1987	32.4	*	10.3	35.3	84.7	195.1	339.0	540.6	821.7	1,057.8
1986	31.8	3.8	11.2	30.2	85.5	186.3	367.7	522.7	787.8	982.5
1985	31.6	*	14.8	35.8	85.0	176.4	343.5	518.8	820.7	990.3
1984	31.0	*	9.5	31.9	88.0	167.7	348.2	504.8	811.9	978.7
1983	30.7	3.9	10.7	35.9	86.8	174.9	336.5	518.2	819.5	841.7
1982	29.3	*	10.5	33.1	83.6	172.8	314.5	478.9	767.5	896.6
1981	29.9	*	12.2	32.6	90.1	186.2	324.7	474.7	755.8	923.2
1980	29.2	*	12.0	32.3	82.4	188.0	310.2	463.6	754.4	930.0
1979	27.9	4.4	10.6	31.1	85.8	169.8	316.8	445.3	670.1	784.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
All races, both sexes										
1998	4.2	2.4	4.7	7.8	11.0	15.4	20.1	23.5	28.8	31.3
1997	4.1	2.5	4.7	7.8	11.5	15.8	19.3	24.0	27.9	32.2
1996	4.1	2.5	4.8	7.9	11.8	15.3	20.0	23.3	28.4	30.4
1995	4.2	2.5	5.0	8.0	11.9	15.0	19.3	25.0	28.7	32.1
1994	4.1	2.6	4.9	7.9	11.7	15.7	19.4	24.3	27.3	30.4
1993	4.0	2.5	5.2	7.3	11.6	15.0	20.0	22.8	27.1	27.1
1992	4.1	2.9	4.8	8.2	11.4	14.9	19.8	24.2	28.2	30.2
1991	4.1	2.5	5.0	8.3	11.9	15.3	19.9	23.4	28.3	29.3
1990	4.0	2.7	5.0	8.1	11.0	15.3	19.6	23.5	26.9	27.7
1989	3.9	2.9	4.8	7.8	11.2	14.9	19.4	22.8	27.2	27.0
1988	3.8	2.7	4.8	7.3	11.1	14.3	19.1	21.4	26.1	25.7
1987	3.9	2.8	5.0	8.1	11.5	14.8	19.3	23.4	25.3	25.6
1986	3.7	2.7	5.1	7.6	11.5	13.7	18.7	21.9	26.6	24.6
1985	3.6	2.7	4.8	7.4	11.0	13.9	18.2	21.4	25.3	23.7
1984	3.6	2.6	5.0	7.5	10.3	13.7	18.5	21.5	23.8	24.1
1983	3.5	2.6	4.7	7.3	11.0	14.1	17.6	21.0	22.3	24.5
1982	3.5	3.0	4.6	7.5	10.1	14.1	17.7	21.3	23.0	23.2
1981	3.4	2.6	4.6	7.3	10.2	13.1	16.9	20.6	22.5	22.3
1980	3.3	2.6	4.9	7.2	10.7	13.7	17.0	19.6	21.3	20.3
1979	3.2	2.8	4.7	7.5	10.2	12.8	16.6	18.2	21.7	20.3
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
All races, male										
1998	5.3	3.6	6.7	11.4	15.7	22.9	28.7	34.3	42.1	47.9
1997	5.2	3.6	6.5	11.0	16.3	22.4	28.2	35.5	40.9	51.4
1996	5.2	3.4	7.1	11.4	16.8	21.9	28.6	33.6	41.9	48.4
1995	5.1	3.6	7.1	11.2	16.7	21.1	26.6	37.0	42.2	49.1
1994	5.1	3.6	7.1	11.3	16.7	22.0	27.2	35.5	39.1	52.0
1993	5.0	3.6	7.5	10.4	16.7	21.6	29.5	33.1	39.6	44.1
1992	5.1	4.2	6.9	12.2	16.0	21.7	28.6	34.9	41.4	47.3
1991	5.0	3.6	7.1	10.8	16.9	21.6	29.1	33.8	42.2	46.4
1990	5.0	3.8	7.2	12.0	16.1	21.8	28.3	35.0	43.4	43.3
1989	4.9	4.2	6.6	11.2	16.1	20.8	28.7	34.0	41.5	42.8
1988	4.7	3.8	7.0	10.1	15.8	20.5	27.7	33.2	37.9	39.9
1987	4.8	3.8	7.4	11.9	16.6	20.8	27.3	34.8	38.8	40.0
1986	4.6	3.7	7.3	10.8	16.0	19.8	26.7	30.9	40.9	39.8
1985	4.6	4.0	6.9	10.8	15.5	20.1	25.5	32.6	39.0	36.5
1984	4.5	3.9	7.1	10.9	14.7	19.7	28.0	30.7	37.8	39.4
1983	4.4	3.6	6.7	10.5	15.6	20.9	25.1	31.6	33.2	36.9
1982	4.5	4.3	6.7	11.0	14.2	20.2	25.8	32.5	35.6	37.0
1981	4.2	3.6	6.7	10.3	15.5	18.0	23.9	31.3	32.9	34.0
1980	4.3	3.8	7.1	10.7	15.3	19.7	25.3	30.6	32.9	32.7
1979	4.2	4.1	6.9	10.9	14.5	19.2	24.2	26.9	33.1	31.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
All races, female										
1998	3.1	1.2	2.7	4.5	6.9	9.1	13.5	16.0	21.2	24.7
1997	3.1	1.5	3.0	4.7	7.2	10.1	12.4	16.1	20.5	24.7
1996	3.1	1.5	2.7	4.6	7.3	9.8	13.4	16.3	20.8	23.4
1995	3.3	1.5	2.9	5.1	7.7	9.9	13.6	16.9	21.2	25.6
1994	3.1	1.6	2.7	4.7	7.3	10.6	13.5	16.8	20.8	22.1
1993	3.0	1.5	3.0	4.4	7.0	9.7	12.7	16.0	20.3	20.7
1992	3.1	1.6	2.9	4.6	7.4	9.4	13.2	17.1	21.1	23.7
1991	3.2	1.5	3.1	5.9	7.5	10.1	12.9	16.7	20.9	22.8
1990	3.0	1.6	3.0	4.6	6.6	10.1	13.2	16.0	18.2	21.7
1989	3.0	1.7	3.0	4.8	7.0	10.2	12.6	15.6	19.7	20.8
1988	2.9	1.7	2.8	4.7	7.1	9.2	12.9	13.9	19.9	20.2
1987	2.9	1.9	2.7	4.7	7.1	9.8	13.4	16.1	18.2	19.9
1986	2.9	1.8	3.0	4.8	7.7	8.8	12.9	16.1	19.1	18.5
1985	2.8	1.5	2.9	4.4	7.2	8.9	12.9	14.3	18.1	18.5
1984	2.6	1.3	3.0	4.4	6.5	8.9	11.7	15.8	16.5	17.9
1983	2.7	1.6	2.9	4.5	6.9	8.6	12.2	14.3	16.6	19.5
1982	2.6	1.8	2.6	4.3	6.6	9.2	11.8	14.3	16.3	17.4
1981	2.5	1.7	2.6	4.6	5.6	9.1	11.8	13.8	16.9	17.4
1980	2.4	1.6	2.8	4.2	6.6	8.9	11.1	12.7	15.1	14.8
1979	2.4	1.6	2.7	4.5	6.4	7.7	11.2	12.8	15.7	15.3
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
White, both sexes										
1998	4.5	2.4	4.7	8.1	11.5	15.9	20.5	23.7	29.7	31.9
1997	4.5	2.6	4.8	7.8	11.8	16.0	19.5	24.2	28.4	32.9
1996	4.5	2.5	4.9	8.3	12.0	15.8	20.2	23.6	28.8	30.8
1995	4.5	2.6	5.0	8.1	12.0	15.4	19.6	25.4	29.1	32.4
1994	4.4	2.6	4.9	7.9	12.2	16.0	19.5	24.6	28.0	30.7
1993	4.3	2.5	5.2	7.6	11.9	15.2	20.1	23.2	27.3	28.2
1992	4.4	2.9	5.0	8.5	11.8	15.3	20.0	24.9	28.6	30.8
1991	4.4	2.5	5.1	8.4	12.3	15.4	19.7	23.7	28.6	29.9
1990	4.2	2.6	5.1	8.3	11.1	15.6	19.8	24.1	27.5	28.2
1989	4.2	3.0	4.7	8.0	11.5	15.0	19.9	23.4	27.8	27.2
1988	4.0	2.8	4.8	7.3	11.6	14.5	19.3	21.9	26.5	26.6
1987	4.2	2.8	5.1	8.3	11.8	15.1	19.7	24.0	25.8	26.2
1986	4.0	2.8	5.2	7.8	11.8	14.0	19.2	22.4	27.1	25.3
1985	3.9	2.7	5.0	7.6	11.2	14.0	18.7	21.7	25.2	24.5
1984	3.8	2.5	5.1	7.6	10.3	14.1	19.2	22.1	24.4	24.6
1983	3.8	2.6	4.9	7.5	11.1	14.6	17.9	22.0	22.8	25.2
1982	3.7	2.9	4.7	7.6	10.3	14.2	18.0	22.1	23.3	24.1
1981	3.6	2.7	4.6	7.3	10.2	13.4	17.3	21.4	22.9	23.3
1980	3.6	2.7	4.9	7.2	10.9	14.1	17.6	20.2	21.8	21.2
1979	3.5	2.7	4.8	7.7	10.3	13.2	17.3	18.8	22.5	21.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
White, male										
1998	5.7	3.7	6.5	11.6	16.2	23.3	28.8	34.5	43.2	49.4
1997	5.6	3.6	6.5	10.9	16.6	22.4	28.5	35.7	42.1	52.0
1996	5.6	3.4	7.1	11.9	17.2	22.4	28.9	34.0	42.4	49.5
1995	5.5	3.7	7.2	11.1	16.7	21.7	27.0	37.7	43.3	50.0
1994	5.5	3.5	7.2	11.5	17.0	22.2	26.9	35.9	40.3	52.8
1993	5.4	3.6	7.6	10.8	17.0	22.0	29.6	33.5	40.4	45.8
1992	5.5	4.2	6.9	12.4	16.4	22.1	28.4	35.8	42.4	49.2
1991	5.4	3.6	7.2	11.0	17.3	21.9	28.9	34.0	43.2	48.1
1990	5.3	3.7	7.3	12.2	16.1	21.9	28.3	36.1	44.2	44.2
1989	5.2	4.4	6.6	11.3	16.5	20.7	29.2	34.5	42.4	43.5
1988	5.0	3.9	7.1	10.2	16.4	20.8	27.7	33.9	38.0	41.3
1987	5.2	3.8	7.6	12.2	16.8	20.9	27.8	36.0	39.5	40.6
1986	5.0	3.7	7.6	10.9	16.3	20.4	27.3	31.6	41.7	41.5
1985	4.8	4.0	6.9	11.0	15.5	20.1	26.1	33.4	38.3	37.6
1984	4.8	3.8	7.2	11.1	14.6	20.0	29.1	31.4	39.2	41.5
1983	4.7	3.7	6.8	10.7	15.5	21.6	25.6	33.3	33.8	38.2
1982	4.7	4.2	6.9	11.3	14.4	20.5	26.0	34.0	36.3	39.1
1981	4.5	3.6	6.8	10.3	15.4	18.2	24.6	33.0	34.2	35.2
1980	4.6	3.8	7.0	10.5	15.6	20.4	26.1	32.1	34.1	34.8
1979	4.4	4.0	7.0	11.2	14.6	19.6	25.3	28.3	34.9	32.9
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
White, female										
1998	3.4	1.2	2.9	4.7	7.2	9.5	13.9	16.2	21.9	25.0
1997	3.4	1.6	3.1	4.8	7.4	10.4	12.5	16.2	20.5	25.5
1996	3.4	1.6	2.7	4.9	7.4	10.2	13.4	16.4	21.1	23.6
1995	3.5	1.5	2.9	5.4	7.8	10.1	13.8	17.0	21.3	25.6
1994	3.4	1.6	2.8	4.4	7.8	10.7	13.8	17.0	21.2	22.3
1993	3.2	1.4	3.0	4.6	7.3	9.6	12.7	16.2	20.2	21.6
1992	3.4	1.6	3.1	4.8	7.7	9.7	13.7	17.6	21.2	23.8
1991	3.4	1.5	3.1	6.1	7.9	10.1	12.7	17.0	20.8	23.0
1990	3.2	1.6	3.0	4.7	6.6	10.4	13.5	16.3	18.7	22.1
1989	3.2	1.6	3.0	4.9	7.0	10.4	13.0	16.2	20.1	21.0
1988	3.1	1.7	2.7	4.7	7.4	9.4	13.2	14.3	20.5	20.9
1987	3.2	1.9	2.7	4.7	7.4	10.4	13.8	16.3	18.7	20.7
1986	3.1	1.8	2.9	4.9	7.8	8.8	13.3	16.6	19.5	19.0
1985	3.0	1.5	3.1	4.5	7.3	9.0	13.4	14.3	18.4	19.3
1984	2.8	1.2	3.0	4.6	6.5	9.3	12.0	16.3	16.7	18.0
1983	2.9	1.6	3.0	4.6	7.2	8.9	12.3	14.9	17.1	20.0
1982	2.7	1.7	2.6	4.2	6.7	9.2	12.2	14.7	16.5	18.0
1981	2.7	1.7	2.6	4.7	5.8	9.4	12.0	14.1	17.0	18.3
1980	2.6	1.6	3.0	4.3	6.8	9.1	11.4	12.8	15.3	15.3
1979	2.5	1.5	2.7	4.6	6.5	8.2	11.5	13.0	16.0	15.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
All other, both sexes										
1998	2.4	2.1	4.7	6.5	8.1	12.5	17.6	21.4	20.0	25.1
1997	2.5	2.1	4.1	7.7	9.8	14.5	17.3	22.2	22.7	24.8
1996	2.4	2.3	4.6	5.5	9.9	11.7	18.1	21.1	24.6	26.2
1995	2.5	2.3	4.5	7.4	11.3	12.2	16.7	20.9	24.4	30.0
1994	2.5	2.7	4.4	7.7	8.6	13.9	18.6	21.0	20.2	27.3
1993	2.4	2.3	5.0	5.7	9.2	13.5	18.9	19.5	25.1	16.0
1992	2.3	2.7	4.1	6.6	8.8	11.6	18.0	17.7	23.8	24.3
1991	2.5	2.3	4.3	7.0	8.8	14.0	21.5	20.5	25.6	23.4
1990	2.5	2.9	4.8	7.1	10.7	13.5	18.0	17.8	20.4	22.7
1989	2.4	2.5	4.8	6.9	9.4	14.2	15.2	17.5	21.3	24.2
1988	2.3	2.2	4.8	7.2	7.8	11.9	17.2	16.6	21.9	16.5
1987	2.2	2.9	4.4	7.0	9.2	11.3	14.9	17.8	19.2	18.3
1986	2.2	2.5	4.2	6.7	9.4	10.8	14.2	16.6	21.2	16.5
1985	2.3	2.7	4.0	6.0	10.1	13.6	13.6	18.5	25.7	14.8
1984	2.1	3.0	4.6	6.2	10.2	10.4	12.6	15.6	17.2	18.0
1983	2.0	2.1	3.7	6.2	10.2	9.8	15.0	11.6	16.4	16.8
1982	2.1	3.4	3.8	6.3	8.8	13.1	14.5	13.7	19.4	12.5
1981	2.0	2.2	4.2	6.8	9.4	10.7	13.2	12.6	17.0	12.1
1980	1.9	2.2	4.4	7.3	8.5	9.7	12.1	13.8	15.3	*
1979	1.9	3.3	4.0	5.9	8.9	9.2	10.5	12.3	12.5	12.6
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
All other, male										
1998	3.2	2.9	7.9	9.7	12.1	19.8	28.0	32.4	31.2	33.5
1997	3.3	3.3	6.2	11.6	14.5	22.4	25.5	33.4	28.4	45.1
1996	3.1	3.4	7.2	8.5	13.9	17.8	25.6	29.5	36.8	37.8
1995	3.0	3.3	6.5	11.8	16.1	16.9	22.8	29.6	31.2	41.1
1994	3.2	4.3	6.8	9.8	14.2	19.7	30.3	31.2	26.7	45.0
1993	3.0	3.0	7.5	8.2	14.4	17.5	28.3	29.1	31.9	28.2
1992	3.0	4.2	6.9	10.8	13.0	18.5	31.1	25.9	31.5	29.2
1991	3.2	3.0	6.1	9.5	14.1	19.0	31.4	32.1	31.6	30.5
1990	3.2	4.3	6.8	10.4	16.4	20.9	28.2	24.1	34.8	34.4
1989	3.0	3.1	6.6	10.3	12.6	21.9	24.7	29.3	32.2	37.0
1988	3.0	3.1	6.6	9.7	11.0	17.6	27.7	26.9	36.8	26.6
1987	2.9	3.7	6.1	9.9	15.1	19.8	21.8	23.3	32.1	33.8
1986	2.8	3.8	5.1	9.7	13.4	14.3	21.1	24.8	32.4	*
1985	3.1	4.2	6.8	8.7	15.5	20.9	20.3	25.7	46.2	*
1984	2.7	3.9	6.2	9.8	15.4	16.6	17.6	24.3	23.8	*
1983	2.6	*	5.5	8.7	16.8	14.5	20.1	16.2	26.8	*
1982	2.7	4.9	5.3	8.8	12.4	18.3	23.2	18.8	27.7	*
1981	2.7	3.4	5.7	10.5	16.4	16.4	17.7	15.1	*	*
1980	2.5	3.2	7.6	12.5	12.7	13.2	17.8	16.7	*	*
1979	2.5	5.1	5.6	8.5	13.1	16.0	13.6	14.1	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
All other, female										
1998	1.7	1.3	2.0	3.7	4.9	7.1	10.5	14.4	14.1	21.6
1997	1.8	*	2.3	4.4	6.0	8.6	11.6	15.1	19.7	16.3
1996	1.9	1.4	2.3	2.9	6.7	7.2	13.0	15.9	18.1	21.3
1995	2.0	1.5	2.7	3.7	7.6	8.6	12.5	15.5	20.7	25.2
1994	1.9	*	2.5	6.0	4.3	9.6	10.7	14.7	16.7	19.7
1993	1.8	1.7	3.0	3.6	5.2	10.5	12.4	13.6	21.4	10.8
1992	1.7	*	*	3.2	5.5	6.5	9.1	12.7	19.5	22.1
1991	2.0	*	2.8	5.0	4.7	10.3	14.7	13.3	22.2	20.3
1990	1.8	*	3.1	4.4	6.4	8.0	11.1	13.9	12.3	17.3
1989	1.8	*	3.4	4.2	7.0	8.5	8.7	10.1	15.1	18.2
1988	1.6	*	3.2	5.1	5.4	7.6	10.1	10.1	13.2	11.8
1987	1.6	2.2	2.9	4.6	4.7	5.0	10.2	14.3	11.7	*
1986	1.8	*	3.5	4.4	6.3	8.2	9.5	11.4	14.8	12.8
1985	1.6	*	*	3.7	5.8	8.0	9.0	13.7	13.9	*
1984	1.6	*	3.3	3.2	6.2	5.8	9.2	9.9	13.4	17.2
1983	1.5	*	*	4.1	4.9	6.2	11.4	8.5	*	*
1982	1.6	*	*	4.3	5.9	9.1	8.2	10.2	14.6	*
1981	1.4	*	3.1	3.8	3.8	6.4	9.8	10.9	15.3	*
1980	1.3	*	*	3.0	5.2	6.9	7.9	11.8	*	*
1979	1.4	*	2.8	3.8	5.5	4.0	8.0	10.9	*	*
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
Black, both sexes										
1998	2.8	2.6	5.4	7.6	9.5	14.2	18.9	21.5	21.3	25.5
1997	3.0	2.3	4.9	9.2	11.0	16.0	20.4	23.4	24.3	26.5
1996	2.8	3.0	5.4	6.5	12.0	13.5	20.4	22.7	22.1	26.7
1995	3.0	2.8	5.3	8.5	12.7	13.6	19.1	22.6	26.3	32.7
1994	2.8	3.3	5.3	8.9	9.0	15.1	20.2	23.1	21.4	28.8
1993	2.8	2.9	6.0	6.6	10.8	15.0	21.1	20.2	26.4	16.2
1992	2.7	3.4	4.6	7.4	10.2	11.9	20.1	19.2	24.4	26.2
1991	2.9	2.9	5.5	7.6	9.7	15.1	23.6	22.2	26.2	24.1
1990	2.9	3.6	5.4	8.4	12.6	15.2	19.4	20.5	21.9	20.7
1989	2.7	3.1	5.8	8.1	10.3	15.9	15.9	19.8	20.6	24.1
1988	2.6	2.7	5.7	7.4	8.8	13.5	18.8	18.0	21.3	16.8
1987	2.5	3.6	5.0	7.9	10.6	12.4	15.3	18.5	18.3	18.8
1986	2.5	3.0	4.2	7.6	9.9	11.8	16.4	17.2	20.8	16.9
1985	2.6	3.0	4.1	6.2	11.4	15.1	14.6	19.4	27.3	16.4
1984	2.4	3.4	4.8	6.9	11.2	10.8	13.4	15.7	17.4	18.4
1983	2.3	2.3	4.1	6.9	10.6	10.6	16.4	12.3	16.3	17.9
1982	2.3	3.8	4.2	7.2	8.7	13.6	15.2	14.3	19.7	12.5
1981	2.2	2.3	4.4	7.3	10.2	11.2	14.5	13.2	18.2	*
1980	2.1	2.5	4.8	7.4	9.6	10.5	12.2	12.9	15.5	*
1979	2.0	3.7	4.6	6.0	8.7	9.2	11.1	11.9	11.9	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
Black, male										
1998	3.7	3.7	9.0	11.6	14.7	22.5	30.9	34.4	38.8	33.5
1997	3.8	3.4	7.6	13.9	16.4	24.8	30.8	33.8	31.9	50.4
1996	3.5	4.2	8.6	10.5	17.5	19.9	27.7	30.7	32.4	37.7
1995	3.5	3.8	7.6	13.9	18.2	18.5	26.5	34.4	38.3	46.2
1994	3.6	5.1	8.4	11.5	15.3	21.3	33.9	34.5	31.0	47.9
1993	3.5	3.7	9.0	9.9	17.2	19.1	32.1	31.4	39.1	32.7
1992	3.4	5.4	7.7	12.1	15.2	19.1	34.6	27.1	33.4	32.2
1991	3.7	3.8	7.8	10.3	15.8	20.6	35.1	36.2	35.9	31.9
1990	3.8	5.7	7.7	12.4	19.6	24.1	30.4	28.0	39.7	31.7
1989	3.5	4.1	8.2	11.9	13.8	24.9	26.2	34.3	33.0	37.9
1988	3.5	3.9	8.2	9.9	12.4	20.2	30.8	28.8	37.2	*
1987	3.2	4.7	6.9	11.3	17.3	22.2	22.1	22.9	31.5	34.4
1986	3.2	4.8	5.8	10.8	14.5	14.9	25.0	27.3	32.2	*
1985	3.5	4.9	6.8	9.5	17.4	24.5	22.8	27.1	50.6	*
1984	3.0	4.7	6.2	11.1	16.4	17.5	18.8	25.1	26.2	*
1983	3.0	*	6.0	9.9	17.4	15.8	23.0	17.6	28.0	*
1982	3.0	5.3	5.9	10.1	12.6	19.2	25.2	19.9	28.8	*
1981	2.9	*	5.9	11.0	17.9	17.1	20.1	16.5	*	*
1980	2.7	*	8.3	12.4	14.8	14.7	17.9	13.7	*	*
1979	2.6	5.7	6.6	9.1	12.6	16.3	14.6	14.9	*	*
Malignant neoplasms of kidney and renal pelvis (189.0,189.1)										
Black, female										
1998	1.9	*	2.5	4.4	5.5	8.0	11.0	13.6	12.7	22.6
1997	2.2	*	2.6	5.5	6.8	9.6	13.5	17.1	20.7	17.3
1996	2.2	1.9	2.6	3.4	7.6	8.8	15.6	17.8	17.1	22.6
1995	2.4	2.0	3.4	4.2	8.6	10.0	14.3	15.5	20.4	27.4
1994	2.1	*	2.8	6.8	4.1	10.5	11.2	16.5	16.6	21.3
1993	2.1	*	3.5	4.0	5.9	12.0	13.8	13.7	20.1	*
1992	2.0	*	*	3.7	6.4	6.8	10.6	14.7	19.9	23.7
1991	2.2	*	3.6	5.5	5.0	11.2	16.1	14.0	21.3	20.8
1990	2.2	*	3.4	5.2	7.2	8.8	12.2	16.1	12.6	16.0
1989	2.0	*	3.8	5.0	7.6	9.3	9.2	11.3	14.1	18.3
1988	1.9	*	3.7	5.5	6.0	8.7	10.8	11.5	12.9	*
1987	1.8	2.8	3.4	5.3	5.5	5.3	10.8	15.9	*	*
1986	2.0	*	*	5.1	6.5	9.6	10.6	11.0	14.5	*
1985	1.8	*	*	3.6	6.7	8.2	9.1	14.7	14.6	*
1984	1.8	*	3.7	3.4	7.2	5.9	9.8	9.8	*	18.6
1983	1.6	*	*	4.4	5.4	6.8	11.9	8.9	*	*
1982	1.8	*	*	4.8	5.7	9.5	8.2	10.8	14.5	*
1981	1.6	*	3.2	4.3	4.2	6.9	10.5	11.1	17.4	*
1980	1.5	*	*	*	5.5	7.4	8.2	12.3	*	*
1979	1.5	*	*	3.5	5.6	*	8.6	9.7	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of bladder (188)										
All races, both sexes										
1998	4.3	0.8	1.7	3.5	6.9	11.3	20.1	30.8	44.7	69.5
1997	4.2	0.8	1.9	3.4	6.7	11.9	19.6	30.1	46.8	68.8
1996	4.3	0.7	1.8	3.3	6.8	12.2	20.5	30.2	46.0	69.3
1995	4.2	0.8	1.6	3.6	6.4	12.0	19.7	30.8	45.1	67.6
1994	4.2	0.8	1.7	3.9	6.5	12.9	20.1	30.8	48.0	67.8
1993	4.2	0.9	1.8	3.4	7.2	13.0	20.0	30.5	45.9	69.0
1992	4.2	0.8	1.7	3.6	7.5	12.1	19.6	31.1	46.4	69.4
1991	4.1	0.7	1.9	3.7	7.6	12.2	20.4	30.0	45.5	67.9
1990	4.2	0.6	1.8	3.5	8.1	12.1	19.6	32.6	46.0	70.5
1989	4.1	0.8	1.6	4.0	7.6	12.1	20.8	31.5	46.4	67.0
1988	4.0	0.7	1.7	3.5	7.1	12.4	21.4	30.2	45.9	66.7
1987	4.0	0.7	1.9	3.7	7.0	11.7	20.4	30.3	47.1	67.7
1986	4.0	0.9	1.8	4.0	6.8	12.3	21.0	31.5	48.7	68.2
1985	4.1	0.8	2.0	3.8	7.4	12.9	22.2	31.9	47.3	72.1
1984	4.1	0.9	2.1	3.8	7.4	12.7	21.9	33.5	49.4	72.1
1983	4.2	0.9	1.7	4.3	7.5	13.5	23.5	33.7	50.5	73.3
1982	4.3	0.9	2.4	4.4	7.8	14.8	22.9	33.9	50.5	74.4
1981	4.3	0.7	2.1	4.2	8.0	14.6	23.8	36.4	51.7	75.3
1980	4.3	1.1	1.7	4.1	8.6	15.0	25.7	35.7	55.3	76.1
1979	4.3	1.1	2.4	3.9	8.4	15.0	24.6	38.1	54.5	74.2
Malignant neoplasm of bladder (188)										
All races, male										
1998	5.9	1.3	2.7	5.5	10.6	18.3	33.2	52.1	80.3	141.8
1997	5.7	1.1	2.9	5.2	10.5	18.8	31.8	51.7	83.0	134.5
1996	5.8	1.1	2.6	5.2	10.4	20.2	33.9	51.9	81.5	142.8
1995	5.8	1.2	2.4	5.3	10.2	19.6	33.5	53.8	82.6	138.9
1994	5.8	1.1	2.6	6.1	10.3	21.0	33.0	53.5	88.6	134.5
1993	5.9	1.3	2.8	5.4	11.5	21.4	33.9	53.2	87.7	141.9
1992	5.7	1.3	2.7	5.5	11.7	19.4	32.0	53.1	87.0	140.2
1991	5.7	1.0	2.9	5.7	12.3	20.1	35.0	52.0	86.6	134.9
1990	5.7	0.9	2.9	5.4	12.8	19.2	33.7	58.0	83.7	139.6
1989	5.7	1.1	2.4	6.4	12.0	19.7	35.7	57.6	86.5	130.8
1988	5.5	1.0	2.6	5.5	11.8	19.8	36.2	53.2	87.1	125.1
1987	5.5	0.9	2.5	5.7	11.6	19.7	34.6	55.6	90.9	127.2
1986	5.6	1.1	2.8	6.3	10.5	20.7	35.8	54.9	95.2	133.1
1985	5.8	1.1	3.0	6.1	12.0	21.5	37.7	57.9	89.5	145.5
1984	5.8	1.3	3.1	5.8	11.9	21.3	37.9	60.3	92.2	142.2
1983	5.9	1.2	2.6	6.7	12.6	22.0	40.3	60.1	98.5	145.9
1982	6.0	1.2	3.8	6.7	12.5	25.3	39.2	63.8	94.3	143.0
1981	6.0	1.1	3.4	6.7	12.8	23.9	42.1	64.4	95.5	144.5
1980	6.1	1.2	2.4	6.5	13.3	24.7	45.6	65.3	104.1	141.6
1979	6.1	1.7	3.7	6.1	13.3	25.2	44.4	69.3	101.0	138.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of bladder (188)										
All races, female										
1998	2.7	0.4	0.7	1.7	3.5	5.4	10.0	15.9	24.1	40.8
1997	2.8	0.5	0.9	1.7	3.4	6.2	10.2	15.2	26.2	43.0
1996	2.7	0.4	1.0	1.5	3.7	5.5	10.2	15.4	26.0	40.8
1995	2.6	0.5	0.7	2.0	3.0	5.7	9.2	15.3	24.3	40.2
1994	2.8	0.5	0.9	1.9	3.1	6.3	10.2	15.5	25.8	42.2
1993	2.6	0.6	0.9	1.5	3.4	6.0	9.4	15.4	23.3	41.2
1992	2.7	0.4	0.8	1.9	3.8	6.1	10.1	16.6	24.6	42.4
1991	2.6	0.4	1.0	1.9	3.4	5.8	9.4	15.7	23.6	42.3
1990	2.7	0.4	0.8	1.9	4.0	6.3	9.1	16.3	25.9	43.9
1989	2.6	0.5	1.0	1.8	3.7	6.0	9.8	14.7	25.1	42.2
1988	2.6	0.5	0.8	1.6	3.1	6.4	10.6	15.6	24.2	43.9
1987	2.5	0.4	1.4	1.8	3.1	5.1	9.9	14.3	24.0	44.3
1986	2.5	0.6	0.9	1.9	3.5	5.5	10.3	16.7	24.3	42.4
1985	2.5	0.4	1.2	1.7	3.4	5.9	11.0	15.6	25.1	42.8
1984	2.6	0.5	1.1	2.1	3.5	5.7	10.4	16.7	26.9	43.7
1983	2.6	0.6	0.9	2.3	3.2	6.6	11.3	17.2	25.2	43.6
1982	2.6	0.6	1.2	2.2	3.7	6.3	11.1	15.2	27.4	45.8
1981	2.6	0.4	0.9	1.9	3.8	7.0	10.5	18.8	28.4	45.8
1980	2.7	0.9	1.0	1.9	4.6	7.3	11.3	17.1	29.3	47.4
1979	2.6	0.6	1.2	2.0	4.2	6.8	10.3	18.5	29.5	45.5
Malignant neoplasm of bladder (188)										
White, both sexes										
1998	4.7	0.8	1.7	3.6	7.0	11.9	20.7	31.5	45.9	71.1
1997	4.7	0.9	2.0	3.5	6.9	12.4	20.0	30.8	47.8	70.0
1996	4.7	0.8	1.8	3.2	7.1	12.5	20.8	31.1	47.0	70.5
1995	4.6	0.8	1.6	3.8	6.4	12.4	20.2	31.8	45.9	68.6
1994	4.7	0.8	1.7	4.0	6.6	13.3	20.6	31.1	48.7	68.6
1993	4.6	1.0	1.7	3.4	7.4	13.3	20.4	30.8	46.6	70.9
1992	4.6	0.9	1.7	3.6	7.7	12.2	19.8	31.7	46.7	70.3
1991	4.5	0.7	1.8	3.6	7.8	12.6	20.4	30.3	46.2	69.2
1990	4.5	0.6	1.8	3.6	8.1	12.2	19.8	32.6	47.3	72.2
1989	4.4	0.8	1.6	4.0	7.7	12.2	20.7	31.7	47.2	67.5
1988	4.3	0.7	1.6	3.4	7.2	12.5	22.0	30.5	46.5	67.7
1987	4.3	0.7	1.8	3.6	7.0	11.8	20.5	30.6	47.3	69.5
1986	4.3	0.8	1.8	4.0	6.8	12.5	21.1	31.9	50.1	69.7
1985	4.4	0.7	2.0	3.8	7.4	13.0	22.3	32.4	48.1	73.8
1984	4.4	0.9	2.1	3.9	7.1	12.7	21.9	33.7	50.1	73.9
1983	4.5	0.9	1.7	4.3	7.5	13.5	23.7	34.3	51.3	75.3
1982	4.5	0.9	2.4	4.2	7.8	14.6	22.9	34.6	51.7	76.4
1981	4.6	0.7	2.0	4.2	7.9	14.5	23.7	37.2	52.4	77.9
1980	4.6	0.9	1.7	4.0	8.6	15.1	25.7	36.6	56.3	78.0
1979	4.6	1.1	2.3	3.7	8.3	15.0	25.0	38.1	55.7	76.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of bladder (188)										
White, male										
1998	6.6	1.2	2.7	5.6	11.1	19.5	34.5	54.0	83.1	148.5
1997	6.5	1.2	3.1	5.4	11.0	19.7	32.8	53.6	85.9	139.6
1996	6.5	1.1	2.7	5.2	11.0	20.9	34.8	54.0	84.5	149.5
1995	6.5	1.2	2.5	5.6	10.3	20.5	34.9	56.4	85.9	143.7
1994	6.5	1.1	2.6	6.4	10.7	21.7	34.3	54.8	90.8	140.1
1993	6.5	1.3	2.8	5.5	12.0	22.5	34.8	54.0	90.4	148.4
1992	6.3	1.4	2.8	5.6	12.2	20.1	32.9	54.8	88.2	144.7
1991	6.3	1.1	2.8	5.8	12.8	20.9	35.6	52.9	89.6	141.1
1990	6.3	0.8	3.0	5.4	13.2	19.6	34.4	58.4	88.0	146.9
1989	6.2	1.2	2.3	6.5	12.5	20.2	36.0	58.7	89.2	134.9
1988	6.0	1.0	2.6	5.6	12.1	20.3	37.7	54.3	90.4	130.8
1987	6.0	1.0	2.4	5.8	11.7	20.3	35.6	57.2	92.9	132.7
1986	6.1	1.0	2.9	6.5	10.8	21.5	36.7	56.1	100.4	139.9
1985	6.3	1.2	2.9	6.3	12.2	21.9	38.2	59.5	92.0	151.9
1984	6.2	1.3	3.2	6.0	11.8	21.5	38.4	61.6	95.3	149.3
1983	6.4	1.2	2.6	6.8	12.8	22.3	40.9	62.2	101.6	152.2
1982	6.5	1.3	3.8	6.7	12.9	25.1	39.9	66.1	99.3	149.5
1981	6.5	1.2	3.3	6.9	12.8	24.3	43.0	66.3	98.5	152.0
1980	6.6	1.2	2.4	6.5	13.5	25.0	46.9	68.4	108.5	149.0
1979	6.6	1.6	3.6	5.9	13.5	25.6	45.3	71.1	105.1	144.6
Malignant neoplasm of bladder (188)										
White, female										
1998	2.9	0.4	0.6	1.7	3.2	5.3	9.9	15.7	24.2	40.5
1997	3.0	0.5	0.9	1.7	3.2	6.1	10.1	15.0	25.9	42.9
1996	2.9	0.4	1.0	1.4	3.5	5.4	9.9	15.3	25.9	40.2
1995	2.8	0.5	0.8	2.1	2.8	5.6	8.8	15.0	23.6	39.9
1994	2.9	0.5	0.9	1.8	2.9	6.3	10.0	15.1	25.6	41.5
1993	2.8	0.6	0.7	1.5	3.3	5.7	9.4	15.3	22.9	41.6
1992	2.9	0.4	0.8	1.8	3.7	5.8	9.8	16.4	24.4	42.3
1991	2.8	0.4	0.9	1.6	3.3	5.8	8.9	15.5	23.2	42.1
1990	2.8	*	0.7	1.8	3.7	6.1	8.8	16.0	25.8	43.8
1989	2.7	0.4	1.0	1.7	3.4	5.6	9.3	14.4	25.1	41.7
1988	2.7	0.5	0.7	1.4	2.9	6.1	10.4	15.2	23.5	43.5
1987	2.6	0.5	1.2	1.6	3.0	4.8	9.4	13.8	23.6	45.0
1986	2.6	0.6	0.8	1.6	3.4	5.2	9.7	16.6	24.0	42.3
1985	2.7	*	1.2	1.6	3.3	5.6	10.8	15.4	25.2	43.2
1984	2.7	0.4	1.0	2.0	3.1	5.5	9.9	16.3	26.5	44.0
1983	2.7	0.6	0.8	2.0	2.9	6.3	11.1	16.8	25.0	44.4
1982	2.7	0.5	1.1	1.9	3.3	6.1	10.5	15.0	26.8	46.5
1981	2.7	*	0.8	1.7	3.6	6.6	9.8	19.1	28.2	46.9
1980	2.8	0.7	1.0	1.8	4.4	7.0	10.5	16.8	28.9	47.4
1979	2.7	0.6	1.1	1.7	3.8	6.4	10.4	17.7	29.5	46.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of bladder (188)										
All other, both sexes										
1998	2.0	0.8	1.8	3.1	6.1	7.4	15.3	24.4	32.2	53.4
1997	2.0	*	1.4	2.7	5.6	8.8	15.8	23.5	37.2	56.6
1996	2.1	*	1.5	3.7	5.2	10.2	17.6	22.4	35.4	57.3
1995	2.0	*	1.2	2.3	6.6	9.3	15.5	21.7	36.9	57.9
1994	2.2	*	1.9	3.2	5.4	10.0	15.8	27.3	41.1	59.1
1993	2.1	0.9	2.3	3.4	5.6	10.0	16.1	26.8	39.5	50.3
1992	2.2	*	1.5	3.8	5.8	10.5	17.1	24.8	43.8	60.5
1991	2.2	*	2.3	4.4	6.1	9.3	20.0	27.1	37.9	54.1
1990	2.3	*	1.8	3.3	7.9	11.4	18.1	32.5	32.4	53.0
1989	2.4	*	1.8	3.7	6.6	11.7	21.9	28.8	37.4	62.1
1988	2.2	*	2.2	3.9	6.3	11.5	15.8	28.0	40.0	56.0
1987	2.3	*	2.4	4.0	6.6	10.7	19.0	27.4	44.5	49.2
1986	2.2	*	1.9	4.3	6.1	10.5	20.2	28.0	33.3	51.9
1985	2.3	*	2.3	3.7	7.2	12.3	21.4	26.9	38.7	53.8
1984	2.5	*	1.7	3.5	9.6	12.7	22.0	31.4	42.1	51.6
1983	2.5	*	2.2	5.0	7.5	13.4	22.0	28.3	42.0	51.0
1982	2.6	*	2.8	5.6	8.4	16.6	23.1	27.5	37.3	51.5
1981	2.6	*	2.9	4.6	9.2	15.2	24.4	28.6	43.6	45.3
1980	2.5	1.8	1.8	4.2	8.7	14.8	24.8	26.7	43.2	53.5
1979	2.7	1.5	3.0	5.7	9.1	14.9	20.9	38.2	40.2	49.4
Malignant neoplasm of bladder (188)										
All other, male										
1998	2.3	*	2.3	4.7	7.4	9.1	21.9	34.5	50.5	78.7
1997	2.3	*	*	3.9	7.1	12.0	23.0	33.4	52.1	87.4
1996	2.4	*	2.2	5.4	6.0	14.9	25.0	31.8	50.6	81.5
1995	2.3	*	*	3.4	9.3	12.8	19.9	28.4	47.5	94.3
1994	2.5	*	2.3	3.9	7.3	15.3	21.0	40.4	65.7	81.7
1993	2.6	*	2.5	5.1	7.9	12.4	24.9	44.5	60.8	81.2
1992	2.6	*	*	4.9	7.8	13.2	23.9	35.4	74.6	99.0
1991	2.6	*	3.3	5.2	8.7	13.5	28.7	42.7	56.8	76.3
1990	2.7	*	*	5.0	9.9	15.7	27.2	54.1	41.2	71.3
1989	2.9	*	3.0	5.3	7.7	15.2	33.2	46.8	59.5	92.6
1988	2.5	*	*	5.0	8.5	15.2	21.9	42.5	54.7	72.2
1987	2.7	*	*	5.1	10.1	15.1	25.7	40.9	71.4	75.3
1986	2.5	*	*	4.4	8.3	13.6	27.0	43.8	42.6	69.3
1985	2.9	*	3.5	5.0	10.2	17.8	32.7	42.2	64.4	84.9
1984	3.0	*	*	4.3	13.0	19.6	32.8	49.0	60.4	75.0
1983	3.1	*	*	6.1	10.3	18.8	34.8	40.1	66.0	85.5
1982	3.1	*	3.6	6.8	9.5	27.4	31.8	42.9	42.6	79.1
1981	3.2	*	4.2	5.1	13.6	21.0	33.9	46.8	63.7	70.3
1980	2.9	*	*	6.3	10.9	21.3	32.7	36.3	57.3	65.8
1979	3.5	*	4.3	7.4	11.4	21.4	35.2	53.8	57.0	79.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of bladder (188)										
All other, female										
1998	1.8	*	*	*	5.1	6.2	10.8	18.0	22.5	42.8
1997	1.8	*	*	*	4.5	6.4	10.9	17.2	29.3	43.6
1996	1.8	*	*	2.4	4.6	6.8	12.6	16.6	27.3	47.1
1995	1.8	*	*	*	4.4	6.7	12.5	17.5	31.3	42.3
1994	1.9	*	*	2.6	3.9	6.1	12.2	19.3	27.9	49.4
1993	1.7	*	2.2	*	3.8	8.2	10.0	16.0	27.9	37.0
1992	1.8	*	*	2.9	4.3	8.5	12.4	18.3	26.7	43.8
1991	1.9	*	*	3.8	4.0	6.2	14.1	17.4	27.5	44.2
1990	1.9	*	*	*	6.4	8.2	11.9	19.1	27.4	44.7
1989	1.9	*	*	*	5.7	9.0	14.1	17.5	25.0	47.7
1988	2.0	*	*	3.0	4.6	8.8	11.6	18.7	31.4	48.5
1987	1.8	*	*	3.1	3.8	7.5	14.5	18.8	29.1	36.8
1986	2.0	*	*	4.2	4.4	8.2	15.6	17.9	28.0	43.6
1985	1.8	*	*	*	4.9	8.2	13.6	16.9	23.9	38.7
1984	2.0	*	*	2.8	6.9	7.6	14.6	19.7	31.4	40.0
1983	1.9	*	*	4.1	5.4	9.4	13.0	20.4	27.9	33.8
1982	2.1	*	*	4.6	7.5	8.6	16.7	17.2	34.4	37.6
1981	2.0	*	*	4.1	5.7	10.8	17.3	16.4	31.3	32.3
1980	2.2	*	*	*	7.0	9.9	19.0	20.2	34.5	47.2
1979	2.0	*	*	4.2	7.2	9.8	10.1	26.7	29.7	34.2
Malignant neoplasm of bladder (188)										
Black, both sexes										
1998	2.5	1.0	2.2	3.9	7.1	8.4	17.9	28.8	36.0	59.6
1997	2.5	*	1.9	3.1	7.3	10.9	18.0	27.1	41.0	61.4
1996	2.6	*	2.0	4.6	6.0	12.1	20.9	26.1	40.6	61.8
1995	2.5	*	1.5	2.7	7.6	11.3	19.0	25.5	41.9	62.4
1994	2.6	*	2.5	3.6	6.1	11.8	19.2	31.1	45.5	63.9
1993	2.6	*	3.0	4.3	6.5	12.0	18.2	29.9	41.4	53.3
1992	2.7	*	2.0	4.4	7.2	11.9	19.8	27.1	46.6	64.8
1991	2.7	*	3.0	5.5	6.9	10.5	23.0	30.0	41.3	60.8
1990	2.8	*	2.2	4.2	9.6	13.3	21.0	36.6	35.7	55.7
1989	2.8	*	1.8	4.6	7.7	13.3	24.7	33.2	40.8	65.0
1988	2.6	*	2.5	4.6	7.3	13.4	17.2	30.9	43.0	59.3
1987	2.7	*	3.0	4.4	7.8	11.8	22.0	30.0	49.0	51.0
1986	2.6	*	2.2	5.3	7.0	11.7	23.0	31.3	36.1	53.7
1985	2.7	*	2.8	4.3	8.5	14.0	23.9	29.6	42.4	53.3
1984	2.9	*	1.9	4.1	11.0	14.2	24.8	33.7	47.0	55.3
1983	2.9	*	2.4	5.7	8.9	15.3	25.1	31.0	43.6	54.9
1982	3.0	*	3.2	6.2	9.6	18.9	25.3	30.0	40.4	54.5
1981	3.0	*	3.4	5.3	10.6	17.1	26.9	30.8	47.8	48.8
1980	2.8	1.8	1.9	4.7	9.8	16.4	27.3	29.4	46.0	54.1
1979	3.0	1.8	3.5	6.2	9.9	16.3	22.0	40.4	41.3	48.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasm of bladder (188)										
Black, male										
1998	2.7	*	2.8	6.0	8.1	9.6	23.6	41.5	57.7	87.3
1997	2.7	*	*	4.4	9.4	14.7	25.5	39.2	61.1	103.3
1996	2.9	*	3.2	6.9	6.4	17.0	30.9	36.8	60.2	85.4
1995	2.7	*	*	*	10.8	15.3	24.0	34.4	54.1	105.3
1994	3.0	*	*	5.0	8.6	17.6	25.9	47.4	74.1	90.4
1993	3.0	*	*	6.4	9.3	14.5	27.0	52.3	66.7	87.2
1992	3.1	*	*	5.7	9.6	13.9	27.5	40.9	84.4	109.3
1991	3.2	*	4.5	6.9	9.7	15.7	34.3	50.2	64.8	87.0
1990	3.2	*	*	6.5	11.7	18.3	31.2	61.6	47.8	78.5
1989	3.4	*	*	6.7	8.6	16.5	38.9	55.6	68.0	98.5
1988	2.9	*	*	6.2	9.8	17.3	24.0	48.6	59.6	76.9
1987	3.2	*	*	5.3	12.0	16.4	30.5	46.9	80.4	78.1
1986	2.9	*	*	5.5	9.2	15.5	31.5	50.0	46.7	74.6
1985	3.4	*	4.2	5.9	11.9	20.4	36.6	46.5	72.4	83.9
1984	3.5	*	*	4.8	15.2	22.0	37.1	53.3	67.9	78.7
1983	3.6	*	*	7.1	12.4	21.2	41.0	43.6	70.7	93.3
1982	3.6	*	4.0	7.4	11.1	31.7	35.5	49.1	43.8	81.0
1981	3.7	*	4.9	6.1	15.8	23.4	38.1	50.6	70.1	76.8
1980	3.3	*	*	7.3	12.2	24.1	36.7	39.9	62.6	62.3
1979	3.9	*	5.0	7.8	12.6	24.0	38.9	59.0	59.7	84.6
Malignant neoplasm of bladder (188)										
Black, female										
1998	2.3	*	*	*	6.3	7.5	14.2	21.1	25.5	49.2
1997	2.2	*	*	*	5.6	8.0	13.1	19.8	31.3	45.4
1996	2.3	*	*	*	5.7	8.4	14.4	19.6	31.1	52.8
1995	2.3	*	*	*	5.2	8.3	15.7	20.2	35.9	45.8
1994	2.3	*	*	*	4.1	7.4	14.8	21.5	31.4	53.6
1993	2.1	*	2.8	*	4.3	10.2	12.3	16.9	28.7	39.9
1992	2.3	*	*	3.4	5.4	10.5	14.7	19.1	27.4	46.9
1991	2.2	*	*	4.4	4.8	6.8	15.6	18.2	29.4	50.0
1990	2.4	*	*	*	7.9	9.6	14.3	22.0	29.5	46.0
1989	2.3	*	*	*	7.1	11.0	15.4	19.9	26.5	51.0
1988	2.4	*	*	*	5.5	10.5	12.6	20.3	34.3	51.7
1987	2.2	*	*	3.6	4.6	8.4	16.4	19.7	32.2	38.9
1986	2.3	*	*	5.1	5.4	9.0	17.3	19.9	30.3	44.2
1985	2.1	*	*	*	6.0	9.3	15.6	19.0	25.9	39.1
1984	2.3	*	*	3.4	7.8	8.5	16.6	21.4	35.5	44.2
1983	2.2	*	*	4.4	6.2	11.0	14.4	22.8	28.3	36.3
1982	2.4	*	*	5.3	8.5	9.5	18.2	17.9	38.4	41.5
1981	2.3	*	*	4.7	6.4	12.4	19.0	18.0	34.8	34.5
1980	2.5	*	*	*	8.0	10.8	20.6	22.6	36.0	50.0
1979	2.2	*	*	4.9	7.7	10.6	9.9	27.5	29.8	30.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
All races, both sexes										
1998	4.6	4.3	6.2	9.0	11.9	15.9	19.0	20.3	20.2	15.8
1997	4.6	4.2	6.2	9.0	12.4	15.5	18.9	20.8	20.0	15.8
1996	4.6	4.3	6.8	9.4	12.8	15.7	18.7	20.1	18.7	14.9
1995	4.5	4.8	6.2	9.1	12.2	15.7	18.6	20.0	19.4	14.8
1994	4.7	4.6	6.6	9.5	12.8	16.3	19.8	19.8	19.7	14.3
1993	4.6	4.5	6.7	9.8	11.8	15.9	19.6	20.4	19.1	14.4
1992	4.7	4.7	7.1	9.5	12.7	16.4	19.1	19.0	20.4	14.3
1991	4.7	4.8	7.2	10.1	13.5	15.9	18.3	20.2	20.3	14.7
1990	4.7	4.6	6.9	9.6	13.2	16.7	19.1	21.1	18.8	14.2
1989	4.5	4.1	7.0	9.6	13.0	15.7	18.8	19.9	18.3	12.3
1988	4.5	4.7	6.9	9.9	12.6	15.5	18.5	19.0	16.9	12.7
1987	4.5	4.6	7.2	9.6	13.3	15.9	18.6	18.5	16.2	12.0
1986	4.3	4.3	6.4	9.0	12.4	15.7	17.9	17.7	16.7	10.3
1985	4.3	4.4	6.6	9.3	13.1	14.8	18.2	17.8	15.5	10.5
1984	4.3	4.5	6.3	10.0	13.0	16.0	17.0	18.1	14.6	10.0
1983	4.1	4.1	6.6	9.5	12.7	15.1	16.1	16.7	14.0	9.1
1982	4.2	4.2	6.5	9.6	12.6	15.3	16.3	16.9	14.8	8.4
1981	4.1	4.2	6.6	10.0	12.9	14.9	16.4	15.7	13.4	7.7
1980	4.1	4.5	7.0	9.6	12.5	15.2	17.1	15.2	12.4	6.4
1979	4.0	4.7	6.8	9.5	12.2	15.0	15.8	14.2	10.7	5.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
All races, male										
1998	5.1	5.4	7.5	11.1	14.2	19.5	22.8	24.9	25.6	20.0
1997	5.0	5.3	7.3	10.4	14.6	18.6	22.6	26.0	23.0	22.0
1996	5.1	5.4	8.3	11.6	15.2	18.7	23.4	24.1	23.1	19.6
1995	5.0	6.0	7.4	11.2	14.6	18.8	21.7	23.8	25.3	19.7
1994	5.2	5.5	8.4	12.0	15.6	19.4	24.3	23.4	23.5	17.3
1993	5.2	5.6	8.0	12.6	14.1	19.4	23.4	26.0	23.8	19.2
1992	5.1	5.7	8.8	11.6	15.5	19.8	23.1	23.3	24.8	20.0
1991	5.2	5.8	9.0	12.2	16.2	19.1	21.7	25.3	24.7	20.0
1990	5.2	5.8	8.9	11.4	16.5	20.8	23.2	25.7	23.9	17.1
1989	5.0	5.2	8.9	11.4	16.3	18.3	22.8	24.8	24.3	18.4
1988	5.1	5.9	8.4	12.1	15.9	20.2	23.0	24.1	21.8	18.1
1987	4.9	5.4	8.6	11.6	15.4	19.6	23.5	21.3	20.6	15.0
1986	4.9	5.7	8.0	11.0	15.3	19.7	21.5	21.9	20.2	14.1
1985	4.8	5.7	8.1	11.4	15.4	17.2	22.2	22.4	20.3	14.3
1984	4.8	5.5	7.7	12.1	15.2	20.1	21.2	22.6	18.6	13.0
1983	4.6	5.2	8.3	11.7	14.8	18.5	19.0	20.1	17.3	11.7
1982	4.6	5.0	7.9	11.5	15.0	18.3	19.2	22.3	19.5	10.6
1981	4.6	5.1	8.0	12.4	15.8	17.9	20.3	18.9	17.4	10.6
1980	4.8	5.7	8.7	12.2	15.5	19.3	20.6	19.1	16.1	7.9
1979	4.6	5.8	8.3	11.4	14.2	18.9	20.4	18.5	13.6	6.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
All races, female										
1998	4.1	3.3	4.9	7.0	9.8	12.9	16.0	17.1	17.1	14.2
1997	4.1	3.1	5.1	7.7	10.3	12.8	16.1	17.3	18.3	13.4
1996	4.1	3.3	5.4	7.4	10.7	13.2	15.2	17.4	16.2	13.1
1995	4.1	3.7	5.0	7.3	10.1	13.1	16.2	17.4	16.2	12.8
1994	4.2	3.6	4.9	7.3	10.3	13.7	16.4	17.4	17.6	13.2
1993	4.1	3.4	5.4	7.2	9.8	13.1	16.8	16.7	16.5	12.6
1992	4.2	3.7	5.5	7.6	10.3	13.6	16.1	16.3	18.0	12.1
1991	4.3	3.8	5.4	8.2	11.1	13.4	15.8	16.9	18.0	12.7
1990	4.2	3.5	5.1	7.9	10.3	13.3	16.1	18.0	16.0	13.1
1989	4.0	3.0	5.3	7.9	10.2	13.5	15.8	16.7	15.1	9.9
1988	3.9	3.5	5.4	8.0	9.7	11.7	15.2	15.7	14.3	10.6
1987	4.0	3.8	5.8	7.8	11.6	13.0	15.0	16.8	13.9	10.9
1986	3.8	2.9	4.9	7.1	9.9	12.5	15.2	15.0	14.9	8.8
1985	3.8	3.2	5.2	7.3	11.0	12.9	15.4	15.0	13.0	9.0
1984	3.8	3.5	5.1	8.1	11.1	12.7	14.0	15.3	12.6	8.8
1983	3.7	3.2	5.0	7.6	11.0	12.4	14.0	14.6	12.3	8.0
1982	3.7	3.4	5.3	7.9	10.5	12.8	14.2	13.6	12.3	7.4
1981	3.6	3.2	5.3	7.9	10.4	12.5	13.6	13.7	11.2	6.4
1980	3.5	3.4	5.5	7.3	9.8	12.0	14.5	12.8	10.5	5.7
1979	3.4	3.6	5.5	7.8	10.5	11.8	12.4	11.5	9.1	4.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
White, both sexes										
1998	5.2	4.7	6.7	9.8	12.9	17.2	20.0	21.4	21.0	16.7
1997	5.1	4.6	6.7	9.7	13.2	16.6	19.9	22.0	21.2	16.3
1996	5.2	4.7	7.4	10.3	13.9	16.8	19.7	21.2	19.7	15.7
1995	5.1	5.2	6.8	9.6	13.2	16.8	19.7	21.0	20.2	15.4
1994	5.3	4.9	7.3	10.3	13.9	17.5	20.9	20.9	20.6	14.9
1993	5.1	4.8	7.3	10.7	12.7	16.7	20.6	21.3	20.0	14.9
1992	5.2	5.0	7.6	10.3	13.7	17.6	20.2	20.1	21.4	14.8
1991	5.3	5.2	7.7	10.9	14.4	16.9	19.2	21.4	21.3	15.4
1990	5.2	4.9	7.4	10.3	14.0	17.8	20.2	22.2	19.6	14.6
1989	5.0	4.4	7.5	10.3	13.8	16.7	19.6	20.9	19.3	12.9
1988	4.9	5.0	7.3	10.6	13.3	16.4	19.3	19.9	17.8	13.2
1987	4.9	4.9	7.7	10.1	14.1	16.9	19.7	19.6	17.1	12.5
1986	4.7	4.6	6.8	9.5	13.2	16.6	18.8	18.6	17.3	10.8
1985	4.8	4.7	7.0	9.8	13.9	15.6	19.4	18.9	16.2	11.3
1984	4.7	4.8	6.8	10.5	13.8	17.0	18.0	19.2	15.3	10.5
1983	4.5	4.6	7.0	10.1	13.2	16.0	17.1	17.7	14.6	9.4
1982	4.5	4.4	6.9	10.1	13.1	16.2	17.4	17.9	15.2	8.8
1981	4.5	4.4	7.0	10.6	13.6	15.7	17.3	16.7	14.0	7.8
1980	4.5	4.9	7.5	10.1	13.0	16.1	18.0	16.2	13.2	6.7
1979	4.3	4.9	7.1	10.1	12.9	15.8	16.6	14.8	11.2	5.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
White, male										
1998	5.7	5.7	8.1	12.1	15.2	21.0	23.8	26.0	26.7	21.2
1997	5.7	5.8	7.8	11.1	15.7	19.8	23.7	27.6	24.4	22.9
1996	5.7	5.9	8.9	12.7	16.3	19.9	24.6	25.2	24.2	20.9
1995	5.6	6.5	8.1	11.7	15.7	20.0	22.8	24.8	26.4	20.9
1994	5.8	6.0	9.1	12.6	16.8	21.0	25.4	24.6	24.7	18.5
1993	5.7	6.0	8.6	13.6	14.9	20.1	24.3	27.6	24.8	20.4
1992	5.7	6.0	9.4	12.5	16.7	21.2	24.4	24.3	26.2	21.3
1991	5.8	6.4	9.6	13.0	17.2	19.9	22.9	26.7	26.0	21.1
1990	5.8	6.1	9.4	12.1	17.4	22.0	24.1	27.2	25.0	18.3
1989	5.6	5.7	9.4	12.3	17.2	19.4	23.4	26.1	25.5	19.3
1988	5.6	6.2	9.0	12.9	16.6	21.2	24.3	25.4	23.3	19.0
1987	5.4	5.9	9.1	11.9	16.2	20.4	24.9	22.5	22.0	16.2
1986	5.3	6.1	8.5	11.5	16.1	20.7	22.4	23.0	21.0	15.1
1985	5.3	6.0	8.4	12.0	16.2	17.9	23.5	23.7	21.7	15.4
1984	5.3	5.9	8.0	12.5	15.9	21.2	22.4	24.1	19.6	14.1
1983	5.1	5.8	9.0	12.3	15.4	19.5	20.0	21.3	17.7	12.5
1982	5.1	5.2	8.2	11.9	15.6	19.2	20.6	23.5	20.3	11.4
1981	5.0	5.5	8.4	13.2	16.4	18.7	21.4	19.9	18.3	10.8
1980	5.2	6.2	9.2	12.8	16.2	20.3	21.8	20.3	17.0	8.4
1979	4.9	6.0	8.6	12.1	15.1	20.0	21.7	19.2	14.3	6.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
White, female										
1998	4.6	3.7	5.4	7.7	10.7	13.9	17.0	18.1	17.6	14.9
1997	4.6	3.4	5.5	8.3	10.8	13.9	17.0	18.1	19.4	13.7
1996	4.6	3.5	5.9	8.1	11.7	14.2	15.9	18.4	17.1	13.7
1995	4.5	4.0	5.5	7.6	10.9	14.1	17.2	18.4	16.7	13.2
1994	4.7	3.9	5.6	8.1	11.3	14.6	17.4	18.3	18.4	13.6
1993	4.6	3.6	6.0	7.9	10.7	13.9	17.7	17.1	17.4	12.9
1992	4.7	3.9	5.9	8.2	11.0	14.7	17.0	17.2	18.8	12.4
1991	4.8	4.1	5.8	9.0	11.8	14.4	16.5	17.9	18.8	13.2
1990	4.6	3.8	5.5	8.5	11.0	14.3	17.3	18.9	16.7	13.2
1989	4.5	3.2	5.7	8.5	10.8	14.4	16.8	17.6	16.0	10.4
1988	4.3	3.8	5.7	8.5	10.4	12.5	15.5	16.5	14.9	10.9
1987	4.5	3.9	6.3	8.4	12.3	14.0	15.8	17.7	14.5	11.1
1986	4.1	3.2	5.2	7.6	10.7	13.2	16.2	15.8	15.4	9.1
1985	4.3	3.3	5.6	7.8	11.8	13.6	16.4	15.8	13.4	9.6
1984	4.2	3.7	5.6	8.6	11.9	13.5	14.7	16.1	13.0	9.0
1983	4.1	3.5	5.1	8.1	11.4	13.1	14.9	15.5	12.9	8.2
1982	4.1	3.6	5.8	8.4	11.0	13.7	15.1	14.4	12.6	7.7
1981	4.0	3.5	5.7	8.3	11.1	13.3	14.3	14.6	11.7	6.6
1980	3.8	3.6	5.9	7.6	10.3	12.8	15.2	13.6	11.2	6.0
1979	3.7	3.9	5.7	8.2	11.1	12.4	12.9	12.1	9.5	4.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
All other, both sexes										
1998	1.9	2.5	3.0	4.2	5.8	7.3	10.7	10.7	12.2	7.5
1997	2.0	2.1	3.4	5.2	7.3	7.3	10.9	10.5	8.2	11.7
1996	1.8	2.2	3.4	3.9	5.8	7.6	10.7	9.9	8.7	7.2
1995	2.0	2.7	2.6	6.5	5.9	7.6	9.2	10.3	12.1	8.7
1994	1.9	2.3	2.7	5.0	5.4	7.3	10.7	9.9	10.1	8.2
1993	2.0	2.9	3.0	4.4	5.4	9.6	11.1	11.9	9.9	9.1
1992	1.9	3.1	4.3	4.7	5.7	6.6	9.1	9.4	9.8	8.9
1991	2.0	2.1	4.0	5.1	6.9	8.1	10.2	9.6	10.1	7.6
1990	2.0	2.9	3.8	4.9	7.4	7.6	9.1	10.4	10.2	10.0
1989	1.9	1.9	4.1	4.6	7.3	7.1	11.1	10.1	7.2	*
1988	2.0	2.9	3.8	5.2	7.1	7.3	11.4	10.1	7.8	*
1987	1.9	2.5	3.7	6.5	7.1	7.6	8.7	8.9	6.8	*
1986	2.0	2.5	3.8	5.2	6.2	8.4	9.1	9.0	10.4	*
1985	1.8	2.9	4.3	5.1	6.2	8.3	7.5	7.9	7.4	*
1984	1.8	2.5	3.5	6.6	6.7	7.4	8.3	7.9	7.3	*
1983	1.8	*	3.6	5.0	8.5	7.3	7.2	7.3	8.0	*
1982	1.9	2.8	3.6	5.8	7.6	7.2	5.8	7.8	9.5	*
1981	1.9	2.2	3.5	5.1	7.0	7.4	8.2	6.1	*	*
1980	1.8	1.8	3.3	5.5	7.4	7.4	8.2	6.1	*	*
1979	1.9	3.2	4.7	4.5	5.6	7.7	8.2	8.2	*	*
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
All other, male										
1998	2.2	3.5	3.8	5.0	7.6	8.9	13.9	14.4	13.3	*
1997	2.1	2.5	3.8	6.1	7.2	9.0	13.4	10.7	*	*
1996	2.0	2.6	4.1	4.3	7.3	9.3	12.9	13.0	*	*
1995	2.1	3.4	3.1	7.8	7.1	9.7	12.1	13.6	14.2	*
1994	2.1	2.3	4.4	7.9	7.4	7.0	13.9	10.8	*	*
1993	2.2	3.5	4.0	6.4	7.5	13.0	14.1	10.7	*	*
1992	2.1	3.3	5.6	5.5	6.2	7.6	10.6	12.5	*	*
1991	2.2	2.4	5.2	6.6	8.2	12.0	10.2	11.4	*	*
1990	2.4	3.8	5.1	5.8	9.5	10.0	14.4	11.6	*	*
1989	2.2	*	5.1	5.2	9.4	8.6	16.1	12.6	*	*
1988	2.3	4.3	4.0	6.4	9.8	11.3	10.6	11.9	*	*
1987	2.2	*	4.7	9.6	8.8	11.6	9.4	10.7	*	*
1986	2.2	3.6	4.5	6.6	8.7	11.0	13.5	11.9	*	*
1985	2.2	3.2	6.3	6.5	8.3	10.9	9.3	10.2	*	*
1984	2.2	3.2	5.4	9.5	8.6	9.9	9.8	*	*	*
1983	1.9	*	*	6.8	9.2	9.5	9.9	*	*	*
1982	2.1	3.3	5.7	8.1	9.5	9.9	*	11.0	*	*
1981	2.3	*	4.6	5.3	9.9	10.5	9.9	*	*	*
1980	2.0	*	4.8	6.5	9.1	10.1	9.4	*	*	*
1979	2.2	5.0	6.1	5.3	5.8	9.3	8.3	12.0	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
All other, female										
1998	1.7	1.6	2.3	3.4	4.4	6.1	8.6	8.3	11.6	*
1997	1.9	1.8	3.0	4.4	7.3	6.0	9.2	10.5	7.9	11.1
1996	1.7	1.8	2.8	3.6	4.6	6.3	9.2	7.9	*	*
1995	1.8	2.1	2.2	5.3	4.9	6.1	7.2	8.2	10.9	8.5
1994	1.7	2.3	*	2.6	3.9	7.5	8.4	9.3	9.3	9.0
1993	1.7	2.3	2.2	2.9	3.7	7.2	9.0	12.6	8.1	9.4
1992	1.8	2.9	3.2	4.1	5.2	5.9	8.1	7.4	9.3	*
1991	1.8	1.9	3.0	3.8	6.0	5.2	10.2	8.4	9.6	*
1990	1.8	2.0	2.7	4.1	5.8	5.8	5.5	9.7	*	11.7
1989	1.7	2.0	3.2	4.2	5.7	5.9	7.6	8.5	*	*
1988	1.8	*	3.6	4.3	4.9	4.4	11.9	8.9	*	*
1987	1.7	2.7	2.9	4.1	5.8	4.7	8.2	7.7	*	*
1986	1.7	*	3.2	4.1	4.2	6.4	6.1	7.1	*	*
1985	1.5	2.5	2.6	4.0	4.6	6.4	6.2	6.4	*	*
1984	1.5	*	*	4.2	5.2	5.6	7.3	7.2	*	*
1983	1.6	*	4.1	3.5	8.0	5.6	5.3	*	*	*
1982	1.6	*	*	3.9	6.0	5.1	5.7	*	*	*
1981	1.5	*	2.7	5.0	4.7	5.0	7.0	*	*	*
1980	1.6	*	*	4.7	6.1	5.4	7.3	*	*	*
1979	1.6	*	3.5	3.9	5.5	6.4	8.0	*	*	*
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
Black, both sexes										
1998	2.1	2.7	3.3	5.4	6.4	8.2	12.0	10.8	11.2	8.2
1997	2.2	2.1	3.8	6.0	8.3	7.9	12.7	11.2	7.7	11.9
1996	2.0	2.2	3.8	4.5	6.8	8.7	11.4	10.8	8.5	7.6
1995	2.1	2.9	2.6	6.8	5.7	8.7	10.1	10.5	12.8	8.3
1994	2.1	2.6	3.1	5.6	6.2	7.7	11.0	10.0	11.1	7.9
1993	2.1	3.3	3.3	4.8	6.5	10.8	11.5	12.1	9.9	8.1
1992	2.1	3.3	4.9	5.5	6.3	7.7	9.9	9.7	11.2	10.1
1991	2.2	2.2	4.2	5.1	7.6	8.9	11.2	9.9	10.7	*
1990	2.3	3.3	4.2	5.3	8.0	8.3	10.0	11.2	10.8	9.9
1989	2.1	2.2	4.8	4.7	8.0	7.5	11.5	10.2	7.4	*
1988	2.3	3.2	4.0	5.6	8.3	7.5	11.8	10.6	8.1	*
1987	2.2	3.0	4.4	7.0	8.0	8.4	9.7	9.7	*	*
1986	2.1	2.7	4.6	5.4	6.9	8.6	9.6	8.8	9.8	*
1985	2.0	3.3	4.9	5.6	6.8	9.1	7.8	7.2	*	*
1984	2.0	2.9	4.0	7.3	7.5	8.1	9.2	7.2	*	*
1983	1.9	*	4.3	5.7	8.9	7.6	7.8	7.8	*	*
1982	2.0	3.2	4.1	6.3	8.2	7.9	6.6	7.7	9.6	*
1981	2.0	2.5	4.0	5.4	7.1	7.6	8.8	5.5	*	*
1980	2.0	2.2	3.6	6.2	8.0	8.0	8.7	6.2	*	*
1979	2.0	3.5	5.2	5.1	5.6	7.7	9.1	8.3	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
Black, male										
1998	2.4	3.9	4.4	6.5	9.0	9.8	15.3	13.8	*	*
1997	2.3	2.6	4.1	6.9	8.8	9.6	16.6	11.8	*	*
1996	2.2	2.5	4.8	5.5	8.4	10.3	14.7	13.6	*	*
1995	2.3	3.7	*	8.0	6.7	10.9	13.8	14.1	*	*
1994	2.3	*	5.0	9.3	8.1	7.1	13.9	*	*	*
1993	2.4	4.1	4.5	7.0	9.5	14.0	16.0	11.6	*	*
1992	2.3	4.1	6.8	6.4	6.8	9.0	11.9	13.3	*	*
1991	2.4	*	5.5	7.1	8.7	12.6	11.8	11.7	*	*
1990	2.6	4.8	5.7	5.9	10.3	10.5	16.6	11.8	*	*
1989	2.3	*	5.9	5.0	10.5	9.2	16.7	14.0	*	*
1988	2.5	5.2	4.7	7.1	12.0	11.4	11.2	12.4	*	*
1987	2.5	*	5.5	10.6	10.3	13.3	10.8	*	*	*
1986	2.4	4.1	5.4	7.6	9.9	10.8	15.3	12.2	*	*
1985	2.3	3.9	7.4	6.9	9.2	11.8	9.8	*	*	*
1984	2.4	3.8	6.2	10.7	10.0	10.4	11.4	*	*	*
1983	2.1	*	*	7.6	9.9	9.6	10.2	*	*	*
1982	2.4	3.8	6.5	9.5	10.1	11.1	*	*	*	*
1981	2.4	*	4.9	5.1	9.7	11.4	10.5	*	*	*
1980	2.3	*	4.9	7.1	9.6	11.7	10.2	*	*	*
1979	2.3	5.7	7.0	6.1	*	9.2	9.3	12.4	*	*
Malignant neoplasms of meninges, brain and other parts of central nervous system (191-192)										
Black, female										
1998	1.9	1.7	2.3	4.4	4.5	7.1	9.8	9.0	10.5	*
1997	2.1	1.8	3.5	5.2	7.9	6.7	10.0	10.9	*	11.2
1996	1.8	1.9	3.0	3.7	5.5	7.5	9.2	9.1	*	*
1995	1.9	2.3	*	5.8	5.0	7.1	7.6	8.4	10.9	*
1994	1.9	2.9	*	*	4.7	8.2	9.1	9.8	9.2	*
1993	1.9	2.6	*	*	4.1	8.5	8.5	12.5	*	*
1992	2.0	2.6	3.3	4.7	5.9	6.8	8.6	7.7	10.0	*
1991	2.0	*	3.1	3.6	6.8	6.2	10.8	8.8	10.1	*
1990	2.0	*	3.1	4.8	6.3	6.6	5.7	10.8	*	*
1989	1.9	*	3.9	4.5	6.2	6.3	8.1	8.0	*	*
1988	2.0	*	3.5	4.5	5.5	4.7	12.1	9.5	*	*
1987	1.9	3.2	3.4	4.1	6.2	4.8	9.0	9.0	*	*
1986	1.9	*	3.9	3.6	4.6	7.1	5.9	*	*	*
1985	1.7	*	*	4.4	4.9	7.1	6.5	*	*	*
1984	1.6	*	*	4.4	5.5	6.3	7.6	7.5	*	*
1983	1.8	*	4.8	4.3	8.1	6.2	6.1	*	*	*
1982	1.7	*	*	3.8	6.7	5.5	6.3	*	*	*
1981	1.6	*	3.2	5.7	5.0	4.9	7.6	*	*	*
1980	1.7	*	*	5.4	6.8	5.2	7.6	*	*	*
1979	1.8	*	3.7	4.3	6.0	6.6	8.9	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
All races, both sexes										
1998	20.1	9.1	14.5	24.2	40.1	61.5	95.0	131.3	168.0	191.8
1997	20.5	9.5	15.6	26.5	42.1	63.7	96.0	128.3	167.2	194.8
1996	20.4	9.6	15.9	26.1	42.3	62.6	95.9	129.6	167.5	192.7
1995	20.4	9.8	16.0	26.4	42.5	63.5	95.0	130.6	164.4	194.3
1994	20.2	10.3	16.8	26.1	43.5	62.5	93.7	125.9	164.0	191.7
1993	19.9	9.9	15.9	25.4	41.8	63.8	91.2	126.1	160.4	189.0
1992	19.6	10.2	16.4	26.3	40.4	62.8	89.8	123.9	159.1	183.5
1991	19.6	11.1	16.1	26.6	40.9	61.4	91.7	123.7	158.0	186.1
1990	19.2	10.3	16.9	26.1	40.3	60.7	89.5	120.0	158.0	183.3
1989	18.9	10.6	15.7	26.3	41.3	59.9	89.6	118.3	154.7	173.6
1988	18.3	10.4	16.2	25.5	39.1	58.5	84.3	115.0	151.2	171.6
1987	18.0	10.5	16.1	25.3	39.0	57.9	85.3	112.4	146.5	168.3
1986	18.1	10.4	16.3	24.9	38.8	60.8	85.8	114.4	146.3	163.6
1985	17.9	10.4	16.1	25.5	40.7	58.9	83.2	112.4	143.4	163.9
1984	17.5	10.5	16.8	26.2	39.8	57.6	81.6	107.3	143.7	156.5
1983	17.2	10.6	16.5	25.2	39.2	57.4	81.6	109.5	136.9	158.3
1982	17.0	10.5	17.0	24.5	38.1	56.6	79.2	110.2	138.9	156.1
1981	16.5	10.3	15.7	24.6	38.8	54.8	77.2	107.4	136.3	144.2
1980	16.8	10.7	16.5	26.1	39.2	54.3	81.6	104.2	137.3	150.4
1979	16.2	10.9	17.1	24.5	38.3	54.2	78.9	101.8	132.3	142.1
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
All races, male										
1998	21.9	11.3	18.2	29.2	49.9	77.7	120.5	166.8	219.8	264.3
1997	22.3	12.2	19.5	32.0	51.1	81.0	122.0	164.3	224.4	267.3
1996	22.1	12.1	19.2	32.0	52.0	77.4	122.1	164.8	220.7	276.9
1995	22.2	12.1	20.0	31.8	52.9	79.9	119.1	165.6	217.7	275.4
1994	21.9	12.6	20.8	31.5	55.1	78.0	119.1	161.3	214.3	271.8
1993	21.4	12.2	19.5	31.5	50.2	80.7	113.2	161.3	210.6	259.7
1992	21.4	12.6	20.2	32.4	50.2	79.2	113.2	161.0	211.8	253.8
1991	21.0	14.0	19.5	32.7	49.8	76.7	115.5	156.0	205.4	251.9
1990	21.0	12.5	21.5	32.6	51.3	76.1	114.9	156.9	211.0	256.5
1989	20.6	13.3	19.0	32.4	50.9	75.2	113.2	156.7	203.6	234.1
1988	20.0	12.9	19.9	31.8	48.8	72.2	107.4	151.1	200.6	241.2
1987	19.4	12.6	19.6	30.9	48.1	73.5	108.2	146.5	190.2	219.5
1986	19.8	12.8	19.1	30.3	47.2	76.2	111.9	148.8	196.3	222.1
1985	19.5	12.4	19.3	30.4	50.1	73.8	106.4	146.4	192.9	229.7
1984	18.9	12.7	19.7	31.8	48.5	70.6	104.5	136.9	188.6	213.9
1983	18.9	12.6	19.8	31.4	48.7	71.2	105.1	144.8	178.1	227.2
1982	18.7	12.6	20.5	29.3	47.8	71.6	100.9	143.4	185.0	213.8
1981	18.0	12.4	18.9	30.1	47.6	67.9	99.5	136.8	182.7	196.3
1980	18.5	12.4	20.4	31.8	47.9	67.9	104.4	135.4	180.7	210.3
1979	18.2	13.5	20.2	30.0	47.5	69.8	101.8	133.8	175.7	207.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
All races, female										
1998	18.5	7.0	10.9	19.5	31.3	47.6	75.2	106.8	138.1	163.0
1997	18.7	6.9	11.9	21.4	34.0	49.1	76.0	103.6	134.6	166.4
1996	18.7	7.1	12.8	20.7	33.7	50.2	75.9	105.6	137.6	160.1
1995	18.7	7.5	12.2	21.5	33.2	49.7	76.5	107.0	134.7	163.0
1994	18.5	8.1	12.9	21.1	33.2	49.7	74.3	102.1	136.5	160.9
1993	18.4	7.7	12.5	19.8	34.4	50.0	74.4	102.7	133.2	162.0
1992	18.0	8.0	12.8	20.6	31.7	49.3	72.0	99.5	130.8	156.6
1991	18.2	8.3	12.9	21.1	33.1	49.0	73.8	102.6	132.7	160.9
1990	17.4	8.1	12.5	20.1	30.7	48.2	70.7	96.3	129.9	155.0
1989	17.3	8.1	12.5	20.6	32.9	47.4	72.1	93.7	128.9	150.1
1988	16.7	8.0	12.8	19.7	30.6	47.4	67.4	92.0	125.2	144.4
1987	16.6	8.5	12.8	20.1	31.1	45.2	68.6	90.8	123.5	148.0
1986	16.5	8.1	13.6	20.0	31.4	48.3	66.9	92.7	120.0	140.3
1985	16.3	8.6	13.1	21.1	32.6	46.9	66.4	91.0	117.5	137.6
1984	16.1	8.5	14.0	21.2	32.2	47.1	65.0	88.8	120.1	133.3
1983	15.6	8.8	13.5	19.7	31.0	46.4	64.6	87.3	115.2	130.0
1982	15.5	8.5	13.7	20.2	29.7	44.6	63.5	89.3	114.5	132.0
1981	15.0	8.4	12.8	19.8	31.2	44.3	61.2	89.0	111.7	122.0
1980	15.1	9.2	12.8	21.1	31.6	43.4	65.1	84.6	114.2	124.2
1979	14.4	8.4	14.3	19.7	30.4	41.7	62.4	81.8	109.1	113.0
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
White, both sexes										
1998	21.8	8.8	14.1	23.5	40.1	62.4	96.6	134.2	171.0	195.4
1997	22.2	9.3	15.4	26.5	42.2	64.9	97.3	130.9	170.9	199.4
1996	22.0	9.4	15.8	26.0	42.3	63.2	96.6	132.0	170.2	196.5
1995	22.0	9.7	15.5	26.5	42.1	64.6	96.5	132.7	167.7	198.5
1994	21.8	10.1	16.7	25.9	43.4	63.5	95.3	128.7	166.6	195.2
1993	21.3	9.6	15.6	25.3	41.9	64.3	92.2	127.8	163.2	191.8
1992	21.1	10.2	16.1	25.8	40.5	63.6	91.0	125.9	161.8	187.4
1991	20.9	11.1	15.8	26.2	41.1	61.4	92.3	125.0	159.8	190.2
1990	20.5	10.1	16.7	25.7	40.2	60.9	90.4	122.1	160.9	187.4
1989	20.2	10.5	15.3	26.3	41.3	60.0	90.6	120.4	156.8	176.7
1988	19.5	10.2	16.0	25.1	39.6	58.5	85.3	116.8	153.2	175.0
1987	19.1	10.4	15.9	25.4	39.1	58.1	85.8	113.8	148.9	170.8
1986	19.2	10.5	16.0	24.6	38.5	61.2	86.3	116.3	147.6	166.7
1985	18.9	10.3	16.3	25.3	40.6	59.3	83.5	114.8	143.6	167.8
1984	18.5	10.3	16.6	26.0	39.7	58.4	82.3	109.0	146.1	161.4
1983	18.2	10.6	16.3	25.3	38.8	57.7	82.4	110.8	138.4	161.9
1982	18.0	10.5	16.7	24.4	37.9	57.1	79.8	111.9	139.9	160.6
1981	17.3	10.3	15.7	24.5	39.0	54.7	77.7	109.0	138.6	147.0
1980	17.7	10.6	16.3	25.7	39.2	54.6	83.0	105.9	139.6	154.4
1979	17.1	10.9	16.9	24.3	38.2	54.3	80.2	104.5	135.4	144.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
White, male										
1998	23.6	10.9	17.8	28.7	50.1	78.9	122.9	170.7	223.4	269.5
1997	24.0	11.9	19.2	32.0	50.9	82.4	123.5	167.1	228.8	274.8
1996	23.8	11.9	19.0	31.9	51.8	78.0	122.6	167.9	223.5	283.9
1995	23.9	12.1	19.3	32.0	52.6	81.3	120.6	168.1	222.5	282.3
1994	23.5	12.6	20.6	31.1	54.7	79.0	120.8	165.4	218.3	278.3
1993	22.8	12.0	19.3	31.3	50.5	80.8	114.0	162.6	216.3	264.2
1992	22.9	12.6	19.7	31.9	50.1	80.4	114.5	163.3	216.1	261.3
1991	22.4	13.9	19.1	32.1	50.0	76.7	116.4	156.5	208.7	258.8
1990	22.3	12.2	21.4	32.4	51.1	75.8	115.6	159.7	215.1	262.7
1989	21.8	13.0	18.5	32.2	51.0	75.4	114.2	159.3	205.8	237.9
1988	21.2	12.5	19.6	31.5	49.5	72.4	108.4	153.3	205.0	247.7
1987	20.5	12.5	19.5	30.9	48.3	73.4	108.9	147.6	192.9	223.0
1986	20.9	13.0	19.0	29.8	46.9	76.2	112.2	151.5	196.7	228.8
1985	20.5	12.2	19.4	30.2	49.8	74.3	106.9	150.3	193.2	237.2
1984	19.9	12.3	19.5	31.5	48.2	71.6	105.5	138.6	192.3	223.1
1983	19.9	12.2	19.5	31.4	47.6	71.5	106.5	146.9	180.1	233.2
1982	19.6	12.7	20.0	29.1	47.8	72.2	101.7	146.0	185.5	220.5
1981	18.9	12.2	18.9	30.0	47.8	68.1	100.6	139.2	185.4	201.7
1980	19.4	12.5	20.3	31.0	48.0	67.3	106.1	138.4	183.8	217.3
1979	19.0	13.4	20.1	29.7	47.0	70.4	104.0	138.1	180.1	213.3
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
White, female										
1998	20.0	6.7	10.5	18.6	31.0	48.2	75.8	108.7	140.4	166.1
1997	20.4	6.7	11.7	21.2	34.1	49.7	76.9	105.8	137.6	170.0
1996	20.3	7.0	12.8	20.5	33.6	50.6	76.5	107.2	140.0	162.9
1995	20.3	7.4	11.9	21.2	32.6	50.4	77.9	108.6	137.2	166.6
1994	20.1	7.6	12.9	21.1	33.1	50.6	75.6	103.9	138.2	163.7
1993	19.8	7.3	12.1	19.6	34.1	50.5	75.4	104.5	134.5	164.4
1992	19.4	7.9	12.6	20.1	31.8	49.8	73.1	101.2	132.7	159.5
1991	19.6	8.3	12.6	20.6	33.1	48.8	74.1	104.3	133.8	164.4
1990	18.7	8.0	12.1	19.4	30.6	48.6	71.5	97.8	132.2	158.8
1989	18.6	8.0	12.3	20.8	32.7	47.5	73.0	95.5	131.1	153.4
1988	17.9	7.9	12.6	19.2	31.0	47.1	68.2	93.6	126.1	147.1
1987	17.8	8.4	12.4	20.2	31.0	45.6	68.8	92.4	126.0	150.6
1986	17.6	8.1	13.2	19.8	31.2	48.9	67.4	94.1	122.1	142.4
1985	17.4	8.5	13.3	20.8	32.5	47.1	66.5	92.6	117.8	140.7
1984	17.2	8.5	13.8	21.0	32.3	47.7	65.4	90.6	122.1	136.9
1983	16.6	9.0	13.3	19.8	31.1	46.5	64.9	88.3	116.6	133.3
1982	16.4	8.5	13.6	20.1	29.3	44.8	64.0	90.7	116.0	136.0
1981	15.9	8.4	12.7	19.5	31.2	43.9	61.2	90.1	114.0	124.1
1980	16.0	8.8	12.6	20.9	31.5	44.4	66.3	85.6	116.3	127.3
1979	15.2	8.4	14.0	19.4	30.5	41.5	63.2	83.7	111.7	114.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
All other, both sexes										
1998	12.5	10.7	16.5	28.2	40.3	54.9	82.4	105.7	138.5	157.0
1997	12.6	10.5	16.9	26.6	41.9	55.6	85.1	104.8	130.8	149.7
1996	12.8	10.3	16.3	26.7	42.7	58.5	90.2	108.0	140.8	155.5
1995	12.7	10.0	18.7	26.3	44.5	55.4	81.4	111.2	130.7	151.4
1994	12.4	11.8	17.0	27.4	44.0	54.6	79.5	99.2	138.3	155.5
1993	12.7	11.4	17.7	26.7	41.3	60.1	82.4	109.8	132.1	160.7
1992	12.4	10.3	18.3	29.4	39.6	55.9	78.7	104.7	131.3	143.3
1991	12.8	11.0	17.9	29.7	39.4	61.8	86.0	111.6	139.3	142.3
1990	12.5	11.4	18.2	29.0	40.9	59.2	81.5	100.8	128.7	140.1
1989	12.3	11.6	17.7	26.1	41.5	58.6	80.3	98.4	132.0	140.6
1988	11.9	11.7	17.5	28.0	34.6	58.7	75.2	97.9	130.6	135.5
1987	11.9	11.1	17.6	24.4	38.3	56.0	81.0	99.3	120.5	140.4
1986	12.1	9.9	18.1	26.9	41.0	57.2	81.5	96.4	131.3	129.9
1985	11.8	11.3	14.9	27.1	42.0	55.5	80.2	89.0	141.5	120.2
1984	11.5	11.6	17.9	28.2	40.3	50.1	75.2	91.1	116.8	103.2
1983	11.7	10.9	18.1	24.9	42.4	55.1	73.7	96.5	120.6	117.3
1982	11.4	10.0	19.2	25.5	39.7	52.7	73.3	93.1	127.4	105.5
1981	11.3	10.6	15.9	25.9	37.7	55.6	73.2	92.4	110.4	112.1
1980	11.3	11.6	17.4	30.0	39.1	52.2	68.4	87.3	110.4	103.7
1979	11.0	10.8	18.9	26.6	39.9	52.9	66.3	75.9	96.4	109.8
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
All other, male										
1998	13.6	13.6	20.8	32.2	49.0	69.1	99.3	130.0	180.7	215.2
1997	14.0	13.7	21.2	31.7	52.5	69.6	108.6	137.7	177.3	197.4
1996	14.2	13.7	20.5	32.8	53.1	73.1	117.5	134.4	191.5	212.4
1995	13.8	12.3	24.1	29.9	54.8	69.5	105.0	140.4	168.0	211.7
1994	13.6	13.2	21.7	34.5	57.5	69.6	102.5	120.7	173.4	211.5
1993	14.0	13.5	21.3	33.3	47.5	79.1	105.8	148.5	153.5	217.7
1992	13.8	12.1	23.5	36.2	51.2	69.3	101.2	138.7	168.5	184.4
1991	14.2	14.7	21.9	37.0	47.5	76.3	107.2	150.5	172.0	186.7
1990	14.1	14.6	22.2	34.4	53.6	78.0	108.0	130.0	169.8	199.0
1989	14.2	14.8	22.6	34.2	50.8	74.0	103.5	132.0	181.0	198.8
1988	13.2	15.5	21.6	34.4	43.3	70.4	97.7	130.1	157.3	181.0
1987	13.3	13.6	20.6	30.5	46.2	74.7	101.0	136.3	163.4	187.0
1986	13.7	12.1	19.9	34.1	50.6	76.0	109.2	123.3	192.6	158.7
1985	13.3	13.9	19.2	32.1	53.4	68.6	102.0	109.7	190.4	158.9
1984	13.0	15.4	20.8	34.3	51.3	61.1	94.9	121.3	150.5	127.8
1983	13.3	14.8	21.5	31.6	58.3	68.4	91.5	125.4	157.7	169.6
1982	13.0	11.8	24.6	31.0	48.2	66.0	92.7	119.4	179.8	149.3
1981	12.6	13.2	18.6	30.7	46.0	66.0	89.4	114.0	154.9	142.2
1980	13.0	11.6	21.7	38.5	46.8	73.9	88.3	107.2	147.9	138.2
1979	12.5	13.9	21.1	32.1	52.7	64.6	81.1	94.6	129.1	145.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
All other, female										
1998	11.6	8.2	12.8	24.8	33.3	44.2	70.9	90.2	116.2	132.7
1997	11.3	7.7	13.3	22.4	33.4	45.2	69.0	83.9	106.2	129.6
1996	11.6	7.4	12.8	21.6	34.5	47.7	71.5	91.4	113.9	131.5
1995	11.6	8.1	14.1	23.3	36.4	44.9	65.2	92.9	110.8	125.7
1994	11.2	10.7	13.0	21.5	33.6	43.4	63.6	85.9	119.5	131.5
1993	11.5	9.6	14.6	21.2	36.5	46.1	66.2	86.1	120.5	136.1
1992	11.1	8.7	13.9	23.8	30.7	46.0	63.2	83.9	110.8	125.4
1991	11.6	7.8	14.4	23.8	33.2	51.1	71.5	87.5	121.2	122.7
1990	11.0	8.5	14.7	24.6	31.3	45.3	63.5	82.6	105.4	113.4
1989	10.7	8.9	13.5	19.6	34.3	47.0	64.5	77.5	104.7	113.1
1988	10.7	8.4	14.0	22.8	27.9	50.1	59.8	77.2	114.7	114.2
1987	10.6	9.0	15.1	19.5	32.2	42.1	67.3	75.6	95.9	118.4
1986	10.6	7.9	16.5	21.2	33.7	43.2	62.5	79.3	96.3	116.0
1985	10.5	9.1	11.3	23.0	33.1	45.5	65.1	75.5	113.3	101.3
1984	10.1	8.4	15.5	23.3	31.7	41.8	61.5	71.1	97.1	91.0
1983	10.1	7.6	15.4	19.5	29.9	45.0	61.4	77.2	98.8	91.4
1982	10.0	8.5	14.8	21.1	33.0	42.7	59.1	75.4	96.8	83.5
1981	10.2	8.4	13.7	22.0	30.9	47.8	61.2	77.8	83.3	96.1
1980	9.8	11.6	14.0	23.0	32.9	35.5	53.6	73.8	87.3	86.0
1979	9.5	8.3	17.0	21.9	29.6	43.9	54.9	62.0	76.1	92.1
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
Black, both sexes										
1998	14.7	13.4	20.1	34.8	48.9	62.5	93.0	113.0	154.7	162.1
1997	14.6	12.8	20.0	30.5	49.7	63.3	97.7	112.0	144.6	158.4
1996	15.0	12.2	20.1	32.6	51.6	67.3	98.4	119.0	156.0	162.2
1995	14.6	12.7	22.3	31.1	52.6	63.4	92.1	120.7	136.6	155.0
1994	14.3	14.5	20.0	32.7	49.9	63.3	89.7	108.3	144.3	161.5
1993	14.7	13.6	21.5	31.1	48.4	68.6	91.2	119.1	140.3	161.9
1992	14.3	12.1	21.6	34.2	45.5	63.7	85.5	112.0	141.4	150.9
1991	14.8	12.7	20.5	34.6	44.2	69.4	95.9	118.9	149.4	152.0
1990	14.3	13.4	21.7	33.7	46.7	65.5	90.3	107.5	137.0	146.9
1989	14.0	13.9	20.2	29.5	45.3	65.5	85.8	104.6	141.1	149.5
1988	13.5	13.2	19.6	32.1	38.6	64.9	82.5	104.2	136.0	143.5
1987	13.5	13.4	20.4	27.1	43.9	61.8	88.5	106.3	125.5	146.6
1986	13.7	11.1	20.6	30.0	46.6	63.4	88.8	101.3	138.4	137.3
1985	13.2	12.3	16.1	30.0	45.9	61.0	87.2	94.6	148.2	124.1
1984	12.9	13.0	19.0	31.4	44.4	54.3	79.9	96.5	126.3	105.3
1983	13.0	12.3	20.1	27.4	47.1	59.9	79.8	101.4	129.1	118.5
1982	12.7	11.1	21.0	28.0	44.0	56.4	79.5	97.8	134.4	108.0
1981	12.5	11.7	16.9	28.4	41.2	59.1	79.5	97.5	120.1	116.1
1980	12.3	12.6	18.9	32.2	42.3	53.8	72.6	90.7	121.4	109.4
1979	11.8	11.6	21.1	29.1	43.1	55.8	69.4	78.3	100.5	110.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
Black, male										
1998	15.8	17.1	26.3	39.9	60.1	79.8	112.6	139.4	211.0	224.8
1997	16.2	16.8	25.4	35.6	62.4	79.5	127.9	147.5	197.8	217.7
1996	16.5	16.6	25.2	39.6	65.1	85.4	125.0	151.2	218.6	233.5
1995	16.1	15.9	30.0	36.4	65.7	80.1	119.9	154.3	185.8	215.7
1994	15.7	16.3	25.9	42.5	64.6	84.3	116.7	134.3	176.3	222.1
1993	16.1	16.1	27.1	39.1	57.9	90.5	118.8	165.8	162.1	211.1
1992	15.8	14.1	27.3	42.6	58.7	79.7	110.5	150.2	183.6	193.4
1991	16.3	16.8	25.7	44.3	53.2	86.3	118.1	162.7	187.4	205.8
1990	16.3	17.7	27.5	41.5	61.7	87.1	121.0	140.5	190.1	214.3
1989	16.1	18.9	26.4	38.5	54.4	83.2	112.3	138.8	203.1	216.7
1988	15.1	18.1	24.7	39.7	47.8	77.8	108.0	142.9	166.0	206.2
1987	15.3	16.8	24.2	34.5	53.5	84.4	114.9	149.1	169.6	198.4
1986	15.5	14.0	22.3	38.5	57.3	85.1	119.4	130.8	196.7	168.3
1985	14.8	15.8	21.0	34.9	57.4	77.6	113.0	117.6	195.4	167.7
1984	14.6	17.7	22.3	37.8	57.4	66.8	99.6	132.3	173.8	131.1
1983	14.8	16.8	23.6	34.5	65.0	74.9	98.8	133.9	172.0	175.0
1982	14.3	13.8	26.7	34.3	52.4	70.4	103.3	124.8	185.0	156.9
1981	13.8	14.5	20.1	33.1	50.8	69.1	97.9	120.3	171.4	148.2
1980	14.1	12.4	23.5	41.7	51.0	77.6	94.2	108.5	163.9	143.4
1979	13.4	14.9	23.0	35.1	57.8	68.6	86.7	96.9	136.4	150.0
Malignant neoplasms of lymphoid, hematopoietic and related tissue (200-208)										
Black, female										
1998	13.6	10.3	14.8	30.6	40.1	49.7	80.1	97.0	127.3	138.5
1997	13.2	9.5	15.5	26.3	39.8	51.2	77.8	90.6	118.9	135.9
1996	13.5	8.4	15.9	26.9	41.1	53.8	80.8	99.7	125.6	134.9
1995	13.3	9.9	15.9	26.9	42.4	51.1	74.0	100.7	112.7	131.5
1994	13.0	12.9	15.1	24.9	38.6	47.8	72.0	93.1	128.5	137.8
1993	13.4	11.6	16.9	24.7	41.2	52.5	73.0	92.0	129.4	142.4
1992	13.0	10.5	17.0	27.5	35.4	51.9	69.1	89.9	120.0	133.8
1991	13.5	9.2	16.3	26.8	37.3	57.1	81.2	93.3	130.1	129.8
1990	12.6	9.9	17.0	27.5	35.4	49.9	70.1	88.2	109.5	118.3
1989	12.2	9.7	15.2	22.2	38.4	52.7	68.6	84.4	108.6	121.6
1988	12.1	9.1	15.5	26.0	31.6	55.5	65.5	81.1	120.2	116.1
1987	11.9	10.6	17.4	21.2	36.6	45.4	70.9	80.3	101.8	123.6
1986	12.1	8.7	19.2	23.2	38.4	47.4	68.4	83.3	106.7	123.2
1985	11.8	9.3	12.1	25.9	37.0	48.9	70.2	80.2	122.2	103.8
1984	11.4	9.1	16.3	26.1	34.3	45.1	66.8	74.1	100.0	93.0
1983	11.4	8.6	17.3	21.7	33.3	48.8	67.2	80.3	104.8	91.1
1982	11.2	8.9	16.3	22.8	37.5	46.1	63.1	80.9	105.1	83.9
1981	11.3	9.4	14.2	24.7	33.6	51.9	66.7	82.8	90.2	99.1
1980	10.7	12.8	15.2	24.5	35.3	36.1	57.3	79.2	95.9	92.4
1979	10.4	8.8	19.5	24.1	31.4	46.2	57.0	65.3	78.2	90.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hodgkin's disease (201)										
All races, both sexes										
1998	0.5	0.4	0.5	0.6	0.7	1.1	1.6	1.8	2.4	1.7
1997	0.5	0.4	0.5	0.7	0.8	1.2	1.5	2.0	2.4	2.7
1996	0.5	0.5	0.5	0.7	0.8	1.2	1.5	1.8	2.3	2.1
1995	0.5	0.5	0.6	0.7	0.7	1.1	1.7	2.1	2.5	2.2
1994	0.5	0.6	0.7	0.6	0.9	1.3	1.7	1.9	2.3	2.3
1993	0.6	0.5	0.6	0.8	0.9	1.3	1.8	2.4	2.9	2.8
1992	0.6	0.7	0.7	0.8	1.0	1.3	1.8	2.1	2.7	2.3
1991	0.6	0.6	0.7	0.9	1.0	1.4	1.9	2.2	2.9	2.4
1990	0.7	0.6	0.6	1.0	1.1	1.3	1.8	2.2	2.9	2.3
1989	0.7	0.7	0.7	0.9	1.1	1.6	1.9	2.6	2.5	2.7
1988	0.7	0.6	0.8	0.7	1.1	1.5	1.9	2.5	2.3	1.9
1987	0.7	0.9	0.8	1.0	1.2	1.7	1.9	2.9	2.3	2.8
1986	0.8	0.6	0.7	1.0	1.2	2.0	2.5	2.7	2.5	2.6
1985	0.7	0.7	0.7	1.0	1.3	1.6	2.2	2.4	3.2	2.7
1984	0.8	0.9	0.9	1.1	1.6	1.9	2.6	2.5	3.2	2.8
1983	0.8	0.8	1.0	1.0	1.5	1.8	2.3	3.0	3.5	2.7
1982	0.8	0.8	0.8	1.2	1.6	1.9	2.5	3.0	3.9	3.2
1981	0.9	0.8	1.0	1.3	1.5	2.2	2.5	3.9	3.4	3.1
1980	0.9	1.0	1.3	1.4	1.7	2.2	2.8	3.3	3.6	3.3
1979	0.9	1.0	1.2	1.3	1.7	2.2	3.0	3.2	3.9	2.5
Hodgkin's disease (201)										
All races, male										
1998	0.6	0.5	0.7	0.8	0.8	1.3	2.0	2.3	3.3	2.0
1997	0.6	0.6	0.6	0.8	0.8	1.6	1.7	2.2	2.9	2.8
1996	0.6	0.6	0.6	1.0	0.8	1.2	1.9	2.1	2.8	3.1
1995	0.6	0.7	0.8	1.0	0.7	1.3	2.0	1.9	3.2	3.4
1994	0.6	0.7	1.0	0.9	1.1	1.6	2.3	2.0	2.8	2.5
1993	0.7	0.6	1.0	1.1	1.2	1.8	2.2	3.0	3.3	4.5
1992	0.8	0.9	1.1	0.9	1.4	1.7	2.5	2.6	3.7	3.5
1991	0.8	0.9	1.1	1.2	1.1	2.0	2.2	2.7	3.1	3.3
1990	0.8	0.8	0.8	1.4	1.5	1.5	2.4	2.3	3.2	3.6
1989	0.8	1.0	0.9	1.2	1.4	2.1	2.4	3.3	2.8	3.9
1988	0.8	0.9	1.4	0.8	1.6	1.8	2.2	2.9	3.4	3.3
1987	0.9	1.2	1.1	1.5	1.5	2.2	2.5	3.5	3.3	2.9
1986	0.9	0.8	1.1	1.3	1.6	2.3	3.2	3.7	3.0	3.5
1985	0.9	1.0	1.0	1.2	1.9	2.0	2.8	2.6	4.0	3.0
1984	1.0	1.4	1.5	1.5	2.2	2.6	3.2	3.8	4.2	4.3
1983	1.0	1.1	1.3	1.4	2.1	2.2	3.0	3.7	4.6	3.4
1982	1.0	1.0	1.1	1.5	2.1	2.2	3.6	3.1	4.5	3.8
1981	1.0	1.0	1.3	1.6	2.1	2.6	3.1	4.3	4.3	3.9
1980	1.1	1.4	1.7	1.6	2.1	2.7	4.0	4.2	4.5	3.8
1979	1.1	1.7	1.7	1.6	2.2	2.7	3.6	4.1	5.1	3.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hodgkin's disease (201)										
All races, female										
1998	0.4	0.2	0.4	0.4	0.6	0.8	1.3	1.4	1.8	1.6
1997	0.5	0.3	0.4	0.6	0.7	0.9	1.3	1.8	2.1	2.7
1996	0.5	0.5	0.5	0.5	0.7	1.2	1.1	1.6	2.1	1.8
1995	0.5	0.4	0.4	0.5	0.7	0.9	1.4	2.2	2.1	1.8
1994	0.5	0.5	0.4	0.4	0.7	1.0	1.3	1.8	2.0	2.3
1993	0.5	0.4	*	0.5	0.7	0.9	1.5	1.9	2.7	2.1
1992	0.5	0.5	0.4	0.6	0.6	0.9	1.3	1.8	2.2	1.8
1991	0.5	0.3	*	0.6	0.8	1.0	1.6	1.9	2.8	2.1
1990	0.5	0.3	0.4	0.6	0.7	1.2	1.3	2.2	2.7	1.8
1989	0.6	0.5	0.5	0.6	0.8	1.1	1.5	2.1	2.3	2.2
1988	0.5	0.3	*	0.6	0.7	1.3	1.6	2.3	1.8	1.3
1987	0.6	0.5	0.6	0.6	1.0	1.3	1.5	2.5	1.7	2.7
1986	0.6	0.5	0.4	0.7	0.9	1.7	2.0	2.1	2.2	2.2
1985	0.6	0.4	0.4	0.7	0.8	1.4	1.7	2.3	2.8	2.6
1984	0.6	0.5	0.4	0.7	1.0	1.3	2.1	1.7	2.6	2.2
1983	0.7	0.5	0.7	0.6	1.0	1.4	1.8	2.6	3.0	2.4
1982	0.7	0.6	0.6	0.9	1.1	1.7	1.7	3.0	3.6	2.9
1981	0.7	0.6	0.6	0.9	1.0	1.9	2.1	3.7	2.9	2.7
1980	0.8	0.6	0.9	1.2	1.4	1.7	2.0	2.7	3.1	3.0
1979	0.7	0.4	0.7	0.9	1.3	1.8	2.5	2.7	3.3	2.0
Hodgkin's disease (201)										
White, both sexes										
1998	0.5	0.4	0.6	0.6	0.6	1.1	1.7	1.8	2.4	1.8
1997	0.6	0.5	0.5	0.7	0.8	1.3	1.6	2.0	2.5	2.9
1996	0.6	0.6	0.6	0.7	0.8	1.2	1.5	1.9	2.5	2.2
1995	0.6	0.6	0.6	0.7	0.7	1.1	1.8	2.2	2.6	2.4
1994	0.6	0.6	0.6	0.6	1.0	1.4	1.8	2.0	2.3	2.5
1993	0.6	0.5	0.6	0.8	0.9	1.3	1.9	2.4	3.1	2.8
1992	0.7	0.7	0.8	0.7	1.0	1.4	1.9	2.2	2.9	2.4
1991	0.7	0.6	0.7	0.9	1.0	1.5	2.0	2.3	3.1	2.6
1990	0.7	0.6	0.6	1.0	1.2	1.3	1.9	2.4	3.1	2.5
1989	0.7	0.7	0.7	0.9	1.0	1.6	2.0	2.8	2.6	2.7
1988	0.7	0.6	0.8	0.8	1.1	1.6	1.9	2.6	2.5	1.9
1987	0.8	0.9	0.9	1.0	1.2	1.7	2.0	3.0	2.3	2.7
1986	0.8	0.7	0.7	0.9	1.2	2.1	2.6	2.8	2.6	2.7
1985	0.8	0.8	0.7	0.9	1.3	1.7	2.2	2.5	3.3	2.8
1984	0.9	0.9	0.9	1.1	1.6	1.9	2.7	2.5	3.4	3.0
1983	0.9	0.9	1.0	1.1	1.6	1.8	2.4	3.2	3.7	2.9
1982	0.9	0.8	0.8	1.2	1.7	2.0	2.6	3.2	3.9	3.4
1981	0.9	0.8	1.0	1.2	1.6	2.3	2.5	4.1	3.7	3.2
1980	1.0	1.0	1.3	1.3	1.7	2.3	3.0	3.4	3.8	3.4
1979	1.0	1.1	1.2	1.3	1.7	2.3	3.1	3.4	4.1	2.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hodgkin's disease (201)										
White, male										
1998	0.6	0.5	0.7	0.8	0.7	1.5	2.0	2.4	3.4	2.2
1997	0.6	0.7	0.5	0.8	0.8	1.8	1.8	2.3	3.2	3.0
1996	0.6	0.6	0.7	1.0	0.8	1.2	1.9	2.1	2.8	3.4
1995	0.6	0.7	0.8	1.0	0.7	1.3	2.2	1.9	3.3	3.7
1994	0.6	0.7	0.9	0.8	1.2	1.7	2.4	2.2	2.8	2.8
1993	0.7	0.6	1.0	1.1	1.2	1.8	2.3	3.0	3.4	4.4
1992	0.8	1.0	1.2	0.9	1.4	1.8	2.6	2.6	3.6	3.5
1991	0.8	0.8	1.1	1.1	1.1	2.1	2.3	2.8	3.4	3.5
1990	0.8	0.8	0.8	1.4	1.6	1.5	2.4	2.3	3.5	3.9
1989	0.9	1.0	0.9	1.2	1.4	2.1	2.5	3.6	2.9	3.9
1988	0.8	0.9	1.4	0.9	1.6	1.9	2.3	3.0	3.5	3.3
1987	0.9	1.2	1.1	1.4	1.5	2.1	2.6	3.7	3.4	2.8
1986	1.0	0.8	1.1	1.3	1.6	2.4	3.4	3.9	3.2	3.7
1985	0.9	1.1	1.0	1.1	1.9	2.1	2.8	2.5	4.1	3.1
1984	1.1	1.3	1.5	1.5	2.2	2.6	3.3	3.7	4.7	4.6
1983	1.0	1.1	1.3	1.5	2.2	2.3	3.0	4.0	4.9	3.6
1982	1.0	1.0	1.1	1.6	2.2	2.2	3.9	3.2	4.5	4.2
1981	1.1	1.0	1.4	1.6	2.2	2.6	3.0	4.4	4.7	4.2
1980	1.1	1.5	1.6	1.5	2.0	2.8	4.2	4.4	4.8	3.9
1979	1.2	1.7	1.7	1.6	2.2	2.7	3.8	4.2	5.4	3.7
Hodgkin's disease (201)										
White, female										
1998	0.4	0.3	0.4	0.4	0.5	0.9	1.5	1.5	1.9	1.6
1997	0.5	*	0.4	0.6	0.8	1.0	1.4	1.9	2.1	2.9
1996	0.5	0.6	0.5	0.5	0.8	1.3	1.2	1.7	2.3	1.7
1995	0.5	0.4	0.4	0.5	0.7	1.0	1.5	2.4	2.2	1.9
1994	0.5	0.4	0.4	0.4	0.7	1.1	1.3	1.9	2.1	2.3
1993	0.6	0.4	*	0.5	0.7	0.9	1.6	2.0	2.8	2.2
1992	0.6	0.5	0.4	0.6	0.6	1.0	1.4	1.9	2.4	2.0
1991	0.6	*	*	0.6	0.8	1.0	1.7	1.9	2.9	2.2
1990	0.6	0.3	*	0.6	0.8	1.1	1.4	2.4	2.8	1.9
1989	0.6	0.5	0.5	0.6	0.7	1.1	1.6	2.2	2.4	2.3
1988	0.6	0.4	*	0.6	0.6	1.3	1.7	2.3	1.9	1.4
1987	0.6	0.6	0.7	0.6	1.0	1.3	1.6	2.6	1.8	2.7
1986	0.7	0.5	*	0.6	0.9	1.8	2.1	2.1	2.2	2.3
1985	0.6	0.5	0.4	0.7	0.8	1.4	1.7	2.4	2.9	2.7
1984	0.7	0.5	0.4	0.8	1.1	1.4	2.2	1.8	2.7	2.3
1983	0.7	0.6	0.7	0.7	1.1	1.5	2.0	2.7	3.1	2.6
1982	0.8	0.6	0.6	1.0	1.2	1.8	1.7	3.2	3.6	3.0
1981	0.8	0.6	0.6	0.9	1.0	2.0	2.2	3.9	3.1	2.8
1980	0.8	0.6	1.0	1.2	1.5	1.9	2.1	2.7	3.3	3.3
1979	0.8	0.4	0.8	1.0	1.3	1.9	2.6	2.8	3.4	2.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hodgkin's disease (201)										
All other, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.6	1.3	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	1.6	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Hodgkin's disease (201)										
All other, male										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.7	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hodgkin's disease (201)										
All other, female										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Hodgkin's disease (201)										
Black, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.7	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hodgkin's disease (201)										
Black, male										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.6	*	*	*	*	*	*	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	*
1993	0.6	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.8	*	*	*	*	*	*	*	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.7	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.8	*	*	*	*	*	*	*	*	*
1984	1.0	*	*	*	*	*	*	*	*	*
1983	0.7	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.7	*	*	*	*	*	*	*	*	*
1980	0.8	*	*	*	*	*	*	*	*	*
1979	0.8	*	*	*	*	*	*	*	*	*
Hodgkin's disease (201)										
Black, female										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Non-Hodgkin's lymphoma (200,202)										
All races, both sexes										
1998	8.5	4.2	6.7	10.9	17.8	26.4	39.8	56.1	73.2	79.1
1997	8.7	4.4	7.4	11.7	18.5	27.1	40.2	56.1	71.9	78.2
1996	8.5	4.4	7.1	11.6	18.1	26.0	40.1	54.7	71.0	76.3
1995	8.5	4.5	7.6	11.8	17.3	26.6	39.7	54.5	66.7	77.3
1994	8.3	4.7	7.3	11.5	18.6	26.6	39.4	52.4	68.5	73.0
1993	7.9	4.5	6.8	11.1	16.9	25.5	37.4	50.7	65.8	70.9
1992	7.9	4.6	7.2	10.8	17.1	25.5	37.1	50.4	62.8	69.1
1991	7.8	5.3	6.8	11.3	16.8	24.8	36.8	48.6	63.7	69.4
1990	7.5	4.6	7.3	10.9	16.3	24.7	35.2	47.5	61.0	67.9
1989	7.4	4.8	6.5	10.8	16.7	24.0	35.4	46.9	61.2	64.9
1988	7.1	4.4	6.8	10.4	16.1	23.6	33.4	44.8	57.9	61.8
1987	6.8	4.2	6.4	10.3	15.3	22.9	33.9	43.6	56.8	58.2
1986	6.8	4.5	6.8	10.0	15.5	24.5	33.6	43.7	53.1	54.3
1985	6.5	4.3	6.5	10.2	16.3	22.8	30.9	42.5	51.8	53.5
1984	6.2	3.9	6.5	10.1	15.3	22.1	30.8	38.7	51.6	50.4
1983	6.1	4.2	6.5	10.2	15.1	21.8	31.2	39.0	48.4	49.0
1982	6.0	4.1	7.0	10.0	14.8	20.9	28.8	39.1	48.0	46.8
1981	5.6	3.7	6.2	9.6	15.0	20.1	26.2	36.6	44.7	44.1
1980	5.6	4.0	6.4	10.1	14.4	19.6	29.3	35.5	44.9	43.4
1979	5.4	4.0	6.4	9.2	14.5	20.0	27.4	33.8	40.6	39.6
Non-Hodgkin's lymphoma (200,202)										
All races, male										
1998	9.1	5.6	8.8	13.4	22.3	32.3	47.9	66.9	89.5	106.8
1997	9.3	6.1	9.7	14.6	22.1	33.3	48.8	68.5	87.7	96.9
1996	9.1	6.0	8.8	14.6	22.6	30.9	48.8	65.6	88.8	100.0
1995	9.0	5.9	9.7	14.2	21.7	32.7	47.2	63.6	82.6	98.9
1994	8.8	6.2	9.1	14.1	22.9	31.4	46.8	63.8	82.6	100.0
1993	8.3	6.0	8.5	13.4	20.0	30.2	43.1	60.9	81.1	91.6
1992	8.4	6.1	9.5	13.3	20.9	30.3	44.4	61.7	78.8	89.4
1991	8.2	7.0	8.7	14.5	19.9	29.8	42.7	57.3	77.2	90.1
1990	8.1	6.1	9.6	14.0	21.0	29.5	42.7	58.6	76.6	88.7
1989	7.8	6.2	8.4	13.6	20.4	28.2	42.9	56.6	73.2	85.4
1988	7.5	5.9	8.5	13.3	20.0	27.6	40.1	54.0	69.4	80.9
1987	7.1	5.3	8.0	12.8	18.0	27.9	40.5	52.8	65.7	69.4
1986	7.3	6.0	8.4	12.4	18.6	29.7	41.1	51.8	64.9	66.6
1985	7.0	5.7	7.9	12.1	19.4	27.9	37.5	54.6	64.5	69.1
1984	6.5	5.1	7.5	12.5	18.1	25.2	37.7	44.6	61.5	64.8
1983	6.5	5.0	7.8	12.7	18.3	25.2	38.9	48.1	55.3	62.0
1982	6.3	5.2	8.5	11.5	18.6	24.7	34.5	48.2	55.8	58.4
1981	5.9	4.7	7.8	11.4	17.5	23.4	31.6	42.6	52.3	55.2
1980	6.0	4.6	8.3	12.3	17.4	23.2	34.4	40.2	54.0	53.0
1979	5.9	5.1	7.7	10.8	17.4	25.3	33.6	42.0	50.6	52.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Non-Hodgkin's lymphoma (200,202)										
All races, female										
1998	8.0	2.8	4.7	8.5	13.7	21.4	33.5	48.6	63.7	68.1
1997	8.1	2.7	5.2	8.9	15.2	21.9	33.7	47.5	62.8	70.9
1996	8.0	2.9	5.5	8.7	14.0	21.8	33.5	47.2	61.0	67.2
1995	8.0	3.0	5.6	9.6	13.3	21.6	34.0	48.3	57.9	69.0
1994	7.8	3.3	5.5	9.1	14.7	22.6	33.7	44.7	60.7	62.6
1993	7.6	3.0	5.1	8.9	14.2	21.6	33.0	44.0	57.4	63.0
1992	7.3	3.1	5.1	8.4	13.7	21.6	31.5	43.1	54.1	61.3
1991	7.4	3.6	5.0	8.3	14.2	20.8	32.5	42.9	56.4	61.4
1990	6.9	3.1	5.1	8.1	12.3	20.9	29.7	40.4	52.6	59.9
1989	6.9	3.4	4.7	8.3	13.5	20.6	30.0	40.6	54.9	56.9
1988	6.7	3.0	5.2	7.9	12.7	20.3	28.5	39.0	51.8	54.4
1987	6.5	3.2	4.9	8.0	13.0	18.8	29.1	37.8	52.1	53.8
1986	6.4	3.0	5.3	7.9	12.9	20.4	28.1	38.6	46.9	49.4
1985	6.1	3.0	5.2	8.6	13.6	18.7	26.1	34.9	45.1	47.3
1984	6.0	2.8	5.5	8.0	12.8	19.5	25.7	35.0	46.4	44.6
1983	5.8	3.4	5.2	8.1	12.2	19.0	25.5	33.2	44.8	43.7
1982	5.6	3.1	5.6	8.6	11.5	17.9	24.6	33.4	44.0	42.0
1981	5.3	2.8	4.8	8.0	12.9	17.4	22.4	32.8	40.7	39.4
1980	5.3	3.4	4.7	8.1	11.8	16.8	25.7	32.6	40.1	39.3
1979	4.9	2.9	5.2	7.8	12.0	15.8	22.9	28.7	35.3	33.9
Non-Hodgkin's lymphoma (200,202)										
White, both sexes										
1998	9.5	4.1	6.8	11.2	18.7	27.8	41.8	58.8	76.5	83.1
1997	9.7	4.4	7.4	12.2	19.3	28.6	42.1	58.6	75.1	81.8
1996	9.5	4.5	7.3	12.1	18.9	27.4	41.8	57.4	73.7	80.1
1995	9.4	4.6	7.7	12.5	18.0	28.0	41.8	57.1	70.0	80.8
1994	9.3	4.7	7.7	12.0	19.2	28.2	41.4	55.3	71.3	76.4
1993	8.8	4.5	6.8	11.5	17.9	26.5	39.4	53.2	68.6	74.2
1992	8.7	4.7	7.5	11.2	17.6	26.7	38.9	52.6	65.6	72.1
1991	8.6	5.5	7.0	11.7	17.5	25.7	38.4	50.6	66.1	73.2
1990	8.2	4.6	7.4	11.1	17.0	25.7	36.8	49.9	64.1	71.1
1989	8.1	4.8	6.6	11.3	17.4	25.0	37.1	48.6	64.1	68.4
1988	7.8	4.4	6.9	10.7	17.0	24.5	35.1	47.2	60.4	64.4
1987	7.5	4.3	6.6	10.9	16.1	23.9	35.4	45.6	59.3	60.9
1986	7.5	4.7	7.0	10.3	16.4	25.6	34.9	45.7	55.3	56.8
1985	7.2	4.4	6.8	10.6	16.9	23.9	32.4	44.4	53.8	55.9
1984	6.8	4.0	6.8	10.4	15.9	23.2	32.1	40.8	54.1	53.4
1983	6.7	4.3	6.7	10.6	15.6	22.8	32.8	40.9	50.4	51.3
1982	6.5	4.4	7.2	10.5	15.3	21.9	29.9	40.9	49.7	49.3
1981	6.1	3.9	6.4	10.1	15.4	20.9	27.2	38.8	46.9	45.8
1980	6.1	4.2	6.6	10.4	14.9	20.5	30.7	37.0	46.7	45.2
1979	5.8	4.0	6.6	9.6	15.0	20.9	28.6	35.7	42.5	41.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Non-Hodgkin's lymphoma (200,202)										
White, male										
1998	10.1	5.5	8.9	13.8	23.3	33.7	50.5	69.8	93.4	112.9
1997	10.2	5.9	9.7	15.3	23.0	34.9	50.6	70.9	90.8	101.0
1996	10.0	5.9	9.0	15.1	23.4	32.5	50.4	68.6	91.6	105.5
1995	9.9	6.1	9.6	15.0	22.4	34.1	49.4	66.6	86.1	103.8
1994	9.8	6.2	9.5	14.6	23.5	33.2	49.0	67.4	86.1	105.5
1993	9.1	5.9	8.5	14.1	21.1	31.0	44.9	63.2	84.8	94.8
1992	9.2	6.2	9.8	13.8	21.4	31.6	46.4	64.4	82.4	94.2
1991	9.0	7.3	8.9	15.0	20.3	30.9	44.2	59.4	80.3	96.4
1990	8.8	6.1	9.8	14.3	21.7	30.3	44.5	61.6	80.6	92.9
1989	8.5	6.2	8.6	14.1	21.1	29.3	44.7	58.6	76.7	89.5
1988	8.1	5.7	8.4	13.5	21.0	28.5	41.5	56.6	72.7	84.8
1987	7.7	5.3	8.3	13.5	18.9	28.8	42.0	54.8	69.2	71.7
1986	7.8	6.3	8.5	12.5	19.6	30.6	42.3	53.4	66.8	70.9
1985	7.7	5.7	8.3	12.5	20.1	29.0	39.3	57.5	67.1	73.8
1984	7.1	5.1	7.8	12.7	18.7	26.7	39.5	47.4	64.2	69.3
1983	7.0	4.9	8.2	12.9	18.7	26.3	40.9	50.3	57.8	64.4
1982	6.9	5.5	8.6	12.0	19.0	25.9	35.7	50.9	57.1	62.2
1981	6.3	4.9	8.0	12.0	17.9	24.5	32.5	45.4	54.5	57.6
1980	6.4	4.8	8.5	12.5	18.0	23.7	35.8	41.8	56.0	55.9
1979	6.3	5.2	7.8	11.2	17.7	26.5	35.0	44.9	53.1	54.8
Non-Hodgkin's lymphoma (200,202)										
White, female										
1998	9.0	2.8	4.8	8.6	14.6	22.6	35.0	51.1	66.6	71.4
1997	9.2	2.8	5.2	9.2	15.8	23.1	35.5	50.1	66.1	74.3
1996	9.0	3.1	5.8	9.2	14.7	23.1	35.2	49.8	63.5	70.4
1995	9.0	3.2	5.8	10.1	13.9	22.7	35.9	50.6	61.1	72.1
1994	8.8	3.1	5.8	9.5	15.3	24.0	35.5	47.2	63.1	65.3
1993	8.5	3.1	5.2	9.1	15.0	22.8	35.1	46.5	59.8	66.4
1992	8.2	3.3	5.3	8.7	14.2	22.8	33.2	44.8	56.6	63.7
1991	8.2	3.8	5.2	8.5	14.9	21.4	33.9	44.8	58.7	64.4
1990	7.7	3.2	5.0	8.1	12.9	22.0	31.0	42.3	55.4	62.8
1989	7.7	3.4	4.8	8.7	14.1	21.5	31.4	42.2	57.4	60.4
1988	7.4	3.1	5.4	8.1	13.4	21.2	30.3	41.2	53.9	56.6
1987	7.2	3.2	5.0	8.5	13.6	19.8	30.6	39.8	54.1	56.7
1986	7.1	3.1	5.5	8.3	13.7	21.5	29.4	40.8	49.3	51.2
1985	6.7	3.1	5.4	8.9	14.2	19.7	27.4	36.2	46.9	48.9
1984	6.6	2.9	5.8	8.3	13.4	20.4	26.8	36.6	48.8	47.1
1983	6.4	3.7	5.4	8.5	12.8	19.9	27.0	35.0	46.5	46.0
1982	6.2	3.3	5.9	9.1	12.0	18.7	25.8	34.7	45.8	44.0
1981	5.9	3.0	4.9	8.5	13.2	18.0	23.4	34.7	42.9	40.9
1980	5.8	3.5	4.9	8.4	12.3	17.9	27.0	34.1	41.8	40.6
1979	5.3	2.9	5.4	8.1	12.6	16.4	24.0	30.0	36.9	35.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Non-Hodgkin's lymphoma (200,202)										
All other, both sexes										
1998	3.9	4.3	6.3	9.0	11.7	17.3	23.9	31.6	39.8	39.5
1997	4.2	4.4	7.0	8.6	13.6	17.0	24.9	32.6	39.1	42.9
1996	4.0	4.3	6.0	8.5	12.9	15.8	25.6	29.2	44.3	38.9
1995	3.8	3.6	6.8	7.6	12.6	16.6	21.3	29.8	33.2	42.0
1994	3.7	4.9	4.9	8.6	14.6	14.5	21.6	24.5	40.4	38.3
1993	3.7	4.4	6.4	8.5	10.3	17.3	20.0	27.5	36.9	37.2
1992	3.7	3.9	5.4	8.2	13.0	15.4	20.4	29.9	33.4	38.3
1991	3.7	3.7	5.5	8.7	12.3	17.4	22.9	29.2	37.9	29.2
1990	3.5	4.3	6.6	9.4	10.8	16.4	21.0	25.7	28.6	34.9
1989	3.5	4.4	5.5	7.6	11.4	15.4	20.6	30.2	31.4	27.7
1988	3.3	4.5	6.3	8.8	9.1	15.7	18.0	22.3	31.6	34.3
1987	3.0	4.0	4.9	6.2	9.4	14.2	20.0	24.9	30.2	30.0
1986	3.2	3.4	5.7	7.6	8.2	15.5	22.0	24.9	29.6	27.7
1985	3.0	3.8	4.3	7.2	11.0	13.7	17.4	24.6	29.6	26.9
1984	2.8	3.5	4.3	7.7	10.3	11.8	18.1	19.2	24.2	18.0
1983	2.8	3.7	4.6	7.4	10.6	12.8	15.5	20.4	26.3	24.0
1982	2.7	2.5	5.4	5.8	10.4	12.2	17.6	21.4	29.4	19.5
1981	2.6	2.5	4.8	5.2	11.5	12.6	16.7	15.2	19.1	25.3
1980	2.7	2.9	4.9	7.9	9.1	12.0	16.1	20.6	24.4	23.4
1979	2.5	3.6	5.0	6.4	10.4	12.2	15.5	15.9	18.3	20.1
Non-Hodgkin's lymphoma (200,202)										
All other, male										
1998	4.4	6.0	8.6	10.7	15.6	21.9	25.5	39.1	48.5	49.7
1997	4.9	6.7	9.8	10.3	16.2	20.8	32.5	45.5	54.8	58.3
1996	4.7	6.7	8.1	11.5	17.2	18.8	34.3	36.7	59.0	49.5
1995	4.4	5.2	10.0	9.0	16.8	21.1	26.3	34.4	46.1	53.2
1994	4.1	5.9	6.3	11.4	19.2	16.5	25.9	27.9	47.0	48.2
1993	4.3	6.3	8.5	9.2	12.3	22.9	26.6	38.5	43.7	61.7
1992	4.3	5.7	7.3	10.2	17.1	19.3	25.3	35.0	42.3	45.0
1991	4.2	5.4	7.4	10.8	16.5	20.1	27.8	36.1	46.5	31.7
1990	4.1	6.2	8.2	11.3	15.3	22.0	25.0	30.4	37.2	49.1
1989	4.1	5.9	7.3	10.0	14.3	18.8	25.3	37.4	38.0	48.1
1988	3.9	6.7	8.8	11.6	11.3	19.7	26.0	29.2	36.8	44.3
1987	3.6	5.1	6.2	7.9	10.5	20.0	26.4	34.4	30.4	48.1
1986	3.9	4.4	7.7	11.0	10.3	20.7	29.9	36.7	46.3	26.7
1985	3.4	5.4	4.9	8.5	13.8	17.8	21.0	27.2	37.5	*
1984	3.1	5.0	5.4	10.3	12.8	12.1	21.3	18.8	34.7	*
1983	3.4	5.8	5.1	10.8	15.0	15.0	20.1	27.9	28.9	39.1
1982	3.2	3.0	7.8	7.4	14.1	14.2	23.5	23.0	41.5	*
1981	2.9	3.2	5.7	6.4	13.4	12.8	22.6	16.7	28.6	31.3
1980	3.2	3.3	6.8	10.5	11.4	18.7	21.4	25.1	32.1	*
1979	2.9	4.5	6.5	7.3	14.7	14.0	20.5	15.8	24.4	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Non-Hodgkin's lymphoma (200,202)										
All other, female										
1998	3.6	2.9	4.3	7.6	8.6	13.8	22.8	26.8	35.2	35.2
1997	3.5	2.4	4.6	7.1	11.5	14.1	19.7	24.4	30.7	36.5
1996	3.3	2.2	4.2	6.0	9.6	13.5	19.6	24.5	36.5	34.4
1995	3.3	2.2	4.0	6.5	9.3	13.3	17.8	27.0	26.4	37.2
1994	3.3	4.1	3.6	6.4	11.1	13.0	18.7	22.4	36.8	34.1
1993	3.1	2.8	4.6	7.9	8.8	13.2	15.5	20.7	33.1	26.7
1992	3.2	2.2	3.8	6.5	9.7	12.4	17.0	26.7	28.4	35.4
1991	3.3	2.2	3.9	7.1	9.0	15.5	19.6	25.0	33.1	28.1
1990	3.0	2.6	5.2	7.8	7.5	12.2	18.3	22.7	23.7	28.5
1989	2.9	3.1	4.1	5.6	9.3	13.0	17.3	25.6	27.8	18.2
1988	2.7	2.6	4.1	6.6	7.4	12.6	12.5	17.9	28.4	29.6
1987	2.6	3.0	3.8	4.7	8.6	9.9	15.6	18.8	30.1	21.5
1986	2.5	2.5	4.0	4.8	6.6	11.6	16.5	17.3	20.1	28.2
1985	2.7	2.4	3.8	6.1	8.8	10.6	14.9	22.9	25.0	28.0
1984	2.4	*	3.4	5.6	8.4	11.5	16.0	19.4	18.0	15.9
1983	2.3	*	4.1	4.7	7.1	11.1	12.3	15.3	24.8	16.5
1982	2.2	*	3.6	4.6	7.4	10.7	13.2	20.4	22.3	18.0
1981	2.4	*	4.1	4.2	10.0	12.4	12.4	14.2	13.3	22.0
1980	2.2	2.6	3.4	5.7	7.3	6.9	12.2	17.5	19.7	23.6
1979	2.2	2.9	3.9	5.6	7.0	10.8	11.8	15.9	14.5	17.5
Non-Hodgkin's lymphoma (200,202)										
Black, both sexes										
1998	4.3	5.4	7.9	11.0	13.5	17.8	23.6	27.6	38.1	36.0
1997	4.5	5.3	8.0	9.0	15.3	17.8	26.4	29.8	38.9	38.7
1996	4.4	5.4	7.3	9.9	15.1	17.1	24.1	28.0	42.7	36.5
1995	4.1	4.5	8.0	8.0	13.3	17.9	21.6	28.6	30.6	38.0
1994	3.9	5.8	5.6	9.8	15.1	15.2	22.4	22.5	37.5	32.5
1993	4.0	5.6	7.4	10.0	11.5	18.5	19.5	27.5	35.0	32.1
1992	4.0	4.5	6.3	8.7	13.8	16.2	20.3	27.5	31.4	35.8
1991	4.0	4.0	6.0	10.1	12.3	17.7	23.8	28.9	37.3	29.1
1990	3.8	5.0	7.7	10.4	11.3	17.0	19.7	25.4	27.1	32.3
1989	3.8	5.1	6.1	8.3	11.8	16.1	20.3	29.4	29.4	25.5
1988	3.5	5.3	6.8	10.0	9.4	15.7	17.8	21.6	29.0	34.6
1987	3.3	4.6	5.6	6.7	10.0	15.2	19.6	24.6	27.8	26.9
1986	3.5	4.1	6.5	7.7	8.9	16.0	22.3	23.6	28.2	26.9
1985	3.2	4.1	4.2	7.4	11.6	13.7	18.1	25.1	27.8	26.2
1984	3.0	3.8	4.2	8.3	10.8	11.6	18.3	19.4	25.4	15.8
1983	3.0	4.0	4.9	8.2	11.4	13.9	15.9	19.9	26.9	20.7
1982	2.9	2.8	5.7	6.1	10.8	12.6	17.7	21.1	28.0	18.8
1981	2.8	2.5	4.9	5.6	12.3	12.9	17.4	14.4	19.6	25.0
1980	2.8	3.0	5.5	8.1	9.3	11.0	15.8	20.4	26.0	23.3
1979	2.6	3.7	5.3	7.0	10.4	12.4	14.4	14.1	19.9	14.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Non-Hodgkin's Lymphoma (200,202)										
Black, male										
1998	4.7	7.7	11.0	12.8	18.4	22.2	27.1	33.4	46.0	43.1
1997	5.3	8.0	11.6	10.2	18.4	21.9	34.0	41.1	52.9	52.9
1996	5.2	8.5	9.8	13.5	20.5	21.9	30.9	32.8	57.4	46.5
1995	4.9	6.7	12.1	10.0	19.1	23.1	26.5	32.8	43.9	44.9
1994	4.4	7.2	7.2	13.1	19.5	19.0	27.0	24.8	38.5	38.6
1993	4.7	7.9	10.7	11.4	13.9	24.4	24.4	38.6	39.1	47.7
1992	4.6	6.6	8.4	10.6	17.8	21.5	24.9	31.5	40.2	39.2
1991	4.5	6.2	8.2	12.3	16.7	21.2	26.7	34.0	46.8	31.9
1990	4.5	7.4	10.6	12.8	15.8	23.0	22.5	29.7	38.6	45.3
1989	4.5	7.1	8.4	11.5	14.8	19.9	23.8	34.8	36.1	43.9
1988	4.3	8.4	9.5	13.3	12.2	19.3	26.4	28.2	31.9	50.8
1987	3.9	6.2	7.1	9.1	11.3	21.3	27.3	33.1	25.0	43.8
1986	4.2	5.3	8.8	11.6	11.3	21.0	29.8	34.3	38.9	*
1985	3.6	6.0	5.0	8.4	14.5	18.9	20.7	28.8	31.0	*
1984	3.4	5.4	5.8	11.1	13.5	12.5	21.6	18.0	40.5	*
1983	3.7	6.7	5.6	11.6	15.6	17.0	20.5	27.9	30.5	35.0
1982	3.4	*	8.1	7.8	13.9	14.1	25.2	19.9	35.0	*
1981	3.1	*	5.9	6.6	14.5	12.9	24.3	15.8	32.5	*
1980	3.3	3.9	7.7	10.9	11.1	17.8	21.3	23.5	36.0	*
1979	3.0	5.0	6.6	8.2	14.8	14.5	18.1	12.4	26.0	*
Non-Hodgkin's Lymphoma (200,202)										
Black, female										
1998	3.8	3.4	5.2	9.4	9.8	14.5	21.3	24.0	34.2	33.4
1997	3.8	3.0	5.1	8.0	12.8	14.7	21.4	23.0	32.2	33.3
1996	3.7	2.7	5.2	6.9	11.0	13.6	19.6	25.1	35.6	32.7
1995	3.5	2.6	4.7	6.4	8.9	14.1	18.3	26.1	24.1	35.4
1994	3.5	4.6	4.2	7.1	11.7	12.5	19.4	21.2	37.0	30.2
1993	3.4	3.7	4.6	8.9	9.7	14.2	16.2	21.1	33.0	25.9
1992	3.4	2.7	4.6	7.3	10.7	12.3	17.2	25.2	26.9	34.5
1991	3.6	*	4.2	8.4	9.0	15.2	21.9	26.0	32.4	28.0
1990	3.2	2.9	5.4	8.4	7.9	12.6	17.9	23.0	21.1	26.9
1989	3.1	3.4	4.2	5.7	9.6	13.4	18.1	26.2	25.9	17.6
1988	2.9	2.7	4.6	7.4	7.3	13.0	12.1	17.6	27.5	27.5
1987	2.8	3.3	4.4	4.8	9.0	10.7	14.6	19.4	29.2	19.4
1986	2.8	3.0	4.7	4.6	7.0	12.4	17.3	17.1	22.4	27.5
1985	2.9	*	3.6	6.5	9.3	10.0	16.4	22.7	25.9	27.8
1984	2.6	*	*	6.0	8.7	10.9	16.1	20.3	17.1	*
1983	2.4	*	4.4	5.5	8.1	11.6	12.8	14.7	24.8	*
1982	2.4	*	3.7	4.8	8.5	11.5	12.5	21.9	23.9	*
1981	2.5	*	4.2	4.8	10.5	12.9	12.6	13.5	*	22.1
1980	2.3	*	3.7	5.8	7.8	6.1	11.8	18.3	20.0	23.6
1979	2.2	*	4.2	5.9	6.8	10.8	11.8	15.3	16.1	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Leukemia (204-208)										
All races, both sexes										
1998	7.4	3.2	4.6	7.6	13.1	20.7	33.2	46.2	60.8	76.9
1997	7.5	3.3	5.1	8.4	14.0	21.6	33.2	44.9	59.6	79.0
1996	7.6	3.4	5.3	8.5	13.8	21.7	33.8	46.2	61.5	79.9
1995	7.6	3.4	5.0	8.4	14.5	21.1	33.4	47.2	62.1	80.4
1994	7.5	3.5	5.6	8.5	14.6	21.0	32.3	44.5	60.2	81.2
1993	7.5	3.6	5.6	8.6	14.6	22.2	32.1	45.0	58.8	80.6
1992	7.5	3.7	5.7	9.3	14.2	22.2	31.5	45.0	60.4	79.9
1991	7.5	3.9	5.7	9.2	14.2	21.3	33.1	45.7	59.2	80.9
1990	7.5	3.8	6.0	9.2	14.0	21.3	32.7	45.2	60.6	79.2
1989	7.4	3.8	5.5	9.0	14.8	21.2	33.5	43.5	59.9	75.5
1988	7.2	3.9	5.7	8.9	13.5	20.1	30.7	43.7	60.3	77.4
1987	7.1	3.9	5.9	8.8	13.8	20.5	30.3	42.7	57.8	76.6
1986	7.2	4.0	5.8	9.2	13.9	21.0	31.2	43.2	60.9	75.8
1985	7.3	4.2	5.9	9.2	14.5	21.8	31.1	44.1	59.3	78.4
1984	7.2	4.2	6.5	9.5	14.2	21.6	30.9	42.8	60.1	76.6
1983	7.2	4.3	6.2	8.7	14.2	21.3	30.9	44.2	57.1	79.3
1982	7.2	4.1	5.9	8.6	13.8	21.4	30.5	45.8	60.8	78.7
1981	7.1	4.3	5.8	9.1	14.0	20.7	31.3	44.3	61.6	73.1
1980	7.3	4.5	6.1	9.5	14.6	20.5	32.8	43.7	62.1	78.2
1979	7.1	4.4	6.4	9.1	14.0	20.5	31.9	43.0	62.4	76.1
Leukemia (204-208)										
All races, male										
1998	8.3	3.6	5.5	9.3	16.6	28.1	45.9	64.9	86.0	105.8
1997	8.4	3.8	5.9	10.1	17.7	29.7	45.5	62.6	87.9	116.9
1996	8.5	4.2	6.2	10.4	17.9	28.8	46.3	63.7	85.2	121.8
1995	8.6	3.8	6.0	10.3	18.8	28.8	46.6	66.9	89.5	122.2
1994	8.4	4.0	6.6	10.4	19.4	28.0	44.3	63.0	86.3	117.7
1993	8.5	3.9	6.8	10.9	18.6	30.7	43.6	63.6	85.0	114.9
1992	8.5	4.2	6.5	11.7	18.1	30.8	42.3	64.4	86.8	116.0
1991	8.3	4.6	6.5	10.8	18.3	27.8	46.4	62.2	83.0	111.4
1990	8.4	4.2	7.4	11.3	18.2	29.1	45.2	63.4	87.0	116.0
1989	8.3	4.5	6.4	10.8	19.1	29.4	45.5	64.4	86.0	102.3
1988	8.2	4.5	6.7	11.1	17.3	26.9	42.6	64.2	86.0	112.1
1987	8.0	4.2	6.6	10.6	17.9	27.2	41.6	60.6	84.6	104.8
1986	8.2	4.5	6.6	11.1	17.6	27.9	44.1	62.4	88.5	110.3
1985	8.2	4.5	7.1	11.1	18.5	28.6	42.7	61.3	86.0	114.8
1984	8.1	4.6	7.4	11.6	18.0	28.4	41.9	59.1	86.6	110.3
1983	8.2	4.9	7.3	10.7	18.4	29.0	42.6	63.1	81.3	120.6
1982	8.2	4.8	6.9	10.7	17.9	29.2	41.9	65.0	90.4	115.2
1981	8.1	5.0	6.5	11.7	18.2	28.6	44.0	62.1	91.2	105.0
1980	8.4	5.0	7.4	11.5	18.6	27.5	45.8	62.6	87.7	117.1
1979	8.1	4.9	7.2	11.4	17.8	28.0	44.6	60.2	88.2	116.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Leukemia (204-208)										
All races, female										
1998	6.5	2.8	3.8	6.0	10.1	14.4	23.3	33.4	46.3	65.4
1997	6.5	2.7	4.3	6.8	10.7	14.8	23.7	32.8	43.5	64.2
1996	6.7	2.7	4.5	6.8	10.2	15.8	24.3	34.3	48.2	63.6
1995	6.6	3.0	4.0	6.7	10.8	14.6	23.4	33.9	46.9	64.4
1994	6.6	3.0	4.6	6.8	10.3	15.3	23.2	32.2	45.9	67.3
1993	6.6	3.3	4.5	6.4	11.0	15.3	23.3	32.5	44.6	67.5
1992	6.6	3.3	4.9	7.1	10.8	15.2	23.3	32.1	46.2	66.2
1991	6.8	3.2	4.9	7.6	10.5	16.1	23.0	35.0	46.5	69.2
1990	6.6	3.5	4.8	7.2	10.3	15.0	23.4	33.4	46.5	65.0
1989	6.5	3.2	4.7	7.3	11.0	14.6	24.7	30.1	46.1	65.1
1988	6.3	3.3	4.8	6.9	10.2	14.5	22.0	30.6	46.8	63.9
1987	6.4	3.7	5.2	7.3	10.3	15.0	22.1	31.3	43.7	65.5
1986	6.3	3.5	5.1	7.4	10.8	15.4	21.9	31.1	46.4	62.1
1985	6.4	3.8	4.8	7.6	10.9	16.3	22.7	33.3	45.3	63.9
1984	6.4	3.8	5.6	7.7	10.9	16.1	22.9	32.5	46.2	63.0
1983	6.2	3.7	5.2	6.9	10.5	15.2	22.5	32.3	44.3	62.4
1982	6.3	3.5	5.0	6.7	10.2	15.1	22.2	33.7	45.2	63.5
1981	6.1	3.7	5.2	6.9	10.4	14.4	22.1	33.1	46.0	59.5
1980	6.3	3.9	4.9	7.6	11.1	14.9	23.4	31.9	48.5	61.1
1979	6.1	4.0	5.8	7.0	10.8	14.4	22.7	32.2	48.5	58.3
Leukemia (204-208)										
White, both sexes										
1998	8.0	3.1	4.6	7.4	13.3	21.3	34.3	47.8	62.2	78.9
1997	8.1	3.3	5.1	8.5	14.2	22.4	33.7	46.4	61.5	81.9
1996	8.2	3.4	5.3	8.6	14.1	22.0	34.5	47.5	62.8	81.7
1995	8.2	3.3	4.9	8.5	14.8	21.6	34.1	48.4	63.7	83.1
1994	8.1	3.5	5.7	8.7	14.6	21.6	33.0	45.6	61.9	83.3
1993	8.1	3.5	5.6	8.6	14.7	22.7	32.8	46.0	59.8	82.6
1992	8.1	3.8	5.6	9.3	14.6	22.7	32.1	46.1	62.0	82.5
1991	8.1	3.9	5.6	9.0	14.5	21.6	33.9	47.0	60.3	82.7
1990	8.0	3.8	6.1	9.1	14.0	21.5	33.5	46.2	62.0	81.5
1989	7.9	3.9	5.5	9.0	14.9	21.5	34.0	44.9	61.0	77.3
1988	7.7	3.9	5.8	9.0	13.9	20.2	31.3	44.5	61.3	79.3
1987	7.6	4.0	5.8	8.8	14.0	20.8	30.8	43.5	59.1	78.6
1986	7.7	4.1	5.9	9.2	13.8	21.3	32.0	44.5	61.8	77.7
1985	7.8	4.2	6.0	9.2	14.5	22.1	31.4	45.9	60.0	81.2
1984	7.7	4.3	6.3	9.6	14.4	22.0	31.2	44.0	61.6	79.5
1983	7.6	4.3	6.1	8.8	14.2	21.5	31.3	45.2	58.6	81.8
1982	7.7	4.2	5.8	8.5	13.6	21.9	31.1	46.7	62.2	82.2
1981	7.5	4.3	5.8	9.1	14.4	20.9	32.1	45.3	62.9	75.6
1980	7.7	4.4	6.1	9.4	14.8	20.9	33.7	45.0	63.8	81.0
1979	7.5	4.4	6.5	9.1	14.1	20.8	32.7	44.6	64.1	78.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Leukemia (204-208)										
White, male										
1998	9.0	3.4	5.5	9.2	16.8	29.0	47.3	67.1	88.2	108.5
1997	9.2	3.9	5.9	10.4	17.7	30.9	46.1	64.3	91.0	122.3
1996	9.2	4.2	6.2	10.4	18.1	29.1	47.1	65.6	86.8	125.0
1995	9.4	3.8	5.8	10.3	19.0	29.3	47.5	68.7	92.3	127.3
1994	9.1	4.0	6.7	10.5	19.3	28.7	45.0	64.4	89.2	121.5
1993	9.1	3.9	6.8	10.8	18.8	31.3	44.9	64.9	86.9	119.6
1992	9.1	4.2	6.2	11.6	18.6	31.7	43.1	65.4	89.7	121.2
1991	8.8	4.4	6.4	10.6	18.9	28.2	47.7	63.2	84.7	114.2
1990	9.0	4.1	7.4	11.4	18.3	29.2	45.9	64.9	89.7	120.7
1989	8.9	4.6	6.3	10.7	19.2	29.6	46.0	66.4	86.4	104.9
1988	8.7	4.5	6.9	11.1	17.6	27.1	43.3	65.5	89.1	115.0
1987	8.5	4.2	6.7	10.5	18.1	27.5	42.6	62.1	86.6	107.9
1986	8.7	4.6	6.7	11.2	17.5	28.2	45.2	64.7	90.6	114.9
1985	8.7	4.5	7.0	11.0	18.7	29.2	43.1	63.5	86.9	119.6
1984	8.6	4.5	7.3	11.8	18.2	28.9	42.5	60.4	89.7	115.9
1983	8.7	5.0	7.1	11.1	18.3	29.2	43.6	65.1	84.0	125.6
1982	8.7	4.8	6.9	10.7	17.8	29.9	43.0	66.3	92.8	120.8
1981	8.6	4.9	6.5	11.7	18.7	29.1	45.6	64.2	93.6	109.4
1980	8.8	5.0	7.5	11.4	19.0	27.8	47.0	65.4	90.1	121.6
1979	8.6	4.8	7.3	11.4	17.9	28.6	45.8	63.0	90.7	121.1
Leukemia (204-208)										
White, female										
1998	7.1	2.7	3.7	5.7	10.1	14.7	23.9	34.3	47.1	67.2
1997	7.1	2.8	4.3	6.8	10.9	15.1	24.0	33.9	44.5	66.2
1996	7.2	2.6	4.5	6.8	10.5	16.0	24.7	35.1	49.1	65.0
1995	7.1	2.9	4.0	6.8	11.0	15.1	23.8	34.6	47.7	66.3
1994	7.1	3.0	4.7	7.0	10.3	15.7	23.7	32.9	46.9	68.9
1993	7.1	3.2	4.5	6.5	11.0	15.6	23.5	33.5	45.1	68.7
1992	7.2	3.4	5.0	7.0	10.9	15.3	23.7	33.3	47.1	68.0
1991	7.3	3.3	4.8	7.6	10.5	16.2	23.5	36.4	47.4	70.8
1990	7.1	3.5	4.8	7.1	10.2	15.3	24.2	34.2	47.4	66.6
1989	7.0	3.2	4.8	7.5	11.1	14.9	25.0	31.0	47.6	66.8
1988	6.7	3.4	4.8	6.9	10.6	14.5	22.3	31.1	46.9	65.5
1987	6.8	3.7	5.0	7.3	10.3	15.3	22.1	31.8	44.8	67.2
1986	6.8	3.6	5.1	7.3	10.5	15.6	22.4	31.9	46.8	63.2
1985	6.9	3.8	5.0	7.5	10.8	16.4	22.9	34.8	46.0	66.2
1984	6.9	4.0	5.4	7.6	11.1	16.4	22.9	33.8	47.0	65.1
1983	6.6	3.7	5.2	6.8	10.6	15.3	22.4	32.8	45.3	64.2
1982	6.7	3.6	4.8	6.5	10.0	15.5	22.5	34.4	46.2	66.4
1981	6.5	3.8	5.2	6.7	10.7	14.3	22.4	33.6	46.8	61.4
1980	6.7	3.7	4.9	7.7	11.2	15.4	24.1	32.2	49.9	63.5
1979	6.5	4.1	5.7	7.0	10.9	14.5	23.3	33.2	50.0	59.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Leukemia (204-208)										
All other, both sexes										
1998	4.3	3.8	4.9	8.7	12.2	16.2	24.6	32.7	46.5	56.9
1997	4.2	2.9	5.1	7.3	13.1	16.3	28.6	31.9	40.9	50.7
1996	4.5	3.4	5.1	8.2	12.2	19.7	28.3	34.4	48.9	62.2
1995	4.4	3.5	5.4	7.9	13.0	17.0	27.5	36.1	46.8	53.7
1994	4.4	3.6	5.1	7.6	14.5	16.5	26.7	34.7	43.2	60.0
1993	4.6	4.1	5.4	8.3	14.2	18.3	25.9	34.5	48.4	59.8
1992	4.4	3.5	6.0	9.4	11.7	18.0	25.4	34.0	44.0	53.4
1991	4.5	4.0	6.4	10.0	11.9	19.1	25.2	33.9	47.2	61.6
1990	4.6	3.9	5.9	9.3	13.9	19.3	25.2	35.1	45.2	54.9
1989	4.6	3.5	5.6	8.8	13.8	18.8	29.6	30.5	48.8	56.6
1988	4.5	3.8	5.0	8.3	10.8	19.1	25.5	35.9	49.4	57.7
1987	4.6	3.9	6.4	9.1	12.6	17.9	26.2	34.3	44.2	55.0
1986	4.5	3.2	5.6	8.9	15.1	18.2	23.7	30.5	50.8	55.4
1985	4.5	4.1	5.3	9.6	14.0	18.6	28.2	27.1	52.1	48.0
1984	4.6	3.8	7.4	9.1	12.6	17.8	27.8	30.8	43.6	44.7
1983	4.6	4.1	6.6	7.6	14.1	19.7	27.4	34.4	40.5	51.9
1982	4.6	3.6	6.7	9.0	15.1	16.5	24.8	37.0	45.2	40.0
1981	4.5	4.2	5.6	9.6	10.4	18.9	23.8	34.3	46.9	44.7
1980	4.6	5.1	6.1	9.7	12.6	16.9	24.2	31.7	42.8	45.7
1979	4.5	4.6	6.3	8.8	12.8	17.7	24.1	27.3	42.4	49.4
Leukemia (204-208)										
All other, male										
1998	4.8	4.6	5.7	10.1	15.2	21.7	33.3	43.7	62.4	80.5
1997	4.8	3.5	6.0	8.1	18.2	21.2	40.0	46.3	54.8	66.7
1996	5.0	4.2	5.8	9.9	16.7	26.3	39.3	45.6	68.0	92.1
1995	5.0	3.6	6.8	10.2	17.6	24.4	38.7	49.2	61.0	75.2
1994	5.0	3.8	5.9	9.6	20.0	22.5	37.9	49.1	57.1	82.7
1993	5.2	4.1	6.6	11.6	17.5	25.3	32.1	51.3	66.0	71.5
1992	5.0	4.2	7.8	11.9	14.1	23.3	34.2	54.4	56.9	67.5
1991	5.2	5.6	7.6	12.4	13.4	24.1	34.1	52.8	65.5	85.7
1990	5.3	4.5	7.4	11.1	17.3	28.0	37.9	48.7	60.7	72.5
1989	5.5	3.9	6.7	11.8	18.2	27.2	41.1	44.6	81.8	77.8
1988	5.1	4.9	5.6	10.7	14.9	25.3	35.4	51.1	55.6	84.8
1987	5.1	4.5	6.2	11.3	16.2	24.7	31.9	46.0	65.2	75.3
1986	5.0	4.0	5.7	10.4	18.6	25.0	33.2	41.0	66.7	66.7
1985	5.2	4.4	7.9	11.8	17.3	22.9	38.3	40.8	76.9	69.9
1984	5.2	5.0	8.1	10.0	16.6	23.5	36.1	47.0	54.5	58.3
1983	5.2	4.5	8.4	8.2	19.7	26.8	33.1	43.7	53.6	72.5
1982	5.3	4.5	7.4	10.7	18.9	22.8	31.5	52.4	66.0	61.2
1981	5.1	5.4	6.2	11.5	13.6	23.8	29.0	42.5	65.9	60.9
1980	5.3	5.1	7.0	12.5	14.9	25.2	34.5	36.3	61.9	70.8
1979	5.2	5.3	6.3	11.4	16.3	22.2	33.0	34.8	61.6	62.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Leukemia (204-208)										
All other, female										
1998	3.8	3.0	4.3	7.5	9.8	12.1	18.7	25.7	38.0	47.0
1997	3.7	2.4	4.4	6.6	9.1	12.7	20.8	22.8	33.6	44.0
1996	4.0	2.8	4.5	6.9	8.6	14.7	20.9	27.4	38.7	49.6
1995	4.0	3.5	4.2	6.0	9.3	11.6	19.8	28.0	39.2	44.5
1994	3.8	3.4	4.4	6.0	10.1	11.9	19.1	25.7	35.7	50.3
1993	4.1	4.2	4.3	5.5	11.5	13.1	21.6	24.1	38.8	54.7
1992	3.8	2.9	4.4	7.4	9.9	14.0	19.4	21.4	36.9	47.2
1991	3.9	2.7	5.4	8.0	10.7	15.3	19.2	22.3	37.1	50.9
1990	4.1	3.3	4.6	7.8	11.3	12.9	16.6	26.6	36.5	46.9
1989	3.8	3.2	4.7	6.4	10.4	12.6	21.6	21.7	30.2	46.6
1988	3.9	2.9	4.5	6.3	7.5	14.5	18.7	26.2	45.6	45.0
1987	4.1	3.3	6.5	7.3	9.7	12.8	22.3	26.8	32.1	45.4
1986	4.0	2.6	5.4	7.8	12.5	13.2	17.2	23.8	41.8	50.0
1985	3.8	3.8	3.3	7.7	11.4	15.3	21.1	18.2	37.8	37.3
1984	4.0	2.7	6.8	8.4	9.5	13.6	22.1	20.1	37.2	37.9
1983	4.1	3.8	5.3	7.1	9.6	14.3	23.4	28.2	32.7	41.7
1982	4.0	2.9	6.1	7.6	12.1	11.8	20.0	26.7	33.1	29.3
1981	4.0	3.2	5.2	8.0	7.8	15.3	19.9	28.7	35.3	36.2
1980	3.9	5.1	5.4	7.4	10.7	10.5	16.5	28.5	31.0	32.9
1979	3.9	4.0	6.4	6.7	10.0	14.2	17.2	21.7	30.4	43.0
Leukemia (204-208)										
Black, both sexes										
1998	4.9	4.5	5.4	10.3	14.4	18.1	27.7	35.7	54.0	58.3
1997	4.8	3.5	5.5	8.0	15.4	18.0	32.5	35.2	45.7	54.3
1996	5.1	3.7	6.2	9.7	14.2	21.8	30.9	38.9	56.9	66.0
1995	5.0	4.4	6.0	9.4	15.2	19.8	30.6	38.5	48.3	55.6
1994	4.9	4.2	5.4	8.9	16.3	18.9	29.5	38.1	43.7	64.3
1993	5.2	4.3	6.4	8.8	16.4	20.8	28.2	36.6	51.6	59.5
1992	5.0	3.7	6.6	11.2	13.4	20.0	26.9	37.0	49.2	58.8
1991	5.1	4.6	6.9	11.1	13.7	21.4	28.3	35.5	51.7	66.3
1990	5.2	4.7	6.9	10.7	15.5	21.4	28.7	37.8	49.6	59.7
1989	5.1	4.1	6.4	9.5	14.8	20.4	30.9	33.6	54.3	60.0
1988	5.0	3.9	5.2	9.0	11.7	20.9	27.8	39.3	51.5	62.6
1987	5.0	4.5	7.2	9.7	14.4	18.3	29.2	36.9	47.1	59.1
1986	5.0	3.1	6.2	9.9	16.8	20.1	25.2	32.5	56.5	59.2
1985	4.9	4.2	5.7	10.5	14.7	20.6	30.6	27.8	56.3	51.3
1984	5.0	4.0	7.3	9.7	13.5	19.0	30.1	32.6	46.6	46.3
1983	5.0	4.4	7.2	7.8	15.5	20.8	29.8	34.8	43.2	53.8
1982	5.0	3.6	7.0	9.6	16.7	17.7	26.9	38.7	46.8	40.3
1981	4.9	4.6	5.8	10.2	11.4	19.5	26.3	36.6	51.2	46.4
1980	4.9	5.6	6.2	10.1	13.7	17.1	26.0	33.5	47.5	49.0
1979	4.8	5.0	7.0	9.3	14.2	18.9	25.4	28.8	44.3	52.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Leukemia (204-208)										
Black, male										
1998	5.5	5.4	6.6	12.5	18.4	24.8	36.1	48.2	73.9	84.9
1997	5.4	4.2	6.6	9.3	21.6	23.2	48.2	51.4	62.0	76.3
1996	5.7	4.6	6.9	11.4	19.4	28.9	41.3	54.9	81.5	104.2
1995	5.7	4.5	8.1	13.3	20.5	29.4	43.6	53.7	66.3	79.6
1994	5.6	4.5	6.3	11.9	22.0	27.4	43.4	56.1	56.3	87.8
1993	5.9	4.1	8.2	12.8	21.2	30.1	36.8	57.3	71.5	69.5
1992	5.5	4.7	8.7	14.4	16.6	25.9	36.8	58.5	63.8	71.5
1991	5.9	6.2	8.2	14.6	15.5	27.2	38.1	56.8	72.8	95.7
1990	5.9	5.4	8.7	13.9	19.6	31.1	43.1	52.0	69.1	83.0
1989	6.1	5.2	7.6	12.3	18.4	29.4	44.4	48.9	94.8	86.4
1988	5.7	5.2	6.4	11.6	15.3	27.6	39.2	57.6	57.4	101.5
1987	5.6	5.3	6.7	12.3	18.5	26.8	37.3	51.4	70.7	81.3
1986	5.6	4.1	6.2	11.4	20.5	28.6	35.5	44.2	74.4	73.0
1985	5.7	5.1	8.2	12.8	17.4	25.7	42.3	42.4	85.1	77.4
1984	5.7	5.8	7.6	10.5	18.1	24.9	38.0	52.1	63.1	60.7
1983	5.6	4.6	8.9	8.6	22.3	27.5	35.7	45.5	59.8	78.3
1982	5.7	4.9	7.5	11.6	21.2	24.6	34.3	55.3	67.5	63.8
1981	5.5	5.5	6.1	12.3	15.1	23.4	31.8	44.3	72.7	64.3
1980	5.7	5.0	6.7	13.0	16.8	26.2	37.1	37.3	69.3	75.5
1979	5.4	5.3	6.6	11.8	18.3	23.7	36.7	36.0	64.9	69.2
Leukemia (204-208)										
Black, female										
1998	4.4	3.7	4.3	8.4	11.3	13.2	22.2	28.1	44.3	48.3
1997	4.2	2.8	4.6	6.9	10.7	14.1	22.1	25.4	37.9	45.9
1996	4.6	2.9	5.5	8.3	10.3	16.5	24.0	29.3	45.0	51.4
1995	4.4	4.2	4.3	6.3	11.0	12.7	22.1	29.5	39.5	46.3
1994	4.3	4.0	4.7	6.4	11.8	12.7	20.3	27.6	37.4	55.1
1993	4.5	4.4	5.0	5.6	12.7	14.0	22.5	24.6	41.6	55.6
1992	4.4	3.0	4.9	8.6	10.9	15.7	20.4	24.6	41.8	53.7
1991	4.5	3.3	5.8	8.4	12.4	17.2	21.9	23.1	41.0	54.2
1990	4.6	4.2	5.4	8.1	12.5	14.4	19.2	29.5	39.5	49.9
1989	4.2	3.2	5.3	7.2	12.1	13.8	22.0	24.6	33.0	49.0
1988	4.3	2.8	4.1	7.0	8.9	16.1	20.3	28.4	48.3	45.6
1987	4.5	3.8	7.6	7.7	11.4	12.2	23.8	28.0	34.5	49.3
1986	4.5	*	6.2	8.7	14.0	13.9	18.4	25.3	46.7	52.9
1985	4.2	3.5	3.6	8.5	12.5	16.9	22.8	18.7	40.5	39.1
1984	4.4	*	7.0	9.0	9.9	14.7	24.8	20.3	37.5	39.5
1983	4.4	4.3	5.8	7.2	10.3	15.8	25.8	27.8	33.8	41.9
1982	4.4	*	6.6	8.1	13.2	12.6	21.9	28.3	34.8	28.8
1981	4.4	3.8	5.6	8.4	8.5	16.6	22.5	31.6	38.6	37.2
1980	4.2	6.0	5.7	7.7	11.3	10.3	18.2	31.1	34.4	35.8
1979	4.2	4.7	7.3	7.3	10.9	15.3	17.2	23.7	31.5	44.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Multiple myeloma and immunoproliferative neoplasms (203)										
All races, both sexes										
1998	3.8	1.4	2.6	5.2	8.5	13.3	20.3	27.3	31.7	34.2
1997	3.8	1.4	2.6	5.8	8.8	13.8	21.1	25.4	33.4	34.8
1996	3.8	1.2	2.9	5.3	9.6	13.7	20.5	26.9	32.6	34.4
1995	3.9	1.4	2.9	5.4	10.0	14.7	20.2	26.8	33.0	34.3
1994	3.8	1.5	3.2	5.5	9.4	13.5	20.2	27.0	33.1	35.1
1993	3.8	1.3	2.9	5.0	9.3	14.8	19.9	28.1	32.9	34.7
1992	3.6	1.2	2.8	5.5	8.1	13.8	19.5	26.4	33.2	32.2
1991	3.7	1.3	2.9	5.3	8.9	13.8	19.9	27.2	32.2	33.4
1990	3.6	1.3	3.0	5.1	8.9	13.3	19.9	25.1	33.6	33.8
1989	3.5	1.3	2.9	5.6	8.8	13.1	18.7	25.4	31.1	30.4
1988	3.4	1.5	2.9	5.5	8.4	13.4	18.3	24.1	30.7	30.5
1987	3.4	1.5	3.0	5.1	8.6	12.9	19.2	23.2	29.5	30.7
1986	3.3	1.3	2.9	4.7	8.1	13.3	18.5	24.8	29.8	30.9
1985	3.3	1.2	3.0	5.1	8.7	12.7	19.0	23.3	29.2	29.2
1984	3.2	1.5	2.9	5.5	8.7	12.0	17.4	23.3	28.8	26.6
1983	3.1	1.3	2.9	5.3	8.5	12.6	17.1	23.3	27.9	27.2
1982	3.0	1.4	3.3	4.8	7.9	12.4	17.5	22.3	26.1	27.4
1981	2.9	1.5	2.8	4.6	8.3	11.8	17.2	22.6	26.6	23.9
1980	2.9	1.3	2.6	5.2	8.5	12.0	16.6	21.6	26.6	25.5
1979	2.9	1.5	3.1	5.0	8.1	11.5	16.7	21.8	25.4	23.9
Multiple myeloma and immunoproliferative neoplasms (203)										
All races, male										
1998	3.9	1.6	3.2	5.7	10.3	16.0	24.6	32.7	41.0	49.7
1997	4.0	1.7	3.3	6.5	10.4	16.4	26.0	31.0	45.8	50.7
1996	4.0	1.4	3.5	6.1	10.7	16.5	25.0	33.3	44.0	52.0
1995	4.0	1.7	3.6	6.2	11.7	17.2	23.3	33.1	42.5	50.9
1994	4.0	1.7	4.0	6.1	11.6	16.9	25.7	32.5	42.5	51.6
1993	3.9	1.6	3.3	6.0	10.4	18.0	24.2	33.8	41.1	48.6
1992	3.7	1.4	3.2	6.5	9.8	16.4	24.1	32.3	42.5	44.9
1991	3.8	1.5	3.1	6.2	10.4	17.1	24.2	33.8	42.1	47.0
1990	3.8	1.4	3.7	6.0	10.7	16.0	24.7	32.5	44.1	48.3
1989	3.6	1.6	3.4	6.8	10.1	15.6	22.5	32.4	41.6	42.5
1988	3.6	1.6	3.3	6.6	9.9	15.8	22.5	30.1	41.9	44.9
1987	3.5	1.9	3.9	6.0	10.6	16.2	23.6	29.6	36.5	42.5
1986	3.5	1.4	3.1	5.5	9.4	16.4	23.5	31.0	39.9	41.7
1985	3.4	1.2	3.4	6.0	10.2	15.3	23.5	27.9	38.5	42.7
1984	3.3	1.6	3.3	6.2	10.2	14.4	21.6	29.4	36.3	34.5
1983	3.3	1.5	3.4	6.5	9.8	14.8	20.5	30.0	36.9	41.1
1982	3.2	1.6	4.0	5.6	9.2	15.5	20.8	27.2	34.4	36.4
1981	3.0	1.8	3.3	5.4	9.8	13.4	20.8	27.8	34.9	32.2
1980	3.1	1.3	3.0	6.4	9.9	14.5	20.2	28.4	34.5	36.4
1979	3.1	1.9	3.6	6.1	10.1	13.9	20.0	27.6	31.8	35.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Multiple myeloma and immunoproliferative neoplasms (203)										
All races, female										
1998	3.6	1.1	2.0	4.7	7.0	11.0	17.0	23.5	26.3	28.0
1997	3.6	1.1	2.0	5.1	7.4	11.5	17.3	21.5	26.3	28.6
1996	3.6	1.0	2.3	4.7	8.7	11.4	17.1	22.5	26.3	27.5
1995	3.7	1.1	2.3	4.7	8.5	12.7	17.8	22.6	27.8	27.9
1994	3.6	1.3	2.5	4.9	7.5	10.7	16.0	23.4	27.9	28.8
1993	3.7	1.0	2.5	4.0	8.4	12.2	16.6	24.2	28.5	29.4
1992	3.5	1.0	2.4	4.5	6.6	11.7	16.0	22.5	28.2	27.3
1991	3.6	1.1	2.7	4.6	7.6	11.2	16.7	22.9	27.0	28.2
1990	3.4	1.2	2.3	4.3	7.4	11.1	16.2	20.3	28.0	28.3
1989	3.4	1.1	2.5	4.4	7.7	11.1	16.0	20.9	25.5	25.7
1988	3.3	1.3	2.4	4.4	7.0	11.4	15.3	20.2	24.8	24.9
1987	3.2	1.1	2.1	4.3	6.9	10.2	15.9	19.2	25.9	26.0
1986	3.2	1.1	2.8	4.1	6.9	10.8	14.9	20.9	24.5	26.5
1985	3.2	1.3	2.7	4.2	7.3	10.6	15.8	20.5	24.2	23.8
1984	3.1	1.3	2.6	4.8	7.5	10.2	14.3	19.5	24.9	23.4
1983	3.0	1.2	2.4	4.2	7.3	10.8	14.7	19.2	23.1	21.5
1982	2.9	1.3	2.6	4.1	6.8	9.9	15.0	19.2	21.8	23.6
1981	2.8	1.2	2.3	4.0	6.9	10.5	14.6	19.3	22.2	20.3
1980	2.8	1.2	2.3	4.2	7.3	10.0	14.0	17.3	22.4	20.7
1979	2.7	1.1	2.6	3.9	6.3	9.7	14.3	18.2	22.0	18.7
Multiple myeloma and immunoproliferative neoplasms (203)										
White, both sexes										
1998	3.7	1.2	2.2	4.4	7.4	12.2	18.8	25.8	29.8	31.5
1997	3.8	1.2	2.4	5.1	7.9	12.6	19.9	23.9	31.7	32.8
1996	3.8	1.0	2.6	4.7	8.5	12.5	18.8	25.1	31.3	32.5
1995	3.8	1.2	2.4	4.7	8.7	13.8	18.8	25.0	31.4	32.2
1994	3.8	1.3	2.8	4.7	8.7	12.3	19.1	25.7	31.1	33.0
1993	3.8	1.1	2.5	4.3	8.4	13.7	18.1	26.2	31.7	32.1
1992	3.6	1.0	2.2	4.6	7.2	12.8	18.1	25.0	31.4	30.4
1991	3.6	1.1	2.5	4.6	8.2	12.6	18.1	25.1	30.2	31.8
1990	3.5	1.1	2.6	4.4	8.0	12.3	18.3	23.6	31.7	32.3
1989	3.4	1.1	2.5	5.1	8.0	11.9	17.6	24.2	29.2	28.2
1988	3.3	1.2	2.5	4.7	7.7	12.2	17.0	22.6	29.0	29.4
1987	3.3	1.3	2.5	4.7	7.8	11.8	17.6	21.6	28.2	28.6
1986	3.2	1.0	2.5	4.1	7.1	12.3	16.8	23.2	28.0	29.5
1985	3.2	1.0	2.8	4.6	7.8	11.6	17.5	22.1	26.5	27.9
1984	3.1	1.2	2.6	4.8	7.8	11.3	16.3	21.7	27.1	25.4
1983	3.0	1.1	2.5	4.7	7.5	11.6	15.8	21.6	25.7	26.0
1982	2.9	1.1	2.8	4.1	7.4	11.2	16.2	21.2	24.1	25.8
1981	2.8	1.3	2.5	4.0	7.5	10.6	15.8	20.8	25.0	22.4
1980	2.8	1.1	2.3	4.6	7.7	10.9	15.6	20.5	25.3	24.8
1979	2.8	1.4	2.6	4.4	7.3	10.4	15.8	20.9	24.7	22.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Multiple myeloma and immunoproliferative neoplasms (203)										
White, male										
1998	3.9	1.4	2.8	4.9	9.3	14.8	23.1	31.3	38.4	45.9
1997	4.0	1.4	3.1	5.6	9.4	15.0	25.0	29.6	43.7	48.5
1996	4.0	1.2	3.1	5.4	9.6	15.1	23.1	31.6	42.3	50.0
1995	4.0	1.5	3.1	5.7	10.5	16.4	21.6	30.9	40.9	47.5
1994	4.0	1.6	3.5	5.2	10.7	15.4	24.5	31.5	40.3	48.5
1993	3.9	1.5	3.0	5.3	9.5	16.7	21.9	31.6	41.1	45.4
1992	3.7	1.3	2.5	5.5	8.6	15.4	22.4	30.8	40.3	42.3
1991	3.7	1.3	2.7	5.4	9.7	15.5	22.1	31.2	40.3	44.7
1990	3.7	1.2	3.4	5.3	9.5	14.8	22.8	30.9	41.4	45.1
1989	3.5	1.2	2.7	6.3	9.3	14.4	21.1	30.6	39.8	39.6
1988	3.5	1.4	2.9	6.0	9.3	14.9	21.2	28.2	39.7	44.6
1987	3.5	1.7	3.4	5.6	9.8	15.0	21.8	27.0	33.7	40.6
1986	3.3	1.2	2.8	4.8	8.2	15.1	21.4	29.5	36.1	39.3
1985	3.3	0.9	3.1	5.5	9.1	14.0	21.7	26.7	35.1	40.7
1984	3.1	1.4	2.9	5.5	9.1	13.4	20.2	27.1	33.8	33.3
1983	3.1	1.2	2.9	5.9	8.5	13.7	19.0	27.5	33.4	39.5
1982	3.0	1.3	3.4	4.9	8.8	14.2	19.2	25.7	31.1	33.4
1981	2.9	1.5	3.0	4.7	8.9	11.9	19.4	25.3	32.5	30.5
1980	3.0	1.2	2.7	5.6	9.0	13.0	19.1	26.9	32.8	35.9
1979	3.0	1.7	3.2	5.6	9.1	12.5	19.4	26.0	30.8	33.7
Multiple myeloma and immunoproliferative neoplasms (203)										
White, female										
1998	3.5	0.9	1.6	3.9	5.7	10.0	15.5	21.9	24.8	25.8
1997	3.6	0.9	1.7	4.6	6.6	10.6	16.0	19.9	24.8	26.7
1996	3.6	0.7	2.1	4.0	7.5	10.3	15.4	20.6	25.0	25.8
1995	3.7	0.9	1.7	3.7	7.0	11.6	16.7	21.0	26.2	26.4
1994	3.6	1.1	2.1	4.2	6.8	9.8	15.0	21.9	26.1	27.2
1993	3.7	0.7	2.1	3.5	7.4	11.2	15.2	22.5	26.7	27.2
1992	3.5	0.7	1.9	3.8	6.0	10.7	14.8	21.2	26.6	25.9
1991	3.5	0.9	2.3	3.9	6.9	10.1	15.0	21.2	24.9	26.9
1990	3.4	1.0	1.9	3.7	6.7	10.2	14.9	18.9	26.6	27.4
1989	3.3	0.9	2.2	4.1	6.9	9.9	14.9	20.0	23.7	23.9
1988	3.2	1.1	2.1	3.6	6.3	10.1	13.9	19.0	23.4	23.6
1987	3.1	0.9	1.7	3.9	6.1	9.2	14.5	18.2	25.3	24.0
1986	3.1	0.9	2.3	3.5	6.1	10.0	13.5	19.3	23.8	25.7
1985	3.1	1.0	2.5	3.7	6.7	9.7	14.5	19.2	22.1	22.8
1984	3.0	1.1	2.2	4.2	6.7	9.5	13.4	18.4	23.5	22.3
1983	2.9	1.0	2.0	3.7	6.6	9.8	13.5	17.9	21.7	20.5
1982	2.8	1.0	2.3	3.5	6.1	8.9	14.0	18.4	20.4	22.7
1981	2.7	1.0	2.0	3.4	6.3	9.6	13.2	18.0	21.1	19.0
1980	2.7	0.9	1.9	3.6	6.5	9.2	13.0	16.5	21.3	20.0
1979	2.6	1.1	2.1	3.3	5.7	8.7	13.3	17.7	21.4	17.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Multiple myeloma and immunoproliferative neoplasms (203)										
All other, both sexes										
1998	4.0	2.3	4.9	10.0	15.4	20.9	32.8	40.2	50.6	60.1
1997	3.9	2.8	4.2	10.1	14.3	22.0	30.8	39.0	49.8	55.2
1996	4.0	2.2	4.8	9.3	17.0	22.4	35.3	43.4	46.7	53.0
1995	4.1	2.6	5.9	10.0	18.3	21.4	32.1	43.8	49.2	55.2
1994	3.9	2.7	6.1	10.5	14.6	22.7	29.9	39.3	53.0	56.2
1993	4.0	2.5	5.4	9.1	16.0	23.6	35.1	46.0	45.3	61.1
1992	3.9	2.4	6.5	10.9	14.4	21.8	32.1	39.1	52.3	50.6
1991	4.1	2.6	5.4	10.0	14.2	24.1	36.6	46.9	52.8	50.8
1990	3.9	2.8	5.0	9.6	15.7	21.9	34.4	39.0	53.4	49.9
1989	3.8	3.0	6.0	8.6	14.9	22.9	29.3	36.9	50.3	53.9
1988	3.7	2.9	5.3	10.6	13.6	22.9	30.4	37.9	48.8	41.9
1987	3.8	2.8	5.9	7.9	14.8	22.5	33.6	38.7	44.2	52.5
1986	3.9	2.8	5.8	9.3	16.3	22.3	34.3	39.8	49.2	45.5
1985	3.8	2.9	4.8	8.9	15.6	22.2	32.8	35.4	57.7	43.9
1984	3.6	3.0	5.4	10.6	16.2	18.9	27.3	38.3	48.0	39.6
1983	3.8	2.7	5.9	9.5	17.0	21.5	29.2	40.3	51.9	40.9
1982	3.6	3.2	6.3	10.0	13.2	22.2	29.5	33.0	48.8	45.0
1981	3.6	2.9	4.8	9.6	14.6	22.4	30.5	40.3	44.4	41.1
1980	3.5	2.9	5.3	10.8	15.6	22.0	26.9	32.3	42.3	33.4
1979	3.4	2.1	6.8	10.1	15.4	21.6	25.2	30.7	33.9	37.9
Multiple myeloma and immunoproliferative neoplasms (203)										
All other, male										
1998	4.0	2.4	6.0	11.0	17.0	25.1	38.3	45.8	67.8	85.0
1997	3.9	3.3	4.5	12.5	17.0	27.5	34.6	44.4	67.7	71.4
1996	4.1	2.4	6.2	10.7	18.2	27.1	42.4	50.1	61.7	70.8
1995	4.0	3.2	6.2	9.4	19.8	23.4	39.2	54.8	58.8	82.3
1994	4.1	2.8	7.8	12.2	18.0	29.6	37.1	42.9	65.7	80.6
1993	4.0	2.6	5.4	11.2	16.6	29.3	44.9	56.1	41.5	79.1
1992	4.0	*	7.6	13.3	19.1	25.4	40.3	47.1	64.6	68.6
1991	4.2	2.8	5.7	11.9	16.1	30.8	43.9	60.3	60.0	68.1
1990	4.2	2.9	5.8	11.1	20.1	27.0	43.2	48.3	71.2	77.4
1989	3.9	3.9	7.8	11.0	16.7	26.3	35.4	49.1	59.5	69.1
1988	3.7	3.0	6.0	11.7	15.5	24.2	34.7	47.9	63.2	48.1
1987	4.0	3.1	7.4	9.1	17.4	27.7	41.4	54.4	65.2	59.7
1986	4.2	3.0	5.4	11.2	19.8	28.3	44.1	44.8	78.7	64.0
1985	4.0	3.2	5.7	10.1	20.4	27.5	40.7	38.8	73.1	61.6
1984	3.9	3.4	6.2	12.6	19.6	23.3	34.8	50.5	61.4	45.8
1983	4.1	3.6	6.9	11.6	22.2	24.8	34.8	52.8	73.2	56.5
1982	4.0	3.4	8.6	11.7	13.7	26.9	36.7	41.9	68.1	65.7
1981	3.9	3.4	6.0	11.2	17.9	27.1	34.3	51.6	60.4	50.0
1980	3.8	*	5.8	13.2	17.8	28.0	30.9	43.0	52.7	41.1
1979	3.7	*	7.0	11.3	19.6	26.4	26.1	41.3	41.9	54.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Multiple myeloma and immunoproliferative neoplasms (203)										
All other, female										
1998	4.0	2.2	3.9	9.3	14.1	17.8	29.0	36.7	41.5	49.6
1997	3.8	2.4	3.9	8.2	12.2	17.8	28.2	35.6	40.4	48.4
1996	4.0	2.1	3.6	8.2	16.1	18.9	30.4	39.2	38.7	45.5
1995	4.1	2.1	5.7	10.6	17.1	19.9	27.2	37.0	44.1	43.6
1994	3.8	2.6	4.6	9.0	12.0	17.6	24.9	37.0	46.2	45.8
1993	4.1	2.3	5.3	7.5	15.5	19.5	28.3	39.9	47.3	53.3
1992	3.8	2.9	5.6	9.0	10.8	19.1	26.5	34.1	45.4	42.8
1991	4.0	2.5	5.1	8.5	12.6	19.1	31.7	38.6	48.8	43.1
1990	3.6	2.6	4.4	8.4	12.3	18.2	28.3	33.3	43.4	37.4
1989	3.6	2.2	4.5	6.6	13.4	20.3	25.1	29.3	45.3	46.6
1988	3.8	2.8	4.7	9.7	12.2	21.9	27.5	31.4	40.2	39.1
1987	3.5	2.5	4.6	6.9	12.8	18.7	28.3	28.6	32.1	49.1
1986	3.6	2.7	6.2	7.8	13.7	17.8	27.5	36.7	32.3	36.5
1985	3.5	2.5	4.0	8.0	11.8	18.2	27.4	33.1	48.9	35.3
1984	3.4	2.6	4.7	9.1	13.6	15.6	22.1	30.3	40.1	36.6
1983	3.4	*	5.1	7.8	12.8	19.0	25.4	32.0	39.4	33.1
1982	3.3	2.9	4.5	8.6	12.9	18.7	24.2	27.0	37.6	34.6
1981	3.4	*	3.9	8.3	11.9	18.8	27.6	32.7	34.7	36.2
1980	3.2	3.4	5.0	8.9	13.8	17.5	23.8	25.1	35.9	29.5
1979	3.1	*	6.6	9.1	12.1	18.0	24.4	22.9	29.0	29.8
Multiple myeloma and immunoproliferative neoplasms (203)										
Black, both sexes										
1998	5.1	3.0	6.4	13.0	19.7	26.2	40.7	48.7	60.5	67.1
1997	4.9	3.7	5.5	12.6	18.1	27.0	37.7	45.7	59.1	64.5
1996	5.0	2.7	6.1	12.1	21.5	27.5	42.4	51.6	55.4	58.4
1995	5.1	3.4	7.5	12.7	23.3	25.2	39.2	52.2	56.2	60.6
1994	5.0	3.6	7.8	13.3	18.1	28.2	36.4	46.7	61.6	63.9
1993	5.0	3.4	7.1	11.3	19.6	28.4	42.0	53.0	52.2	67.6
1992	4.8	3.2	8.3	13.2	17.8	26.4	37.4	45.5	59.8	55.5
1991	5.0	3.4	6.9	12.2	16.9	29.1	42.4	53.0	59.1	55.7
1990	4.8	3.2	6.2	11.8	19.2	25.4	40.9	43.2	58.6	54.3
1989	4.6	3.8	7.1	10.3	17.4	27.5	33.5	40.7	56.0	61.8
1988	4.5	3.5	6.4	12.8	16.2	27.0	35.8	41.6	54.8	45.3
1987	4.6	3.6	7.0	9.3	18.1	26.7	38.8	43.3	48.7	57.2
1986	4.7	3.4	6.8	11.0	19.2	25.8	39.5	44.2	52.2	49.8
1985	4.5	3.4	5.7	10.5	17.9	25.7	36.9	39.7	62.4	45.6
1984	4.3	3.6	6.6	12.5	18.8	21.9	29.6	42.3	53.0	42.1
1983	4.4	3.3	6.9	10.9	19.2	23.9	32.4	45.6	56.8	43.5
1982	4.3	3.8	7.4	11.6	15.3	24.3	33.3	36.3	55.0	47.7
1981	4.2	3.5	5.4	11.0	16.3	25.0	33.4	44.0	49.3	43.5
1980	4.0	3.3	5.9	12.4	17.3	24.3	29.8	34.0	47.0	35.8
1979	3.8	2.2	8.0	11.4	17.1	23.0	28.1	33.1	34.3	40.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Multiple myeloma and immunoproliferative neoplasms (203)										
Black, male										
1998	5.0	3.0	8.1	13.9	21.9	32.3	47.3	55.9	88.4	96.9
1997	4.9	4.2	5.9	15.0	21.1	34.3	43.6	53.4	82.9	87.3
1996	5.1	3.0	8.0	13.5	23.9	33.3	51.0	62.5	76.9	82.9
1995	5.0	4.2	8.2	11.3	25.5	26.8	48.7	66.2	73.8	89.9
1994	5.1	3.7	10.1	15.9	22.7	37.1	44.1	52.3	78.8	95.8
1993	5.0	3.5	7.4	13.5	21.9	34.1	55.0	67.2	49.6	88.5
1992	5.0	*	9.4	16.5	23.6	30.8	47.3	58.0	76.6	79.9
1991	5.2	3.5	7.6	15.3	19.3	37.1	51.5	70.2	67.8	76.8
1990	5.2	3.6	7.2	13.7	25.1	31.6	53.4	56.0	81.3	86.0
1989	4.8	5.2	9.4	13.0	20.0	31.9	42.1	54.5	70.1	81.8
1988	4.5	3.6	7.2	14.4	18.4	29.5	41.6	55.4	75.5	50.8
1987	5.0	4.2	9.3	10.6	21.6	33.7	49.0	63.4	71.7	68.8
1986	5.0	3.8	6.4	13.5	23.1	33.2	51.6	51.2	83.3	68.3
1985	4.7	3.9	6.8	11.6	23.0	32.4	47.6	42.9	78.2	66.1
1984	4.6	4.2	7.8	14.7	23.3	27.0	37.1	58.1	70.2	49.2
1983	4.8	4.6	8.1	13.2	25.3	28.4	38.5	60.0	79.3	60.0
1982	4.7	4.2	10.1	14.1	15.6	29.6	42.6	47.8	77.5	69.0
1981	4.5	4.2	7.3	12.7	20.2	30.6	37.7	57.6	66.2	53.6
1980	4.3	*	6.5	15.4	19.9	31.3	34.9	45.1	57.3	41.5
1979	4.2	*	8.2	12.9	22.3	28.4	30.5	45.3	44.2	59.6
Multiple myeloma and immunoproliferative neoplasms (203)										
Black, female										
1998	5.1	3.0	4.9	12.3	18.0	21.6	36.4	44.3	47.0	55.9
1997	4.9	3.2	5.2	10.6	15.8	21.6	33.8	41.0	47.6	55.7
1996	4.9	2.4	4.5	10.9	19.7	23.2	36.8	45.0	45.0	49.0
1995	5.1	2.8	6.9	13.8	21.6	24.1	33.1	43.8	47.7	49.3
1994	4.8	3.5	5.9	11.3	14.5	21.6	31.3	43.4	53.2	51.5
1993	5.1	3.3	6.9	9.6	17.9	24.2	33.3	44.7	53.5	59.4
1992	4.7	3.8	7.3	10.5	13.4	23.3	31.0	38.3	51.3	45.7
1991	4.9	3.3	6.3	9.7	15.1	23.4	36.5	42.9	54.7	47.0
1990	4.4	2.9	5.4	10.3	14.8	20.8	32.7	35.8	46.9	40.9
1989	4.4	2.6	5.3	8.1	15.4	24.3	28.0	32.6	48.6	53.6
1988	4.6	3.4	5.7	11.5	14.5	25.2	31.8	33.4	43.8	43.0
1987	4.2	3.2	5.0	8.2	15.4	21.6	32.0	31.1	36.3	52.1
1986	4.4	3.1	7.2	9.0	16.3	20.3	31.4	39.9	35.2	41.3
1985	4.2	2.9	4.7	9.6	14.0	20.8	29.8	37.7	53.8	36.1
1984	4.0	3.1	5.7	10.8	15.4	18.2	24.5	32.3	43.4	38.8
1983	4.0	*	6.0	9.1	14.5	20.7	28.3	36.3	44.1	35.5
1982	3.9	3.4	5.3	9.6	15.0	20.3	27.0	29.1	42.0	37.3
1981	3.9	*	3.8	9.7	13.3	20.8	30.4	35.2	39.4	38.1
1980	3.7	4.0	5.4	10.0	15.2	19.0	26.1	26.8	40.7	33.0
1979	3.5	*	7.8	10.2	13.0	19.0	26.4	24.6	28.2	30.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
All races, both sexes										
1998	20.2	10.3	16.9	28.8	45.4	64.6	90.7	118.9	155.3	212.3
1997	20.6	9.8	17.8	29.7	48.1	66.8	94.5	121.5	159.1	219.6
1996	21.2	10.6	19.4	30.5	49.4	69.8	97.6	125.9	162.4	222.7
1995	21.5	10.5	19.4	32.1	48.6	72.3	97.9	126.9	168.4	226.4
1994	21.7	11.1	19.4	32.7	52.0	73.1	98.8	127.8	168.6	226.7
1993	22.0	11.7	20.0	33.7	52.9	73.2	101.1	129.6	172.2	230.7
1992	21.5	11.6	19.9	33.3	52.2	72.1	97.9	126.8	169.1	227.4
1991	21.4	11.5	20.7	33.9	51.4	73.9	100.9	125.3	163.1	227.4
1990	21.2	11.5	19.8	33.8	51.2	71.6	97.2	128.4	167.8	229.5
1989	22.1	12.4	21.7	35.6	54.4	75.3	102.1	132.6	172.2	235.2
1988	22.4	12.2	22.3	37.9	56.4	76.5	104.2	135.1	177.0	235.8
1987	22.6	12.1	23.1	37.2	57.7	77.6	105.9	135.5	179.1	236.6
1986	22.7	13.2	23.2	37.3	57.8	76.8	108.9	137.1	183.0	232.9
1985	22.5	12.7	24.3	37.4	57.7	76.4	104.9	134.4	180.1	238.4
1984	22.1	12.6	23.0	37.6	55.8	76.3	104.9	135.9	179.4	230.4
1983	22.0	13.6	23.3	38.3	54.9	75.5	106.1	137.1	178.2	239.2
1982	21.6	13.7	22.7	36.4	55.2	75.5	102.8	137.0	178.0	233.9
1981	21.2	13.1	23.8	37.1	52.6	76.4	102.0	133.0	179.4	229.5
1980	21.4	13.6	24.5	36.2	53.8	76.6	103.6	136.0	179.1	231.9
1979	20.7	12.9	23.1	36.1	53.4	73.4	102.6	134.4	178.9	221.2
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
All races, male										
1998	20.4	11.9	19.4	34.0	53.6	78.7	108.5	143.1	187.2	251.0
1997	20.7	11.3	20.4	34.0	56.0	80.6	113.0	145.3	189.2	261.8
1996	21.5	11.9	22.1	35.4	57.9	85.0	119.5	153.3	198.4	262.9
1995	21.8	11.6	22.2	38.0	58.0	87.4	118.8	154.6	205.6	273.1
1994	21.9	12.3	22.6	38.1	62.4	88.8	121.0	151.7	203.8	267.7
1993	22.5	13.4	23.2	39.8	63.4	88.7	125.2	159.8	211.2	275.9
1992	21.9	13.6	23.1	39.2	63.1	88.1	116.6	156.8	207.1	283.1
1991	22.0	13.4	24.0	41.4	63.1	90.5	122.9	151.6	202.9	267.5
1990	21.6	13.1	23.2	40.8	61.7	87.1	119.2	156.6	200.5	279.7
1989	22.9	14.5	25.4	42.3	66.8	93.5	127.6	165.4	215.6	281.1
1988	23.3	14.5	25.6	45.6	68.2	94.7	129.7	167.7	222.3	291.2
1987	23.4	13.6	26.4	44.9	70.2	95.4	134.9	169.7	223.4	273.9
1986	23.5	14.8	26.2	45.2	68.1	93.7	133.8	171.8	224.9	275.1
1985	23.4	13.9	28.3	44.4	69.8	95.0	130.0	168.1	222.4	285.5
1984	22.7	13.9	26.5	45.3	66.2	93.8	129.1	168.4	214.4	259.7
1983	22.9	15.9	27.2	46.0	66.8	92.7	131.0	174.8	215.6	280.2
1982	22.0	15.1	26.5	42.5	65.4	91.4	123.7	165.7	206.5	269.5
1981	21.6	15.0	26.7	44.4	62.6	92.0	124.5	154.6	210.4	256.6
1980	21.9	15.2	26.9	42.6	64.6	93.6	122.8	166.1	207.3	270.1
1979	21.2	14.8	25.9	41.4	63.6	88.5	126.6	158.8	209.3	249.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
All races, female										
1998	19.9	8.6	14.5	24.1	38.0	52.6	76.9	102.1	136.9	196.9
1997	20.6	8.4	15.4	25.7	40.9	55.1	80.3	105.1	141.9	203.0
1996	20.9	9.2	16.9	26.0	41.8	57.0	80.8	107.2	142.2	207.1
1995	21.2	9.4	16.8	26.6	40.3	59.6	81.8	108.1	147.8	208.5
1994	21.5	10.1	16.4	27.6	42.7	60.1	81.7	111.8	149.4	211.0
1993	21.5	10.0	16.9	28.0	43.5	60.5	82.7	109.6	151.1	213.5
1992	21.0	9.7	17.0	27.9	42.5	59.1	83.7	107.0	148.6	206.2
1991	20.9	9.8	17.7	26.9	41.1	60.4	84.3	108.2	141.9	212.0
1990	20.9	10.0	16.7	27.4	42.1	59.0	80.9	110.2	150.5	210.1
1989	21.3	10.3	18.2	29.5	43.6	60.5	83.2	111.5	149.3	217.4
1988	21.6	10.0	19.1	30.8	46.1	61.7	85.5	114.3	153.1	214.1
1987	21.8	10.6	19.9	30.2	47.0	63.2	84.7	113.8	155.8	221.9
1986	22.0	11.7	20.3	30.1	49.0	63.1	90.8	115.2	161.1	216.2
1985	21.6	11.5	20.6	31.1	47.2	61.3	86.8	113.2	157.9	219.5
1984	21.5	11.4	19.7	30.8	46.8	62.2	87.4	115.4	161.0	218.5
1983	21.2	11.5	19.7	31.4	44.6	61.6	88.0	113.4	158.5	222.5
1982	21.3	12.3	19.2	31.0	46.3	62.8	87.6	119.0	163.1	219.1
1981	20.9	11.2	21.0	30.7	44.0	63.8	85.8	119.5	163.0	217.8
1980	20.9	12.0	22.2	30.4	44.4	62.9	89.7	117.1	164.1	215.2
1979	20.3	11.0	20.5	31.4	44.6	61.4	85.2	119.1	162.6	208.7
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
White, both sexes										
1998	21.3	9.3	15.9	27.5	43.8	64.0	89.7	119.2	156.2	214.9
1997	21.8	8.9	16.8	28.7	46.3	66.1	94.1	121.2	159.2	219.9
1996	22.4	9.6	18.7	29.2	48.5	69.0	96.2	125.7	162.1	224.0
1995	22.6	9.7	18.4	30.9	47.2	71.5	96.0	126.2	166.6	228.0
1994	22.8	10.4	18.1	31.1	50.4	71.9	97.5	128.2	167.6	228.1
1993	23.0	10.8	18.6	31.8	51.5	71.5	99.6	128.9	172.2	232.1
1992	22.5	10.7	18.7	31.3	50.6	70.5	96.1	126.5	168.6	229.0
1991	22.3	10.8	19.4	32.1	49.9	72.2	100.2	123.6	161.0	226.8
1990	22.0	10.7	18.3	32.1	49.1	69.2	95.8	127.4	166.9	230.9
1989	22.9	11.2	20.5	33.6	52.4	73.1	100.6	131.7	171.6	236.3
1988	23.3	11.1	20.8	36.2	54.1	74.9	102.6	134.0	176.6	237.0
1987	23.3	10.9	21.3	35.6	55.7	75.9	104.6	134.2	177.1	235.3
1986	23.5	12.2	21.8	35.4	55.2	75.5	108.1	136.4	182.7	232.3
1985	23.1	11.8	22.2	35.2	55.9	74.5	103.2	132.6	177.4	239.3
1984	22.7	11.6	21.3	35.3	53.8	74.4	102.4	134.7	177.7	232.3
1983	22.6	12.3	21.9	36.0	52.7	74.0	103.2	135.4	177.1	242.1
1982	22.3	12.5	21.2	34.8	53.1	74.0	101.4	136.6	176.5	238.3
1981	21.8	12.3	22.4	35.7	50.5	74.4	101.0	132.4	177.0	232.6
1980	21.8	12.5	22.5	34.4	51.3	74.8	101.8	135.4	177.9	234.0
1979	21.1	12.0	21.7	34.2	51.1	71.4	99.6	133.7	178.9	223.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
White, male										
1998	21.5	10.9	18.0	32.5	52.1	77.4	107.4	143.9	189.6	255.3
1997	21.8	10.2	18.8	32.5	53.6	79.6	112.7	145.3	190.8	264.8
1996	22.6	10.7	20.9	33.6	56.7	83.6	117.8	153.5	199.2	266.3
1995	22.8	10.5	20.9	36.3	56.4	85.8	116.7	154.1	205.3	276.1
1994	23.0	11.1	20.7	36.2	60.6	87.5	119.5	153.3	203.1	272.5
1993	23.4	12.1	21.4	37.3	61.5	86.3	123.0	160.1	212.0	278.5
1992	22.9	12.4	21.6	36.8	61.3	86.6	114.3	156.7	207.6	289.2
1991	22.8	12.1	22.1	38.7	61.3	88.3	121.8	149.1	200.8	267.5
1990	22.2	12.0	20.9	38.8	58.4	83.9	116.6	155.2	199.6	284.5
1989	23.5	13.0	23.6	39.1	63.8	91.0	125.4	163.7	214.1	280.3
1988	24.0	12.9	23.4	43.5	65.3	92.5	127.9	165.8	222.7	297.3
1987	24.0	11.9	23.9	42.8	67.6	93.2	133.1	168.2	221.5	269.8
1986	24.1	13.3	24.5	42.6	65.3	92.3	132.4	171.6	224.7	275.0
1985	23.8	12.8	25.8	41.4	67.5	92.5	126.7	165.8	218.7	286.0
1984	23.1	12.6	24.2	41.9	63.1	91.9	125.7	167.3	214.0	262.4
1983	23.3	14.4	25.6	43.2	63.5	90.9	126.9	172.1	214.0	285.1
1982	22.4	13.6	24.4	40.2	62.9	89.3	121.3	165.6	205.1	274.6
1981	22.0	13.8	25.1	42.6	59.7	89.7	123.2	155.2	206.9	259.5
1980	22.2	14.0	24.5	40.7	61.6	91.5	120.7	166.7	204.7	272.6
1979	21.4	14.0	24.0	39.2	60.8	86.6	123.1	158.4	207.4	253.0
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
White, female										
1998	21.1	7.7	13.9	22.8	36.2	52.3	75.8	102.0	136.8	198.9
1997	21.8	7.7	14.8	25.1	39.6	54.4	79.5	104.4	141.0	202.5
1996	22.2	8.5	16.6	25.1	41.1	56.5	79.4	106.5	141.1	207.7
1995	22.4	8.9	15.9	25.9	38.8	59.4	79.9	107.2	145.0	209.7
1994	22.6	9.7	15.5	26.2	41.2	58.8	80.6	111.2	148.1	211.3
1993	22.7	9.5	16.0	26.6	42.4	59.3	81.7	108.0	150.6	214.7
1992	22.0	8.9	15.9	26.2	41.0	57.2	82.2	106.6	147.7	206.3
1991	21.9	9.4	16.8	26.0	39.7	58.9	83.8	106.9	139.8	211.5
1990	21.8	9.4	15.9	25.8	40.9	57.1	80.3	109.4	149.7	210.6
1989	22.3	9.4	17.5	28.4	42.4	58.4	82.1	111.0	149.3	219.6
1988	22.6	9.3	18.3	29.4	44.2	60.5	83.9	113.7	152.5	213.9
1987	22.7	10.0	18.7	28.9	45.4	61.6	83.6	112.6	153.9	222.0
1986	22.9	11.1	19.3	28.8	46.4	61.7	90.3	114.3	160.9	215.7
1985	22.4	10.8	18.7	29.6	45.8	59.7	86.2	111.8	155.8	221.0
1984	22.2	10.6	18.5	29.2	45.6	60.2	85.5	114.3	158.8	220.3
1983	22.0	10.4	18.3	29.6	43.3	60.3	86.1	112.6	157.8	224.8
1982	22.2	11.3	18.2	29.9	44.6	61.7	87.0	118.5	161.5	223.4
1981	21.7	10.8	19.9	29.4	42.4	62.1	85.0	118.2	161.3	221.3
1980	21.5	11.2	20.7	28.6	42.4	61.4	88.2	115.9	163.8	217.3
1979	20.9	10.2	19.6	29.8	42.6	59.2	82.7	118.6	163.8	210.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
All other, both sexes										
1998	14.7	15.1	22.5	36.7	55.2	69.0	98.6	115.6	146.6	187.5
1997	15.2	14.5	24.1	35.7	59.2	71.9	98.5	124.0	157.7	215.8
1996	15.6	15.7	23.5	38.4	54.9	75.8	109.4	128.6	166.1	210.2
1995	16.2	14.8	25.8	39.1	58.1	77.9	114.1	133.0	186.8	210.4
1994	16.3	15.5	27.6	42.5	62.3	82.2	109.4	123.8	178.7	212.0
1993	16.8	17.1	28.3	45.4	62.3	86.4	113.4	136.1	172.7	216.3
1992	16.4	17.3	27.4	46.1	63.1	85.2	114.2	129.0	174.0	211.4
1991	16.9	16.2	29.1	45.3	62.2	87.8	106.8	141.6	184.8	233.5
1990	17.0	16.8	29.3	45.3	67.1	91.9	109.7	137.7	177.4	214.2
1989	17.7	19.4	29.6	49.6	69.6	93.4	115.6	141.6	178.7	223.4
1988	18.0	19.0	31.7	49.4	74.4	90.0	118.8	146.0	181.3	222.6
1987	18.5	18.9	34.7	49.2	73.6	93.0	118.0	148.1	201.0	250.8
1986	18.3	19.7	31.9	50.6	79.0	88.5	116.6	143.6	186.2	239.8
1985	18.8	18.1	38.5	53.7	72.6	93.4	120.6	151.5	210.2	228.3
1984	18.8	19.4	34.6	55.9	72.9	93.1	127.8	147.0	198.5	209.7
1983	18.7	21.9	33.8	55.8	73.8	88.7	132.3	153.0	190.8	207.7
1982	17.9	21.6	33.9	49.6	73.0	88.8	116.1	141.2	196.0	185.0
1981	17.7	18.5	33.8	49.3	71.7	93.4	111.7	138.8	207.9	194.2
1980	18.5	20.9	39.5	51.5	76.1	92.3	120.4	141.6	193.3	208.5
1979	18.1	18.6	33.8	52.3	74.9	92.0	131.4	140.9	178.6	195.4
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
All other, male										
1998	15.0	17.5	28.0	43.4	63.9	87.8	118.5	135.6	162.1	210.7
1997	15.6	17.3	30.4	43.3	72.3	88.6	115.9	145.4	171.9	233.1
1996	16.2	19.0	29.5	46.9	66.4	95.8	135.4	152.0	190.8	231.8
1995	17.0	18.0	30.4	49.2	69.1	100.3	139.1	159.6	208.4	244.8
1994	16.7	19.7	34.7	51.0	75.1	99.2	135.8	135.2	210.2	223.0
1993	17.7	22.0	35.0	56.9	78.2	109.4	146.3	156.6	202.4	251.2
1992	16.9	21.2	32.6	56.3	77.2	101.0	138.9	157.7	201.6	226.0
1991	18.1	21.1	36.4	60.5	77.1	108.8	132.9	176.0	224.0	267.8
1990	18.4	20.4	38.6	55.1	88.7	115.7	144.3	169.8	209.5	234.6
1989	19.7	24.1	37.9	66.0	91.6	115.5	148.4	182.0	230.6	288.9
1988	19.4	25.3	40.7	61.2	92.8	114.9	146.3	186.3	217.9	235.4
1987	20.2	25.0	43.6	61.6	92.9	115.3	152.1	184.7	242.9	313.0
1986	19.7	25.0	38.2	65.5	92.8	106.9	147.0	173.3	226.9	276.0
1985	20.8	21.3	46.0	68.5	90.0	118.0	161.3	188.8	260.6	280.8
1984	20.4	22.8	43.1	72.6	93.8	111.4	161.1	178.2	218.8	234.7
1983	20.6	26.2	39.7	69.1	97.1	109.8	170.0	200.0	232.0	233.3
1982	19.6	25.6	43.9	61.6	88.8	110.7	147.1	167.0	221.3	219.4
1981	19.0	24.1	39.9	59.6	89.4	112.8	137.5	148.4	247.3	228.1
1980	19.9	24.9	47.1	59.2	93.2	113.4	142.8	160.2	235.0	245.2
1979	19.7	21.6	42.3	61.2	90.0	106.5	159.8	162.5	229.1	211.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
All other, female										
1998	14.5	12.9	17.9	31.1	48.3	54.9	85.1	102.8	138.3	177.8
1997	14.9	12.2	18.8	29.5	48.8	59.4	86.6	110.4	150.1	208.5
1996	15.1	12.9	18.4	31.4	45.9	60.9	91.6	114.0	153.0	201.1
1995	15.4	12.0	21.9	30.7	49.4	61.3	97.0	116.4	175.3	195.8
1994	15.9	11.9	21.5	35.4	52.3	69.5	91.3	116.8	161.7	207.3
1993	16.0	12.9	22.6	36.0	50.1	69.4	90.7	123.6	156.4	201.2
1992	16.0	13.8	23.1	37.9	52.3	73.5	97.2	111.4	158.8	205.0
1991	15.7	11.9	22.9	32.9	50.7	72.2	88.9	120.4	163.1	218.3
1990	15.8	13.8	21.4	37.5	50.6	74.3	86.1	117.8	159.3	205.0
1989	16.0	15.4	22.6	36.4	52.8	76.9	93.1	116.3	150.0	192.0
1988	16.7	13.5	24.2	39.9	60.1	71.5	100.0	120.2	159.3	216.6
1987	17.0	13.8	27.2	39.3	58.7	76.4	94.7	124.7	177.0	221.5
1986	17.1	15.1	26.7	38.7	68.4	74.7	95.7	124.7	163.0	222.4
1985	17.0	15.5	32.3	41.8	59.1	74.9	92.2	127.1	181.1	202.7
1984	17.3	16.6	27.6	42.3	56.6	79.4	104.7	126.3	186.6	197.2
1983	16.9	18.2	29.0	44.9	55.4	72.9	106.0	121.4	166.7	195.0
1982	16.3	18.1	25.9	39.7	60.5	72.4	93.5	123.9	182.2	167.7
1981	16.6	13.8	29.0	40.8	57.3	78.7	92.5	132.4	184.0	175.6
1980	17.3	17.6	33.3	45.2	62.4	76.2	103.8	128.9	167.6	189.6
1979	16.6	16.1	26.9	44.9	62.6	80.8	109.5	124.4	147.1	188.6
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
Black, both sexes										
1998	17.1	18.2	27.4	44.7	65.4	79.5	112.3	123.3	158.0	198.5
1997	17.9	18.2	30.3	43.4	70.3	81.6	112.9	136.1	172.2	226.6
1996	18.1	18.8	28.1	47.0	65.3	86.5	123.0	137.7	177.5	219.5
1995	19.0	18.4	31.5	46.9	68.3	89.6	130.0	150.3	195.6	213.5
1994	19.1	18.9	34.0	50.8	73.8	94.2	124.4	131.1	189.5	216.1
1993	19.5	20.1	34.8	53.2	72.6	96.9	126.6	143.6	183.6	220.7
1992	19.2	21.5	32.3	55.0	72.4	96.5	127.9	139.7	179.7	212.5
1991	19.5	19.1	34.7	52.3	71.9	102.0	115.9	148.4	195.7	238.1
1990	19.8	20.0	34.7	52.7	78.6	103.6	119.7	146.6	184.2	219.2
1989	20.6	22.8	35.0	59.3	79.8	102.5	127.1	152.6	182.3	230.5
1988	20.7	22.1	37.7	56.2	83.9	101.2	131.0	155.0	186.0	231.3
1987	21.4	22.7	41.1	56.8	85.4	103.9	128.0	159.7	209.9	257.2
1986	21.0	23.1	37.1	58.4	90.2	98.4	128.4	151.0	195.7	247.3
1985	21.3	21.7	43.7	60.0	81.1	103.5	129.3	156.2	213.5	240.0
1984	21.2	22.7	39.4	62.1	81.1	99.7	138.6	157.5	205.9	211.1
1983	20.9	25.3	37.5	61.7	81.4	95.1	143.6	161.9	197.4	207.1
1982	20.0	25.0	37.3	54.3	81.1	95.6	123.2	147.9	208.7	193.8
1981	19.7	21.3	38.0	55.6	78.7	99.2	119.1	143.3	216.7	197.0
1980	20.4	23.3	44.5	56.9	81.0	97.3	127.7	147.7	202.8	215.6
1979	19.7	21.0	37.2	56.1	80.4	98.1	138.3	144.2	181.1	203.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
Black, male										
1998	17.5	21.2	35.1	54.5	79.2	102.6	139.4	147.1	174.9	223.6
1997	18.7	22.0	39.2	54.2	89.4	102.5	135.3	164.6	195.0	254.6
1996	19.0	23.2	36.5	60.4	80.4	109.9	159.5	163.8	212.1	241.1
1995	19.9	22.8	38.2	59.7	83.9	115.2	159.9	183.5	223.1	244.0
1994	19.8	23.8	44.3	62.7	92.0	112.2	162.0	147.2	226.0	235.4
1993	20.7	26.8	43.3	69.1	92.5	124.6	166.9	167.5	225.0	264.2
1992	20.0	27.6	40.5	69.6	89.4	115.4	160.0	176.7	212.0	220.0
1991	21.4	25.9	46.0	71.6	91.8	128.9	149.4	193.4	239.2	289.9
1990	21.7	25.3	46.6	66.5	104.5	132.0	163.7	186.4	223.7	250.5
1989	23.0	29.0	47.2	80.3	105.7	127.5	165.1	200.0	247.4	309.1
1988	22.6	30.4	50.4	71.0	106.7	131.8	167.2	204.0	233.0	243.1
1987	23.6	30.8	52.7	73.0	109.6	131.4	170.3	205.1	260.9	321.9
1986	22.7	30.3	45.6	75.7	108.0	121.0	163.7	183.7	232.2	293.7
1985	23.8	26.1	55.1	76.2	103.4	132.7	176.0	197.1	274.7	298.4
1984	23.2	27.7	49.3	81.3	107.4	121.4	178.4	195.8	228.6	245.9
1983	23.3	31.8	44.2	78.2	107.7	120.3	188.1	213.3	246.3	238.3
1982	22.1	30.4	47.8	68.6	99.0	121.9	158.7	177.6	242.5	234.5
1981	21.4	28.2	46.5	67.8	99.2	121.9	148.1	158.9	263.6	230.4
1980	22.0	28.0	53.1	65.6	100.8	121.5	155.6	170.6	249.2	252.8
1979	21.6	24.8	46.8	66.8	97.8	116.6	172.6	175.8	229.9	225.0
All other and unspecified malignant neoplasms (152,156,158-160,163-171,173,181,183.2-184,186-187,189.2-190,193-199)										
Black, female										
1998	16.8	15.6	21.0	36.7	54.6	62.4	94.5	108.9	149.7	189.0
1997	17.3	15.0	22.8	34.6	55.4	66.2	98.1	118.9	161.2	216.0
1996	17.3	15.1	21.0	36.2	53.5	69.2	99.0	122.0	160.7	211.3
1995	18.1	14.6	25.9	36.7	56.1	70.6	110.4	130.5	182.2	201.7
1994	18.5	14.7	25.4	41.4	59.7	80.9	99.7	121.6	171.5	208.6
1993	18.3	14.5	27.7	40.5	57.3	76.5	99.8	129.7	162.9	203.4
1992	18.4	16.4	25.6	43.4	59.4	82.7	106.7	118.3	163.3	209.5
1991	17.9	13.4	25.4	36.9	56.7	82.5	93.8	122.2	173.6	216.8
1990	18.1	15.5	25.0	41.8	59.1	83.2	90.9	123.3	163.7	205.9
1989	18.3	17.6	25.0	42.6	60.1	84.4	102.4	124.6	148.1	198.0
1988	19.0	15.2	27.3	44.3	66.5	79.0	106.8	125.7	161.2	226.2
1987	19.4	15.8	31.7	43.9	66.8	83.8	99.7	132.2	182.5	228.5
1986	19.5	17.0	30.1	44.5	76.7	81.8	104.8	131.0	175.8	226.1
1985	19.1	18.1	34.4	46.9	63.9	82.0	98.4	130.8	179.7	212.8
1984	19.3	18.5	31.2	46.4	60.7	83.8	112.0	133.5	193.4	194.6
1983	18.7	19.9	31.9	48.4	61.1	76.5	113.9	128.6	169.7	191.9
1982	18.2	20.6	28.8	42.7	67.1	76.2	98.9	129.5	189.1	173.7
1981	18.2	15.6	31.0	45.7	62.6	82.7	98.8	133.2	189.4	178.8
1980	19.0	19.5	37.5	49.8	65.3	79.3	107.9	132.8	175.0	197.1
1979	18.0	17.8	29.4	47.4	66.5	84.3	113.7	122.0	150.8	192.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
All races, both sexes										
1998	2.9	1.2	1.8	2.7	4.1	6.1	10.5	15.2	26.3	48.1
1997	2.8	1.2	1.7	2.8	3.9	6.6	9.8	16.2	25.5	44.5
1996	2.8	1.3	1.7	2.9	4.5	6.1	10.2	16.6	25.8	44.1
1995	2.9	1.3	2.0	2.8	4.8	7.0	10.3	16.4	26.5	45.3
1994	2.9	1.4	2.0	2.9	4.3	6.4	9.7	16.6	25.9	45.1
1993	2.9	1.3	2.1	2.9	4.5	7.0	10.1	16.5	26.7	44.5
1992	2.8	1.3	1.9	2.7	4.5	6.7	10.6	16.2	24.9	41.9
1991	2.8	1.3	1.8	2.9	4.5	6.9	10.8	16.0	27.0	41.9
1990	2.7	1.2	2.0	2.7	4.4	6.8	10.6	16.9	24.9	40.2
1989	2.7	1.3	2.1	2.9	4.7	6.8	10.9	16.3	26.7	40.0
1988	2.8	1.4	2.1	3.0	4.8	7.0	11.2	16.8	26.6	39.5
1987	2.7	1.3	1.9	2.9	4.8	7.9	11.4	17.0	26.3	37.4
1986	2.8	1.6	2.3	3.3	5.1	6.9	11.7	18.1	27.1	38.1
1985	2.8	1.5	2.3	3.4	5.2	7.6	12.7	17.0	26.6	38.9
1984	2.7	1.5	1.8	3.4	5.1	7.8	12.1	18.1	25.7	36.6
1983	2.8	1.6	2.5	3.3	5.4	8.1	11.4	18.4	26.1	37.4
1982	2.8	1.8	2.4	3.8	6.0	8.5	12.5	18.1	24.3	33.6
1981	2.7	1.6	2.6	3.3	5.9	8.3	12.6	18.4	24.5	31.8
1980	2.7	2.2	2.6	4.0	5.9	8.5	12.1	16.6	25.0	31.2
1979	2.6	2.0	2.5	4.2	5.7	8.5	12.2	16.5	21.2	29.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
All races, male										
1998	2.6	1.2	2.2	3.1	4.2	6.9	11.9	18.0	28.4	50.5
1997	2.5	1.3	1.9	3.2	4.4	7.2	10.9	18.9	28.9	46.0
1996	2.6	1.5	1.8	3.5	5.3	6.9	10.9	18.8	28.4	48.3
1995	2.7	1.3	2.4	3.2	5.2	8.1	11.2	18.4	28.7	49.5
1994	2.6	1.4	2.3	3.5	4.9	7.7	11.1	17.9	29.5	48.8
1993	2.7	1.5	2.0	3.3	5.7	8.1	12.1	19.0	29.5	51.4
1992	2.6	1.5	2.2	3.0	5.5	8.0	12.0	19.3	27.8	48.3
1991	2.6	1.5	2.1	3.3	5.3	8.0	12.4	18.2	31.6	44.7
1990	2.5	1.2	2.0	2.8	4.9	8.0	13.0	18.0	28.7	44.9
1989	2.5	1.4	2.5	3.2	5.1	7.7	12.5	18.2	32.7	47.2
1988	2.5	1.5	2.3	3.1	5.2	8.2	12.0	19.1	29.7	45.3
1987	2.6	1.5	2.1	3.2	5.7	9.2	14.3	20.1	32.1	41.1
1986	2.7	1.8	2.6	3.5	5.9	6.9	13.4	21.3	31.8	46.0
1985	2.6	1.5	2.7	3.8	5.5	8.3	13.8	19.7	29.3	44.2
1984	2.5	1.5	2.0	3.7	5.7	8.4	13.8	21.0	29.1	42.2
1983	2.6	1.6	2.5	3.8	6.2	9.1	12.8	21.0	31.2	41.9
1982	2.6	1.7	2.7	4.3	6.4	9.4	13.9	20.5	29.4	40.9
1981	2.6	1.6	2.9	3.6	6.5	9.8	14.8	21.9	28.7	35.5
1980	2.6	2.0	2.5	4.3	6.6	9.5	13.5	19.9	31.1	34.0
1979	2.5	2.0	2.4	4.6	6.1	9.4	13.8	18.8	25.3	32.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
All races, female										
1998	3.1	1.1	1.5	2.4	4.1	5.4	9.4	13.2	25.1	47.2
1997	3.1	1.2	1.6	2.4	3.4	6.1	9.1	14.4	23.5	43.9
1996	3.1	1.2	1.7	2.4	3.8	5.5	9.7	15.0	24.4	42.4
1995	3.1	1.2	1.7	2.5	4.5	6.0	9.7	15.0	25.3	43.7
1994	3.1	1.4	1.7	2.3	3.7	5.3	8.6	15.6	23.9	43.7
1993	3.0	1.2	2.1	2.5	3.5	6.2	8.6	14.8	25.2	41.9
1992	2.9	1.2	1.7	2.6	3.6	5.7	9.5	14.2	23.3	39.5
1991	2.9	1.1	1.5	2.6	3.9	6.1	9.7	14.5	24.6	40.8
1990	2.9	1.2	2.0	2.7	4.0	5.8	8.9	16.3	22.8	38.3
1989	2.9	1.3	1.7	2.7	4.4	6.2	9.8	15.0	23.4	37.2
1988	3.0	1.4	1.8	2.9	4.5	6.0	10.7	15.2	24.9	37.3
1987	2.8	1.2	1.7	2.7	4.1	6.8	9.2	15.1	23.3	36.0
1986	2.9	1.3	2.0	3.0	4.4	6.8	10.4	16.0	24.6	35.0
1985	3.0	1.5	1.9	3.1	4.9	7.0	11.9	15.3	25.1	36.8
1984	2.9	1.4	1.6	3.2	4.5	7.4	10.9	16.3	23.9	34.4
1983	2.9	1.5	2.4	2.8	4.8	7.2	10.4	16.8	23.4	35.5
1982	2.9	1.9	2.2	3.3	5.5	7.9	11.5	16.6	21.7	30.5
1981	2.8	1.6	2.4	2.9	5.3	7.1	11.0	16.2	22.3	30.1
1980	2.8	2.3	2.6	3.6	5.3	7.7	11.1	14.6	21.8	29.9
1979	2.8	1.9	2.5	4.0	5.3	7.8	11.1	15.0	19.0	27.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
White, both sexes										
1998	3.1	1.1	1.7	2.7	4.1	6.0	10.2	15.2	26.7	48.9
1997	3.0	1.2	1.7	2.8	3.7	6.3	9.7	16.2	25.4	45.3
1996	3.0	1.2	1.7	2.9	4.4	6.1	10.0	16.3	25.3	44.9
1995	3.1	1.2	2.0	2.8	4.7	6.7	10.1	16.6	26.5	44.8
1994	3.0	1.3	2.0	2.8	4.1	6.3	9.7	16.5	25.8	45.8
1993	3.0	1.2	2.0	2.8	4.3	6.9	10.0	16.4	26.7	45.5
1992	2.9	1.3	1.8	2.6	4.4	6.4	10.3	16.0	24.6	42.6
1991	2.9	1.2	1.7	2.8	4.3	6.6	10.7	15.9	27.0	42.7
1990	2.8	1.1	1.8	2.6	4.3	6.5	10.5	16.8	24.5	41.0
1989	2.8	1.3	2.0	2.7	4.7	6.6	10.7	16.1	27.0	39.7
1988	2.8	1.3	2.0	2.9	4.6	6.6	11.0	16.3	26.5	39.9
1987	2.8	1.3	1.8	2.8	4.7	7.7	11.3	16.8	26.4	37.6
1986	2.9	1.4	2.1	3.2	4.8	6.7	11.4	17.7	27.2	38.6
1985	2.9	1.3	2.1	3.2	5.0	7.3	12.2	17.0	26.6	39.6
1984	2.8	1.3	1.7	3.4	4.9	7.7	11.7	18.1	25.5	36.7
1983	2.9	1.5	2.4	3.2	5.4	7.9	10.9	18.5	26.3	38.2
1982	2.9	1.7	2.3	3.5	5.6	8.3	12.3	18.0	24.5	34.5
1981	2.8	1.5	2.5	3.2	5.6	8.3	12.2	18.7	24.7	31.9
1980	2.8	1.9	2.3	3.9	5.5	7.8	11.9	16.7	24.8	31.6
1979	2.7	1.8	2.2	4.1	5.4	8.3	12.2	16.7	21.5	30.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
White, male										
1998	2.8	1.1	2.0	3.0	4.3	6.7	11.9	18.2	28.7	51.6
1997	2.6	1.3	1.8	3.1	4.1	6.8	10.7	18.7	28.8	47.0
1996	2.7	1.4	1.7	3.4	5.1	6.9	10.9	18.8	27.2	49.5
1995	2.8	1.3	2.4	3.2	5.1	7.9	10.9	19.0	28.4	48.2
1994	2.8	1.4	2.2	3.4	4.7	7.7	11.1	18.3	29.4	50.2
1993	2.8	1.4	1.9	3.1	5.5	7.9	12.1	18.9	29.6	53.2
1992	2.7	1.4	2.1	2.8	5.5	7.6	11.7	19.1	27.2	49.7
1991	2.7	1.3	2.0	3.2	5.1	7.7	12.3	18.4	31.6	44.7
1990	2.6	1.2	1.8	2.6	4.8	7.7	13.0	18.1	29.1	47.4
1989	2.6	1.3	2.4	2.8	5.0	7.5	12.3	18.1	34.0	47.5
1988	2.6	1.5	2.2	3.0	4.9	7.9	12.1	18.4	30.5	45.6
1987	2.7	1.5	2.0	3.1	5.4	9.0	14.2	19.7	32.0	40.9
1986	2.8	1.7	2.4	3.6	5.7	6.7	13.1	21.5	32.3	47.0
1985	2.7	1.3	2.6	3.8	5.4	8.0	13.4	19.4	29.7	45.9
1984	2.6	1.4	1.8	3.7	5.3	8.2	13.5	21.1	29.7	42.5
1983	2.7	1.6	2.3	3.7	6.1	9.0	12.2	21.6	31.1	43.1
1982	2.7	1.7	2.6	3.9	6.1	9.2	14.1	20.6	29.4	43.5
1981	2.7	1.6	2.7	3.6	6.3	9.9	14.6	22.1	29.5	36.6
1980	2.6	1.8	2.4	4.2	6.2	8.8	13.3	20.0	30.6	35.1
1979	2.5	1.9	2.3	4.4	5.7	9.4	14.0	19.6	26.1	34.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
White, female										
1998	3.4	1.0	1.5	2.3	3.9	5.4	8.8	13.1	25.6	47.9
1997	3.3	1.1	1.5	2.4	3.4	5.8	8.9	14.5	23.4	44.6
1996	3.3	1.0	1.8	2.5	3.7	5.4	9.4	14.6	24.3	43.1
1995	3.3	1.1	1.5	2.4	4.3	5.6	9.4	15.0	25.4	43.5
1994	3.2	1.2	1.7	2.3	3.5	5.2	8.6	15.3	23.9	44.2
1993	3.2	1.1	2.1	2.4	3.3	6.0	8.4	14.8	25.1	42.5
1992	3.1	1.2	1.6	2.4	3.4	5.4	9.2	14.0	23.3	39.9
1991	3.1	1.0	1.5	2.3	3.7	5.7	9.4	14.3	24.6	41.9
1990	3.0	1.1	1.8	2.5	3.9	5.5	8.7	15.9	22.1	38.6
1989	3.0	1.2	1.6	2.6	4.4	5.9	9.4	14.9	23.3	36.8
1988	3.1	1.2	1.8	2.7	4.3	5.6	10.3	14.9	24.5	37.7
1987	3.0	1.2	1.7	2.5	4.0	6.7	9.2	15.1	23.5	36.3
1986	3.0	1.2	1.9	2.8	4.0	6.7	10.2	15.4	24.6	35.4
1985	3.1	1.4	1.7	2.7	4.6	6.7	11.3	15.5	24.9	37.1
1984	3.0	1.2	1.5	3.0	4.5	7.3	10.4	16.3	23.2	34.4
1983	3.0	1.3	2.4	2.7	4.7	7.0	10.0	16.6	23.7	36.2
1982	3.0	1.8	2.0	3.1	5.2	7.7	10.9	16.3	21.9	30.8
1981	2.9	1.4	2.4	2.8	5.0	7.0	10.4	16.6	22.2	29.9
1980	2.9	2.1	2.3	3.6	4.9	7.0	10.8	14.6	21.7	30.1
1979	2.8	1.6	2.2	3.8	5.2	7.4	10.9	15.0	19.0	28.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
All other, both sexes										
1998	2.0	1.6	2.4	3.1	4.6	6.3	13.1	14.8	22.5	40.3
1997	2.0	1.5	2.3	2.9	4.9	8.7	11.1	16.7	26.7	36.8
1996	2.1	2.0	1.8	2.9	5.3	5.9	12.0	19.1	30.8	35.7
1995	2.2	1.5	2.4	3.0	5.5	9.2	12.5	14.3	26.6	51.0
1994	2.1	2.1	2.4	3.5	5.7	6.9	9.9	17.2	26.5	37.4
1993	2.1	2.1	2.4	3.5	5.6	8.3	10.9	17.1	27.2	35.0
1992	2.1	1.4	2.6	3.8	5.0	9.2	12.9	18.2	27.6	35.6
1991	2.1	1.8	2.1	4.0	5.9	9.4	12.3	16.3	27.2	33.9
1990	2.1	1.9	3.4	3.8	4.9	9.3	11.7	18.5	28.9	31.5
1989	2.1	1.6	2.7	4.3	4.9	9.1	13.5	17.3	22.8	43.0
1988	2.3	2.0	2.6	3.9	6.9	10.0	13.2	21.4	26.9	35.9
1987	2.0	1.3	2.1	4.1	6.2	9.4	11.9	18.5	25.3	35.8
1986	2.3	2.3	3.7	4.1	7.8	8.7	13.8	21.1	25.6	32.9
1985	2.4	2.4	3.2	5.0	7.2	10.5	17.6	17.1	26.8	31.4
1984	2.2	2.3	2.9	3.9	6.8	9.0	15.7	17.8	28.6	35.9
1983	2.2	2.0	3.2	4.5	6.0	9.8	15.7	17.9	24.4	27.9
1982	2.4	2.3	3.6	6.1	8.8	10.3	14.7	19.1	22.6	23.0
1981	2.2	2.5	3.6	4.1	8.4	8.3	16.6	15.4	22.8	30.5
1980	2.6	3.7	4.5	4.6	9.8	15.0	14.0	15.8	27.9	26.2
1979	2.3	3.3	4.2	5.6	7.9	10.2	12.6	14.1	17.4	19.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
All other, male										
1998	1.9	1.9	3.2	3.7	3.9	7.7	12.1	16.6	25.2	39.8
1997	1.9	1.5	2.1	3.6	6.4	9.8	12.4	21.7	30.5	36.7
1996	2.0	2.1	2.3	3.9	6.6	6.4	11.1	19.1	40.9	36.9
1995	2.0	1.7	2.3	2.8	5.8	9.7	14.0	12.8	31.2	62.2
1994	1.9	1.8	3.0	4.5	6.2	8.0	11.2	14.6	31.1	35.6
1993	2.0	2.5	2.8	4.2	6.8	9.5	12.2	20.5	28.2	34.7
1992	2.0	2.0	3.2	3.9	5.4	11.3	14.7	20.7	34.6	34.9
1991	2.0	2.5	2.7	4.0	7.1	10.3	12.8	16.3	32.3	44.6
1990	1.9	*	3.6	3.6	5.0	11.1	13.5	16.5	25.1	*
1989	1.9	*	3.1	5.5	5.4	9.5	14.6	18.9	19.8	44.4
1988	2.0	*	3.1	3.9	7.2	10.9	11.9	26.5	21.4	43.0
1987	2.1	*	*	4.4	7.6	11.2	15.6	23.7	33.0	42.9
1986	2.1	2.6	4.6	*	8.3	9.0	16.4	20.0	26.9	36.0
1985	2.2	2.7	3.6	4.1	6.9	11.4	17.7	22.8	25.0	27.4
1984	2.1	*	4.0	*	9.2	10.1	16.2	20.3	22.8	38.9
1983	2.1	*	3.7	4.9	6.8	10.5	18.1	15.7	32.0	30.4
1982	2.3	*	3.9	7.4	9.1	11.4	12.5	18.8	29.8	*
1981	2.0	*	4.6	4.1	8.2	8.7	17.0	19.9	*	*
1980	2.4	3.5	4.0	5.6	10.9	15.6	14.9	18.4	36.7	*
1979	2.0	*	*	5.8	9.6	9.3	11.4	12.0	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
All other, female										
1998	2.2	1.4	1.7	2.6	5.1	5.2	13.7	13.7	21.1	40.6
1997	2.1	1.6	2.4	2.4	3.6	7.8	10.2	13.5	24.7	36.9
1996	2.2	2.0	*	*	4.3	5.5	12.6	19.0	25.4	35.2
1995	2.3	1.4	2.4	3.1	5.3	8.8	11.6	15.2	24.1	46.2
1994	2.2	2.4	*	2.6	5.3	6.1	9.0	18.8	24.0	38.1
1993	2.1	1.7	2.1	2.9	4.6	7.5	10.0	15.0	26.7	35.1
1992	2.1	*	*	3.7	4.7	7.6	11.7	16.7	23.8	35.9
1991	2.1	*	*	4.1	5.0	8.7	11.9	16.3	24.4	29.1
1990	2.3	2.3	3.2	3.9	4.8	8.0	10.4	19.7	31.0	35.7
1989	2.3	*	*	3.4	4.4	8.9	12.8	16.3	24.5	42.0
1988	2.5	2.1	*	3.9	6.7	9.4	14.1	18.2	29.9	32.5
1987	2.0	*	*	3.8	5.0	8.1	9.4	15.2	20.9	32.5
1986	2.4	*	2.8	4.9	7.4	8.4	12.0	21.9	24.9	31.4
1985	2.6	*	2.9	5.8	7.4	9.8	17.5	13.4	27.8	33.3
1984	2.3	2.6	*	4.3	4.9	8.2	15.3	16.1	32.0	34.5
1983	2.3	2.5	2.8	4.2	5.4	9.2	14.0	19.4	20.0	26.6
1982	2.5	*	3.4	5.0	8.5	9.5	16.2	19.3	18.5	27.1
1981	2.4	3.1	2.8	4.1	8.5	7.9	16.3	12.4	24.0	33.1
1980	2.7	3.9	4.8	3.8	8.9	14.5	13.3	14.1	22.5	27.8
1979	2.5	4.0	5.1	5.4	6.6	11.0	13.5	15.5	18.1	21.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
Black, both sexes										
1998	2.4	2.0	2.7	3.7	5.6	7.4	15.5	16.8	24.8	41.9
1997	2.5	1.9	2.6	3.8	6.3	10.1	13.1	19.5	29.1	39.7
1996	2.5	2.5	2.4	3.2	6.8	6.8	13.7	19.8	32.1	37.5
1995	2.6	1.9	2.8	3.7	6.5	11.0	14.4	16.5	29.0	51.7
1994	2.4	2.5	3.1	4.1	7.0	8.1	11.6	19.2	27.9	37.4
1993	2.4	2.6	2.7	3.7	6.8	9.9	12.8	18.4	29.9	35.9
1992	2.4	1.8	3.0	4.7	5.4	10.3	14.7	20.8	28.7	37.4
1991	2.5	2.2	2.6	4.8	7.2	11.3	14.1	17.4	28.9	35.5
1990	2.5	2.2	3.7	4.1	5.6	10.8	13.2	18.8	31.6	34.1
1989	2.5	1.9	3.1	5.3	5.5	10.1	14.5	18.8	24.1	44.1
1988	2.6	2.4	3.2	4.6	8.1	11.8	15.3	22.6	28.3	38.3
1987	2.3	1.5	2.6	4.6	7.1	10.2	12.9	20.0	27.8	35.1
1986	2.6	2.9	4.0	4.8	8.7	10.1	14.6	23.6	26.7	35.8
1985	2.7	3.0	3.9	5.9	8.1	11.9	18.4	18.3	26.9	30.3
1984	2.5	2.8	3.5	4.4	7.2	9.9	16.0	18.0	29.7	36.3
1983	2.5	2.3	3.6	4.9	6.5	10.9	16.5	19.4	25.6	27.7
1982	2.7	2.5	4.0	6.9	9.6	11.3	16.5	20.8	25.2	23.3
1981	2.5	2.8	4.1	4.5	8.9	8.7	17.2	17.2	23.0	30.4
1980	2.8	4.4	5.0	4.9	10.8	16.2	14.2	17.5	29.5	24.5
1979	2.5	3.6	4.6	6.2	8.3	10.6	13.3	14.4	16.9	21.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
Black, male										
1998	2.2	2.4	3.7	4.6	4.6	8.5	14.2	18.6	28.9	38.3
1997	2.3	*	*	4.4	8.3	11.9	14.5	26.9	35.5	33.2
1996	2.3	2.7	3.3	4.6	8.7	7.2	11.9	20.2	42.6	37.7
1995	2.5	*	*	3.9	6.7	11.7	17.4	16.2	34.5	66.8
1994	2.2	*	4.0	5.2	7.9	9.5	13.1	16.2	34.7	34.6
1993	2.4	2.9	*	4.8	8.6	11.5	14.9	23.1	30.5	32.7
1992	2.4	*	3.8	4.9	5.6	12.0	17.9	23.7	35.3	39.2
1991	2.4	3.3	*	4.9	8.9	12.1	15.2	16.7	36.9	46.4
1990	2.2	*	4.5	*	6.2	12.8	16.2	16.8	29.5	*
1989	2.3	*	*	6.9	6.4	11.2	15.1	20.8	21.6	47.0
1988	2.3	*	3.9	4.5	8.4	13.1	14.0	27.1	21.3	46.2
1987	2.4	*	*	4.9	8.9	11.5	17.3	26.9	35.9	43.8
1986	2.4	*	5.2	*	8.9	10.8	18.5	23.3	25.6	41.3
1985	2.5	*	4.4	4.8	7.5	13.0	18.7	25.3	24.1	*
1984	2.3	*	5.0	*	9.8	11.3	16.3	19.2	23.8	39.3
1983	2.3	*	4.4	5.0	7.4	11.6	19.3	17.0	34.1	*
1982	2.5	*	4.3	8.6	9.6	12.6	14.5	20.5	33.8	*
1981	2.1	*	5.3	4.2	8.4	9.0	17.2	22.8	*	*
1980	2.7	4.1	4.5	6.0	12.4	17.8	14.9	20.9	38.7	*
1979	2.2	*	*	6.3	9.9	9.8	12.8	13.0	*	*
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (210-239)										
Black, female										
1998	2.6	1.8	*	3.0	6.3	6.5	16.2	15.6	22.8	43.3
1997	2.6	2.1	3.0	3.3	4.7	8.8	12.1	15.0	26.0	42.2
1996	2.7	2.4	*	*	5.3	6.5	14.8	19.6	27.0	37.5
1995	2.7	*	2.7	3.5	6.4	10.4	12.4	16.8	26.3	45.8
1994	2.6	3.1	*	3.2	6.3	7.0	10.5	20.9	24.5	38.5
1993	2.5	2.2	*	*	5.4	8.7	11.4	15.7	29.6	37.2
1992	2.5	*	*	4.6	5.2	9.1	12.5	19.1	25.4	36.7
1991	2.6	*	*	4.6	5.9	10.8	13.3	17.9	24.8	31.0
1990	2.7	2.6	3.1	4.3	5.1	9.4	11.2	20.0	32.6	38.4
1989	2.7	*	*	4.0	4.7	9.3	14.1	17.6	25.4	43.1
1988	2.9	*	*	4.6	7.8	10.9	16.1	19.9	32.0	34.9
1987	2.3	*	*	4.4	5.7	9.2	10.1	15.9	23.4	31.3
1986	2.8	*	*	5.8	8.5	9.6	12.0	23.8	27.3	33.3
1985	2.9	*	3.4	6.8	8.6	11.0	18.3	13.9	28.5	33.8
1984	2.6	3.3	*	4.9	5.1	9.0	15.8	17.3	32.9	34.9
1983	2.6	*	*	4.8	5.8	10.3	14.7	20.8	20.7	27.4
1982	2.9	*	3.7	5.5	9.7	10.4	17.9	21.1	20.3	27.1
1981	2.7	3.5	*	4.7	9.3	8.4	17.3	13.5	25.0	34.5
1980	2.9	4.8	5.4	4.0	9.4	15.0	13.6	15.3	24.0	26.4
1979	2.7	4.4	5.4	6.1	7.1	11.3	13.7	15.3	17.7	22.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Anemias (280-285)										
All races, both sexes										
1998	1.6	0.5	0.6	0.7	1.4	2.2	4.0	7.7	14.7	42.0
1997	1.6	0.5	0.6	0.7	1.4	2.1	4.0	7.5	15.4	43.2
1996	1.6	0.6	0.6	1.0	1.4	2.1	4.3	7.3	14.4	40.4
1995	1.7	0.5	0.6	0.9	1.4	2.3	4.2	7.9	15.7	44.2
1994	1.7	0.6	0.7	0.8	1.5	2.1	4.3	8.1	15.1	40.9
1993	1.7	0.5	0.7	1.0	1.3	2.2	3.9	7.9	15.9	43.4
1992	1.7	0.6	0.7	0.9	1.3	2.4	4.5	8.1	14.8	41.6
1991	1.6	0.6	0.7	0.9	1.5	2.3	4.2	8.8	15.9	41.7
1990	1.6	0.4	0.8	0.9	1.6	2.5	4.4	8.1	16.1	43.0
1989	1.6	0.6	0.7	0.9	1.6	2.8	4.6	7.8	16.8	40.7
1988	1.6	0.6	0.5	1.1	1.3	2.3	4.5	9.0	16.1	41.1
1987	1.6	0.5	0.7	1.0	1.4	2.4	4.7	8.7	15.9	41.1
1986	1.5	0.5	0.6	0.9	1.3	2.3	4.6	8.8	18.0	40.1
1985	1.6	0.5	0.7	1.1	1.6	2.5	4.8	9.2	17.3	39.3
1984	1.5	0.5	0.6	0.8	1.5	2.9	4.6	8.8	16.3	38.1
1983	1.5	0.5	0.6	1.2	1.7	2.8	4.7	9.1	16.2	35.7
1982	1.4	0.4	0.5	0.8	1.6	2.8	4.6	8.6	16.9	34.1
1981	1.4	0.6	0.6	1.0	1.5	3.2	5.1	8.8	15.6	34.7
1980	1.4	0.5	0.7	0.9	1.8	2.8	5.0	9.3	16.2	33.7
1979	1.4	0.5	0.7	1.0	1.6	2.5	5.3	8.2	16.8	33.1
Anemias (280-285)										
All races, male										
1998	1.4	0.6	0.6	0.9	1.5	2.4	5.0	8.2	17.5	43.4
1997	1.4	0.5	0.6	0.7	1.5	2.0	4.3	9.2	17.2	44.8
1996	1.4	0.6	0.7	1.3	1.5	2.3	5.3	8.6	18.1	40.4
1995	1.4	0.5	0.6	0.9	1.3	2.8	4.7	8.3	18.4	46.5
1994	1.5	0.6	0.9	0.7	1.6	2.3	5.2	9.6	17.1	49.4
1993	1.4	0.4	0.7	1.0	1.5	2.4	4.3	9.6	17.0	48.6
1992	1.5	0.6	0.7	0.8	1.3	2.5	5.3	8.9	17.1	49.8
1991	1.4	0.6	0.6	1.0	1.5	2.5	4.7	9.5	18.7	51.2
1990	1.5	0.5	0.9	1.0	1.5	2.5	5.5	9.9	18.4	49.0
1989	1.4	0.8	0.7	0.9	1.7	2.8	5.0	8.7	20.5	45.2
1988	1.4	0.7	0.6	1.1	1.5	2.6	5.8	10.6	17.5	42.8
1987	1.4	0.5	0.7	1.2	1.8	2.3	6.3	10.5	19.2	43.6
1986	1.4	0.6	0.6	0.9	1.3	2.5	5.3	10.8	21.6	49.3
1985	1.4	0.5	0.7	1.0	1.9	2.6	5.6	10.9	22.2	45.3
1984	1.3	0.4	0.8	0.8	1.8	3.4	5.3	10.7	20.3	43.2
1983	1.4	0.5	0.7	1.2	1.9	3.1	5.6	10.8	18.7	44.1
1982	1.3	0.4	0.5	0.8	1.9	3.1	5.1	10.8	19.9	37.8
1981	1.4	0.6	0.6	1.0	2.0	3.3	6.1	11.4	20.4	40.4
1980	1.3	0.5	0.7	1.0	1.8	3.3	5.5	10.0	19.7	37.7
1979	1.4	0.5	0.7	1.1	1.7	3.2	6.4	9.7	21.2	38.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Anemias (280-285)										
All races, female										
1998	1.9	0.5	0.6	0.6	1.3	2.1	3.3	7.4	13.2	41.4
1997	1.9	0.5	0.6	0.6	1.2	2.2	3.9	6.3	14.4	42.6
1996	1.8	0.6	0.6	0.8	1.3	1.9	3.5	6.4	12.3	40.4
1995	2.0	0.4	0.6	0.9	1.6	1.9	3.8	7.7	14.2	43.3
1994	1.8	0.6	0.6	0.8	1.3	2.0	3.6	7.2	13.9	37.6
1993	1.9	0.6	0.7	0.9	1.1	2.1	3.7	6.8	15.4	41.4
1992	1.8	0.5	0.7	0.9	1.2	2.2	3.9	7.6	13.5	38.5
1991	1.8	0.6	0.7	0.8	1.5	2.2	3.8	8.3	14.4	38.1
1990	1.8	0.4	0.7	0.9	1.8	2.5	3.6	7.0	14.8	40.7
1989	1.8	0.5	0.8	0.9	1.4	2.8	4.3	7.1	14.8	38.9
1988	1.8	0.5	0.5	1.1	1.2	2.0	3.6	8.0	15.3	40.4
1987	1.7	0.4	0.6	0.9	1.1	2.5	3.6	7.6	14.2	40.1
1986	1.7	*	0.5	0.9	1.4	2.1	4.2	7.5	16.1	36.5
1985	1.7	0.5	0.7	1.2	1.2	2.5	4.2	8.1	14.8	36.8
1984	1.6	0.6	0.5	0.9	1.3	2.5	4.1	7.7	14.2	36.0
1983	1.6	0.5	0.5	1.1	1.5	2.6	4.0	8.1	14.9	32.2
1982	1.5	0.4	0.6	0.8	1.4	2.6	4.2	7.2	15.4	32.6
1981	1.5	0.6	0.7	1.0	1.2	3.1	4.4	7.3	13.1	32.3
1980	1.6	0.5	0.7	0.8	1.7	2.5	4.7	8.9	14.4	31.9
1979	1.5	0.5	0.7	0.9	1.4	1.9	4.6	7.3	14.5	30.9
Anemias (280-285)										
White, both sexes										
1998	1.5	0.3	0.4	0.5	1.1	1.9	3.7	7.4	14.6	41.5
1997	1.5	0.2	0.4	0.4	1.2	1.8	3.7	7.4	15.2	42.8
1996	1.5	0.3	0.4	0.8	1.1	2.0	4.2	7.0	14.1	39.9
1995	1.6	0.2	0.4	0.7	1.1	2.2	3.8	7.3	15.1	43.8
1994	1.5	0.3	0.5	0.6	1.2	1.8	4.0	7.9	14.7	40.6
1993	1.5	0.2	0.4	0.7	1.1	2.0	3.7	7.5	15.9	42.9
1992	1.5	0.3	0.5	0.7	1.2	2.2	4.1	7.5	14.6	41.7
1991	1.5	0.2	0.5	0.7	1.4	2.0	3.9	8.5	15.6	41.1
1990	1.5	0.2	0.5	0.7	1.5	2.2	4.2	7.6	16.0	42.8
1989	1.5	0.4	0.4	0.8	1.2	2.6	4.4	7.5	16.7	40.3
1988	1.5	0.3	0.4	0.9	1.2	2.1	4.5	8.7	15.8	41.1
1987	1.5	0.3	0.5	0.9	1.3	2.2	4.5	8.6	16.0	41.6
1986	1.4	0.3	0.4	0.8	1.2	2.2	4.7	8.4	17.8	40.1
1985	1.5	0.3	0.5	1.0	1.3	2.3	4.5	8.9	17.1	39.4
1984	1.4	0.2	0.5	0.7	1.4	2.7	4.4	8.7	16.4	38.4
1983	1.4	0.3	0.4	0.9	1.6	2.6	4.5	9.2	16.1	36.2
1982	1.3	0.2	0.4	0.7	1.5	2.6	4.5	8.4	16.5	34.2
1981	1.4	0.4	0.5	0.9	1.4	3.0	5.0	8.8	15.5	35.4
1980	1.3	0.3	0.6	0.7	1.5	2.6	4.6	9.3	15.9	34.1
1979	1.3	0.4	0.6	0.8	1.4	2.3	5.1	8.0	16.6	33.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Anemias (280-285)										
White, male										
1998	1.2	0.4	0.4	0.6	1.1	2.1	4.5	7.8	17.4	43.0
1997	1.2	*	0.4	0.5	1.3	1.8	4.1	9.1	17.1	44.2
1996	1.3	0.3	0.4	1.0	1.3	2.3	5.2	8.2	18.0	40.7
1995	1.3	0.3	0.4	0.8	1.1	2.8	4.1	7.7	18.2	46.9
1994	1.3	0.3	0.6	0.6	1.4	2.0	4.7	9.4	16.8	49.8
1993	1.3	*	*	0.8	1.4	2.2	4.0	9.2	17.3	49.3
1992	1.3	0.4	0.5	0.6	1.4	2.3	4.9	8.2	17.1	51.0
1991	1.3	*	0.4	0.7	1.4	2.3	4.4	8.9	17.8	51.6
1990	1.2	*	0.6	0.7	1.2	2.3	5.0	8.8	18.2	49.0
1989	1.2	0.5	0.4	0.7	1.4	2.6	4.7	8.7	20.2	45.3
1988	1.2	0.4	*	1.0	1.4	2.3	5.9	10.2	17.2	43.2
1987	1.3	*	0.7	1.0	1.7	2.0	6.1	10.5	18.9	44.5
1986	1.3	0.4	0.5	0.8	1.2	2.4	5.4	10.5	21.7	49.4
1985	1.3	*	0.5	0.8	1.7	2.4	5.5	10.8	22.1	46.2
1984	1.2	*	0.7	0.8	1.6	3.1	5.0	10.7	20.5	44.0
1983	1.3	*	0.4	1.0	1.7	2.9	5.4	10.8	18.5	45.9
1982	1.2	*	0.4	0.7	1.8	2.9	5.1	10.6	20.1	38.3
1981	1.2	0.4	0.5	0.9	1.8	3.2	6.1	11.2	19.7	41.1
1980	1.1	*	0.6	0.8	1.6	3.0	5.1	10.2	19.4	38.8
1979	1.2	*	0.6	1.0	1.6	3.1	6.2	9.9	21.7	38.7
Anemias (280-285)										
White, female										
1998	1.8	0.2	0.3	0.4	1.1	1.7	3.1	7.1	12.9	40.9
1997	1.9	*	0.5	*	1.1	1.8	3.4	6.3	14.1	42.3
1996	1.7	0.3	0.4	0.5	1.0	1.7	3.4	6.2	11.8	39.7
1995	1.9	*	0.3	0.7	1.1	1.7	3.5	7.1	13.4	42.6
1994	1.7	*	0.4	0.7	1.1	1.7	3.5	6.9	13.5	37.0
1993	1.8	*	0.5	0.6	0.9	1.9	3.4	6.3	15.1	40.4
1992	1.7	*	0.5	0.7	1.1	2.1	3.5	7.0	13.2	38.2
1991	1.7	*	0.6	0.6	1.3	1.7	3.5	8.2	14.4	37.1
1990	1.7	*	0.5	0.7	1.6	2.1	3.5	6.8	14.9	40.5
1989	1.7	*	0.4	0.8	1.1	2.5	4.1	6.8	14.8	38.4
1988	1.7	*	0.4	0.8	1.1	1.9	3.4	7.8	15.0	40.2
1987	1.7	*	0.4	0.8	0.9	2.3	3.4	7.4	14.5	40.4
1986	1.6	*	*	0.8	1.2	2.0	4.1	7.0	15.8	36.4
1985	1.6	*	0.5	1.1	1.0	2.3	3.8	7.8	14.5	36.8
1984	1.6	*	0.4	0.7	1.2	2.3	3.9	7.5	14.3	36.2
1983	1.5	*	*	0.8	1.4	2.4	3.9	8.3	14.9	32.3
1982	1.5	*	0.4	0.7	1.3	2.3	4.1	7.1	14.6	32.6
1981	1.5	0.5	0.5	0.9	1.1	2.9	4.3	7.3	13.2	33.0
1980	1.5	*	0.5	0.7	1.5	2.4	4.3	8.6	14.1	32.0
1979	1.4	*	0.6	0.7	1.2	1.7	4.3	6.8	13.9	30.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Anemias (280-285)										
All other, both sexes										
1998	2.1	1.6	2.2	2.0	3.0	4.1	6.3	10.4	16.3	46.5
1997	2.1	2.3	1.5	2.2	2.3	4.2	6.5	8.0	17.3	46.8
1996	2.1	2.3	2.1	2.6	2.9	3.1	5.1	9.7	17.8	44.6
1995	2.4	1.8	2.1	2.0	3.4	3.0	7.9	13.5	21.7	48.6
1994	2.3	2.5	2.3	1.4	3.0	4.2	6.8	10.2	18.9	44.0
1993	2.3	2.1	2.3	2.7	2.5	3.8	6.2	12.2	16.7	49.0
1992	2.4	1.9	2.0	2.0	1.8	3.8	7.8	14.0	17.0	40.4
1991	2.3	2.8	1.8	2.2	2.8	5.2	6.7	11.9	18.8	48.3
1990	2.4	1.8	2.7	2.2	3.0	5.0	7.0	13.3	16.6	44.9
1989	2.3	2.3	2.5	2.0	4.3	4.5	6.9	10.2	18.0	44.1
1988	2.0	2.2	1.5	2.8	2.1	4.2	5.0	12.0	19.4	41.5
1987	2.1	1.7	1.5	2.2	2.3	4.4	6.7	9.6	14.9	36.3
1986	2.1	1.6	1.4	1.7	2.4	3.6	4.6	12.5	20.2	40.7
1985	2.1	2.1	1.8	2.1	3.6	4.1	7.4	11.5	20.1	37.2
1984	1.9	2.0	*	1.6	2.8	4.8	6.9	10.1	15.0	35.0
1983	2.0	1.7	2.0	3.1	3.0	4.5	5.8	8.4	17.2	29.8
1982	2.0	1.6	*	1.7	2.5	5.0	5.7	10.3	22.2	33.0
1981	2.0	1.8	2.0	2.0	2.8	5.0	5.7	9.5	17.8	26.8
1980	2.2	1.7	1.9	2.4	3.7	4.6	8.4	9.7	19.6	29.0
1979	2.2	1.5	2.0	2.5	3.1	4.1	7.7	10.5	19.6	32.2
Anemias (280-285)										
All other, male										
1998	2.0	1.5	2.4	2.8	4.0	4.2	9.1	11.3	17.9	47.0
1997	2.0	2.0	2.0	*	*	*	5.4	10.3	18.3	50.8
1996	2.0	2.4	2.2	3.2	*	*	6.1	12.2	19.4	37.8
1995	2.2	2.2	*	*	*	*	10.5	14.4	21.3	43.1
1994	2.3	2.4	2.5	*	*	4.6	9.3	11.2	20.2	45.0
1993	2.2	1.9	2.8	*	*	4.5	7.2	13.3	*	42.2
1992	2.3	*	*	*	*	4.8	8.9	15.1	16.9	38.2
1991	2.3	2.9	*	*	*	4.5	7.2	15.4	27.6	47.0
1990	2.6	*	3.1	*	*	4.3	10.0	20.1	21.0	49.1
1989	2.2	2.5	*	*	4.7	*	7.3	9.5	23.1	44.4
1988	2.0	2.4	*	*	*	5.2	*	14.6	20.5	39.2
1987	2.2	*	*	*	*	4.7	8.1	10.7	22.3	35.1
1986	2.1	*	*	*	*	*	*	13.3	21.3	48.0
1985	2.2	2.7	*	*	4.1	*	7.0	11.7	23.1	37.0
1984	2.0	*	*	*	*	6.4	8.1	10.9	*	36.1
1983	2.2	*	*	*	*	5.0	6.8	11.2	20.6	*
1982	2.0	*	*	*	*	*	*	12.6	*	32.8
1981	2.1	*	*	*	*	*	*	12.9	27.5	32.8
1980	2.2	*	*	*	*	6.0	9.1	*	22.9	*
1979	2.1	*	*	*	*	*	8.0	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Anemias (280-285)										
All other, female										
1998	2.2	1.7	2.0	*	*	4.1	4.5	9.9	15.5	46.2
1997	2.2	2.5	*	2.3	*	4.7	7.2	6.5	16.8	45.2
1996	2.2	2.1	2.0	*	2.8	3.3	4.5	8.2	17.0	47.5
1995	2.5	1.5	2.3	*	4.4	2.9	6.1	13.0	21.9	50.9
1994	2.4	2.6	2.2	*	3.0	3.9	5.1	9.5	18.2	43.5
1993	2.4	2.3	*	2.9	2.7	3.2	5.6	11.5	18.2	51.9
1992	2.4	1.9	2.1	*	*	3.1	7.1	13.2	17.0	41.3
1991	2.3	2.8	*	*	*	5.7	6.3	9.8	14.0	48.9
1990	2.2	*	2.4	*	*	5.5	4.9	9.1	14.1	43.0
1989	2.4	2.1	2.8	*	4.0	4.9	6.7	10.7	15.1	43.8
1988	2.1	*	*	3.1	*	3.4	5.5	10.4	18.6	42.6
1987	2.0	*	*	*	*	4.2	5.8	8.9	10.7	36.8
1986	2.1	*	*	*	*	*	5.0	12.0	19.6	37.2
1985	2.1	*	*	*	3.2	3.8	7.6	11.5	18.3	37.3
1984	1.9	*	*	*	*	*	6.1	9.5	12.8	34.5
1983	1.9	*	*	3.2	*	4.1	5.1	*	15.2	30.9
1982	2.0	*	*	*	*	5.1	6.0	8.8	24.8	33.1
1981	1.8	*	*	*	*	5.0	5.4	7.3	*	23.6
1980	2.1	*	2.7	*	3.9	*	7.9	11.0	17.6	30.3
1979	2.2	*	*	*	*	4.0	7.5	12.0	21.7	32.5
Anemias (280-285)										
Black, both sexes										
1998	2.7	2.2	3.0	2.7	3.9	4.6	6.3	12.3	18.0	51.1
1997	2.6	3.1	2.2	2.9	3.0	5.3	7.6	9.0	19.3	51.6
1996	2.7	3.1	2.8	3.4	3.8	3.4	6.1	11.0	20.6	49.0
1995	3.0	2.5	2.9	2.7	4.1	3.7	8.8	14.8	22.3	53.1
1994	3.0	3.3	3.2	2.0	3.7	5.4	7.7	12.2	21.1	46.4
1993	2.9	2.7	3.1	3.4	3.0	4.4	7.0	14.2	18.5	52.9
1992	3.0	2.6	2.5	2.4	2.2	4.3	9.3	16.0	19.5	42.7
1991	2.8	3.9	2.3	2.5	2.9	6.4	7.6	13.5	21.1	53.2
1990	2.9	2.3	3.4	2.3	3.5	5.7	7.7	14.7	18.7	47.6
1989	2.8	2.9	3.3	2.4	5.0	5.3	7.2	11.3	19.9	48.2
1988	2.5	2.9	1.9	3.4	2.7	4.5	5.4	12.9	21.0	43.5
1987	2.5	2.2	1.9	2.5	2.5	5.2	7.5	10.6	15.2	37.0
1986	2.4	2.0	1.8	2.2	2.7	4.1	5.0	12.6	21.2	41.3
1985	2.5	2.7	2.2	2.3	4.2	4.5	8.1	12.6	20.8	37.4
1984	2.3	2.5	*	1.9	3.0	4.9	7.4	10.6	16.9	37.9
1983	2.4	1.9	2.4	3.7	3.5	4.9	6.3	9.0	18.9	30.4
1982	2.3	2.0	*	*	3.0	5.3	5.6	11.1	23.4	33.5
1981	2.3	2.2	2.4	2.0	3.0	5.5	6.4	10.7	19.1	28.6
1980	2.5	2.0	2.3	2.7	4.1	4.5	9.4	9.8	21.0	31.4
1979	2.4	*	2.3	2.9	3.5	4.4	8.3	11.4	21.4	32.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Anemias (280-285)										
Black, male										
1998	2.5	2.0	3.3	3.7	5.2	*	9.0	13.4	19.8	52.6
1997	2.5	2.9	2.8	*	*	*	*	12.7	21.9	59.0
1996	2.6	3.2	3.0	4.0	*	*	7.2	14.1	25.0	40.2
1995	2.8	2.9	*	*	*	*	11.6	16.7	22.4	42.4
1994	2.9	3.0	3.5	*	*	5.8	11.3	13.5	23.4	47.9
1993	2.7	*	3.8	*	*	*	8.4	17.1	*	43.6
1992	3.0	*	*	*	*	5.7	10.8	16.6	19.6	39.2
1991	2.8	4.1	*	*	*	*	8.0	17.8	31.9	52.2
1990	3.2	*	4.0	*	*	*	11.5	22.9	23.4	52.8
1989	2.8	3.3	*	*	5.7	*	*	*	26.8	53.0
1988	2.4	3.2	*	*	*	*	*	14.7	23.4	40.0
1987	2.7	*	*	*	*	5.8	8.8	12.0	23.9	34.4
1986	2.4	*	*	*	*	*	*	13.4	22.2	49.2
1985	2.6	3.5	*	*	4.8	*	*	12.9	23.0	33.9
1984	2.4	*	*	*	*	6.5	9.0	*	*	37.7
1983	2.5	*	*	*	*	*	*	12.1	24.4	*
1982	2.3	*	*	*	*	*	*	13.7	*	*
1981	2.4	*	*	*	*	*	*	14.6	29.9	35.7
1980	2.6	*	*	*	*	*	10.7	*	*	*
1979	2.4	*	*	*	*	*	8.8	*	*	*
Anemias (280-285)										
Black, female										
1998	2.8	2.5	2.7	*	*	5.2	4.6	11.6	17.1	50.5
1997	2.7	3.3	*	*	*	5.7	8.2	6.8	18.1	48.7
1996	2.8	2.9	2.6	*	3.5	*	5.4	9.1	18.5	52.3
1995	3.2	2.2	3.1	*	5.2	*	6.9	13.7	22.3	57.3
1994	3.0	3.6	2.9	*	3.6	5.1	5.3	11.4	19.9	45.8
1993	3.0	2.9	*	3.5	*	4.1	6.0	12.5	20.1	56.7
1992	3.0	2.6	*	*	*	*	8.4	15.6	19.4	44.1
1991	2.8	3.8	*	*	*	7.2	7.3	11.1	15.7	53.6
1990	2.7	*	*	*	*	6.2	5.2	9.8	16.3	45.4
1989	2.8	2.6	3.6	*	4.5	5.9	7.3	11.6	16.2	46.4
1988	2.5	*	*	3.9	*	4.1	5.8	11.8	19.7	45.0
1987	2.3	*	*	*	*	4.8	6.6	9.7	*	38.2
1986	2.4	*	*	*	*	*	5.6	12.1	20.6	37.7
1985	2.5	*	*	*	3.7	*	8.3	12.5	19.6	39.1
1984	2.2	*	*	*	*	*	6.3	10.5	14.5	38.0
1983	2.3	*	*	3.8	*	4.6	*	*	15.9	32.3
1982	2.3	*	*	*	*	5.7	6.0	9.6	25.4	35.6
1981	2.1	*	*	*	*	5.5	6.1	8.2	*	24.8
1980	2.4	*	3.2	*	4.3	*	8.5	11.5	18.4	33.9
1979	2.4	*	*	*	*	*	8.0	12.7	24.2	32.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diabetes mellitus (250)										
All races, both sexes										
1998	23.5	9.3	16.1	29.3	48.2	72.8	106.2	147.3	206.4	296.5
1997	23.0	9.5	16.6	29.5	47.7	70.6	105.9	144.0	198.8	291.5
1996	22.9	9.5	17.5	29.8	49.6	73.0	104.7	144.3	195.4	285.5
1995	22.3	9.3	17.1	30.0	47.7	71.1	102.7	140.5	192.9	274.0
1994	21.5	8.9	16.4	27.8	46.5	68.8	100.9	134.2	189.9	271.7
1993	20.7	8.8	15.9	28.2	43.2	66.0	96.6	131.2	182.7	266.9
1992	19.5	8.9	15.1	26.6	41.1	62.6	91.0	125.4	170.0	249.2
1991	19.3	8.4	15.8	26.4	40.1	64.2	89.6	123.1	171.5	251.4
1990	19.2	8.6	14.6	24.3	41.6	62.6	87.4	125.8	175.4	255.0
1989	19.0	8.8	14.3	24.9	40.3	60.7	90.1	125.0	173.3	251.7
1988	16.5	7.7	13.7	21.5	35.3	52.6	75.9	107.8	149.5	227.0
1987	15.9	7.3	12.6	20.6	33.9	50.9	75.9	105.5	149.4	216.7
1986	15.5	7.1	12.2	20.1	32.7	48.8	73.8	103.8	149.0	216.6
1985	15.5	6.7	11.2	19.4	33.3	49.2	74.0	109.9	155.4	218.1
1984	15.2	6.5	11.5	18.0	31.9	48.0	74.4	107.9	154.1	219.3
1983	15.5	7.0	11.6	20.8	33.1	50.1	77.0	111.5	159.3	211.6
1982	14.9	6.8	11.5	19.8	32.0	49.1	74.1	106.5	158.1	212.1
1981	15.1	6.9	12.1	19.7	32.3	50.9	75.9	111.1	155.9	218.0
1980	15.4	7.0	12.1	20.4	34.0	53.0	80.3	114.4	158.4	221.9
1979	14.8	6.7	11.1	19.8	32.8	49.7	76.6	110.8	162.3	211.6
Diabetes mellitus (250)										
All races, male										
1998	21.9	11.3	18.1	33.0	53.5	80.6	117.7	163.8	233.6	328.3
1997	21.1	10.8	19.2	31.3	50.1	77.2	118.3	160.2	221.2	319.6
1996	21.0	11.6	19.9	32.6	53.7	77.3	113.7	158.7	219.4	306.9
1995	20.1	11.0	19.8	33.0	50.1	75.7	107.0	156.0	212.1	287.4
1994	19.3	10.3	18.6	29.8	49.5	72.6	106.2	144.7	204.2	291.6
1993	18.5	10.1	18.0	31.0	45.2	69.8	103.1	140.1	199.0	280.6
1992	17.3	10.7	16.8	28.4	43.3	64.8	94.8	133.7	182.5	266.7
1991	17.1	9.9	17.2	28.0	41.7	66.9	95.2	133.3	188.1	255.6
1990	16.7	9.6	16.4	26.3	42.9	64.9	91.7	137.9	181.1	253.4
1989	16.4	10.4	16.1	26.8	40.9	61.5	94.6	130.7	178.4	245.6
1988	14.3	9.3	14.3	22.1	36.2	53.9	76.7	111.8	155.8	233.5
1987	13.8	8.7	13.5	22.7	34.8	53.6	79.2	108.2	153.4	209.0
1986	13.2	8.5	12.3	21.5	32.7	49.7	76.3	105.8	151.5	210.5
1985	13.2	7.7	12.2	20.3	33.4	49.5	76.9	112.4	158.7	208.9
1984	13.0	7.9	13.0	18.9	31.8	49.3	74.2	112.6	159.9	215.9
1983	12.9	7.9	12.1	21.7	32.6	50.2	76.4	112.0	152.5	201.4
1982	12.6	7.7	12.3	20.7	31.9	50.2	75.1	110.0	155.4	193.4
1981	12.7	8.2	13.2	20.6	33.0	49.3	76.7	111.6	151.1	212.1
1980	13.0	7.2	12.6	21.2	34.0	52.2	79.9	115.4	160.0	217.3
1979	12.6	7.3	11.9	21.0	34.0	51.4	77.2	110.3	160.8	201.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diabetes mellitus (250)										
All races, female										
1998	25.0	7.4	14.3	25.8	43.3	66.1	97.4	135.8	190.8	283.8
1997	24.8	8.2	14.1	27.8	45.5	65.0	96.4	132.9	186.0	280.5
1996	24.8	7.6	15.2	27.1	45.9	69.4	97.8	134.4	181.9	277.2
1995	24.3	7.6	14.4	27.2	45.5	67.3	99.5	130.0	182.3	268.9
1994	23.7	7.6	14.4	25.9	43.9	65.6	96.9	127.2	182.1	264.1
1993	22.9	7.5	13.9	25.7	41.4	62.9	91.6	125.2	173.9	261.7
1992	21.6	7.2	13.4	25.0	39.2	60.7	88.0	120.0	163.2	242.6
1991	21.5	6.9	14.5	25.0	38.7	61.9	85.3	116.5	162.6	249.9
1990	21.5	7.7	12.8	22.6	40.4	60.8	84.2	118.0	172.4	255.7
1989	21.4	7.3	12.7	23.2	39.8	60.0	86.9	121.4	170.7	254.0
1988	18.7	6.1	13.2	20.9	34.4	51.6	75.2	105.3	146.1	224.4
1987	17.9	6.0	11.7	18.7	33.1	48.6	73.5	103.8	147.2	219.8
1986	17.7	5.8	12.1	18.8	32.6	48.1	72.1	102.5	147.7	219.0
1985	17.8	5.7	10.3	18.7	33.3	49.0	71.9	108.4	153.6	221.8
1984	17.3	5.2	10.1	17.2	32.1	47.0	74.5	105.0	151.0	220.6
1983	18.0	6.2	11.1	19.9	33.4	50.1	77.4	111.2	162.9	215.8
1982	17.1	6.0	10.8	18.9	32.0	48.2	73.4	104.3	159.6	219.9
1981	17.3	5.8	11.1	18.9	31.7	52.2	75.4	110.8	158.4	220.3
1980	17.6	6.8	11.6	19.6	33.9	53.7	80.5	113.7	157.6	223.9
1979	16.8	6.1	10.4	18.8	31.9	48.4	76.1	111.2	163.1	216.2
Diabetes mellitus (250)										
White, both sexes										
1998	22.8	7.8	13.5	24.0	41.6	64.2	94.3	135.6	192.9	281.4
1997	22.2	7.9	13.7	24.6	39.9	61.8	94.6	132.0	185.7	274.0
1996	22.3	8.0	14.6	25.3	42.4	64.8	93.0	133.1	182.1	272.0
1995	21.5	7.8	14.2	25.0	40.2	62.9	91.7	129.9	179.5	260.6
1994	20.9	7.6	13.6	23.2	40.3	61.0	90.5	123.7	176.5	259.1
1993	20.1	7.3	13.3	23.3	37.2	58.0	86.9	122.4	169.7	255.1
1992	18.9	7.6	12.4	22.4	34.6	54.9	82.9	116.5	158.5	238.0
1991	18.7	7.1	12.7	22.3	34.1	56.3	81.8	113.6	161.3	240.1
1990	18.5	7.1	11.7	20.4	35.5	55.4	78.9	117.3	164.9	245.2
1989	18.3	7.3	11.9	20.7	34.2	53.2	82.4	115.0	163.6	242.7
1988	15.9	6.4	11.2	18.1	30.0	46.2	68.4	98.7	141.3	219.0
1987	15.3	5.9	10.4	17.5	28.7	44.7	69.1	98.0	139.0	210.6
1986	14.9	5.9	9.8	16.6	27.8	43.6	66.9	96.9	139.6	207.8
1985	15.0	5.2	9.2	16.4	28.8	43.3	67.6	101.4	147.0	213.7
1984	14.7	5.5	9.4	15.2	27.2	42.3	67.3	101.6	146.8	216.4
1983	15.0	5.8	9.6	17.2	28.5	45.5	70.8	105.1	150.9	209.0
1982	14.6	5.7	9.6	16.9	27.7	44.5	69.2	101.7	151.1	209.7
1981	14.6	5.8	10.1	16.7	28.2	45.2	69.8	105.0	150.0	214.7
1980	14.8	5.7	10.1	17.0	29.5	46.9	74.2	107.9	152.4	218.3
1979	14.3	5.4	8.8	16.8	28.9	44.3	70.2	105.2	160.2	207.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diabetes mellitus (250)										
White, male										
1998	21.7	9.6	15.4	28.1	47.9	73.8	108.3	156.2	226.3	319.3
1997	20.8	9.0	16.2	27.1	43.6	69.7	109.2	151.8	211.4	309.8
1996	20.9	9.9	17.2	29.1	48.0	72.1	104.8	150.6	211.7	300.7
1995	19.8	9.5	16.6	28.6	43.9	69.0	99.3	148.4	204.1	278.1
1994	19.0	9.1	15.7	25.7	44.2	66.7	97.9	137.2	194.4	287.6
1993	18.2	8.6	15.6	26.3	40.5	63.7	95.7	135.8	189.6	271.9
1992	17.1	9.2	14.3	25.0	37.8	59.6	88.9	127.6	175.5	262.7
1991	16.9	8.5	14.5	24.6	36.6	60.8	90.3	127.3	180.1	252.6
1990	16.5	7.9	13.9	22.7	38.0	59.7	85.7	132.7	175.1	250.5
1989	16.0	8.8	13.7	22.8	35.8	55.6	88.3	124.8	173.1	242.1
1988	13.9	8.1	12.0	19.3	31.8	49.3	71.3	105.5	150.4	231.5
1987	13.5	7.0	11.5	20.0	30.9	48.9	75.1	104.5	148.3	208.5
1986	12.9	7.4	10.3	18.9	29.1	46.0	71.3	101.3	145.0	208.2
1985	12.9	6.2	10.5	18.1	29.9	45.5	73.0	106.3	153.7	208.1
1984	12.7	6.8	10.8	16.9	27.9	44.6	70.4	108.6	157.1	217.8
1983	12.7	6.4	10.6	18.7	29.1	47.6	72.5	107.8	147.8	204.1
1982	12.5	6.5	10.9	18.6	29.4	47.5	72.7	107.0	151.3	194.0
1981	12.6	7.0	11.4	18.5	30.7	45.9	73.1	107.7	149.5	213.8
1980	12.8	6.1	11.2	18.3	31.2	48.6	76.5	110.8	157.3	219.2
1979	12.4	6.0	10.1	18.5	31.5	48.0	73.7	106.6	161.5	199.5
Diabetes mellitus (250)										
White, female										
1998	23.9	6.0	11.6	20.2	35.9	55.9	83.3	121.3	173.4	266.4
1997	23.6	6.9	11.3	22.3	36.6	55.0	83.3	118.2	171.0	260.1
1996	23.6	6.0	12.0	21.6	37.3	58.5	83.8	121.0	165.4	261.0
1995	23.3	6.1	11.8	21.6	36.9	57.8	85.9	117.3	165.8	253.9
1994	22.7	6.0	11.6	20.8	36.7	56.2	84.8	114.6	166.8	248.3
1993	21.9	6.1	11.0	20.5	34.2	53.3	80.1	113.4	158.9	248.7
1992	20.6	6.0	10.5	20.0	31.7	50.9	78.3	109.1	149.5	228.6
1991	20.5	5.8	10.9	20.2	31.9	52.5	75.3	104.6	151.4	235.5
1990	20.5	6.3	9.7	18.3	33.3	51.9	73.8	107.4	159.5	243.2
1989	20.5	5.9	10.1	18.8	32.9	51.3	78.0	108.7	158.6	243.0
1988	17.7	4.8	10.4	17.0	28.5	43.6	66.3	94.4	136.6	214.2
1987	17.0	4.9	9.4	15.1	26.9	41.2	64.7	93.9	134.1	211.4
1986	16.8	4.4	9.3	14.5	26.7	41.6	63.6	94.2	136.8	207.6
1985	17.0	4.2	7.9	14.8	27.8	41.6	63.7	98.4	143.6	215.9
1984	16.6	4.3	8.0	13.7	26.6	40.3	65.0	97.3	141.5	215.8
1983	17.3	5.1	8.7	15.8	28.0	43.8	69.6	103.5	152.6	210.9
1982	16.6	4.8	8.3	15.4	26.2	42.0	66.7	98.4	151.0	216.2
1981	16.6	4.6	8.8	15.1	25.9	44.7	67.4	103.3	150.3	215.0
1980	16.8	5.3	9.0	15.9	28.0	45.5	72.5	106.2	149.8	217.9
1979	16.1	4.8	7.6	15.2	26.6	41.4	67.7	104.4	159.4	210.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diabetes mellitus (250)										
All other, both sexes										
1998	26.5	17.1	31.6	61.0	88.6	131.0	202.6	251.0	342.6	443.9
1997	26.6	17.4	33.8	58.6	96.0	132.6	198.8	253.4	329.6	464.8
1996	26.1	18.4	34.8	57.1	95.6	132.5	204.4	247.2	329.6	419.3
1995	25.7	17.8	34.3	60.3	96.6	131.7	198.4	239.4	328.5	408.9
1994	24.6	16.6	33.6	56.7	88.6	127.5	191.8	233.2	324.6	400.8
1993	23.9	17.6	31.8	59.1	84.5	128.7	181.8	214.9	315.2	388.1
1992	22.6	17.2	31.5	53.9	87.7	123.5	163.0	210.6	288.6	365.7
1991	22.6	16.1	35.0	53.4	83.9	128.1	159.9	214.4	276.6	370.1
1990	22.4	18.1	32.1	50.7	87.1	122.7	164.8	206.1	284.7	359.4
1989	22.4	17.9	29.8	53.5	87.1	123.2	160.9	219.6	274.6	346.9
1988	20.0	15.3	30.1	45.4	76.4	107.5	144.4	193.8	235.6	312.1
1987	19.0	15.9	26.3	43.5	74.7	104.6	138.2	176.8	260.4	282.9
1986	18.8	14.7	28.1	45.6	72.2	95.0	137.9	169.0	249.8	312.1
1985	18.6	15.7	24.9	42.7	71.7	100.5	133.2	191.3	246.1	266.4
1984	18.0	12.9	26.1	39.9	72.1	98.4	139.6	168.6	233.7	251.2
1983	18.2	15.0	25.7	49.2	72.4	91.1	134.5	172.7	253.1	240.9
1982	16.9	14.1	25.3	42.6	69.9	89.7	119.9	152.9	237.7	239.0
1981	17.9	14.7	27.2	44.0	69.5	101.0	134.2	170.7	223.2	255.3
1980	18.9	15.9	27.7	48.6	74.3	107.5	138.1	178.0	229.5	263.7
1979	18.1	16.4	29.5	46.1	69.8	97.4	138.6	166.1	187.5	258.0
Diabetes mellitus (250)										
All other, male										
1998	22.7	20.6	35.1	64.9	90.5	131.4	200.1	235.0	310.9	412.3
1997	22.7	20.8	38.3	57.8	94.1	134.3	199.2	240.2	324.9	410.8
1996	21.5	21.6	36.6	55.4	93.2	118.0	195.2	237.3	301.1	364.7
1995	21.5	20.5	40.2	61.7	93.9	129.0	179.6	230.7	294.8	374.2
1994	20.4	17.5	37.0	57.6	88.0	120.3	184.1	219.3	304.9	328.8
1993	19.7	19.7	33.3	62.6	80.3	120.8	172.3	184.0	294.3	361.7
1992	18.3	21.0	32.9	51.9	86.0	108.3	151.3	194.0	254.7	303.6
1991	18.3	18.9	34.6	51.8	82.0	119.4	142.5	192.7	269.0	284.2
1990	18.1	20.6	33.2	52.3	83.0	110.7	149.0	189.0	241.0	281.3
1989	18.4	20.9	32.1	56.5	83.1	113.7	154.4	186.9	230.6	277.8
1988	16.2	17.5	30.4	43.5	73.3	95.2	128.6	171.7	209.4	251.9
1987	15.0	20.2	27.1	43.7	67.9	97.4	118.2	143.3	205.4	214.3
1986	14.8	15.5	26.3	41.9	64.7	84.0	123.7	148.1	217.6	232.0
1985	14.7	17.2	24.4	37.9	64.6	86.1	114.3	168.9	209.6	216.4
1984	14.4	15.2	28.9	36.0	67.1	92.3	109.8	150.0	188.1	198.6
1983	14.3	17.8	23.6	46.5	64.7	74.2	113.7	150.8	202.1	175.4
1982	13.0	15.6	22.8	37.7	55.6	74.9	97.2	138.2	197.9	188.1
1981	13.7	16.3	27.1	38.3	54.9	81.1	110.2	147.8	168.1	195.3
1980	14.6	15.2	24.0	47.1	61.1	85.1	111.2	159.1	189.1	197.5
1979	14.4	17.7	27.2	43.2	58.0	82.9	110.2	142.9	152.3	216.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diabetes mellitus (250)										
All other, female										
1998	30.0	14.1	28.6	57.8	87.0	130.7	204.2	261.3	359.4	457.1
1997	30.1	14.5	30.0	59.2	97.5	131.4	198.5	261.7	332.1	487.6
1996	30.3	15.6	33.2	58.4	97.6	143.3	210.6	253.5	344.7	442.3
1995	29.5	15.5	29.3	59.1	98.6	133.8	211.3	244.8	346.4	423.6
1994	28.5	15.9	30.6	55.9	88.9	132.8	197.1	241.8	335.1	431.7
1993	27.7	15.7	30.6	56.1	87.8	134.5	188.4	233.8	326.6	399.5
1992	26.6	13.8	30.2	55.5	88.9	134.7	171.0	220.8	307.4	392.8
1991	26.5	13.6	35.4	54.6	85.3	134.5	171.9	227.8	280.8	408.1
1990	26.4	15.9	31.1	49.4	90.2	131.5	175.6	216.8	309.4	394.8
1989	26.0	15.2	27.9	51.1	90.1	130.0	165.4	240.0	300.9	376.7
1988	23.5	13.3	29.9	46.9	78.7	116.7	155.2	207.2	249.5	340.2
1987	22.7	12.2	25.7	43.4	79.9	109.9	151.9	198.2	291.8	315.3
1986	22.5	14.0	29.6	48.5	78.0	103.2	147.6	183.0	268.3	350.6
1985	22.1	14.3	25.4	46.6	77.2	111.1	146.0	206.1	267.2	290.7
1984	21.3	11.0	23.8	43.0	76.2	103.0	160.3	180.9	260.5	277.2
1983	21.8	12.7	27.3	51.4	78.6	103.8	149.5	187.4	283.0	273.4
1982	20.4	12.9	27.4	46.6	81.2	100.8	135.9	162.8	263.1	264.7
1981	21.8	13.4	27.4	48.7	81.0	116.1	151.4	186.2	256.7	283.5
1980	22.7	16.4	30.6	49.8	84.9	124.7	158.2	190.9	254.3	297.5
1979	21.4	15.3	31.3	48.6	79.2	108.6	159.8	181.4	209.4	281.6
Diabetes mellitus (250)										
Black, both sexes										
1998	32.0	21.6	38.2	75.1	106.5	154.9	238.4	283.5	378.5	480.2
1997	31.8	22.3	42.5	71.5	115.2	153.6	228.7	278.6	363.4	493.3
1996	31.4	23.3	43.5	68.5	115.9	153.9	237.0	276.9	369.2	451.2
1995	30.7	23.2	42.3	72.2	114.1	152.9	230.2	262.4	356.6	439.2
1994	29.6	20.9	41.1	68.7	104.8	147.9	221.3	261.4	346.2	431.1
1993	28.7	22.3	39.6	71.0	98.7	149.8	211.8	237.6	342.7	407.3
1992	27.1	22.3	38.7	62.5	102.2	142.1	184.7	233.1	308.9	389.2
1991	27.2	20.2	43.1	64.8	97.8	146.7	182.7	236.1	293.4	404.8
1990	26.6	22.2	38.8	60.7	99.2	139.1	184.5	225.6	305.9	376.9
1989	26.4	22.1	34.9	62.5	100.8	140.7	177.5	239.2	282.6	366.8
1988	23.5	17.7	36.1	53.2	86.7	120.1	160.1	210.1	249.6	323.8
1987	22.2	19.5	31.2	48.3	85.8	116.6	150.6	190.3	280.2	292.3
1986	21.8	17.8	32.8	51.7	81.3	104.1	152.8	180.6	260.0	327.9
1985	21.4	18.6	28.7	47.0	79.5	109.6	145.6	208.1	264.1	273.3
1984	20.6	15.5	29.5	44.4	80.1	107.1	152.0	180.6	252.1	253.2
1983	20.8	18.1	29.7	54.9	80.7	99.5	144.0	180.9	274.9	248.9
1982	19.0	15.7	28.7	46.9	77.4	97.8	127.9	160.5	248.6	247.2
1981	20.1	16.7	30.3	48.1	75.5	109.0	142.7	182.8	234.4	266.7
1980	20.8	17.5	30.3	52.5	78.1	114.2	147.2	189.0	243.8	277.3
1979	19.7	18.3	32.1	49.9	75.4	102.3	147.0	169.4	188.6	259.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diabetes mellitus (250)										
Black, male										
1998	26.7	25.3	42.1	78.4	106.5	151.6	236.0	262.6	356.2	444.9
1997	26.7	27.1	47.5	69.2	112.5	154.6	228.8	264.0	365.4	426.9
1996	25.3	27.9	45.6	65.8	109.1	134.7	224.2	268.7	350.1	391.7
1995	25.6	26.6	49.1	74.1	111.9	149.7	210.4	257.0	329.6	403.2
1994	24.3	21.5	46.4	70.3	105.9	137.8	215.2	245.9	328.3	355.1
1993	23.6	25.0	41.6	76.0	93.4	138.3	204.1	207.2	316.5	386.8
1992	21.6	27.6	40.0	60.2	99.2	122.2	171.5	217.0	274.9	316.7
1991	22.1	24.7	43.5	62.6	95.1	138.2	165.8	216.8	285.1	320.4
1990	21.1	25.0	40.0	62.0	94.5	126.7	163.7	205.9	259.3	298.8
1989	21.5	26.0	38.2	65.2	96.9	132.2	171.8	202.2	232.0	287.9
1988	18.8	20.1	37.2	50.4	83.7	107.1	140.0	188.7	219.1	250.8
1987	17.2	25.0	31.7	48.5	77.2	108.1	127.7	152.0	220.7	220.3
1986	16.8	19.1	30.5	47.6	72.5	88.6	134.7	155.8	221.1	238.1
1985	16.5	20.8	28.1	40.6	70.7	92.6	122.4	182.4	223.0	212.9
1984	16.2	18.4	32.2	39.3	73.0	98.5	118.0	161.1	207.1	191.8
1983	16.1	21.8	27.6	51.9	72.7	80.9	122.1	152.7	219.5	178.3
1982	14.4	17.6	25.7	41.5	59.9	81.7	104.1	143.5	198.8	194.8
1981	15.0	18.3	29.2	40.9	58.9	88.9	110.5	158.9	167.5	196.4
1980	16.0	16.4	25.9	51.1	64.8	90.6	117.6	171.3	203.9	209.4
1979	15.4	19.8	28.6	46.5	62.4	87.3	118.6	143.5	150.6	205.8
Diabetes mellitus (250)										
Black, female										
1998	36.7	18.4	34.9	72.5	106.5	157.3	240.1	296.3	389.4	493.5
1997	36.4	18.3	38.3	73.3	117.4	152.8	228.6	287.4	362.5	518.6
1996	36.9	19.3	41.7	70.7	121.1	168.2	245.4	281.8	378.5	473.9
1995	35.4	20.3	36.6	70.7	115.8	155.3	243.1	265.6	369.8	453.2
1994	34.4	20.4	36.7	67.4	104.0	155.4	225.3	270.5	355.0	460.9
1993	33.4	20.0	38.0	67.0	102.7	158.2	217.0	255.3	355.8	415.5
1992	32.0	17.7	37.7	64.2	104.5	156.7	193.4	242.3	326.2	418.5
1991	31.9	16.4	42.8	66.6	99.7	152.9	193.9	247.3	297.6	439.5
1990	31.5	19.9	37.9	59.7	102.8	148.1	198.1	237.2	330.1	409.9
1989	30.7	18.8	32.2	60.3	103.8	146.9	181.7	261.1	309.2	403.3
1988	27.7	15.7	35.1	55.5	88.9	129.5	172.9	223.0	265.7	355.7
1987	26.6	15.0	30.8	48.3	92.3	122.9	165.3	213.5	312.3	324.3
1986	26.2	16.7	34.7	55.0	88.2	115.4	164.4	195.7	281.2	368.8
1985	25.7	16.8	29.2	52.2	86.4	122.1	161.0	224.2	286.7	301.5
1984	24.5	13.2	27.3	48.5	85.6	113.3	174.7	192.9	277.0	282.2
1983	25.0	15.0	31.5	57.3	87.0	113.2	159.2	198.1	306.2	283.1
1982	23.1	14.2	31.1	51.3	91.1	109.7	144.3	172.1	277.5	272.9
1981	24.7	15.3	31.2	54.0	88.5	124.2	165.2	198.4	273.5	299.1
1980	25.2	18.4	33.8	53.7	88.7	131.8	168.3	200.5	267.7	311.2
1979	23.5	17.0	34.9	52.6	85.7	113.5	167.5	186.4	212.1	286.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nutritional deficiencies (260-269)										
All races, both sexes										
1998	1.5	0.1	0.2	0.4	0.7	1.4	2.3	6.3	14.9	57.3
1997	1.4	0.2	0.2	0.4	0.7	1.4	2.6	5.7	14.5	56.1
1996	1.4	0.2	0.3	0.4	0.6	1.2	2.7	6.1	13.0	54.8
1995	1.3	0.2	0.2	0.5	0.7	1.2	2.7	5.6	13.9	53.3
1994	1.3	0.2	0.2	0.4	0.7	1.2	2.5	5.8	13.5	52.7
1993	1.3	0.2	0.2	0.4	0.6	1.4	2.6	5.9	14.7	52.8
1992	1.2	0.2	0.3	0.4	0.6	1.2	2.5	5.4	13.3	49.6
1991	1.2	0.2	*	0.4	0.6	1.1	2.5	5.9	13.6	47.8
1990	1.2	0.2	0.2	0.5	0.7	1.4	2.4	6.2	13.6	50.7
1989	1.2	0.2	*	0.5	0.6	1.4	2.6	6.1	14.8	51.4
1988	1.2	*	*	0.4	0.8	1.4	2.8	6.0	14.9	50.9
1987	1.2	*	0.3	0.4	0.6	1.2	2.9	6.2	14.9	49.9
1986	1.2	*	0.2	0.4	0.8	1.4	3.4	6.1	13.8	50.2
1985	1.2	0.2	0.3	0.5	0.7	1.6	3.0	6.1	16.1	50.7
1984	1.1	*	0.2	0.4	0.7	1.4	3.2	6.0	13.9	47.1
1983	1.1	*	0.2	0.4	0.9	1.4	3.3	6.3	15.4	47.6
1982	1.0	*	0.2	0.5	0.7	1.5	3.2	6.8	14.2	41.6
1981	1.0	*	0.3	0.5	0.9	1.7	3.1	5.8	13.1	42.2
1980	1.0	0.3	0.2	0.5	0.9	1.7	3.3	6.5	14.2	42.9
1979	1.0	0.2	0.4	0.5	1.1	1.4	3.2	6.6	13.4	37.6
Nutritional deficiencies (260-269)										
All races, male										
1998	0.9	*	*	0.4	0.8	1.6	2.4	6.5	13.7	47.4
1997	0.9	*	*	0.5	0.8	1.4	2.8	5.9	12.8	47.2
1996	0.9	*	0.3	0.5	0.7	1.4	2.8	6.3	12.3	50.8
1995	0.9	*	*	0.6	0.8	1.2	2.7	5.2	14.7	49.8
1994	0.9	*	*	0.5	0.9	1.4	2.9	6.1	14.2	49.2
1993	1.0	*	*	0.4	0.6	2.2	3.1	6.5	16.5	52.6
1992	0.9	*	0.4	0.4	0.7	1.5	2.7	5.7	14.5	46.5
1991	0.9	*	*	0.4	0.6	1.1	2.9	6.5	15.8	48.2
1990	0.9	*	*	0.4	0.7	1.6	2.7	6.9	15.5	52.9
1989	0.9	*	*	0.6	0.7	1.5	2.8	6.4	16.2	52.9
1988	0.9	*	*	0.4	0.8	1.7	3.3	6.0	17.7	50.0
1987	0.9	*	*	0.5	0.8	1.7	3.0	7.6	17.4	51.8
1986	0.9	*	*	0.5	0.9	1.8	4.2	7.3	16.2	50.6
1985	0.9	*	*	0.6	0.9	1.7	3.6	6.9	18.2	51.9
1984	0.9	*	*	0.5	0.8	1.9	3.9	6.6	14.4	47.1
1983	0.9	*	*	0.4	1.1	1.8	4.4	7.6	16.4	51.1
1982	0.9	*	*	0.6	0.9	1.7	4.1	8.2	17.0	44.4
1981	0.8	*	0.4	0.5	1.0	2.1	3.4	7.1	15.4	43.9
1980	0.9	*	*	0.5	0.9	2.3	3.8	7.8	15.3	45.8
1979	0.8	*	0.5	0.4	1.2	1.9	3.1	7.9	16.2	40.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nutritional deficiencies (260-269)										
All races, female										
1998	2.0	*	*	0.4	0.5	1.3	2.3	6.1	15.6	61.2
1997	2.0	*	0.3	0.4	0.7	1.4	2.4	5.6	15.5	59.6
1996	1.8	*	*	0.4	0.5	1.0	2.7	6.0	13.4	56.3
1995	1.8	*	*	0.4	0.6	1.3	2.7	5.8	13.5	54.6
1994	1.7	*	*	*	0.5	1.1	2.3	5.6	13.1	54.1
1993	1.7	*	*	*	0.6	0.9	2.2	5.6	13.7	52.8
1992	1.6	*	*	*	0.6	0.9	2.4	5.2	12.7	50.8
1991	1.5	*	*	0.4	0.5	1.0	2.2	5.6	12.5	47.6
1990	1.5	*	*	0.5	0.7	1.2	2.2	5.7	12.6	49.9
1989	1.5	*	*	0.4	0.5	1.2	2.4	5.9	14.1	50.8
1988	1.5	*	*	*	0.7	1.1	2.5	6.0	13.4	51.2
1987	1.4	*	*	*	0.5	0.9	2.9	5.3	13.6	49.1
1986	1.4	*	*	0.4	0.7	1.2	2.9	5.4	12.6	50.1
1985	1.5	*	0.4	0.4	0.5	1.4	2.5	5.6	14.9	50.2
1984	1.3	*	*	0.3	0.6	1.1	2.7	5.7	13.6	47.1
1983	1.3	*	*	0.3	0.6	1.1	2.5	5.4	14.9	46.1
1982	1.2	*	*	0.4	0.6	1.2	2.6	5.9	12.8	40.5
1981	1.2	*	*	0.5	0.8	1.4	2.9	5.0	11.8	41.4
1980	1.2	*	*	0.5	0.9	1.2	2.9	5.6	13.6	41.6
1979	1.1	*	*	0.7	1.0	1.0	3.3	5.8	11.8	36.2
Nutritional deficiencies (260-269)										
White, both sexes										
1998	1.6	*	0.2	0.4	0.6	1.3	2.2	6.1	14.0	56.0
1997	1.5	0.1	0.2	0.4	0.6	1.2	2.3	5.6	14.2	56.1
1996	1.5	0.1	0.2	0.4	0.6	1.0	2.6	6.0	12.6	54.7
1995	1.4	0.2	0.2	0.4	0.6	1.1	2.5	5.0	13.3	53.1
1994	1.4	*	*	0.3	0.6	1.2	2.5	5.5	12.9	52.3
1993	1.4	0.1	0.2	0.3	0.4	1.2	2.4	5.6	14.0	52.9
1992	1.2	*	0.2	0.3	0.5	1.0	2.2	4.8	12.3	48.5
1991	1.2	0.2	*	0.4	0.5	0.9	2.2	5.6	13.2	45.7
1990	1.2	*	*	0.3	0.6	1.2	2.0	5.8	12.4	49.6
1989	1.2	0.2	*	0.4	0.5	1.2	2.3	5.5	13.9	49.6
1988	1.2	*	*	0.2	0.6	1.2	2.4	5.7	14.2	49.3
1987	1.2	*	*	0.3	0.5	1.1	2.7	5.9	14.2	49.2
1986	1.2	*	*	0.3	0.8	1.2	3.2	5.4	12.9	49.5
1985	1.2	*	0.3	0.5	0.6	1.3	2.6	5.8	15.2	50.9
1984	1.1	*	0.2	0.3	0.5	1.3	2.8	5.2	13.2	47.0
1983	1.1	*	0.2	0.3	0.7	1.3	2.8	5.8	14.5	46.8
1982	1.0	*	*	0.4	0.6	1.3	2.8	6.2	13.4	40.5
1981	1.0	*	*	0.4	0.8	1.6	2.7	5.5	12.5	40.8
1980	1.0	0.2	0.2	0.4	0.8	1.5	3.1	5.9	13.5	42.2
1979	1.0	*	0.3	0.4	1.0	1.1	2.9	6.3	12.6	37.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nutritional deficiencies (260-269)										
White, male										
1998	1.0	*	*	*	0.8	1.4	2.2	6.1	12.2	45.6
1997	0.9	*	*	*	0.6	1.2	2.5	5.6	12.0	45.4
1996	0.9	*	*	*	0.7	1.1	2.6	6.1	11.7	49.3
1995	0.9	*	*	*	0.7	1.0	2.6	4.8	13.3	48.9
1994	0.9	*	*	0.5	0.8	1.2	2.9	5.5	13.4	47.8
1993	1.0	*	*	*	*	1.9	2.7	5.7	15.9	52.4
1992	0.8	*	*	*	0.6	1.3	2.2	5.1	13.0	44.6
1991	0.8	*	*	*	0.5	0.8	2.5	6.1	14.5	42.7
1990	0.9	*	*	*	0.5	1.4	2.3	6.4	14.0	50.3
1989	0.9	*	*	0.5	0.5	1.1	2.5	5.7	15.1	50.4
1988	0.9	*	*	*	0.6	1.4	2.8	5.6	17.1	47.1
1987	0.9	*	*	*	0.6	1.4	2.6	6.9	16.6	49.8
1986	0.9	*	*	0.4	0.8	1.6	3.7	6.2	14.8	48.6
1985	0.9	*	*	0.5	0.8	1.6	3.0	6.4	17.1	52.8
1984	0.8	*	*	*	0.6	1.8	3.4	5.4	13.4	45.5
1983	0.9	*	*	*	0.9	1.6	3.7	6.5	15.1	49.9
1982	0.8	*	*	0.5	0.8	1.6	3.6	7.1	15.9	42.9
1981	0.8	*	*	0.5	0.8	1.9	2.9	6.4	15.2	43.0
1980	0.8	*	*	*	0.7	1.9	3.4	7.4	14.2	44.5
1979	0.8	*	*	*	1.1	1.4	2.8	7.5	14.7	39.9
Nutritional deficiencies (260-269)										
White, female										
1998	2.1	*	*	0.4	0.5	1.2	2.1	6.1	15.1	60.1
1997	2.1	*	*	0.4	0.7	1.3	2.2	5.6	15.4	60.3
1996	2.0	*	*	0.4	0.5	0.9	2.6	5.9	13.0	56.8
1995	1.9	*	*	0.4	0.6	1.2	2.5	5.2	13.2	54.7
1994	1.8	*	*	*	0.5	1.1	2.1	5.5	12.7	54.0
1993	1.8	*	*	*	0.5	0.7	2.1	5.4	12.9	53.1
1992	1.6	*	*	*	0.5	0.8	2.2	4.6	12.0	50.0
1991	1.6	*	*	*	0.5	0.9	1.9	5.4	12.5	46.8
1990	1.5	*	*	*	0.6	1.0	1.8	5.3	11.6	49.3
1989	1.6	*	*	*	0.5	1.2	2.1	5.4	13.2	49.3
1988	1.6	*	*	*	0.6	1.0	2.2	5.8	12.7	50.1
1987	1.5	*	*	*	0.4	0.8	2.7	5.2	12.9	49.0
1986	1.5	*	*	*	0.8	0.9	2.8	4.8	11.9	49.8
1985	1.5	*	*	0.4	0.5	1.2	2.3	5.4	14.2	50.1
1984	1.4	*	*	*	0.5	0.9	2.3	5.1	13.1	47.6
1983	1.4	*	*	*	0.6	1.1	2.1	5.3	14.2	45.5
1982	1.2	*	*	*	0.5	1.0	2.2	5.7	12.1	39.4
1981	1.2	*	*	0.4	0.8	1.3	2.6	4.9	11.1	39.9
1980	1.2	*	*	0.4	0.9	1.1	2.9	5.0	13.2	41.2
1979	1.1	*	*	0.5	0.9	0.8	3.0	5.5	11.4	35.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nutritional deficiencies (260-269)										
All other, both sexes										
1998	1.1	*	*	*	*	2.4	3.8	7.7	23.7	70.0
1997	1.0	*	*	*	*	2.7	4.4	7.0	17.8	56.3
1996	1.0	*	*	*	*	2.6	4.1	7.5	17.3	55.3
1995	1.0	*	*	*	*	2.4	3.9	10.5	20.7	54.9
1994	1.0	*	*	*	*	2.0	3.0	8.6	19.2	57.5
1993	1.1	*	*	*	*	3.2	4.9	9.6	21.5	51.6
1992	1.2	*	*	*	*	2.5	5.4	11.3	23.5	60.9
1991	1.0	*	*	*	*	2.5	5.9	8.4	18.5	69.9
1990	1.2	*	*	*	1.7	2.9	6.1	10.1	25.4	62.6
1989	1.2	*	*	*	*	2.9	5.4	11.8	24.6	70.7
1988	1.2	*	*	*	1.9	2.9	6.3	8.7	22.2	68.1
1987	1.1	*	*	*	*	2.5	5.4	9.4	22.4	57.1
1986	1.2	*	*	*	*	3.2	5.9	13.3	23.6	58.4
1985	1.1	*	*	*	*	3.4	6.1	9.2	25.7	48.9
1984	1.1	*	*	*	2.3	2.7	6.9	13.6	20.9	48.4
1983	1.2	*	*	*	2.2	2.7	8.1	11.0	25.6	56.3
1982	1.1	*	*	*	*	3.0	7.1	12.6	23.8	55.0
1981	1.0	*	*	*	*	2.9	6.6	8.7	19.5	57.9
1980	1.1	*	*	*	2.1	3.4	5.3	12.0	22.3	50.7
1979	1.1	*	*	*	*	4.2	6.9	10.2	22.8	44.8
Nutritional deficiencies (260-269)										
All other, male										
1998	0.9	*	*	*	*	*	*	10.6	29.2	64.2
1997	0.9	*	*	*	*	*	5.7	9.5	21.0	63.9
1996	0.8	*	*	*	*	4.4	*	8.8	18.7	64.0
1995	0.9	*	*	*	*	*	*	9.2	28.3	58.2
1994	0.9	*	*	*	*	*	*	11.2	22.4	61.8
1993	1.0	*	*	*	*	4.3	6.6	14.1	22.2	55.2
1992	1.1	*	*	*	*	*	6.9	12.1	30.0	64.1
1991	1.1	*	*	*	*	*	7.2	10.1	29.2	99.8
1990	1.1	*	*	*	*	*	6.6	12.1	29.9	77.4
1989	1.1	*	*	*	*	4.6	*	13.5	27.3	76.5
1988	1.2	*	*	*	*	*	8.0	10.0	23.9	77.2
1987	1.2	*	*	*	*	*	7.2	14.4	25.0	70.1
1986	1.2	*	*	*	*	*	8.6	17.6	30.6	69.3
1985	1.0	*	*	*	*	*	9.3	11.2	29.8	43.8
1984	1.1	*	*	*	*	*	8.1	17.3	24.8	62.5
1983	1.3	*	*	*	*	*	11.9	17.8	29.9	62.3
1982	1.1	*	*	*	*	*	8.7	19.4	28.7	58.2
1981	1.0	*	*	*	*	*	7.4	13.4	*	53.1
1980	1.2	*	*	*	*	5.4	7.3	12.3	27.5	59.2
1979	1.2	*	*	*	*	5.9	*	12.0	32.6	49.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nutritional deficiencies (260-269)										
All other, female										
1998	1.3	*	*	*	*	*	*	5.9	20.8	72.4
1997	1.1	*	*	*	*	*	3.5	5.3	16.1	53.1
1996	1.1	*	*	*	*	*	3.6	6.7	16.6	51.6
1995	1.1	*	*	*	*	*	4.2	11.2	16.6	53.4
1994	1.1	*	*	*	*	*	*	6.9	17.5	55.6
1993	1.1	*	*	*	*	*	*	6.8	21.0	50.1
1992	1.2	*	*	*	*	*	4.3	10.9	20.0	59.5
1991	1.0	*	*	*	*	*	5.1	7.3	12.6	56.7
1990	1.3	*	*	*	*	*	5.8	8.9	22.8	55.8
1989	1.3	*	*	*	*	*	5.4	10.7	23.1	67.6
1988	1.2	*	*	*	*	*	5.1	7.8	21.1	63.9
1987	1.0	*	*	*	*	*	*	6.3	20.9	50.9
1986	1.1	*	*	*	*	*	*	10.5	19.6	53.2
1985	1.1	*	*	*	*	3.6	*	8.0	23.3	51.3
1984	1.0	*	*	*	*	*	6.1	11.2	18.6	41.4
1983	1.1	*	*	*	*	*	5.3	*	23.0	53.2
1982	1.2	*	*	*	*	*	6.0	8.1	21.0	53.4
1981	1.1	*	*	*	*	*	5.9	*	20.7	59.8
1980	1.0	*	*	*	*	*	*	11.8	19.0	46.4
1979	1.1	*	*	*	*	*	6.9	8.9	16.7	43.0
Nutritional deficiencies (260-269)										
Black, both sexes										
1998	1.3	*	*	*	*	3.2	4.7	9.2	27.8	73.0
1997	1.2	*	*	*	*	3.4	5.2	8.7	19.3	60.4
1996	1.2	*	*	*	*	3.3	4.7	9.6	19.1	56.3
1995	1.2	*	*	*	*	3.0	4.9	11.9	22.9	55.6
1994	1.2	*	*	*	*	2.4	3.9	10.4	22.3	60.9
1993	1.3	*	*	*	*	3.9	6.1	10.7	24.2	53.3
1992	1.4	*	*	*	*	3.0	5.9	12.9	24.1	63.2
1991	1.3	*	*	*	*	3.1	6.4	9.4	20.5	72.6
1990	1.4	*	*	*	2.1	3.4	7.1	11.6	27.1	66.0
1989	1.5	*	*	*	*	3.4	6.5	13.4	26.6	75.9
1988	1.4	*	*	*	2.4	3.3	7.0	9.3	23.2	72.4
1987	1.3	*	*	*	*	2.8	6.1	10.1	25.9	60.6
1986	1.4	*	*	*	*	3.7	6.4	14.6	25.5	58.7
1985	1.2	*	*	*	*	4.0	6.5	9.7	25.7	50.8
1984	1.2	*	*	*	2.7	3.0	7.5	14.3	23.3	47.4
1983	1.3	*	*	*	2.6	3.2	8.4	12.1	28.6	53.3
1982	1.3	*	*	*	*	3.4	8.1	14.0	23.4	52.8
1981	1.1	*	*	*	*	2.9	7.2	9.0	20.6	54.8
1980	1.3	*	*	*	2.3	3.7	5.7	12.6	21.5	54.1
1979	1.2	*	*	*	*	4.3	7.6	10.6	22.9	47.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nutritional deficiencies (260-269)										
Black, male										
1998	1.1	*	*	*	*	*	*	12.9	34.3	69.4
1997	1.1	*	*	*	*	*	*	12.2	25.5	67.7
1996	1.0	*	*	*	*	5.7	*	11.6	22.2	66.5
1995	1.1	*	*	*	*	*	*	10.4	32.7	64.2
1994	1.1	*	*	*	*	*	*	13.5	28.1	67.8
1993	1.2	*	*	*	*	5.4	8.4	15.4	27.6	59.9
1992	1.3	*	*	*	*	*	7.4	14.9	31.4	70.1
1991	1.3	*	*	*	*	*	*	11.1	32.9	108.7
1990	1.3	*	*	*	*	*	8.3	14.0	33.6	81.5
1989	1.3	*	*	*	*	*	*	16.3	30.9	83.3
1988	1.4	*	*	*	*	*	9.6	11.9	26.6	86.2
1987	1.4	*	*	*	*	*	8.0	17.7	29.3	78.1
1986	1.4	*	*	*	*	*	9.3	20.3	35.6	69.8
1985	1.1	*	*	*	*	*	10.2	12.4	28.7	40.3
1984	1.2	*	*	*	*	*	9.0	18.0	27.4	62.3
1983	1.5	*	*	*	*	*	13.1	19.4	34.1	63.3
1982	1.2	*	*	*	*	*	9.9	22.4	25.0	55.2
1981	1.1	*	*	*	*	*	*	13.9	*	46.4
1980	1.4	*	*	*	*	6.0	*	13.7	26.7	62.3
1979	1.3	*	*	*	*	6.2	*	13.0	32.5	53.8
Nutritional deficiencies (260-269)										
Black, female										
1998	1.6	*	*	*	*	*	*	7.0	24.6	74.4
1997	1.3	*	*	*	*	*	*	6.5	16.3	57.6
1996	1.3	*	*	*	*	*	*	8.5	17.6	52.3
1995	1.4	*	*	*	*	*	5.2	12.7	18.2	52.3
1994	1.3	*	*	*	*	*	*	8.6	19.4	58.3
1993	1.3	*	*	*	*	*	*	8.0	22.4	50.7
1992	1.5	*	*	*	*	*	4.9	11.8	20.4	60.4
1991	1.2	*	*	*	*	*	5.8	8.5	14.2	57.8
1990	1.5	*	*	*	*	*	6.2	10.2	23.7	59.5
1989	1.6	*	*	*	*	*	6.5	11.6	24.3	73.2
1988	1.4	*	*	*	*	*	5.3	7.8	21.3	66.4
1987	1.2	*	*	*	*	*	*	*	24.0	52.8
1986	1.3	*	*	*	*	*	*	11.0	20.0	53.6
1985	1.3	*	*	*	*	*	*	8.1	24.1	55.6
1984	1.2	*	*	*	*	*	6.5	12.0	21.1	40.3
1983	1.2	*	*	*	*	*	*	*	25.5	48.4
1982	1.3	*	*	*	*	*	6.8	8.8	22.5	51.7
1981	1.2	*	*	*	*	*	6.7	*	22.0	58.4
1980	1.1	*	*	*	*	*	*	11.9	18.4	50.0
1979	1.2	*	*	*	*	*	7.6	8.9	16.9	44.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malnutrition (260-263)										
All races, both sexes										
1998	1.4	0.1	0.2	0.4	0.6	1.3	2.2	5.8	14.2	54.9
1997	1.4	0.2	0.2	0.4	0.7	1.3	2.4	5.4	13.9	53.8
1996	1.3	0.1	0.3	0.4	0.6	1.2	2.6	5.8	12.3	52.7
1995	1.3	0.2	0.2	0.4	0.7	1.2	2.6	5.4	13.6	51.3
1994	1.2	0.1	0.2	0.4	0.6	1.2	2.4	5.5	12.7	50.3
1993	1.3	0.1	0.2	0.4	0.5	1.4	2.5	5.6	13.9	50.5
1992	1.2	0.2	0.2	0.3	0.6	1.1	2.5	5.2	12.9	47.5
1991	1.1	0.2	*	0.4	0.5	1.0	2.4	5.6	12.9	46.0
1990	1.2	0.2	0.2	0.5	0.7	1.3	2.2	5.9	13.0	48.5
1989	1.2	0.2	*	0.5	0.5	1.3	2.5	5.9	14.3	49.1
1988	1.2	*	*	0.3	0.7	1.3	2.7	5.6	14.4	48.7
1987	1.1	*	0.2	0.4	0.6	1.2	2.7	5.9	14.3	47.6
1986	1.1	*	*	0.4	0.7	1.3	3.1	5.8	13.1	47.7
1985	1.1	*	0.3	0.5	0.6	1.4	2.8	5.8	15.4	48.6
1984	1.0	*	0.2	0.4	0.7	1.3	3.0	5.6	13.5	44.8
1983	1.1	*	0.2	0.3	0.8	1.3	3.1	6.0	14.9	45.5
1982	1.0	*	0.2	0.4	0.7	1.4	3.1	6.6	13.6	40.0
1981	1.0	*	0.2	0.5	0.7	1.6	3.0	5.6	12.4	40.6
1980	1.0	0.2	0.2	0.5	0.9	1.6	3.1	6.3	13.9	41.7
1979	0.9	0.2	0.3	0.5	1.0	1.3	3.0	6.3	12.9	36.8
Malnutrition (260-263)										
All races, male										
1998	0.9	*	*	0.4	0.8	1.5	2.3	6.1	13.2	45.3
1997	0.9	*	*	0.4	0.7	1.4	2.7	5.8	12.0	45.3
1996	0.9	*	0.3	0.4	0.6	1.4	2.6	5.9	11.7	48.8
1995	0.9	*	*	0.5	0.8	1.1	2.5	5.0	14.1	47.4
1994	0.9	*	*	0.5	0.8	1.3	2.7	5.6	13.3	46.9
1993	0.9	*	*	0.4	0.5	2.0	2.9	6.4	15.2	50.2
1992	0.8	*	*	*	0.6	1.4	2.6	5.3	13.9	44.9
1991	0.8	*	*	0.4	0.5	1.0	2.8	6.1	14.9	46.7
1990	0.9	*	*	0.4	0.6	1.4	2.5	6.5	15.0	50.4
1989	0.9	*	*	0.6	0.6	1.4	2.7	6.0	15.7	50.8
1988	0.9	*	*	*	0.8	1.5	3.1	5.9	16.8	47.9
1987	0.9	*	*	0.5	0.7	1.5	2.8	7.3	16.7	50.0
1986	0.9	*	*	0.5	0.8	1.6	3.8	6.9	15.4	47.9
1985	0.9	*	*	0.6	0.8	1.5	3.4	6.4	17.8	49.5
1984	0.8	*	*	0.5	0.7	1.8	3.7	6.1	14.1	45.1
1983	0.9	*	*	*	1.1	1.6	4.2	7.4	15.9	48.5
1982	0.8	*	*	0.5	0.8	1.6	3.8	8.0	16.1	43.2
1981	0.8	*	*	0.5	0.8	1.9	3.3	6.9	14.4	42.4
1980	0.8	*	*	0.5	0.9	2.2	3.5	7.7	15.2	44.9
1979	0.8	*	0.4	0.4	1.1	1.7	2.9	7.3	15.5	39.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malnutrition (260-263)										
All races, female										
1998	1.9	*	*	0.4	0.5	1.2	2.2	5.5	14.8	58.7
1997	1.9	*	0.3	0.4	0.7	1.3	2.2	5.2	15.0	57.1
1996	1.7	*	*	0.3	0.5	1.0	2.6	5.8	12.7	54.2
1995	1.7	*	*	0.4	0.6	1.3	2.6	5.6	13.3	52.8
1994	1.6	*	*	*	0.5	1.1	2.2	5.4	12.4	51.6
1993	1.6	*	*	*	0.5	0.9	2.1	5.1	13.2	50.6
1992	1.5	*	*	*	0.5	0.9	2.3	5.1	12.4	48.4
1991	1.4	*	*	*	0.5	1.0	2.2	5.3	11.9	45.7
1990	1.4	*	*	0.5	0.7	1.1	2.0	5.5	11.9	47.7
1989	1.5	*	*	0.4	0.4	1.2	2.3	5.7	13.5	48.5
1988	1.4	*	*	*	0.7	1.1	2.4	5.4	13.1	49.1
1987	1.4	*	*	*	0.5	0.9	2.6	5.1	13.1	46.7
1986	1.4	*	*	*	0.7	1.1	2.7	5.2	11.9	47.6
1985	1.4	*	*	0.4	0.5	1.4	2.4	5.4	14.2	48.2
1984	1.3	*	*	0.3	0.6	1.0	2.5	5.3	13.2	44.7
1983	1.3	*	*	*	0.6	1.1	2.3	5.1	14.4	44.2
1982	1.2	*	*	0.4	0.6	1.2	2.5	5.6	12.2	38.7
1981	1.1	*	*	0.5	0.6	1.3	2.7	4.8	11.4	39.8
1980	1.2	*	*	0.5	0.8	1.2	2.8	5.4	13.2	40.3
1979	1.1	*	*	0.6	0.9	1.0	3.1	5.6	11.4	35.4
Malnutrition (260-263)										
White, both sexes										
1998	1.5	*	0.2	0.4	0.6	1.2	2.0	5.6	13.3	53.6
1997	1.5	0.1	0.2	0.4	0.6	1.1	2.2	5.3	13.6	53.8
1996	1.4	0.1	0.2	0.3	0.5	0.9	2.4	5.6	12.0	52.6
1995	1.4	0.2	*	0.4	0.6	1.0	2.4	4.9	13.0	51.1
1994	1.3	*	*	0.3	0.6	1.1	2.4	5.2	12.1	49.9
1993	1.3	*	0.2	0.3	0.4	1.2	2.2	5.3	13.1	50.6
1992	1.2	*	*	0.3	0.5	1.0	2.1	4.5	12.0	46.5
1991	1.2	*	*	0.3	0.5	0.8	2.1	5.4	12.5	43.9
1990	1.2	*	*	0.3	0.6	1.1	1.8	5.5	11.9	47.3
1989	1.2	*	*	0.4	0.4	1.1	2.2	5.3	13.4	47.3
1988	1.2	*	*	*	0.6	1.1	2.3	5.3	13.8	47.0
1987	1.1	*	*	0.3	0.4	1.1	2.4	5.6	13.7	47.0
1986	1.1	*	*	0.3	0.7	1.1	2.8	5.1	12.3	47.0
1985	1.2	*	0.2	0.4	0.6	1.2	2.5	5.6	14.5	48.6
1984	1.0	*	*	0.3	0.5	1.2	2.6	4.8	12.9	44.5
1983	1.1	*	*	0.3	0.6	1.2	2.6	5.5	14.0	44.7
1982	1.0	*	*	0.4	0.6	1.2	2.6	6.0	12.8	38.8
1981	1.0	*	*	0.4	0.7	1.5	2.6	5.3	11.8	39.4
1980	1.0	*	0.2	0.4	0.7	1.4	2.9	5.7	13.2	41.2
1979	0.9	*	0.3	0.4	0.9	1.0	2.6	6.0	12.1	36.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malnutrition (260-263)										
White, male										
1998	0.9	*	*	*	0.7	1.3	2.0	5.7	11.7	43.5
1997	0.9	*	*	*	0.5	1.1	2.4	5.4	11.3	43.7
1996	0.9	*	*	*	0.6	1.0	2.4	5.6	11.2	47.6
1995	0.9	*	*	*	0.6	0.9	2.5	4.6	12.9	46.5
1994	0.9	*	*	0.4	0.7	1.2	2.8	5.1	12.4	45.6
1993	0.9	*	*	*	*	1.8	2.6	5.6	14.5	50.0
1992	0.8	*	*	*	0.5	1.3	2.2	4.7	12.5	43.1
1991	0.8	*	*	*	*	0.7	2.4	5.9	13.4	41.1
1990	0.8	*	*	*	0.5	1.3	2.1	6.0	13.6	48.0
1989	0.8	*	*	*	*	1.1	2.5	5.3	14.6	48.1
1988	0.8	*	*	*	0.6	1.3	2.7	5.4	16.3	44.7
1987	0.9	*	*	*	0.5	1.3	2.4	6.6	16.0	48.0
1986	0.8	*	*	*	0.7	1.4	3.3	5.8	14.1	46.0
1985	0.9	*	*	0.5	0.7	1.4	2.8	6.1	16.6	50.3
1984	0.8	*	*	*	0.5	1.7	3.3	5.0	13.1	43.3
1983	0.8	*	*	*	0.8	1.5	3.5	6.3	14.5	47.4
1982	0.8	*	*	0.4	0.7	1.5	3.3	6.8	15.1	41.8
1981	0.8	*	*	0.4	0.7	1.8	2.8	6.2	14.1	41.4
1980	0.8	*	*	*	0.6	1.8	3.1	7.2	14.1	44.0
1979	0.7	*	*	*	1.0	1.3	2.5	7.0	13.9	39.1
Malnutrition (260-263)										
White, female										
1998	2.0	*	*	0.4	0.4	1.1	2.1	5.6	14.2	57.6
1997	2.0	*	*	0.4	0.7	1.2	2.1	5.2	14.9	57.7
1996	1.9	*	*	*	0.5	0.9	2.4	5.7	12.4	54.6
1995	1.8	*	*	*	0.5	1.2	2.4	5.0	13.0	52.8
1994	1.7	*	*	*	0.5	1.0	2.1	5.3	12.0	51.5
1993	1.7	*	*	*	*	0.7	1.9	5.0	12.4	50.9
1992	1.6	*	*	*	0.5	0.8	2.1	4.5	11.8	47.8
1991	1.5	*	*	*	0.5	0.9	1.8	5.1	12.0	44.9
1990	1.5	*	*	*	0.6	0.9	1.6	5.2	11.0	47.1
1989	1.5	*	*	*	0.4	1.1	2.0	5.2	12.8	47.0
1988	1.5	*	*	*	0.6	1.0	2.1	5.2	12.5	47.8
1987	1.4	*	*	*	*	0.8	2.4	5.0	12.5	46.6
1986	1.4	*	*	*	0.7	0.9	2.5	4.7	11.4	47.4
1985	1.5	*	*	0.4	0.5	1.1	2.2	5.2	13.4	48.0
1984	1.3	*	*	*	0.5	0.8	2.1	4.7	12.8	45.0
1983	1.3	*	*	*	0.5	1.0	1.9	5.1	13.7	43.6
1982	1.2	*	*	*	0.5	1.0	2.1	5.4	11.6	37.6
1981	1.1	*	*	0.4	0.6	1.2	2.5	4.8	10.6	38.5
1980	1.2	*	*	0.4	0.8	1.1	2.7	4.8	12.7	40.0
1979	1.1	*	*	0.4	0.8	0.8	2.8	5.3	11.1	34.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malnutrition (260-263)										
All other, both sexes										
1998	1.1	*	*	*	*	2.1	3.8	7.3	23.5	67.8
1997	1.0	*	*	*	*	2.7	4.1	6.7	17.1	53.8
1996	0.9	*	*	*	*	2.6	4.0	7.5	15.6	53.3
1995	1.0	*	*	*	*	2.3	3.7	10.0	19.7	53.4
1994	0.9	*	*	*	*	1.9	2.9	8.3	18.7	55.0
1993	1.0	*	*	*	*	3.0	4.5	8.8	21.5	49.0
1992	1.1	*	*	*	*	2.2	5.3	11.0	22.4	57.5
1991	1.0	*	*	*	*	2.5	5.8	7.9	17.7	68.1
1990	1.1	*	*	*	1.6	2.7	6.0	9.9	24.8	60.3
1989	1.2	*	*	*	*	2.8	5.1	11.3	23.4	68.8
1988	1.1	*	*	*	1.8	2.6	6.1	8.3	20.6	67.3
1987	1.0	*	*	*	*	2.3	5.4	9.3	21.1	55.0
1986	1.1	*	*	*	*	3.2	5.9	12.5	21.2	55.0
1985	1.0	*	*	*	*	3.3	5.7	8.1	25.4	48.0
1984	1.0	*	*	*	2.2	2.5	6.8	13.2	20.1	47.9
1983	1.1	*	*	*	2.1	2.4	7.6	10.6	25.2	54.3
1982	1.1	*	*	*	*	2.9	7.1	12.6	21.8	53.0
1981	1.0	*	*	*	*	2.6	6.1	8.7	19.5	54.2
1980	1.1	*	*	*	2.0	3.3	5.1	11.8	21.8	47.4
1979	1.1	*	*	*	*	3.9	6.7	9.3	22.3	44.3
Malnutrition (260-263)										
All other, male										
1998	0.9	*	*	*	*	*	*	10.2	29.2	61.5
1997	0.9	*	*	*	*	*	5.4	9.2	19.6	60.2
1996	0.8	*	*	*	*	4.4	*	8.8	16.6	60.1
1995	0.8	*	*	*	*	*	*	8.8	26.2	55.2
1994	0.8	*	*	*	*	*	*	11.2	22.4	59.7
1993	1.0	*	*	*	*	*	6.1	14.1	22.2	52.0
1992	1.0	*	*	*	*	*	6.9	11.7	28.5	61.9
1991	1.1	*	*	*	*	*	6.9	8.8	29.2	98.7
1990	1.0	*	*	*	*	*	6.6	12.1	29.1	72.5
1989	1.0	*	*	*	*	4.4	*	12.6	26.4	75.3
1988	1.1	*	*	*	*	*	7.7	10.0	22.2	77.2
1987	1.1	*	*	*	*	*	7.2	14.0	24.1	68.8
1986	1.1	*	*	*	*	*	8.6	17.1	27.8	65.3
1985	0.9	*	*	*	*	*	8.3	*	29.8	42.5
1984	1.0	*	*	*	*	*	7.8	16.3	23.8	62.5
1983	1.2	*	*	*	*	*	10.9	17.8	29.9	59.4
1982	1.1	*	*	*	*	*	8.7	19.4	26.6	56.7
1981	0.9	*	*	*	*	*	7.4	13.4	*	51.6
1980	1.2	*	*	*	*	5.4	*	12.3	27.5	54.3
1979	1.2	*	*	*	*	5.4	*	*	32.6	49.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malnutrition (260-263)										
All other, female										
1998	1.2	*	*	*	*	*	*	5.4	20.4	70.5
1997	1.0	*	*	*	*	*	*	5.1	15.7	51.1
1996	1.0	*	*	*	*	*	3.6	6.7	15.1	50.4
1995	1.1	*	*	*	*	*	4.2	10.7	16.2	52.6
1994	1.0	*	*	*	*	*	*	6.4	16.7	52.9
1993	1.1	*	*	*	*	*	*	5.5	21.0	47.7
1992	1.2	*	*	*	*	*	4.1	10.6	19.1	55.6
1991	1.0	*	*	*	*	*	5.1	7.3	11.3	54.6
1990	1.2	*	*	*	*	*	5.5	8.6	22.4	54.7
1989	1.3	*	*	*	*	*	5.4	10.4	21.7	65.3
1988	1.2	*	*	*	*	*	5.1	7.2	19.6	62.7
1987	1.0	*	*	*	*	*	*	6.3	19.4	48.5
1986	1.1	*	*	*	*	*	*	9.6	17.5	50.0
1985	1.1	*	*	*	*	3.6	*	7.3	22.8	50.7
1984	1.0	*	*	*	*	*	6.1	11.2	18.0	40.7
1983	1.0	*	*	*	*	*	5.3	*	22.4	51.8
1982	1.1	*	*	*	*	*	6.0	8.1	19.1	51.1
1981	1.0	*	*	*	*	*	5.2	*	20.7	55.1
1980	1.0	*	*	*	*	*	*	11.4	18.3	43.8
1979	1.0	*	*	*	*	*	6.9	8.5	15.9	42.1
Malnutrition (260-263)										
Black, both sexes										
1998	1.3	*	*	*	*	2.9	4.7	8.8	27.5	70.8
1997	1.2	*	*	*	*	3.4	4.8	8.3	18.4	58.4
1996	1.1	*	*	*	*	3.3	4.6	9.6	17.3	54.2
1995	1.2	*	*	*	*	2.9	4.6	11.3	21.7	54.2
1994	1.2	*	*	*	*	2.2	3.8	10.0	21.7	58.3
1993	1.2	*	*	*	*	3.6	5.7	9.7	24.2	50.6
1992	1.3	*	*	*	*	2.6	5.8	12.5	23.1	59.6
1991	1.2	*	*	*	*	3.0	6.2	8.8	19.5	70.5
1990	1.4	*	*	*	*	3.1	6.9	11.6	26.4	63.8
1989	1.4	*	*	*	*	3.4	6.3	12.7	25.2	73.6
1988	1.4	*	*	*	2.3	3.1	6.8	9.1	21.3	71.5
1987	1.2	*	*	*	*	2.6	6.1	9.9	24.3	58.7
1986	1.3	*	*	*	*	3.7	6.4	13.7	22.7	55.2
1985	1.1	*	*	*	*	3.9	6.0	8.8	25.3	49.7
1984	1.2	*	*	*	2.6	2.9	7.4	13.9	22.5	46.8
1983	1.3	*	*	*	2.5	2.8	7.9	11.6	28.2	51.6
1982	1.2	*	*	*	*	3.3	8.1	14.0	21.1	51.1
1981	1.1	*	*	*	*	2.8	6.7	9.0	20.6	51.8
1980	1.2	*	*	*	2.3	3.6	5.5	12.4	21.0	51.6
1979	1.2	*	*	*	*	4.2	7.4	9.8	22.4	46.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Malnutrition (260-263)										
Black, male										
1998	1.1	*	*	*	*	*	*	12.9	34.3	65.8
1997	1.1	*	*	*	*	*	*	11.8	23.7	65.2
1996	1.0	*	*	*	*	5.7	*	11.6	20.4	61.5
1995	1.0	*	*	*	*	*	*	*	29.9	61.6
1994	1.0	*	*	*	*	*	*	13.5	28.1	65.2
1993	1.2	*	*	*	*	*	7.7	15.4	27.6	55.8
1992	1.2	*	*	*	*	*	7.4	14.4	29.4	67.3
1991	1.3	*	*	*	*	*	*	*	32.9	107.3
1990	1.3	*	*	*	*	*	8.3	14.0	32.5	77.0
1989	1.3	*	*	*	*	*	*	15.2	29.9	81.8
1988	1.3	*	*	*	*	*	9.2	11.9	24.5	86.2
1987	1.3	*	*	*	*	*	8.0	17.1	28.3	76.6
1986	1.3	*	*	*	*	*	9.3	19.8	32.2	66.7
1985	1.0	*	*	*	*	*	8.9	*	28.7	38.7
1984	1.2	*	*	*	*	*	8.6	16.8	26.2	62.3
1983	1.4	*	*	*	*	*	11.9	19.4	34.1	61.7
1982	1.2	*	*	*	*	*	9.9	22.4	*	53.4
1981	1.0	*	*	*	*	*	*	13.9	*	44.6
1980	1.3	*	*	*	*	6.0	*	13.7	26.7	58.5
1979	1.3	*	*	*	*	5.9	*	*	32.5	53.8
Malnutrition (260-263)										
Black, female										
1998	1.5	*	*	*	*	*	*	6.4	24.1	72.6
1997	1.3	*	*	*	*	*	*	6.2	15.9	55.7
1996	1.2	*	*	*	*	*	*	8.5	15.8	51.4
1995	1.3	*	*	*	*	*	5.2	12.1	17.7	51.3
1994	1.3	*	*	*	*	*	*	7.9	18.5	55.7
1993	1.3	*	*	*	*	*	*	6.4	22.4	48.6
1992	1.4	*	*	*	*	*	*	11.5	19.9	56.5
1991	1.2	*	*	*	*	*	5.8	8.5	12.7	55.4
1990	1.5	*	*	*	*	*	6.0	10.2	23.2	58.2
1989	1.5	*	*	*	*	*	6.5	11.3	22.7	70.6
1988	1.4	*	*	*	*	*	5.3	7.4	19.7	65.1
1987	1.2	*	*	*	*	*	*	*	22.2	50.7
1986	1.2	*	*	*	*	*	*	10.0	17.6	50.0
1985	1.3	*	*	*	*	*	*	7.7	23.4	54.9
1984	1.2	*	*	*	*	*	6.5	12.0	20.4	39.5
1983	1.1	*	*	*	*	*	*	*	24.8	46.8
1982	1.3	*	*	*	*	*	6.8	8.8	20.3	50.0
1981	1.1	*	*	*	*	*	5.8	*	22.0	54.9
1980	1.1	*	*	*	*	*	*	11.5	17.6	48.1
1979	1.1	*	*	*	*	*	7.6	8.5	16.1	43.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other nutritional deficiencies (264-269)										
All races, both sexes										
1998	0.1	*	*	*	*	*	*	0.5	0.7	2.4
1997	0.1	*	*	*	*	*	*	0.3	0.6	2.3
1996	0.1	*	*	*	*	*	*	0.3	0.7	2.1
1995	0.1	*	*	*	*	*	*	*	*	2.0
1994	0.1	*	*	*	*	*	*	*	0.8	2.4
1993	0.1	*	*	*	*	*	*	0.3	0.8	2.3
1992	0.1	*	*	*	*	*	*	*	*	2.1
1991	0.1	*	*	*	*	*	*	*	0.7	1.8
1990	0.1	*	*	*	*	*	*	*	0.6	2.3
1989	0.1	*	*	*	*	*	*	*	0.5	2.3
1988	0.1	*	*	*	*	*	*	0.4	0.5	2.1
1987	0.1	*	*	*	*	*	*	*	0.6	2.2
1986	0.1	*	*	*	*	*	0.3	*	0.7	2.5
1985	0.1	*	*	*	*	*	*	*	0.7	2.1
1984	0.1	*	*	*	*	*	*	0.4	*	2.3
1983	0.1	*	*	*	*	*	*	*	*	2.1
1982	0.1	*	*	*	*	*	*	*	0.7	1.6
1981	0.1	*	*	*	*	*	*	*	*	1.6
1980	0.0	*	*	*	*	*	*	*	*	1.2
1979	0.1	*	*	*	*	*	*	*	*	*
Other nutritional deficiencies (264-269)										
All races, male										
1998	0.0	*	*	*	*	*	*	*	*	2.2
1997	0.0	*	*	*	*	*	*	*	*	1.9
1996	0.1	*	*	*	*	*	*	*	*	2.0
1995	0.0	*	*	*	*	*	*	*	*	2.4
1994	0.1	*	*	*	*	*	*	*	*	2.2
1993	0.1	*	*	*	*	*	*	*	1.3	2.4
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	2.5
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	2.7
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other nutritional deficiencies (264-269)										
All races, female										
1998	0.1	*	*	*	*	*	*	0.5	0.8	2.5
1997	0.1	*	*	*	*	*	*	*	*	2.5
1996	0.1	*	*	*	*	*	*	*	0.7	2.1
1995	0.1	*	*	*	*	*	*	*	*	1.8
1994	0.1	*	*	*	*	*	*	*	*	2.5
1993	0.1	*	*	*	*	*	*	*	*	2.2
1992	0.1	*	*	*	*	*	*	*	*	2.3
1991	0.1	*	*	*	*	*	*	*	*	1.9
1990	0.1	*	*	*	*	*	*	*	*	2.2
1989	0.1	*	*	*	*	*	*	*	*	2.3
1988	0.1	*	*	*	*	*	*	0.6	*	2.2
1987	0.1	*	*	*	*	*	*	*	*	2.4
1986	0.1	*	*	*	*	*	*	*	*	2.4
1985	0.1	*	*	*	*	*	*	*	*	2.0
1984	0.1	*	*	*	*	*	*	*	*	2.4
1983	0.1	*	*	*	*	*	*	*	*	1.9
1982	0.1	*	*	*	*	*	*	*	*	1.9
1981	0.1	*	*	*	*	*	*	*	*	1.6
1980	0.0	*	*	*	*	*	*	*	*	1.3
1979	0.0	*	*	*	*	*	*	*	*	*
Other nutritional deficiencies (264-269)										
White, both sexes										
1998	0.1	*	*	*	*	*	*	0.5	0.7	2.4
1997	0.1	*	*	*	*	*	*	0.3	0.6	2.3
1996	0.1	*	*	*	*	*	*	0.4	0.6	2.1
1995	0.1	*	*	*	*	*	*	*	*	2.0
1994	0.1	*	*	*	*	*	*	*	0.8	2.4
1993	0.1	*	*	*	*	*	*	*	0.9	2.2
1992	0.1	*	*	*	*	*	*	*	*	2.0
1991	0.1	*	*	*	*	*	*	*	0.7	1.8
1990	0.1	*	*	*	*	*	*	*	0.6	2.2
1989	0.1	*	*	*	*	*	*	*	*	2.3
1988	0.1	*	*	*	*	*	*	0.4	*	2.3
1987	0.1	*	*	*	*	*	*	*	*	2.2
1986	0.1	*	*	*	*	*	0.3	*	*	2.4
1985	0.1	*	*	*	*	*	*	*	0.7	2.2
1984	0.1	*	*	*	*	*	*	*	*	2.4
1983	0.1	*	*	*	*	*	*	*	*	2.1
1982	0.1	*	*	*	*	*	*	*	*	1.6
1981	0.1	*	*	*	*	*	*	*	*	1.4
1980	0.0	*	*	*	*	*	*	*	*	1.0
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other nutritional deficiencies (264-269)										
White, male										
1998	0.0	*	*	*	*	*	*	*	*	2.1
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	2.4
1994	0.1	*	*	*	*	*	*	*	*	2.2
1993	0.1	*	*	*	*	*	*	*	1.5	2.3
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Other nutritional deficiencies (264-269)										
White, female										
1998	0.1	*	*	*	*	*	*	0.5	0.8	2.6
1997	0.1	*	*	*	*	*	*	*	*	2.5
1996	0.1	*	*	*	*	*	*	*	*	2.2
1995	0.1	*	*	*	*	*	*	*	*	1.9
1994	0.1	*	*	*	*	*	*	*	*	2.5
1993	0.1	*	*	*	*	*	*	*	*	2.2
1992	0.1	*	*	*	*	*	*	*	*	2.2
1991	0.1	*	*	*	*	*	*	*	*	1.8
1990	0.1	*	*	*	*	*	*	*	*	2.2
1989	0.1	*	*	*	*	*	*	*	*	2.3
1988	0.1	*	*	*	*	*	*	0.6	*	2.3
1987	0.1	*	*	*	*	*	*	*	*	2.4
1986	0.1	*	*	*	*	*	*	*	*	2.4
1985	0.1	*	*	*	*	*	*	*	*	2.1
1984	0.1	*	*	*	*	*	*	*	*	2.5
1983	0.1	*	*	*	*	*	*	*	*	1.9
1982	0.1	*	*	*	*	*	*	*	*	1.8
1981	0.1	*	*	*	*	*	*	*	*	1.4
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other nutritional deficiencies (264-269)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other nutritional deficiencies (264-269)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other nutritional deficiencies (264-269)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other nutritional deficiencies (264-269)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other nutritional deficiencies (264-269)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other nutritional deficiencies (264-269)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningitis (320-322)										
All races, both sexes										
1998	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.8	1.0	1.0
1997	0.3	0.2	0.3	0.4	0.4	0.5	0.5	1.0	1.0	1.4
1996	0.3	0.3	0.3	0.3	0.4	0.5	0.7	0.9	1.1	1.3
1995	0.3	0.3	0.3	0.3	0.6	0.5	0.5	0.6	1.0	1.5
1994	0.3	0.2	0.3	0.4	0.5	0.4	0.8	0.8	1.2	1.4
1993	0.3	0.3	0.2	0.3	0.4	0.7	0.7	1.0	1.4	1.5
1992	0.3	0.2	0.3	0.4	0.4	0.6	0.7	1.0	1.3	1.7
1991	0.4	0.2	0.2	0.4	0.5	0.8	0.9	1.1	1.8	2.4
1990	0.4	0.3	0.4	0.5	0.6	0.7	1.0	1.1	1.6	2.0
1989	0.4	0.3	0.4	0.4	0.6	0.9	0.9	1.0	1.6	2.2
1988	0.5	0.3	0.3	0.5	0.7	0.9	1.3	1.6	1.9	2.8
1987	0.5	0.3	0.5	0.5	0.7	0.7	1.1	1.1	2.0	2.9
1986	0.5	0.3	0.3	0.5	0.9	0.8	1.2	1.5	1.9	2.6
1985	0.5	0.2	0.4	0.6	0.6	0.8	1.3	1.9	2.2	2.4
1984	0.5	0.2	0.4	0.6	0.7	0.7	1.0	1.5	2.3	2.4
1983	0.6	0.4	0.3	0.5	0.8	1.0	1.2	1.5	1.9	2.4
1982	0.6	0.3	0.4	0.5	0.7	0.8	1.0	1.5	1.7	3.4
1981	0.6	0.5	0.4	0.7	0.8	0.9	1.0	1.5	1.9	2.9
1980	0.6	0.3	0.4	0.5	0.8	0.9	1.4	1.2	2.1	2.0
1979	0.6	0.3	0.4	0.6	0.8	1.0	1.2	1.4	2.0	2.1
Meningitis (320-322)										
All races, male										
1998	0.3	0.4	0.3	0.4	*	0.7	0.7	1.0	1.3	*
1997	0.3	0.4	0.4	0.5	0.5	0.7	0.7	1.2	*	*
1996	0.3	0.4	0.4	*	0.6	0.6	0.8	1.1	1.3	*
1995	0.3	0.3	0.4	0.4	0.6	0.6	0.6	0.8	*	*
1994	0.3	0.3	0.4	0.4	0.5	0.4	0.8	1.0	*	2.1
1993	0.3	0.3	*	*	0.5	0.9	0.7	1.2	1.7	*
1992	0.3	*	0.4	0.7	0.4	0.5	0.9	1.0	1.5	*
1991	0.4	0.3	*	0.4	0.7	0.7	0.7	1.0	1.8	2.9
1990	0.4	0.3	0.5	0.5	0.7	0.7	1.0	1.1	1.6	2.6
1989	0.5	0.4	0.4	0.4	0.7	1.1	0.9	*	1.9	2.8
1988	0.5	0.4	0.4	0.7	0.8	0.9	1.2	1.5	1.6	3.5
1987	0.5	0.4	0.6	0.5	1.1	0.8	1.7	1.3	1.9	2.8
1986	0.5	*	*	0.6	1.1	1.0	1.1	1.9	2.3	2.6
1985	0.5	*	0.4	0.7	0.6	0.9	1.7	2.0	2.1	2.6
1984	0.6	*	0.5	0.8	0.8	0.9	1.1	2.3	2.4	*
1983	0.6	0.5	0.4	0.5	1.0	1.0	1.2	1.5	*	2.7
1982	0.6	*	0.5	0.7	1.0	1.0	1.2	1.1	*	4.3
1981	0.7	0.6	0.6	0.8	0.9	1.0	1.1	1.6	*	3.4
1980	0.7	*	0.6	0.7	1.2	1.0	1.6	1.6	2.7	*
1979	0.7	0.4	0.5	0.8	1.0	1.2	1.3	1.6	2.4	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningitis (320-322)										
All races, female										
1998	0.2	*	*	*	0.4	0.4	*	0.6	0.9	1.1
1997	0.3	*	*	*	*	0.4	0.4	1.0	0.9	1.4
1996	0.2	*	*	*	*	0.4	0.6	0.8	1.1	1.3
1995	0.3	0.3	*	*	0.5	0.4	0.5	0.5	1.0	1.5
1994	0.3	*	*	*	0.5	0.4	0.8	0.7	1.2	1.1
1993	0.3	*	*	*	*	0.5	0.6	0.9	1.2	1.4
1992	0.3	*	*	*	0.4	0.6	0.6	1.0	1.1	1.7
1991	0.3	*	*	*	0.4	0.8	1.0	1.2	1.7	2.1
1990	0.4	*	*	0.5	0.6	0.7	0.9	1.1	1.5	1.8
1989	0.4	*	0.4	*	0.5	0.7	1.0	1.1	1.5	2.0
1988	0.4	*	*	*	0.5	0.8	1.4	1.6	2.1	2.5
1987	0.4	*	0.4	0.4	0.4	0.7	0.8	0.9	2.0	3.0
1986	0.4	*	0.4	0.5	0.7	0.7	1.3	1.2	1.7	2.5
1985	0.5	*	0.4	0.5	0.5	0.8	1.0	1.8	2.2	2.3
1984	0.4	*	*	0.5	0.6	0.5	0.9	1.0	2.2	2.6
1983	0.5	*	*	0.4	0.6	0.9	1.1	1.6	2.0	2.2
1982	0.5	*	*	0.4	0.5	0.7	0.9	1.7	1.8	3.0
1981	0.5	0.4	*	0.6	0.7	0.7	1.0	1.4	2.1	2.7
1980	0.5	*	*	0.4	0.5	0.8	1.2	0.9	1.7	2.1
1979	0.5	*	0.3	0.4	0.6	0.8	1.2	1.2	1.8	2.0
Meningitis (320-322)										
White, both sexes										
1998	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.8	1.0	1.0
1997	0.2	0.2	0.2	0.3	0.4	0.4	0.5	1.0	0.9	1.3
1996	0.2	0.2	0.2	0.2	0.4	0.4	0.6	0.9	1.1	1.1
1995	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.9	1.4
1994	0.2	0.2	0.2	0.3	0.5	0.4	0.8	0.7	1.2	1.2
1993	0.3	0.2	0.2	0.3	0.3	0.6	0.6	1.0	1.2	1.3
1992	0.3	*	0.2	0.3	0.4	0.5	0.7	1.0	1.1	1.8
1991	0.3	0.2	0.2	0.4	0.4	0.7	0.7	1.0	1.5	1.9
1990	0.3	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.3	1.7
1989	0.3	*	0.3	0.2	0.5	0.7	0.7	0.9	1.6	1.9
1988	0.4	*	*	0.4	0.5	0.7	1.2	1.3	1.6	2.4
1987	0.4	0.2	0.3	0.3	0.6	0.6	1.0	0.9	1.8	2.5
1986	0.4	*	0.3	0.5	0.7	0.7	1.1	1.3	1.8	2.2
1985	0.4	*	0.3	0.6	0.4	0.7	1.2	1.7	2.0	2.3
1984	0.4	*	0.3	0.5	0.5	0.5	0.9	1.3	2.0	2.3
1983	0.5	0.3	0.3	0.4	0.7	0.7	0.9	1.5	1.7	2.3
1982	0.5	*	0.3	0.4	0.6	0.8	0.9	1.2	1.5	3.2
1981	0.5	0.3	0.3	0.5	0.6	0.7	0.8	1.2	1.7	2.8
1980	0.5	*	0.3	0.5	0.7	0.6	1.2	1.0	1.9	1.7
1979	0.5	*	0.3	0.4	0.7	0.8	1.1	1.2	1.8	1.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningitis (320-322)										
White, male										
1998	0.3	0.3	*	*	*	0.5	0.6	1.0	*	*
1997	0.2	0.3	*	0.5	*	*	0.7	1.1	*	*
1996	0.3	0.3	0.4	*	*	0.6	0.7	1.1	*	*
1995	0.3	*	0.4	*	0.5	0.7	0.6	*	*	*
1994	0.3	*	*	*	0.5	*	0.8	*	*	*
1993	0.3	*	*	*	*	0.8	0.6	1.2	*	*
1992	0.3	*	*	0.5	*	0.5	0.8	1.0	*	*
1991	0.3	*	*	*	0.5	0.7	0.7	0.9	*	2.5
1990	0.4	*	*	*	0.7	0.7	0.9	0.9	*	*
1989	0.4	*	*	*	0.5	1.0	0.8	*	1.9	2.8
1988	0.4	*	*	0.6	0.7	0.8	1.1	1.2	*	2.9
1987	0.5	*	0.4	*	0.9	0.7	1.6	1.1	*	2.9
1986	0.4	*	*	0.5	0.8	0.9	1.0	1.6	2.3	*
1985	0.5	*	*	0.6	0.5	0.7	1.5	1.5	2.1	*
1984	0.5	*	*	0.5	0.6	0.6	1.0	2.1	2.0	*
1983	0.5	*	*	0.5	0.8	0.9	1.0	1.3	*	3.0
1982	0.5	*	*	0.5	0.7	0.9	1.1	*	*	3.8
1981	0.6	0.5	0.5	0.7	0.7	0.7	0.9	1.3	*	3.3
1980	0.6	*	0.5	0.5	1.1	0.7	1.4	1.4	2.7	*
1979	0.6	*	*	0.6	0.7	1.0	1.2	1.3	2.2	*
Meningitis (320-322)										
White, female										
1998	0.2	*	*	*	*	*	*	0.6	0.9	1.1
1997	0.2	*	*	*	*	*	*	0.9	0.8	1.3
1996	0.2	*	*	*	*	*	0.5	0.7	1.1	1.1
1995	0.2	*	*	*	0.5	*	*	*	0.8	1.4
1994	0.2	*	*	*	0.4	*	0.8	0.6	1.2	1.0
1993	0.2	*	*	*	*	0.4	0.5	0.9	1.2	1.2
1992	0.3	*	*	*	0.4	0.4	0.6	1.0	1.0	1.8
1991	0.3	*	*	*	*	0.7	0.8	1.1	1.5	1.7
1990	0.3	*	*	0.4	0.5	0.7	0.8	0.9	1.4	1.6
1989	0.3	*	*	*	0.4	0.6	0.7	1.0	1.4	1.6
1988	0.4	*	*	*	0.4	0.7	1.3	1.3	1.8	2.2
1987	0.3	*	*	*	*	0.6	0.6	0.7	2.0	2.3
1986	0.4	*	*	0.4	0.6	0.6	1.2	1.1	1.5	2.1
1985	0.4	*	*	0.5	0.4	0.7	0.9	1.8	2.0	2.2
1984	0.4	*	*	0.4	0.4	*	0.9	0.9	2.0	2.3
1983	0.4	*	*	0.4	0.5	0.6	0.8	1.6	1.9	2.0
1982	0.4	*	*	*	0.4	0.6	0.8	1.4	1.5	2.9
1981	0.4	*	*	0.4	0.6	0.7	0.7	1.2	2.0	2.6
1980	0.4	*	*	0.4	*	0.6	1.1	0.8	1.5	1.8
1979	0.4	*	*	*	0.6	0.6	1.0	1.1	1.7	1.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningitis (320-322)										
All other, both sexes										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.5	0.7	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.6	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	7.2
1990	0.8	*	*	*	*	*	*	*	*	*
1989	0.9	1.1	1.3	*	1.9	2.0	2.7	*	*	*
1988	0.9	1.2	*	*	*	2.3	*	4.1	*	*
1987	0.9	*	1.5	*	1.7	*	*	*	*	*
1986	0.9	*	*	*	2.4	*	2.7	*	*	*
1985	0.9	*	*	*	1.7	*	2.7	*	*	*
1984	1.0	*	*	1.9	1.9	*	*	*	*	*
1983	1.0	*	*	*	*	2.9	3.2	*	*	*
1982	1.1	*	*	*	2.1	*	*	*	*	*
1981	1.3	1.6	*	2.1	1.9	2.3	3.1	*	*	*
1980	1.2	*	*	*	*	3.3	3.1	*	*	*
1979	1.4	*	*	2.0	2.4	3.0	*	*	*	*
Meningitis (320-322)										
All other, male										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	*
1993	0.6	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.9	*	*	*	*	*	*	*	*	*
1989	1.1	*	*	*	*	*	*	*	*	*
1988	1.1	*	*	*	*	*	*	*	*	*
1987	1.0	*	*	*	*	*	*	*	*	*
1986	1.0	*	*	*	*	*	*	*	*	*
1985	1.1	*	*	*	*	*	*	*	*	*
1984	1.1	*	*	*	*	*	*	*	*	*
1983	1.1	*	*	*	*	*	*	*	*	*
1982	1.3	*	*	*	*	*	*	*	*	*
1981	1.5	*	*	*	*	*	*	*	*	*
1980	1.5	*	*	*	*	*	*	*	*	*
1979	1.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningitis (320-322)										
All other, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.8	*	*	*	*	*	*	*	*	*
1988	0.7	*	*	*	*	*	*	*	*	*
1987	0.8	*	*	*	*	*	*	*	*	*
1986	0.8	*	*	*	*	*	*	*	*	*
1985	0.8	*	*	*	*	*	*	*	*	*
1984	0.9	*	*	*	*	*	*	*	*	*
1983	0.9	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	1.1	*	*	*	*	*	*	*	*	*
1980	1.1	*	*	*	*	*	*	*	*	*
1979	1.2	*	*	*	*	*	*	*	*	*
Meningitis (320-322)										
Black, both sexes										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.6	*	*	*	*	*	*	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	*
1993	0.7	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	0.9	*	*	*	*	*	*	*	*	*
1989	1.1	1.4	*	*	*	*	*	*	*	*
1988	1.1	1.5	*	*	*	2.5	*	4.7	*	*
1987	1.1	*	2.0	*	2.1	*	*	*	*	*
1986	1.1	*	*	*	2.5	*	*	*	*	*
1985	1.1	*	*	*	2.1	*	3.2	*	*	*
1984	1.1	*	*	2.1	2.2	*	*	*	*	*
1983	1.2	*	*	*	*	3.4	3.8	*	*	*
1982	1.2	*	*	*	2.5	*	*	*	*	*
1981	1.4	1.8	*	2.1	*	*	3.4	*	*	*
1980	1.4	*	*	*	*	3.5	3.5	*	*	*
1979	1.5	*	*	2.0	2.7	2.8	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Meningitis (320-322)										
Black, male										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.7	*	*	*	*	*	*	*	*	*
1996	0.7	*	*	*	*	*	*	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.8	*	*	*	*	*	*	*	*	*
1993	0.8	*	*	*	*	*	*	*	*	*
1992	0.7	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	1.1	*	*	*	*	*	*	*	*	*
1989	1.3	*	*	*	*	*	*	*	*	*
1988	1.3	*	*	*	*	*	*	*	*	*
1987	1.2	*	*	*	*	*	*	*	*	*
1986	1.2	*	*	*	*	*	*	*	*	*
1985	1.2	*	*	*	*	*	*	*	*	*
1984	1.2	*	*	*	*	*	*	*	*	*
1983	1.3	*	*	*	*	*	*	*	*	*
1982	1.5	*	*	*	*	*	*	*	*	*
1981	1.6	*	*	*	*	*	*	*	*	*
1980	1.6	*	*	*	*	*	*	*	*	*
1979	1.8	*	*	*	*	*	*	*	*	*
Meningitis (320-322)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.6	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	0.9	*	*	*	*	*	*	*	*	*
1988	0.9	*	*	*	*	*	*	*	*	*
1987	1.0	*	*	*	*	*	*	*	*	*
1986	0.9	*	*	*	*	*	*	*	*	*
1985	0.9	*	*	*	*	*	*	*	*	*
1984	1.0	*	*	*	*	*	*	*	*	*
1983	1.1	*	*	*	*	*	*	*	*	*
1982	1.0	*	*	*	*	*	*	*	*	*
1981	1.2	*	*	*	*	*	*	*	*	*
1980	1.2	*	*	*	*	*	*	*	*	*
1979	1.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Parkinson's disease (332)										
All races, both sexes										
1998	4.8	*	0.1	0.4	1.6	5.0	16.5	38.9	75.1	112.9
1997	4.5	*	0.2	0.5	1.7	5.1	14.6	37.6	73.2	106.7
1996	4.4	*	*	0.5	1.6	4.4	15.1	37.4	70.9	104.5
1995	4.1	*	0.2	0.6	1.4	4.4	14.1	34.5	66.6	96.7
1994	3.8	*	0.2	0.5	1.5	4.5	13.8	32.4	63.1	88.2
1993	3.5	*	*	0.3	1.3	3.9	12.8	31.3	58.6	83.2
1992	3.0	*	*	0.4	1.5	4.2	11.5	28.0	50.2	68.3
1991	2.9	*	*	0.4	1.2	4.0	11.9	27.2	49.5	68.0
1990	2.9	*	*	0.3	1.2	4.2	12.1	28.5	50.0	65.7
1989	2.8	*	*	0.4	1.3	4.5	12.1	27.2	49.1	62.5
1988	2.6	*	*	0.4	1.4	4.1	11.4	25.1	46.7	57.9
1987	2.6	*	*	0.3	1.4	4.2	12.1	27.1	44.9	55.2
1986	2.3	*	*	0.4	1.4	4.2	10.7	24.4	41.6	48.0
1985	2.2	*	*	0.4	1.1	3.9	10.5	23.0	40.1	45.5
1984	2.1	*	*	0.6	1.3	4.0	11.0	23.8	37.1	39.4
1983	2.0	*	*	0.7	1.5	4.0	10.5	22.8	34.6	35.0
1982	1.8	*	*	0.4	1.4	3.8	10.0	20.7	31.2	33.0
1981	1.7	*	*	0.4	1.6	4.0	11.0	20.3	30.0	28.6
1980	1.7	*	0.2	0.6	1.4	4.2	10.1	20.8	28.8	28.5
1979	1.6	*	*	0.5	1.6	4.3	10.6	19.1	26.0	25.0
Parkinson's disease (332)										
All races, male										
1998	5.5	*	*	0.6	1.9	7.4	24.4	59.5	119.0	192.9
1997	5.3	*	*	0.6	2.0	7.5	21.7	58.3	118.5	180.2
1996	5.2	*	*	0.6	2.0	6.3	23.9	59.4	115.1	186.3
1995	4.7	*	*	0.8	2.0	6.1	21.1	52.9	108.0	171.0
1994	4.5	*	*	0.6	2.0	6.6	21.0	50.6	105.0	160.5
1993	4.2	*	*	0.4	1.6	5.8	19.7	51.1	97.4	150.3
1992	3.6	*	*	0.5	1.9	6.2	17.7	44.5	84.4	122.3
1991	3.5	*	*	0.7	1.9	5.6	17.5	45.5	82.8	119.9
1990	3.5	*	*	*	1.5	6.0	18.5	45.9	85.5	116.4
1989	3.3	*	*	0.5	1.8	6.6	18.7	43.5	80.1	103.6
1988	3.1	*	*	0.5	1.7	5.7	17.4	40.2	76.7	98.9
1987	3.1	*	*	0.4	1.8	5.8	18.6	44.1	72.6	94.0
1986	2.7	*	*	0.4	1.8	6.3	16.5	37.6	67.3	81.8
1985	2.5	*	*	0.5	1.4	5.4	16.2	34.9	62.1	74.9
1984	2.4	*	*	0.8	1.9	5.8	16.0	35.8	58.5	66.0
1983	2.3	*	*	0.9	2.2	5.6	15.0	35.7	54.9	58.2
1982	2.1	*	*	0.5	1.8	5.2	14.7	32.2	48.9	53.1
1981	2.0	*	*	0.5	2.1	5.9	15.8	30.1	46.8	43.2
1980	1.9	*	*	0.7	1.8	6.0	15.4	29.1	43.5	43.1
1979	1.8	*	*	0.6	2.1	6.0	14.8	28.0	37.7	36.8

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Parkinson's disease (332)										
All races, female										
1998	4.0	*	*	*	1.3	3.0	10.3	24.6	49.7	81.1
1997	3.8	*	*	0.5	1.4	3.1	9.1	23.4	47.4	77.9
1996	3.6	*	*	0.4	1.2	2.8	8.3	22.4	46.0	72.7
1995	3.4	*	*	0.4	1.0	3.0	8.7	22.0	43.6	68.1
1994	3.1	*	*	0.4	1.0	2.8	8.2	20.2	40.2	60.5
1993	2.8	*	*	*	1.1	2.4	7.5	18.1	37.6	57.6
1992	2.5	*	*	*	1.1	2.6	6.7	17.2	31.8	47.7
1991	2.4	*	*	*	0.6	2.8	7.6	15.3	31.7	48.2
1990	2.4	*	*	*	0.9	2.7	7.4	17.3	31.1	46.1
1989	2.4	*	*	0.4	0.8	2.8	7.2	16.8	32.8	46.5
1988	2.2	*	*	*	1.2	2.7	6.9	15.5	30.9	41.9
1987	2.1	*	*	*	1.0	2.9	7.3	16.4	30.3	40.0
1986	1.9	*	*	0.4	1.1	2.5	6.5	16.0	28.1	34.6
1985	1.9	*	*	*	0.8	2.7	6.4	15.4	28.6	33.8
1984	1.8	*	*	0.4	0.9	2.6	7.4	16.3	25.8	28.6
1983	1.6	*	*	0.5	1.0	2.7	7.3	14.7	23.9	25.5
1982	1.5	*	*	*	1.1	2.8	6.5	13.5	21.8	24.7
1981	1.5	*	*	0.3	1.2	2.6	7.5	14.1	21.1	22.3
1980	1.4	*	*	0.4	1.0	2.8	6.3	15.6	21.0	22.1
1979	1.4	*	*	0.4	1.1	2.9	7.6	13.6	19.7	19.8
Parkinson's disease (332)										
White, both sexes										
1998	5.5	*	0.1	0.4	1.7	5.4	17.6	41.1	79.6	118.9
1997	5.3	*	0.2	0.6	1.9	5.5	15.5	39.9	77.7	112.8
1996	5.1	*	*	0.5	1.7	4.7	15.8	39.6	75.4	110.9
1995	4.7	*	0.2	0.6	1.5	4.6	14.8	36.6	70.2	102.8
1994	4.4	*	0.2	0.5	1.6	4.7	14.4	34.2	66.7	93.4
1993	4.0	*	*	0.3	1.4	4.2	13.4	33.3	61.8	87.9
1992	3.5	*	*	0.4	1.6	4.4	12.1	29.6	52.8	72.3
1991	3.4	*	*	0.4	1.3	4.2	12.5	28.5	52.5	72.1
1990	3.3	*	*	0.3	1.3	4.3	12.8	29.9	52.6	69.5
1989	3.2	*	*	0.5	1.3	4.7	12.5	28.6	51.8	65.9
1988	3.0	*	*	0.4	1.5	4.2	11.9	26.5	49.3	61.3
1987	2.9	*	*	0.4	1.4	4.5	12.7	28.6	47.2	58.7
1986	2.6	*	*	0.4	1.5	4.4	11.2	25.9	44.0	50.7
1985	2.5	*	*	0.4	1.1	4.0	11.1	24.4	42.5	48.3
1984	2.4	*	*	0.6	1.3	4.3	11.5	25.3	39.0	41.9
1983	2.2	*	*	0.7	1.6	4.1	11.0	24.1	36.1	37.1
1982	2.0	*	*	0.4	1.5	4.0	10.4	22.0	33.1	34.9
1981	1.9	*	*	0.4	1.7	4.3	11.5	21.6	31.7	30.2
1980	1.9	*	0.2	0.6	1.4	4.5	10.8	21.9	30.1	30.0
1979	1.7	*	*	0.5	1.6	4.5	11.0	20.3	27.5	26.3

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Parkinson's disease (332)										
White, male										
1998	6.4	*	*	0.6	2.1	7.9	25.9	62.7	125.8	202.9
1997	6.1	*	*	0.6	2.3	7.9	22.8	61.5	124.9	190.2
1996	6.1	*	*	0.6	2.0	6.6	24.9	62.7	122.1	199.2
1995	5.5	*	*	0.8	2.1	6.3	22.0	55.9	114.1	182.7
1994	5.2	*	*	0.6	2.2	6.8	21.8	53.1	110.7	170.8
1993	4.8	*	*	*	1.6	6.1	20.6	54.2	102.2	158.7
1992	4.1	*	*	0.5	2.1	6.4	18.7	46.7	88.8	130.3
1991	4.0	*	*	0.7	1.9	5.8	18.3	47.7	88.1	128.5
1990	4.0	*	*	*	1.6	6.1	19.4	48.3	90.2	124.4
1989	3.7	*	*	0.6	1.8	6.9	19.3	45.4	84.9	110.4
1988	3.5	*	*	0.5	1.8	6.0	18.1	42.3	81.0	106.0
1987	3.5	*	*	0.5	1.8	6.1	19.6	46.4	76.0	101.1
1986	3.0	*	*	0.4	1.8	6.5	17.0	39.9	71.5	86.1
1985	2.8	*	*	0.6	1.5	5.5	17.2	36.9	66.2	80.2
1984	2.7	*	*	0.8	1.9	6.1	16.6	38.2	61.7	71.4
1983	2.5	*	*	0.9	2.2	5.6	15.6	37.9	57.5	62.0
1982	2.3	*	*	0.5	1.8	5.4	15.3	34.2	52.3	56.9
1981	2.2	*	*	0.5	2.3	6.3	16.5	31.9	49.8	46.5
1980	2.1	*	*	0.8	1.9	6.3	16.5	30.8	45.6	45.6
1979	1.9	*	*	0.7	2.1	6.3	15.4	30.0	39.9	38.6
Parkinson's disease (332)										
White, female										
1998	4.7	*	*	*	1.3	3.1	11.0	25.9	52.6	85.6
1997	4.5	*	*	0.5	1.5	3.4	9.8	24.9	50.6	82.6
1996	4.2	*	*	0.4	1.3	3.0	8.8	23.6	49.0	77.0
1995	4.0	*	*	0.4	1.0	3.1	9.1	23.4	45.8	72.4
1994	3.6	*	*	0.4	1.2	3.0	8.7	21.4	42.5	64.1
1993	3.3	*	*	*	1.3	2.6	7.9	19.3	39.9	61.3
1992	2.8	*	*	*	1.2	2.8	7.1	18.2	33.4	50.5
1991	2.7	*	*	*	0.6	2.9	8.0	15.9	33.7	50.8
1990	2.7	*	*	*	1.0	2.8	7.8	18.0	32.7	48.7
1989	2.7	*	*	0.4	0.8	3.0	7.5	17.7	34.4	48.9
1988	2.5	*	*	*	1.3	2.8	7.3	16.3	32.8	44.2
1987	2.5	*	*	*	1.0	3.1	7.7	17.3	32.2	42.3
1986	2.2	*	*	*	1.3	2.7	7.0	17.0	29.7	36.9
1985	2.1	*	*	*	0.8	2.8	6.8	16.5	30.2	35.8
1984	2.0	*	*	*	0.9	2.8	7.7	17.2	27.2	30.2
1983	1.8	*	*	0.5	1.0	2.8	7.6	15.4	24.9	27.0
1982	1.7	*	*	*	1.2	2.9	6.9	14.4	23.0	25.9
1981	1.7	*	*	*	1.3	2.7	8.0	15.2	22.2	23.4
1980	1.6	*	*	0.4	1.0	3.0	6.8	16.4	22.0	23.3
1979	1.5	*	*	0.4	1.2	3.0	7.8	14.4	20.9	20.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Parkinson's disease (332)										
All other, both sexes										
1998	1.2	*	*	*	*	2.5	7.5	19.4	29.9	54.7
1997	1.1	*	*	*	*	2.4	7.0	17.2	28.5	47.1
1996	1.1	*	*	*	*	2.3	8.7	17.1	25.3	40.3
1995	1.0	*	*	*	*	3.0	8.3	14.5	29.8	35.1
1994	1.0	*	*	*	*	3.0	7.9	15.7	27.5	34.9
1993	0.9	*	*	*	*	1.8	6.7	11.9	25.9	35.0
1992	0.8	*	*	*	*	2.7	5.4	13.3	23.8	26.7
1991	0.8	*	*	*	*	2.9	6.6	14.6	18.0	25.9
1990	0.8	*	*	*	*	3.5	6.3	15.2	23.0	25.3
1989	0.8	*	*	*	*	2.5	7.8	14.7	21.6	26.6
1988	0.7	*	*	*	*	2.7	6.7	12.4	18.8	21.4
1987	0.7	*	*	*	*	2.2	5.7	13.1	19.8	17.9
1986	0.6	*	*	*	*	2.5	6.3	10.1	16.2	19.5
1985	0.6	*	*	*	*	3.0	4.9	9.4	14.1	15.2
1984	0.6	*	*	*	*	*	7.1	10.1	15.8	11.5
1983	0.6	*	*	*	*	3.2	6.5	10.4	17.9	12.5
1982	0.5	*	*	*	*	2.3	5.8	8.2	9.5	12.0
1981	0.4	*	*	*	*	*	5.8	7.4	10.0	*
1980	0.5	*	*	*	*	*	3.4	9.5	13.1	*
1979	0.5	*	*	*	*	2.7	6.7	7.5	*	*
Parkinson's disease (332)										
All other, male										
1998	1.4	*	*	*	*	*	11.1	28.9	46.5	98.6
1997	1.4	*	*	*	*	4.2	11.4	27.2	51.4	87.4
1996	1.3	*	*	*	*	*	14.8	26.4	41.6	66.9
1995	1.2	*	*	*	*	4.3	12.6	22.8	45.4	62.2
1994	1.3	*	*	*	*	5.2	13.6	25.8	47.7	64.9
1993	1.2	*	*	*	*	*	11.1	20.1	48.2	72.6
1992	1.0	*	*	*	*	4.4	8.1	22.5	40.0	48.4
1991	1.0	*	*	*	*	*	10.2	23.8	30.0	39.9
1990	1.1	*	*	*	*	5.9	10.3	23.2	38.8	41.8
1989	1.1	*	*	*	*	4.6	13.3	25.2	32.2	40.7
1988	0.9	*	*	*	*	*	10.6	19.6	34.2	32.9
1987	0.9	*	*	*	*	*	9.1	21.9	38.4	27.3
1986	0.9	*	*	*	*	5.0	11.8	15.7	25.0	41.3
1985	0.7	*	*	*	*	*	7.0	16.5	20.2	*
1984	0.7	*	*	*	*	*	10.5	13.9	25.7	*
1983	0.8	*	*	*	*	5.5	8.9	15.2	27.8	*
1982	0.6	*	*	*	*	*	9.7	13.6	*	*
1981	0.5	*	*	*	*	*	9.9	13.4	*	*
1980	0.6	*	*	*	*	*	*	13.4	*	*
1979	0.6	*	*	*	*	*	8.7	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Parkinson's disease (332)										
All other, female										
1998	1.1	*	*	*	*	*	5.0	13.3	21.1	36.4
1997	0.8	*	*	*	*	*	4.1	10.9	16.4	30.1
1996	0.8	*	*	*	*	*	4.5	11.3	16.6	29.1
1995	0.8	*	*	*	*	*	5.3	9.2	21.5	23.5
1994	0.7	*	*	*	*	*	3.9	9.5	16.7	22.0
1993	0.6	*	*	*	*	*	*	6.8	13.7	18.7
1992	0.6	*	*	*	*	*	*	7.7	14.9	17.2
1991	0.6	*	*	*	*	*	4.1	9.0	11.3	19.8
1990	0.6	*	*	*	*	*	*	10.3	14.1	17.9
1989	0.6	*	*	*	*	*	*	8.2	15.6	19.9
1988	0.6	*	*	*	*	*	*	7.8	9.8	16.0
1987	0.5	*	*	*	*	*	*	7.4	*	13.5
1986	0.4	*	*	*	*	*	*	6.5	11.1	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	4.7	7.6	*	*
1983	0.5	*	*	*	*	*	4.8	7.1	12.1	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Parkinson's disease (332)										
Black, both sexes										
1998	1.3	*	*	*	*	2.3	8.3	19.6	28.9	46.8
1997	1.1	*	*	*	*	2.5	7.2	14.0	25.8	41.4
1996	1.1	*	*	*	*	*	9.0	15.9	24.8	35.8
1995	1.0	*	*	*	*	3.3	7.8	13.0	27.5	30.5
1994	1.0	*	*	*	*	2.8	7.9	13.2	26.6	35.1
1993	0.9	*	*	*	*	*	7.0	11.3	24.8	27.4
1992	0.8	*	*	*	*	2.6	4.4	12.7	23.1	22.5
1991	0.8	*	*	*	*	2.5	6.8	12.5	18.5	23.2
1990	0.8	*	*	*	*	3.3	5.8	13.6	19.8	20.7
1989	0.9	*	*	*	*	2.7	7.9	14.2	20.2	23.2
1988	0.7	*	*	*	*	*	6.4	12.1	17.3	19.2
1987	0.7	*	*	*	*	*	5.4	11.9	18.3	14.9
1986	0.6	*	*	*	*	2.5	6.9	9.9	13.7	17.4
1985	0.6	*	*	*	*	3.1	4.9	8.8	11.8	13.8
1984	0.6	*	*	*	*	*	6.7	9.5	13.1	*
1983	0.6	*	*	*	*	3.3	5.5	10.2	17.6	*
1982	0.5	*	*	*	*	*	5.7	7.7	9.6	11.9
1981	0.5	*	*	*	*	*	6.0	7.7	10.5	*
1980	0.5	*	*	*	*	*	3.9	8.8	12.0	*
1979	0.5	*	*	*	*	2.7	6.5	6.8	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Parkinson's disease (332)										
Black, male										
1998	1.5	*	*	*	*	*	13.2	30.1	47.8	87.3
1997	1.3	*	*	*	*	*	12.0	22.0	48.3	73.8
1996	1.3	*	*	*	*	*	16.2	24.7	44.5	55.2
1995	1.3	*	*	*	*	*	10.9	21.4	47.6	57.8
1994	1.3	*	*	*	*	5.3	12.8	22.1	47.8	67.8
1993	1.2	*	*	*	*	*	11.3	20.4	49.6	54.5
1992	1.0	*	*	*	*	*	*	22.6	38.3	39.2
1991	1.0	*	*	*	*	*	12.2	18.4	29.9	33.3
1990	1.0	*	*	*	*	5.8	9.9	20.7	34.6	34.7
1989	1.1	*	*	*	*	*	12.7	25.3	29.9	37.9
1988	0.9	*	*	*	*	*	10.0	20.9	31.9	*
1987	0.9	*	*	*	*	*	9.6	20.6	34.8	*
1986	0.9	*	*	*	*	*	13.7	14.0	*	34.9
1985	0.7	*	*	*	*	*	*	15.9	*	*
1984	0.7	*	*	*	*	*	10.2	13.8	*	*
1983	0.8	*	*	*	*	*	*	15.8	24.4	*
1982	0.6	*	*	*	*	*	9.1	13.0	*	*
1981	0.6	*	*	*	*	*	10.5	14.6	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Parkinson's disease (332)										
Black, female										
1998	1.1	*	*	*	*	*	5.0	13.3	19.8	31.6
1997	0.8	*	*	*	*	*	*	9.1	15.0	29.0
1996	0.9	*	*	*	*	*	*	10.6	15.3	28.3
1995	0.8	*	*	*	*	*	5.7	8.1	17.7	19.9
1994	0.8	*	*	*	*	*	4.8	7.9	16.2	22.4
1993	0.6	*	*	*	*	*	*	*	12.4	16.7
1992	0.6	*	*	*	*	*	*	7.0	15.4	15.8
1991	0.7	*	*	*	*	*	*	9.1	12.7	19.1
1990	0.6	*	*	*	*	*	*	9.5	12.1	14.7
1989	0.7	*	*	*	*	*	*	7.6	15.1	17.0
1988	0.6	*	*	*	*	*	*	6.8	*	14.8
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	7.5	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	13.8	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alzheimer's disease (331.0)										
All races, both sexes										
1998	8.2	*	0.1	0.5	1.9	5.7	15.2	44.3	107.8	301.1
1997	8.2	*	0.2	0.7	1.8	5.6	16.4	46.2	112.3	296.6
1996	7.9	*	*	0.6	2.1	6.0	16.4	46.8	110.1	282.2
1995	7.7	*	0.2	0.7	2.5	5.8	16.9	46.7	111.8	270.7
1994	7.1	*	0.2	0.7	2.4	6.2	16.4	44.0	100.0	249.1
1993	6.4	*	0.2	0.7	2.2	5.1	14.9	41.8	96.6	225.4
1992	5.6	*	*	0.4	2.1	5.5	14.5	37.0	84.5	195.5
1991	5.6	*	*	0.7	2.2	5.6	15.2	37.9	87.6	189.0
1990	5.5	*	0.2	0.7	2.2	5.7	15.9	39.5	88.4	187.8
1989	5.3	*	*	0.9	2.5	5.9	16.5	42.1	84.7	170.4
1988	5.0	*	0.2	1.0	2.7	6.6	17.1	40.7	83.5	151.2
1987	4.7	*	*	0.9	2.8	6.6	16.7	40.9	76.7	135.4
1986	3.9	*	*	1.0	2.8	6.4	16.4	35.5	65.4	103.7
1985	3.5	*	0.2	1.0	2.6	6.7	15.2	33.8	56.0	86.1
1984	2.7	*	0.2	0.9	2.4	6.2	13.0	26.7	40.2	59.8
1983	1.9	*	0.2	0.9	2.4	5.8	10.4	18.8	25.7	37.8
1982	1.1	*	0.2	0.8	2.3	3.9	6.7	11.1	14.0	17.9
1981	0.8	*	0.2	0.8	1.5	3.0	4.8	6.5	8.4	12.2
1980	0.6	*	*	0.6	1.7	2.4	4.2	4.5	5.2	7.6
1979	0.4	*	*	0.5	1.2	2.1	2.2	3.0	3.1	4.3
Alzheimer's disease (331.0)										
All races, male										
1998	5.2	*	*	0.5	1.8	5.8	14.8	44.8	105.1	253.8
1997	5.3	*	*	0.7	1.8	5.6	16.5	46.2	111.0	251.1
1996	5.3	*	*	0.5	1.9	6.2	16.7	47.8	114.8	251.1
1995	5.4	*	*	0.7	2.2	6.5	17.6	50.8	119.1	251.0
1994	5.0	*	*	0.8	2.4	6.6	17.5	47.9	106.3	235.2
1993	4.6	*	*	0.7	2.1	5.5	17.1	46.1	106.5	209.2
1992	4.1	*	*	0.5	2.2	5.9	15.5	41.9	94.9	183.7
1991	4.1	*	*	0.7	2.2	6.0	16.9	42.2	97.4	184.1
1990	4.1	*	*	0.7	2.2	6.2	18.7	42.8	99.4	182.6
1989	4.1	*	*	0.8	2.7	6.7	18.5	50.4	97.9	165.9
1988	4.0	*	*	1.0	2.8	7.0	19.1	48.0	97.1	152.5
1987	3.9	*	*	0.9	3.0	7.2	20.6	48.0	94.1	138.6
1986	3.3	*	*	0.9	3.0	6.7	20.5	42.5	78.2	108.5
1985	3.0	*	*	0.8	2.7	7.8	19.4	41.5	67.9	93.7
1984	2.4	*	*	0.8	2.5	7.2	16.4	33.8	51.8	69.5
1983	1.8	*	*	0.9	2.3	6.8	12.4	24.5	34.5	42.8
1982	1.1	*	*	0.7	2.5	4.3	8.1	14.9	17.2	18.8
1981	0.7	*	*	0.8	1.7	3.8	5.8	8.7	10.2	12.7
1980	0.6	*	*	0.6	1.8	3.1	6.0	5.8	6.2	9.4
1979	0.4	*	*	0.5	1.3	2.5	2.8	3.7	3.9	7.1

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alzheimer's disease (331.0)										
All races, female										
1998	11.1	*	*	0.6	1.9	5.7	15.5	44.0	109.4	319.9
1997	11.1	*	*	0.6	1.9	5.6	16.3	46.3	113.0	314.5
1996	10.5	*	*	0.7	2.3	5.9	16.1	46.1	107.5	294.3
1995	10.0	*	*	0.7	2.7	5.2	16.4	44.0	107.7	278.3
1994	9.1	*	*	0.6	2.5	5.9	15.6	41.3	96.5	254.3
1993	8.2	*	*	0.6	2.3	4.8	13.3	39.0	91.3	231.7
1992	7.1	*	*	0.4	2.1	5.2	13.7	33.8	78.9	200.0
1991	7.0	*	*	0.7	2.2	5.3	13.9	35.0	82.4	190.8
1990	6.9	*	*	0.7	2.2	5.4	13.8	37.4	82.6	189.8
1989	6.4	*	*	0.9	2.3	5.3	15.1	36.8	77.8	172.2
1988	6.0	*	*	1.1	2.6	6.3	15.6	36.0	76.2	150.7
1987	5.4	*	*	0.9	2.7	6.2	13.9	36.5	67.6	134.1
1986	4.5	*	*	1.0	2.6	6.2	13.5	31.0	58.7	101.8
1985	3.9	*	*	1.2	2.5	5.8	12.3	28.9	49.7	83.1
1984	2.8	*	*	0.9	2.4	5.4	10.6	22.3	34.0	55.8
1983	2.0	*	*	0.9	2.6	5.0	8.9	15.2	21.1	35.7
1982	1.2	*	*	0.8	2.0	3.5	5.6	8.7	12.4	17.6
1981	0.8	*	*	0.7	1.4	2.4	4.1	5.1	7.5	12.0
1980	0.6	*	*	0.6	1.7	1.8	2.9	3.7	4.7	6.8
1979	0.4	*	*	0.5	1.1	1.8	1.8	2.5	2.7	3.0
Alzheimer's disease (331.0)										
White, both sexes										
1998	9.4	*	0.2	0.6	2.0	6.1	15.7	45.9	111.5	314.1
1997	9.4	*	0.2	0.7	2.0	5.9	16.8	47.9	117.0	309.8
1996	9.1	*	*	0.7	2.2	6.3	16.7	48.9	114.5	294.8
1995	8.8	*	0.2	0.8	2.6	6.1	17.5	48.6	115.2	282.5
1994	8.0	*	0.2	0.7	2.5	6.6	17.0	45.1	103.8	261.2
1993	7.3	*	*	0.7	2.2	5.3	15.6	43.1	100.6	235.6
1992	6.4	*	*	0.5	2.3	5.8	14.8	38.3	87.5	204.3
1991	6.3	*	*	0.7	2.3	5.8	15.9	39.3	91.2	198.6
1990	6.2	*	0.3	0.7	2.3	6.0	16.6	41.1	91.7	196.4
1989	6.0	*	*	0.9	2.5	6.2	17.3	43.8	88.2	179.2
1988	5.7	*	0.2	1.0	2.9	7.0	17.7	42.7	88.1	159.1
1987	5.3	*	*	0.9	3.0	6.8	17.7	42.7	81.0	142.5
1986	4.4	*	*	1.0	2.9	6.8	17.2	37.6	68.7	109.8
1985	3.9	*	0.2	1.0	2.7	7.0	15.9	36.2	59.0	90.8
1984	3.0	*	0.2	1.0	2.6	6.6	13.9	28.5	42.3	63.5
1983	2.1	*	0.2	0.9	2.6	6.2	11.0	19.9	27.0	39.5
1982	1.3	*	0.2	0.9	2.5	4.1	7.2	11.7	14.6	19.0
1981	0.9	*	0.2	0.8	1.7	3.3	5.2	7.0	8.8	12.8
1980	0.6	*	*	0.6	1.8	2.6	4.5	4.8	5.5	7.9
1979	0.4	*	*	0.5	1.2	2.2	2.3	3.2	3.3	4.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alzheimer's disease (331.0)										
White, male										
1998	6.0	*	*	0.5	2.0	6.1	15.3	46.2	109.4	265.3
1997	6.0	*	*	0.7	1.9	5.8	16.9	47.4	114.7	260.0
1996	6.0	*	*	0.6	2.0	6.4	17.2	50.0	119.3	261.4
1995	6.1	*	*	0.7	2.4	6.9	17.9	52.8	122.3	263.3
1994	5.6	*	*	0.8	2.4	7.0	18.1	49.2	109.8	248.1
1993	5.2	*	*	0.7	2.1	5.7	17.7	47.6	110.5	218.1
1992	4.6	*	*	0.5	2.3	6.2	15.8	43.0	98.6	192.5
1991	4.6	*	*	0.8	2.3	6.3	17.5	43.6	101.1	194.1
1990	4.6	*	*	0.7	2.3	6.3	19.3	44.0	101.7	192.5
1989	4.6	*	*	0.9	2.7	7.0	19.1	51.9	102.4	176.4
1988	4.5	*	*	1.1	3.0	7.3	19.9	50.4	102.6	162.2
1987	4.3	*	*	0.9	3.1	7.4	21.7	50.6	99.5	146.7
1986	3.7	*	*	0.9	3.0	7.0	21.6	45.3	82.5	117.3
1985	3.4	*	*	0.9	2.7	8.0	20.3	44.7	72.2	100.9
1984	2.8	*	*	0.9	2.6	7.8	17.4	36.4	55.1	74.7
1983	2.0	*	*	0.9	2.4	7.1	13.2	25.9	36.3	45.4
1982	1.2	*	*	0.8	2.8	4.5	8.7	16.0	18.2	20.2
1981	0.8	*	*	0.8	1.8	4.1	6.2	9.4	10.7	13.5
1980	0.7	*	*	0.6	1.8	3.3	6.4	6.1	6.5	9.5
1979	0.4	*	*	0.5	1.3	2.6	3.0	4.1	4.1	7.1
Alzheimer's disease (331.0)										
White, female										
1998	12.8	*	*	0.6	1.9	6.0	16.0	45.7	112.7	333.4
1997	12.8	*	*	0.7	2.0	5.9	16.8	48.3	118.3	329.2
1996	12.1	*	*	0.8	2.5	6.3	16.4	48.2	111.8	307.6
1995	11.4	*	*	0.8	2.8	5.5	17.2	45.8	111.2	289.8
1994	10.4	*	*	0.6	2.6	6.3	16.2	42.4	100.4	266.2
1993	9.4	*	*	0.7	2.4	5.0	14.0	40.1	95.3	242.2
1992	8.1	*	*	0.4	2.2	5.5	14.1	35.1	81.6	208.8
1991	8.0	*	*	0.7	2.2	5.4	14.7	36.5	86.0	200.3
1990	7.8	*	*	0.8	2.3	5.7	14.6	39.2	86.4	197.9
1989	7.3	*	*	0.9	2.3	5.6	15.9	38.5	80.8	180.4
1988	6.8	*	*	1.0	2.7	6.8	16.1	37.8	80.6	157.9
1987	6.2	*	*	1.0	2.9	6.3	14.8	37.7	71.4	140.9
1986	5.1	*	*	1.1	2.7	6.6	14.0	32.8	61.6	106.9
1985	4.4	*	*	1.2	2.7	6.2	12.6	30.8	52.1	86.8
1984	3.2	*	*	1.0	2.5	5.7	11.3	23.6	35.6	59.1
1983	2.3	*	*	0.9	2.7	5.4	9.5	16.2	22.2	37.1
1982	1.3	*	*	0.9	2.2	3.7	6.1	9.1	12.8	18.5
1981	0.9	*	*	0.7	1.6	2.6	4.4	5.4	7.8	12.5
1980	0.6	*	*	0.6	1.8	2.0	3.1	4.0	5.0	7.2
1979	0.4	*	*	0.5	1.2	1.9	1.9	2.7	2.9	3.3

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alzheimer's disease (331.0)										
All other, both sexes										
1998	2.8	*	*	*	*	3.2	11.6	30.5	70.9	173.9
1997	2.7	*	*	*	*	3.5	12.5	31.0	65.7	166.2
1996	2.6	*	*	*	*	3.8	13.2	27.2	65.7	157.2
1995	2.6	*	*	*	1.7	3.4	12.0	29.2	77.8	152.9
1994	2.3	*	*	*	2.0	3.2	11.3	32.7	62.1	125.3
1993	2.1	*	*	*	1.9	4.0	8.6	29.9	56.2	121.2
1992	1.9	*	*	*	*	3.1	11.4	25.0	52.5	104.0
1991	1.7	*	*	*	1.9	4.1	8.4	23.9	50.3	87.9
1990	1.8	*	*	*	*	3.7	9.6	24.5	54.6	96.8
1989	1.7	*	*	*	2.4	3.8	10.0	26.5	48.2	77.0
1988	1.4	*	*	*	*	3.5	11.4	21.4	34.1	67.3
1987	1.4	*	*	*	1.8	5.0	7.5	24.3	31.2	57.9
1986	1.1	*	*	*	2.2	3.2	9.4	14.6	29.6	37.2
1985	1.0	*	*	*	2.0	3.8	9.4	10.8	23.2	35.4
1984	0.6	*	*	*	*	2.7	5.1	9.7	16.5	18.9
1983	0.5	*	*	*	*	2.3	4.2	7.7	11.1	18.8
1982	0.3	*	*	*	*	*	*	4.8	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Alzheimer's disease (331.0)										
All other, male										
1998	1.7	*	*	*	*	*	11.1	32.1	59.1	146.5
1997	2.0	*	*	*	*	*	12.9	34.9	72.4	167.3
1996	1.8	*	*	*	*	4.4	12.6	25.6	67.3	155.2
1995	1.9	*	*	*	*	*	14.8	31.2	86.5	136.4
1994	1.8	*	*	*	*	*	12.0	35.0	70.8	115.2
1993	1.7	*	*	*	*	4.3	11.1	31.7	66.0	125.6
1992	1.5	*	*	*	*	*	12.7	30.2	56.9	102.3
1991	1.4	*	*	*	*	*	11.1	27.7	60.0	90.4
1990	1.7	*	*	*	*	4.8	13.5	31.7	76.8	89.7
1989	1.5	*	*	*	*	4.9	12.7	36.0	52.9	69.1
1988	1.2	*	*	*	*	4.5	11.3	25.1	42.7	62.0
1987	1.2	*	*	*	*	4.9	10.1	23.7	40.2	62.3
1986	0.9	*	*	*	*	*	9.9	16.2	35.2	*
1985	0.8	*	*	*	*	5.6	10.3	11.2	24.0	*
1984	0.5	*	*	*	*	*	6.8	9.9	*	*
1983	0.5	*	*	*	*	*	*	12.2	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alzheimer's disease (331.0)										
All other, female										
1998	3.7	*	*	*	*	3.2	12.0	29.5	77.1	185.3
1997	3.3	*	*	*	*	3.4	12.2	28.6	62.2	165.7
1996	3.2	*	*	*	*	3.3	13.5	28.1	64.9	158.1
1995	3.3	*	*	*	*	3.4	10.1	28.0	73.1	159.9
1994	2.8	*	*	*	*	3.0	10.9	31.4	57.4	129.7
1993	2.5	*	*	*	*	3.8	6.9	28.9	50.9	119.3
1992	2.2	*	*	*	*	3.1	10.5	21.7	50.1	104.7
1991	2.0	*	*	*	*	4.4	6.5	21.5	44.9	86.8
1990	1.9	*	*	*	*	*	7.0	20.0	42.0	100.0
1989	1.9	*	*	*	*	*	8.2	20.6	45.8	80.1
1988	1.7	*	*	*	*	*	11.4	19.0	28.9	69.8
1987	1.5	*	*	*	*	5.0	5.8	24.7	26.0	55.8
1986	1.2	*	*	*	*	*	9.0	13.6	26.5	42.9
1985	1.1	*	*	*	*	*	8.7	10.5	22.8	40.0
1984	0.7	*	*	*	*	*	*	9.5	15.7	17.9
1983	0.5	*	*	*	*	*	*	*	*	19.4
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Alzheimer's disease (331.0)										
Black, both sexes										
1998	3.4	*	*	*	*	3.4	13.7	37.7	83.6	185.4
1997	3.3	*	*	*	*	4.3	14.8	37.0	75.7	178.1
1996	3.1	*	*	*	*	4.9	15.7	31.3	74.5	170.2
1995	3.2	*	*	*	*	4.0	14.7	33.1	87.4	166.5
1994	2.8	*	*	*	2.5	3.7	12.6	37.5	69.4	132.7
1993	2.5	*	*	*	2.4	4.3	10.2	33.2	64.0	124.1
1992	2.3	*	*	*	*	3.7	13.3	28.7	56.8	110.7
1991	2.1	*	*	*	2.2	4.7	10.1	27.1	55.7	94.5
1990	2.2	*	*	*	*	4.1	11.3	26.7	60.4	102.9
1989	2.1	*	*	*	2.8	4.2	11.7	30.7	52.8	81.4
1988	1.7	*	*	*	*	3.7	12.9	23.7	36.8	68.2
1987	1.6	*	*	*	*	5.6	8.8	27.4	33.5	58.7
1986	1.2	*	*	*	2.2	3.5	10.6	16.1	30.2	36.8
1985	1.1	*	*	*	2.3	4.0	10.2	11.3	24.1	37.4
1984	0.7	*	*	*	*	2.9	5.2	10.4	16.9	19.5
1983	0.6	*	*	*	*	*	4.6	7.3	11.5	17.4
1982	0.3	*	*	*	*	*	*	5.3	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alzheimer's disease (331.0)										
Black, male										
1998	2.1	*	*	*	*	*	12.9	41.1	71.2	153.1
1997	2.4	*	*	*	*	*	15.2	43.6	89.3	179.6
1996	2.1	*	*	*	*	5.7	15.5	28.2	83.3	160.7
1995	2.3	*	*	*	*	*	17.8	37.0	100.8	154.1
1994	2.1	*	*	*	*	*	13.5	40.4	80.7	125.0
1993	2.0	*	*	*	*	*	13.8	35.3	79.1	125.3
1992	1.8	*	*	*	*	*	14.9	36.4	60.9	107.9
1991	1.8	*	*	*	*	*	14.1	34.0	68.8	100.0
1990	1.9	*	*	*	*	*	15.4	34.7	88.5	95.1
1989	1.8	*	*	*	*	*	15.1	43.3	61.9	75.8
1988	1.4	*	*	*	*	*	12.4	29.4	45.7	64.6
1987	1.4	*	*	*	*	*	12.0	26.9	45.7	60.9
1986	0.9	*	*	*	*	*	10.9	18.0	33.3	*
1985	0.9	*	*	*	*	*	10.6	12.4	24.1	*
1984	0.6	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Alzheimer's disease (331.0)										
Black, female										
1998	4.6	*	*	*	*	*	14.2	35.6	89.6	197.6
1997	4.0	*	*	*	*	3.8	14.4	33.0	69.2	177.6
1996	4.1	*	*	*	*	4.4	15.8	33.2	70.2	173.8
1995	4.0	*	*	*	*	4.1	12.6	30.8	80.9	171.3
1994	3.4	*	*	*	*	*	12.0	35.8	63.8	135.8
1993	3.0	*	*	*	*	4.3	7.7	32.0	56.4	123.6
1992	2.8	*	*	*	*	*	12.3	24.2	54.8	111.8
1991	2.4	*	*	*	*	4.8	7.5	23.1	49.1	92.3
1990	2.4	*	*	*	*	*	8.6	22.0	45.8	106.2
1989	2.3	*	*	*	*	*	9.4	23.3	48.1	84.3
1988	2.0	*	*	*	*	*	13.2	20.3	32.0	69.8
1987	1.7	*	*	*	*	5.7	6.6	27.7	26.9	57.6
1986	1.4	*	*	*	*	*	10.4	14.9	28.5	44.2
1985	1.3	*	*	*	*	*	9.9	10.6	24.1	42.1
1984	0.8	*	*	*	*	*	*	9.8	17.1	17.8
1983	0.6	*	*	*	*	*	*	*	*	18.5
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases (390-434,436-448)										
All races, both sexes										
1998	340.8	91.7	155.5	261.1	440.6	700.3	1,149.2	1,904.9	3,388.5	8,050.4
1997	346.1	94.6	162.0	274.7	460.1	718.1	1,185.9	1,956.8	3,430.9	8,222.9
1996	352.6	97.7	172.0	280.6	482.4	736.8	1,217.9	2,017.3	3,544.9	8,376.3
1995	357.2	98.6	175.2	290.3	488.9	765.8	1,246.9	2,061.9	3,622.6	8,518.2
1994	357.4	99.8	177.5	295.7	496.1	779.1	1,272.6	2,082.7	3,685.2	8,533.8
1993	364.6	100.8	180.0	308.6	511.2	813.2	1,308.8	2,172.9	3,789.2	8,731.0
1992	356.2	101.9	180.6	311.4	510.3	808.7	1,318.9	2,148.5	3,747.0	8,455.3
1991	362.1	106.9	182.7	320.0	522.5	837.1	1,360.0	2,222.7	3,842.9	8,658.0
1990	368.2	107.6	189.6	327.9	540.4	857.9	1,408.0	2,316.6	3,970.6	8,937.7
1989	377.4	109.0	198.0	342.1	561.5	893.9	1,447.4	2,399.5	4,112.2	9,125.2
1988	396.3	114.3	207.6	361.8	595.7	953.0	1,559.2	2,540.0	4,370.3	9,630.2
1987	397.6	119.2	221.6	364.0	612.0	968.3	1,601.9	2,574.7	4,408.7	9,581.7
1986	403.1	121.8	226.1	375.9	633.1	997.3	1,651.4	2,659.8	4,524.6	9,706.8
1985	410.8	128.3	236.3	395.7	645.3	1,032.1	1,700.5	2,746.2	4,686.1	9,938.5
1984	412.6	132.5	240.6	401.5	667.2	1,052.7	1,732.9	2,799.3	4,787.7	9,949.0
1983	419.5	137.1	249.9	415.2	684.2	1,086.0	1,786.5	2,891.2	4,935.4	10,190.5
1982	417.7	144.1	251.0	421.2	690.8	1,112.7	1,809.6	2,930.5	4,975.8	10,115.7
1981	423.9	151.7	261.3	436.4	711.1	1,140.3	1,855.2	2,966.6	5,153.2	10,449.8
1980	436.2	152.1	268.5	448.8	734.6	1,186.4	1,934.9	3,164.0	5,413.9	10,946.7
1979	426.6	156.7	275.1	449.3	753.7	1,164.0	1,948.5	3,113.9	5,332.9	10,442.1
Major cardiovascular diseases (390-434,436-448)										
All races, male										
1998	326.5	132.5	223.3	366.7	608.2	942.7	1,508.8	2,435.5	4,158.3	8,486.0
1997	333.8	137.4	233.5	388.3	637.7	976.2	1,572.1	2,505.0	4,236.6	8,799.5
1996	340.4	140.8	246.8	397.2	672.5	1,006.8	1,618.2	2,602.1	4,362.2	8,986.9
1995	345.9	144.5	254.4	411.7	681.1	1,047.1	1,668.6	2,662.9	4,495.8	9,090.8
1994	347.7	145.5	258.4	421.1	695.9	1,079.7	1,703.9	2,699.0	4,584.0	9,171.6
1993	356.2	147.0	261.1	440.1	718.7	1,135.0	1,748.4	2,833.4	4,742.1	9,407.3
1992	350.7	150.1	261.0	444.4	719.8	1,127.6	1,772.1	2,806.8	4,684.7	9,178.6
1991	357.8	157.0	265.3	459.8	740.5	1,171.5	1,842.2	2,916.0	4,805.4	9,334.3
1990	365.1	157.2	276.1	473.5	766.5	1,197.1	1,914.5	3,046.8	4,983.4	9,593.5
1989	374.9	161.9	288.4	495.6	801.5	1,252.8	1,966.7	3,142.6	5,117.6	9,723.3
1988	395.3	167.4	301.6	522.6	848.9	1,326.6	2,137.6	3,338.5	5,441.2	10,317.0
1987	398.4	174.7	325.5	529.1	873.0	1,344.9	2,191.8	3,388.3	5,482.0	10,207.0
1986	406.8	177.9	332.7	553.2	907.3	1,394.2	2,263.5	3,500.0	5,638.2	10,348.0
1985	419.0	191.3	351.6	583.6	931.8	1,451.7	2,347.8	3,623.5	5,858.4	10,730.9
1984	422.8	198.1	357.8	592.2	962.8	1,484.8	2,371.9	3,683.0	5,941.4	10,839.8
1983	433.1	203.9	372.2	616.7	984.1	1,541.5	2,467.1	3,828.3	6,087.3	11,114.1
1982	434.4	215.1	377.2	628.9	998.4	1,587.9	2,490.0	3,866.5	6,089.3	11,070.0
1981	443.1	226.1	392.3	653.4	1,026.4	1,620.5	2,557.4	3,928.9	6,336.6	11,373.3
1980	457.6	226.1	407.2	672.8	1,068.7	1,686.1	2,661.1	4,136.1	6,614.5	11,923.3
1979	452.8	236.3	417.9	676.8	1,104.6	1,670.1	2,687.8	4,065.6	6,505.8	11,377.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases (390-434,436-448)										
All races, female										
1998	354.6	52.3	90.6	162.7	289.3	494.1	870.3	1,537.6	2,943.7	7,877.3
1997	357.9	53.2	93.7	169.1	300.3	499.7	888.7	1,579.6	2,971.3	7,996.8
1996	364.2	56.1	100.7	172.4	312.2	509.7	910.9	1,617.8	3,084.7	8,139.6
1995	367.9	54.2	99.8	177.8	317.4	531.0	923.9	1,655.6	3,138.3	8,297.7
1994	366.6	55.8	100.6	179.7	318.3	530.7	943.1	1,669.8	3,193.5	8,289.4
1993	372.7	56.3	102.9	187.2	327.2	549.1	974.2	1,734.5	3,273.0	8,472.8
1992	361.4	55.4	104.5	188.9	325.4	548.9	976.0	1,715.3	3,243.1	8,179.3
1991	366.2	58.7	104.7	191.6	331.0	565.5	997.5	1,770.4	3,330.2	8,399.1
1990	371.1	59.8	108.0	194.7	343.5	582.8	1,032.1	1,846.8	3,432.8	8,684.6
1989	379.8	58.2	112.8	201.7	353.5	602.3	1,063.6	1,922.9	3,581.6	8,892.7
1988	397.3	63.3	118.9	215.2	377.1	648.9	1,134.6	2,031.0	3,804.6	9,362.1
1987	396.8	66.0	124.1	213.9	387.1	661.5	1,171.5	2,058.7	3,845.4	9,335.3
1986	399.5	68.1	126.1	215.1	397.0	674.7	1,206.4	2,130.1	3,940.7	9,452.4
1985	403.1	68.2	128.5	226.1	397.7	692.5	1,231.3	2,194.0	4,070.8	9,622.1
1984	402.9	69.9	131.1	230.4	411.3	704.3	1,270.5	2,244.4	4,181.1	9,588.9
1983	406.6	73.4	136.0	235.2	424.3	719.6	1,294.7	2,303.3	4,328.0	9,811.9
1982	401.8	76.5	133.7	236.3	423.9	731.8	1,317.2	2,343.7	4,389.5	9,717.8
1981	405.7	81.1	139.8	243.2	438.0	755.9	1,347.7	2,363.0	4,525.5	10,050.8
1980	416.0	82.2	140.6	248.7	446.5	786.8	1,409.6	2,554.4	4,775.1	10,519.7
1979	401.9	81.6	143.5	245.5	451.0	760.0	1,414.2	2,515.6	4,703.5	10,026.4
Major cardiovascular diseases (390-434,436-448)										
White, both sexes										
1998	362.4	78.6	138.9	237.1	407.6	666.6	1,109.2	1,870.2	3,373.0	8,158.8
1997	368.3	81.7	144.3	249.2	427.6	686.8	1,143.4	1,930.5	3,424.2	8,340.5
1996	374.5	84.9	153.8	256.0	448.4	704.3	1,174.9	1,985.9	3,532.0	8,500.5
1995	378.4	85.2	157.1	264.1	456.7	729.0	1,200.4	2,029.9	3,603.6	8,640.0
1994	378.4	86.5	158.3	269.4	467.4	742.5	1,230.0	2,051.0	3,667.1	8,662.0
1993	385.2	88.0	160.3	279.2	478.7	774.5	1,266.1	2,140.6	3,768.6	8,849.3
1992	375.7	88.8	161.8	282.7	478.2	771.3	1,277.7	2,118.6	3,731.5	8,575.5
1991	380.9	93.3	163.1	292.8	489.6	796.3	1,317.1	2,188.2	3,821.2	8,777.0
1990	386.9	94.1	169.5	300.5	507.6	815.9	1,369.4	2,285.9	3,961.5	9,058.9
1989	395.4	94.3	175.2	313.4	523.2	850.3	1,406.9	2,360.1	4,103.3	9,255.3
1988	415.3	100.1	185.8	334.3	556.1	910.9	1,521.3	2,502.3	4,352.2	9,791.3
1987	416.6	105.5	200.1	338.7	576.3	928.4	1,562.0	2,545.3	4,400.2	9,743.9
1986	422.0	108.6	203.8	350.4	597.6	960.3	1,614.3	2,629.6	4,519.8	9,872.8
1985	430.0	114.3	215.8	368.8	610.1	995.6	1,657.6	2,722.8	4,676.9	10,138.1
1984	432.0	118.3	220.6	374.9	633.4	1,020.0	1,690.4	2,790.0	4,772.9	10,177.2
1983	438.6	123.0	229.5	387.6	648.5	1,054.9	1,742.5	2,880.8	4,926.7	10,421.6
1982	437.0	129.0	231.8	395.5	657.6	1,083.1	1,775.8	2,926.5	4,981.7	10,350.8
1981	442.5	136.2	240.8	408.9	677.8	1,110.5	1,819.2	2,965.0	5,155.5	10,673.7
1980	453.4	136.2	247.1	421.5	700.2	1,148.7	1,897.0	3,142.2	5,427.8	11,168.2
1979	443.2	141.4	253.2	422.2	721.7	1,128.1	1,909.8	3,097.5	5,387.4	10,678.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases (390-434,436-448)										
White, male										
1998	344.4	117.6	204.0	339.3	571.8	909.2	1,473.7	2,408.3	4,160.5	8,608.9
1997	352.6	121.9	212.8	359.0	601.4	946.4	1,534.6	2,489.4	4,249.9	8,952.3
1996	359.2	125.7	226.2	370.0	635.2	976.5	1,578.8	2,580.6	4,374.8	9,142.3
1995	363.6	128.6	232.7	381.5	647.5	1,010.8	1,624.7	2,639.5	4,498.9	9,245.8
1994	365.8	129.6	236.2	393.0	665.7	1,047.1	1,664.1	2,681.8	4,586.9	9,342.6
1993	374.0	132.4	238.3	406.7	684.4	1,098.2	1,711.1	2,818.9	4,751.5	9,571.3
1992	367.7	134.9	240.9	414.0	687.3	1,092.3	1,733.6	2,787.2	4,698.2	9,349.3
1991	374.0	141.0	243.4	429.5	705.9	1,133.4	1,805.8	2,898.4	4,804.0	9,491.7
1990	381.5	141.6	253.6	442.1	735.6	1,158.9	1,882.5	3,035.7	5,011.8	9,762.8
1989	390.6	144.2	261.3	465.0	761.2	1,210.9	1,937.3	3,127.0	5,152.5	9,914.7
1988	411.9	150.8	278.2	492.8	807.8	1,288.0	2,110.3	3,324.8	5,458.7	10,551.0
1987	415.0	159.3	301.2	502.8	836.9	1,306.6	2,164.0	3,378.4	5,507.3	10,436.5
1986	423.7	163.5	308.2	525.9	871.5	1,362.1	2,243.0	3,496.7	5,668.3	10,579.1
1985	436.6	175.3	329.3	558.6	896.6	1,421.2	2,319.6	3,634.1	5,890.7	11,019.0
1984	440.8	182.0	336.5	566.4	929.9	1,460.7	2,343.7	3,717.2	5,970.0	11,165.5
1983	451.2	188.2	350.4	589.9	950.6	1,522.2	2,440.5	3,862.0	6,123.0	11,431.4
1982	452.6	198.3	358.4	603.9	968.2	1,567.5	2,474.0	3,900.8	6,141.7	11,388.2
1981	460.9	209.1	370.8	625.9	996.3	1,604.9	2,545.8	3,975.5	6,382.9	11,673.8
1980	473.8	208.6	384.5	646.1	1,037.6	1,662.9	2,650.4	4,156.4	6,671.4	12,186.8
1979	468.6	219.9	394.3	648.4	1,078.4	1,647.8	2,679.7	4,104.7	6,608.6	11,660.8
Major cardiovascular diseases (390-434,436-448)										
White, female										
1998	379.9	40.1	75.5	140.1	256.6	456.2	822.0	1,494.3	2,914.2	7,980.9
1997	383.6	42.0	77.7	145.2	268.3	463.1	838.0	1,542.4	2,949.6	8,102.3
1996	389.3	44.6	83.5	148.2	277.8	471.4	860.9	1,576.0	3,054.7	8,254.0
1995	392.7	42.5	83.8	153.3	283.2	489.9	871.3	1,614.2	3,105.1	8,409.1
1994	390.6	44.0	82.9	152.9	287.4	487.1	894.3	1,625.0	3,163.0	8,404.3
1993	395.9	44.4	84.8	159.2	292.8	505.3	923.9	1,686.6	3,236.4	8,577.1
1992	383.3	43.4	85.5	159.4	290.0	506.6	929.0	1,675.2	3,213.3	8,284.1
1991	387.5	46.7	85.9	164.8	296.0	519.4	945.9	1,722.1	3,299.6	8,507.2
1990	391.9	47.6	88.7	168.5	305.5	534.8	985.1	1,801.8	3,407.0	8,791.7
1989	399.9	45.5	92.5	172.2	313.4	554.4	1,011.6	1,866.9	3,551.9	9,007.8
1988	418.6	50.5	97.1	187.1	335.6	600.9	1,085.6	1,978.2	3,774.4	9,499.9
1987	418.2	53.0	103.4	186.9	348.8	617.3	1,119.9	2,017.4	3,823.8	9,475.8
1986	420.3	55.0	104.2	188.9	358.5	630.6	1,154.5	2,083.5	3,922.6	9,597.6
1985	423.8	54.9	107.6	195.0	359.4	648.2	1,175.7	2,151.6	4,045.5	9,792.9
1984	423.6	56.5	110.3	201.0	373.7	661.8	1,215.6	2,211.1	4,149.8	9,785.5
1983	426.7	59.7	114.7	204.8	383.9	676.3	1,236.4	2,269.4	4,302.1	10,015.1
1982	422.2	61.9	111.9	208.1	385.4	692.1	1,270.8	2,319.9	4,375.0	9,926.0
1981	424.9	65.7	118.1	213.8	399.6	712.1	1,295.2	2,336.2	4,512.2	10,255.1
1980	434.0	66.5	118.1	219.0	407.0	735.3	1,353.8	2,511.5	4,774.4	10,729.1
1979	419.0	65.9	121.2	217.8	411.9	711.7	1,356.6	2,475.0	4,740.6	10,240.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases (390-434,436-448)										
All other, both sexes										
1998	241.2	158.7	251.6	406.8	645.1	930.4	1,472.2	2,214.9	3,543.2	6,991.5
1997	242.6	162.4	268.4	427.2	663.9	938.7	1,536.0	2,196.2	3,498.2	7,060.0
1996	248.6	168.5	279.3	429.5	699.7	971.7	1,582.7	2,305.8	3,675.7	7,142.6
1995	255.0	173.9	284.3	450.1	699.2	1,037.6	1,651.0	2,360.4	3,814.3	7,296.3
1994	254.8	177.3	294.3	460.2	687.8	1,056.3	1,645.1	2,382.8	3,867.5	7,227.3
1993	263.0	177.3	300.5	494.6	734.4	1,114.6	1,683.4	2,481.8	3,999.4	7,517.6
1992	258.1	183.1	294.4	495.3	739.2	1,105.3	1,687.1	2,433.3	3,908.3	7,213.3
1991	265.9	189.0	302.7	498.1	764.0	1,168.3	1,746.9	2,552.9	4,067.6	7,409.9
1990	270.7	190.9	315.0	512.1	787.9	1,206.1	1,759.8	2,605.6	4,065.3	7,652.5
1989	282.6	200.1	342.2	537.8	856.5	1,259.1	1,818.3	2,771.9	4,205.4	7,747.7
1988	294.5	202.9	346.9	554.8	907.2	1,310.0	1,907.2	2,896.3	4,561.3	7,917.3
1987	293.5	202.9	361.0	547.6	895.9	1,313.9	1,967.2	2,854.3	4,499.4	7,835.8
1986	298.1	203.2	372.3	565.1	924.0	1,319.7	1,991.0	2,948.6	4,575.4	7,903.0
1985	302.8	215.7	374.5	599.8	941.8	1,351.5	2,096.2	2,971.2	4,785.9	7,751.1
1984	301.8	222.7	378.1	607.2	955.6	1,339.6	2,126.9	2,889.1	4,950.9	7,447.9
1983	308.4	227.9	394.3	633.8	993.4	1,359.4	2,196.0	2,992.1	5,032.8	7,624.0
1982	303.6	243.0	391.2	627.5	985.4	1,372.4	2,126.1	2,969.5	4,909.5	7,485.5
1981	312.7	255.4	414.5	663.5	1,008.9	1,402.8	2,195.5	2,981.8	5,126.6	7,905.3
1980	330.8	263.2	433.5	682.2	1,044.2	1,521.2	2,297.2	3,378.9	5,249.5	8,402.8
1979	322.5	265.4	448.9	681.2	1,051.0	1,481.8	2,327.5	3,273.6	4,687.1	7,692.0
Major cardiovascular diseases (390-434,436-448)										
All other, male										
1998	241.1	214.4	343.2	544.2	849.8	1,190.6	1,817.7	2,691.8	4,135.6	7,334.3
1997	243.7	225.2	366.6	575.7	882.6	1,203.6	1,906.2	2,655.3	4,095.6	7,371.8
1996	249.1	230.6	376.4	573.2	929.7	1,243.3	1,978.7	2,811.3	4,228.9	7,545.0
1995	258.2	241.5	393.8	609.3	918.7	1,335.4	2,079.7	2,892.5	4,463.6	7,653.9
1994	257.1	244.8	402.3	609.4	914.5	1,343.5	2,076.8	2,871.9	4,554.7	7,577.5
1993	265.8	240.7	410.0	666.8	975.3	1,441.7	2,097.6	2,979.3	4,646.9	7,880.6
1992	262.9	250.8	390.6	654.4	971.8	1,424.9	2,138.6	3,002.2	4,547.8	7,590.8
1991	272.7	260.9	408.4	674.3	1,016.7	1,500.2	2,191.2	3,090.1	4,819.7	7,859.2
1990	277.0	260.4	425.6	702.8	1,020.5	1,533.2	2,223.0	3,154.6	4,699.7	8,013.4
1989	289.6	278.8	471.4	721.7	1,137.0	1,623.8	2,249.7	3,293.2	4,771.1	7,951.9
1988	304.0	277.7	461.8	748.5	1,196.0	1,672.6	2,400.6	3,468.5	5,267.5	8,151.9
1987	305.6	274.7	493.9	734.6	1,180.7	1,696.0	2,458.3	3,482.3	5,227.7	8,058.4
1986	310.8	272.3	505.9	772.0	1,220.2	1,689.0	2,459.2	3,530.5	5,335.2	8,178.7
1985	317.4	297.4	513.2	786.0	1,245.8	1,731.1	2,616.7	3,524.3	5,528.8	8,015.1
1984	317.6	307.5	515.4	804.5	1,260.5	1,705.7	2,640.9	3,365.8	5,649.5	7,786.1
1983	325.4	312.2	539.4	841.3	1,290.3	1,719.0	2,718.4	3,517.3	5,717.5	8,065.2
1982	324.4	333.5	526.2	840.5	1,280.6	1,775.1	2,639.8	3,548.2	5,542.6	7,983.6
1981	333.9	348.8	566.7	891.3	1,308.2	1,762.4	2,665.7	3,496.8	5,850.5	8,382.8
1980	355.6	358.1	595.8	910.9	1,361.6	1,897.0	2,761.5	3,947.2	6,006.8	9,231.3
1979	350.7	362.8	619.7	930.7	1,356.9	1,871.3	2,764.4	3,717.4	5,408.1	8,413.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases (390-434,436-448)										
All other, female										
1998	241.3	110.6	173.0	291.7	480.1	735.8	1,236.9	1,910.2	3,229.3	6,847.8
1997	241.5	108.5	184.2	303.3	489.1	741.3	1,283.3	1,905.8	3,182.8	6,928.5
1996	248.1	115.1	196.3	310.0	517.7	769.5	1,312.2	1,988.2	3,381.6	6,972.7
1995	252.0	116.0	190.8	318.2	526.9	816.4	1,357.6	2,028.0	3,469.0	7,143.9
1994	252.6	119.4	202.1	337.4	510.9	843.4	1,348.9	2,080.4	3,498.6	7,077.2
1993	260.5	123.0	207.0	353.2	547.8	873.1	1,397.2	2,176.7	3,646.3	7,360.8
1992	253.7	124.8	212.4	365.6	560.2	868.8	1,377.0	2,084.8	3,555.5	7,048.3
1991	259.7	127.1	212.9	355.4	570.4	922.8	1,443.0	2,221.0	3,651.9	7,211.0
1990	264.9	130.8	221.2	359.0	610.9	964.1	1,444.5	2,265.0	3,707.4	7,488.5
1989	276.2	132.1	233.1	389.7	642.6	986.2	1,523.2	2,445.9	3,902.4	7,609.7
1988	285.9	138.4	249.9	399.2	684.2	1,039.6	1,569.9	2,526.8	4,133.8	7,807.7
1987	282.4	141.1	249.9	397.4	675.8	1,029.1	1,631.4	2,452.4	4,083.2	7,730.7
1986	286.5	143.8	261.0	398.6	695.6	1,043.6	1,669.8	2,580.6	4,141.3	7,770.5
1985	289.6	145.8	260.6	449.1	703.7	1,064.8	1,732.4	2,608.3	4,356.7	7,622.7
1984	287.5	150.3	264.8	446.2	717.2	1,064.7	1,769.7	2,572.4	4,540.7	7,280.0
1983	292.9	156.3	276.2	465.0	758.6	1,089.1	1,831.6	2,640.1	4,630.3	7,405.0
1982	284.7	166.4	281.7	453.3	750.4	1,070.1	1,750.6	2,581.8	4,561.8	7,234.6
1981	293.5	177.1	291.9	475.2	767.9	1,130.8	1,846.0	2,633.5	4,687.3	7,602.4
1980	308.3	184.5	301.8	492.6	789.7	1,233.7	1,950.9	2,991.7	4,784.1	7,978.6
1979	296.9	185.2	309.8	473.2	803.4	1,180.8	1,989.4	2,931.8	4,237.7	7,386.0
Major cardiovascular diseases (390-434,436-448)										
Black, both sexes										
1998	290.6	205.5	321.6	510.5	792.7	1,114.9	1,724.2	2,497.0	3,878.1	7,333.9
1997	291.2	207.8	343.0	526.6	812.6	1,105.4	1,805.8	2,451.7	3,801.6	7,408.6
1996	298.1	215.3	354.1	532.9	849.8	1,141.0	1,848.5	2,560.5	4,000.0	7,449.6
1995	305.8	224.1	356.1	553.1	841.7	1,219.8	1,914.4	2,627.7	4,118.9	7,619.7
1994	304.2	225.4	366.6	559.6	823.5	1,230.0	1,892.5	2,633.2	4,151.4	7,514.3
1993	314.7	226.8	374.2	607.3	874.9	1,297.1	1,937.3	2,733.6	4,278.0	7,817.1
1992	307.3	231.7	363.6	594.1	875.6	1,278.0	1,907.5	2,656.1	4,166.6	7,490.5
1991	316.5	239.6	373.4	598.3	895.5	1,346.3	1,970.3	2,784.5	4,336.2	7,667.8
1990	321.6	238.6	384.8	607.8	926.4	1,381.3	1,968.1	2,842.6	4,332.5	7,995.3
1989	334.7	248.0	412.2	635.1	1,000.2	1,439.5	2,035.9	3,030.7	4,470.6	8,036.8
1988	347.9	249.8	417.4	655.9	1,050.3	1,488.3	2,127.2	3,157.9	4,864.0	8,274.8
1987	344.1	247.3	428.5	633.6	1,037.7	1,490.9	2,175.2	3,096.1	4,802.7	8,157.2
1986	348.5	245.6	438.4	659.2	1,063.7	1,489.1	2,203.0	3,197.4	4,854.1	8,263.2
1985	351.0	258.8	442.8	689.8	1,073.2	1,505.6	2,301.6	3,193.5	5,072.2	8,039.5
1984	347.9	263.2	439.8	689.8	1,087.8	1,482.5	2,342.5	3,112.2	5,256.8	7,728.4
1983	353.5	269.2	455.9	719.3	1,118.0	1,498.2	2,399.2	3,220.3	5,350.2	7,877.2
1982	345.6	283.6	449.5	710.1	1,100.8	1,502.7	2,303.9	3,168.8	5,245.4	7,787.5
1981	354.8	295.9	473.7	744.0	1,124.2	1,534.3	2,382.6	3,186.1	5,503.8	8,233.3
1980	369.8	302.4	488.1	757.0	1,148.7	1,647.9	2,460.2	3,597.4	5,582.9	8,718.9
1979	354.8	301.8	502.3	747.9	1,139.5	1,575.9	2,482.6	3,402.0	4,836.8	7,880.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Major cardiovascular diseases (390-434,436-448)										
Black, male										
1998	286.1	273.8	437.0	682.5	1,044.4	1,428.0	2,140.4	3,038.4	4,625.5	7,719.8
1997	288.4	285.1	469.1	710.5	1,084.2	1,405.8	2,252.3	2,987.2	4,559.2	7,710.4
1996	295.0	290.9	479.0	715.0	1,127.6	1,450.5	2,333.0	3,146.5	4,736.9	7,881.2
1995	306.2	310.3	498.0	755.6	1,106.8	1,555.0	2,428.7	3,249.5	4,916.2	8,018.7
1994	303.2	308.6	502.2	745.6	1,091.6	1,549.7	2,401.9	3,216.7	5,003.0	7,856.4
1993	314.4	307.5	515.4	827.2	1,159.7	1,667.8	2,433.0	3,297.0	5,016.5	8,244.7
1992	309.8	318.5	483.2	784.7	1,144.7	1,641.9	2,442.9	3,316.2	4,909.2	7,944.8
1991	321.7	332.7	509.7	811.1	1,185.4	1,725.3	2,491.3	3,415.6	5,190.8	8,165.7
1990	327.3	328.0	525.2	837.8	1,196.5	1,764.0	2,506.3	3,490.3	5,112.3	8,477.4
1989	340.2	348.4	574.4	855.4	1,320.0	1,869.2	2,537.3	3,629.2	5,090.7	8,309.1
1988	356.3	345.3	560.3	881.3	1,381.8	1,904.0	2,696.8	3,841.2	5,706.4	8,578.5
1987	354.7	338.8	588.7	842.3	1,361.2	1,926.2	2,724.1	3,787.4	5,583.7	8,462.5
1986	360.7	331.7	598.0	893.2	1,401.9	1,906.4	2,738.7	3,851.7	5,623.3	8,636.5
1985	365.5	358.8	606.4	898.9	1,421.3	1,933.0	2,900.4	3,790.6	5,844.8	8,385.5
1984	363.6	368.4	598.6	910.7	1,438.5	1,891.7	2,930.2	3,638.3	6,008.3	8,170.5
1983	370.5	374.3	620.4	949.4	1,450.9	1,893.7	2,992.6	3,799.4	6,075.6	8,331.7
1982	366.3	393.4	600.8	947.6	1,431.5	1,944.9	2,890.5	3,762.1	5,867.5	8,270.7
1981	376.6	405.3	643.2	999.8	1,463.0	1,937.5	2,913.4	3,745.6	6,288.3	8,667.9
1980	394.1	410.7	667.4	1,007.2	1,496.6	2,063.9	2,972.9	4,218.4	6,354.9	9,477.5
1979	382.8	411.3	688.0	1,021.4	1,471.5	1,999.4	2,988.9	3,876.4	5,515.6	8,592.3
Major cardiovascular diseases (390-434,436-448)										
Black, female										
1998	294.6	146.9	224.4	370.6	595.6	883.0	1,450.1	2,168.5	3,514.3	7,188.4
1997	293.8	141.9	237.2	377.8	600.6	883.0	1,512.0	2,129.0	3,435.5	7,293.7
1996	300.9	150.9	249.8	386.4	633.8	911.1	1,530.6	2,209.4	3,641.9	7,284.5
1995	305.4	150.9	238.0	390.5	636.1	971.1	1,577.7	2,257.1	3,730.9	7,464.9
1994	305.1	155.0	253.9	411.0	615.8	993.3	1,558.4	2,290.4	3,731.7	7,380.5
1993	315.0	158.8	257.1	431.6	655.7	1,025.5	1,608.6	2,406.8	3,908.0	7,647.7
1992	305.0	158.6	264.9	442.3	669.8	1,012.1	1,553.9	2,274.8	3,789.9	7,307.4
1991	311.8	161.3	261.4	429.1	674.7	1,070.9	1,626.5	2,416.4	3,902.3	7,463.3
1990	316.6	163.6	269.8	425.7	722.3	1,104.7	1,614.6	2,462.9	3,928.8	7,790.9
1989	329.7	163.8	279.5	459.7	757.4	1,128.4	1,710.5	2,676.7	4,145.4	7,971.9
1988	340.4	170.0	299.5	476.0	798.4	1,186.6	1,746.8	2,749.3	4,419.1	8,142.3
1987	334.5	171.1	297.2	467.2	790.7	1,173.5	1,807.9	2,677.5	4,382.5	8,021.5
1986	337.6	174.1	307.8	470.7	806.3	1,183.3	1,843.9	2,796.8	4,434.5	8,092.8
1985	337.9	175.9	309.1	520.3	804.5	1,192.0	1,905.6	2,821.6	4,646.8	7,878.2
1984	333.7	176.2	309.3	509.2	816.3	1,180.7	1,950.1	2,782.0	4,841.4	7,519.4
1983	338.1	182.3	322.1	532.1	860.7	1,207.0	2,003.6	2,839.0	4,940.0	7,657.3
1982	326.9	193.3	326.8	516.6	841.8	1,176.6	1,900.6	2,800.8	4,884.8	7,550.0
1981	335.2	205.0	336.4	535.9	856.9	1,239.9	2,011.7	2,823.8	5,046.2	7,945.1
1980	348.0	213.4	343.3	552.4	873.1	1,338.0	2,095.4	3,193.3	5,120.1	8,339.7
1979	329.6	211.5	350.8	523.3	875.6	1,259.3	2,118.2	3,064.0	4,415.3	7,524.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of heart (390-398,402,404,410-429)										
All races, both sexes										
1998	262.8	74.8	128.8	216.6	362.7	566.6	904.8	1,455.2	2,539.3	6,041.1
1997	266.6	77.4	134.4	228.9	379.6	580.5	930.9	1,497.3	2,572.0	6,144.7
1996	272.2	79.4	142.8	234.1	400.3	597.9	963.1	1,546.7	2,661.9	6,259.0
1995	277.0	80.7	146.4	241.8	406.4	623.8	988.0	1,591.6	2,732.2	6,391.5
1994	278.3	82.3	148.2	248.8	413.2	637.4	1,015.2	1,610.9	2,790.8	6,423.0
1993	286.0	83.0	150.9	259.9	428.9	670.9	1,048.9	1,696.1	2,899.5	6,606.5
1992	279.8	84.4	151.7	263.1	428.0	666.7	1,058.7	1,677.4	2,873.2	6,397.2
1991	284.9	88.2	153.2	271.1	440.2	688.4	1,093.8	1,742.9	2,950.4	6,553.0
1990	289.5	88.6	159.4	277.4	456.0	706.5	1,131.1	1,815.9	3,044.7	6,739.9
1989	297.3	91.1	166.8	290.8	473.7	739.7	1,165.5	1,885.7	3,156.3	6,868.7
1988	312.9	95.6	176.3	309.4	503.6	790.6	1,261.8	1,998.5	3,349.0	7,253.1
1987	313.8	100.4	188.5	311.8	517.6	806.5	1,294.5	2,023.6	3,369.4	7,184.4
1986	318.8	102.6	192.9	322.8	537.5	830.5	1,336.9	2,095.1	3,464.4	7,267.7
1985	324.1	108.4	202.4	339.7	549.4	860.0	1,375.7	2,153.6	3,573.0	7,384.1
1984	324.4	111.6	205.2	345.3	567.4	876.4	1,400.0	2,188.5	3,626.4	7,332.0
1983	329.5	114.9	215.1	357.7	581.5	905.1	1,446.6	2,250.8	3,720.2	7,478.3
1982	326.2	121.7	214.9	362.1	587.9	921.9	1,451.7	2,267.5	3,716.1	7,341.8
1981	328.5	128.6	223.4	374.6	601.8	941.6	1,475.5	2,277.0	3,811.1	7,484.2
1980	336.0	127.9	229.7	385.2	619.6	975.8	1,532.3	2,402.6	3,957.5	7,777.1
1979	326.5	131.9	235.0	383.5	634.7	950.2	1,530.7	2,352.0	3,867.0	7,310.9
Diseases of heart (390-398,402,404,410-429)										
All races, male										
1998	261.9	112.4	192.4	313.5	513.1	783.6	1,220.7	1,915.6	3,225.2	6,554.9
1997	267.2	117.1	200.8	333.0	539.6	809.6	1,267.6	1,974.0	3,270.8	6,729.5
1996	273.2	119.4	212.5	340.6	571.7	838.8	1,312.4	2,049.1	3,368.8	6,897.4
1995	278.5	123.3	220.9	353.9	579.6	874.3	1,355.5	2,109.1	3,486.2	6,993.5
1994	280.9	124.9	224.2	364.8	594.8	903.4	1,394.2	2,135.2	3,557.3	7,077.0
1993	289.4	126.7	227.3	382.2	617.3	955.6	1,432.7	2,256.8	3,716.5	7,288.9
1992	285.5	129.9	227.7	387.5	619.0	949.4	1,454.0	2,241.7	3,679.2	7,104.8
1991	291.5	135.8	230.9	400.8	639.2	983.2	1,512.2	2,332.2	3,767.9	7,245.9
1990	297.6	136.1	240.6	412.6	663.5	1,008.2	1,570.7	2,433.3	3,910.7	7,418.4
1989	306.1	141.4	252.6	434.7	691.1	1,058.8	1,618.0	2,514.8	4,014.4	7,506.0
1988	323.6	146.5	265.9	459.5	733.3	1,125.4	1,764.6	2,677.2	4,265.5	7,975.9
1987	326.6	153.9	287.2	466.0	755.6	1,144.0	1,808.1	2,716.8	4,287.2	7,873.2
1986	334.5	157.0	295.3	489.8	788.7	1,187.1	1,872.1	2,815.7	4,405.9	7,982.5
1985	344.1	169.1	312.2	514.5	811.3	1,234.9	1,934.5	2,900.0	4,589.6	8,251.8
1984	346.3	174.2	317.7	524.6	839.4	1,260.0	1,954.0	2,949.3	4,602.8	8,242.2
1983	354.4	179.3	332.4	546.8	857.3	1,314.1	2,035.8	3,036.3	4,693.7	8,419.1
1982	354.0	190.4	336.5	557.2	871.9	1,343.9	2,036.3	3,054.5	4,672.8	8,290.1
1981	359.2	201.4	349.1	579.5	890.9	1,367.9	2,079.9	3,078.1	4,821.3	8,427.4
1980	368.6	200.8	361.0	596.1	923.6	1,418.9	2,150.8	3,213.8	4,959.2	8,752.7
1979	363.2	209.7	371.3	597.7	954.7	1,397.7	2,159.8	3,145.1	4,833.8	8,240.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of heart (390-398,402,404,410-429)										
All races, female										
1998	263.6	38.5	67.9	126.2	226.8	381.9	659.9	1,136.4	2,143.1	5,836.9
1997	266.1	39.0	70.9	132.1	235.7	386.5	671.9	1,169.3	2,173.4	5,915.4
1996	271.3	40.7	76.5	135.2	246.6	395.3	695.2	1,203.6	2,263.9	6,011.6
1995	275.5	39.5	75.5	138.0	251.8	414.6	706.5	1,241.8	2,314.0	6,159.6
1994	275.9	41.3	75.9	141.6	251.6	417.6	725.7	1,259.7	2,371.5	6,172.5
1993	282.8	40.8	78.3	146.9	261.8	437.4	756.8	1,323.9	2,456.8	6,346.0
1992	274.4	40.5	79.7	148.5	259.3	436.4	759.5	1,306.0	2,440.1	6,127.2
1991	278.7	42.5	79.6	152.0	265.4	449.0	779.4	1,358.4	2,514.9	6,287.7
1990	281.8	42.9	82.7	153.9	275.2	461.9	804.8	1,418.8	2,584.9	6,478.1
1989	289.0	42.6	85.9	159.2	285.2	480.3	831.2	1,482.3	2,703.3	6,620.9
1988	302.8	46.6	91.8	172.5	305.2	518.2	892.6	1,565.8	2,865.0	6,970.9
1987	301.7	49.1	95.8	171.6	312.7	531.6	919.8	1,583.9	2,887.8	6,913.0
1986	303.9	50.5	96.9	171.5	321.1	540.7	947.8	1,640.8	2,970.7	6,984.1
1985	305.2	50.3	99.8	181.9	323.0	556.5	970.7	1,683.6	3,039.5	7,037.6
1984	303.8	51.8	100.1	184.4	331.8	567.2	999.0	1,710.7	3,113.0	6,964.1
1983	306.1	53.4	105.8	188.8	342.6	576.2	1,020.7	1,758.0	3,206.8	7,092.7
1982	299.8	56.4	101.9	188.5	341.4	583.7	1,028.7	1,774.2	3,212.1	6,946.5
1981	299.5	59.6	106.9	192.1	351.3	600.4	1,038.7	1,774.6	3,275.4	7,078.7
1980	305.1	59.0	108.4	196.7	357.5	621.4	1,084.8	1,893.8	3,424.6	7,350.5
1979	291.8	58.5	109.5	191.6	358.7	593.0	1,076.1	1,853.3	3,348.3	6,897.8
Diseases of heart (390-398,402,404,410-429)										
White, both sexes										
1998	280.4	66.1	117.6	199.9	339.8	544.7	877.9	1,434.2	2,536.0	6,131.9
1997	284.7	69.0	122.3	211.4	357.6	559.9	903.4	1,482.6	2,572.6	6,237.8
1996	290.2	71.0	130.2	217.1	376.5	577.9	935.0	1,528.9	2,659.9	6,360.3
1995	294.5	71.5	133.9	224.2	384.0	599.3	956.5	1,573.6	2,725.6	6,492.5
1994	295.9	73.3	135.3	230.3	394.0	612.8	987.9	1,594.1	2,788.1	6,528.0
1993	303.1	74.6	136.8	238.8	406.1	644.4	1,021.0	1,678.7	2,889.5	6,702.1
1992	296.1	75.5	138.4	242.7	405.5	641.5	1,032.4	1,660.3	2,868.0	6,491.6
1991	300.9	79.1	139.9	252.1	417.5	660.5	1,065.6	1,723.3	2,942.9	6,651.5
1990	305.4	79.9	145.4	258.1	433.1	677.6	1,107.3	1,799.4	3,046.8	6,837.3
1989	312.6	80.8	150.9	270.1	446.6	709.6	1,140.5	1,864.7	3,158.1	6,971.3
1988	329.2	85.5	161.2	290.3	476.1	762.8	1,239.7	1,977.2	3,343.8	7,380.7
1987	330.0	91.2	173.6	294.8	493.0	779.4	1,271.1	2,010.7	3,368.1	7,306.6
1986	334.9	93.4	177.7	305.5	512.8	806.5	1,316.1	2,081.5	3,468.6	7,391.3
1985	340.6	99.1	188.3	320.8	525.4	836.7	1,351.8	2,145.9	3,578.3	7,539.3
1984	341.0	102.1	191.6	327.2	544.8	857.8	1,378.0	2,192.6	3,625.4	7,499.7
1983	345.9	106.0	200.9	338.7	558.0	887.8	1,422.3	2,252.5	3,720.9	7,651.9
1982	342.8	111.5	202.2	344.9	566.7	907.0	1,435.8	2,278.5	3,731.7	7,516.9
1981	344.5	118.2	210.5	356.5	580.0	927.3	1,460.1	2,288.6	3,824.6	7,652.4
1980	350.8	117.3	215.4	367.0	598.2	956.4	1,516.0	2,401.0	3,978.2	7,940.4
1979	340.7	122.0	220.7	366.1	615.1	931.8	1,514.2	2,352.6	3,915.7	7,485.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of heart (390-398,402,404,410-429)										
White, male										
1998	277.7	102.4	179.3	295.1	488.5	763.1	1,199.1	1,902.3	3,239.8	6,663.4
1997	283.6	107.0	187.0	313.4	514.9	791.3	1,245.1	1,971.8	3,290.2	6,855.1
1996	289.8	109.6	198.8	322.9	546.8	821.7	1,289.6	2,041.3	3,387.3	7,033.3
1995	294.4	112.6	206.3	334.0	556.3	850.9	1,327.6	2,099.9	3,504.2	7,125.1
1994	297.2	114.3	209.2	346.3	575.2	882.8	1,370.8	2,133.2	3,578.2	7,218.6
1993	305.3	117.1	211.1	358.4	594.0	931.5	1,409.7	2,256.7	3,733.4	7,424.9
1992	300.7	119.3	213.9	366.8	597.5	928.0	1,431.1	2,235.6	3,698.5	7,239.7
1991	306.4	125.3	216.2	380.0	615.5	958.5	1,490.6	2,328.4	3,782.3	7,384.7
1990	312.7	125.9	225.4	390.2	643.1	984.3	1,554.1	2,435.5	3,946.2	7,558.7
1989	320.5	129.1	233.5	412.6	663.0	1,031.8	1,603.3	2,513.0	4,050.1	7,660.7
1988	338.9	135.0	250.1	438.7	705.2	1,100.9	1,752.7	2,676.9	4,292.9	8,160.9
1987	341.8	143.8	270.2	449.8	731.3	1,119.1	1,796.3	2,723.0	4,315.6	8,052.8
1986	350.2	147.3	279.0	472.2	764.6	1,169.0	1,866.0	2,828.2	4,441.3	8,161.5
1985	360.3	158.6	297.1	498.0	788.3	1,218.7	1,924.3	2,923.1	4,623.6	8,481.7
1984	362.9	163.7	303.6	508.9	818.6	1,250.0	1,946.0	2,989.1	4,637.4	8,491.3
1983	371.0	169.5	317.4	529.3	836.7	1,308.3	2,028.4	3,076.3	4,726.7	8,670.1
1982	371.0	179.1	324.8	541.5	854.9	1,339.1	2,038.8	3,099.9	4,725.8	8,533.1
1981	375.8	190.3	335.9	562.2	873.7	1,367.5	2,086.2	3,131.8	4,872.5	8,663.4
1980	384.0	189.2	346.2	579.4	907.2	1,413.7	2,160.8	3,249.6	5,017.6	8,958.0
1979	378.2	199.0	356.6	581.0	942.3	1,393.7	2,170.9	3,192.9	4,922.4	8,458.5
Diseases of heart (390-398,402,404,410-429)										
White, female										
1998	283.0	30.2	57.5	109.6	203.0	355.4	624.9	1,107.3	2,126.0	5,921.8
1997	285.7	31.6	59.4	114.9	213.4	360.6	636.6	1,142.9	2,160.2	5,997.5
1996	290.6	32.9	63.7	117.1	221.0	369.4	659.5	1,175.8	2,248.0	6,101.8
1995	294.7	30.9	63.7	120.6	227.2	386.0	668.5	1,214.7	2,292.0	6,251.3
1994	294.7	32.9	63.8	121.0	229.4	386.6	691.9	1,229.9	2,355.1	6,266.5
1993	301.1	32.7	65.1	126.3	236.3	405.6	721.9	1,291.9	2,432.6	6,429.6
1992	291.6	32.4	65.6	126.2	232.8	405.3	727.5	1,278.8	2,422.8	6,209.9
1991	295.7	33.9	66.5	132.5	240.4	415.7	742.8	1,326.3	2,497.3	6,374.8
1990	298.4	34.8	68.7	135.1	246.9	426.1	772.6	1,388.7	2,572.0	6,563.4
1989	305.1	33.6	71.6	137.3	255.8	445.1	795.7	1,447.8	2,689.3	6,711.3
1988	319.9	37.0	76.0	152.5	275.3	484.9	860.2	1,531.3	2,848.2	7,081.4
1987	318.7	39.8	81.1	151.5	284.8	499.8	885.3	1,559.4	2,874.9	7,017.6
1986	320.4	40.9	81.1	152.1	293.1	509.1	913.8	1,611.3	2,962.7	7,091.3
1985	321.8	41.2	84.7	158.6	295.4	524.8	935.0	1,658.7	3,034.5	7,170.0
1984	320.2	42.3	85.1	162.1	304.9	539.1	965.0	1,695.3	3,098.7	7,106.8
1983	321.9	44.3	90.3	166.4	313.9	547.0	982.9	1,739.2	3,195.8	7,242.0
1982	315.9	46.0	86.1	168.0	314.2	558.2	999.8	1,767.2	3,211.9	7,100.6
1981	314.7	48.5	92.1	171.5	323.5	572.6	1,008.6	1,763.9	3,275.4	7,229.3
1980	319.2	48.1	92.6	175.5	329.8	588.8	1,051.0	1,873.3	3,432.0	7,501.6
1979	305.1	47.9	93.5	172.0	330.9	561.7	1,042.4	1,833.0	3,382.5	7,053.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of heart (390-398,402,404,410-429)										
All other, both sexes										
1998	181.5	119.5	193.8	317.8	504.6	715.4	1,122.4	1,641.8	2,572.3	5,154.1
1997	182.5	121.3	206.7	333.5	518.0	725.1	1,158.3	1,631.3	2,565.4	5,224.2
1996	187.0	125.4	217.3	336.4	552.0	742.5	1,200.9	1,710.7	2,682.4	5,252.8
1995	192.8	132.8	221.5	349.4	553.3	804.1	1,262.1	1,759.8	2,798.6	5,378.1
1994	192.7	135.0	226.2	364.4	541.8	823.6	1,254.2	1,770.2	2,818.4	5,353.0
1993	201.4	133.3	236.8	393.2	585.2	877.8	1,294.5	1,861.9	3,001.1	5,626.4
1992	197.8	139.3	231.7	393.7	587.7	866.5	1,293.5	1,840.2	2,927.8	5,421.5
1991	203.2	143.4	234.3	395.2	606.9	914.8	1,348.4	1,930.3	3,028.5	5,519.5
1990	206.7	142.3	245.9	407.3	628.2	947.0	1,347.2	1,971.6	3,022.9	5,707.5
1989	216.4	154.7	267.0	432.3	682.1	991.6	1,394.6	2,084.1	3,137.4	5,781.3
1988	225.8	158.0	272.6	443.3	720.1	1,026.6	1,464.4	2,199.1	3,403.8	5,896.8
1987	225.5	156.6	285.3	434.7	714.3	1,041.6	1,509.1	2,145.4	3,383.8	5,869.6
1986	229.2	158.9	292.6	451.1	739.6	1,039.9	1,527.6	2,225.4	3,419.2	5,924.2
1985	231.3	166.0	297.4	483.0	751.4	1,063.9	1,596.2	2,227.5	3,516.2	5,683.0
1984	229.5	171.9	298.6	486.0	759.8	1,040.1	1,603.9	2,149.4	3,637.4	5,494.0
1983	234.7	172.5	314.9	508.6	785.5	1,057.5	1,672.0	2,234.6	3,711.8	5,550.0
1982	228.3	188.7	307.7	500.5	775.7	1,052.4	1,600.1	2,160.9	3,539.3	5,384.0
1981	232.8	198.4	320.6	524.1	796.5	1,067.8	1,620.9	2,163.6	3,655.6	5,572.6
1980	245.0	201.4	339.5	540.2	812.0	1,148.3	1,687.5	2,418.2	3,713.7	5,902.3
1979	237.0	202.5	349.4	532.2	817.1	1,113.1	1,692.3	2,345.5	3,290.6	5,279.3
Diseases of heart (390-398,402,404,410-429)										
All other, male										
1998	186.8	167.3	273.8	433.1	676.5	935.1	1,410.4	2,040.3	3,070.1	5,537.6
1997	188.3	174.5	289.7	458.2	706.9	949.2	1,467.9	1,995.3	3,065.4	5,555.7
1996	192.3	177.5	299.0	454.6	744.2	972.4	1,521.3	2,124.9	3,173.8	5,636.2
1995	200.4	188.4	314.1	484.3	744.8	1,060.4	1,616.5	2,199.5	3,298.5	5,772.8
1994	199.5	190.9	321.3	488.7	736.8	1,070.4	1,613.7	2,155.2	3,343.7	5,756.6
1993	209.0	188.4	333.3	543.9	792.0	1,155.9	1,647.9	2,257.5	3,545.2	6,023.3
1992	206.7	200.0	316.3	530.9	785.8	1,129.7	1,672.7	2,303.1	3,483.0	5,850.0
1991	213.4	203.9	326.6	548.2	828.8	1,195.9	1,718.9	2,369.8	3,622.3	5,946.0
1990	216.9	202.8	341.7	575.8	830.4	1,218.7	1,730.3	2,412.1	3,556.9	6,109.3
1989	228.4	223.4	381.5	598.0	925.1	1,298.5	1,759.5	2,532.0	3,659.5	6,074.1
1988	239.8	222.6	374.0	617.4	970.9	1,344.8	1,879.4	2,679.5	3,994.0	6,264.6
1987	241.2	219.6	405.2	592.6	962.6	1,371.9	1,921.8	2,658.6	4,002.7	6,190.9
1986	245.5	220.3	410.4	630.1	999.6	1,354.0	1,929.9	2,697.6	4,049.1	6,302.7
1985	250.6	238.9	421.9	648.4	1,017.1	1,383.7	2,031.7	2,685.0	4,243.3	6,084.9
1984	249.1	245.9	422.3	654.7	1,027.7	1,351.7	2,030.1	2,580.7	4,250.5	5,906.9
1983	255.4	247.5	446.8	693.9	1,045.4	1,367.4	2,105.8	2,666.0	4,352.6	6,007.2
1982	251.7	269.5	428.8	689.8	1,031.2	1,387.8	2,013.1	2,633.5	4,120.2	5,932.8
1981	257.2	281.0	456.5	729.1	1,052.7	1,371.4	2,020.8	2,579.6	4,282.4	6,078.1
1980	271.8	288.4	484.2	745.5	1,078.5	1,466.4	2,057.1	2,880.6	4,334.3	6,655.6
1979	266.2	292.0	497.4	746.8	1,074.1	1,433.6	2,054.5	2,719.0	3,887.2	5,961.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of heart (390-398,402,404,410-429)										
All other, female										
1998	176.7	78.3	125.1	221.1	366.1	551.2	926.3	1,387.3	2,308.5	4,993.3
1997	177.1	75.7	135.5	229.4	367.0	558.1	946.9	1,401.0	2,301.3	5,084.5
1996	182.1	80.6	147.4	238.0	399.8	571.3	982.0	1,450.5	2,421.2	5,090.9
1995	185.8	85.1	142.4	237.6	402.9	613.7	1,019.6	1,485.2	2,532.7	5,209.9
1994	186.4	87.0	145.1	262.0	389.5	640.6	1,007.5	1,532.2	2,536.3	5,180.0
1993	194.6	86.0	154.5	269.5	425.1	672.5	1,050.3	1,619.3	2,704.4	5,454.9
1992	189.7	87.1	159.6	281.8	435.3	671.8	1,033.1	1,556.7	2,621.5	5,234.2
1991	193.8	91.3	155.7	271.4	436.8	706.9	1,094.9	1,658.8	2,700.3	5,330.7
1990	197.4	90.1	164.6	272.1	474.4	746.0	1,086.4	1,698.4	2,721.6	5,524.9
1989	205.5	95.5	170.3	298.9	496.7	762.1	1,145.0	1,803.9	2,854.2	5,613.6
1988	213.0	102.3	187.0	303.5	526.6	789.4	1,180.7	1,889.6	3,048.5	5,724.9
1987	211.2	102.3	185.0	307.9	522.4	795.5	1,226.9	1,817.0	3,030.1	5,717.8
1986	214.4	106.0	194.5	307.1	538.9	805.2	1,251.5	1,926.2	3,059.3	5,742.3
1985	213.8	103.6	195.0	349.1	543.4	822.6	1,292.2	1,927.4	3,096.1	5,487.3
1984	211.7	108.7	196.6	348.5	550.2	806.1	1,307.7	1,862.8	3,277.3	5,289.0
1983	215.9	108.6	207.5	357.8	580.0	824.7	1,369.1	1,945.6	3,335.2	5,323.0
1982	207.0	120.4	209.4	345.6	572.4	800.8	1,298.5	1,844.2	3,214.0	5,107.5
1981	210.7	129.1	211.0	354.8	590.3	838.3	1,324.3	1,882.2	3,275.3	5,274.0
1980	220.7	129.3	222.2	370.1	598.2	904.9	1,411.9	2,103.1	3,332.4	5,516.5
1979	210.6	128.7	228.8	353.3	609.1	865.5	1,412.6	2,060.9	2,918.8	4,972.8
Diseases of heart (390-398,402,404,410-429)										
Black, both sexes										
1998	220.0	155.5	247.9	400.7	623.5	866.8	1,323.9	1,866.6	2,846.8	5,410.2
1997	220.4	154.7	265.8	413.8	638.7	857.7	1,371.0	1,839.9	2,817.3	5,498.9
1996	225.6	161.1	277.1	418.1	674.2	875.8	1,412.5	1,914.4	2,931.1	5,515.9
1995	232.3	172.0	278.7	430.7	671.3	949.9	1,469.5	1,974.8	3,036.5	5,627.4
1994	231.1	171.5	283.1	444.9	650.2	963.4	1,450.3	1,968.6	3,047.2	5,583.4
1993	242.1	171.0	296.4	484.5	701.8	1,030.7	1,495.8	2,060.1	3,216.2	5,870.2
1992	236.4	176.9	287.4	475.9	700.1	1,007.7	1,467.8	2,010.8	3,130.2	5,650.6
1991	242.9	183.4	289.5	475.8	714.7	1,060.9	1,528.8	2,115.9	3,239.3	5,739.3
1990	246.4	178.1	301.2	484.6	741.6	1,088.3	1,513.9	2,156.4	3,232.2	5,978.5
1989	256.9	192.4	323.3	513.1	796.8	1,137.3	1,562.2	2,279.1	3,342.9	6,012.7
1988	267.4	195.7	329.4	523.8	835.4	1,167.6	1,635.8	2,401.5	3,641.9	6,186.9
1987	265.1	190.7	340.1	503.7	828.1	1,184.1	1,675.6	2,337.5	3,624.7	6,119.7
1986	268.6	191.3	346.2	527.7	853.1	1,176.8	1,694.4	2,417.9	3,629.4	6,200.5
1985	268.4	198.4	351.8	555.2	857.6	1,185.3	1,757.8	2,391.0	3,738.4	5,911.3
1984	264.8	202.4	348.3	552.9	865.2	1,150.3	1,765.2	2,320.1	3,861.0	5,715.3
1983	269.2	203.8	364.2	576.7	883.1	1,167.8	1,826.4	2,403.3	3,947.6	5,737.5
1982	259.8	220.3	353.3	566.6	865.5	1,150.8	1,731.5	2,305.6	3,781.2	5,617.6
1981	264.2	230.1	367.0	589.6	886.3	1,169.2	1,755.2	2,308.7	3,922.5	5,816.1
1980	274.0	231.3	381.8	600.2	893.6	1,243.7	1,804.0	2,573.8	3,958.4	6,137.4
1979	260.7	231.4	391.0	583.8	884.3	1,181.9	1,800.7	2,433.6	3,395.5	5,405.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of heart (390-398,402,404,410-429)										
Black, male										
1998	222.7	212.9	348.8	544.5	833.0	1,131.4	1,668.1	2,320.4	3,468.6	5,852.9
1997	223.9	219.1	371.4	566.4	872.0	1,112.3	1,737.7	2,266.6	3,463.8	5,832.0
1996	228.6	224.0	379.7	566.9	903.6	1,135.0	1,805.9	2,395.4	3,554.3	5,938.9
1995	239.1	242.6	397.0	602.4	902.8	1,237.6	1,900.7	2,492.0	3,655.0	6,088.5
1994	236.1	239.0	401.7	597.9	879.0	1,238.6	1,871.9	2,428.4	3,718.0	6,013.0
1993	247.9	239.8	418.0	672.4	948.2	1,342.9	1,918.4	2,516.8	3,825.8	6,321.8
1992	244.4	252.8	391.5	639.0	928.3	1,307.7	1,916.1	2,553.2	3,782.3	6,148.5
1991	252.9	261.4	406.5	659.3	968.2	1,382.1	1,965.0	2,623.7	3,917.0	6,242.0
1990	256.8	254.0	420.0	684.6	977.4	1,404.1	1,959.1	2,677.7	3,887.1	6,479.6
1989	268.8	279.3	465.4	708.4	1,070.6	1,499.2	1,984.5	2,789.9	3,928.9	6,368.2
1988	281.6	276.1	454.3	726.2	1,121.5	1,530.7	2,112.8	2,969.5	4,350.0	6,640.0
1987	280.7	269.3	482.4	678.1	1,113.2	1,562.8	2,134.5	2,902.3	4,301.1	6,523.4
1986	285.5	266.0	486.9	730.4	1,149.4	1,532.1	2,151.6	2,952.3	4,276.7	6,666.7
1985	288.6	286.6	497.0	739.8	1,157.9	1,546.0	2,250.8	2,878.8	4,526.4	6,393.5
1984	285.2	292.9	490.7	741.2	1,170.8	1,494.4	2,249.4	2,802.4	4,515.5	6,213.1
1983	290.9	295.4	513.3	780.9	1,175.4	1,511.6	2,317.6	2,875.2	4,629.3	6,203.3
1982	284.0	316.8	487.9	778.7	1,153.4	1,515.3	2,193.8	2,790.1	4,366.3	6,158.6
1981	290.0	326.0	518.7	819.1	1,174.5	1,509.6	2,204.6	2,755.7	4,596.1	6,280.4
1980	301.0	328.8	540.2	824.5	1,184.4	1,593.7	2,206.3	3,084.7	4,586.2	6,819.5
1979	290.2	331.9	550.0	818.2	1,161.6	1,529.3	2,219.0	2,823.0	3,968.8	6,094.2
Diseases of heart (390-398,402,404,410-429)										
Black, female										
1998	217.4	106.4	162.9	283.7	459.5	670.8	1,097.2	1,591.3	2,544.1	5,243.2
1997	217.3	99.9	177.2	290.3	456.7	669.2	1,129.8	1,582.8	2,504.8	5,372.0
1996	222.9	107.6	191.5	298.3	495.9	683.4	1,154.5	1,626.2	2,628.2	5,354.1
1995	226.3	112.2	180.1	292.9	491.7	736.3	1,187.1	1,666.5	2,735.6	5,448.5
1994	226.5	114.3	184.5	322.6	473.0	759.7	1,173.7	1,698.4	2,716.6	5,415.3
1993	236.9	112.9	195.5	334.3	512.2	801.8	1,215.7	1,795.2	2,910.7	5,691.3
1992	229.2	113.0	201.5	346.0	525.5	788.6	1,171.7	1,697.7	2,799.5	5,449.9
1991	234.0	117.9	193.2	329.9	521.5	827.6	1,241.1	1,819.7	2,895.2	5,532.7
1990	237.0	114.4	203.9	326.2	563.6	860.0	1,221.5	1,850.8	2,893.1	5,766.1
1989	246.2	119.4	207.0	357.4	588.9	875.3	1,287.7	1,977.1	3,035.7	5,898.7
1988	254.6	128.4	226.5	362.3	618.0	904.1	1,317.6	2,061.8	3,268.0	5,989.3
1987	251.1	125.1	223.5	364.7	610.4	908.0	1,368.8	1,995.5	3,260.8	5,940.3
1986	253.4	129.3	231.3	364.4	627.4	916.5	1,388.3	2,090.7	3,276.4	5,987.7
1985	250.3	125.3	233.1	405.6	625.8	920.6	1,431.7	2,087.2	3,304.4	5,686.5
1984	246.4	127.5	231.4	399.0	628.7	896.5	1,442.0	2,017.3	3,499.3	5,479.8
1983	249.7	128.1	243.1	410.6	656.9	914.7	1,498.6	2,093.4	3,562.1	5,512.1
1982	238.1	140.8	244.1	393.8	640.0	882.1	1,413.6	2,004.0	3,442.0	5,351.7
1981	241.2	150.6	244.1	402.9	659.0	920.4	1,441.2	2,019.3	3,529.5	5,534.5
1980	249.7	151.3	253.8	416.8	663.1	983.1	1,517.8	2,241.2	3,582.0	5,796.5
1979	234.1	148.5	261.4	391.3	663.9	922.1	1,499.7	2,157.6	3,039.5	5,060.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
All races, both sexes										
1998	1.7	0.7	1.2	1.8	3.0	4.6	7.0	10.5	15.9	25.1
1997	1.8	0.9	1.2	2.0	3.0	4.7	7.4	11.5	16.6	26.6
1996	1.9	0.8	1.3	2.0	3.1	4.9	7.9	11.5	18.1	25.1
1995	1.9	0.8	1.3	2.3	3.3	4.9	8.4	12.8	18.3	26.4
1994	2.1	1.0	1.4	2.4	3.8	6.0	9.5	12.9	19.6	25.4
1993	2.2	1.0	1.6	2.8	3.8	6.5	9.9	14.2	20.6	29.2
1992	2.2	1.0	1.9	2.8	4.2	6.7	9.6	15.2	20.9	26.7
1991	2.4	1.2	1.7	2.8	4.8	6.9	10.6	16.3	22.2	29.0
1990	2.4	1.1	2.0	3.2	4.9	7.6	10.8	15.7	23.3	29.3
1989	2.5	1.3	1.9	3.2	4.9	7.6	11.5	17.0	23.4	27.9
1988	2.6	1.5	2.2	3.9	5.3	8.6	12.6	17.8	24.3	28.0
1987	2.6	1.6	2.3	3.6	5.8	9.2	12.7	18.2	22.6	26.6
1986	2.7	1.7	2.6	3.9	6.3	8.7	13.5	18.4	22.7	26.0
1985	2.8	1.7	3.1	4.5	6.2	9.1	14.1	18.5	23.6	24.9
1984	2.9	1.9	2.8	4.6	7.4	10.2	15.3	19.7	23.0	25.1
1983	2.9	2.4	3.5	5.1	7.5	10.4	14.5	18.5	22.9	25.8
1982	3.0	2.1	3.2	5.2	8.4	11.7	16.7	20.0	20.5	24.1
1981	3.2	2.6	3.6	6.0	8.1	12.6	17.5	20.4	22.0	24.3
1980	3.5	3.0	4.4	6.6	9.2	14.1	17.8	21.2	23.6	23.9
1979	3.5	3.1	4.6	6.6	9.7	13.8	19.0	20.6	20.6	25.2
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
All races, male										
1998	1.1	0.6	1.0	1.3	2.3	3.5	4.6	7.8	11.3	18.3
1997	1.2	0.6	1.0	1.8	2.1	3.1	5.7	8.6	13.3	21.3
1996	1.1	0.5	1.1	1.4	2.3	3.7	5.6	8.8	13.2	17.5
1995	1.2	0.5	0.9	1.8	2.5	3.3	5.9	8.6	14.3	21.4
1994	1.3	0.8	1.2	1.7	3.1	4.7	7.2	9.2	14.4	19.1
1993	1.4	0.7	1.1	2.2	3.1	5.2	6.9	10.9	15.0	24.5
1992	1.4	0.9	1.6	2.0	3.2	5.0	6.5	10.7	14.7	19.8
1991	1.4	0.9	1.2	2.3	3.7	5.0	7.8	11.0	15.9	22.6
1990	1.5	1.0	1.2	2.6	4.1	6.2	8.2	10.3	15.9	18.7
1989	1.6	1.1	1.4	2.7	4.0	5.7	8.5	12.4	16.3	20.2
1988	1.6	1.3	1.7	3.0	3.9	6.4	9.0	12.3	16.2	21.5
1987	1.6	1.1	1.5	3.1	4.6	6.8	9.0	13.0	15.0	16.8
1986	1.8	1.2	2.0	3.4	5.1	6.7	9.8	13.2	15.8	18.9
1985	1.9	1.3	2.6	3.6	5.0	7.3	10.6	13.8	16.4	18.0
1984	2.0	1.4	2.6	3.7	6.4	7.4	12.2	14.8	16.8	18.1
1983	1.9	1.7	2.7	4.0	6.1	8.3	9.7	12.5	17.1	18.2
1982	2.1	1.9	2.7	4.4	7.1	9.5	12.4	13.6	13.0	15.9
1981	2.2	2.1	3.1	4.9	6.3	9.9	13.1	15.8	16.7	18.4
1980	2.4	2.3	3.8	5.3	7.2	11.2	12.7	15.6	18.6	19.5
1979	2.4	2.4	3.9	5.9	7.6	10.1	14.1	15.7	16.4	15.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
All races, female										
1998	2.4	0.8	1.3	2.4	3.7	5.5	8.9	12.4	18.5	27.8
1997	2.5	1.1	1.5	2.1	3.8	6.1	8.8	13.6	18.6	28.7
1996	2.6	1.1	1.4	2.7	3.9	6.0	9.7	13.3	20.9	28.0
1995	2.7	1.1	1.6	2.6	4.1	6.3	10.3	15.6	20.5	28.3
1994	2.8	1.2	1.6	3.0	4.4	7.0	11.3	15.4	22.4	27.8
1993	3.0	1.3	2.0	3.2	4.5	7.5	12.2	16.4	23.6	31.0
1992	3.0	1.1	2.2	3.5	5.0	8.1	11.8	18.2	24.3	29.3
1991	3.2	1.5	2.3	3.3	5.8	8.4	12.7	19.8	25.6	31.4
1990	3.3	1.2	2.8	3.8	5.5	8.7	12.6	19.3	27.3	33.3
1989	3.3	1.6	2.4	3.6	5.6	9.1	13.8	20.0	27.2	30.8
1988	3.6	1.6	2.7	4.8	6.5	10.3	15.3	21.4	28.5	30.6
1987	3.6	2.0	3.0	4.1	6.8	11.2	15.4	21.5	26.6	30.5
1986	3.6	2.1	3.2	4.4	7.3	10.2	16.1	21.7	26.3	28.9
1985	3.6	2.0	3.5	5.4	7.2	10.6	16.5	21.5	27.3	27.6
1984	3.8	2.4	3.0	5.5	8.2	12.5	17.5	22.9	26.2	28.0
1983	3.9	3.0	4.3	6.1	8.6	12.1	18.0	22.3	25.9	28.9
1982	4.0	2.2	3.6	6.0	9.5	13.5	19.8	24.1	24.4	27.5
1981	4.2	3.0	4.2	6.9	9.7	14.8	20.7	23.3	24.8	26.7
1980	4.4	3.6	4.9	7.8	10.9	16.3	21.4	24.8	26.3	25.8
1979	4.5	3.7	5.2	7.3	11.5	16.7	22.5	23.8	22.9	29.5
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
White, both sexes										
1998	1.9	0.6	1.1	1.8	3.0	4.8	7.3	11.0	16.8	26.4
1997	2.0	0.8	1.1	1.9	3.0	5.0	7.8	12.2	17.6	28.3
1996	2.0	0.8	1.2	2.0	3.1	5.0	8.2	12.2	19.1	26.4
1995	2.1	0.7	1.1	2.2	3.3	5.1	8.7	13.4	19.4	28.2
1994	2.3	0.8	1.3	2.2	3.9	6.1	10.0	13.8	20.8	26.8
1993	2.4	0.9	1.5	2.7	4.0	6.7	10.4	14.9	21.3	30.8
1992	2.4	0.8	1.7	2.7	4.2	6.8	9.9	16.0	21.9	28.1
1991	2.6	1.0	1.6	2.9	4.9	7.1	11.0	16.9	23.4	30.5
1990	2.6	1.0	1.9	3.2	4.9	7.8	11.3	16.6	24.6	30.5
1989	2.7	1.2	1.8	3.1	4.9	7.7	11.9	17.9	24.6	29.4
1988	2.8	1.3	2.1	4.0	5.4	8.8	13.2	18.9	25.6	29.3
1987	2.9	1.5	2.3	3.6	6.0	9.6	13.5	19.2	23.8	28.1
1986	2.9	1.6	2.5	3.9	6.4	9.0	14.0	19.6	23.8	27.5
1985	3.0	1.6	2.9	4.5	6.4	9.4	14.9	19.7	24.8	25.7
1984	3.2	1.8	2.9	4.7	7.7	10.5	15.9	21.2	24.4	26.4
1983	3.2	2.3	3.6	5.1	7.8	11.0	15.2	19.5	24.2	26.9
1982	3.3	2.0	3.2	5.2	8.5	12.3	17.6	21.3	21.5	25.2
1981	3.5	2.5	3.7	6.1	8.3	13.3	18.5	21.5	23.0	25.4
1980	3.7	2.8	4.4	6.7	9.5	14.8	18.9	22.6	24.8	24.9
1979	3.7	2.9	4.6	6.8	10.1	14.6	20.1	21.6	21.7	26.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
White, male										
1998	1.2	0.6	0.9	1.2	2.3	3.6	4.8	8.2	11.9	19.4
1997	1.3	0.6	0.9	1.6	2.2	3.2	5.9	9.0	14.0	22.9
1996	1.2	0.5	1.1	1.4	2.3	3.6	5.6	9.3	13.9	18.4
1995	1.3	0.5	0.8	1.7	2.5	3.4	6.1	9.0	15.5	22.7
1994	1.4	0.7	1.2	1.7	3.2	4.6	7.5	9.7	15.2	20.4
1993	1.5	0.6	1.2	2.2	3.2	5.3	7.2	11.5	15.6	26.2
1992	1.5	0.8	1.5	2.1	3.2	5.1	6.7	11.0	15.2	21.0
1991	1.6	0.7	1.1	2.3	3.7	5.0	8.0	11.2	16.8	23.6
1990	1.6	0.9	1.2	2.7	4.0	6.5	8.7	10.7	16.8	19.2
1989	1.6	1.1	1.3	2.7	3.9	5.9	8.6	12.9	17.3	21.7
1988	1.7	1.3	1.6	3.1	4.0	6.5	9.3	12.9	17.1	22.2
1987	1.8	1.2	1.5	3.2	4.8	7.2	9.5	13.4	15.7	17.3
1986	1.9	1.2	2.0	3.4	5.1	7.0	10.2	13.9	16.6	19.9
1985	2.0	1.2	2.5	3.7	5.1	7.4	11.2	14.7	17.1	18.3
1984	2.1	1.3	2.7	3.8	6.6	7.6	12.7	15.9	17.7	19.1
1983	2.1	1.7	2.7	4.1	6.3	8.7	10.0	13.1	18.1	19.2
1982	2.2	1.9	2.8	4.4	7.2	9.8	12.9	14.3	13.9	16.9
1981	2.4	2.1	3.1	4.9	6.4	10.4	13.7	16.7	17.5	19.3
1980	2.6	2.3	3.8	5.4	7.4	11.7	13.4	16.8	19.5	20.6
1979	2.6	2.3	4.0	6.3	7.8	10.6	14.9	16.6	17.4	16.2
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
White, female										
1998	2.6	0.7	1.2	2.3	3.7	5.8	9.2	13.0	19.7	29.1
1997	2.8	0.9	1.4	2.1	3.8	6.6	9.2	14.4	19.6	30.4
1996	2.8	1.1	1.3	2.6	3.8	6.1	10.2	14.2	22.1	29.4
1995	2.9	0.9	1.4	2.5	4.0	6.5	10.7	16.5	21.5	30.2
1994	3.1	1.0	1.4	2.7	4.5	7.3	11.8	16.6	23.9	29.2
1993	3.3	1.2	1.9	3.1	4.7	7.8	12.9	17.2	24.5	32.6
1992	3.3	0.9	2.0	3.4	5.1	8.3	12.4	19.2	25.5	30.7
1991	3.5	1.3	2.1	3.4	5.9	8.8	13.2	20.7	26.8	33.1
1990	3.6	1.1	2.6	3.7	5.7	8.9	13.3	20.4	28.8	34.8
1989	3.6	1.4	2.3	3.5	5.8	9.3	14.4	21.0	28.5	32.3
1988	3.9	1.4	2.5	4.9	6.6	10.7	16.1	22.8	30.0	32.0
1987	3.9	1.8	3.0	4.0	7.0	11.6	16.4	22.9	28.0	32.3
1986	3.9	2.1	3.0	4.3	7.5	10.7	16.8	23.2	27.5	30.5
1985	4.0	1.9	3.3	5.3	7.5	11.1	17.6	22.8	28.9	28.6
1984	4.2	2.3	3.1	5.4	8.6	12.9	18.2	24.5	27.9	29.2
1983	4.3	2.9	4.4	6.0	9.1	12.9	19.0	23.5	27.4	30.1
1982	4.3	2.1	3.6	5.9	9.7	14.3	21.0	25.6	25.5	28.6
1981	4.5	2.9	4.2	7.1	10.0	15.6	22.0	24.5	25.9	28.0
1980	4.8	3.4	4.9	7.9	11.3	17.3	22.8	26.2	27.5	26.8
1979	4.8	3.6	5.2	7.2	12.1	17.9	23.8	24.8	23.9	30.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
All other, both sexes										
1998	0.9	1.3	1.6	2.4	3.3	3.5	4.8	5.6	6.2	12.8
1997	1.0	1.4	1.9	2.6	2.7	2.6	4.9	5.7	7.3	9.5
1996	1.0	1.1	1.8	2.4	3.4	4.8	5.6	5.0	7.7	12.1
1995	1.1	1.4	2.3	2.9	3.6	3.9	5.6	6.6	7.4	8.7
1994	1.1	2.0	1.9	3.2	3.1	5.2	5.5	4.1	6.8	11.0
1993	1.2	1.7	1.8	3.3	2.9	5.0	5.2	7.3	13.1	12.1
1992	1.3	2.0	2.8	3.2	3.7	5.8	6.1	8.4	10.9	12.3
1991	1.3	2.4	2.6	2.4	4.0	5.0	7.4	10.2	10.4	13.7
1990	1.3	1.6	2.6	3.4	5.0	5.6	5.7	7.5	9.3	16.1
1989	1.4	2.1	2.6	3.7	4.9	6.3	7.7	9.2	10.5	12.1
1988	1.4	2.3	3.2	3.2	4.4	6.1	6.8	7.3	10.3	14.9
1987	1.4	1.8	2.4	3.7	4.2	6.1	5.4	8.5	9.4	10.0
1986	1.6	1.8	3.0	4.2	5.5	5.3	8.3	6.9	10.4	10.0
1985	1.6	2.2	3.9	4.6	4.8	5.9	6.4	7.9	9.5	15.2
1984	1.6	2.7	2.2	4.5	4.7	7.4	9.6	5.7	7.3	11.5
1983	1.6	2.9	3.2	5.0	4.5	4.9	7.9	9.0	7.6	13.0
1982	1.6	2.5	2.9	5.1	6.9	6.2	7.8	8.2	9.1	11.5
1981	1.8	3.1	3.5	5.4	6.5	6.5	7.9	9.5	10.4	11.1
1980	2.0	3.8	4.2	5.7	6.5	7.4	7.3	7.7	10.5	11.7
1979	1.9	4.0	4.6	5.2	6.3	6.3	8.3	10.9	*	*
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
All other, male										
1998	0.6	*	*	*	*	*	*	*	*	*
1997	0.7	*	*	2.8	*	*	*	*	*	*
1996	0.7	*	*	*	*	4.3	5.8	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.8	1.8	*	*	*	5.2	*	*	*	*
1993	0.8	*	*	*	*	4.3	*	*	*	*
1992	0.9	2.0	*	*	*	4.4	*	*	*	*
1991	0.9	*	*	*	*	4.7	*	8.8	*	*
1990	0.9	*	*	*	5.2	*	*	*	*	*
1989	1.1	*	*	*	4.9	*	7.3	*	*	*
1988	1.1	*	*	*	*	5.0	*	*	*	*
1987	0.9	*	*	*	*	*	*	9.8	*	*
1986	1.2	*	*	*	5.0	*	6.6	*	*	*
1985	1.2	*	*	*	4.1	5.8	*	*	*	*
1984	1.1	*	*	*	*	5.0	6.8	*	*	*
1983	1.2	*	*	*	4.3	*	7.2	*	*	*
1982	1.3	*	*	3.7	5.9	6.1	7.3	*	*	*
1981	1.4	*	*	4.6	5.4	5.6	7.4	*	*	*
1980	1.6	*	4.0	5.1	5.4	6.2	*	*	*	*
1979	1.6	3.7	3.9	*	5.8	5.9	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
All other, female										
1998	1.3	1.6	1.9	3.2	4.0	4.2	6.7	6.5	*	14.8
1997	1.2	1.7	1.9	2.4	3.6	3.0	5.6	6.5	8.2	11.1
1996	1.3	1.4	2.2	3.3	4.5	5.2	5.4	5.8	8.8	13.1
1995	1.4	1.9	2.9	3.1	4.8	5.4	6.4	7.7	10.2	8.5
1994	1.4	2.3	2.6	4.6	3.8	5.2	6.6	*	*	13.0
1993	1.5	1.9	2.8	4.2	3.5	5.5	5.9	8.9	15.0	13.6
1992	1.6	2.1	3.5	4.5	4.4	6.8	7.1	9.0	11.5	14.3
1991	1.6	2.7	3.4	2.6	4.4	5.2	8.6	11.1	12.2	13.5
1990	1.7	*	4.0	4.5	4.8	7.1	7.2	8.3	11.0	17.3
1989	1.8	2.9	3.0	4.4	4.9	8.0	8.0	10.4	12.7	14.8
1988	1.7	2.7	3.6	4.2	5.5	6.9	7.5	7.8	11.8	14.8
1987	1.8	3.0	2.9	4.7	5.0	8.3	6.7	7.7	10.7	*
1986	1.9	*	3.9	5.1	5.9	6.6	9.5	7.1	12.2	*
1985	1.9	2.5	4.8	5.8	5.4	6.0	6.9	9.6	*	15.3
1984	2.0	3.2	*	6.1	5.4	9.3	11.5	6.6	*	*
1983	1.9	3.9	3.9	6.8	4.7	5.3	8.5	10.5	*	15.1
1982	2.0	3.0	3.3	6.3	7.7	6.3	8.2	8.8	*	*
1981	2.1	3.6	4.2	6.0	7.4	7.2	8.3	11.3	*	*
1980	2.4	5.1	4.4	6.3	7.5	8.3	8.4	9.9	*	*
1979	2.2	4.2	5.1	7.3	6.6	6.6	9.8	13.2	*	*
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
Black, both sexes										
1998	1.0	1.5	1.8	2.5	3.7	3.7	4.4	5.4	5.9	10.8
1997	1.0	1.8	2.3	2.9	3.0	2.5	4.2	5.5	*	8.1
1996	1.0	1.3	1.9	2.5	3.5	4.2	5.0	4.5	7.0	10.4
1995	1.1	1.6	2.6	2.7	3.6	3.9	5.0	6.4	7.0	*
1994	1.1	2.1	2.0	3.2	3.5	5.5	5.5	*	*	9.7
1993	1.3	2.2	2.3	4.0	2.6	4.7	4.8	6.7	10.2	12.0
1992	1.3	2.3	3.5	3.0	4.0	5.5	6.4	7.1	9.6	12.9
1991	1.3	2.7	3.0	2.5	4.5	4.7	5.6	9.4	8.1	14.4
1990	1.4	1.8	3.0	3.5	4.9	5.8	6.1	6.0	9.4	15.7
1989	1.5	2.2	2.6	4.1	4.7	5.9	6.9	9.2	10.6	11.4
1988	1.4	2.8	3.4	3.1	4.2	5.6	5.9	7.0	8.1	13.1
1987	1.4	2.0	2.7	3.7	4.4	6.2	4.6	6.9	9.1	*
1986	1.6	2.0	3.3	4.3	6.1	4.4	8.3	6.2	10.2	*
1985	1.7	2.2	4.4	4.9	5.2	5.7	6.0	7.7	9.0	11.8
1984	1.6	2.6	2.5	4.6	4.4	7.7	9.8	4.8	*	11.1
1983	1.7	3.3	3.2	5.0	4.7	4.9	7.6	8.7	*	11.4
1982	1.7	2.6	3.1	4.8	6.9	5.8	8.4	8.7	10.1	11.9
1981	1.8	3.3	3.4	5.5	6.5	5.9	7.6	9.2	*	*
1980	2.1	4.4	4.5	6.1	6.6	7.3	7.4	8.0	10.5	*
1979	2.0	4.3	5.2	5.3	6.1	6.5	7.2	10.6	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
Black, male										
1998	0.6	*	*	*	*	*	*	*	*	*
1997	0.7	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	0.8	*	*	*	*	5.8	*	*	*	*
1993	0.9	*	*	*	*	*	*	*	*	*
1992	0.9	*	*	*	*	*	*	*	*	*
1991	0.9	*	*	*	*	*	*	*	*	*
1990	1.0	*	*	*	5.5	*	*	*	*	*
1989	1.2	*	*	*	5.3	*	*	*	*	*
1988	1.1	*	*	*	*	*	*	*	*	*
1987	1.0	*	*	*	*	*	*	*	*	*
1986	1.3	*	*	*	5.8	*	*	*	*	*
1985	1.3	*	*	*	*	6.2	*	*	*	*
1984	1.2	*	*	*	*	*	*	*	*	*
1983	1.3	*	*	*	*	*	*	*	*	*
1982	1.2	*	*	*	5.5	*	*	*	*	*
1981	1.3	*	*	5.1	5.9	*	*	*	*	*
1980	1.6	*	4.1	4.9	*	6.3	*	*	*	*
1979	1.7	4.2	4.2	*	5.6	6.5	*	*	*	*
Acute rheumatic fever and chronic rheumatic heart diseases (390-398)										
Black, female										
1998	1.4	1.9	2.3	3.4	4.5	4.6	6.4	*	*	13.1
1997	1.2	2.3	*	*	4.0	*	4.9	7.1	*	10.3
1996	1.4	*	*	3.7	4.4	4.4	*	*	*	12.0
1995	1.4	2.2	3.1	*	4.5	5.0	5.7	8.7	9.1	*
1994	1.4	2.1	*	4.7	4.1	5.3	6.2	*	*	10.9
1993	1.6	2.6	3.3	4.8	*	5.7	5.8	8.0	11.5	12.9
1992	1.8	*	4.5	4.4	4.8	6.8	7.6	8.6	10.5	14.1
1991	1.7	3.2	3.7	*	4.8	5.2	6.0	10.7	*	13.7
1990	1.8	*	4.6	4.5	4.5	7.2	7.5	*	10.5	16.6
1989	1.8	2.9	*	4.8	4.3	7.1	6.8	10.0	13.0	13.7
1988	1.7	3.1	3.7	4.1	5.3	6.0	6.6	7.1	*	14.8
1987	1.8	3.5	3.2	4.9	5.3	8.2	5.6	6.9	*	*
1986	1.9	*	4.1	5.3	6.3	5.3	9.8	*	12.7	*
1985	2.0	*	5.4	6.0	5.8	5.4	6.7	9.5	*	*
1984	2.0	3.1	*	6.1	5.3	9.6	11.7	*	*	*
1983	2.0	4.6	4.2	6.5	4.6	5.7	8.3	10.0	*	*
1982	2.1	3.1	3.4	6.2	7.9	6.0	9.4	9.6	*	*
1981	2.1	3.6	4.5	5.9	7.0	6.9	7.9	11.5	*	*
1980	2.5	5.9	4.8	7.0	8.0	8.1	8.2	9.8	*	*
1979	2.3	4.4	6.0	7.3	6.4	6.4	8.3	12.3	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart disease (402)										
All races, both sexes										
1998	10.0	5.5	8.1	11.9	17.6	22.2	30.9	47.1	80.8	213.5
1997	9.8	5.3	8.2	11.4	16.0	21.1	31.1	47.3	78.4	212.5
1996	9.7	4.9	8.4	11.6	16.8	20.3	31.1	47.8	83.5	211.0
1995	9.4	5.1	7.7	10.9	16.3	22.1	30.1	46.8	81.8	201.2
1994	9.1	5.2	7.6	11.0	15.4	19.9	30.4	45.5	82.9	193.8
1993	8.9	4.4	7.6	11.0	15.3	20.9	30.6	47.1	81.6	184.8
1992	8.5	4.1	7.2	11.9	15.8	20.8	30.8	45.0	78.5	172.1
1991	8.4	4.5	6.8	11.0	15.5	20.6	30.2	47.6	80.1	172.3
1990	8.5	4.4	7.0	11.0	15.6	22.4	31.2	49.0	79.6	173.4
1989	8.5	4.7	7.1	11.7	16.0	22.4	31.2	51.1	81.0	167.6
1988	8.5	4.3	7.4	11.4	16.7	23.7	33.2	50.8	81.7	163.5
1987	8.5	4.4	7.8	11.5	17.4	24.0	34.9	50.5	84.3	160.3
1986	8.5	4.3	7.8	11.3	16.8	23.6	35.6	54.2	84.4	162.1
1985	8.8	4.5	7.8	11.9	17.6	25.0	36.6	55.2	89.5	166.0
1984	8.8	4.5	7.8	11.7	17.6	25.8	38.3	55.4	91.9	164.2
1983	9.0	4.8	7.6	12.5	18.7	26.1	41.0	58.1	94.1	163.8
1982	9.0	5.2	7.7	12.4	17.9	26.7	39.9	61.2	97.3	164.5
1981	9.1	5.2	8.3	13.0	18.7	26.9	41.2	60.8	97.3	168.7
1980	9.3	4.6	8.0	12.9	19.1	29.1	42.1	65.7	105.2	176.3
1979	9.3	5.3	8.6	13.2	19.7	29.7	43.6	64.9	103.7	170.3
Hypertensive heart disease (402)										
All races, male										
1998	8.8	7.7	11.2	16.3	23.4	27.4	36.7	49.8	76.4	161.7
1997	8.5	7.4	11.5	15.3	21.0	27.4	35.8	48.8	75.7	163.2
1996	8.4	6.6	11.6	16.2	21.7	26.1	36.3	50.4	77.6	164.4
1995	8.2	7.3	10.3	15.1	21.4	27.6	34.4	49.0	78.0	153.9
1994	7.8	7.2	10.3	14.3	20.3	24.5	34.8	47.7	79.3	142.1
1993	7.7	6.0	10.3	14.6	19.5	26.3	34.0	50.5	75.9	147.2
1992	7.4	5.4	9.5	15.3	20.2	25.7	34.9	46.4	74.3	126.7
1991	7.3	6.3	9.0	14.8	19.9	24.7	33.9	50.2	76.2	128.1
1990	7.3	5.5	9.2	14.6	19.6	27.0	34.7	49.6	77.0	129.1
1989	7.4	6.1	9.3	15.8	21.0	27.7	35.9	53.0	73.2	120.9
1988	7.4	5.5	10.0	15.0	20.9	29.2	38.4	51.6	74.6	122.5
1987	7.5	5.7	10.2	14.9	22.4	29.6	39.0	51.7	80.2	113.7
1986	7.4	5.7	9.7	15.1	20.7	28.9	40.4	54.7	76.0	109.8
1985	7.8	5.9	10.2	15.2	22.2	30.3	41.7	58.9	80.4	120.5
1984	7.8	5.9	10.2	15.6	22.3	30.1	43.5	57.4	81.1	122.8
1983	8.0	6.3	10.1	16.6	24.3	31.8	43.9	60.3	84.8	121.3
1982	7.9	6.7	9.9	15.8	22.4	31.9	44.1	62.9	86.0	124.0
1981	8.1	6.3	11.1	17.0	22.6	33.2	45.8	62.3	86.2	124.7
1980	8.1	5.6	9.9	16.7	24.2	33.8	46.0	64.9	88.9	123.1
1979	8.2	6.9	10.8	16.8	23.8	34.6	46.5	63.7	87.1	122.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart disease (402)										
All races, female										
1998	11.2	3.4	5.1	7.8	12.4	17.7	26.5	45.2	83.4	234.1
1997	10.9	3.3	5.1	7.7	11.5	15.8	27.5	46.3	80.0	231.8
1996	10.9	3.2	5.4	7.5	12.4	15.4	27.2	46.0	86.8	229.0
1995	10.6	2.9	5.1	7.0	11.7	17.6	26.8	45.4	83.9	219.4
1994	10.3	3.3	5.0	8.0	11.1	16.1	27.1	44.0	84.9	213.6
1993	10.0	2.8	5.1	7.6	11.5	16.4	28.1	44.8	84.8	199.2
1992	9.6	2.8	5.1	8.6	12.0	16.9	27.6	44.1	80.7	189.4
1991	9.5	2.8	4.8	7.4	11.7	17.3	27.4	46.0	82.3	189.2
1990	9.6	3.3	5.0	7.6	12.2	18.7	28.6	48.5	81.0	190.5
1989	9.5	3.2	4.9	7.9	11.8	18.0	27.8	49.8	85.2	185.7
1988	9.5	3.1	5.1	8.2	13.2	19.3	29.5	50.4	85.5	179.5
1987	9.5	3.1	5.5	8.3	13.1	19.5	31.8	49.8	86.5	178.7
1986	9.6	3.0	5.9	7.8	13.4	19.4	32.2	53.9	88.8	182.9
1985	9.7	3.2	5.6	8.9	13.6	20.7	32.9	52.9	94.3	184.1
1984	9.8	3.1	5.5	8.3	13.4	22.3	34.6	54.2	97.6	181.0
1983	9.9	3.3	5.2	8.9	13.9	21.5	39.0	56.7	99.1	181.2
1982	10.0	3.8	5.6	9.3	14.0	22.6	36.8	60.1	103.3	181.4
1981	10.0	4.2	5.7	9.4	15.3	21.9	38.0	59.8	103.2	187.3
1980	10.5	3.6	6.3	9.6	14.6	25.3	39.3	66.2	113.9	199.5
1979	10.5	3.8	6.6	9.9	16.2	25.7	41.4	65.7	112.7	191.5
Hypertensive heart disease (402)										
White, both sexes										
1998	8.8	3.5	5.3	7.9	12.0	16.3	24.0	39.1	71.5	200.8
1997	8.6	3.3	5.4	7.5	10.8	15.1	24.1	39.8	69.6	200.8
1996	8.6	3.0	5.4	8.0	12.0	15.4	24.2	39.9	74.1	198.7
1995	8.2	3.1	4.7	7.3	10.8	16.6	24.0	39.3	71.7	188.6
1994	8.0	2.8	4.8	7.1	10.5	14.7	24.3	37.9	73.4	183.0
1993	7.7	2.5	4.5	7.0	10.8	15.2	23.7	39.6	71.1	173.5
1992	7.3	2.3	4.3	7.4	10.9	15.3	24.6	37.6	68.9	160.5
1991	7.3	2.4	4.2	7.0	11.0	15.1	23.7	39.5	71.0	161.2
1990	7.3	2.3	4.1	7.2	10.5	16.6	23.5	41.4	71.5	162.9
1989	7.2	2.4	4.1	7.3	10.9	16.6	24.4	42.5	72.3	156.7
1988	7.2	2.3	4.4	7.4	11.5	17.9	26.2	42.2	71.7	153.0
1987	7.4	2.7	4.4	7.8	12.3	18.4	27.9	43.3	75.9	151.3
1986	7.4	2.2	4.5	7.5	11.9	18.4	28.5	45.9	75.6	154.3
1985	7.6	2.5	4.7	8.0	12.4	19.4	29.6	46.7	79.5	158.7
1984	7.6	2.4	4.6	7.5	12.6	20.1	31.2	48.3	82.8	157.0
1983	7.8	2.6	4.5	8.6	13.7	20.7	32.3	50.8	84.0	157.1
1982	7.8	2.8	4.8	8.2	13.2	21.5	31.7	53.9	87.3	157.4
1981	7.9	2.8	5.1	8.9	14.0	21.3	34.2	53.5	88.3	161.0
1980	8.0	2.4	4.9	8.9	14.1	22.6	34.8	57.2	97.1	168.2
1979	8.0	3.0	5.3	8.8	14.6	23.3	35.4	56.6	95.3	163.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart disease (402)										
White, male										
1998	7.4	5.4	7.8	11.5	16.9	20.3	29.3	41.1	65.5	147.1
1997	7.2	5.0	7.9	10.6	15.0	20.5	27.9	41.1	68.3	148.4
1996	7.1	4.4	8.0	11.5	16.2	20.4	28.4	41.0	68.3	147.0
1995	6.8	4.8	6.7	10.6	14.9	21.2	27.8	40.6	68.4	139.6
1994	6.5	4.4	7.3	9.7	14.5	18.6	28.1	39.4	70.0	131.6
1993	6.4	3.7	6.6	10.3	14.3	19.6	26.7	42.1	66.3	131.6
1992	6.0	3.3	6.1	10.5	14.6	19.6	28.4	39.1	63.4	110.4
1991	6.0	3.8	5.8	9.9	14.4	18.9	27.3	42.2	66.6	114.7
1990	5.9	3.1	5.8	10.1	14.0	20.5	27.0	42.7	66.1	116.6
1989	6.0	3.4	5.7	10.4	14.7	21.5	28.2	44.4	64.7	107.3
1988	6.1	3.3	6.6	10.2	14.8	22.7	30.8	43.1	64.6	108.6
1987	6.2	3.9	6.1	10.3	16.6	23.5	32.3	44.7	70.3	103.5
1986	6.1	3.2	5.8	11.2	15.3	22.6	33.8	45.7	66.7	99.0
1985	6.4	3.5	6.7	11.1	16.2	23.9	34.2	50.2	69.9	110.3
1984	6.4	3.5	6.6	10.6	16.6	24.4	35.4	50.5	71.8	115.0
1983	6.6	3.9	6.5	11.8	18.6	26.3	34.5	52.8	73.6	111.3
1982	6.6	3.9	6.7	11.2	16.9	26.0	35.7	55.5	74.7	115.5
1981	6.7	3.7	7.4	12.3	17.4	26.8	37.9	55.0	77.5	114.1
1980	6.7	3.3	6.5	11.9	18.3	26.5	39.4	56.8	80.5	117.9
1979	6.7	4.2	7.1	11.7	18.7	28.0	37.8	55.0	75.9	114.3
Hypertensive heart disease (402)										
White, female										
1998	10.3	1.6	3.0	4.4	7.5	12.9	19.8	37.7	75.0	222.1
1997	10.0	1.6	3.0	4.4	7.0	10.4	21.1	38.9	70.4	221.2
1996	10.1	1.6	3.0	4.7	8.2	11.2	20.9	39.1	77.4	218.5
1995	9.6	1.4	2.7	4.2	7.0	12.6	21.1	38.4	73.5	207.3
1994	9.4	1.3	2.4	4.7	7.0	11.4	21.4	36.9	75.3	202.4
1993	9.0	1.3	2.5	3.9	7.5	11.5	21.4	37.9	73.7	189.4
1992	8.6	1.2	2.6	4.5	7.5	11.7	21.7	36.7	71.8	179.4
1991	8.5	1.1	2.7	4.2	7.9	11.9	21.0	37.7	73.4	178.8
1990	8.5	1.5	2.5	4.4	7.4	13.5	20.8	40.5	74.3	180.5
1989	8.4	1.4	2.5	4.5	7.5	12.6	21.5	41.2	76.3	175.7
1988	8.4	1.3	2.3	4.9	8.6	14.0	22.9	41.7	75.4	170.0
1987	8.5	1.5	2.7	5.5	8.5	14.1	24.7	42.4	78.8	169.9
1986	8.6	1.1	3.3	4.2	8.9	14.9	24.6	46.1	80.2	175.9
1985	8.7	1.5	2.8	5.3	9.0	15.8	26.3	44.6	84.5	177.6
1984	8.7	1.2	2.8	4.7	9.2	16.5	28.1	46.9	88.5	173.7
1983	8.8	1.4	2.6	5.7	9.3	16.2	30.8	49.5	89.5	175.5
1982	8.9	1.8	3.0	5.5	10.0	17.9	28.8	53.0	93.9	174.5
1981	8.9	2.0	3.0	5.9	10.9	16.9	31.5	52.5	93.9	180.7
1980	9.3	1.5	3.3	6.1	10.4	19.4	31.5	57.4	105.8	189.9
1979	9.3	1.9	3.6	6.2	11.0	19.5	33.7	57.7	105.5	184.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart disease (402)										
All other, both sexes										
1998	15.6	16.2	24.0	36.2	52.5	62.1	87.2	118.6	174.4	337.6
1997	15.0	15.9	25.2	34.7	48.5	63.8	89.1	115.6	166.3	327.6
1996	14.9	15.6	25.9	33.6	47.5	55.4	90.3	120.4	178.4	333.2
1995	14.9	16.3	25.8	32.9	52.0	63.1	83.2	116.9	184.3	326.7
1994	14.6	19.0	24.3	35.5	48.0	59.7	83.8	117.5	178.2	303.7
1993	14.7	15.8	27.0	36.0	46.4	65.5	91.1	118.7	188.6	300.9
1992	14.5	15.3	24.7	40.6	50.9	65.1	86.1	114.7	178.1	291.8
1991	14.4	17.2	23.0	37.2	49.0	65.3	88.6	125.7	174.4	288.3
1990	14.8	17.2	25.2	36.6	54.4	70.4	101.7	120.4	163.7	284.5
1989	15.2	18.7	25.8	41.2	55.8	70.6	93.7	132.2	171.9	282.8
1988	15.3	16.6	27.0	39.4	57.8	73.2	97.5	132.4	188.1	275.0
1987	14.8	14.6	29.7	37.9	58.4	73.2	98.5	119.6	174.4	257.1
1986	15.1	17.5	29.2	39.0	57.0	69.6	101.2	133.1	178.5	246.8
1985	15.5	17.2	29.1	41.3	61.6	73.4	100.8	136.5	198.6	245.7
1984	15.6	18.0	29.4	44.7	59.6	76.1	104.8	124.3	192.7	242.9
1983	16.1	18.8	29.4	43.5	62.6	73.1	121.9	128.7	207.3	238.0
1982	16.0	20.6	28.5	45.7	59.2	72.7	116.4	131.7	210.7	244.0
1981	16.2	21.4	31.9	46.4	61.0	76.1	108.2	131.9	201.7	255.8
1980	17.1	19.6	32.1	47.3	63.9	86.7	111.6	149.7	201.1	269.2
1979	17.8	21.4	35.3	50.3	67.0	86.1	123.7	146.1	203.6	254.0
Hypertensive heart disease (402)										
All other, male										
1998	15.8	20.8	32.7	47.1	66.4	80.3	101.8	132.1	192.6	298.4
1997	15.1	21.0	34.5	45.1	61.7	80.7	106.3	123.4	153.6	300.8
1996	15.1	20.2	34.2	46.3	59.6	70.6	108.3	142.0	175.5	324.9
1995	14.9	22.5	34.0	44.3	67.2	78.4	96.4	131.6	178.6	285.9
1994	14.3	24.6	29.4	45.5	62.5	72.4	97.9	131.1	174.1	239.8
1993	14.5	21.3	35.0	43.7	58.5	82.2	102.0	134.8	172.7	292.4
1992	14.2	18.9	31.0	49.1	63.3	77.3	97.2	118.8	185.4	277.8
1991	14.1	22.4	30.0	49.2	64.2	74.1	97.1	130.2	172.8	253.7
1990	14.4	21.2	31.7	47.2	65.5	84.1	108.9	116.6	185.2	245.7
1989	15.2	24.3	33.6	55.3	73.4	83.0	109.5	135.6	157.0	246.9
1988	15.0	19.9	33.3	51.3	71.8	87.6	111.3	132.4	174.4	250.6
1987	14.6	17.6	38.3	50.8	71.6	85.1	103.3	118.6	179.5	209.1
1986	14.7	21.7	37.7	46.7	67.8	86.7	103.3	139.5	169.4	210.7
1985	15.5	21.7	36.1	48.9	75.8	88.6	112.7	139.8	187.5	216.4
1984	15.5	22.5	37.2	56.5	74.3	82.9	120.6	121.8	175.2	195.8
1983	16.2	23.0	37.8	56.8	76.4	82.2	131.7	129.9	200.0	217.4
1982	16.0	26.3	35.1	54.5	73.5	85.3	122.5	131.9	204.3	206.0
1981	16.2	25.3	40.8	57.8	71.1	90.8	119.1	129.6	176.9	229.7
1980	16.5	22.8	38.1	59.0	79.6	100.4	107.5	141.2	178.8	176.1
1979	17.6	27.0	43.0	62.4	72.5	94.3	129.2	141.3	205.8	211.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart disease (402)										
All other, female										
1998	15.4	12.2	16.6	27.0	41.4	48.4	77.2	110.0	164.7	354.0
1997	15.0	11.5	17.3	26.0	38.0	51.2	77.3	110.6	173.0	338.9
1996	14.7	11.6	18.8	22.9	38.0	44.1	77.9	106.8	179.9	336.6
1995	14.9	11.1	18.7	23.5	40.0	51.8	74.2	107.7	187.3	344.1
1994	14.9	14.2	19.9	27.4	36.7	50.3	74.1	109.1	180.4	331.2
1993	14.8	11.0	20.1	29.7	36.9	53.1	83.7	108.9	197.3	304.6
1992	14.7	12.2	19.2	33.8	41.3	56.1	78.4	112.2	174.1	297.9
1991	14.7	12.6	17.0	27.4	37.4	58.8	82.8	122.9	175.3	303.6
1990	15.1	13.7	19.8	28.0	46.0	60.3	96.8	122.8	151.5	302.1
1989	15.1	13.8	19.3	29.8	42.3	61.3	82.9	130.1	181.1	297.7
1988	15.6	13.8	21.7	29.8	47.0	62.6	88.1	132.0	195.1	286.4
1987	15.0	12.0	22.5	27.5	48.2	64.3	95.3	120.2	171.4	279.8
1986	15.4	13.9	22.2	32.8	48.7	56.8	99.8	129.3	183.6	264.1
1985	15.6	13.4	23.3	35.1	50.5	61.9	92.4	134.4	205.0	260.0
1984	15.7	14.2	23.0	35.1	48.1	71.0	93.9	126.0	202.9	266.2
1983	15.9	15.1	22.6	32.8	51.8	66.3	115.2	127.9	211.5	248.2
1982	16.1	15.7	23.1	38.5	47.9	63.2	111.7	131.6	215.9	263.2
1981	16.2	18.0	24.7	37.0	52.8	65.0	100.0	133.5	216.7	266.9
1980	17.6	16.9	27.2	37.7	51.3	76.2	114.6	155.5	214.8	316.9
1979	17.9	16.8	29.1	40.2	62.6	79.8	119.3	148.4	202.2	278.1
Hypertensive heart disease (402)										
Black, both sexes										
1998	20.1	22.3	32.7	48.7	69.2	79.9	107.1	147.3	205.8	369.5
1997	19.2	21.3	34.4	45.8	62.3	81.6	108.9	137.0	191.5	355.6
1996	19.1	21.1	35.0	44.2	61.5	69.8	113.2	143.1	208.1	364.7
1995	18.9	22.1	34.6	42.9	66.0	79.0	102.5	138.4	208.7	349.2
1994	18.5	25.9	32.0	46.1	60.8	74.9	101.7	136.9	200.6	331.7
1993	18.6	21.7	35.5	46.2	58.2	80.6	110.0	138.1	213.8	324.2
1992	18.3	20.6	32.4	51.8	64.5	79.7	103.0	132.6	200.5	314.4
1991	18.0	23.1	30.1	47.7	59.6	79.6	106.0	145.1	191.0	301.8
1990	18.5	22.8	32.6	46.3	67.1	83.6	121.3	137.1	181.4	309.0
1989	18.8	24.5	33.0	51.5	68.5	84.8	110.2	149.5	190.8	300.9
1988	18.9	21.7	34.4	49.1	69.5	86.5	113.8	147.4	207.0	300.0
1987	18.0	18.3	36.7	45.9	70.2	85.5	112.8	134.3	192.0	268.3
1986	18.4	22.0	36.2	47.6	68.8	81.6	116.1	149.7	195.7	264.2
1985	18.7	21.2	36.0	49.3	73.4	85.4	113.6	151.2	214.3	260.0
1984	18.7	22.3	35.5	52.9	70.6	87.2	118.6	138.3	212.7	265.3
1983	19.2	22.8	35.1	51.3	73.3	84.2	138.0	144.0	227.8	255.4
1982	18.9	25.1	34.1	53.8	67.5	82.3	129.8	145.8	230.3	261.4
1981	19.0	25.6	37.9	54.1	69.9	85.9	120.5	144.8	220.6	278.0
1980	19.6	23.2	37.1	54.2	72.5	96.3	122.8	162.1	215.8	291.1
1979	20.2	24.8	41.0	56.9	74.3	94.2	135.0	158.3	218.4	266.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart disease (402)										
Black, male										
1998	20.5	28.5	44.3	64.7	89.0	104.1	127.5	169.0	236.2	343.2
1997	19.2	27.9	47.1	60.1	79.3	103.3	131.4	147.9	180.4	333.4
1996	19.4	27.3	46.7	61.0	78.1	87.7	137.6	173.4	214.8	359.1
1995	18.9	30.6	45.8	58.1	85.5	97.7	120.6	160.1	211.0	301.8
1994	18.1	33.5	39.3	59.7	78.5	89.3	120.4	156.9	205.4	264.7
1993	18.4	29.6	45.8	57.1	73.9	100.1	125.7	158.7	199.3	330.9
1992	18.0	26.0	41.2	63.0	80.0	94.4	117.2	140.2	210.1	302.7
1991	17.8	30.7	39.9	62.8	78.9	91.5	118.9	155.5	196.4	272.5
1990	18.1	28.4	41.3	60.4	80.6	100.9	132.4	135.4	209.5	277.7
1989	18.9	32.0	42.8	69.3	89.5	101.1	130.2	152.2	181.4	265.2
1988	18.5	26.1	42.8	63.7	85.9	104.0	130.4	152.5	198.9	278.5
1987	17.8	22.3	47.5	61.5	87.1	100.0	117.7	134.9	200.0	226.6
1986	18.0	27.6	47.6	57.3	82.7	102.9	120.6	157.0	193.3	225.4
1985	18.6	27.1	44.9	58.3	91.5	103.2	127.2	157.6	197.7	225.8
1984	18.6	28.0	44.9	66.6	87.7	95.5	136.7	135.3	194.0	226.2
1983	19.3	28.1	44.8	67.0	89.3	95.8	151.6	147.9	222.0	233.3
1982	18.8	32.9	41.9	64.0	84.6	95.8	138.8	146.0	218.8	227.6
1981	19.1	30.5	48.5	68.2	81.9	102.4	134.7	142.4	193.5	251.8
1980	19.0	27.2	44.0	67.7	90.9	111.6	119.8	156.3	189.3	196.2
1979	19.9	31.1	49.6	70.2	80.6	104.1	142.0	155.9	224.7	225.0
Hypertensive heart disease (402)										
Black, female										
1998	19.8	17.0	22.9	35.7	53.8	62.0	93.6	134.1	191.0	379.4
1997	19.1	15.7	23.8	34.3	49.0	65.6	94.1	130.4	196.9	364.0
1996	18.8	15.8	25.2	30.7	48.5	56.5	97.1	125.0	204.8	366.9
1995	18.9	14.9	25.3	30.6	51.0	65.0	90.6	125.5	207.6	367.5
1994	18.9	19.6	25.8	35.2	47.0	64.2	89.5	125.1	198.3	357.9
1993	18.7	15.0	26.9	37.4	46.2	66.3	99.6	126.2	221.1	321.6
1992	18.6	16.0	25.2	42.9	52.6	69.0	93.6	128.2	195.7	319.1
1991	18.2	16.7	22.1	35.7	44.9	70.9	97.6	139.1	188.3	313.8
1990	18.9	18.1	25.5	35.1	56.9	71.1	114.0	138.1	166.9	322.3
1989	18.8	18.1	24.9	37.4	52.5	73.0	97.4	147.8	195.7	318.3
1988	19.3	18.0	27.4	37.5	57.1	73.8	102.6	144.3	211.2	309.4
1987	18.2	15.0	27.8	33.4	57.3	75.0	109.3	133.9	187.7	286.8
1986	18.7	17.3	26.9	39.9	58.2	66.0	112.8	145.2	197.0	281.9
1985	18.8	16.4	28.7	42.0	59.4	72.3	104.6	147.3	223.4	275.9
1984	18.8	17.5	27.6	41.6	57.3	81.0	106.5	140.2	223.0	283.7
1983	19.0	18.3	27.1	38.5	60.9	75.6	129.2	140.9	231.0	266.1
1982	18.9	18.8	27.7	45.5	54.0	72.4	123.6	146.2	237.0	278.0
1981	19.0	21.4	29.2	42.6	60.4	73.8	110.5	146.3	236.4	288.5
1980	20.2	19.8	31.4	43.2	57.9	84.9	124.9	166.0	231.7	338.5
1979	20.4	19.7	33.9	46.0	69.2	86.7	129.9	159.3	214.5	286.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart and renal disease (404)										
All races, both sexes										
1998	0.9	0.3	0.4	0.5	0.9	1.7	2.8	5.0	9.8	20.2
1997	0.9	0.2	0.3	0.7	0.9	1.5	2.9	5.4	9.5	22.0
1996	0.9	0.3	0.3	0.7	1.2	1.6	2.8	5.7	9.3	23.6
1995	0.9	0.3	0.4	0.6	1.2	1.6	3.0	6.0	10.3	22.8
1994	0.9	0.3	0.4	0.7	1.1	2.0	3.1	5.7	10.8	22.7
1993	0.9	0.2	0.4	0.7	1.1	1.7	3.4	5.4	11.6	23.0
1992	1.0	0.2	0.3	0.9	1.3	1.9	3.3	5.7	11.5	24.4
1991	1.0	0.3	0.4	0.6	1.1	2.0	3.5	6.3	10.8	24.0
1990	1.0	0.2	0.5	0.8	1.2	2.3	3.4	5.7	11.9	22.6
1989	1.0	0.2	0.4	0.6	1.3	1.9	3.6	7.1	11.2	24.8
1988	1.0	0.2	0.3	0.7	1.4	2.1	3.3	7.0	12.6	25.9
1987	1.0	0.2	0.4	0.7	1.3	2.0	4.0	7.3	12.5	27.8
1986	1.0	*	0.4	0.6	1.3	2.3	4.1	6.8	12.4	29.3
1985	1.2	0.3	0.5	0.8	1.5	2.2	4.4	8.4	15.8	32.8
1984	1.2	0.2	0.4	0.7	1.1	2.9	4.7	8.6	16.9	35.0
1983	1.3	0.2	0.4	0.8	1.5	2.8	4.9	9.5	18.1	40.3
1982	1.3	0.2	0.4	0.8	1.4	2.6	5.1	10.2	17.9	40.7
1981	1.5	0.3	0.5	1.1	1.4	3.1	5.9	11.2	20.7	44.7
1980	1.6	0.4	0.6	1.1	1.9	3.6	6.6	12.7	22.8	53.1
1979	1.6	0.3	0.6	1.1	1.7	3.8	6.9	13.1	22.9	50.9
Hypertensive heart and renal disease (404)										
All races, male										
1998	0.7	0.4	0.5	0.7	1.1	2.1	2.8	5.5	9.6	21.3
1997	0.8	0.3	0.4	0.8	1.0	1.7	3.3	6.6	10.5	24.3
1996	0.8	0.4	0.4	0.7	1.4	1.5	2.5	6.0	10.8	24.6
1995	0.8	0.3	0.5	0.5	1.2	1.6	3.1	6.7	10.6	26.3
1994	0.8	0.4	0.6	0.8	1.1	2.1	3.4	7.2	12.2	24.6
1993	0.8	*	0.5	0.8	1.1	1.8	3.7	6.3	13.0	25.5
1992	0.8	0.4	0.4	1.0	1.3	1.8	3.5	6.3	12.5	29.9
1991	0.8	0.4	0.4	0.8	1.1	2.1	3.6	7.4	11.3	26.7
1990	0.8	0.3	0.6	0.9	1.2	2.6	3.4	5.9	12.5	25.2
1989	0.8	*	0.5	0.7	1.3	1.8	3.9	7.6	12.4	25.3
1988	0.8	*	*	0.8	1.3	2.2	3.6	7.7	13.8	29.1
1987	0.8	0.3	0.6	1.0	1.3	2.2	4.0	8.1	13.3	26.2
1986	0.9	*	0.5	0.6	1.4	2.7	4.9	7.9	14.9	26.2
1985	1.0	0.4	0.6	0.9	1.6	2.7	5.1	10.2	18.0	32.6
1984	1.0	*	0.6	1.0	1.1	3.5	5.1	9.6	19.6	33.3
1983	1.1	*	0.4	0.9	1.6	3.3	5.6	10.8	18.5	40.7
1982	1.1	*	0.4	1.0	1.6	2.4	5.7	12.7	17.6	42.7
1981	1.2	*	0.6	1.1	1.6	3.5	6.8	12.2	22.5	44.8
1980	1.4	*	0.6	1.3	2.0	3.7	7.6	13.7	23.6	57.2
1979	1.4	*	0.6	1.1	1.9	4.2	7.7	15.8	24.3	53.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart and renal disease (404)										
All races, female										
1998	1.0	*	0.2	0.4	0.8	1.4	2.8	4.7	10.0	19.8
1997	1.0	*	*	0.5	0.8	1.3	2.6	4.5	9.0	21.1
1996	1.1	*	*	0.7	1.1	1.6	3.0	5.5	8.4	23.2
1995	1.1	0.2	0.3	0.7	1.2	1.5	2.9	5.5	10.2	21.5
1994	1.1	*	0.3	0.6	1.1	1.9	2.8	4.7	10.0	22.0
1993	1.1	*	*	0.6	1.2	1.7	3.2	4.8	10.9	22.0
1992	1.1	*	0.3	0.8	1.3	2.0	3.2	5.3	11.0	22.3
1991	1.1	*	0.4	0.5	1.2	1.9	3.5	5.6	10.6	23.0
1990	1.1	*	0.4	0.7	1.2	2.0	3.4	5.6	11.6	21.6
1989	1.1	*	*	0.5	1.2	1.9	3.4	6.7	10.6	24.6
1988	1.2	*	*	0.6	1.4	2.0	3.1	6.5	11.9	24.7
1987	1.2	*	*	0.5	1.3	1.8	4.0	6.8	12.0	28.4
1986	1.2	*	*	0.6	1.3	1.9	3.5	6.1	11.1	30.6
1985	1.3	*	0.4	0.7	1.3	1.9	4.0	7.3	14.7	32.9
1984	1.4	*	*	0.5	1.1	2.4	4.3	8.0	15.4	35.6
1983	1.5	*	0.4	0.7	1.5	2.5	4.4	8.7	17.9	40.1
1982	1.5	*	*	0.7	1.2	2.7	4.6	8.6	18.1	39.9
1981	1.7	*	0.5	1.0	1.1	2.8	5.3	10.5	19.8	44.7
1980	1.9	0.4	0.6	0.9	1.8	3.5	5.9	12.0	22.3	51.3
1979	1.9	*	0.5	1.0	1.6	3.4	6.4	11.4	22.1	49.8
Hypertensive heart and renal disease (404)										
White, both sexes										
1998	0.7	*	0.2	*	0.4	1.1	2.0	3.8	8.4	18.1
1997	0.8	*	*	0.3	0.5	1.0	2.2	4.4	8.1	19.6
1996	0.8	0.1	*	0.4	0.7	1.0	2.0	4.1	8.1	21.5
1995	0.8	*	*	0.3	0.7	1.1	2.2	5.0	9.0	20.2
1994	0.8	*	*	0.2	0.7	1.4	2.2	4.7	9.2	20.6
1993	0.8	*	*	0.4	0.8	1.3	2.5	4.3	9.8	20.9
1992	0.8	*	*	0.4	0.7	1.2	2.5	4.6	10.2	21.8
1991	0.8	*	*	0.3	0.7	1.3	2.4	5.0	9.1	22.5
1990	0.8	*	*	0.4	0.7	1.6	2.6	4.5	10.2	20.3
1989	0.8	*	*	0.3	0.8	1.2	2.7	5.9	9.1	22.7
1988	0.9	*	*	0.4	0.9	1.5	2.4	5.6	10.6	24.6
1987	0.9	*	*	0.4	0.7	1.3	3.1	6.1	10.7	26.1
1986	0.9	*	*	0.4	0.9	1.4	3.1	5.8	10.8	27.7
1985	1.0	*	*	0.5	0.9	1.5	3.5	7.3	14.3	30.5
1984	1.1	*	*	0.4	0.7	2.1	3.3	7.1	15.2	33.9
1983	1.2	*	*	0.4	1.0	1.9	3.9	8.2	16.5	38.9
1982	1.2	*	*	0.5	0.9	1.9	3.9	8.8	16.5	39.9
1981	1.3	*	0.3	0.6	0.9	2.4	4.7	10.0	19.5	44.2
1980	1.5	*	0.3	0.7	1.3	2.6	5.1	10.7	21.4	53.1
1979	1.5	*	0.2	0.6	1.2	2.7	5.8	11.8	21.7	50.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart and renal disease (404)										
White, male										
1998	0.6	*	*	*	0.6	1.5	2.1	4.2	8.5	20.0
1997	0.7	*	*	0.4	0.6	1.2	2.5	5.8	9.2	21.9
1996	0.6	*	*	*	0.8	1.0	1.9	4.6	9.7	22.5
1995	0.6	*	*	*	0.7	1.2	2.3	5.8	9.5	23.6
1994	0.7	*	*	*	0.7	1.6	2.6	6.3	10.9	22.3
1993	0.7	*	*	*	0.8	1.5	2.8	5.3	11.7	23.7
1992	0.7	*	*	*	0.8	1.2	2.8	5.0	11.3	26.7
1991	0.7	*	*	0.5	0.8	1.4	2.4	6.0	10.2	25.1
1990	0.6	*	*	*	0.7	1.9	2.8	4.4	11.0	23.6
1989	0.6	*	*	*	1.0	1.4	3.1	6.1	9.6	24.4
1988	0.7	*	*	*	0.9	1.7	2.5	6.7	12.0	26.8
1987	0.7	*	*	0.5	0.7	1.5	3.2	6.7	11.2	24.3
1986	0.7	*	*	*	1.0	1.8	3.9	7.0	12.8	24.3
1985	0.9	*	*	0.5	1.1	2.0	4.5	9.2	15.9	31.5
1984	0.9	*	*	0.6	0.8	2.8	3.8	8.1	17.6	31.9
1983	0.9	*	*	0.5	1.1	2.3	4.8	9.7	17.3	39.1
1982	1.0	*	*	0.7	1.1	1.8	5.0	11.0	16.8	42.6
1981	1.1	*	0.4	0.7	1.1	3.1	5.4	11.2	21.9	43.8
1980	1.2	*	*	1.0	1.6	3.1	6.3	11.9	22.6	55.9
1979	1.2	*	*	0.7	1.2	3.2	6.8	14.6	23.5	52.4
Hypertensive heart and renal disease (404)										
White, female										
1998	0.9	*	*	*	*	0.8	2.0	3.5	8.3	17.3
1997	0.9	*	*	*	0.5	0.8	1.9	3.5	7.5	18.6
1996	0.9	*	*	*	0.7	1.1	2.1	3.7	7.2	21.2
1995	0.9	*	*	*	0.7	1.0	2.1	4.5	8.7	18.9
1994	0.9	*	*	*	0.6	1.3	2.0	3.6	8.2	20.0
1993	0.9	*	*	*	0.7	1.1	2.3	3.6	8.7	19.8
1992	1.0	*	*	*	0.6	1.3	2.3	4.2	9.6	20.0
1991	1.0	*	*	*	0.6	1.2	2.5	4.4	8.5	21.6
1990	0.9	*	*	*	0.8	1.4	2.4	4.6	9.7	19.1
1989	1.0	*	*	*	0.6	1.1	2.4	5.8	8.8	22.1
1988	1.0	*	*	0.5	0.8	1.4	2.3	4.8	9.9	23.8
1987	1.1	*	*	*	0.7	1.1	3.0	5.8	10.5	26.7
1986	1.1	*	*	*	0.7	1.1	2.5	4.9	9.7	29.0
1985	1.2	*	*	0.4	0.8	1.2	2.7	6.2	13.5	30.1
1984	1.3	*	*	*	0.6	1.6	3.0	6.5	13.9	34.8
1983	1.4	*	*	0.4	0.8	1.6	3.3	7.3	16.0	38.9
1982	1.4	*	*	*	0.8	2.0	3.1	7.4	16.4	38.8
1981	1.6	*	*	0.5	0.7	1.7	4.2	9.2	18.2	44.3
1980	1.7	*	*	0.5	1.0	2.2	4.3	9.9	20.7	51.9
1979	1.7	*	*	0.5	1.1	2.3	5.1	10.0	20.8	49.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart and renal disease (404)										
All other, both sexes										
1998	1.6	1.1	1.4	2.6	4.1	5.7	8.8	15.9	24.4	40.9
1997	1.5	0.9	0.9	2.6	3.2	5.1	8.5	14.1	23.6	46.3
1996	1.6	1.2	1.3	3.0	4.4	5.3	9.3	20.2	20.7	44.1
1995	1.6	1.1	1.9	2.2	4.3	5.0	10.5	15.1	24.1	48.9
1994	1.6	1.1	2.3	3.3	4.2	6.5	10.4	15.1	27.3	44.3
1993	1.6	1.0	1.8	2.7	3.8	5.4	10.9	16.6	30.6	44.1
1992	1.8	1.1	1.5	4.2	5.6	7.4	10.9	16.6	25.2	50.6
1991	1.8	1.7	2.2	2.8	4.5	7.9	13.3	18.7	28.9	39.6
1990	1.8	*	2.6	3.7	4.7	7.9	11.3	16.6	30.3	46.5
1989	1.8	1.3	1.8	2.8	4.7	7.3	12.5	18.0	33.5	46.5
1988	1.8	*	1.3	2.7	5.6	7.1	11.9	20.0	33.8	39.9
1987	1.8	1.2	2.1	3.3	6.1	7.6	12.4	18.3	30.8	46.3
1986	1.8	*	1.8	2.3	5.2	9.9	13.3	17.0	30.0	47.2
1985	2.0	1.7	2.6	3.4	6.3	8.3	13.5	19.0	32.4	58.7
1984	2.0	*	1.9	2.9	5.1	9.8	17.2	23.1	35.9	46.1
1983	2.1	*	2.0	3.4	6.7	10.6	14.0	22.0	36.6	55.3
1982	2.0	*	2.0	3.6	5.2	8.5	16.0	23.9	33.3	50.5
1981	2.1	*	2.1	5.1	5.8	9.9	17.6	22.8	35.3	51.1
1980	2.5	1.9	3.0	4.3	7.6	12.3	21.1	32.6	39.3	53.5
1979	2.5	2.2	3.0	5.0	7.2	13.2	18.2	26.1	36.2	58.6
Hypertensive heart and renal disease (404)										
All other, male										
1998	1.4	1.5	2.2	3.2	5.0	6.4	9.1	18.0	21.3	33.5
1997	1.3	1.5	*	3.2	3.7	5.7	9.8	14.7	23.7	46.1
1996	1.4	1.6	*	3.1	5.8	5.4	8.2	19.5	22.2	44.6
1995	1.3	*	2.5	*	4.7	5.1	11.0	16.0	22.7	51.2
1994	1.5	2.0	3.1	3.9	4.1	6.6	11.2	15.8	26.0	46.1
1993	1.4	*	2.6	3.3	3.5	4.3	11.6	16.7	26.7	42.2
1992	1.6	*	*	5.3	5.4	7.1	10.1	19.0	24.6	59.6
1991	1.6	2.7	*	3.2	4.0	7.9	14.9	20.7	22.1	42.3
1990	1.6	*	3.1	4.6	5.0	8.7	9.7	20.1	27.5	40.5
1989	1.6	*	3.0	3.7	4.1	6.0	12.3	22.5	40.5	33.3
1988	1.6	*	*	3.7	4.7	7.2	14.1	17.4	31.6	50.6
1987	1.7	*	*	4.2	6.5	7.9	11.4	21.9	34.8	44.2
1986	1.7	*	*	*	4.7	11.2	15.1	16.2	37.0	44.0
1985	1.7	*	3.3	3.4	6.7	9.0	10.3	19.9	39.4	42.5
1984	1.8	*	*	3.8	4.6	9.9	17.6	23.8	40.6	47.2
1983	1.8	*	*	4.3	6.8	12.3	13.0	20.8	30.9	56.5
1982	1.7	*	*	3.7	5.7	7.6	12.1	28.3	25.5	43.3
1981	1.9	*	*	5.3	6.9	7.4	20.1	21.5	28.6	54.7
1980	2.1	*	*	4.0	5.8	9.6	20.3	30.1	34.4	70.8
1979	2.2	*	*	4.5	8.2	13.4	16.3	26.6	32.6	62.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart and renal disease (404)										
All other, female										
1998	1.7	*	*	2.2	3.4	5.1	8.6	14.6	26.0	44.0
1997	1.6	*	*	*	2.8	4.7	7.6	13.7	23.6	46.4
1996	1.8	*	*	2.9	3.3	5.2	10.1	20.7	19.9	43.8
1995	1.8	*	*	2.4	4.0	5.0	10.1	14.5	24.9	47.9
1994	1.8	*	*	2.8	4.2	6.4	9.9	14.7	27.9	43.5
1993	1.9	*	*	*	4.1	6.2	10.3	16.5	32.7	44.9
1992	1.9	*	*	3.3	5.8	7.6	11.5	15.1	25.5	46.7
1991	1.9	*	*	*	4.9	7.9	12.3	17.4	32.7	38.5
1990	2.0	*	*	2.9	4.4	7.4	12.4	14.4	31.9	49.1
1989	1.9	*	*	*	5.2	8.2	12.6	15.2	29.7	52.3
1988	1.9	*	*	*	6.2	7.1	10.3	21.6	34.8	34.9
1987	1.9	*	*	*	5.8	7.5	13.1	16.1	28.6	47.2
1986	1.9	*	*	*	5.7	8.9	12.0	17.6	25.9	48.7
1985	2.2	*	*	3.3	6.0	7.8	15.6	18.5	28.3	66.7
1984	2.1	*	*	*	5.5	9.7	16.9	22.7	33.1	45.5
1983	2.3	*	*	*	6.7	9.4	14.7	22.8	40.0	54.7
1982	2.3	*	*	3.6	4.9	9.1	18.7	21.1	38.2	54.1
1981	2.4	*	*	5.0	4.8	11.8	15.8	23.6	39.3	48.8
1980	2.9	*	2.8	4.7	9.1	14.3	21.7	34.2	42.3	44.7
1979	2.7	*	3.0	5.4	6.4	13.0	19.5	25.6	38.4	57.0
Hypertensive heart and renal disease (404)										
Black, both sexes										
1998	2.0	1.5	1.9	3.5	5.3	7.3	10.5	18.7	27.8	45.5
1997	1.9	1.2	1.4	3.4	4.0	6.3	10.5	16.6	27.9	52.2
1996	2.0	1.6	1.9	4.1	5.6	6.5	11.2	23.6	22.7	46.2
1995	2.0	1.4	2.7	2.9	5.3	6.4	12.8	17.3	27.5	54.5
1994	2.0	1.5	3.1	4.1	4.8	8.4	12.7	17.6	29.7	47.1
1993	2.1	1.3	2.5	3.4	5.0	6.8	13.4	19.8	33.7	49.5
1992	2.2	1.5	2.0	5.1	6.9	9.1	13.0	18.4	29.1	56.4
1991	2.2	2.3	2.9	3.6	5.7	9.7	15.5	21.6	32.6	43.1
1990	2.3	*	3.4	4.8	5.8	9.5	13.6	19.0	33.6	53.5
1989	2.2	1.7	2.4	3.5	5.5	8.6	15.0	20.7	36.5	50.9
1988	2.2	*	*	3.3	6.9	8.5	14.3	23.5	38.2	43.0
1987	2.3	*	2.6	4.2	7.5	9.0	14.2	20.7	32.7	51.0
1986	2.2	*	2.3	2.9	6.4	11.6	14.9	18.5	32.9	51.2
1985	2.4	2.1	3.1	4.1	7.4	9.5	15.4	21.2	34.3	63.1
1984	2.4	*	2.3	3.6	6.2	11.0	19.6	26.8	39.8	48.4
1983	2.5	*	2.5	4.1	7.7	12.3	15.9	24.3	41.0	59.8
1982	2.4	*	2.2	4.3	6.0	9.4	18.5	26.2	36.7	56.3
1981	2.5	*	2.5	5.9	6.7	11.5	19.6	25.4	39.7	53.6
1980	2.9	2.4	3.5	4.9	8.7	13.6	22.9	36.6	43.0	56.6
1979	2.8	2.5	3.5	5.8	8.0	14.1	20.2	28.0	39.3	63.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hypertensive heart and renal disease (404)										
Black, male										
1998	1.7	2.1	2.9	4.2	6.8	8.5	10.4	21.5	23.4	35.9
1997	1.7	*	*	4.6	4.7	7.0	12.4	18.1	29.2	50.4
1996	1.8	2.3	*	4.4	7.5	7.2	10.4	23.2	23.2	51.5
1995	1.7	*	3.6	*	5.7	6.5	13.8	19.3	27.1	59.1
1994	1.9	2.7	4.2	5.0	4.9	8.4	13.5	18.3	28.1	50.5
1993	1.8	*	3.7	*	4.6	*	14.9	20.4	29.6	47.7
1992	1.9	*	*	6.2	6.6	8.2	11.9	19.9	28.5	70.1
1991	2.0	3.8	*	*	5.2	9.6	17.9	24.5	26.9	46.4
1990	2.1	*	4.1	6.1	6.0	10.3	12.3	24.1	32.5	46.8
1989	2.0	*	4.0	4.5	4.8	7.0	15.1	27.0	44.3	37.9
1988	2.0	*	*	4.5	5.7	8.5	17.6	20.3	36.2	53.8
1987	2.2	*	*	5.3	8.2	9.2	13.7	25.1	38.0	50.0
1986	2.0	*	*	*	5.5	13.4	17.3	16.9	40.0	50.8
1985	2.0	*	4.2	4.2	8.0	10.3	11.4	23.5	42.5	45.2
1984	2.2	*	*	4.6	5.6	11.3	20.4	28.7	46.4	50.8
1983	2.2	*	*	5.3	7.4	14.3	15.2	24.2	35.4	61.7
1982	2.0	*	*	4.2	6.5	8.7	14.5	31.7	28.8	50.0
1981	2.2	*	*	6.1	8.2	8.7	22.6	24.1	32.5	53.6
1980	2.4	*	*	4.3	6.5	10.8	23.0	34.7	36.0	77.3
1979	2.6	*	*	5.3	9.1	14.8	18.6	29.2	33.8	71.2
Hypertensive heart and renal disease (404)										
Black, female										
1998	2.2	*	*	2.9	4.1	6.3	10.5	17.1	29.9	49.2
1997	2.0	*	*	*	3.5	5.7	9.3	15.6	27.3	52.9
1996	2.2	*	*	3.8	4.1	5.9	11.8	23.9	22.5	44.2
1995	2.2	*	*	*	5.0	6.4	12.1	16.2	27.7	52.8
1994	2.2	*	*	3.4	4.7	8.4	12.2	17.1	30.5	45.8
1993	2.4	*	*	*	5.2	8.1	12.3	19.5	35.8	50.2
1992	2.5	*	*	4.2	7.2	9.7	13.8	17.5	29.4	50.8
1991	2.4	*	*	*	6.1	9.8	13.8	19.8	35.4	41.7
1990	2.5	*	*	3.8	5.6	9.0	14.5	16.1	34.2	56.3
1989	2.4	*	*	*	6.0	9.7	14.9	16.9	32.4	56.9
1988	2.4	*	*	*	7.8	8.5	12.1	25.3	39.3	38.3
1987	2.3	*	*	*	7.0	8.8	14.6	18.0	29.8	51.4
1986	2.3	*	*	*	7.0	10.3	13.3	19.6	29.1	51.4
1985	2.7	*	*	4.1	6.9	8.9	18.0	19.8	29.7	71.4
1984	2.5	*	*	*	6.6	10.7	19.1	25.6	36.2	47.3
1983	2.7	*	*	*	7.9	10.8	16.4	24.3	44.1	58.9
1982	2.7	*	*	4.3	5.5	9.9	21.3	22.7	41.3	59.3
1981	2.8	*	*	5.7	5.6	13.5	17.5	26.2	43.9	53.1
1980	3.4	*	3.3	5.4	10.5	15.7	22.7	37.9	47.1	46.2
1979	3.1	*	3.6	6.3	7.1	13.5	21.3	27.1	42.7	59.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Ischemic heart diseases (410-414,429.2)										
All races, both sexes										
1998	190.9	49.1	92.0	158.9	270.4	427.3	684.6	1,091.2	1,880.4	4,317.3
1997	195.5	52.2	97.2	169.6	286.6	441.9	707.6	1,132.0	1,912.4	4,439.3
1996	202.2	54.6	104.3	174.6	306.4	459.3	742.0	1,184.1	2,002.4	4,574.6
1995	207.5	55.3	108.2	182.4	309.2	483.4	765.7	1,225.2	2,071.0	4,742.0
1994	210.0	57.3	110.4	188.2	319.4	495.1	785.9	1,249.6	2,133.3	4,812.8
1993	216.5	58.8	111.2	195.8	331.4	520.8	814.3	1,309.5	2,226.4	4,981.1
1992	214.0	60.3	113.1	200.5	329.9	520.8	828.0	1,309.6	2,229.9	4,894.5
1991	219.3	63.5	115.5	207.9	341.7	540.3	860.1	1,365.1	2,306.0	5,046.0
1990	224.5	64.2	120.6	213.4	355.3	555.3	897.0	1,436.1	2,390.6	5,241.1
1989	230.5	66.0	125.3	222.4	369.6	581.5	919.8	1,485.0	2,483.7	5,358.2
1988	238.2	68.6	129.5	232.1	383.4	607.5	978.9	1,548.4	2,593.5	5,557.4
1987	241.3	72.3	140.6	238.4	399.0	624.4	1,011.9	1,583.7	2,625.9	5,568.5
1986	247.1	74.6	145.3	248.6	417.6	649.1	1,050.8	1,647.3	2,723.0	5,698.2
1985	255.7	80.4	154.5	264.4	432.9	683.9	1,098.9	1,725.4	2,856.9	5,902.4
1984	260.0	84.3	159.1	273.1	453.5	704.2	1,135.8	1,784.2	2,950.5	5,962.4
1983	267.3	87.7	169.2	285.4	468.7	737.6	1,184.4	1,853.7	3,068.3	6,168.6
1982	268.0	93.3	172.1	292.8	480.1	759.8	1,204.9	1,887.7	3,107.9	6,138.7
1981	272.0	99.7	178.3	302.4	496.0	782.9	1,234.7	1,913.2	3,211.9	6,325.5
1980	280.6	100.7	185.1	315.4	514.0	814.1	1,290.8	2,035.0	3,376.2	6,642.4
1979	275.0	104.4	190.9	317.5	531.4	799.6	1,302.1	2,010.4	3,317.9	6,291.0
Ischemic heart diseases (410-414,429.2)										
All races, male										
1998	197.7	78.4	145.0	241.0	394.3	612.3	956.6	1,487.3	2,472.0	4,852.5
1997	203.1	84.1	152.3	256.6	421.5	636.5	996.2	1,539.4	2,518.7	5,014.5
1996	209.8	87.0	162.6	264.6	452.8	662.3	1,040.7	1,614.4	2,616.0	5,187.1
1995	215.1	89.0	171.2	278.0	456.7	696.6	1,081.9	1,667.8	2,722.3	5,315.1
1994	218.5	91.8	174.1	285.8	474.5	723.8	1,110.5	1,702.7	2,796.6	5,443.7
1993	225.5	95.0	175.2	299.2	492.8	764.4	1,143.9	1,794.2	2,937.8	5,615.3
1992	224.3	98.4	177.9	306.2	493.4	764.9	1,167.7	1,800.0	2,926.9	5,546.1
1991	230.1	102.6	182.2	318.9	510.8	794.6	1,220.1	1,868.9	3,015.8	5,694.9
1990	236.4	103.9	190.8	329.6	533.6	814.7	1,275.9	1,967.9	3,135.7	5,888.5
1989	242.8	108.1	198.7	344.7	555.7	853.7	1,308.2	2,026.1	3,231.7	5,956.7
1988	251.8	111.5	204.1	358.0	576.2	889.8	1,396.6	2,122.2	3,376.3	6,188.0
1987	256.6	117.5	223.9	369.9	602.1	908.4	1,447.9	2,169.6	3,411.4	6,177.9
1986	264.6	121.1	234.0	391.3	631.2	950.0	1,503.9	2,256.7	3,526.0	6,332.3
1985	276.9	132.4	249.2	415.7	657.7	1,004.1	1,579.6	2,365.8	3,741.4	6,679.6
1984	282.4	138.2	257.4	428.3	689.1	1,035.4	1,616.3	2,448.8	3,813.4	6,752.6
1983	292.5	144.8	272.9	451.4	709.4	1,093.3	1,700.5	2,547.7	3,934.9	6,999.6
1982	296.3	154.0	280.0	466.6	730.9	1,134.0	1,727.8	2,592.6	3,976.0	6,978.7
1981	302.5	165.0	289.8	484.3	755.1	1,164.5	1,776.6	2,630.7	4,115.2	7,163.8
1980	313.1	166.5	303.3	504.3	786.5	1,214.6	1,847.8	2,768.0	4,285.1	7,544.4
1979	311.4	174.5	314.3	510.7	823.0	1,204.6	1,878.5	2,736.8	4,200.7	7,149.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Ischemic heart diseases (410-414,429.2)										
All races, female										
1998	184.4	20.8	41.2	82.2	158.4	269.9	473.7	817.1	1,538.6	4,104.6
1997	188.3	21.5	44.6	88.7	165.3	277.1	485.5	851.7	1,566.6	4,213.7
1996	194.9	23.4	48.8	91.0	175.3	288.4	512.9	890.1	1,656.9	4,337.2
1995	200.2	22.8	48.4	93.9	177.7	305.3	523.5	926.0	1,709.8	4,521.1
1994	202.0	24.0	49.8	97.8	181.2	306.2	537.9	946.1	1,770.3	4,571.2
1993	207.8	23.8	50.5	100.3	188.4	321.0	563.6	987.7	1,841.0	4,739.0
1992	204.2	23.6	51.7	103.1	185.5	321.9	571.0	986.9	1,855.4	4,645.8
1991	209.0	25.9	52.5	105.9	193.2	333.7	589.5	1,036.4	1,927.9	4,797.6
1990	213.1	25.9	54.2	107.2	200.0	345.0	615.8	1,094.0	1,994.9	4,991.3
1989	218.8	25.5	56.1	110.5	208.3	360.4	632.7	1,138.0	2,088.6	5,125.5
1988	225.3	27.4	59.2	117.2	217.0	377.8	672.4	1,182.6	2,180.2	5,311.3
1987	226.7	28.9	62.4	118.9	224.1	393.0	693.9	1,212.1	2,213.7	5,328.3
1986	230.5	30.0	62.2	119.3	233.6	404.5	721.5	1,262.9	2,301.9	5,446.6
1985	235.7	30.6	66.0	127.9	238.6	424.6	750.5	1,322.3	2,392.8	5,592.1
1984	238.8	32.8	67.1	133.9	249.5	437.2	788.0	1,366.8	2,496.8	5,643.0
1983	243.5	33.2	72.6	137.1	260.2	451.5	811.4	1,418.2	2,611.3	5,828.0
1982	241.3	35.6	71.7	138.1	262.4	459.9	826.5	1,445.8	2,650.4	5,788.5
1981	243.2	37.9	74.9	140.5	271.7	477.4	843.2	1,463.1	2,732.8	5,965.4
1980	249.9	38.4	76.0	146.5	279.0	493.7	887.9	1,575.3	2,892.7	6,248.0
1979	240.5	38.2	77.2	144.5	279.9	476.3	885.5	1,553.7	2,844.3	5,909.4
Ischemic heart diseases (410-414,429.2)										
White, both sexes										
1998	206.7	46.4	87.6	151.8	260.5	418.6	673.0	1,085.3	1,890.2	4,396.6
1997	211.6	49.4	92.5	161.6	276.7	434.2	694.8	1,130.2	1,924.5	4,523.1
1996	218.7	52.1	99.3	166.9	295.9	451.4	730.4	1,181.0	2,013.3	4,668.6
1995	223.8	51.9	103.4	174.4	300.0	472.4	750.5	1,222.0	2,079.4	4,836.5
1994	226.6	54.2	104.8	180.2	311.5	484.0	773.9	1,248.2	2,145.8	4,910.9
1993	232.8	56.0	105.6	186.2	320.7	509.1	803.1	1,308.0	2,235.7	5,071.2
1992	230.1	57.3	107.6	191.5	320.1	509.8	818.0	1,309.1	2,243.0	4,989.0
1991	235.2	60.5	109.7	199.1	330.9	527.6	849.1	1,364.9	2,317.0	5,146.2
1990	240.7	61.1	114.8	204.9	345.5	542.0	890.3	1,439.8	2,411.3	5,348.0
1989	246.5	62.0	118.8	213.2	356.6	568.5	912.8	1,485.6	2,507.7	5,471.1
1988	255.0	65.0	123.8	224.3	371.1	597.4	977.0	1,551.5	2,614.7	5,693.6
1987	258.1	68.9	135.3	232.1	389.3	614.5	1,008.9	1,593.3	2,650.1	5,698.1
1986	264.2	71.7	139.5	242.6	407.4	641.3	1,051.1	1,657.8	2,753.0	5,831.5
1985	273.3	77.2	149.9	256.8	423.3	676.8	1,096.0	1,740.2	2,888.1	6,066.2
1984	277.7	81.0	153.8	265.7	444.2	701.1	1,134.5	1,806.6	2,976.4	6,137.0
1983	285.0	84.3	163.1	277.3	459.0	735.2	1,181.1	1,875.3	3,097.0	6,348.6
1982	285.8	89.4	166.5	285.6	471.5	758.8	1,208.2	1,916.1	3,146.7	6,315.4
1981	289.5	95.9	173.0	294.7	487.0	781.8	1,235.9	1,942.0	3,248.7	6,502.2
1980	297.4	95.9	178.8	307.1	505.2	810.8	1,292.9	2,054.2	3,417.8	6,818.1
1979	291.0	100.4	183.7	309.5	524.0	796.3	1,303.8	2,031.1	3,382.9	6,471.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Ischemic heart diseases (410-414,429.2)										
White, male										
1998	213.3	75.7	140.3	233.2	384.7	607.0	951.1	1,489.5	2,500.6	4,956.8
1997	219.0	80.5	147.2	248.4	410.9	632.6	990.0	1,549.5	2,548.9	5,131.7
1996	226.4	84.3	157.8	257.5	443.5	659.3	1,036.5	1,623.6	2,647.7	5,321.9
1995	231.2	85.2	166.1	269.2	448.4	688.5	1,071.4	1,674.4	2,756.3	5,442.5
1994	235.0	88.4	167.4	278.9	468.3	718.3	1,103.9	1,717.1	2,832.4	5,580.2
1993	241.9	92.4	169.4	289.4	483.0	757.0	1,139.4	1,811.2	2,970.5	5,746.9
1992	240.5	95.2	173.0	297.9	485.8	758.5	1,163.1	1,811.5	2,969.1	5,687.8
1991	246.0	99.7	176.1	310.4	501.0	787.0	1,216.9	1,887.8	3,048.7	5,835.9
1990	252.8	101.1	185.0	319.9	527.8	808.3	1,277.1	1,989.1	3,194.0	6,037.7
1989	258.9	103.4	191.4	336.3	543.5	845.3	1,314.1	2,047.5	3,290.3	6,122.7
1988	268.7	107.7	199.7	350.7	565.6	885.5	1,407.5	2,149.4	3,432.0	6,390.7
1987	273.5	114.2	218.7	366.1	595.1	904.1	1,455.7	2,200.8	3,469.3	6,368.8
1986	282.2	119.2	228.8	386.9	623.8	950.5	1,519.8	2,295.9	3,594.2	6,524.4
1985	295.1	129.4	245.7	411.7	651.7	1,006.5	1,591.9	2,412.0	3,808.4	6,918.6
1984	300.9	135.0	253.4	425.0	683.4	1,042.4	1,631.5	2,507.2	3,878.3	7,007.9
1983	311.3	141.7	267.3	446.9	704.7	1,104.0	1,717.5	2,609.2	3,999.8	7,256.9
1982	315.1	150.7	276.5	462.3	729.5	1,145.4	1,751.3	2,654.7	4,055.0	7,223.5
1981	321.2	161.2	285.3	479.1	752.5	1,178.6	1,801.0	2,699.4	4,192.9	7,414.3
1980	331.1	161.7	298.1	499.9	785.3	1,227.1	1,877.1	2,823.9	4,367.8	7,765.1
1979	328.9	171.0	307.4	505.1	823.9	1,217.8	1,908.0	2,804.9	4,307.8	7,381.0
Ischemic heart diseases (410-414,429.2)										
White, female										
1998	200.3	17.5	36.3	74.6	146.2	255.2	453.8	802.9	1,534.6	4,175.2
1997	204.4	18.6	39.3	79.4	153.6	263.2	464.3	839.0	1,565.7	4,286.2
1996	211.2	20.4	42.6	81.2	161.0	273.6	492.5	876.0	1,654.1	4,417.6
1995	216.8	19.0	42.7	84.9	165.0	289.0	501.6	913.6	1,702.4	4,605.4
1994	218.5	20.5	44.3	87.2	169.3	287.7	518.7	931.5	1,769.5	4,657.4
1993	224.1	20.1	43.9	89.2	174.0	303.0	544.5	971.2	1,837.8	4,816.4
1992	220.0	20.1	44.5	91.6	170.9	304.7	554.2	976.0	1,853.8	4,725.9
1991	224.8	22.2	45.9	95.0	178.8	314.5	569.8	1,021.8	1,928.6	4,885.9
1990	229.1	22.0	47.4	97.6	183.8	323.7	600.5	1,085.2	1,998.1	5,086.1
1989	234.6	21.5	49.1	98.5	191.9	341.2	613.8	1,124.3	2,096.5	5,224.7
1988	241.8	23.2	51.1	107.0	200.7	360.5	658.5	1,170.4	2,187.9	5,426.3
1987	243.3	24.7	55.4	108.1	209.7	376.1	680.7	1,208.4	2,223.6	5,438.5
1986	247.0	25.5	54.2	109.7	218.6	387.5	708.3	1,255.9	2,315.6	5,561.5
1985	252.5	26.3	58.7	115.0	223.6	407.7	734.9	1,319.1	2,409.5	5,732.3
1984	255.6	28.6	59.1	121.1	234.6	423.7	773.3	1,369.2	2,507.0	5,791.8
1983	260.0	28.7	64.2	124.0	243.8	436.5	792.3	1,418.0	2,625.6	5,982.9
1982	257.9	30.0	62.3	126.6	245.5	446.7	815.4	1,456.3	2,671.7	5,943.4
1981	259.3	32.9	67.0	129.0	255.1	462.1	828.5	1,470.6	2,753.9	6,120.5
1980	265.2	32.6	66.9	133.2	261.9	476.2	871.7	1,575.5	2,918.7	6,409.9
1979	255.1	32.4	67.9	132.9	263.6	458.6	869.7	1,552.4	2,893.0	6,068.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Ischemic heart diseases (410-414,429.2)										
All other, both sexes										
1998	118.2	63.1	117.1	201.7	331.7	486.8	779.0	1,144.3	1,782.0	3,542.6
1997	120.4	67.3	125.4	217.6	349.1	495.8	813.4	1,148.9	1,791.1	3,610.7
1996	124.0	68.4	133.9	221.1	373.7	516.0	840.0	1,212.1	1,892.0	3,641.7
1995	128.9	74.9	137.1	231.5	369.4	564.5	897.9	1,254.7	1,986.3	3,793.2
1994	129.5	75.4	144.3	238.1	371.5	579.2	890.8	1,262.4	2,006.7	3,814.2
1993	135.7	75.4	146.0	256.3	405.2	612.3	912.6	1,323.5	2,132.3	4,057.3
1992	133.5	79.0	146.6	258.2	399.8	608.4	917.1	1,314.5	2,094.8	3,917.4
1991	138.1	81.4	150.9	265.0	420.7	643.2	959.1	1,366.6	2,192.5	3,994.5
1990	140.0	82.8	156.4	271.0	429.2	665.7	958.5	1,400.8	2,174.6	4,108.8
1989	146.1	90.6	166.7	285.1	469.8	691.1	983.0	1,478.9	2,232.0	4,162.1
1988	148.1	91.1	165.9	286.5	480.4	693.1	997.3	1,519.3	2,369.1	4,109.3
1987	149.6	93.0	175.5	284.1	476.7	710.1	1,040.1	1,492.6	2,367.5	4,173.3
1986	152.5	91.9	183.8	293.1	501.1	717.1	1,048.3	1,546.5	2,400.7	4,249.4
1985	156.7	100.2	185.5	321.9	513.7	745.3	1,125.9	1,583.7	2,516.9	4,107.2
1984	158.7	105.3	195.3	330.5	532.8	731.3	1,147.0	1,569.2	2,664.5	4,049.3
1983	164.6	109.1	212.5	349.7	552.9	758.0	1,214.5	1,644.8	2,747.7	4,169.7
1982	163.1	119.5	212.4	350.7	555.6	768.2	1,174.0	1,612.4	2,668.3	4,162.5
1981	167.7	125.4	217.7	366.1	576.8	792.4	1,223.2	1,632.1	2,786.3	4,317.9
1980	177.6	133.4	233.6	386.0	593.1	843.4	1,270.5	1,846.4	2,885.2	4,624.2
1979	173.8	132.8	248.2	385.7	600.0	828.3	1,284.9	1,809.3	2,548.7	4,191.4
Ischemic heart diseases (410-414,429.2)										
All other, male										
1998	123.8	93.5	174.1	291.9	458.5	651.4	1,005.1	1,465.7	2,167.4	3,875.6
1997	126.4	104.1	184.9	309.3	493.4	665.6	1,051.9	1,442.6	2,199.1	3,920.0
1996	128.9	102.5	192.9	310.6	516.6	686.3	1,078.6	1,524.7	2,282.3	3,935.9
1995	135.9	112.4	203.7	335.3	515.2	761.2	1,180.4	1,602.8	2,367.9	4,134.4
1994	135.9	113.5	217.4	332.7	519.7	768.3	1,172.1	1,558.1	2,431.2	4,170.4
1993	142.4	111.5	212.8	365.7	566.2	826.2	1,185.8	1,623.4	2,605.9	4,390.2
1992	141.0	119.9	209.9	363.1	552.6	818.9	1,210.9	1,685.6	2,498.2	4,228.4
1991	146.7	121.3	222.0	379.0	589.0	860.0	1,250.8	1,680.8	2,683.6	4,373.5
1990	148.7	122.2	229.4	400.0	581.2	870.4	1,264.3	1,762.5	2,554.9	4,496.3
1989	155.9	139.1	248.3	406.7	657.6	928.5	1,251.6	1,820.3	2,649.6	4,419.8
1988	158.3	137.1	234.2	413.8	665.4	928.3	1,291.6	1,863.9	2,823.9	4,312.7
1987	162.0	139.1	260.0	399.0	662.2	947.4	1,373.9	1,874.9	2,829.5	4,390.9
1986	164.8	133.3	270.9	426.1	695.7	945.7	1,352.3	1,887.6	2,838.0	4,529.3
1985	171.6	152.4	274.6	447.9	711.4	981.5	1,463.0	1,934.5	3,058.7	4,427.4
1984	174.1	160.2	287.4	455.9	740.1	970.5	1,472.3	1,908.4	3,150.5	4,359.7
1983	180.5	166.7	316.2	488.9	752.0	994.7	1,540.3	1,978.7	3,262.9	4,527.5
1982	182.3	177.4	307.3	502.6	744.0	1,029.4	1,507.3	2,016.2	3,152.1	4,603.0
1981	187.9	192.5	326.1	529.1	779.3	1,036.6	1,548.1	1,993.0	3,297.8	4,670.3
1980	199.7	202.7	347.3	543.7	798.4	1,100.9	1,573.1	2,247.6	3,401.2	5,289.6
1979	198.9	201.0	373.1	561.2	814.9	1,085.3	1,599.2	2,129.3	3,057.0	4,728.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Ischemic heart diseases (410-414,429.2)										
All other, female										
1998	113.0	36.8	68.2	126.1	229.4	363.7	625.1	939.0	1,577.7	3,403.0
1997	114.9	35.7	74.4	141.1	233.8	369.4	650.6	963.1	1,575.7	3,480.3
1996	119.5	39.1	83.4	146.6	260.6	389.1	676.9	1,015.8	1,684.5	3,517.5
1995	122.6	42.8	80.2	145.4	254.9	418.4	704.6	1,037.3	1,783.3	3,647.8
1994	123.6	42.8	81.9	160.1	255.9	439.0	697.7	1,079.7	1,778.8	3,661.6
1993	129.6	44.5	89.1	166.5	280.5	454.4	723.9	1,139.6	1,874.1	3,913.4
1992	126.6	43.8	92.7	172.6	282.2	452.7	715.3	1,087.1	1,872.2	3,781.5
1991	130.3	47.1	90.4	172.7	291.7	482.8	759.6	1,172.5	1,921.0	3,826.7
1990	132.0	48.8	94.5	167.6	313.6	514.3	750.3	1,176.4	1,960.0	3,932.7
1989	137.2	48.7	97.8	187.2	326.6	513.6	799.4	1,265.4	2,004.2	4,019.9
1988	138.8	51.4	108.3	184.4	337.7	517.9	796.0	1,297.4	2,096.6	4,014.2
1987	138.4	53.3	104.7	191.9	333.3	533.3	811.8	1,247.9	2,103.6	4,070.6
1986	141.4	56.3	111.1	186.1	350.8	546.3	839.7	1,330.2	2,150.8	4,114.7
1985	143.2	55.7	112.3	220.1	358.9	567.0	890.8	1,353.5	2,203.9	3,951.3
1984	144.7	58.4	119.2	228.2	370.5	551.7	920.9	1,343.8	2,379.1	3,895.2
1983	150.1	60.1	128.0	236.4	395.6	580.0	987.0	1,421.1	2,444.8	3,992.1
1982	145.6	70.5	135.4	226.5	405.7	572.2	930.9	1,341.8	2,395.5	3,940.6
1981	149.3	69.2	130.1	231.6	414.0	607.7	982.4	1,388.0	2,476.0	4,106.3
1980	157.7	76.0	141.4	255.3	428.4	646.4	1,044.8	1,573.1	2,568.2	4,283.4
1979	151.1	76.6	146.4	239.5	426.0	629.7	1,042.8	1,567.1	2,231.9	3,950.0
Ischemic heart diseases (410-414,429.2)										
Black, both sexes										
1998	140.8	79.7	146.4	249.5	403.5	580.4	908.5	1,276.4	1,939.2	3,688.9
1997	143.5	83.7	157.3	264.5	424.8	575.1	950.2	1,289.5	1,947.9	3,780.1
1996	147.5	86.2	167.8	270.2	450.9	600.3	975.0	1,338.8	2,043.9	3,799.6
1995	153.6	95.5	169.8	282.0	441.3	657.8	1,035.9	1,393.1	2,143.0	3,956.6
1994	153.4	93.0	178.3	284.8	439.1	669.3	1,015.0	1,387.5	2,158.2	3,969.2
1993	161.4	93.2	179.6	311.2	480.9	710.8	1,044.8	1,453.5	2,270.8	4,218.9
1992	157.2	98.0	176.7	307.1	469.1	698.4	1,028.2	1,421.2	2,209.8	4,056.2
1991	163.3	101.5	182.4	313.7	490.3	736.7	1,078.9	1,480.1	2,333.1	4,142.9
1990	165.3	101.4	189.6	317.9	502.9	758.6	1,063.5	1,521.5	2,310.6	4,286.4
1989	171.6	110.4	199.1	332.3	542.9	782.7	1,089.4	1,603.1	2,359.2	4,310.5
1988	173.3	110.1	198.2	334.0	549.9	779.3	1,101.6	1,639.5	2,511.4	4,280.8
1987	174.0	111.4	206.1	325.9	546.2	799.9	1,142.2	1,606.7	2,510.6	4,326.4
1986	177.0	108.2	214.2	338.9	569.9	803.8	1,151.0	1,668.9	2,523.9	4,432.3
1985	180.2	118.2	215.8	365.7	580.8	822.6	1,228.2	1,685.3	2,654.3	4,252.3
1984	181.4	122.4	226.2	372.2	601.8	799.6	1,250.5	1,681.5	2,801.7	4,180.5
1983	187.5	127.4	243.1	394.1	617.3	829.5	1,319.3	1,759.6	2,901.8	4,300.0
1982	184.3	138.4	241.3	395.3	616.6	834.8	1,259.9	1,708.0	2,834.9	4,311.9
1981	189.3	144.4	247.0	408.4	638.9	862.3	1,316.7	1,732.1	2,979.4	4,492.9
1980	197.7	151.5	261.0	426.3	648.7	911.2	1,352.2	1,957.4	3,063.2	4,786.3
1979	190.2	150.5	275.7	421.3	646.2	876.5	1,360.6	1,865.7	2,619.4	4,276.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Ischemic heart diseases (410-414,429.2)										
Black, male										
1998	144.3	115.1	216.6	359.0	552.4	775.2	1,174.3	1,624.3	2,398.4	4,032.7
1997	147.4	126.9	230.2	372.2	597.2	760.4	1,224.8	1,630.8	2,454.1	4,068.0
1996	150.2	126.0	239.4	380.3	618.9	787.5	1,259.0	1,688.7	2,520.8	4,095.7
1995	159.1	141.6	252.0	410.7	612.4	871.1	1,371.7	1,787.2	2,589.7	4,325.3
1994	158.0	136.3	267.0	398.0	607.9	879.0	1,335.0	1,728.1	2,682.5	4,338.5
1993	166.4	135.4	262.2	443.0	670.2	947.7	1,361.5	1,787.3	2,790.5	4,585.4
1992	163.6	147.0	251.8	429.2	641.4	934.9	1,368.0	1,848.1	2,668.1	4,401.2
1991	170.9	150.9	269.5	447.1	678.4	979.8	1,414.7	1,825.6	2,872.5	4,572.1
1990	173.8	148.9	278.0	468.3	678.0	992.1	1,412.0	1,937.4	2,770.7	4,736.7
1989	180.8	169.6	299.0	473.4	751.8	1,056.0	1,395.6	1,985.4	2,809.3	4,598.5
1988	182.7	165.2	280.2	478.5	757.4	1,039.5	1,429.6	2,032.2	3,012.8	4,518.5
1987	185.6	168.0	304.2	450.6	752.5	1,065.4	1,507.2	2,013.7	3,005.4	4,559.4
1986	188.9	156.7	315.3	485.8	786.5	1,055.4	1,489.1	2,046.5	2,952.2	4,779.4
1985	195.0	179.9	317.0	503.4	800.0	1,085.3	1,599.2	2,048.8	3,216.1	4,609.7
1984	196.8	188.1	330.6	508.8	835.0	1,056.4	1,612.2	2,052.7	3,298.8	4,534.4
1983	203.7	196.5	358.9	543.7	837.5	1,088.4	1,683.2	2,112.7	3,437.8	4,681.7
1982	203.5	204.9	346.0	563.8	824.2	1,114.1	1,627.7	2,116.8	3,316.3	4,720.7
1981	210.1	221.2	365.7	586.2	864.8	1,133.3	1,671.5	2,113.3	3,523.4	4,825.0
1980	219.5	227.8	383.9	597.5	869.4	1,192.0	1,675.3	2,389.0	3,589.3	5,389.5
1979	215.1	225.2	409.0	610.6	874.7	1,149.4	1,715.5	2,189.4	3,101.3	4,800.0
Ischemic heart diseases (410-414,429.2)										
Black, female										
1998	137.6	49.3	87.3	160.4	286.8	436.0	733.5	1,065.4	1,715.7	3,559.2
1997	140.0	47.0	96.1	177.2	290.3	437.8	769.5	1,083.8	1,703.2	3,670.5
1996	145.0	52.4	108.1	181.5	320.2	461.3	788.7	1,129.2	1,812.2	3,686.4
1995	148.7	56.4	101.4	178.7	308.7	499.4	816.1	1,158.2	1,925.7	3,813.6
1994	149.2	56.4	104.5	194.4	308.4	514.0	805.1	1,187.5	1,899.8	3,824.7
1993	156.8	57.6	111.1	205.9	335.2	537.2	834.9	1,259.9	2,010.4	4,073.7
1992	151.5	56.7	114.7	209.7	337.2	525.7	803.7	1,174.7	1,977.3	3,917.2
1991	156.5	60.1	110.8	207.7	347.0	560.0	857.4	1,278.6	2,059.2	3,966.6
1990	157.6	61.6	117.1	198.8	370.7	589.9	834.6	1,277.7	2,072.3	4,095.6
1989	163.3	60.7	117.4	220.0	384.4	584.8	890.3	1,377.1	2,123.2	4,214.4
1988	164.9	64.0	130.8	218.7	392.2	590.5	882.9	1,404.7	2,246.6	4,177.2
1987	163.7	64.3	125.6	226.5	388.6	606.3	898.7	1,360.2	2,244.4	4,222.9
1986	166.3	68.0	131.4	220.4	404.8	619.4	925.0	1,437.7	2,290.3	4,273.9
1985	166.9	67.0	133.1	254.1	411.6	629.9	982.8	1,459.0	2,344.9	4,085.7
1984	167.6	68.2	140.5	260.6	421.3	610.3	1,009.0	1,448.5	2,527.0	4,013.2
1983	172.9	70.2	149.0	272.3	446.8	638.9	1,076.4	1,527.8	2,598.6	4,115.3
1982	167.0	83.6	156.4	258.0	454.0	628.9	1,007.1	1,452.6	2,555.8	4,111.0
1981	170.6	80.8	151.0	263.6	460.8	664.1	1,068.7	1,485.2	2,662.1	4,288.5
1980	178.2	89.0	161.7	286.3	473.8	702.1	1,122.4	1,676.4	2,747.8	4,484.8
1979	167.8	88.8	167.0	265.8	464.5	672.3	1,105.1	1,636.9	2,320.2	4,014.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute myocardial infarction (410)										
All races, both sexes										
1998	73.8	22.8	42.4	74.8	122.9	187.1	288.1	443.0	715.7	1,389.6
1997	75.6	24.5	45.5	79.9	130.5	196.6	301.2	460.6	733.3	1,395.5
1996	79.3	25.9	50.1	82.5	141.7	205.8	320.9	487.6	775.5	1,452.2
1995	82.0	26.8	52.2	86.9	145.5	219.5	333.8	511.4	806.4	1,496.0
1994	84.5	28.5	53.9	92.3	151.7	229.4	351.8	530.2	844.8	1,531.9
1993	87.5	29.2	54.6	95.3	159.5	241.2	364.5	563.0	888.1	1,578.6
1992	89.4	30.7	57.5	101.0	160.4	246.1	385.4	579.6	924.4	1,593.5
1991	93.0	32.7	59.5	107.0	168.5	261.4	404.7	616.2	962.4	1,654.2
1990	96.1	33.5	62.4	110.4	177.7	273.7	428.5	657.3	1,006.4	1,695.5
1989	100.1	34.9	65.6	115.6	188.7	292.8	449.5	688.3	1,051.5	1,737.8
1988	101.4	36.0	68.4	119.1	195.6	305.7	474.2	706.0	1,070.0	1,688.2
1987	104.6	39.9	76.5	126.3	208.8	320.4	500.5	734.6	1,097.3	1,677.8
1986	108.7	41.8	80.1	134.4	222.6	341.1	529.5	778.2	1,136.2	1,699.7
1985	115.2	45.5	87.5	149.8	239.0	371.1	568.3	835.0	1,190.7	1,776.5
1984	118.4	49.5	93.1	157.6	255.2	385.1	594.2	864.1	1,233.9	1,767.2
1983	122.5	52.4	100.1	165.9	269.3	409.6	628.3	895.8	1,258.7	1,814.2
1982	125.6	56.7	104.7	175.7	281.9	432.7	652.1	922.2	1,281.0	1,832.8
1981	127.5	62.4	108.5	181.8	291.7	448.4	663.8	924.3	1,316.6	1,869.0
1980	132.2	63.8	114.1	191.7	308.2	471.4	697.5	978.8	1,368.0	1,961.5
1979	133.8	66.9	121.0	200.5	327.4	472.3	716.3	991.2	1,371.7	1,916.3
Acute myocardial infarction (410)										
All races, male										
1998	79.2	36.2	66.5	113.1	178.7	266.4	395.5	587.3	928.8	1,626.7
1997	81.8	39.3	71.1	119.6	189.8	280.5	418.1	613.3	953.7	1,661.9
1996	85.5	41.1	78.0	124.2	205.9	293.9	441.3	652.2	999.2	1,732.3
1995	89.1	43.5	82.3	132.1	212.8	311.4	462.8	686.4	1,065.4	1,780.3
1994	92.0	45.4	84.4	139.3	222.4	330.6	487.8	712.5	1,108.8	1,833.5
1993	95.9	46.9	86.1	144.6	236.1	350.4	504.4	764.7	1,180.3	1,897.4
1992	98.3	49.6	90.1	152.2	236.9	356.1	533.9	788.1	1,216.3	1,962.4
1991	102.2	52.7	92.7	161.5	248.2	379.6	563.7	834.5	1,270.2	1,998.1
1990	106.8	54.3	99.3	170.1	263.4	396.0	599.6	898.3	1,343.6	2,064.8
1989	111.7	57.3	103.2	178.8	280.9	424.0	634.4	938.4	1,396.4	2,103.0
1988	114.1	58.2	108.0	182.0	289.6	442.5	667.3	971.9	1,425.6	2,063.2
1987	118.9	64.5	121.0	195.2	311.6	461.5	711.1	1,008.4	1,451.9	2,058.5
1986	124.8	67.5	128.8	209.5	334.2	493.8	753.0	1,074.1	1,514.4	2,071.4
1985	134.7	75.0	140.5	234.1	361.4	544.3	817.1	1,159.3	1,616.4	2,235.1
1984	139.5	81.2	151.2	246.8	388.3	567.3	849.0	1,210.7	1,662.7	2,220.2
1983	145.8	86.4	162.4	262.8	407.6	610.1	910.5	1,251.0	1,696.8	2,280.9
1982	151.3	94.4	171.1	279.9	432.3	650.6	946.6	1,290.2	1,720.2	2,307.8
1981	155.1	103.8	177.3	292.5	447.2	671.7	973.0	1,312.6	1,769.8	2,335.9
1980	162.2	106.3	189.6	309.5	478.7	713.3	1,021.5	1,369.6	1,835.2	2,477.8
1979	165.9	113.1	200.1	323.4	512.1	721.8	1,056.6	1,393.4	1,828.0	2,417.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute myocardial infarction (410)										
All races, female										
1998	68.6	9.9	19.3	39.0	72.6	119.7	204.7	343.0	592.6	1,295.5
1997	69.7	10.2	21.0	43.0	77.1	125.5	211.2	355.5	607.6	1,291.0
1996	73.3	11.3	23.5	43.7	84.1	131.6	228.6	375.2	649.5	1,343.6
1995	75.1	10.7	23.6	45.1	85.5	142.8	235.0	393.0	662.8	1,386.4
1994	77.4	12.1	24.9	48.8	88.9	145.7	247.9	408.0	700.3	1,416.4
1993	79.5	12.0	24.7	49.9	91.5	151.7	258.1	429.1	729.7	1,456.9
1992	81.0	12.4	26.6	53.8	92.9	156.6	273.0	442.4	767.5	1,452.7
1991	84.2	13.6	28.1	57.0	98.4	165.4	285.2	473.8	798.4	1,522.5
1990	85.9	13.4	27.6	55.9	103.0	174.5	301.5	502.2	827.4	1,553.0
1989	89.0	13.4	30.0	57.8	108.9	186.3	312.8	527.9	869.4	1,595.7
1988	89.4	14.7	31.1	61.7	114.5	194.4	332.5	536.5	882.4	1,541.9
1987	91.1	16.3	34.7	63.6	120.3	205.6	346.8	561.0	911.2	1,527.7
1986	93.5	17.2	34.4	66.4	126.5	216.9	367.1	591.5	938.0	1,552.3
1985	96.8	17.2	37.8	73.7	133.2	230.9	388.0	630.8	967.2	1,593.4
1984	98.4	19.3	38.8	77.6	140.0	238.2	409.8	646.4	1,008.5	1,584.1
1983	100.4	19.9	42.0	79.3	149.5	248.3	424.4	672.9	1,027.7	1,622.9
1982	101.3	20.9	43.0	82.8	151.4	258.1	439.1	691.5	1,049.4	1,634.8
1981	101.4	23.0	44.7	83.3	156.9	269.6	440.4	680.9	1,076.2	1,669.3
1980	104.0	23.6	44.4	86.3	161.2	277.9	463.2	733.7	1,119.4	1,735.8
1979	103.4	23.3	48.1	90.4	168.2	273.1	470.3	738.3	1,126.9	1,693.6
Acute myocardial infarction (410)										
White, both sexes										
1998	80.0	22.0	41.4	73.7	121.6	186.5	286.5	443.2	718.1	1,408.4
1997	82.0	23.7	44.5	78.3	129.4	195.7	298.9	463.0	739.0	1,416.3
1996	86.0	25.3	49.3	80.9	140.4	205.5	319.7	489.6	783.3	1,474.6
1995	88.8	26.1	51.6	86.2	145.1	218.3	332.3	513.5	813.7	1,520.1
1994	91.5	27.5	52.6	91.3	151.8	228.2	350.3	533.1	855.3	1,559.5
1993	94.5	28.6	53.6	93.5	158.6	240.5	364.1	567.3	896.4	1,599.9
1992	96.6	29.8	56.3	98.8	159.1	245.2	385.9	584.9	935.4	1,620.6
1991	100.2	32.1	58.9	105.2	166.1	260.3	405.0	620.8	973.3	1,682.8
1990	103.6	33.1	61.1	109.0	176.6	271.9	430.6	664.3	1,023.0	1,728.4
1989	107.6	34.1	64.0	113.7	186.5	290.5	452.5	695.6	1,068.7	1,769.1
1988	109.3	35.7	67.8	118.2	194.0	305.9	480.5	715.8	1,086.2	1,728.0
1987	112.7	39.3	76.2	126.7	208.3	320.7	506.9	748.6	1,116.7	1,712.4
1986	117.1	41.6	79.3	134.7	222.1	343.1	538.1	792.7	1,158.7	1,742.3
1985	124.0	45.1	88.0	149.6	238.6	373.9	575.9	853.1	1,212.8	1,821.4
1984	127.3	49.0	92.5	157.6	255.8	390.0	604.1	886.2	1,254.4	1,813.9
1983	131.7	52.1	99.9	166.0	270.6	415.4	638.2	918.8	1,281.6	1,867.3
1982	135.3	56.7	105.2	175.8	283.7	441.1	665.3	950.7	1,310.8	1,889.8
1981	137.0	62.1	108.8	181.9	293.9	456.3	677.7	953.3	1,345.0	1,925.3
1980	141.7	63.2	114.0	192.4	311.6	480.6	712.6	1,002.6	1,399.2	2,014.6
1979	143.0	66.7	120.7	201.2	330.6	481.0	732.3	1,016.1	1,410.4	1,969.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute myocardial infarction (410)										
White, male										
1998	86.0	35.7	65.8	113.0	178.8	269.3	397.6	590.8	939.1	1,658.0
1997	88.9	38.7	70.3	119.0	190.7	282.7	420.6	623.7	967.6	1,699.6
1996	93.0	40.7	78.0	123.9	206.9	297.6	445.0	660.9	1,014.0	1,772.5
1995	96.7	43.2	82.9	132.5	214.4	314.4	465.0	694.1	1,083.9	1,819.8
1994	99.8	44.6	83.4	140.8	225.6	334.3	489.0	723.7	1,127.7	1,874.8
1993	103.8	46.9	85.6	144.0	237.1	354.4	508.0	779.1	1,200.5	1,938.0
1992	106.3	48.9	90.0	151.7	238.1	358.9	538.9	800.8	1,239.8	2,009.2
1991	110.4	52.2	93.2	161.2	248.1	383.6	569.6	848.4	1,296.4	2,046.9
1990	115.4	54.3	98.7	169.6	266.8	399.3	607.4	914.9	1,378.9	2,120.2
1989	120.4	56.8	102.6	179.0	281.2	426.4	645.8	958.7	1,433.4	2,161.9
1988	123.3	58.6	109.4	183.2	291.9	447.6	681.5	995.5	1,461.5	2,134.7
1987	128.3	64.7	122.4	198.2	315.1	467.2	725.0	1,036.7	1,491.6	2,122.5
1986	134.8	68.5	129.8	212.4	338.2	502.6	772.8	1,106.3	1,557.3	2,148.6
1985	145.3	75.7	143.6	238.0	365.7	553.9	835.3	1,196.2	1,659.3	2,318.8
1984	150.3	81.8	152.6	251.3	393.3	580.2	872.1	1,252.8	1,706.0	2,300.6
1983	157.2	87.3	164.0	267.2	414.5	625.2	934.4	1,298.4	1,743.9	2,367.0
1982	163.3	95.8	174.7	283.4	441.4	670.1	975.3	1,342.2	1,774.1	2,396.3
1981	167.0	104.4	179.8	296.6	456.6	691.1	1,002.9	1,367.5	1,825.3	2,431.2
1980	174.2	106.9	192.2	315.2	490.6	735.9	1,055.3	1,417.9	1,897.3	2,561.7
1979	177.7	114.1	202.5	328.3	523.9	743.6	1,092.5	1,448.7	1,895.6	2,500.2
Acute myocardial infarction (410)										
White, female										
1998	74.2	8.5	17.5	36.4	69.0	114.8	198.9	340.0	589.4	1,309.7
1997	75.3	8.9	19.4	39.7	73.2	120.7	203.9	351.5	607.6	1,306.1
1996	79.2	10.1	21.5	40.3	79.6	126.7	222.4	371.6	652.6	1,360.2
1995	81.2	9.2	21.4	42.4	82.1	136.8	229.4	390.3	663.2	1,405.9
1994	83.6	10.7	22.9	44.7	84.8	139.4	242.9	404.4	706.1	1,440.1
1993	85.6	10.5	22.6	45.9	87.6	145.8	253.4	425.6	731.8	1,472.4
1992	87.2	11.0	23.8	49.2	88.1	151.4	268.9	441.7	772.2	1,474.2
1991	90.4	12.3	25.9	52.9	92.7	159.0	280.0	471.5	801.9	1,545.4
1990	92.3	12.3	25.0	52.6	96.7	167.3	298.1	502.5	835.1	1,579.6
1989	95.3	11.9	26.9	53.0	103.0	179.0	308.5	526.3	877.0	1,619.8
1988	95.9	13.2	27.9	57.8	108.1	189.4	331.9	537.6	890.2	1,572.0
1987	97.8	14.5	32.0	60.5	115.0	200.1	346.6	566.0	921.6	1,553.7
1986	100.2	15.3	31.0	63.2	120.6	212.3	366.5	595.2	951.4	1,584.0
1985	103.7	15.2	35.0	68.6	127.5	227.0	387.1	638.1	980.5	1,626.5
1984	105.3	17.2	35.4	72.4	135.3	235.4	409.3	657.4	1,019.4	1,621.0
1983	107.4	18.0	39.1	74.5	144.5	245.4	423.5	682.3	1,040.2	1,666.1
1982	108.6	18.8	39.3	79.1	145.5	256.1	441.0	707.0	1,068.5	1,682.4
1981	108.5	21.2	41.7	78.8	151.9	267.2	443.2	695.5	1,093.3	1,713.5
1980	110.7	21.1	40.6	81.7	156.0	275.4	465.4	744.3	1,137.5	1,778.7
1979	110.0	21.1	44.1	86.5	162.6	270.6	473.5	748.3	1,153.3	1,735.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute myocardial infarction (410)										
All other, both sexes										
1998	45.2	26.9	48.4	81.3	131.5	191.3	301.1	441.1	691.4	1,206.6
1997	45.9	28.6	51.7	89.5	137.4	202.4	319.3	438.5	676.5	1,189.4
1996	47.5	29.4	54.6	91.9	149.7	208.0	330.8	469.1	696.0	1,229.3
1995	49.0	30.8	55.8	91.5	148.2	228.9	346.5	492.0	733.5	1,253.3
1994	50.3	33.9	61.7	98.2	151.2	237.9	365.4	502.1	738.5	1,250.8
1993	52.8	32.8	61.2	107.1	165.6	246.9	368.4	522.0	802.6	1,359.7
1992	53.5	36.2	64.4	115.0	169.6	253.7	381.0	529.4	810.6	1,313.6
1991	56.1	36.9	63.1	118.7	185.9	270.2	401.7	572.5	849.2	1,353.8
1990	56.9	36.0	70.5	120.0	185.4	288.8	409.4	590.5	833.8	1,346.8
1989	60.4	40.2	75.5	128.1	206.1	312.3	421.5	620.1	872.2	1,405.5
1988	59.1	38.0	72.4	125.5	208.5	304.5	416.6	612.7	898.8	1,265.7
1987	60.6	43.7	78.9	123.4	212.9	318.5	441.8	602.4	889.9	1,304.6
1986	62.1	43.5	85.6	132.4	227.0	323.1	450.5	639.3	894.9	1,237.2
1985	66.0	48.0	84.0	151.4	241.8	346.6	497.5	660.8	950.0	1,284.3
1984	67.3	52.4	97.1	157.6	250.8	342.0	502.5	651.0	1,008.4	1,255.8
1983	69.1	54.0	101.2	165.3	258.3	358.3	536.4	672.9	1,002.7	1,224.5
1982	68.6	57.0	101.2	174.2	265.7	359.0	529.2	645.4	943.7	1,195.5
1981	70.4	64.3	106.4	181.3	271.4	378.5	532.7	642.3	988.0	1,228.9
1980	74.5	67.5	114.7	185.2	278.0	389.3	554.2	744.8	999.1	1,352.3
1979	75.9	68.7	124.0	193.9	298.4	395.3	559.2	749.3	914.3	1,296.6
Acute myocardial infarction (410)										
All other, male										
1998	47.1	39.2	70.8	113.8	178.2	245.0	377.3	554.6	819.7	1,332.9
1997	47.6	42.8	76.8	123.0	183.4	263.4	395.3	513.4	806.1	1,309.5
1996	49.2	43.3	78.1	126.6	198.9	265.2	407.3	567.3	842.9	1,358.9
1995	51.4	45.0	79.0	129.4	201.6	288.1	441.7	611.0	873.2	1,414.6
1994	53.0	50.5	91.4	128.8	198.9	301.3	476.4	600.9	916.1	1,448.1
1993	55.5	47.0	89.5	148.3	228.7	316.7	470.4	620.0	975.6	1,519.4
1992	57.0	54.1	90.6	155.6	228.1	332.2	486.8	661.1	977.1	1,527.2
1991	59.3	55.8	89.6	163.6	249.2	344.6	506.9	696.5	1,006.5	1,540.8
1990	60.9	54.2	102.9	173.7	236.0	366.5	524.0	737.6	991.5	1,547.9
1989	64.4	60.6	107.3	177.3	277.7	402.6	524.4	743.7	1,028.1	1,558.0
1988	63.4	55.0	98.8	172.8	269.4	396.8	531.5	747.5	1,069.2	1,401.3
1987	66.1	63.3	111.7	172.3	281.3	409.1	577.9	741.9	1,053.6	1,459.7
1986	67.7	61.0	121.9	186.1	298.6	413.1	564.5	771.0	1,080.6	1,346.7
1985	73.4	70.1	118.1	202.6	322.8	456.2	643.3	815.5	1,179.8	1,446.6
1984	75.8	76.7	141.2	209.0	342.7	448.5	630.1	820.8	1,220.8	1,466.7
1983	78.1	80.5	150.3	226.0	344.4	471.4	685.3	812.2	1,209.3	1,453.6
1982	78.9	84.6	142.2	250.4	346.9	471.6	676.8	807.3	1,158.5	1,449.3
1981	82.0	99.7	156.5	257.1	359.6	495.7	693.3	803.2	1,185.7	1,387.5
1980	86.3	101.7	168.0	258.3	367.2	506.9	705.2	919.8	1,171.6	1,621.1
1979	89.9	105.8	180.1	278.9	397.9	524.3	716.3	900.0	1,105.8	1,554.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute myocardial infarction (410)										
All other, female										
1998	43.5	16.4	29.1	54.1	93.9	151.1	249.2	368.6	623.4	1,153.7
1997	44.4	16.4	30.2	61.6	100.6	156.9	267.5	391.1	608.0	1,138.8
1996	45.9	17.4	34.5	63.1	110.8	165.4	278.5	407.4	617.9	1,174.5
1995	46.9	18.6	36.0	60.2	106.3	184.8	281.3	417.7	659.3	1,184.6
1994	47.8	19.6	36.4	73.0	114.0	190.9	289.2	440.9	643.1	1,166.2
1993	50.2	20.6	37.1	73.3	116.7	195.4	297.9	461.8	708.2	1,290.7
1992	50.2	20.8	42.1	82.0	124.5	195.6	308.3	448.7	718.7	1,220.2
1991	53.1	20.6	40.6	82.3	137.4	215.1	329.6	495.8	762.3	1,271.1
1990	53.2	20.4	43.0	76.9	146.8	231.2	331.4	499.2	744.8	1,255.4
1989	56.7	22.5	48.6	88.5	151.5	244.8	351.1	542.8	787.3	1,327.3
1988	55.2	23.4	50.1	87.5	161.4	235.8	338.0	525.9	796.6	1,202.4
1987	55.6	26.9	51.4	84.1	160.0	251.0	348.8	513.1	796.4	1,231.3
1986	57.0	28.4	55.3	89.2	171.7	255.9	372.2	555.9	788.9	1,184.6
1985	59.2	29.1	56.1	110.0	178.5	263.9	395.9	559.2	817.2	1,205.3
1984	59.5	31.8	60.8	115.6	178.9	262.1	413.8	538.2	883.7	1,151.0
1983	60.9	31.4	61.2	115.8	190.3	273.3	432.4	579.6	881.2	1,110.8
1982	59.2	33.6	67.8	111.7	201.0	274.5	421.4	536.8	821.0	1,067.7
1981	59.9	34.5	66.0	118.7	200.3	289.9	414.0	533.5	868.0	1,139.4
1980	63.7	39.2	71.4	124.7	206.5	299.4	441.7	625.5	893.2	1,214.6
1979	63.2	38.2	78.3	123.0	217.9	295.6	438.5	636.0	794.9	1,174.6
Acute myocardial infarction (410)										
Black, both sexes										
1998	53.9	34.3	60.1	99.8	158.5	224.4	349.4	493.2	761.8	1,268.9
1997	55.0	35.0	65.1	108.3	165.1	233.2	375.4	494.6	742.6	1,267.5
1996	56.6	37.0	67.0	113.4	179.4	243.6	382.9	518.8	758.7	1,296.6
1995	58.4	39.0	67.5	109.7	174.2	267.4	399.9	542.4	796.9	1,327.7
1994	59.6	41.7	76.3	118.5	178.2	273.1	413.2	551.7	792.4	1,311.0
1993	62.5	39.8	73.2	129.7	194.6	284.5	419.5	567.5	862.4	1,416.7
1992	62.9	44.9	77.1	134.4	197.4	289.1	424.2	571.0	861.3	1,371.0
1991	66.0	45.9	75.3	139.9	214.1	306.2	447.2	618.5	901.9	1,414.4
1990	67.0	43.9	84.6	139.0	216.3	329.0	452.5	637.4	890.1	1,410.0
1989	70.3	48.1	88.0	148.4	235.6	351.1	462.4	662.8	913.5	1,458.6
1988	68.6	45.3	86.2	144.2	234.3	340.5	454.8	657.1	942.3	1,311.7
1987	69.7	51.7	92.3	140.1	240.2	354.6	480.2	643.1	933.8	1,331.3
1986	71.5	50.1	98.6	150.5	254.0	360.8	492.6	683.9	925.1	1,293.0
1985	75.1	55.1	95.3	170.1	270.0	378.2	537.2	693.0	989.0	1,337.9
1984	76.2	60.3	111.0	176.8	280.5	371.9	543.0	688.5	1,044.5	1,281.6
1983	78.1	62.7	114.4	184.6	286.5	389.0	576.7	711.1	1,048.0	1,259.8
1982	76.7	64.8	113.6	194.7	293.8	386.0	559.3	671.4	987.2	1,222.2
1981	78.7	72.5	120.3	200.8	297.4	407.4	567.8	674.6	1,040.7	1,264.3
1980	82.2	75.5	127.3	203.5	302.6	413.8	583.0	780.3	1,049.0	1,396.4
1979	82.5	77.5	137.2	211.8	318.7	415.4	583.7	763.6	926.4	1,320.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute myocardial infarction (410)										
Black, male										
1998	54.8	48.4	87.7	138.4	213.2	287.5	437.2	615.9	908.9	1,416.0
1997	55.4	51.0	95.6	146.5	217.8	299.7	461.5	582.5	896.7	1,376.5
1996	57.3	52.8	94.2	156.5	233.9	306.7	475.4	626.6	934.4	1,431.4
1995	59.8	56.5	95.5	156.1	231.8	329.9	511.2	676.2	949.4	1,500.0
1994	61.7	60.8	111.6	156.2	230.0	341.6	535.5	665.9	1,013.0	1,564.1
1993	64.2	55.8	106.5	178.9	266.6	358.1	537.9	667.8	1,055.4	1,563.4
1992	65.8	66.0	108.1	179.0	259.7	373.1	544.7	723.3	1,068.0	1,589.0
1991	68.6	69.8	105.9	191.8	281.6	389.9	566.7	758.5	1,067.5	1,613.4
1990	71.1	65.1	122.8	198.3	274.1	420.1	582.7	805.8	1,086.9	1,661.4
1989	74.0	72.2	125.2	202.8	314.6	451.8	579.4	800.6	1,087.6	1,631.8
1988	72.5	65.4	116.7	196.6	301.4	438.6	584.8	815.3	1,124.5	1,461.5
1987	74.6	74.5	129.7	193.0	313.7	451.6	628.1	777.7	1,106.5	1,470.3
1986	76.9	69.7	139.4	207.0	332.0	458.9	621.4	824.4	1,107.8	1,428.6
1985	82.2	80.6	130.9	225.5	356.7	498.8	693.5	850.6	1,208.0	1,506.5
1984	84.9	89.5	160.6	230.9	381.4	484.3	681.6	873.1	1,260.7	1,513.1
1983	87.5	94.8	168.3	248.1	378.9	511.9	741.4	860.6	1,268.3	1,496.7
1982	87.3	95.8	157.5	278.9	383.1	506.6	714.5	824.8	1,207.5	1,491.4
1981	90.7	111.5	174.6	282.2	393.6	535.7	740.6	841.8	1,249.4	1,423.2
1980	94.0	112.2	184.2	281.2	397.7	537.9	739.8	966.3	1,228.9	1,645.0
1979	96.5	118.1	195.2	303.4	424.5	548.5	759.7	911.8	1,105.2	1,569.2
Acute myocardial infarction (410)										
Black, female										
1998	53.1	22.2	36.8	68.4	115.6	177.7	291.6	418.8	690.1	1,213.5
1997	54.5	21.3	39.5	77.5	124.0	183.9	318.8	441.7	668.2	1,226.0
1996	56.0	23.6	44.2	78.7	137.1	196.8	322.2	454.2	673.4	1,245.1
1995	57.2	24.1	44.1	72.4	129.6	221.1	327.1	462.6	722.7	1,260.9
1994	57.6	25.6	46.9	88.3	138.1	222.3	333.0	484.6	683.7	1,212.0
1993	61.0	26.4	45.6	90.4	139.2	230.6	341.0	509.3	765.7	1,358.6
1992	60.2	27.1	51.5	98.9	149.6	227.7	344.6	483.1	756.4	1,283.1
1991	63.7	25.8	50.1	98.7	162.7	245.4	368.3	536.9	817.8	1,332.7
1990	63.4	26.0	53.3	92.1	172.7	263.1	366.9	538.6	788.2	1,303.4
1989	67.1	27.8	57.4	105.0	175.7	278.1	386.4	581.4	822.2	1,393.5
1988	65.1	28.6	61.1	102.4	183.3	269.3	368.2	562.5	846.1	1,246.3
1987	65.4	32.6	61.7	98.0	184.1	283.8	381.5	561.6	840.9	1,269.4
1986	66.6	33.9	65.1	104.9	194.6	288.9	406.4	597.9	825.5	1,231.2
1985	68.7	34.0	66.2	125.3	203.2	289.6	433.9	594.9	868.4	1,259.4
1984	68.4	36.2	70.2	132.6	202.5	289.1	450.4	572.6	925.0	1,172.1
1983	69.7	36.1	70.6	133.0	215.1	298.5	466.7	613.1	923.4	1,145.2
1982	67.2	39.2	78.0	126.1	223.9	297.1	452.6	575.7	859.4	1,089.8
1981	68.0	40.2	76.4	134.5	221.5	313.5	447.1	566.4	918.9	1,174.3
1980	71.6	45.4	81.3	140.0	227.3	321.3	471.5	659.2	941.2	1,272.1
1979	70.0	43.9	89.9	136.6	234.6	315.9	457.0	659.3	815.3	1,196.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute ischemic heart diseases (411)										
All races, both sexes										
1998	1.1	0.6	0.9	1.4	2.2	2.7	3.5	5.2	8.2	19.4
1997	1.1	0.6	1.3	1.6	2.6	3.0	4.0	5.3	7.4	20.2
1996	1.1	0.6	1.1	1.6	2.3	2.9	3.6	5.7	7.1	19.6
1995	1.0	0.5	1.1	1.6	2.2	2.7	3.7	4.5	8.3	19.2
1994	1.1	0.6	1.2	1.4	2.4	2.6	3.8	5.0	9.1	21.1
1993	1.1	0.7	1.2	1.6	2.5	3.2	4.1	5.8	9.7	19.3
1992	1.2	0.8	1.2	1.9	2.7	3.6	4.6	6.3	9.7	21.4
1991	1.3	0.9	1.4	2.0	3.0	3.9	5.0	6.5	10.4	21.6
1990	1.3	1.0	1.6	2.2	3.1	4.0	5.1	7.6	10.2	21.2
1989	1.4	0.8	1.2	2.1	3.3	4.1	5.3	7.3	11.4	24.2
1988	1.4	0.9	1.4	2.1	3.0	4.2	5.7	7.8	11.6	24.5
1987	1.5	1.0	1.7	2.4	3.4	4.5	5.5	9.0	11.9	23.2
1986	1.6	1.1	1.7	2.9	4.1	5.1	7.0	8.9	12.8	23.6
1985	1.7	1.1	2.3	2.9	4.4	5.4	7.1	9.1	13.7	24.9
1984	1.7	0.9	2.1	2.9	4.3	5.7	7.2	9.9	14.7	25.9
1983	1.7	1.3	2.4	2.8	4.4	5.9	7.5	10.0	13.9	26.1
1982	1.8	1.4	2.2	3.5	4.5	5.8	8.4	9.8	14.4	24.3
1981	2.0	1.3	2.4	3.8	5.2	6.7	8.8	11.1	17.5	29.3
1980	2.1	1.5	2.7	3.9	5.3	7.3	9.3	12.6	19.0	31.0
1979	2.1	1.4	2.6	3.9	5.9	7.2	9.7	13.5	18.3	30.2
Other acute ischemic heart diseases (411)										
All races, male										
1998	1.2	0.9	1.5	2.1	3.3	4.0	4.8	6.9	9.5	20.4
1997	1.3	1.1	2.0	2.4	3.9	4.2	5.8	6.9	9.1	22.2
1996	1.2	0.9	1.7	2.4	3.6	4.2	5.2	7.5	9.2	20.8
1995	1.2	0.9	1.9	2.6	3.2	4.1	5.4	6.1	10.6	20.6
1994	1.2	1.0	1.8	2.0	3.9	3.9	5.5	6.6	11.3	23.9
1993	1.3	1.2	1.9	2.4	3.7	4.7	6.0	7.2	13.2	22.6
1992	1.4	1.4	2.0	3.0	4.2	4.8	6.8	8.1	12.4	23.8
1991	1.6	1.5	2.1	3.1	4.5	6.3	7.8	8.5	13.4	25.9
1990	1.6	1.7	2.6	3.5	4.7	6.4	7.8	10.5	13.9	24.5
1989	1.6	1.3	1.9	3.5	5.1	6.2	7.6	9.6	15.1	27.0
1988	1.6	1.4	2.2	3.3	4.8	6.2	8.4	11.4	14.3	28.1
1987	1.8	1.6	2.7	3.8	5.3	6.9	8.0	13.4	16.7	26.1
1986	2.0	1.8	2.9	4.6	6.5	7.9	10.5	13.7	18.0	25.4
1985	2.1	1.8	3.8	4.6	6.7	8.2	10.9	12.8	18.3	28.4
1984	2.1	1.6	3.3	4.7	6.7	9.5	10.8	13.5	20.3	32.3
1983	2.2	2.1	3.7	4.7	6.8	9.7	11.2	14.9	20.4	31.7
1982	2.3	2.4	3.7	5.8	7.2	9.3	12.9	14.5	19.8	29.7
1981	2.5	2.2	4.0	6.1	8.3	10.7	13.3	15.3	23.1	35.8
1980	2.7	2.7	4.1	6.4	8.5	11.5	14.5	17.6	25.5	37.7
1979	2.7	2.5	4.3	6.6	9.5	11.2	14.4	19.5	24.3	36.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute ischemic heart diseases (411)										
All races, female										
1998	1.0	0.2	0.4	0.8	1.1	1.6	2.4	4.1	7.5	19.0
1997	1.0	*	0.5	0.8	1.5	1.9	2.6	4.1	6.5	19.4
1996	0.9	0.3	0.5	0.9	1.1	1.8	2.4	4.4	5.9	19.2
1995	0.9	*	0.4	0.6	1.3	1.5	2.4	3.5	7.1	18.7
1994	1.0	0.2	0.6	0.8	1.1	1.5	2.6	3.9	7.9	20.0
1993	1.0	*	0.4	0.9	1.4	1.9	2.7	4.8	7.8	18.0
1992	1.1	0.3	0.5	0.9	1.5	2.5	2.9	5.2	8.3	20.5
1991	1.0	*	0.6	1.0	1.6	1.9	2.9	5.2	8.8	20.0
1990	1.1	0.3	0.7	1.0	1.8	2.0	3.1	5.8	8.2	20.0
1989	1.2	0.3	0.6	0.9	1.8	2.3	3.5	5.9	9.5	23.1
1988	1.2	0.4	0.7	1.0	1.4	2.5	3.7	5.4	10.1	23.1
1987	1.2	0.4	0.7	1.2	1.7	2.6	3.6	6.2	9.3	22.0
1986	1.2	0.4	0.6	1.3	1.9	2.8	4.4	5.8	10.0	22.9
1985	1.3	0.4	0.9	1.3	2.4	3.1	4.3	6.7	11.3	23.5
1984	1.3	*	0.9	1.4	2.2	2.7	4.7	7.6	11.7	23.3
1983	1.3	0.5	1.1	1.2	2.3	2.9	4.9	7.0	10.5	23.8
1982	1.3	0.5	0.8	1.5	2.2	3.0	5.2	6.9	11.5	22.1
1981	1.5	0.5	0.9	1.7	2.5	3.5	5.5	8.4	14.5	26.6
1980	1.5	0.4	1.4	1.7	2.5	3.9	5.5	9.5	15.6	28.1
1979	1.5	0.5	1.1	1.5	2.7	3.9	6.2	9.7	15.1	27.3
Other acute ischemic heart diseases (411)										
White, both sexes										
1998	1.1	0.5	0.9	1.3	2.0	2.5	3.2	4.9	8.1	19.3
1997	1.2	0.6	1.2	1.4	2.5	2.8	3.7	5.0	7.2	19.9
1996	1.1	0.5	1.1	1.5	2.1	2.8	3.4	5.3	7.0	19.3
1995	1.1	0.5	1.1	1.5	2.0	2.5	3.6	4.3	8.3	19.3
1994	1.1	0.6	1.1	1.2	2.3	2.6	3.6	4.9	8.5	21.0
1993	1.2	0.6	1.1	1.5	2.4	2.9	4.0	5.7	9.3	19.2
1992	1.3	0.8	1.1	1.7	2.6	3.5	4.4	6.0	9.2	20.6
1991	1.3	0.9	1.3	2.0	2.8	3.5	4.8	6.2	9.8	21.4
1990	1.3	0.9	1.5	2.1	2.8	3.7	4.9	7.2	9.9	20.7
1989	1.4	0.7	1.1	1.8	3.1	3.7	5.1	6.6	11.1	24.4
1988	1.4	0.7	1.3	2.1	2.8	3.9	5.4	7.4	11.4	24.3
1987	1.5	0.9	1.5	2.2	3.1	4.3	5.2	8.6	11.8	22.8
1986	1.6	1.0	1.6	2.7	3.9	4.5	6.6	8.5	12.5	23.5
1985	1.7	1.0	2.1	2.7	4.1	5.1	6.5	8.9	13.6	24.6
1984	1.7	0.8	1.9	2.7	3.9	5.3	6.6	9.6	13.7	25.6
1983	1.7	1.3	2.1	2.5	4.0	5.4	7.0	9.5	13.1	25.1
1982	1.8	1.3	1.9	3.1	4.2	5.4	8.2	9.3	14.0	23.5
1981	2.0	1.2	2.2	3.4	4.8	6.4	7.9	10.5	16.6	29.1
1980	2.1	1.2	2.3	3.5	4.9	6.7	9.0	12.4	18.2	31.2
1979	2.1	1.4	2.3	3.5	5.2	6.7	9.1	12.7	17.7	29.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute ischemic heart diseases (411)										
White, male										
1998	1.2	0.9	1.4	1.9	3.1	3.6	4.4	6.5	9.0	20.3
1997	1.3	1.1	1.9	2.2	3.9	4.0	5.6	6.7	8.6	21.7
1996	1.2	0.8	1.7	2.3	3.4	4.0	5.0	6.8	9.0	20.8
1995	1.2	0.8	1.9	2.4	3.1	4.0	5.3	5.6	10.7	21.5
1994	1.2	0.9	1.6	1.8	3.7	3.9	5.2	6.4	10.7	23.7
1993	1.3	1.0	1.8	2.4	3.6	4.4	5.8	7.1	12.4	22.5
1992	1.4	1.4	1.9	2.8	3.9	4.6	6.4	7.4	11.6	23.3
1991	1.6	1.6	2.1	3.1	4.2	5.8	7.7	8.1	13.1	24.4
1990	1.6	1.6	2.4	3.4	4.2	6.0	7.5	10.1	13.9	23.7
1989	1.6	1.2	1.8	3.0	4.9	5.7	7.6	8.8	14.4	26.9
1988	1.6	1.2	2.0	3.3	4.6	5.8	7.9	10.8	14.2	28.2
1987	1.7	1.5	2.5	3.5	4.9	6.5	7.7	12.6	16.7	25.2
1986	2.0	1.7	2.7	4.4	6.2	7.2	9.9	13.5	17.9	25.4
1985	2.1	1.7	3.6	4.4	6.4	8.1	10.3	12.7	18.7	28.1
1984	2.1	1.4	3.0	4.5	6.1	9.0	10.0	13.5	19.9	31.1
1983	2.2	2.1	3.4	4.3	6.4	9.1	10.8	14.7	19.1	30.3
1982	2.3	2.1	3.3	5.4	6.9	9.0	12.8	13.8	19.7	28.2
1981	2.5	2.1	3.7	5.5	7.8	10.5	12.4	14.5	22.0	36.3
1980	2.7	2.1	3.7	5.7	7.9	10.7	14.5	17.3	24.7	38.3
1979	2.7	2.4	3.9	6.1	8.6	10.6	13.7	18.9	23.1	36.8
Other acute ischemic heart diseases (411)										
White, female										
1998	1.0	*	0.4	0.7	1.0	1.4	2.2	3.8	7.5	18.9
1997	1.0	*	0.5	0.7	1.2	1.8	2.2	3.9	6.4	19.2
1996	1.0	*	0.5	0.7	0.9	1.9	2.2	4.3	5.9	18.7
1995	0.9	*	0.4	0.6	1.0	1.3	2.2	3.4	6.9	18.4
1994	1.0	*	0.5	0.7	1.0	1.4	2.4	3.8	7.3	20.0
1993	1.0	*	0.4	0.7	1.3	1.7	2.6	4.8	7.6	18.0
1992	1.1	*	*	0.8	1.3	2.6	2.8	5.0	7.9	19.6
1991	1.1	*	0.5	0.9	1.5	1.7	2.7	4.9	8.0	20.2
1990	1.1	*	0.6	0.9	1.6	1.7	2.8	5.3	7.8	19.5
1989	1.2	*	0.4	0.7	1.5	2.0	3.2	5.2	9.4	23.5
1988	1.2	*	0.5	0.9	1.3	2.4	3.6	5.2	10.0	22.8
1987	1.2	0.4	0.6	1.0	1.5	2.5	3.4	6.1	9.2	21.9
1986	1.2	*	0.5	1.2	1.9	2.4	4.2	5.4	9.7	22.8
1985	1.3	*	0.6	1.1	2.1	2.7	3.8	6.5	11.0	23.2
1984	1.3	*	0.7	1.1	2.0	2.3	4.2	7.1	10.5	23.4
1983	1.2	0.4	0.9	1.0	2.0	2.3	4.2	6.4	10.0	23.0
1982	1.2	0.4	0.6	1.1	1.8	2.6	5.0	6.5	11.0	21.6
1981	1.4	*	0.7	1.4	2.2	3.1	4.7	8.1	13.7	26.1
1980	1.5	*	1.1	1.5	2.3	3.4	5.0	9.3	14.8	28.1
1979	1.5	*	0.9	1.2	2.3	3.6	5.8	8.9	14.8	26.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute ischemic heart diseases (411)										
All other, both sexes										
1998	0.9	0.9	1.3	2.3	3.0	4.4	5.5	8.0	9.7	20.0
1997	0.9	*	1.7	2.6	3.4	4.0	6.1	7.1	9.6	22.9
1996	0.9	1.0	1.3	2.5	3.5	3.3	5.2	8.7	7.5	23.3
1995	0.8	0.8	1.3	2.0	3.4	3.5	4.9	6.8	8.9	18.3
1994	0.9	1.1	1.9	2.1	3.5	2.7	5.9	5.9	15.4	21.4
1993	1.0	1.2	1.5	2.2	3.1	4.9	5.3	6.3	13.9	19.6
1992	1.1	0.9	2.0	2.8	4.0	3.8	6.4	9.8	15.0	29.8
1991	1.2	*	1.7	2.4	4.5	6.6	6.8	9.7	16.9	24.1
1990	1.3	1.5	2.3	2.8	5.5	6.7	7.6	11.8	13.1	27.3
1989	1.4	1.6	2.2	4.5	5.4	7.3	6.9	14.2	14.7	21.9
1988	1.3	1.7	2.6	2.1	4.0	6.7	7.8	11.7	12.8	27.4
1987	1.4	1.4	2.7	4.0	5.6	6.4	8.2	13.1	13.0	27.1
1986	1.5	1.6	2.6	4.0	5.2	9.8	10.4	12.1	15.8	24.2
1985	1.6	1.7	3.6	4.4	6.6	7.4	11.9	10.8	14.8	28.3
1984	1.8	1.7	3.7	4.8	7.3	9.2	13.2	12.8	25.6	29.0
1983	1.9	1.4	3.9	5.1	7.4	10.4	12.9	14.9	22.9	37.5
1982	1.9	2.7	4.4	6.3	7.1	8.8	9.9	14.9	19.0	34.0
1981	2.2	2.1	4.5	7.1	8.7	9.0	17.0	16.5	27.8	31.6
1980	2.3	3.8	5.3	7.4	8.8	13.0	12.3	14.9	29.2	29.5
1979	2.4	2.1	4.9	7.7	12.0	11.1	15.4	20.9	25.9	35.1
Other acute ischemic heart diseases (411)										
All other, male										
1998	1.1	1.5	2.1	3.8	4.8	6.6	8.1	10.2	13.9	21.7
1997	1.1	*	2.5	3.7	4.2	5.7	7.2	9.2	14.2	26.3
1996	1.1	*	*	3.1	5.6	5.4	7.1	14.9	*	20.4
1995	1.0	*	*	3.5	4.2	5.1	6.4	10.8	*	*
1994	1.1	1.9	2.8	2.9	5.9	*	7.9	*	17.3	26.2
1993	1.2	2.1	2.5	*	4.4	7.2	7.8	9.0	20.8	23.8
1992	1.4	*	2.9	4.1	5.9	6.1	10.4	15.1	20.0	28.1
1991	1.5	*	*	3.2	6.7	10.9	8.7	12.8	16.6	39.9
1990	1.6	2.6	3.8	4.5	8.4	9.8	10.3	13.8	*	31.9
1989	1.6	*	3.0	7.2	7.1	10.8	7.3	17.1	22.3	27.2
1988	1.6	2.6	3.1	*	6.0	10.6	12.9	17.8	*	27.8
1987	1.8	*	4.5	5.6	9.0	10.0	11.4	20.9	*	33.8
1986	1.9	*	4.2	6.1	8.9	14.3	16.4	16.2	19.4	*
1985	1.9	*	4.9	6.7	9.2	8.8	16.7	14.1	*	31.5
1984	2.3	2.8	5.6	6.5	12.0	13.9	18.6	12.9	24.8	43.1
1983	2.3	*	5.8	8.3	10.5	14.5	14.7	17.3	34.0	44.9
1982	2.4	4.3	7.0	9.1	9.9	11.9	13.8	20.9	21.3	44.8
1981	2.7	3.4	7.0	11.0	13.2	12.0	21.9	23.1	34.1	31.3
1980	3.0	6.7	7.5	12.1	14.5	19.5	14.5	20.7	34.4	*
1979	3.1	3.4	7.7	11.4	18.6	17.1	21.6	25.0	37.2	37.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute ischemic heart diseases (411)										
All other, female										
1998	0.7	*	*	*	*	2.8	3.8	6.5	7.4	19.3
1997	0.8	*	*	*	2.8	*	5.3	5.8	7.1	21.4
1996	0.8	*	*	*	*	*	4.0	4.8	*	24.6
1995	0.7	*	*	*	2.7	*	3.9	*	8.7	20.9
1994	0.8	*	*	*	*	*	4.5	*	14.4	19.3
1993	0.8	*	*	*	*	3.2	*	*	10.1	17.8
1992	0.9	*	*	*	*	*	*	6.6	12.3	30.5
1991	1.0	*	*	*	2.8	3.5	5.5	7.9	17.0	17.2
1990	1.1	*	*	*	3.3	4.3	5.8	10.5	12.3	25.1
1989	1.2	*	*	*	4.0	4.6	6.7	12.4	10.4	19.3
1988	1.0	*	*	*	*	3.7	4.4	7.8	11.3	27.2
1987	1.0	*	*	2.7	2.9	3.6	6.0	8.0	10.7	23.9
1986	1.2	*	*	*	*	6.4	6.3	9.6	13.8	23.7
1985	1.4	*	*	*	4.5	6.4	8.5	8.6	15.0	26.7
1984	1.5	*	*	3.4	3.6	5.8	9.4	12.8	26.2	22.1
1983	1.6	*	*	*	5.0	7.3	11.6	13.3	16.4	33.8
1982	1.4	*	*	4.0	4.9	6.5	7.0	10.9	17.8	28.6
1981	1.7	*	*	3.9	5.2	6.8	13.4	12.0	24.0	31.5
1980	1.6	*	3.5	3.5	4.3	8.1	10.6	11.0	26.1	28.7
1979	1.7	*	*	4.5	6.6	6.6	10.6	17.8	18.8	34.2
Other acute ischemic heart diseases (411)										
Black, both sexes										
1998	1.1	1.1	1.6	2.5	3.7	5.4	6.8	9.6	11.2	21.3
1997	1.1	*	1.9	3.2	4.2	4.9	7.2	8.7	10.1	24.4
1996	1.2	1.2	1.8	3.1	4.7	3.8	6.4	10.6	7.9	25.4
1995	1.0	1.1	1.7	2.4	4.3	3.7	6.2	8.2	9.5	20.5
1994	1.1	1.3	2.3	2.3	3.9	3.1	6.5	6.2	15.8	22.1
1993	1.2	1.3	2.0	2.9	3.8	5.5	5.8	7.5	15.9	20.5
1992	1.3	*	2.0	3.5	4.7	4.4	7.8	11.7	16.5	31.8
1991	1.4	*	2.1	2.5	5.4	7.9	8.2	10.9	19.1	26.6
1990	1.6	1.8	3.0	3.2	6.8	7.2	9.1	13.2	12.8	29.2
1989	1.6	2.1	2.5	5.3	6.1	8.6	8.0	15.9	16.7	23.2
1988	1.6	2.1	3.2	2.6	4.9	8.0	9.2	13.3	14.0	29.0
1987	1.6	1.7	3.0	4.4	6.5	7.3	9.7	14.4	13.7	27.9
1986	1.8	2.0	3.2	4.5	6.4	10.6	11.2	12.8	17.3	26.4
1985	1.9	2.2	4.3	5.2	7.8	8.6	13.8	11.7	16.3	29.2
1984	2.2	2.2	4.5	5.3	8.8	10.3	14.2	14.5	28.8	31.6
1983	2.2	1.7	4.6	5.7	8.8	11.8	14.4	16.8	24.7	40.8
1982	2.2	3.2	5.0	7.1	8.0	9.7	10.6	16.5	21.1	36.9
1981	2.5	2.3	5.0	8.0	9.4	9.8	19.4	17.7	31.1	33.3
1980	2.6	4.4	5.9	8.2	10.0	14.1	12.9	15.7	31.0	32.1
1979	2.7	2.3	5.5	8.7	13.0	12.2	16.9	22.5	26.9	36.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute ischemic heart diseases (411)										
Black, male										
1998	1.4	*	2.6	3.9	6.3	8.0	9.4	12.4	*	25.1
1997	1.3	*	*	4.9	5.4	7.2	8.5	11.8	*	28.3
1996	1.4	*	*	*	7.5	6.4	9.3	18.7	*	25.1
1995	1.2	*	*	4.1	5.5	5.5	8.0	14.1	*	*
1994	1.2	*	3.4	*	6.7	*	8.8	*	19.7	29.3
1993	1.4	*	3.5	*	5.3	7.2	8.7	*	25.7	*
1992	1.6	*	*	5.1	6.6	7.3	12.6	18.2	23.6	32.2
1991	1.7	*	*	*	8.0	13.2	10.3	14.5	*	46.4
1990	1.9	3.3	4.9	5.2	10.3	11.1	12.6	15.7	*	36.2
1989	1.9	*	*	8.2	7.9	12.9	8.7	19.1	27.8	30.3
1988	1.9	*	*	*	7.4	13.1	15.2	20.3	*	32.3
1987	2.1	*	5.1	5.7	10.6	11.2	13.7	23.4	*	34.4
1986	2.2	*	5.2	6.6	10.8	15.5	18.1	16.3	22.2	*
1985	2.3	*	5.8	8.0	11.1	10.3	19.5	15.9	*	32.3
1984	2.7	3.6	6.8	6.7	14.5	15.1	20.4	15.0	28.6	49.2
1983	2.7	*	6.9	9.2	12.7	17.0	16.0	20.0	36.6	48.3
1982	2.7	5.5	7.9	10.1	11.1	12.6	14.9	23.6	25.0	50.0
1981	3.1	*	7.7	12.5	14.8	13.5	25.5	25.3	39.0	*
1980	3.3	7.5	8.1	13.5	16.3	21.1	14.9	21.6	36.0	*
1979	3.5	*	8.4	12.9	20.7	18.6	24.3	27.3	37.7	38.5
Other acute ischemic heart diseases (411)										
Black, female										
1998	0.9	*	*	*	*	*	5.0	7.8	*	19.8
1997	1.0	*	*	*	*	*	6.3	6.8	*	23.0
1996	0.9	*	*	*	*	*	*	*	*	25.5
1995	0.9	*	*	*	*	*	5.0	*	*	23.9
1994	0.9	*	*	*	*	*	5.0	*	13.9	19.2
1993	1.0	*	*	*	*	4.1	*	*	11.0	18.3
1992	1.1	*	*	*	*	*	*	8.0	12.9	31.6
1991	1.2	*	*	*	*	4.0	6.8	8.8	19.2	18.5
1990	1.3	*	*	*	4.2	4.4	6.8	11.8	12.6	26.2
1989	1.4	*	*	*	4.7	5.5	7.6	14.0	10.8	20.3
1988	1.2	*	*	*	*	4.3	5.3	9.1	12.4	27.5
1987	1.2	*	*	3.4	*	4.4	7.1	9.0	*	25.0
1986	1.4	*	*	*	*	7.1	6.6	10.7	14.5	26.1
1985	1.6	*	*	*	5.2	7.4	9.9	9.2	16.5	27.8
1984	1.8	*	*	4.1	4.4	6.8	10.1	14.3	28.9	23.3
1983	1.9	*	*	*	5.8	7.9	13.3	14.7	17.9	37.1
1982	1.7	*	*	4.6	5.5	7.5	7.7	12.0	18.8	30.5
1981	1.9	*	*	4.3	5.2	7.1	15.2	12.7	26.5	32.7
1980	1.9	*	4.1	3.8	4.9	9.0	11.5	11.9	28.0	31.1
1979	2.0	*	*	5.2	6.8	7.3	11.5	19.1	20.2	35.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other forms of chronic ischemic heart disease (412-414,429.2)										
All races, both sexes										
1998	116.1	25.7	48.6	82.7	145.3	237.5	393.1	643.0	1,156.5	2,908.3
1997	118.8	27.1	50.4	88.1	153.5	242.3	402.5	666.2	1,171.7	3,023.7
1996	121.8	28.2	53.2	90.5	162.5	250.6	417.5	690.8	1,219.9	3,102.8
1995	124.5	28.0	54.9	93.9	161.5	261.2	428.2	709.3	1,256.2	3,226.8
1994	124.4	28.2	55.3	94.5	165.2	263.2	430.2	714.4	1,279.4	3,259.9
1993	127.8	28.9	55.5	98.8	169.5	276.5	445.6	740.7	1,328.7	3,383.2
1992	123.4	28.8	54.4	97.6	166.7	271.1	438.1	723.7	1,295.8	3,279.6
1991	125.0	29.9	54.6	98.8	170.2	275.0	450.4	742.3	1,333.2	3,370.2
1990	127.0	29.7	56.5	100.8	174.5	277.7	463.4	771.2	1,373.9	3,524.4
1989	129.1	30.3	58.5	104.7	177.5	284.6	465.0	789.3	1,420.7	3,596.3
1988	135.4	31.7	59.7	110.9	184.9	297.6	499.0	834.7	1,511.9	3,844.6
1987	135.2	31.4	62.4	109.7	186.9	299.4	506.0	840.1	1,516.7	3,867.6
1986	136.8	31.7	63.5	111.3	191.0	302.9	514.3	860.2	1,574.0	3,974.9
1985	138.8	33.8	64.8	111.8	189.6	307.4	523.6	881.4	1,652.5	4,101.0
1984	139.9	33.8	63.9	112.6	194.0	313.4	534.3	910.3	1,701.9	4,169.3
1983	143.1	34.0	66.8	116.7	195.0	322.1	548.5	947.9	1,795.7	4,328.3
1982	140.6	35.2	65.1	113.6	193.7	321.3	544.3	955.7	1,812.5	4,281.5
1981	142.6	36.1	67.4	116.8	199.2	327.8	562.1	977.7	1,877.8	4,427.2
1980	146.2	35.4	68.4	119.8	200.5	335.4	584.0	1,043.6	1,989.2	4,649.9
1979	139.0	36.0	67.3	113.1	198.1	320.1	576.1	1,005.7	1,927.9	4,344.4
Other forms of chronic ischemic heart disease (412-414,429.2)										
All races, male										
1998	117.4	41.2	77.0	125.8	212.3	341.9	556.3	893.0	1,533.7	3,205.5
1997	120.0	43.7	79.2	134.6	227.9	351.7	572.4	919.2	1,555.9	3,330.5
1996	123.1	45.0	82.9	137.9	243.2	364.3	594.2	954.7	1,607.6	3,434.1
1995	124.9	44.7	86.9	143.3	240.7	381.1	613.7	975.3	1,646.3	3,514.2
1994	125.3	45.4	87.8	144.6	248.2	389.2	617.2	983.6	1,676.5	3,586.3
1993	128.4	46.9	87.1	152.2	253.1	409.4	633.5	1,022.3	1,744.3	3,695.3
1992	124.6	47.5	85.8	151.0	252.3	404.1	627.0	1,003.8	1,698.3	3,559.9
1991	126.3	48.4	87.3	154.3	258.0	408.7	648.5	1,025.8	1,732.2	3,670.9
1990	128.0	47.9	88.9	156.0	265.5	412.3	668.6	1,059.1	1,778.2	3,799.2
1989	129.6	49.5	93.6	162.4	269.8	423.5	666.2	1,078.1	1,820.2	3,826.7
1988	136.0	52.0	93.9	172.7	281.9	441.1	720.9	1,138.9	1,936.4	4,096.7
1987	136.0	51.5	100.2	170.9	285.2	440.1	728.8	1,147.8	1,942.8	4,093.4
1986	137.9	51.8	102.4	177.2	290.5	448.3	740.4	1,168.9	1,993.7	4,235.6
1985	140.1	55.6	104.9	177.0	289.6	451.6	751.7	1,193.7	2,106.6	4,416.2
1984	140.8	55.4	102.9	176.8	294.1	458.6	756.5	1,224.7	2,130.3	4,500.1
1983	144.5	56.4	106.8	183.8	295.0	473.5	778.8	1,281.8	2,217.7	4,687.0
1982	142.6	57.3	105.2	180.8	291.4	474.1	768.3	1,287.9	2,235.9	4,641.1
1981	144.9	58.9	108.5	185.7	299.5	482.1	790.3	1,302.8	2,322.3	4,792.0
1980	148.2	57.5	109.6	188.5	299.3	489.8	811.7	1,380.8	2,424.4	5,028.9
1979	142.8	58.9	109.9	180.8	301.4	471.6	807.5	1,323.9	2,348.4	4,695.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other forms of chronic ischemic heart disease (412-414,429.2)										
All races, female										
1998	114.8	10.7	21.5	42.4	84.7	148.6	266.6	470.0	938.5	2,790.2
1997	117.6	11.1	23.0	44.9	86.7	149.8	271.7	492.1	952.5	2,903.3
1996	120.7	11.9	24.8	46.4	90.1	154.9	282.0	510.6	1,001.5	2,974.4
1995	124.1	11.9	24.4	48.2	90.9	161.0	286.1	529.5	1,039.9	3,116.1
1994	123.6	11.6	24.4	48.2	91.3	159.1	287.4	534.2	1,062.1	3,134.8
1993	127.3	11.5	25.4	49.5	95.5	167.4	302.7	553.8	1,103.5	3,264.1
1992	122.2	10.9	24.7	48.4	91.2	162.8	295.1	539.3	1,079.5	3,172.6
1991	123.7	12.1	23.8	47.9	93.2	166.5	301.4	557.4	1,120.7	3,255.1
1990	126.2	12.1	25.9	50.4	95.2	168.5	311.2	586.0	1,159.3	3,418.4
1989	128.6	11.8	25.5	51.9	97.6	171.8	316.3	604.1	1,209.8	3,506.6
1988	134.8	12.3	27.4	54.6	101.1	180.8	336.2	640.7	1,287.8	3,746.3
1987	134.4	12.2	26.9	54.1	102.2	184.8	343.4	644.9	1,293.1	3,778.6
1986	135.8	12.4	27.1	51.5	105.2	184.7	350.1	665.5	1,353.9	3,871.4
1985	137.5	13.0	27.3	52.9	103.1	190.6	358.2	684.8	1,414.2	3,975.2
1984	139.1	13.2	27.5	55.0	107.3	196.3	373.5	712.8	1,476.6	4,035.6
1983	141.8	12.7	29.4	56.6	108.4	200.3	382.0	738.3	1,573.2	4,181.3
1982	138.7	14.2	27.9	53.8	108.9	198.8	382.3	747.4	1,589.5	4,131.6
1981	140.4	14.4	29.2	55.5	112.2	204.4	397.3	773.8	1,642.1	4,269.5
1980	144.4	14.5	30.3	58.5	115.3	211.9	419.3	832.1	1,757.7	4,484.1
1979	135.5	14.4	28.0	52.5	109.0	199.2	408.9	805.7	1,702.3	4,188.6
Other forms of chronic ischemic heart disease (412-414,429.2)										
White, both sexes										
1998	125.6	23.9	45.4	76.8	136.9	229.6	383.3	637.2	1,164.0	2,968.9
1997	128.4	25.0	46.8	81.9	144.8	235.7	392.1	662.1	1,178.3	3,086.9
1996	131.6	26.4	48.9	84.5	153.4	243.1	407.3	686.1	1,223.0	3,174.7
1995	134.0	25.3	50.7	86.7	152.9	251.5	414.6	704.3	1,257.5	3,297.1
1994	133.9	26.1	51.1	87.6	157.5	253.2	420.0	710.2	1,282.0	3,330.3
1993	137.1	26.8	50.9	91.2	159.8	265.7	435.0	735.0	1,329.9	3,452.0
1992	132.2	26.7	50.1	90.9	158.4	261.1	427.8	718.2	1,298.4	3,347.8
1991	133.6	27.6	49.5	91.9	162.1	263.8	439.2	737.9	1,333.9	3,442.0
1990	135.7	27.2	52.2	93.8	166.0	266.5	454.8	768.3	1,378.4	3,598.9
1989	137.5	27.3	53.7	97.7	167.0	274.3	455.2	783.5	1,427.9	3,677.6
1988	144.3	28.6	54.8	104.1	174.3	287.6	491.0	828.3	1,517.1	3,941.4
1987	143.9	28.7	57.6	103.2	177.9	289.5	496.8	836.1	1,521.6	3,962.9
1986	145.5	29.2	58.7	105.2	181.5	293.6	506.4	856.6	1,581.8	4,065.7
1985	147.6	31.1	59.8	104.6	180.6	297.8	513.5	878.2	1,661.7	4,220.3
1984	148.8	31.1	59.4	105.4	184.5	305.8	523.8	910.8	1,708.3	4,297.5
1983	151.6	30.9	61.0	108.7	184.4	314.4	535.9	946.9	1,802.3	4,456.2
1982	148.7	31.4	59.4	106.6	183.6	312.3	534.7	956.1	1,821.9	4,402.1
1981	150.5	32.6	62.1	109.5	188.2	319.1	550.4	978.2	1,887.1	4,547.8
1980	153.6	31.5	62.5	111.2	188.7	323.5	571.4	1,039.2	2,000.5	4,772.4
1979	146.0	32.3	60.7	104.8	188.3	308.6	562.4	1,002.3	1,954.9	4,472.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other forms of chronic ischemic heart disease (412-414,429.2)										
White, male										
1998	126.2	39.1	73.1	118.3	202.8	334.1	549.1	892.2	1,552.5	3,278.5
1997	128.8	40.8	75.0	127.1	216.3	345.9	563.7	919.1	1,572.6	3,410.3
1996	132.2	42.8	78.2	131.3	233.2	357.7	586.5	955.9	1,624.6	3,528.6
1995	133.2	41.2	81.3	134.2	231.0	370.2	601.0	974.7	1,661.8	3,601.2
1994	134.0	42.8	82.3	136.2	239.0	380.1	609.6	987.0	1,694.0	3,681.8
1993	136.8	44.5	82.0	143.0	242.4	398.3	625.6	1,025.0	1,757.6	3,786.4
1992	132.7	44.9	81.0	143.4	243.8	395.0	617.9	1,003.3	1,717.7	3,655.3
1991	134.0	45.9	80.7	146.1	248.6	397.6	639.5	1,031.3	1,739.3	3,764.6
1990	135.8	45.3	83.8	147.0	256.8	403.0	662.2	1,064.0	1,801.2	3,893.8
1989	136.9	45.4	87.0	154.3	257.4	413.2	660.6	1,080.0	1,842.4	3,933.9
1988	143.8	47.9	88.3	164.2	269.1	432.2	718.2	1,143.2	1,956.2	4,227.8
1987	143.5	48.1	93.9	164.5	275.0	430.4	723.0	1,151.6	1,961.1	4,221.1
1986	145.4	49.0	96.3	170.1	279.3	440.7	737.1	1,176.2	2,019.0	4,350.4
1985	147.7	52.0	98.4	169.4	279.6	444.5	746.3	1,203.2	2,130.4	4,571.8
1984	148.5	51.7	97.7	169.1	284.0	453.2	749.4	1,240.9	2,152.4	4,676.1
1983	151.9	52.3	99.9	175.4	283.9	469.6	772.3	1,296.2	2,236.8	4,859.6
1982	149.5	52.8	98.5	173.5	281.2	466.3	763.2	1,298.7	2,261.2	4,799.1
1981	151.7	54.7	101.9	177.0	288.1	477.0	785.7	1,317.4	2,345.6	4,946.8
1980	154.2	52.6	102.1	178.9	286.8	480.5	807.3	1,388.7	2,445.8	5,165.1
1979	148.5	54.6	101.1	170.7	291.4	463.6	801.8	1,337.3	2,389.1	4,844.1
Other forms of chronic ischemic heart disease (412-414,429.2)										
White, female										
1998	125.1	8.8	18.4	37.4	76.3	139.0	252.7	459.1	937.7	2,846.6
1997	128.1	9.5	19.4	39.0	79.2	140.7	258.1	483.6	951.7	2,961.0
1996	131.0	10.1	20.6	40.2	80.5	145.1	268.0	500.1	995.5	3,038.7
1995	134.6	9.6	21.0	41.9	81.9	150.9	269.9	519.9	1,032.3	3,181.1
1994	133.9	9.6	20.9	41.8	83.4	146.9	273.4	523.3	1,056.2	3,197.3
1993	137.5	9.4	20.9	42.5	85.1	155.5	288.4	540.9	1,098.4	3,325.9
1992	131.7	8.8	20.3	41.6	81.5	150.6	282.5	529.2	1,073.7	3,232.0
1991	133.3	9.6	19.4	41.2	84.6	153.9	287.2	545.5	1,118.7	3,320.3
1990	135.7	9.4	21.7	44.2	85.5	154.6	299.5	577.3	1,155.2	3,486.9
1989	138.1	9.5	21.7	44.9	87.4	160.2	302.2	592.8	1,210.1	3,581.4
1988	144.8	9.7	22.6	48.3	91.3	168.8	323.0	627.7	1,287.7	3,831.5
1987	144.3	9.8	22.8	46.6	93.1	173.5	330.7	636.3	1,292.8	3,862.9
1986	145.5	9.9	22.7	45.4	96.1	172.9	337.6	655.3	1,354.4	3,954.7
1985	147.5	10.9	23.1	45.3	94.0	178.0	344.0	674.5	1,418.0	4,082.5
1984	149.0	11.1	23.0	47.6	97.4	186.0	359.9	704.7	1,477.2	4,147.4
1983	151.3	10.2	24.1	48.5	97.3	188.7	364.6	729.3	1,575.4	4,293.9
1982	148.0	10.7	22.4	46.4	98.2	188.0	369.4	742.8	1,592.2	4,239.5
1981	149.4	11.3	24.6	48.7	101.0	191.9	380.6	767.0	1,646.9	4,380.8
1980	153.1	11.2	25.2	50.1	103.5	197.3	401.4	821.9	1,766.5	4,603.1
1979	143.6	10.9	22.9	45.3	98.7	184.4	390.5	795.2	1,724.9	4,305.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other forms of chronic ischemic heart disease (412-414,429.2)										
All other, both sexes										
1998	72.0	35.2	67.5	118.0	197.1	291.1	472.4	695.3	1,080.9	2,316.0
1997	73.5	38.1	72.0	125.5	208.3	289.5	488.0	703.3	1,105.0	2,398.4
1996	75.6	38.0	78.0	126.7	220.5	304.7	503.9	734.3	1,188.5	2,389.1
1995	79.1	43.3	80.0	138.0	217.8	332.1	546.6	755.9	1,243.9	2,521.6
1994	78.2	40.5	80.6	137.8	216.8	338.7	519.5	754.5	1,252.8	2,542.1
1993	82.0	41.5	83.3	147.1	236.6	360.5	538.9	795.2	1,315.9	2,677.9
1992	78.9	41.9	80.3	140.3	226.3	351.0	529.7	775.3	1,269.1	2,574.1
1991	80.9	43.6	86.1	144.0	230.2	366.3	550.7	784.4	1,326.4	2,616.5
1990	81.8	45.2	83.6	148.2	238.4	370.3	541.4	798.5	1,327.7	2,734.7
1989	84.4	48.8	89.1	152.6	258.4	371.5	554.6	844.5	1,345.2	2,734.8
1988	87.7	51.4	91.0	159.0	268.0	381.9	572.8	894.9	1,457.5	2,816.1
1987	87.7	47.9	93.9	156.7	258.2	385.3	590.1	877.1	1,464.6	2,841.7
1986	88.9	46.8	95.6	156.7	268.9	384.2	587.4	895.1	1,489.9	2,987.9
1985	89.2	50.5	97.9	166.2	265.3	391.2	616.5	912.1	1,552.1	2,794.6
1984	89.5	51.1	94.5	168.1	274.7	380.0	631.3	905.3	1,630.4	2,764.5
1983	93.6	53.8	107.4	179.3	287.2	389.2	665.3	957.0	1,722.1	2,907.7
1982	92.6	59.8	106.9	170.3	282.8	400.4	635.0	952.1	1,705.6	2,933.0
1981	95.1	59.1	106.7	177.7	296.7	404.8	673.4	973.3	1,770.5	3,057.4
1980	100.9	62.1	113.7	193.4	306.2	441.1	704.0	1,086.7	1,856.9	3,242.4
1979	95.5	62.0	119.3	184.2	289.6	421.8	710.3	1,039.1	1,608.5	2,859.8
Other forms of chronic ischemic heart disease (412-414,429.2)										
All other, male										
1998	75.6	52.8	101.2	174.3	275.5	399.8	619.8	900.9	1,333.8	2,521.0
1997	77.8	60.3	105.6	182.5	305.8	396.5	649.4	920.0	1,378.7	2,584.2
1996	78.6	57.9	112.9	181.0	312.1	415.7	664.2	942.4	1,428.4	2,556.7
1995	83.5	66.0	122.7	202.4	309.4	468.0	732.3	981.0	1,485.5	2,707.8
1994	81.8	61.0	123.3	200.9	314.9	463.5	687.8	949.2	1,497.7	2,696.1
1993	85.7	62.4	120.8	215.1	333.2	502.2	707.6	994.4	1,609.5	2,847.1
1992	82.7	64.3	116.5	203.4	318.6	480.6	713.7	1,009.4	1,501.1	2,673.1
1991	85.9	64.2	130.2	212.2	333.0	504.5	735.2	971.5	1,660.5	2,792.8
1990	86.2	65.4	122.8	221.8	336.8	494.1	729.9	1,011.0	1,548.8	2,916.4
1989	89.9	76.5	138.0	222.2	372.8	515.0	719.9	1,059.5	1,599.2	2,834.6
1988	93.3	79.5	132.3	237.8	390.0	520.8	747.3	1,098.6	1,739.3	2,883.5
1987	94.1	73.5	143.8	221.1	371.9	528.4	784.7	1,112.1	1,758.9	2,897.4
1986	95.2	70.1	144.8	234.0	388.2	518.3	771.4	1,100.5	1,738.0	3,157.3
1985	96.3	79.8	151.7	238.6	379.4	516.5	803.0	1,104.9	1,864.4	2,949.3
1984	96.0	80.7	140.7	240.4	385.4	508.2	823.6	1,074.8	1,905.0	2,850.0
1983	100.1	84.4	160.1	254.5	397.1	508.8	840.3	1,149.2	2,019.6	3,029.0
1982	100.9	88.5	158.1	243.1	387.2	545.9	816.6	1,188.0	1,972.3	3,109.0
1981	103.3	89.4	162.6	261.0	406.5	528.9	832.9	1,166.7	2,078.0	3,251.6
1980	110.4	94.4	171.8	273.3	416.7	574.6	853.4	1,307.2	2,195.2	3,637.2
1979	105.9	91.9	185.4	270.8	398.4	543.9	861.4	1,204.3	1,914.0	3,137.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other forms of chronic ischemic heart disease (412-414,429.2)										
All other, female										
1998	68.7	20.0	38.5	70.9	133.9	209.8	372.1	563.9	946.9	2,230.0
1997	69.6	19.0	43.3	77.8	130.4	209.8	377.8	566.1	960.5	2,320.1
1996	72.8	21.0	48.2	81.5	147.9	222.0	394.4	603.6	1,061.1	2,318.4
1995	74.9	23.8	43.5	84.6	145.9	231.2	419.5	615.3	1,115.4	2,442.3
1994	75.0	22.9	44.3	85.7	140.3	246.2	404.1	634.1	1,121.4	2,476.0
1993	78.5	23.6	51.4	91.2	161.8	255.8	422.3	673.1	1,155.8	2,604.9
1992	75.5	22.6	49.4	88.9	155.3	255.0	403.3	631.8	1,141.1	2,530.8
1991	76.2	25.9	48.6	88.7	151.5	264.1	424.5	668.7	1,141.7	2,538.5
1990	77.7	27.8	50.4	89.2	163.5	278.7	413.1	666.7	1,202.9	2,652.2
1989	79.3	25.0	47.8	96.5	171.1	264.3	441.6	710.1	1,206.6	2,673.3
1988	82.6	27.1	56.1	95.7	173.9	278.4	453.6	763.7	1,288.7	2,784.6
1987	81.8	25.8	52.2	105.0	170.4	278.7	457.0	726.8	1,296.4	2,815.3
1986	83.3	26.8	54.5	94.5	176.7	284.0	461.2	764.8	1,348.1	2,906.4
1985	82.7	25.4	53.7	107.6	176.0	296.7	486.4	785.7	1,371.7	2,719.3
1984	83.7	25.8	56.3	109.2	188.0	283.8	497.7	792.8	1,469.2	2,722.1
1983	87.7	27.7	64.4	118.1	200.3	299.4	543.0	828.2	1,547.3	2,847.5
1982	85.0	35.6	65.3	110.7	199.8	291.2	502.5	794.0	1,556.7	2,844.4
1981	87.7	33.6	61.6	109.0	208.5	311.0	555.0	842.5	1,584.0	2,935.4
1980	92.3	35.3	66.5	127.2	217.6	338.9	592.6	936.5	1,649.0	3,040.2
1979	86.2	37.4	65.5	112.0	201.5	327.5	593.7	913.2	1,418.1	2,741.2
Other forms of chronic ischemic heart disease (412-414,429.2)										
Black, both sexes										
1998	85.7	44.3	84.7	147.2	241.3	350.5	552.4	773.7	1,166.2	2,398.7
1997	87.4	47.9	90.2	152.9	255.4	337.0	567.6	786.2	1,195.2	2,488.2
1996	89.7	47.9	99.1	153.7	266.7	352.9	585.7	809.4	1,277.3	2,477.6
1995	94.2	55.5	100.7	170.0	262.8	386.7	629.8	842.5	1,336.6	2,608.4
1994	92.7	50.0	99.7	164.0	256.9	393.1	595.3	829.6	1,350.1	2,636.1
1993	97.7	52.1	104.4	178.7	282.4	420.8	619.6	878.6	1,392.5	2,781.7
1992	93.0	52.2	97.7	169.2	267.0	405.0	596.2	838.5	1,332.0	2,653.4
1991	95.9	54.8	105.1	171.3	270.7	422.6	623.5	850.7	1,412.1	2,701.8
1990	96.7	55.7	102.0	175.7	279.8	422.5	602.0	870.9	1,407.6	2,847.3
1989	99.6	60.2	108.7	178.7	301.2	423.1	619.1	924.4	1,429.1	2,828.6
1988	103.2	62.7	108.9	187.2	310.7	430.8	637.5	969.1	1,555.1	2,940.2
1987	102.6	58.0	110.7	181.4	299.5	438.0	652.2	949.1	1,563.1	2,967.3
1986	103.7	56.1	112.4	183.9	309.5	432.4	647.2	972.2	1,581.6	3,112.9
1985	103.2	60.9	116.2	190.4	303.0	435.8	677.2	980.6	1,649.0	2,885.1
1984	103.0	59.9	110.7	190.1	312.5	417.4	693.3	978.5	1,728.4	2,867.4
1983	107.1	63.0	124.1	203.7	321.9	428.7	728.3	1,031.7	1,829.1	2,999.5
1982	105.4	70.3	122.7	193.5	314.8	439.1	690.1	1,020.1	1,826.6	3,052.8
1981	108.0	69.6	121.7	199.6	332.1	445.1	729.4	1,039.8	1,907.7	3,195.2
1980	112.9	71.7	127.8	214.6	336.1	483.3	756.3	1,161.3	1,983.2	3,357.9
1979	104.9	70.7	133.0	200.8	314.5	448.9	760.0	1,079.5	1,666.2	2,919.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other forms of chronic ischemic heart disease (412-414,429.2)										
Black, male										
1998	88.1	65.0	126.2	216.8	332.8	479.7	727.7	995.9	1,472.4	2,591.6
1997	90.6	74.5	132.0	220.8	374.0	453.5	754.8	1,036.6	1,542.8	2,663.2
1996	91.5	71.5	142.4	220.2	377.4	474.4	774.3	1,043.4	1,574.3	2,639.2
1995	98.1	83.4	153.7	250.5	375.0	535.7	852.4	1,096.9	1,628.2	2,813.7
1994	95.0	73.2	152.0	238.8	371.1	533.1	790.8	1,054.1	1,649.8	2,745.2
1993	100.8	77.5	152.2	261.2	398.2	582.3	814.9	1,109.1	1,709.4	2,996.1
1992	96.3	79.8	141.1	245.2	375.1	554.4	810.7	1,106.5	1,576.5	2,780.0
1991	100.6	79.6	161.0	251.9	388.8	576.7	837.7	1,052.7	1,786.1	2,912.3
1990	100.7	80.5	150.3	264.8	393.6	560.9	816.7	1,115.9	1,670.5	3,039.1
1989	104.9	94.6	170.4	262.3	429.4	591.3	807.5	1,165.7	1,693.8	2,936.4
1988	108.2	96.8	159.7	278.1	448.6	587.8	829.6	1,196.6	1,871.3	3,024.6
1987	108.9	90.7	169.3	251.9	428.3	602.6	865.5	1,212.6	1,880.4	3,054.7
1986	109.8	84.1	170.7	272.3	443.6	581.0	849.6	1,205.8	1,822.2	3,323.8
1985	110.5	96.3	180.2	269.9	432.2	576.1	886.2	1,182.4	1,992.0	3,071.0
1984	109.2	94.9	163.2	271.2	439.2	557.0	910.2	1,164.7	2,009.5	2,972.1
1983	113.5	99.3	183.7	286.3	445.9	559.4	925.8	1,232.1	2,132.9	3,136.7
1982	113.5	103.6	180.6	274.7	430.0	594.9	898.3	1,268.3	2,083.8	3,179.3
1981	116.3	106.1	183.4	291.5	456.4	584.1	905.4	1,246.2	2,235.1	3,367.9
1980	122.1	108.0	191.5	302.8	455.4	633.0	920.5	1,401.1	2,324.4	3,710.6
1979	115.1	103.4	205.4	294.3	429.6	582.2	931.4	1,250.3	1,958.4	3,192.3
Other forms of chronic ischemic heart disease (412-414,429.2)										
Black, female										
1998	83.6	26.5	49.7	90.7	169.5	254.9	436.9	638.9	1,017.2	2,325.9
1997	84.5	25.2	55.2	98.0	162.9	250.7	444.4	635.3	1,027.1	2,421.6
1996	88.0	27.9	62.9	100.2	180.6	262.7	462.0	669.2	1,132.9	2,415.8
1995	90.6	31.8	56.5	105.4	175.7	276.1	484.0	691.0	1,194.7	2,528.8
1994	90.7	30.4	56.1	104.3	168.4	289.4	467.2	697.8	1,202.3	2,593.5
1993	94.9	30.7	64.8	112.7	193.3	302.4	490.0	744.8	1,233.7	2,696.7
1992	90.1	29.0	61.8	108.7	184.4	295.9	454.5	683.7	1,208.0	2,602.4
1991	91.6	34.0	59.1	107.3	180.8	310.7	482.2	732.9	1,222.2	2,615.4
1990	93.0	34.9	62.4	105.2	193.8	322.4	460.9	727.3	1,271.5	2,766.0
1989	94.8	31.3	58.2	112.1	204.0	301.2	496.3	781.7	1,290.3	2,800.7
1988	98.6	34.2	67.0	114.7	206.0	316.9	509.5	833.1	1,388.2	2,903.4
1987	97.0	30.8	62.7	125.1	201.1	318.1	510.1	789.6	1,392.4	2,928.5
1986	98.3	32.9	64.7	112.6	207.2	323.5	512.0	829.2	1,450.3	3,016.7
1985	96.6	31.5	63.8	125.9	203.2	332.9	539.0	854.9	1,460.1	2,798.5
1984	97.4	30.9	67.6	123.9	214.4	314.4	548.5	861.7	1,573.0	2,817.8
1983	101.3	33.0	75.6	136.4	225.9	332.5	596.4	900.0	1,657.2	2,933.1
1982	98.1	43.0	75.6	127.3	224.7	324.3	546.9	864.9	1,677.5	2,990.7
1981	100.6	39.4	71.7	124.8	234.0	343.5	606.4	906.1	1,716.7	3,081.4
1980	104.7	41.9	76.2	142.4	241.6	371.8	639.4	1,005.3	1,778.6	3,181.6
1979	95.9	43.6	74.0	124.0	223.1	349.1	636.6	958.5	1,484.7	2,782.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerotic cardiovascular disease, so described (429.2)										
All races, both sexes										
1998	24.2	7.9	15.8	24.6	39.4	56.0	80.9	123.8	215.1	553.8
1997	24.6	8.3	15.3	25.7	41.9	55.0	82.8	127.9	217.2	572.9
1996	25.4	8.4	16.0	26.2	43.6	57.3	85.6	131.7	230.0	604.7
1995	26.7	8.1	16.8	27.0	43.3	60.5	92.1	142.1	246.0	649.1
1994	27.1	8.2	17.7	27.2	45.0	62.4	92.7	144.9	256.4	658.4
1993	27.9	8.5	16.8	29.2	46.3	66.0	96.7	149.8	264.7	695.8
1992	26.9	8.2	16.1	26.7	44.6	62.9	93.5	145.3	261.5	685.1
1991	27.4	8.5	15.9	26.3	44.0	65.1	96.5	151.3	273.5	711.8
1990	27.8	8.1	16.6	26.9	45.5	64.8	98.0	157.1	283.0	743.1
1989	28.7	8.0	16.4	28.2	45.8	66.0	100.2	165.1	299.9	781.1
1988	29.8	7.8	15.8	28.3	45.9	67.7	106.5	174.1	316.5	839.7
1987	29.9	7.6	16.1	27.6	44.6	67.9	109.0	176.7	324.6	852.5
1986	30.3	7.7	16.0	27.8	45.1	66.7	108.7	181.3	339.1	890.7
1985	30.1	7.4	14.7	25.6	44.6	66.9	109.5	185.0	355.4	895.5
1984	30.5	7.2	14.7	26.5	45.1	67.9	113.5	188.6	366.3	921.9
1983	31.0	7.7	16.1	26.8	44.6	69.0	113.6	198.9	387.6	944.6
1982	29.4	7.6	13.9	24.8	42.0	65.9	108.8	195.9	378.7	910.2
1981	30.1	7.8	15.8	25.3	43.0	68.2	115.5	204.0	390.5	947.5
1980	30.9	8.0	16.0	27.2	44.5	70.1	119.1	215.4	410.7	990.3
1979	29.4	8.5	16.4	26.8	44.4	67.5	117.5	207.5	400.0	914.9
Atherosclerotic cardiovascular disease, so described (429.2)										
All races, male										
1998	25.0	12.9	25.9	38.1	58.9	82.7	113.2	165.0	270.5	573.4
1997	25.3	13.6	24.7	39.7	63.7	80.8	116.7	168.2	272.2	597.3
1996	26.2	13.7	26.1	41.0	65.9	84.1	119.9	174.3	286.8	649.1
1995	27.1	12.9	27.1	42.3	65.0	88.8	130.6	186.8	307.2	671.4
1994	27.7	13.1	28.9	42.8	68.2	94.0	129.7	191.4	320.4	702.6
1993	28.4	13.7	26.8	45.7	69.5	98.9	134.7	197.7	336.1	723.5
1992	27.2	13.8	25.7	42.5	67.8	93.7	130.7	190.2	330.5	703.8
1991	27.8	14.0	25.8	41.8	68.4	95.9	136.7	198.4	343.8	741.7
1990	28.0	13.2	26.4	41.6	69.6	96.6	138.1	208.0	354.7	767.8
1989	28.7	13.2	26.3	44.1	69.9	99.2	139.8	216.1	368.5	798.9
1988	29.6	13.1	24.9	45.4	70.1	99.7	149.5	230.3	394.1	854.8
1987	29.6	12.4	26.3	43.5	67.8	99.5	153.2	232.8	398.3	864.3
1986	30.0	12.7	25.8	44.9	68.2	100.0	152.7	238.9	416.8	907.3
1985	29.6	12.3	24.0	40.6	67.5	97.8	150.9	238.2	434.6	931.5
1984	30.0	11.9	23.7	41.1	67.7	99.1	157.2	246.5	438.2	961.8
1983	30.7	13.1	25.9	42.5	66.4	98.7	156.1	260.3	473.0	996.2
1982	29.0	12.4	22.5	38.8	62.8	94.8	152.3	257.6	453.4	940.9
1981	29.9	13.1	25.3	40.4	64.0	99.5	156.1	265.9	470.2	986.9
1980	30.7	12.6	25.3	42.7	65.2	100.6	162.0	281.1	485.4	1,042.8
1979	29.8	13.9	26.3	42.6	66.7	98.6	160.9	268.4	470.4	960.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerotic cardiovascular disease, so described (429.2)										
All races, female										
1998	23.4	3.0	6.1	12.0	21.9	33.4	55.8	95.2	183.1	546.0
1997	23.9	3.1	6.4	12.7	22.3	33.1	56.8	100.2	185.8	563.3
1996	24.7	3.2	6.3	12.5	23.5	34.7	59.3	102.5	198.0	587.5
1995	26.4	3.4	7.0	12.8	23.9	36.9	62.6	111.8	212.0	640.5
1994	26.5	3.5	7.1	12.8	24.3	36.4	64.4	113.7	221.4	641.5
1993	27.5	3.4	7.2	13.9	25.8	39.0	67.8	118.1	226.0	685.3
1992	26.6	2.7	6.9	12.2	24.2	37.8	65.3	115.6	224.4	678.0
1991	27.1	3.2	6.5	12.1	22.6	40.2	66.3	120.6	236.0	700.4
1990	27.6	3.2	7.4	13.4	24.5	38.9	68.2	124.4	244.9	733.5
1989	28.7	3.0	7.1	13.7	24.9	39.1	70.9	132.4	263.7	774.1
1988	29.9	2.7	7.2	12.7	25.1	41.6	74.9	138.2	275.5	833.8
1987	30.2	2.9	6.6	13.1	24.6	42.2	76.8	141.0	286.0	847.8
1986	30.5	2.9	6.8	12.4	25.1	39.7	76.8	144.9	298.4	884.2
1985	30.6	2.6	5.9	12.1	24.9	41.8	79.6	151.5	313.8	881.2
1984	30.9	2.7	6.4	13.5	25.5	42.8	81.9	152.2	328.5	905.7
1983	31.3	2.6	7.1	12.8	25.8	45.2	82.8	160.4	342.5	923.5
1982	29.7	3.0	6.0	12.4	24.0	42.7	77.4	157.3	339.3	897.4
1981	30.3	2.7	6.9	11.8	24.8	43.2	86.2	165.1	348.2	930.2
1980	31.0	3.7	7.4	13.4	26.7	45.7	88.0	174.2	370.9	967.4
1979	29.0	3.4	7.2	12.6	25.2	42.6	86.2	169.2	362.3	894.5
Atherosclerotic cardiovascular disease, so described (429.2)										
White, both sexes										
1998	24.8	7.1	14.0	21.5	34.2	50.1	72.6	115.9	208.0	550.3
1997	25.2	7.4	13.4	22.6	36.5	49.8	75.4	121.0	209.1	571.3
1996	26.1	7.4	13.8	22.9	37.6	51.3	77.4	124.0	221.7	606.0
1995	27.2	6.9	14.9	22.9	37.8	53.8	83.1	132.6	235.6	645.7
1994	27.6	7.1	15.1	23.9	39.4	55.6	84.6	136.1	245.1	657.6
1993	28.2	7.3	14.1	24.7	39.5	58.2	87.3	140.0	252.6	692.4
1992	27.2	7.2	13.9	22.7	38.3	55.7	83.9	135.5	250.2	681.0
1991	27.7	7.3	13.3	22.3	38.4	57.4	86.8	141.5	262.5	705.9
1990	28.0	6.8	14.2	22.5	39.4	56.9	89.5	148.1	270.8	738.2
1989	28.8	6.5	13.7	24.1	38.8	57.9	90.1	153.1	287.2	777.8
1988	30.0	6.5	13.2	24.0	39.3	60.1	97.8	162.5	304.2	839.4
1987	30.2	6.3	13.6	24.0	38.7	60.4	100.3	165.3	311.2	851.2
1986	30.5	6.6	13.1	23.8	39.2	59.3	99.6	170.1	326.1	888.8
1985	30.5	6.4	12.3	22.2	38.9	59.7	99.4	175.0	345.1	902.1
1984	30.9	6.0	12.7	22.7	39.3	61.4	104.4	179.6	352.5	930.0
1983	31.3	6.3	13.3	22.5	38.5	62.2	103.1	189.4	376.3	954.7
1982	29.7	6.0	11.7	21.3	36.5	59.1	100.1	187.4	367.4	918.4
1981	30.4	6.4	13.1	21.6	37.5	62.3	106.3	195.2	380.5	954.7
1980	30.9	6.3	13.4	23.0	38.2	62.9	108.9	204.9	400.3	995.2
1979	29.4	6.7	13.4	22.4	38.8	60.2	106.7	197.5	393.6	921.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerotic cardiovascular disease, so described (429.2)										
White, male										
1998	25.1	11.9	23.3	33.8	52.1	74.3	102.3	154.0	261.7	567.0
1997	25.4	12.3	22.1	35.4	55.4	73.6	107.1	159.4	261.1	591.0
1996	26.3	12.4	23.0	36.2	57.9	76.0	109.2	164.0	277.3	649.3
1995	27.0	11.4	24.0	36.4	57.2	79.1	118.2	174.6	295.8	666.7
1994	27.7	11.6	25.2	38.3	60.6	84.6	119.6	180.9	305.5	697.4
1993	28.1	12.2	23.2	39.3	61.0	87.4	122.9	186.2	321.4	717.2
1992	26.8	12.4	22.7	36.9	59.3	83.7	116.8	178.0	316.1	693.6
1991	27.3	12.6	22.2	35.7	60.1	85.0	123.3	186.9	328.8	726.7
1990	27.7	11.6	23.0	34.9	61.3	86.6	127.7	196.9	337.1	756.8
1989	28.1	11.2	22.4	38.6	59.9	87.2	126.6	200.9	352.0	791.3
1988	29.3	11.3	21.4	39.1	60.6	90.4	139.5	216.0	379.8	854.3
1987	29.3	10.6	22.5	38.9	59.2	89.6	142.2	219.2	383.1	859.9
1986	29.5	11.1	21.8	38.8	59.8	90.3	140.7	224.6	401.1	898.6
1985	29.3	10.8	20.5	36.0	59.4	88.4	138.0	228.1	421.6	936.5
1984	29.8	10.0	21.0	36.3	59.7	90.7	145.6	237.6	419.5	970.4
1983	30.4	10.9	22.1	36.7	58.8	90.7	143.4	249.9	459.1	1,011.5
1982	28.8	10.3	19.5	34.1	55.6	85.9	140.7	246.8	439.6	953.1
1981	29.6	11.2	21.4	35.3	56.7	91.9	145.7	253.8	457.7	987.1
1980	30.2	10.2	21.8	37.1	56.5	92.8	151.1	269.5	471.9	1,043.2
1979	29.2	11.5	21.7	36.4	59.1	89.9	148.8	257.1	459.4	966.5
Atherosclerotic cardiovascular disease, so described (429.2)										
White, female										
1998	24.4	2.4	4.9	9.8	17.8	29.0	49.2	89.2	176.8	543.8
1997	25.0	2.6	5.0	10.4	19.2	29.3	50.7	94.3	179.3	563.7
1996	25.8	2.5	4.8	10.2	19.1	30.2	52.7	96.3	190.1	589.3
1995	27.4	2.5	6.0	10.2	20.3	32.2	55.9	104.0	202.1	637.7
1994	27.5	2.6	5.3	10.4	20.2	31.2	57.6	105.8	212.0	642.5
1993	28.3	2.4	5.4	10.9	20.0	33.9	60.0	109.1	215.4	683.1
1992	27.5	2.0	5.4	9.5	19.5	32.6	58.7	107.3	214.9	676.3
1991	27.9	2.2	4.7	9.7	18.9	34.8	59.0	111.7	227.2	698.0
1990	28.3	2.1	5.7	10.8	20.0	32.5	60.9	116.5	235.8	731.1
1989	29.5	2.0	5.3	10.6	20.1	33.8	62.9	122.3	253.2	773.0
1988	30.7	1.8	5.3	10.1	20.6	35.3	67.0	128.4	264.7	833.7
1987	31.0	2.1	5.1	10.2	20.7	36.4	69.6	131.2	273.8	847.8
1986	31.4	2.2	4.9	9.9	21.1	33.8	69.6	135.8	287.0	884.9
1985	31.6	2.2	4.5	9.6	20.9	36.3	71.3	141.7	305.3	888.7
1984	31.9	2.2	4.8	10.3	21.4	37.7	74.4	143.3	317.7	914.0
1983	32.1	1.9	5.0	9.7	20.7	39.1	73.9	151.7	333.1	931.8
1982	30.6	2.0	4.3	9.8	19.8	37.5	70.8	150.4	329.7	904.2
1981	31.2	1.7	5.3	9.4	20.7	38.4	77.8	158.7	340.0	941.1
1980	31.6	2.6	5.4	10.2	22.2	38.9	78.5	164.7	362.7	974.4
1979	29.6	2.0	5.7	9.8	21.1	36.3	76.4	160.6	358.7	900.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerotic cardiovascular disease, so described (429.2)										
All other, both sexes										
1998	21.7	11.9	26.2	43.5	71.7	96.7	147.7	194.3	285.5	587.5
1997	21.5	12.8	26.6	44.5	75.8	91.1	144.1	190.9	297.8	588.3
1996	22.5	13.6	28.7	46.7	81.5	100.5	155.2	202.6	314.4	592.3
1995	24.4	14.6	28.5	51.6	78.8	110.3	170.1	230.2	350.4	682.6
1994	24.5	15.0	33.7	47.7	82.1	114.5	163.0	228.1	369.7	666.9
1993	26.6	15.6	32.8	57.6	93.5	127.2	179.2	243.7	387.4	730.8
1992	25.5	14.2	29.0	52.1	89.7	119.8	178.8	238.0	378.4	727.6
1991	26.2	15.4	31.5	52.9	85.4	127.7	184.6	245.3	387.6	774.0
1990	26.7	16.3	31.9	56.6	91.5	130.2	175.1	242.4	409.6	794.7
1989	28.5	16.9	33.7	56.4	100.1	134.3	193.1	278.7	432.3	816.0
1988	28.4	15.9	32.5	58.4	98.0	131.7	186.2	283.0	446.9	842.7
1987	28.5	15.3	32.5	53.6	91.3	133.2	188.8	284.4	467.9	866.3
1986	29.0	14.4	34.8	58.1	93.3	131.8	192.1	288.0	479.1	912.1
1985	27.7	13.3	30.5	51.5	93.2	129.5	203.3	281.5	467.6	823.3
1984	28.2	14.5	28.9	56.4	94.4	124.9	198.2	275.3	517.9	833.2
1983	29.1	16.6	35.8	60.9	97.8	129.2	210.6	291.2	513.4	832.7
1982	27.4	17.5	29.9	53.0	91.0	125.4	190.4	278.6	505.6	818.5
1981	28.2	16.9	35.7	55.4	92.3	120.6	202.7	289.6	506.6	865.8
1980	30.5	20.0	36.3	63.1	102.0	133.8	216.2	319.3	533.2	934.8
1979	29.7	21.6	40.0	63.8	97.0	132.2	223.6	304.8	476.3	841.4
Atherosclerotic cardiovascular disease, so described (429.2)										
All other, male										
1998	24.7	18.5	42.1	66.2	104.4	144.3	208.9	268.5	364.0	633.9
1997	24.6	21.2	40.8	67.2	119.7	135.4	202.3	253.0	389.9	656.2
1996	25.5	21.7	45.1	71.7	121.1	147.2	217.4	274.5	387.1	646.9
1995	27.6	22.2	46.8	80.7	120.7	165.8	246.5	306.7	426.0	714.3
1994	27.6	22.7	52.9	72.6	123.3	170.0	224.4	295.9	472.5	750.7
1993	29.7	23.4	50.5	89.0	133.4	195.2	245.5	313.2	485.6	781.9
1992	28.9	23.2	44.7	81.2	133.6	177.4	262.3	312.4	477.8	798.4
1991	30.0	23.4	49.0	84.6	134.2	189.3	265.3	312.0	494.6	882.0
1990	30.0	23.6	48.8	90.1	137.8	184.6	238.5	314.5	529.7	871.0
1989	32.3	26.4	52.4	85.0	153.1	205.1	267.7	361.7	532.2	869.1
1988	31.4	25.5	48.8	93.3	150.1	183.3	246.0	365.8	536.8	859.5
1987	31.7	24.2	52.7	79.8	140.3	190.0	258.3	361.4	550.9	905.2
1986	32.9	22.8	54.4	93.4	141.5	188.8	266.1	373.8	575.0	989.3
1985	31.0	22.3	49.1	77.6	139.3	184.4	273.7	333.0	566.3	884.9
1984	31.3	25.0	43.7	80.4	140.3	175.7	266.9	329.2	628.7	881.9
1983	32.1	27.9	54.5	91.0	135.7	172.4	276.1	356.3	617.5	849.3
1982	30.8	26.9	46.0	79.0	129.7	175.6	261.2	357.6	597.9	822.4
1981	32.1	26.3	57.0	84.9	132.4	168.3	253.0	378.5	602.2	984.4
1980	33.9	31.0	54.3	92.3	146.9	171.7	264.5	389.6	629.3	1,038.5
1979	34.2	32.7	65.8	97.6	139.6	177.0	275.0	369.6	588.4	903.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerotic cardiovascular disease, so described (429.2)										
All other, female										
1998	18.9	6.1	12.6	24.5	45.3	61.2	106.1	146.9	243.9	568.1
1997	18.6	5.6	14.3	25.5	40.7	58.0	104.4	151.5	249.1	559.7
1996	19.8	6.6	14.7	26.0	50.2	65.7	112.7	157.5	275.8	569.3
1995	21.5	8.1	12.9	27.5	45.9	69.1	117.8	182.4	310.2	669.0
1994	21.7	8.4	17.3	27.2	50.0	73.3	120.9	186.3	314.6	630.9
1993	23.7	9.0	17.7	31.9	62.6	77.0	133.4	201.0	333.9	708.8
1992	22.4	6.4	15.7	28.4	55.9	77.2	121.5	192.4	323.5	696.6
1991	22.8	8.4	16.6	27.2	47.9	82.0	129.4	204.2	328.4	726.3
1990	23.7	9.9	17.7	29.8	56.3	90.1	131.9	197.6	341.8	760.1
1989	24.9	8.7	17.8	33.3	59.7	81.5	142.0	226.8	377.4	786.9
1988	25.7	7.7	18.8	30.3	57.9	93.3	145.3	230.0	393.1	834.9
1987	25.6	7.6	15.5	32.7	53.5	90.8	141.2	235.1	420.4	847.9
1986	25.6	7.3	18.4	29.6	56.1	89.1	141.3	233.3	424.3	875.0
1985	24.8	5.5	15.1	30.3	57.1	88.2	154.3	247.8	410.6	793.3
1984	25.3	5.6	16.7	36.9	58.4	86.8	150.5	239.5	452.9	809.0
1983	26.4	6.9	20.5	36.4	67.9	96.8	164.7	247.6	452.1	824.5
1982	24.3	9.5	16.9	31.7	60.1	87.6	138.9	225.6	453.5	816.5
1981	24.6	9.0	18.5	31.0	60.1	84.5	165.4	229.5	448.7	799.2
1980	27.4	10.9	21.6	38.9	66.0	104.8	180.2	271.5	474.0	881.6
1979	25.6	12.4	19.0	35.6	62.5	97.6	183.9	256.2	406.5	816.7
Atherosclerotic cardiovascular disease, so described (429.2)										
Black, both sexes										
1998	26.7	15.2	33.2	56.5	88.9	120.4	181.0	226.9	318.0	633.5
1997	26.4	16.3	33.7	55.7	93.4	111.6	172.9	220.6	337.9	633.8
1996	27.5	17.2	36.9	58.3	101.7	121.1	185.2	230.6	351.1	628.4
1995	30.0	19.1	36.5	64.0	96.4	132.2	202.1	265.5	393.9	730.6
1994	29.8	19.0	42.4	57.3	98.8	136.6	194.4	258.4	416.2	706.7
1993	32.5	20.2	41.6	71.4	114.4	149.8	211.4	276.3	423.2	784.1
1992	30.9	18.3	35.3	64.1	109.6	143.3	206.0	265.6	407.3	774.5
1991	31.8	19.3	39.2	64.3	103.0	151.9	213.0	272.6	418.9	806.2
1990	32.2	20.5	38.8	68.9	108.5	151.6	198.4	271.7	441.6	847.1
1989	34.3	21.3	42.0	66.8	117.7	155.3	219.5	314.6	465.6	870.0
1988	34.0	19.9	39.6	69.8	115.4	151.4	209.9	308.9	486.8	893.9
1987	34.0	19.0	38.8	62.4	106.7	153.5	212.5	314.2	509.1	926.0
1986	34.6	17.4	41.7	68.3	111.0	150.7	216.5	322.3	520.4	968.2
1985	32.6	16.2	36.1	60.0	107.2	146.3	227.7	305.9	506.5	864.6
1984	33.0	17.3	34.0	64.7	109.1	139.3	221.1	305.5	560.2	884.7
1983	34.0	20.0	41.2	70.1	111.9	145.6	235.4	320.1	554.6	887.5
1982	31.9	21.2	34.8	61.1	103.4	141.7	212.1	308.0	550.5	867.0
1981	32.7	20.6	41.7	63.2	104.9	134.6	222.9	312.7	561.2	935.7
1980	34.9	23.9	41.7	71.3	112.8	149.5	237.6	349.0	583.5	989.0
1979	33.5	25.2	45.8	71.6	106.2	144.8	245.9	322.2	502.0	892.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerotic cardiovascular disease, so described (429.2)										
Black, male										
1998	30.1	23.4	53.2	86.5	128.4	180.0	260.6	313.2	423.8	679.3
1997	30.1	26.8	52.2	84.9	148.0	164.9	241.9	299.3	468.4	729.5
1996	30.9	27.0	58.0	91.1	151.9	177.0	265.2	317.1	452.8	686.8
1995	33.8	28.6	60.2	101.3	147.5	197.8	299.0	359.7	498.5	779.5
1994	33.3	27.9	67.6	87.3	146.0	202.6	271.0	340.2	559.0	794.0
1993	36.3	29.6	65.4	110.5	163.9	230.1	293.0	359.2	545.3	873.0
1992	34.9	29.9	54.3	101.2	164.3	213.1	304.7	353.9	525.2	868.7
1991	36.1	29.3	61.9	103.0	161.1	225.0	309.1	345.5	542.2	939.3
1990	36.1	30.4	59.4	110.7	162.9	214.3	272.8	361.0	590.7	950.7
1989	38.8	33.8	66.2	101.5	180.0	240.6	309.9	412.9	577.3	937.9
1988	37.3	32.0	60.3	112.0	177.8	211.9	279.2	400.6	600.0	916.9
1987	37.6	30.7	63.6	91.9	163.1	222.5	291.2	406.3	600.0	989.1
1986	39.1	27.8	65.1	109.9	167.7	216.3	302.8	429.7	634.4	1,061.9
1985	36.3	27.5	58.5	89.5	161.3	208.8	310.2	365.3	625.3	945.2
1984	36.5	30.2	50.9	91.6	162.0	196.4	302.4	371.9	689.3	936.1
1983	37.3	34.2	62.1	104.0	156.3	194.6	311.1	393.3	667.1	908.3
1982	35.8	33.1	53.0	90.9	148.4	199.7	297.1	399.4	651.3	862.1
1981	37.1	32.3	66.7	97.0	151.3	190.1	282.0	408.9	670.1	1,064.3
1980	38.7	37.1	62.0	105.8	164.0	192.6	294.9	432.2	685.1	1,101.7
1979	38.5	38.0	75.8	110.4	153.0	197.0	309.3	393.2	616.9	967.3
Atherosclerotic cardiovascular disease, so described (429.2)										
Black, female										
1998	23.7	8.2	16.4	32.2	58.1	76.1	128.6	174.6	266.5	616.2
1997	23.1	7.4	18.2	32.1	50.8	72.1	127.5	173.2	274.8	597.3
1996	24.4	9.0	19.3	31.9	62.7	79.7	132.7	178.8	301.6	606.0
1995	26.6	10.9	16.8	34.1	56.7	83.5	138.7	209.4	343.0	711.6
1994	26.8	11.5	21.4	33.3	62.2	87.8	144.2	210.3	345.8	672.6
1993	29.1	12.2	21.9	40.0	76.2	90.9	157.3	228.2	362.1	748.9
1992	27.3	8.4	19.7	34.6	67.8	92.3	140.8	214.6	347.6	736.4
1991	27.9	10.9	20.6	33.7	58.8	98.8	149.6	230.1	356.3	751.5
1990	28.7	12.2	21.9	35.8	67.4	106.2	149.6	219.5	364.3	803.3
1989	30.2	10.8	22.2	39.1	70.5	93.5	160.5	256.5	407.0	846.4
1988	31.0	9.7	22.5	36.1	68.0	107.4	163.7	254.1	427.0	883.9
1987	30.7	9.3	18.5	38.9	63.7	103.2	160.1	258.5	460.2	897.9
1986	30.5	8.7	22.5	34.8	67.7	102.6	159.0	256.6	458.2	925.4
1985	29.2	6.9	17.8	36.2	65.4	100.4	173.1	268.9	441.1	827.1
1984	29.8	6.7	20.2	42.7	68.1	97.2	166.8	263.9	488.8	860.5
1983	31.1	8.3	24.2	42.6	77.6	109.5	184.7	272.2	491.0	877.4
1982	28.4	11.4	20.0	36.7	68.2	98.9	153.7	250.6	492.0	869.5
1981	28.7	10.9	21.6	35.7	68.4	94.0	181.6	250.4	497.7	863.7
1980	31.5	13.2	25.4	43.2	72.3	117.4	196.8	294.9	522.6	932.6
1979	28.9	14.6	21.4	39.8	69.0	105.8	200.3	272.5	430.6	855.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of chronic ischemic heart disease (412-414)										
All races, both sexes										
1998	91.9	17.9	32.8	58.1	105.8	181.4	312.2	519.3	941.4	2,354.5
1997	94.2	18.8	35.1	62.4	111.6	187.4	319.6	538.3	954.5	2,450.8
1996	96.4	19.8	37.2	64.2	118.9	193.3	331.9	559.1	989.9	2,498.0
1995	97.8	19.9	38.1	66.9	118.3	200.7	336.1	567.2	1,010.3	2,577.7
1994	97.4	20.0	37.6	67.3	120.2	200.8	337.6	569.6	1,023.0	2,601.4
1993	99.9	20.5	38.7	69.7	123.2	210.4	348.9	590.9	1,064.0	2,687.4
1992	96.5	20.7	38.4	70.9	122.1	208.3	344.6	578.4	1,034.4	2,594.4
1991	97.6	21.4	38.8	72.5	126.2	209.9	353.8	591.0	1,059.8	2,658.4
1990	99.2	21.6	39.9	74.0	129.0	212.9	365.4	614.1	1,091.0	2,781.3
1989	100.4	22.3	42.1	76.5	131.7	218.6	364.8	624.2	1,120.8	2,815.2
1988	105.6	23.9	43.9	82.6	138.9	229.9	392.6	660.6	1,195.4	3,004.9
1987	105.3	23.8	46.3	82.1	142.3	231.5	397.0	663.4	1,192.1	3,015.1
1986	106.6	24.0	47.5	83.5	145.9	236.2	405.6	678.9	1,234.9	3,084.1
1985	108.7	26.5	50.1	86.2	144.9	240.5	414.0	696.4	1,297.2	3,205.5
1984	109.5	26.7	49.1	86.1	148.9	245.5	420.8	721.7	1,335.6	3,247.4
1983	112.1	26.3	50.6	89.8	150.4	253.0	434.9	748.9	1,408.1	3,383.7
1982	111.2	27.6	51.2	88.8	151.7	255.4	435.5	759.8	1,433.8	3,371.4
1981	112.5	28.3	51.6	91.6	156.1	259.6	446.6	773.7	1,487.3	3,479.7
1980	115.4	27.3	52.3	92.6	155.9	265.3	464.9	828.2	1,578.6	3,659.5
1979	109.6	27.5	50.9	86.3	153.7	252.6	458.6	798.3	1,527.9	3,429.5
All other forms of chronic ischemic heart disease (412-414)										
All races, male										
1998	92.4	28.3	51.1	87.7	153.4	259.3	443.1	728.0	1,263.2	2,632.0
1997	94.8	30.1	54.5	94.9	164.2	270.9	455.7	751.0	1,283.7	2,733.2
1996	96.9	31.2	56.9	97.0	177.3	280.1	474.3	780.3	1,320.8	2,785.0
1995	97.8	31.8	59.8	100.9	175.7	292.3	483.1	788.5	1,339.1	2,842.8
1994	97.6	32.2	58.9	101.8	180.1	295.3	487.5	792.2	1,356.1	2,883.7
1993	100.0	33.2	60.3	106.5	183.6	310.5	498.8	824.6	1,408.2	2,971.8
1992	97.4	33.6	60.1	108.5	184.6	310.4	496.3	813.6	1,367.8	2,856.1
1991	98.6	34.4	61.5	112.5	189.6	312.9	511.8	827.4	1,388.4	2,929.2
1990	99.9	34.7	62.6	114.4	195.9	315.7	530.4	851.1	1,423.5	3,031.4
1989	100.9	36.3	67.2	118.3	199.8	324.3	526.4	862.0	1,451.7	3,027.8
1988	106.4	38.9	69.1	127.4	211.8	341.4	571.4	908.6	1,542.3	3,241.9
1987	106.3	39.0	73.9	127.4	217.5	340.6	575.6	914.9	1,544.5	3,229.1
1986	107.8	39.1	76.6	132.3	222.3	348.4	587.7	930.0	1,576.9	3,328.2
1985	110.6	43.3	80.9	136.4	222.2	353.7	600.8	955.4	1,672.1	3,484.6
1984	110.8	43.5	79.2	135.8	226.4	359.5	599.3	978.2	1,692.1	3,538.3
1983	113.8	43.3	81.0	141.4	228.6	374.8	622.7	1,021.5	1,744.6	3,690.8
1982	113.6	44.9	82.7	142.0	228.7	379.4	616.0	1,030.3	1,782.5	3,700.3
1981	115.0	45.9	83.2	145.3	235.5	382.6	634.2	1,036.8	1,852.1	3,805.1
1980	117.5	44.9	84.3	145.8	234.1	389.2	649.7	1,099.7	1,939.0	3,986.1
1979	112.9	45.0	83.6	138.2	234.8	373.0	646.6	1,055.5	1,878.0	3,734.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of chronic ischemic heart disease (412-414)										
All races, female										
1998	91.4	7.7	15.4	30.4	62.9	115.2	210.8	374.7	755.5	2,244.2
1997	93.7	8.0	16.6	32.2	64.4	116.7	214.9	391.9	766.7	2,340.0
1996	95.9	8.7	18.5	33.8	66.6	120.2	222.6	408.0	803.5	2,386.8
1995	97.8	8.5	17.4	35.4	67.1	124.2	223.5	417.6	827.9	2,475.6
1994	97.2	8.1	17.3	35.3	66.9	122.7	223.1	420.5	840.7	2,493.3
1993	99.8	8.1	18.2	35.6	69.7	128.4	234.8	435.7	877.5	2,578.9
1992	95.6	8.2	17.7	36.2	66.9	125.0	229.8	423.6	855.2	2,494.6
1991	96.7	8.9	17.3	35.8	70.5	126.3	235.1	436.8	884.7	2,554.7
1990	98.6	8.9	18.5	37.0	70.7	129.5	243.0	461.7	914.4	2,684.8
1989	99.9	8.8	18.4	38.2	72.7	132.7	245.4	471.7	946.0	2,732.5
1988	104.9	9.6	20.2	41.8	76.0	139.2	261.3	502.5	1,012.2	2,912.4
1987	104.3	9.3	20.4	41.0	77.6	142.6	266.6	503.8	1,007.2	2,930.8
1986	105.3	9.5	20.3	39.2	80.1	145.0	273.2	520.6	1,055.5	2,987.3
1985	107.0	10.3	21.3	40.8	78.2	148.8	278.7	533.3	1,100.4	3,094.1
1984	108.2	10.6	21.0	41.5	81.8	153.5	291.6	560.6	1,148.1	3,129.8
1983	110.5	10.1	22.4	43.8	82.6	155.1	299.2	577.9	1,230.7	3,257.8
1982	109.0	11.2	22.0	41.5	84.9	156.1	304.9	590.2	1,250.2	3,234.2
1981	110.1	11.6	22.3	43.7	87.4	161.1	311.1	608.7	1,293.9	3,339.3
1980	113.4	10.8	22.9	45.1	88.6	166.2	331.2	657.9	1,386.8	3,516.7
1979	106.5	11.0	20.7	39.9	83.8	156.5	322.8	636.6	1,340.0	3,294.1
All other forms of chronic ischemic heart disease (412-414)										
White, both sexes										
1998	100.9	16.8	31.4	55.3	102.7	179.6	310.7	521.3	956.0	2,418.6
1997	103.2	17.6	33.4	59.3	108.3	185.8	316.7	541.1	969.2	2,515.5
1996	105.6	18.9	35.1	61.6	115.8	191.8	329.9	562.1	1,001.3	2,568.7
1995	106.7	18.4	35.8	63.8	115.1	197.8	331.5	571.7	1,021.8	2,651.3
1994	106.3	19.0	36.0	63.6	118.0	197.7	335.4	574.2	1,036.9	2,672.7
1993	108.9	19.5	36.8	66.5	120.3	207.5	347.7	595.0	1,077.3	2,759.6
1992	105.1	19.5	36.2	68.2	120.1	205.4	343.9	582.7	1,048.2	2,666.8
1991	106.0	20.3	36.2	69.7	123.7	206.3	352.5	596.5	1,071.4	2,736.1
1990	107.7	20.4	38.0	71.3	126.6	209.6	365.3	620.2	1,107.6	2,860.7
1989	108.8	20.7	40.0	73.6	128.3	216.4	365.2	630.4	1,140.7	2,899.8
1988	114.2	22.1	41.6	80.0	135.0	227.5	393.2	665.8	1,212.9	3,101.9
1987	113.7	22.4	44.0	79.2	139.2	229.1	396.5	670.8	1,210.4	3,111.7
1986	115.0	22.6	45.5	81.4	142.3	234.3	406.7	686.5	1,255.7	3,176.9
1985	117.1	24.7	47.5	82.4	141.7	238.1	414.1	703.2	1,316.7	3,318.1
1984	117.9	25.1	46.7	82.8	145.2	244.4	419.5	731.2	1,355.8	3,367.5
1983	120.3	24.6	47.7	86.2	145.9	252.2	432.8	757.5	1,425.9	3,501.6
1982	119.0	25.4	47.7	85.3	147.1	253.2	434.5	768.7	1,454.5	3,483.7
1981	120.1	26.2	49.0	87.8	150.8	256.8	444.1	783.0	1,506.7	3,593.1
1980	122.7	25.2	49.1	88.2	150.6	260.6	462.5	834.3	1,600.2	3,777.2
1979	116.6	25.7	47.3	82.4	149.5	248.4	455.8	804.8	1,561.3	3,550.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of chronic ischemic heart disease (412-414)										
White, male										
1998	101.1	27.3	49.8	84.6	150.7	259.8	446.8	738.2	1,290.8	2,711.5
1997	103.4	28.5	52.9	91.7	160.9	272.2	456.6	759.7	1,311.5	2,819.4
1996	105.9	30.4	55.1	95.0	175.3	281.6	477.3	791.9	1,347.3	2,879.3
1995	106.3	29.8	57.3	97.8	173.8	291.0	482.9	800.1	1,366.0	2,934.5
1994	106.2	31.2	57.1	97.9	178.5	295.5	490.0	806.1	1,388.5	2,984.3
1993	108.7	32.3	58.8	103.6	181.4	310.9	502.8	838.8	1,436.2	3,069.2
1992	105.9	32.5	58.3	106.6	184.5	311.3	501.0	825.3	1,401.6	2,961.7
1991	106.7	33.4	58.5	110.4	188.5	312.6	516.2	844.4	1,410.5	3,037.9
1990	108.1	33.6	60.8	112.0	195.5	316.4	534.5	867.1	1,464.1	3,137.0
1989	108.9	34.2	64.5	115.7	197.4	326.0	534.1	879.1	1,490.4	3,142.5
1988	114.4	36.6	66.9	125.1	208.5	341.8	578.7	927.1	1,576.5	3,373.5
1987	114.2	37.5	71.4	125.6	215.8	340.8	580.8	932.3	1,578.0	3,361.2
1986	115.9	37.8	74.6	131.3	219.5	350.4	596.4	951.6	1,617.9	3,451.8
1985	118.4	41.2	77.9	133.3	220.2	356.1	608.3	975.1	1,708.8	3,635.3
1984	118.7	41.7	76.8	132.8	224.3	362.5	603.8	1,003.3	1,732.9	3,705.8
1983	121.5	41.4	77.7	138.7	225.1	378.9	628.9	1,046.2	1,777.7	3,848.1
1982	120.7	42.6	79.0	139.4	225.6	380.3	622.5	1,051.9	1,821.6	3,846.0
1981	122.1	43.5	80.4	141.7	231.4	385.0	640.0	1,063.7	1,887.9	3,959.7
1980	124.0	42.4	80.3	141.8	230.3	387.7	656.2	1,119.2	1,973.9	4,121.9
1979	119.3	43.1	79.4	134.2	232.3	373.7	653.0	1,080.2	1,929.7	3,877.6
All other forms of chronic ischemic heart disease (412-414)										
White, female										
1998	100.6	6.4	13.5	27.6	58.4	110.0	203.5	369.8	760.9	2,302.8
1997	103.1	6.9	14.4	28.6	60.1	111.3	207.4	389.3	772.4	2,397.3
1996	105.2	7.6	15.8	30.0	61.4	114.9	215.3	403.7	805.3	2,449.4
1995	107.2	7.1	15.0	31.7	61.7	118.7	214.0	415.9	830.1	2,543.4
1994	106.4	6.9	15.6	31.4	63.2	115.7	215.9	417.5	844.1	2,554.7
1993	109.1	7.0	15.5	31.6	65.1	121.5	228.4	431.8	883.0	2,642.9
1992	104.2	6.8	14.9	32.1	62.1	118.1	223.7	421.9	858.8	2,555.8
1991	105.3	7.4	14.7	31.5	65.7	119.1	228.1	433.8	891.5	2,622.2
1990	107.3	7.4	16.1	33.4	65.6	122.1	238.6	460.9	919.4	2,755.8
1989	108.7	7.5	16.5	34.3	67.3	126.4	239.3	470.4	956.8	2,808.5
1988	114.1	7.9	17.3	38.2	70.7	133.5	256.0	499.2	1,022.9	2,997.8
1987	113.3	7.7	17.7	36.4	72.4	137.1	261.1	505.1	1,019.1	3,015.1
1986	114.1	7.7	17.7	35.5	74.9	139.0	268.0	519.5	1,067.4	3,069.8
1985	115.9	8.7	18.6	35.7	73.1	141.7	272.7	532.8	1,112.7	3,193.8
1984	117.1	9.0	18.2	37.3	75.9	148.3	285.5	561.4	1,159.5	3,233.4
1983	119.2	8.3	19.1	38.8	76.6	149.6	290.6	577.6	1,242.3	3,362.1
1982	117.4	8.8	18.1	36.6	78.4	150.5	298.6	592.3	1,262.5	3,335.3
1981	118.1	9.5	19.3	39.4	80.3	153.5	302.8	608.3	1,306.9	3,439.7
1980	121.5	8.6	19.8	39.8	81.3	158.4	322.9	657.2	1,403.8	3,628.7
1979	113.9	8.9	17.3	35.5	77.6	148.1	314.1	634.6	1,366.2	3,405.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of chronic ischemic heart disease (412-414)										
All other, both sexes										
1998	50.4	23.3	41.2	74.5	125.4	194.4	324.7	500.9	795.4	1,728.4
1997	52.0	25.3	45.5	81.0	132.5	198.4	343.8	512.4	807.3	1,810.1
1996	53.1	24.4	49.3	79.9	138.9	204.2	348.8	531.7	874.1	1,796.8
1995	54.6	28.6	51.5	86.3	139.1	221.8	376.5	525.7	893.5	1,839.1
1994	53.8	25.5	47.0	90.0	134.7	224.2	356.5	526.4	883.1	1,875.2
1993	55.4	25.9	50.6	89.4	143.1	233.3	359.7	551.6	928.4	1,947.1
1992	53.4	27.7	51.2	88.2	136.6	231.1	350.9	537.2	890.8	1,846.5
1991	54.6	28.2	54.6	91.1	144.9	238.7	366.1	539.0	938.8	1,842.5
1990	55.1	28.9	51.7	91.6	146.9	240.1	366.3	556.1	918.1	1,940.0
1989	55.9	32.0	55.4	96.2	158.3	237.2	361.6	565.9	912.9	1,918.8
1988	59.3	35.5	58.5	100.6	169.9	250.2	386.7	611.9	1,010.6	1,973.4
1987	59.1	32.6	61.4	103.1	166.9	252.1	401.3	592.7	996.8	1,975.4
1986	59.9	32.4	60.8	98.6	175.5	252.4	395.3	607.1	1,010.8	2,075.8
1985	61.4	37.2	67.5	114.8	172.1	261.7	413.2	630.6	1,084.5	1,971.3
1984	61.4	36.6	65.6	111.7	180.3	255.1	433.1	630.0	1,112.5	1,931.3
1983	64.5	37.2	71.6	118.4	189.4	260.0	454.7	665.8	1,208.8	2,075.0
1982	65.2	42.3	77.0	117.3	191.9	275.1	444.6	673.5	1,200.0	2,114.5
1981	66.9	42.2	71.0	122.3	204.4	284.3	470.7	683.7	1,263.9	2,191.6
1980	70.4	42.1	77.4	130.3	204.2	307.2	487.8	767.4	1,323.7	2,307.6
1979	65.8	40.4	79.3	120.4	192.6	289.6	486.7	734.3	1,132.1	2,018.4
All other forms of chronic ischemic heart disease (412-414)										
All other, male										
1998	50.9	34.3	59.0	108.1	171.1	255.5	410.8	632.4	969.8	1,887.2
1997	53.2	39.1	64.7	115.3	186.2	261.1	447.1	666.9	988.9	1,928.0
1996	53.2	36.2	67.7	109.3	191.0	268.5	446.8	668.0	1,041.3	1,909.8
1995	55.9	43.7	75.9	121.7	188.7	302.1	485.8	674.2	1,059.6	1,993.5
1994	54.3	38.4	70.4	128.4	191.6	293.4	463.4	653.4	1,025.2	1,945.4
1993	56.0	39.0	70.2	126.2	199.8	307.1	462.1	681.2	1,123.9	2,065.2
1992	53.8	41.0	71.8	122.2	185.0	303.2	451.5	697.0	1,023.3	1,874.7
1991	55.9	40.8	81.1	127.6	198.8	315.2	469.9	659.6	1,165.9	1,910.8
1990	56.2	41.8	74.0	131.8	199.0	309.6	491.4	696.5	1,019.0	2,045.4
1989	57.6	50.1	85.6	137.2	219.7	309.9	452.2	697.7	1,066.9	1,965.4
1988	61.9	54.0	83.6	144.5	239.9	337.6	501.3	732.9	1,202.6	2,024.1
1987	62.4	49.3	91.1	141.3	231.7	338.4	526.4	750.7	1,208.0	1,992.2
1986	62.3	47.3	90.4	140.6	246.7	329.5	505.3	726.7	1,163.0	2,168.0
1985	65.4	57.5	102.5	161.0	240.1	332.1	529.3	771.8	1,298.1	2,064.4
1984	64.6	55.7	97.0	160.1	245.1	332.4	556.8	745.5	1,276.2	1,968.1
1983	68.0	56.4	105.6	163.5	261.4	336.3	564.2	792.9	1,402.1	2,179.7
1982	70.1	61.5	112.1	164.1	257.5	370.3	555.4	830.4	1,374.5	2,286.6
1981	71.2	63.1	105.6	176.1	274.1	360.6	579.9	788.2	1,475.8	2,267.2
1980	76.5	63.4	117.5	181.0	269.8	402.8	588.9	917.6	1,565.9	2,598.7
1979	71.6	59.1	119.6	173.1	258.7	366.9	586.4	834.8	1,325.6	2,233.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of chronic ischemic heart disease (412-414)										
All other, female										
1998	49.9	13.9	25.9	46.4	88.6	148.6	266.0	417.0	703.0	1,661.9
1997	51.0	13.4	28.9	52.4	89.7	151.8	273.3	414.6	711.3	1,760.4
1996	53.0	14.3	33.5	55.5	97.7	156.3	281.7	446.1	785.3	1,749.1
1995	53.4	15.7	30.7	57.0	100.1	162.1	301.7	432.9	805.2	1,773.3
1994	53.3	14.5	27.0	58.5	90.3	172.9	283.2	447.9	806.8	1,845.1
1993	54.8	14.6	33.8	59.2	99.2	178.8	288.9	472.1	821.8	1,896.1
1992	53.1	16.2	33.7	60.5	99.4	177.8	281.8	439.4	817.7	1,834.2
1991	53.4	17.5	32.0	61.5	103.5	182.1	295.1	464.6	813.3	1,812.2
1990	54.1	17.9	32.8	59.4	107.2	188.6	281.1	469.0	861.1	1,892.1
1989	54.4	16.3	30.0	63.2	111.4	182.8	299.6	483.4	829.2	1,886.4
1988	56.9	19.4	37.3	65.4	116.0	185.2	308.4	533.7	895.6	1,949.7
1987	56.2	18.2	36.6	72.4	116.8	187.9	315.8	491.7	876.0	1,967.5
1986	57.7	19.6	36.1	64.9	120.6	194.8	319.9	531.5	923.8	2,031.4
1985	57.8	19.9	38.6	77.3	118.9	208.6	332.2	537.9	961.1	1,926.0
1984	58.4	20.2	39.6	72.3	129.7	197.0	347.2	553.3	1,016.3	1,913.1
1983	61.2	20.8	43.9	81.6	132.5	202.6	378.3	580.6	1,095.2	2,023.0
1982	60.7	26.1	48.4	79.1	139.7	203.6	363.6	568.4	1,103.2	2,027.8
1981	63.1	24.6	43.2	78.0	148.4	226.5	389.7	613.1	1,135.3	2,136.2
1980	64.9	24.4	44.9	88.4	151.6	234.1	412.4	665.0	1,174.9	2,158.6
1979	60.6	25.0	46.5	76.4	139.1	229.9	409.8	657.0	1,011.6	1,924.6
All other forms of chronic ischemic heart disease (412-414)										
Black, both sexes										
1998	59.0	29.1	51.5	90.7	152.3	230.2	371.3	546.7	848.3	1,765.2
1997	61.0	31.6	56.5	97.2	162.1	225.4	394.7	565.5	857.2	1,854.4
1996	62.2	30.7	62.2	95.4	165.0	231.7	400.5	578.8	926.2	1,849.3
1995	64.2	36.4	64.1	106.0	166.4	254.5	427.7	577.0	942.7	1,877.8
1994	62.9	31.1	57.3	106.7	158.1	256.5	400.9	571.3	933.9	1,929.4
1993	65.2	31.9	62.8	107.3	168.0	271.0	408.1	602.3	969.3	1,997.6
1992	62.1	34.0	62.3	105.1	157.4	261.7	390.2	572.9	924.7	1,879.0
1991	64.1	35.5	65.8	107.0	167.7	270.7	410.5	578.1	993.2	1,895.6
1990	64.5	35.2	63.2	106.8	171.3	270.9	403.6	599.1	966.1	2,000.2
1989	65.3	38.9	66.7	111.9	183.5	267.8	399.5	609.8	963.5	1,958.6
1988	69.2	42.8	69.3	117.4	195.4	279.5	427.7	660.3	1,068.4	2,046.3
1987	68.7	39.0	71.9	118.9	192.7	284.6	439.8	634.9	1,054.0	2,041.3
1986	69.1	38.8	70.7	115.6	198.5	281.8	430.7	649.9	1,061.2	2,144.8
1985	70.6	44.7	80.1	130.3	195.8	289.5	449.5	674.7	1,142.4	2,020.5
1984	70.0	42.6	76.7	125.4	203.4	278.1	472.2	673.0	1,168.2	1,982.6
1983	73.0	43.0	82.9	133.6	210.0	283.2	492.9	711.6	1,274.4	2,112.0
1982	73.5	49.1	87.9	132.4	211.4	297.5	477.9	712.1	1,276.1	2,185.8
1981	75.4	49.1	80.0	136.4	227.1	310.4	506.5	727.1	1,346.4	2,259.5
1980	78.1	47.7	86.0	143.2	223.3	333.8	518.7	812.3	1,399.7	2,369.0
1979	71.5	45.5	87.2	129.2	208.3	304.1	514.1	757.3	1,164.2	2,026.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of chronic ischemic heart disease (412-414)										
Black, male										
1998	58.0	41.6	73.0	130.3	204.5	299.6	467.1	682.7	1,048.6	1,912.3
1997	60.6	47.7	79.8	135.9	226.1	288.6	512.9	737.3	1,074.4	1,933.7
1996	60.6	44.6	84.4	129.1	225.5	297.4	509.1	726.4	1,121.5	1,952.4
1995	64.4	54.7	93.5	149.2	227.5	337.9	553.4	737.2	1,129.6	2,034.2
1994	61.8	45.4	84.4	151.5	225.2	330.6	519.8	713.9	1,090.8	1,951.1
1993	64.5	47.9	86.8	150.7	234.3	352.2	521.9	749.9	1,164.0	2,123.1
1992	61.4	49.9	86.8	144.0	210.8	341.3	506.0	752.6	1,051.3	1,911.2
1991	64.5	50.2	99.2	149.0	227.7	351.7	528.6	707.2	1,243.9	1,972.9
1990	64.7	50.1	90.9	154.1	230.8	346.6	543.9	754.9	1,079.8	2,088.4
1989	66.1	60.9	104.2	160.8	249.4	350.7	497.6	752.8	1,116.5	1,998.5
1988	70.9	64.7	99.4	166.1	270.8	375.9	550.4	796.0	1,271.3	2,107.7
1987	71.3	60.0	105.7	160.0	265.2	380.1	574.3	806.3	1,280.4	2,065.6
1986	70.6	56.4	105.6	162.4	275.9	364.7	546.8	776.2	1,187.8	2,261.9
1985	74.2	68.8	121.8	180.4	270.9	367.3	576.0	817.1	1,366.7	2,125.8
1984	72.7	64.7	112.3	179.6	277.2	360.5	607.8	792.8	1,320.2	2,036.1
1983	76.2	65.1	121.6	182.4	289.6	364.8	614.8	838.8	1,465.9	2,228.3
1982	77.7	70.5	127.7	183.8	281.6	395.2	601.2	868.9	1,432.5	2,317.2
1981	79.2	73.9	116.8	194.5	305.1	394.0	623.4	837.3	1,564.9	2,303.6
1980	83.5	70.9	129.5	197.0	291.4	440.5	625.6	968.9	1,639.4	2,608.9
1979	76.5	65.5	129.6	183.9	276.6	385.2	622.1	857.1	1,341.6	2,225.0
All other forms of chronic ischemic heart disease (412-414)										
Black, female										
1998	59.9	18.3	33.3	58.5	111.5	178.7	308.3	464.2	750.7	1,709.7
1997	61.3	17.8	37.0	65.9	112.1	178.6	316.9	462.1	752.3	1,824.2
1996	63.6	18.9	43.6	68.3	117.9	183.0	329.3	490.4	831.4	1,809.8
1995	64.0	20.9	39.7	71.3	119.0	192.5	345.4	481.6	851.8	1,817.2
1994	63.9	18.9	34.7	71.0	106.2	201.6	322.9	487.5	856.5	1,920.9
1993	65.8	18.4	42.8	72.6	117.0	211.5	332.7	516.7	871.7	1,947.8
1992	62.8	20.6	42.1	74.0	116.5	203.6	313.6	469.1	860.5	1,866.0
1991	63.7	23.1	38.4	73.6	122.0	211.8	332.6	502.8	865.9	1,863.9
1990	64.3	22.6	40.5	69.4	126.4	216.2	311.3	507.8	907.2	1,962.8
1989	64.6	20.5	36.0	72.9	133.5	207.7	335.9	525.2	883.2	1,954.2
1988	67.7	24.5	44.5	78.6	138.0	209.5	345.8	579.1	961.2	2,019.5
1987	66.3	21.5	44.2	86.2	137.4	214.9	350.0	531.1	932.2	2,030.6
1986	67.7	24.2	42.2	77.9	139.6	220.9	352.9	572.6	992.1	2,091.3
1985	67.4	24.7	46.0	89.8	137.8	232.5	365.9	586.1	1,019.0	1,971.4
1984	67.5	24.2	47.5	81.2	146.3	217.3	381.7	597.7	1,084.2	1,957.4
1983	70.2	24.8	51.5	93.8	148.4	223.1	411.7	627.8	1,166.2	2,055.6
1982	69.7	31.6	55.6	90.6	156.4	225.4	393.2	614.3	1,185.5	2,121.2
1981	71.9	28.5	50.2	89.1	165.6	249.4	424.9	655.7	1,218.9	2,217.7
1980	73.2	28.7	50.9	99.3	169.4	254.3	442.7	710.3	1,256.1	2,249.0
1979	66.9	29.0	52.6	84.2	154.1	243.4	436.3	686.0	1,054.0	1,926.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other heart diseases (415-429.1,429.3-429.9)										
All races, both sexes										
1998	59.2	19.2	27.2	43.5	70.7	110.8	179.5	301.3	552.5	1,465.0
1997	58.6	18.7	27.4	45.4	73.1	111.2	181.9	301.0	554.9	1,444.3
1996	57.5	18.7	28.5	45.1	72.7	111.9	179.3	297.7	548.7	1,424.8
1995	57.3	19.2	28.8	45.7	76.4	111.8	180.7	300.8	550.8	1,399.2
1994	56.2	18.6	28.4	46.6	73.5	114.4	186.3	297.2	544.3	1,368.3
1993	57.5	18.6	30.0	49.7	77.2	121.0	190.7	319.9	559.2	1,388.5
1992	54.1	18.7	29.1	47.0	76.8	116.4	187.0	301.9	532.3	1,279.6
1991	53.9	18.7	28.6	48.8	77.1	118.7	189.4	307.6	531.2	1,281.7
1990	53.2	18.8	29.3	49.0	79.0	118.9	188.7	309.5	539.3	1,273.5
1989	54.9	18.8	32.1	53.0	81.9	126.3	199.4	325.6	557.0	1,290.3
1988	62.6	20.9	36.8	61.2	96.7	148.7	233.7	374.4	636.9	1,478.2
1987	60.3	22.0	37.4	57.5	94.1	146.9	231.0	363.9	624.2	1,401.2
1986	59.4	21.9	36.8	58.5	95.5	146.9	232.8	368.5	622.0	1,352.0
1985	55.7	21.5	36.5	58.0	91.2	139.8	221.7	345.9	587.2	1,258.0
1984	51.5	20.7	35.1	55.1	87.8	133.3	205.9	320.5	544.1	1,145.4
1983	49.0	19.8	34.3	54.0	85.1	128.3	201.8	311.0	516.8	1,079.9
1982	44.8	20.9	31.7	50.9	80.2	121.1	185.2	288.4	472.6	973.8
1981	42.8	20.8	32.7	52.1	77.6	116.1	176.1	271.5	459.2	920.9
1980	40.9	19.3	31.6	49.2	75.4	115.0	175.0	267.9	429.6	881.4
1979	37.1	18.9	30.3	45.1	72.2	103.4	159.2	242.8	401.9	773.5
Other heart diseases (415-429.1,429.3-429.9)										
All races, male										
1998	53.5	25.2	34.7	54.3	92.0	138.2	219.9	365.2	656.0	1,501.1
1997	53.6	24.7	35.7	58.5	94.0	140.9	226.6	370.5	652.7	1,506.2
1996	53.0	24.8	36.8	57.7	93.6	145.2	227.4	369.5	651.2	1,503.8
1995	53.3	26.2	37.9	58.6	97.9	145.1	230.1	376.9	660.9	1,476.8
1994	52.5	24.5	38.1	62.2	95.8	148.3	238.3	368.5	654.8	1,447.5
1993	54.0	24.7	40.1	65.4	100.8	157.9	244.3	394.9	674.8	1,476.5
1992	51.6	24.8	38.4	63.0	100.9	152.0	241.4	378.4	650.7	1,382.3
1991	51.9	25.6	38.1	64.0	103.7	156.9	246.9	394.8	648.7	1,373.6
1990	51.6	25.4	38.9	64.9	105.0	157.8	248.4	399.7	669.6	1,356.9
1989	53.5	25.8	42.6	70.8	109.1	169.9	261.5	415.7	680.8	1,382.9
1988	62.0	27.8	49.7	82.7	131.1	197.8	317.1	483.3	784.6	1,614.8
1987	60.0	29.2	50.9	77.2	125.2	197.0	308.2	474.4	767.3	1,538.6
1986	59.9	28.8	49.0	79.4	130.3	198.8	313.0	483.1	773.2	1,495.4
1985	56.6	29.1	49.7	79.2	124.8	190.6	297.4	451.3	733.4	1,401.1
1984	53.1	28.5	46.8	76.1	120.5	183.6	276.9	418.7	672.0	1,315.4
1983	50.9	26.2	46.3	74.1	115.8	177.6	276.1	405.0	638.5	1,239.3
1982	46.7	27.4	43.5	69.5	110.0	166.3	246.4	372.7	580.2	1,128.9
1981	45.2	27.7	44.6	72.1	105.3	156.7	237.7	357.1	580.7	1,075.7
1980	43.7	26.0	43.4	68.5	103.6	155.6	236.8	351.5	542.9	1,008.5
1979	39.8	25.6	41.7	63.2	98.4	144.1	213.1	313.2	505.3	899.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other heart diseases (415-429.1,429.3-429.9)										
All races, female										
1998	64.6	13.3	20.1	33.4	51.5	87.4	148.1	257.1	492.7	1,450.6
1997	63.5	13.0	19.6	33.1	54.3	86.2	147.5	253.2	499.2	1,420.1
1996	61.9	12.8	20.6	33.3	54.0	83.9	142.4	248.7	490.9	1,394.2
1995	61.0	12.5	20.1	33.7	57.2	83.9	142.9	249.4	489.7	1,369.3
1994	59.7	12.8	19.2	32.2	53.7	86.4	146.7	249.5	483.9	1,337.9
1993	60.9	12.7	20.4	35.2	56.2	90.8	149.9	270.1	496.5	1,354.9
1992	56.4	12.9	20.3	32.4	55.5	87.5	145.8	251.6	468.8	1,240.5
1991	55.8	12.1	19.7	34.8	53.6	87.7	146.2	250.7	468.6	1,246.5
1990	54.7	12.4	20.3	34.5	56.3	87.4	144.3	251.4	470.2	1,241.4
1989	56.2	12.1	22.2	36.7	58.3	90.9	153.5	267.8	491.7	1,254.2
1988	63.2	14.3	24.6	41.6	67.1	108.8	172.4	305.0	558.9	1,424.9
1987	60.7	15.0	24.7	39.7	67.3	106.1	174.6	293.8	549.0	1,347.1
1986	59.0	15.2	25.4	39.5	65.4	104.6	174.5	296.2	542.7	1,295.2
1985	54.8	14.3	24.2	39.0	62.1	98.8	166.8	279.6	510.5	1,200.8
1984	50.0	13.2	24.2	36.2	59.4	92.8	154.6	258.9	476.9	1,076.6
1983	47.2	13.8	23.2	36.0	58.5	88.6	148.0	252.1	452.6	1,014.5
1982	43.1	14.6	20.8	34.4	54.3	84.9	140.9	235.5	415.9	909.1
1981	40.4	14.3	21.7	34.2	53.6	83.6	131.5	217.8	394.8	854.6
1980	38.4	13.0	20.7	32.0	51.1	82.6	130.3	215.4	369.3	825.8
1979	34.5	12.5	19.9	28.9	49.5	70.9	120.2	198.7	346.4	717.6
Other heart diseases (415-429.1,429.3-429.9)										
White, both sexes										
1998	62.2	15.5	23.3	38.3	63.9	103.9	171.7	295.1	549.2	1,490.0
1997	61.6	15.5	23.1	40.2	66.5	104.6	174.5	296.0	552.7	1,466.0
1996	60.1	15.0	24.1	39.9	64.8	105.1	170.3	291.7	545.2	1,445.2
1995	59.5	15.7	24.5	40.0	69.1	104.2	171.1	293.8	546.3	1,419.0
1994	58.3	15.3	24.3	40.5	67.3	106.7	177.5	289.5	538.9	1,386.8
1993	59.4	15.1	25.1	42.5	69.9	112.2	181.1	312.0	551.6	1,405.7
1992	55.5	15.0	24.6	40.8	69.7	108.4	177.3	293.0	524.0	1,292.3
1991	55.1	15.0	24.2	42.8	70.0	109.5	179.4	297.0	522.4	1,291.0
1990	54.0	15.3	24.5	42.5	71.6	109.5	179.7	297.1	529.2	1,275.6
1989	55.5	15.1	26.1	46.2	73.4	115.5	188.7	312.9	544.3	1,291.4
1988	63.3	16.8	30.8	54.1	87.2	137.2	220.9	359.0	621.2	1,480.2
1987	60.8	18.0	31.5	50.9	84.7	135.7	217.7	348.8	607.5	1,402.9
1986	59.6	17.8	31.0	51.2	86.3	136.4	219.3	352.4	605.4	1,350.3
1985	55.7	17.8	30.6	51.0	82.4	129.4	207.9	331.9	571.5	1,258.1
1984	51.5	16.8	30.0	48.9	79.6	124.0	193.0	309.4	526.6	1,145.5
1983	48.8	16.6	29.6	47.3	76.6	118.9	189.7	298.7	499.2	1,080.4
1982	44.7	17.2	27.5	45.4	72.5	112.5	174.4	278.5	459.7	979.0
1981	42.4	16.9	28.3	46.2	69.9	108.5	166.8	261.7	445.1	919.5
1980	40.2	16.0	27.1	43.6	68.2	105.6	164.3	256.3	417.1	876.0
1979	36.5	15.6	26.8	40.3	65.3	94.8	149.2	231.5	394.1	774.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other heart diseases (415-429.1,429.3-429.9)										
White, male										
1998	55.3	20.6	30.0	48.8	84.1	130.6	211.7	359.3	653.4	1,520.2
1997	55.5	20.7	30.7	52.4	86.2	133.8	218.8	366.4	649.8	1,530.1
1996	54.4	20.1	31.8	52.2	83.9	137.5	217.2	362.8	647.7	1,523.5
1995	54.5	22.0	32.5	52.2	89.7	136.5	220.0	370.1	654.5	1,496.7
1994	53.6	20.6	33.2	55.7	88.5	139.7	228.7	360.6	649.7	1,464.0
1993	54.8	20.3	33.7	56.0	92.6	148.1	233.6	386.6	669.3	1,496.5
1992	52.1	19.8	33.2	55.9	93.1	143.7	230.0	368.9	639.4	1,393.7
1991	52.2	21.0	33.1	56.8	95.7	146.2	236.1	381.2	640.0	1,385.5
1990	51.7	20.6	33.2	57.1	96.6	147.2	238.5	388.7	658.2	1,361.6
1989	53.3	21.1	34.9	62.9	100.0	157.8	249.3	402.1	668.2	1,384.5
1988	61.7	22.7	42.0	74.3	119.8	184.5	302.6	464.8	767.3	1,612.6
1987	59.6	24.4	43.5	69.6	114.2	182.7	295.5	457.5	749.0	1,539.0
1986	59.3	23.7	42.1	70.3	119.4	187.0	298.4	465.6	751.0	1,493.9
1985	55.9	24.2	42.0	71.0	114.3	178.8	282.5	437.0	712.4	1,402.9
1984	52.5	23.8	40.6	68.9	111.2	172.7	262.6	407.5	651.9	1,317.5
1983	50.1	22.1	40.8	66.1	106.0	167.1	261.6	391.4	617.8	1,243.7
1982	46.1	22.5	38.7	62.8	100.2	156.1	233.8	364.4	565.4	1,134.5
1981	44.5	23.3	39.6	65.2	96.3	148.6	228.3	349.4	562.7	1,071.9
1980	42.3	21.7	37.6	61.2	94.5	145.3	224.6	340.2	527.1	998.4
1979	38.9	21.5	37.8	57.3	90.7	134.1	203.6	301.8	497.7	894.7
Other heart diseases (415-429.1,429.3-429.9)										
White, female										
1998	69.0	10.4	16.8	28.3	45.2	80.7	140.1	250.2	488.5	1,478.1
1997	67.6	10.4	15.7	28.7	48.4	79.5	140.0	247.1	497.0	1,441.0
1996	65.5	9.9	16.7	28.2	47.3	77.4	133.8	242.8	487.2	1,415.2
1995	64.4	9.5	16.8	28.6	50.4	76.8	133.1	241.7	486.0	1,389.4
1994	62.9	10.1	15.7	26.2	48.1	79.0	137.9	241.4	478.1	1,357.5
1993	63.8	10.0	16.8	29.8	49.4	82.3	140.8	262.0	487.8	1,371.4
1992	58.7	10.2	16.4	26.5	48.6	79.4	137.0	242.7	462.1	1,254.0
1991	57.9	9.2	15.7	29.7	47.1	79.3	136.3	241.7	460.0	1,255.4
1990	56.3	10.1	16.2	29.0	49.3	78.7	135.7	238.0	461.0	1,242.9
1989	57.5	9.2	17.6	30.6	50.0	80.9	143.5	255.5	479.2	1,256.5
1988	64.8	11.0	20.0	35.3	58.6	98.2	160.5	291.6	545.0	1,429.4
1987	61.9	11.8	20.0	33.6	59.0	97.0	160.6	280.0	533.9	1,350.2
1986	59.9	12.1	20.4	33.5	57.4	94.8	161.5	281.1	529.7	1,294.4
1985	55.5	11.5	19.7	32.6	54.6	89.1	153.5	266.1	498.2	1,201.4
1984	50.5	10.1	20.0	30.7	51.9	84.4	142.5	248.2	461.4	1,077.3
1983	47.5	11.3	19.0	30.3	50.9	79.8	137.6	240.9	437.4	1,014.6
1982	43.4	12.1	17.0	29.7	48.2	77.3	131.4	225.0	404.5	915.3
1981	40.4	10.7	17.7	29.0	46.8	76.2	122.4	207.1	383.5	855.8
1980	38.1	10.5	17.1	27.8	45.3	73.7	120.8	204.2	359.2	823.2
1979	34.2	9.9	16.5	25.0	43.1	63.3	110.1	188.1	339.2	721.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other heart diseases (415-429.1,429.3-429.9)										
All other, both sexes										
1998	45.3	37.9	49.6	74.9	113.0	157.4	242.6	357.3	585.3	1,220.2
1997	44.6	35.7	53.3	76.1	114.4	157.7	242.4	347.0	577.1	1,230.2
1996	45.6	39.2	54.4	76.4	122.9	161.1	255.8	353.0	583.6	1,221.8
1995	46.3	39.1	54.3	79.9	124.0	167.5	264.9	366.6	596.5	1,200.6
1994	45.8	37.4	53.4	84.4	115.0	172.9	263.6	371.1	599.4	1,179.8
1993	48.3	39.4	60.1	94.9	126.9	189.7	274.7	395.7	636.5	1,212.0
1992	46.8	41.9	56.0	87.4	127.7	179.8	273.4	386.1	618.8	1,149.4
1991	47.6	40.8	55.6	87.8	128.7	193.4	279.9	409.2	622.3	1,183.4
1990	48.8	39.8	59.0	92.7	135.0	197.3	270.1	426.3	645.0	1,251.6
1989	52.0	42.1	70.0	99.5	146.9	216.4	297.7	445.8	689.5	1,277.7
1988	59.1	46.9	75.1	111.5	171.9	247.0	350.9	520.2	802.5	1,457.7
1987	57.9	45.9	75.6	105.7	168.9	244.6	352.6	506.4	801.6	1,382.9
1986	58.2	46.8	74.8	112.5	170.7	238.1	356.5	521.9	799.7	1,371.0
1985	55.5	44.7	76.3	111.8	165.0	231.0	349.6	480.4	758.8	1,256.1
1984	51.7	45.0	69.9	103.5	157.6	215.5	325.3	427.1	737.0	1,144.2
1983	50.4	40.7	67.8	106.9	158.7	210.9	313.7	430.1	712.6	1,074.0
1982	45.5	44.8	61.9	95.3	148.7	196.8	285.9	384.7	617.9	915.5
1981	45.0	47.3	65.4	101.0	146.4	182.9	264.0	367.2	622.0	936.8
1980	45.7	42.6	66.6	96.8	140.8	198.5	277.0	381.8	577.7	943.7
1979	41.0	42.1	58.3	85.9	136.6	179.2	257.1	353.0	493.8	764.4
Other heart diseases (415-429.1,429.3-429.9)										
All other, male										
1998	45.2	50.4	63.6	89.5	144.2	194.5	292.4	420.3	683.5	1,322.0
1997	44.7	46.9	67.5	97.8	146.5	195.1	295.9	410.2	683.6	1,283.2
1996	46.2	52.6	68.6	93.2	160.0	205.8	320.4	434.9	688.2	1,321.0
1995	47.6	51.6	72.2	100.2	155.5	213.7	324.4	444.3	727.2	1,292.2
1994	47.0	49.1	70.1	105.2	148.3	217.7	328.4	446.9	706.6	1,294.1
1993	49.8	53.1	82.1	129.1	161.6	238.8	344.4	477.9	730.2	1,289.8
1992	49.0	57.5	71.8	111.7	161.6	221.9	350.0	472.3	764.8	1,276.4
1991	50.2	55.5	70.8	114.6	168.2	249.1	350.4	529.3	736.8	1,262.5
1990	51.3	56.4	76.5	122.0	173.5	251.7	344.0	506.6	782.9	1,313.3
1989	54.6	56.8	94.4	129.5	185.2	277.0	378.8	546.4	805.8	1,367.9
1988	63.8	62.2	102.5	146.6	226.1	316.7	456.6	659.4	956.4	1,635.4
1987	62.0	60.4	102.1	136.3	219.1	328.4	429.6	633.5	951.8	1,535.1
1986	63.2	62.8	97.2	151.4	226.4	306.9	452.6	647.6	997.2	1,509.3
1985	60.6	61.1	105.0	145.1	219.1	298.8	440.0	585.4	948.1	1,383.6
1984	56.6	60.3	92.7	136.1	204.8	283.4	412.8	522.3	876.2	1,295.8
1983	55.7	54.8	88.1	141.1	206.0	273.7	413.7	529.9	852.6	1,197.1
1982	50.5	61.8	81.6	125.4	202.1	259.4	364.0	449.7	734.0	1,074.6
1981	49.8	59.3	85.0	132.3	190.1	230.9	326.1	428.5	770.3	1,114.1
1980	52.0	58.6	91.6	133.7	189.3	249.3	350.2	457.1	710.7	1,110.9
1979	45.9	57.5	74.5	116.0	172.7	234.6	303.4	414.1	586.0	947.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other heart diseases (415-429.1,429.3-429.9)										
All other, female										
1998	45.3	27.1	37.6	62.7	87.9	129.7	208.7	317.1	533.3	1,177.6
1997	44.5	26.2	41.1	57.9	88.8	129.8	205.9	307.0	520.8	1,207.8
1996	45.0	27.7	42.3	62.4	93.5	127.8	211.7	301.6	528.0	1,179.9
1995	45.2	28.3	39.1	63.1	99.2	133.2	224.2	318.0	527.0	1,161.5
1994	44.8	27.3	39.1	67.2	88.9	139.7	219.2	324.1	541.9	1,130.8
1993	46.8	27.7	41.4	66.8	100.0	153.4	226.5	345.3	585.4	1,178.5
1992	44.8	28.5	42.6	67.6	101.6	148.6	220.8	333.3	538.3	1,093.8
1991	45.2	28.1	42.7	66.1	98.4	152.2	231.7	334.9	559.1	1,148.4
1990	46.5	25.5	44.2	69.1	105.7	157.0	219.7	376.4	567.2	1,223.6
1989	49.5	29.5	49.3	75.3	117.7	171.0	242.2	382.8	626.4	1,229.0
1988	54.9	33.7	52.0	83.3	130.0	194.9	278.7	430.8	710.3	1,374.6
1987	54.1	33.4	53.4	81.2	130.1	182.1	300.0	425.0	715.8	1,311.0
1986	53.8	33.0	56.1	81.1	127.8	186.7	290.5	442.0	686.8	1,304.5
1985	50.8	30.6	52.7	84.8	122.6	179.8	286.4	411.5	649.4	1,194.0
1984	47.3	32.0	51.0	76.8	120.7	164.5	264.6	363.8	655.2	1,069.0
1983	45.7	28.6	51.2	79.1	121.3	163.7	243.7	363.3	630.3	1,012.9
1982	41.0	30.4	46.0	70.6	106.2	149.9	228.9	341.1	552.2	835.3
1981	40.7	37.2	49.7	75.2	111.2	146.6	217.8	325.8	532.0	840.2
1980	40.1	29.4	46.4	66.2	101.9	159.6	222.5	330.4	495.9	858.0
1979	36.7	29.5	45.2	60.8	107.4	136.3	221.3	306.6	436.2	676.3
Other heart diseases (415-429.1,429.3-429.9)										
Black, both sexes										
1998	56.1	50.6	65.0	96.4	141.8	195.5	293.4	418.7	668.2	1,295.5
1997	54.9	46.7	70.4	97.1	144.6	192.2	297.1	391.3	644.9	1,302.8
1996	56.0	50.9	70.5	97.2	152.8	195.0	308.1	404.3	649.4	1,294.9
1995	56.7	51.4	68.9	100.3	155.0	202.9	313.2	419.5	650.3	1,261.7
1994	56.0	48.9	67.9	106.7	142.0	205.4	315.4	422.8	654.3	1,225.7
1993	58.8	52.6	76.6	119.7	155.1	227.8	322.9	441.9	687.7	1,265.6
1992	57.3	54.6	72.9	108.9	155.7	215.0	317.2	431.6	681.2	1,210.8
1991	58.1	53.8	71.0	108.2	154.7	230.2	322.8	459.6	674.7	1,237.2
1990	58.9	50.7	72.7	112.1	160.9	230.7	309.4	472.8	697.2	1,313.8
1989	62.8	53.6	86.2	121.6	175.2	255.3	340.6	496.7	745.7	1,339.1
1988	71.5	59.8	91.7	134.2	204.9	287.7	400.2	584.1	877.2	1,550.0
1987	69.4	57.5	92.1	124.0	199.9	283.5	401.8	569.0	880.2	1,467.3
1986	69.4	57.9	90.2	134.0	202.0	275.3	404.0	574.6	866.7	1,443.8
1985	65.5	54.7	92.5	131.2	190.8	262.0	394.7	525.5	826.5	1,324.1
1984	60.7	54.2	81.8	119.6	182.2	244.8	366.7	468.6	801.7	1,210.0
1983	58.4	49.1	80.3	122.3	180.1	237.0	345.6	466.7	770.0	1,110.9
1982	52.6	52.6	72.6	108.5	168.6	218.4	314.8	416.9	669.3	976.1
1981	51.7	55.4	76.2	115.8	164.2	203.7	290.9	397.3	673.7	981.0
1980	51.6	49.8	75.7	108.7	157.0	215.2	298.7	409.6	625.9	991.5
1979	45.4	49.3	65.7	94.5	149.8	190.8	277.8	371.0	509.0	787.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other heart diseases (415-429.1,429.3-429.9)										
Black, male										
1998	55.6	66.2	83.7	115.1	181.9	241.0	354.5	500.4	805.2	1,436.3
1997	54.9	61.1	89.9	126.0	189.3	239.8	365.9	466.8	793.7	1,377.7
1996	56.6	67.8	89.6	120.3	196.8	248.7	393.1	506.6	791.8	1,426.3
1995	58.6	68.1	93.6	128.1	196.7	259.9	390.6	522.9	824.3	1,397.2
1994	57.3	64.4	89.9	133.8	184.9	256.0	398.7	521.4	801.0	1,352.6
1993	60.5	71.6	105.3	165.4	197.4	286.7	412.9	546.0	798.9	1,348.2
1992	60.0	75.0	94.3	139.3	197.5	266.4	414.5	540.6	867.8	1,364.8
1991	61.3	74.0	92.1	143.2	201.8	297.0	408.6	610.8	815.3	1,335.1
1990	61.9	72.6	95.6	147.6	207.3	297.0	398.5	574.7	867.3	1,404.9
1989	66.0	73.7	117.4	158.0	219.3	330.8	436.5	617.4	887.6	1,460.6
1988	77.3	80.6	126.5	177.5	269.6	373.6	530.4	757.6	1,094.7	1,780.0
1987	74.3	76.3	125.0	158.5	262.4	384.7	492.8	721.7	1,051.1	1,676.6
1986	75.3	78.6	118.3	180.8	268.9	357.1	518.5	725.6	1,085.6	1,603.2
1985	71.7	75.5	127.7	170.3	254.0	341.0	508.1	644.1	1,060.9	1,500.0
1984	66.6	74.0	109.1	158.4	239.2	326.1	473.1	582.6	971.4	1,393.4
1983	64.4	67.5	104.6	161.8	236.5	309.3	461.1	583.6	930.5	1,218.3
1982	58.4	74.7	94.5	143.6	232.5	291.0	405.8	488.2	798.8	1,155.2
1981	57.3	69.7	100.0	153.4	213.8	260.7	368.6	470.3	839.0	1,142.9
1980	58.4	68.6	104.5	150.0	212.7	272.9	381.8	499.5	762.4	1,147.0
1979	50.9	68.1	83.8	129.2	191.4	254.4	337.2	440.4	602.6	986.5
Other heart diseases (415-429.1,429.3-429.9)										
Black, female										
1998	56.5	37.2	49.3	81.2	110.3	161.9	253.1	369.2	601.4	1,242.3
1997	55.0	34.4	54.1	73.8	109.8	157.0	251.9	345.8	573.0	1,274.3
1996	55.5	36.6	54.7	78.6	118.7	155.2	252.4	343.1	580.2	1,244.7
1995	55.0	37.3	48.4	77.9	122.6	160.5	262.6	357.9	565.6	1,209.1
1994	54.8	35.9	49.5	85.0	108.9	167.9	260.7	364.9	582.0	1,176.1
1993	57.3	36.5	52.7	83.2	122.6	184.6	263.1	381.5	631.9	1,232.9
1992	54.8	37.4	55.2	84.7	123.7	177.4	252.9	368.6	586.6	1,148.7
1991	55.2	36.8	53.7	80.5	118.8	181.7	266.3	371.5	603.2	1,196.9
1990	56.2	32.4	53.9	84.0	125.9	182.8	250.8	413.0	609.2	1,275.2
1989	60.0	36.8	60.7	92.6	141.7	200.6	278.3	425.2	671.4	1,295.4
1988	66.2	42.4	63.0	99.7	155.6	225.4	313.4	480.4	762.4	1,449.7
1987	65.1	41.8	65.3	96.6	152.2	209.7	340.7	476.5	788.3	1,374.3
1986	64.2	40.8	67.3	96.3	151.0	215.4	327.4	482.2	747.3	1,371.0
1985	60.0	37.4	63.6	99.5	142.1	204.1	319.6	451.6	697.5	1,242.1
1984	55.5	37.8	59.3	87.9	138.1	184.9	295.6	397.0	707.9	1,123.3
1983	53.0	33.9	60.6	90.3	136.6	183.7	268.3	390.3	679.3	1,058.9
1982	47.4	34.4	54.8	79.9	118.5	164.9	252.3	372.9	594.2	888.1
1981	46.7	43.6	56.9	85.2	125.2	162.1	236.5	350.0	577.3	892.0
1980	45.5	34.4	52.5	75.0	112.9	172.3	239.5	351.1	544.1	913.7
1979	40.5	33.7	50.8	66.0	116.7	143.1	235.0	322.0	450.8	688.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and subacute endocarditis (421)										
All races, both sexes										
1998	0.4	0.4	0.4	0.6	0.8	0.9	1.6	1.7	2.7	2.9
1997	0.4	0.3	0.4	0.5	0.8	1.0	1.3	2.0	2.2	2.4
1996	0.3	0.3	0.4	0.4	0.4	0.9	1.0	1.7	2.1	2.5
1995	0.4	0.3	0.4	0.6	0.8	0.9	1.3	1.8	2.4	2.9
1994	0.3	0.2	0.4	0.4	0.6	0.7	1.3	1.6	2.2	2.0
1993	0.3	0.3	0.4	0.5	0.5	0.9	1.2	1.7	2.5	3.2
1992	0.3	0.4	0.3	0.5	0.6	0.8	1.2	1.8	2.5	2.9
1991	0.3	0.3	0.3	0.6	0.7	0.9	1.4	1.9	1.9	2.8
1990	0.4	0.3	0.3	0.5	0.7	1.2	1.4	1.8	2.3	3.5
1989	0.4	0.3	0.4	0.5	0.7	0.8	1.3	1.9	2.8	3.4
1988	0.4	0.3	0.4	0.4	0.8	1.0	1.5	2.0	2.5	3.0
1987	0.4	0.3	0.5	0.5	0.8	0.8	1.5	2.0	2.2	2.6
1986	0.4	0.3	0.3	0.5	0.8	1.0	1.5	1.8	2.9	2.7
1985	0.4	0.4	0.4	0.6	0.8	1.1	1.6	2.3	2.5	2.9
1984	0.4	0.3	0.4	0.7	0.7	1.2	1.5	1.9	2.1	3.2
1983	0.3	0.3	0.5	0.6	0.9	1.0	1.4	1.7	1.8	2.8
1982	0.4	0.4	0.4	0.7	1.0	1.1	1.4	1.9	1.8	2.7
1981	0.3	0.3	0.4	0.6	0.7	1.1	1.2	1.9	1.5	2.5
1980	0.3	0.3	0.4	0.7	0.9	0.9	1.3	1.6	2.4	1.6
1979	0.3	0.4	0.4	0.5	0.8	1.1	1.5	1.5	2.2	2.1
Acute and subacute endocarditis (421)										
All races, male										
1998	0.4	0.5	0.7	0.7	0.8	1.2	2.1	2.2	3.8	3.9
1997	0.4	0.3	0.5	0.5	0.8	1.3	1.7	2.7	3.3	2.8
1996	0.4	0.5	0.5	0.5	0.6	1.1	1.2	2.0	2.8	3.3
1995	0.4	0.5	0.5	0.8	0.9	1.0	1.5	2.4	3.4	3.6
1994	0.4	0.4	0.6	0.6	0.6	0.8	1.5	2.2	3.4	2.4
1993	0.4	0.3	0.4	0.5	0.7	1.2	1.6	2.3	2.9	4.6
1992	0.4	0.6	0.4	0.9	1.0	1.0	1.5	2.1	3.6	4.2
1991	0.4	0.5	0.5	0.7	0.9	1.2	2.0	2.4	2.3	4.0
1990	0.4	0.5	0.5	0.6	0.9	1.6	1.9	2.6	3.0	5.3
1989	0.4	0.4	0.5	0.6	1.0	1.3	1.7	1.9	3.3	4.3
1988	0.5	0.4	0.5	0.7	1.0	1.3	1.8	2.6	3.5	4.2
1987	0.4	0.4	0.8	0.7	1.2	1.1	2.2	2.4	2.5	3.8
1986	0.5	0.5	0.5	0.8	1.1	1.4	2.1	2.2	3.8	4.4
1985	0.5	0.5	0.7	0.7	1.1	1.6	2.4	3.2	3.0	3.7
1984	0.4	0.4	0.6	0.9	0.8	1.7	2.3	2.3	2.7	3.7
1983	0.4	0.4	0.8	0.8	1.4	1.5	1.9	2.1	2.3	3.8
1982	0.5	0.5	0.6	0.9	1.3	1.5	2.2	2.4	2.5	3.8
1981	0.4	0.5	0.6	0.9	1.0	1.6	1.7	2.5	*	3.3
1980	0.4	0.4	0.4	1.0	1.5	1.3	1.6	2.1	3.1	*
1979	0.4	0.5	0.6	0.9	1.1	1.8	2.3	2.1	2.7	3.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and subacute endocarditis (421)										
All races, female										
1998	0.3	0.3	*	0.5	0.7	0.7	1.3	1.4	2.0	2.5
1997	0.3	0.2	0.4	0.4	0.7	0.8	1.0	1.5	1.5	2.3
1996	0.3	*	*	*	*	0.7	0.8	1.4	1.8	2.2
1995	0.3	*	*	0.4	0.7	0.8	1.1	1.4	1.9	2.6
1994	0.3	*	*	*	0.5	0.6	1.1	1.2	1.5	1.9
1993	0.3	0.2	0.3	0.4	0.4	0.7	0.9	1.4	2.3	2.6
1992	0.3	*	*	*	*	0.6	1.0	1.6	1.9	2.5
1991	0.3	*	*	0.4	0.5	0.8	1.0	1.6	1.7	2.3
1990	0.3	*	*	*	0.5	0.8	0.9	1.3	2.0	2.8
1989	0.3	*	*	*	0.4	0.5	1.0	1.9	2.5	3.0
1988	0.3	*	*	*	0.6	0.7	1.3	1.6	2.0	2.6
1987	0.3	*	*	0.4	0.4	0.7	1.1	1.7	2.0	2.1
1986	0.3	*	*	*	0.5	0.6	1.1	1.6	2.4	2.1
1985	0.3	*	*	0.4	0.4	0.6	1.1	1.7	2.2	2.6
1984	0.3	*	*	0.6	0.6	0.7	1.0	1.7	1.8	3.0
1983	0.3	*	*	0.5	0.5	0.6	1.0	1.4	1.6	2.4
1982	0.3	*	*	0.5	0.7	0.7	0.8	1.6	1.4	2.3
1981	0.3	*	*	0.3	0.4	0.7	0.8	1.5	1.5	2.1
1980	0.3	*	*	0.4	0.4	0.7	1.1	1.3	2.0	1.3
1979	0.2	*	*	*	0.6	0.6	0.9	1.2	2.0	1.6
Acute and subacute endocarditis (421)										
White, both sexes										
1998	0.4	0.3	0.3	0.4	0.7	0.9	1.6	1.7	2.7	2.8
1997	0.4	0.2	0.3	0.5	0.7	1.0	1.2	2.0	2.2	2.7
1996	0.3	0.2	0.2	0.3	0.3	0.8	0.9	1.7	2.3	2.4
1995	0.4	0.3	0.3	0.5	0.7	0.8	1.3	1.8	2.5	3.0
1994	0.3	0.2	0.3	0.3	0.5	0.6	1.3	1.7	2.1	2.0
1993	0.3	0.2	0.3	0.4	0.5	0.9	1.2	1.7	2.5	3.3
1992	0.3	0.2	*	0.4	0.6	0.8	1.2	1.8	2.4	2.9
1991	0.3	0.2	0.3	0.5	0.6	0.9	1.4	2.0	2.0	2.9
1990	0.3	0.3	0.2	0.4	0.6	1.1	1.3	1.7	2.3	3.5
1989	0.3	0.2	0.3	0.4	0.6	0.8	1.2	2.0	2.7	3.2
1988	0.4	0.2	0.3	0.4	0.7	1.0	1.5	1.9	2.6	3.0
1987	0.3	0.2	0.4	0.5	0.7	0.8	1.6	2.0	2.2	2.4
1986	0.3	0.2	0.2	0.5	0.7	1.0	1.5	1.8	2.9	2.7
1985	0.4	0.3	0.4	0.5	0.8	1.1	1.6	2.4	2.5	2.8
1984	0.4	*	0.3	0.7	0.7	1.2	1.5	1.9	2.2	3.2
1983	0.3	0.2	0.4	0.6	0.8	1.0	1.4	1.6	1.8	2.8
1982	0.4	0.3	0.3	0.6	0.9	1.1	1.4	1.9	1.8	2.7
1981	0.3	0.3	0.4	0.5	0.7	1.1	1.2	2.0	1.4	2.4
1980	0.3	0.2	0.3	0.6	0.8	1.0	1.4	1.6	2.3	1.7
1979	0.3	0.3	0.4	0.5	0.8	1.1	1.4	1.4	2.3	2.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and subacute endocarditis (421)										
White, male										
1998	0.4	0.4	0.5	0.6	0.7	1.0	2.1	2.2	3.9	4.1
1997	0.4	0.3	0.4	0.5	0.8	1.3	1.5	2.9	3.4	3.1
1996	0.3	0.4	0.4	0.5	*	1.0	1.2	2.1	3.0	3.2
1995	0.4	0.4	0.4	0.7	0.8	0.9	1.5	2.4	3.5	3.8
1994	0.3	0.3	0.4	0.5	0.6	0.7	1.5	2.3	3.5	2.5
1993	0.3	*	*	*	0.6	1.2	1.6	2.3	2.7	4.8
1992	0.4	0.4	*	0.7	1.0	1.0	1.5	2.1	3.6	4.1
1991	0.4	0.3	0.4	0.6	1.0	1.1	2.1	2.6	2.5	4.4
1990	0.4	0.4	*	0.6	0.9	1.5	2.0	2.7	3.0	5.8
1989	0.4	*	*	0.5	1.0	1.3	1.7	1.9	3.0	4.1
1988	0.4	*	*	0.6	0.8	1.2	1.7	2.3	3.8	4.2
1987	0.4	*	0.6	0.6	1.2	1.0	2.2	2.4	2.4	3.7
1986	0.4	*	0.4	0.8	1.1	1.5	2.0	2.4	3.8	4.1
1985	0.4	*	0.6	0.7	1.1	1.5	2.3	3.3	2.9	3.5
1984	0.4	*	0.5	0.8	0.8	1.8	2.3	2.2	2.8	3.9
1983	0.4	*	0.7	0.8	1.3	1.5	1.8	2.2	2.4	4.1
1982	0.4	*	0.5	0.8	1.3	1.6	2.1	2.5	2.3	3.5
1981	0.4	*	0.5	0.8	0.9	1.6	1.8	2.6	*	3.5
1980	0.4	*	0.4	1.0	1.3	1.2	1.6	2.1	3.0	*
1979	0.4	*	0.5	0.8	1.0	1.7	2.2	1.7	2.8	*
Acute and subacute endocarditis (421)										
White, female										
1998	0.3	*	*	*	0.7	0.7	1.2	1.3	2.1	2.3
1997	0.3	*	*	0.4	0.6	0.7	0.9	1.4	1.5	2.5
1996	0.2	*	*	*	*	0.6	0.7	1.4	1.9	2.1
1995	0.3	*	*	*	0.7	0.8	1.1	1.5	2.0	2.6
1994	0.3	*	*	*	0.4	0.6	1.1	1.3	1.3	1.8
1993	0.3	*	*	*	*	0.7	0.8	1.4	2.4	2.7
1992	0.3	*	*	*	*	0.6	1.0	1.6	1.8	2.5
1991	0.3	*	*	*	*	0.7	0.8	1.5	1.7	2.3
1990	0.3	*	*	*	*	0.8	0.8	1.1	2.0	2.7
1989	0.3	*	*	*	*	0.5	0.9	2.1	2.5	2.9
1988	0.3	*	*	*	0.6	0.7	1.3	1.7	2.0	2.6
1987	0.3	*	*	*	*	0.7	1.1	1.7	2.1	1.9
1986	0.3	*	*	*	0.4	0.6	1.1	1.4	2.4	2.1
1985	0.3	*	*	*	0.5	0.7	1.0	1.8	2.2	2.5
1984	0.3	*	*	0.5	0.7	0.7	0.9	1.7	1.9	3.0
1983	0.3	*	*	0.4	0.5	0.6	1.0	1.3	1.5	2.3
1982	0.3	*	*	0.4	0.6	0.7	0.8	1.6	1.4	2.4
1981	0.3	*	*	*	0.5	0.7	0.8	1.6	1.5	2.0
1980	0.3	*	*	*	0.4	0.7	1.2	1.3	2.0	1.5
1979	0.2	*	*	*	0.6	0.6	0.9	1.2	2.0	1.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and subacute endocarditis (421)										
All other, both sexes										
1998	0.5	1.1	1.3	1.3	*	*	2.2	*	*	*
1997	0.4	*	0.9	*	*	*	2.5	*	*	*
1996	0.4	0.8	1.1	*	*	*	*	*	*	*
1995	0.4	0.8	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	1.2	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	1.8	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Acute and subacute endocarditis (421)										
All other, male										
1998	0.6	1.4	2.2	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.6	2.0	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.6	*	*	*	*	*	*	*	*	*
1989	0.8	*	*	*	*	*	*	*	*	*
1988	0.8	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.7	*	*	*	*	*	*	*	*	*
1984	0.7	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.7	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and subacute endocarditis (421)										
All other, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Acute and subacute endocarditis (421)										
Black, both sexes										
1998	0.6	1.5	1.8	1.7	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	3.4	*	*	*
1996	0.5	1.0	1.4	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.6	1.7	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.6	*	*	*	*	*	*	*	*	*
1989	0.7	*	*	*	*	*	*	*	*	*
1988	0.7	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.6	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and subacute endocarditis (421)										
Black, male										
1998	0.8	*	3.0	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.6	*	*	*	*	*	*	*	*	*
1992	0.7	2.8	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.9	*	*	*	*	*	*	*	*	*
1988	1.0	*	*	*	*	*	*	*	*	*
1987	0.8	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.8	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.7	*	*	*	*	*	*	*	*	*
1982	0.8	*	*	*	*	*	*	*	*	*
1981	0.7	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*
Acute and subacute endocarditis (421)										
Black, female										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of pericardium and acute myocarditis (420,422-423)										
All races, both sexes										
1998	0.3	0.3	0.3	0.3	0.5	0.7	0.8	1.1	1.5	1.5
1997	0.3	0.3	0.3	0.4	0.7	0.7	0.8	1.1	1.5	1.5
1996	0.3	0.3	0.3	0.3	0.3	0.6	0.9	1.0	1.5	1.9
1995	0.3	0.3	0.4	0.4	0.6	0.7	1.0	1.0	1.1	1.5
1994	0.3	0.3	0.3	0.3	0.6	0.6	0.9	1.0	1.3	1.5
1993	0.3	0.3	0.3	0.6	0.5	0.8	1.0	1.2	1.4	1.6
1992	0.3	0.3	0.3	0.5	0.5	0.8	1.0	1.2	1.4	1.4
1991	0.3	0.3	0.3	0.5	0.5	0.7	1.0	0.9	1.3	1.8
1990	0.3	0.3	0.3	0.5	0.7	0.9	0.8	1.2	1.4	1.5
1989	0.3	0.3	0.3	0.6	0.7	0.9	1.0	1.2	1.5	1.8
1988	0.3	0.3	0.4	0.4	0.8	0.7	1.0	1.4	1.7	2.0
1987	0.4	0.3	0.5	0.5	0.8	0.9	1.2	1.2	1.9	2.0
1986	0.4	0.4	0.4	0.6	0.9	1.1	1.2	1.5	1.8	1.9
1985	0.4	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.7	2.4
1984	0.4	0.3	0.5	0.6	0.9	1.0	1.2	1.3	1.7	2.4
1983	0.3	0.4	0.5	0.6	0.7	1.0	1.3	1.1	1.2	1.2
1982	0.3	0.3	0.5	0.6	0.7	0.9	1.2	1.3	1.5	1.6
1981	0.4	0.4	0.5	0.7	0.9	1.0	1.1	1.6	1.7	1.8
1980	0.4	0.4	0.5	0.6	0.7	1.3	1.0	1.6	1.4	1.8
1979	0.3	0.2	0.3	0.6	0.8	0.9	0.9	1.1	1.5	1.3
Diseases of pericardium and acute myocarditis (420,422-423)										
All races, male										
1998	0.3	0.3	0.3	*	0.5	0.8	0.9	1.4	2.2	*
1997	0.3	0.3	0.3	0.6	1.0	0.9	1.1	1.5	1.5	2.2
1996	0.3	0.3	0.4	*	*	0.8	1.1	1.1	1.6	2.7
1995	0.3	0.3	0.5	0.5	0.7	0.8	1.1	1.1	*	*
1994	0.3	0.3	0.3	0.4	0.6	0.9	1.2	1.1	1.7	2.1
1993	0.3	0.4	0.4	0.6	0.6	0.8	1.3	1.4	1.5	*
1992	0.4	0.3	0.3	0.6	0.6	1.0	1.0	1.2	2.5	2.3
1991	0.3	0.3	0.4	0.5	0.6	0.9	1.3	1.1	1.7	2.4
1990	0.4	0.4	0.4	0.6	0.9	1.2	1.1	1.6	2.2	*
1989	0.4	0.4	0.4	0.6	0.9	1.4	1.3	1.4	1.7	*
1988	0.4	0.5	0.4	0.4	1.1	0.8	1.3	1.9	1.8	*
1987	0.4	*	0.6	0.7	0.9	1.2	1.8	1.5	2.1	2.9
1986	0.4	0.4	0.5	0.7	1.2	1.4	1.5	1.8	2.1	*
1985	0.4	0.4	0.7	0.7	0.8	1.1	1.5	1.9	1.9	*
1984	0.4	0.4	0.6	0.8	1.0	1.1	1.5	1.5	2.0	3.9
1983	0.4	*	0.6	0.8	1.1	1.1	1.8	1.3	*	*
1982	0.4	0.4	0.7	0.7	0.9	1.1	1.6	1.8	1.9	*
1981	0.4	0.5	0.6	1.0	1.0	1.0	1.2	2.1	2.4	*
1980	0.4	0.5	0.7	0.8	1.0	1.6	1.3	2.1	*	3.7
1979	0.4	*	0.4	0.8	1.1	1.1	1.0	1.3	2.0	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of pericardium and acute myocarditis (420,422-423)										
All races, female										
1998	0.3	0.3	0.2	0.4	0.5	0.5	0.7	1.0	1.1	1.6
1997	0.3	*	*	*	0.5	0.6	0.7	0.8	1.4	1.2
1996	0.2	*	*	*	*	0.5	0.8	0.9	1.4	1.6
1995	0.3	0.3	0.3	*	0.4	0.5	0.8	0.9	1.0	1.4
1994	0.3	0.3	0.3	*	0.6	*	0.7	0.9	1.0	1.3
1993	0.3	*	*	0.5	0.5	0.8	0.8	1.1	1.3	1.6
1992	0.3	0.3	*	*	0.4	0.6	1.0	1.2	0.9	1.0
1991	0.3	*	*	0.4	0.4	0.6	0.8	0.8	1.1	1.6
1990	0.3	*	*	0.4	0.5	0.7	0.5	0.9	1.0	1.3
1989	0.3	*	*	0.5	0.5	0.6	0.7	1.2	1.3	1.6
1988	0.3	*	*	*	0.5	0.7	0.8	1.0	1.6	1.9
1987	0.3	0.3	0.4	0.4	0.7	0.7	0.8	1.0	1.8	1.7
1986	0.4	0.4	*	0.5	0.7	0.9	1.0	1.2	1.7	1.8
1985	0.3	*	*	0.5	0.7	0.9	0.9	1.0	1.5	2.3
1984	0.4	*	0.4	0.4	0.8	1.0	1.0	1.1	1.6	1.7
1983	0.3	0.4	0.5	0.4	0.4	1.0	1.0	1.0	1.0	*
1982	0.3	*	0.4	0.5	0.6	0.6	0.9	1.0	1.3	1.3
1981	0.3	0.4	0.4	0.4	0.7	0.9	1.0	1.2	1.3	1.8
1980	0.3	*	0.4	0.5	0.5	1.0	0.8	1.4	1.3	*
1979	0.3	*	*	0.4	0.6	0.9	0.8	1.0	1.3	*
Diseases of pericardium and acute myocarditis (420,422-423)										
White, both sexes										
1998	0.3	0.3	0.3	0.3	0.5	0.6	0.8	1.2	1.4	1.6
1997	0.3	0.2	0.2	0.4	0.7	0.8	0.9	1.1	1.5	1.5
1996	0.3	0.2	0.3	0.3	0.3	0.6	0.9	1.0	1.5	1.9
1995	0.3	0.3	0.3	0.3	0.5	0.6	0.9	1.0	1.0	1.5
1994	0.3	0.3	0.3	0.4	0.6	0.5	0.9	1.0	1.3	1.5
1993	0.3	0.2	0.3	0.5	0.5	0.8	1.1	1.2	1.3	1.5
1992	0.3	0.2	0.2	0.4	0.5	0.8	0.9	1.2	1.5	1.4
1991	0.3	0.2	0.2	0.5	0.4	0.7	1.0	0.9	1.2	1.9
1990	0.3	0.3	0.3	0.4	0.6	0.9	0.7	1.1	1.4	1.6
1989	0.3	0.3	0.3	0.6	0.6	0.8	0.9	1.2	1.5	1.7
1988	0.3	0.3	0.4	0.4	0.8	0.7	1.0	1.3	1.6	2.0
1987	0.4	0.2	0.4	0.5	0.8	0.9	1.2	1.1	1.9	2.1
1986	0.4	0.3	0.4	0.5	0.9	1.0	1.1	1.4	1.7	1.9
1985	0.3	0.3	0.4	0.5	0.7	0.9	1.1	1.2	1.6	2.4
1984	0.4	0.3	0.4	0.5	0.8	1.1	1.2	1.3	1.7	2.4
1983	0.3	0.3	0.5	0.5	0.6	1.0	1.3	1.1	1.2	1.3
1982	0.3	0.2	0.4	0.5	0.6	0.9	1.1	1.3	1.5	1.7
1981	0.4	0.4	0.4	0.6	0.8	0.9	1.1	1.6	1.7	1.8
1980	0.3	0.3	0.5	0.6	0.6	1.2	0.9	1.5	1.4	1.7
1979	0.3	0.2	0.3	0.5	0.8	0.9	0.8	1.1	1.5	1.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of pericardium and acute myocarditis (420,422-423)										
White, male										
1998	0.3	*	0.3	*	0.6	0.7	0.9	1.5	2.1	*
1997	0.3	0.3	*	0.5	1.0	1.0	1.1	1.5	1.7	2.3
1996	0.3	0.3	0.3	*	*	0.8	1.1	1.2	1.6	2.9
1995	0.3	0.3	0.4	0.4	0.6	0.8	1.0	1.0	*	*
1994	0.3	0.3	0.4	*	0.6	0.8	1.1	1.1	1.8	*
1993	0.3	*	0.4	0.5	0.6	0.8	1.4	1.4	*	*
1992	0.3	*	*	0.5	0.6	1.1	1.0	1.1	2.6	*
1991	0.3	*	*	0.5	0.5	0.8	1.4	1.1	1.6	2.6
1990	0.3	0.4	*	0.5	0.8	1.1	1.0	1.6	2.3	*
1989	0.3	0.4	*	0.6	0.8	1.3	1.2	1.3	1.7	*
1988	0.4	0.4	*	*	1.1	0.8	1.3	1.8	*	*
1987	0.4	*	0.4	0.6	0.9	1.2	1.8	1.5	2.1	2.9
1986	0.4	*	0.5	0.6	1.2	1.2	1.5	1.7	*	*
1985	0.4	0.4	0.6	0.6	0.8	1.0	1.5	1.7	1.9	*
1984	0.4	*	0.4	0.7	0.9	1.1	1.5	1.5	2.0	3.9
1983	0.4	*	0.6	0.6	1.0	1.0	1.7	1.2	*	*
1982	0.4	*	0.5	0.6	0.8	1.1	1.5	1.7	*	*
1981	0.4	*	0.4	0.9	1.0	1.0	1.3	2.2	2.3	*
1980	0.4	*	0.5	0.7	0.8	1.4	1.1	1.9	*	3.2
1979	0.3	*	*	0.7	1.0	1.0	0.9	1.2	*	*
Diseases of pericardium and acute myocarditis (420,422-423)										
White, female										
1998	0.3	0.3	*	0.4	0.5	0.5	0.7	1.0	1.0	1.6
1997	0.3	*	*	*	0.5	0.6	0.6	0.8	1.5	1.2
1996	0.2	*	*	*	*	0.4	0.8	0.8	1.5	1.5
1995	0.3	0.3	*	*	0.5	0.5	0.7	0.9	1.0	1.3
1994	0.3	0.3	*	*	0.6	*	0.7	0.9	1.0	1.4
1993	0.3	*	*	0.4	0.5	0.8	0.8	1.1	1.3	1.4
1992	0.3	*	*	*	*	0.6	0.9	1.2	0.9	1.0
1991	0.3	*	*	0.4	*	0.5	0.8	0.8	1.0	1.6
1990	0.3	*	*	*	0.5	0.7	0.5	0.8	0.9	1.3
1989	0.3	*	*	0.5	0.5	0.5	0.7	1.2	1.4	1.5
1988	0.3	*	*	*	0.5	0.6	0.8	0.9	1.6	1.8
1987	0.3	*	*	0.4	0.7	0.7	0.8	0.9	1.9	1.7
1986	0.3	*	*	*	0.6	0.9	0.9	1.2	1.7	1.9
1985	0.3	*	*	0.4	0.5	0.9	0.8	0.9	1.5	2.4
1984	0.3	*	*	0.4	0.7	1.0	0.9	1.1	1.5	1.8
1983	0.3	*	0.4	0.4	*	1.0	1.0	1.1	*	*
1982	0.3	*	*	0.4	0.5	0.6	0.9	1.1	1.3	1.4
1981	0.3	*	*	0.4	0.7	0.9	1.0	1.2	1.3	1.7
1980	0.3	*	0.4	0.4	0.4	1.0	0.8	1.3	1.2	*
1979	0.3	*	*	0.4	0.6	0.8	0.7	1.0	1.3	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of pericardium and acute myocarditis (420,422-423)										
All other, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	0.7	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	1.4	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.6	*	1.4	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Diseases of pericardium and acute myocarditis (420,422-423)										
All other, male										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.6	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.8	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of pericardium and acute myocarditis (420,422-423)										
All other, female										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Diseases of pericardium and acute myocarditis (420,422-423)										
Black, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.7	*	1.8	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.7	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of pericardium and acute myocarditis (420,422-423)										
Black, male										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.7	*	*	*	*	*	*	*	*	*
1984	0.7	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.9	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*
Diseases of pericardium and acute myocarditis (420,422-423)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.6	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Heart failure (428)										
All races, both sexes										
1998	18.2	1.3	2.5	5.7	11.9	22.9	44.6	86.9	191.7	635.2
1997	17.9	1.1	3.0	5.9	11.6	21.6	44.4	88.0	190.8	632.3
1996	17.5	1.4	2.9	5.6	11.5	22.4	44.1	85.7	188.6	622.0
1995	17.5	1.5	2.8	5.9	12.0	22.3	42.9	87.5	192.9	624.4
1994	17.2	1.2	2.9	5.6	12.0	22.7	44.6	87.1	192.8	615.9
1993	17.5	1.5	3.2	6.7	12.6	23.9	47.5	94.0	197.2	623.5
1992	15.6	1.5	2.8	6.0	12.2	22.6	44.4	84.3	177.9	556.5
1991	15.5	1.6	2.6	5.6	12.5	22.6	44.0	85.1	179.1	560.2
1990	15.2	1.5	2.7	5.9	12.7	22.3	43.4	86.5	184.3	559.1
1989	15.7	1.6	3.5	6.9	13.3	24.3	47.4	93.9	191.8	557.5
1988	17.6	1.8	4.1	7.9	15.8	27.9	54.2	104.5	218.5	625.0
1987	17.0	1.9	3.9	7.4	15.1	28.8	55.6	104.6	214.8	596.1
1986	16.8	2.0	4.1	7.8	15.6	28.6	56.7	108.0	217.4	580.7
1985	15.9	2.0	4.3	8.1	15.2	28.1	54.6	101.1	210.0	547.8
1984	15.0	1.9	3.7	7.9	15.0	27.4	51.6	100.4	201.7	516.0
1983	14.2	2.0	4.2	7.5	14.6	27.5	50.6	96.0	190.1	491.4
1982	13.2	2.1	3.7	7.4	14.5	26.0	48.8	91.2	184.5	451.2
1981	12.6	2.2	4.2	7.9	14.4	26.4	48.0	88.4	176.5	423.4
1980	12.1	2.3	4.3	7.6	13.9	27.3	48.4	89.3	165.3	404.6
1979	11.2	2.2	4.4	7.9	14.6	26.0	45.2	81.5	157.9	358.6
Heart failure (428)										
All races, male										
1998	14.1	1.7	3.1	6.6	14.9	28.2	52.8	100.4	221.0	624.7
1997	14.0	1.4	3.9	7.1	14.4	25.9	51.7	103.5	218.2	630.8
1996	13.8	1.7	3.8	6.7	14.0	28.1	54.5	103.2	213.9	633.4
1995	13.6	2.0	3.5	7.6	14.8	27.4	51.8	101.8	223.0	628.1
1994	13.5	1.6	3.7	6.9	15.2	27.6	54.5	101.6	216.8	631.2
1993	13.9	2.0	4.1	8.2	16.0	29.1	55.8	109.7	232.3	632.1
1992	12.5	1.9	3.5	7.3	14.7	27.0	55.0	102.8	205.1	565.0
1991	12.4	2.0	3.1	6.9	16.2	28.9	53.2	103.6	204.3	569.1
1990	12.4	2.0	3.4	7.7	15.8	28.7	55.0	103.9	217.5	568.7
1989	12.9	2.3	4.5	8.5	15.9	31.3	58.4	113.9	222.8	570.9
1988	14.8	2.1	5.4	10.1	19.6	34.8	70.0	127.0	258.2	660.1
1987	14.4	2.4	4.9	9.2	19.1	36.2	70.3	130.1	250.4	620.1
1986	14.5	2.9	5.0	10.2	19.7	36.8	72.7	133.6	261.7	612.2
1985	13.7	2.6	5.7	10.6	19.0	35.6	69.7	124.8	250.0	572.4
1984	13.3	2.4	4.8	10.7	19.3	35.8	65.9	124.7	236.3	567.1
1983	12.8	2.5	5.6	9.9	18.9	35.5	67.2	122.5	223.7	533.5
1982	12.1	2.6	5.1	9.5	19.3	34.3	60.9	114.0	220.3	508.9
1981	11.7	3.0	5.7	10.1	18.6	33.7	62.2	113.4	210.1	472.3
1980	11.4	3.1	5.8	10.2	18.4	35.5	62.9	114.9	198.3	449.7
1979	10.7	3.1	5.9	10.7	19.2	34.8	58.0	101.3	190.1	402.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Heart failure (428)										
All races, female										
1998	22.1	0.9	1.9	4.8	9.2	18.4	38.2	77.4	174.8	639.4
1997	21.8	0.7	2.1	4.7	9.1	18.0	38.7	77.3	175.1	632.9
1996	21.1	1.0	2.0	4.5	9.3	17.6	36.1	73.8	174.3	617.5
1995	21.1	1.0	2.0	4.4	9.4	18.0	36.1	77.8	176.2	623.0
1994	20.7	0.8	2.1	4.4	9.1	18.7	37.1	77.4	179.7	610.1
1993	21.1	1.0	2.4	5.3	9.7	19.7	41.2	83.6	178.2	620.2
1992	18.6	1.0	2.1	4.7	10.0	19.0	36.4	72.1	163.2	553.2
1991	18.4	1.1	2.2	4.4	9.2	17.5	37.2	73.1	165.7	556.8
1990	17.9	1.1	2.1	4.3	10.0	17.2	34.7	75.3	166.7	555.5
1989	18.4	0.8	2.6	5.4	11.1	18.6	39.3	81.1	175.5	552.4
1988	20.2	1.5	2.8	5.9	12.4	22.3	42.6	90.2	197.6	611.2
1987	19.5	1.4	2.9	5.7	11.7	22.9	45.0	88.4	196.1	586.7
1986	19.0	1.3	3.3	5.6	12.0	21.9	45.0	91.8	194.1	568.3
1985	17.9	1.4	3.1	5.9	11.9	22.1	43.7	86.3	189.0	537.9
1984	16.6	1.4	2.7	5.3	11.3	20.6	41.3	85.2	183.5	495.3
1983	15.6	1.4	3.0	5.5	10.9	21.1	38.7	79.3	172.4	474.2
1982	14.3	1.6	2.4	5.5	10.3	19.2	40.0	76.9	165.7	427.2
1981	13.5	1.4	2.9	5.9	10.7	20.5	37.8	72.8	158.7	402.4
1980	12.7	1.6	2.9	5.2	10.1	20.7	38.0	73.3	147.8	384.9
1979	11.6	1.3	3.0	5.4	10.7	19.0	36.0	69.0	140.6	339.1
Heart failure (428)										
White, both sexes										
1998	20.0	0.9	2.1	4.9	10.7	21.8	43.3	86.1	192.2	653.0
1997	19.7	0.9	2.4	5.0	10.2	20.5	43.2	87.3	192.4	648.6
1996	19.1	1.0	2.6	4.8	10.3	21.3	42.5	84.9	189.4	637.8
1995	19.0	1.1	2.2	5.1	11.0	21.3	41.2	86.0	194.9	639.8
1994	18.7	1.0	2.5	4.7	10.9	21.7	42.8	85.6	193.6	632.6
1993	18.9	1.2	2.6	5.7	11.5	22.2	45.1	93.3	197.2	638.7
1992	16.8	1.2	2.3	5.2	11.2	21.0	42.5	82.6	177.7	569.1
1991	16.6	1.2	2.1	4.9	11.5	20.7	42.2	83.2	177.4	571.2
1990	16.2	1.2	2.3	5.0	11.5	20.4	41.8	83.9	182.9	567.6
1989	16.6	1.3	2.8	5.8	11.9	22.5	44.8	91.2	188.7	566.5
1988	18.6	1.4	3.3	7.0	14.3	26.1	51.8	101.1	216.5	636.3
1987	17.9	1.6	3.3	6.9	13.6	26.5	53.0	101.8	213.2	607.4
1986	17.6	1.6	3.4	6.5	13.8	26.6	53.8	105.2	214.3	589.0
1985	16.5	1.7	3.5	7.0	13.6	26.1	51.3	98.5	207.2	556.2
1984	15.6	1.4	3.1	6.9	13.7	25.4	49.1	97.6	197.8	523.7
1983	14.8	1.7	3.7	6.6	13.0	25.5	47.8	93.9	186.6	499.6
1982	13.7	1.5	3.1	6.5	13.2	23.8	46.6	89.3	180.8	458.9
1981	13.0	1.7	3.7	6.9	12.6	24.7	45.5	85.6	174.4	429.6
1980	12.3	1.9	3.7	6.6	12.4	25.0	45.7	85.9	162.1	407.7
1979	11.3	1.8	3.8	6.8	12.9	23.7	42.4	78.2	156.1	362.1

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Heart failure (428)										
White, male										
1998	15.3	1.2	2.6	5.9	13.6	27.0	51.7	100.3	222.2	639.1
1997	15.1	1.2	3.3	6.1	12.9	24.8	50.8	103.5	220.8	649.6
1996	14.9	1.2	3.4	6.1	12.6	27.1	53.1	102.4	216.8	649.3
1995	14.7	1.6	2.9	6.8	13.7	26.4	50.4	100.4	225.9	644.8
1994	14.4	1.3	3.3	6.1	13.9	26.8	52.7	100.6	218.1	649.7
1993	14.8	1.6	3.2	7.2	14.5	27.6	53.2	109.5	234.8	648.2
1992	13.3	1.6	3.0	6.6	13.5	25.9	52.8	101.8	206.7	578.8
1991	13.1	1.7	2.6	6.3	15.2	27.0	51.8	101.1	203.5	583.8
1990	13.0	1.6	3.0	6.9	14.6	26.8	53.8	101.4	215.1	578.6
1989	13.5	2.0	3.7	7.5	14.8	29.2	56.0	111.4	221.0	581.3
1988	15.4	1.6	4.5	9.3	18.4	32.9	68.3	124.1	257.0	673.1
1987	14.9	2.1	4.3	8.8	17.6	33.3	68.2	127.5	250.0	629.7
1986	15.0	2.3	4.5	8.9	18.1	34.7	70.6	131.7	259.5	623.4
1985	14.1	2.2	4.8	9.4	17.5	33.9	66.6	123.1	244.9	584.0
1984	13.7	2.0	4.2	9.9	18.4	33.9	63.6	122.5	232.7	573.8
1983	13.1	2.1	4.9	9.0	17.2	33.3	64.2	122.3	219.2	545.2
1982	12.4	2.0	4.5	8.6	17.8	31.6	59.4	113.1	218.0	520.5
1981	11.9	2.5	5.2	9.1	16.6	32.3	59.6	111.7	207.0	479.1
1980	11.5	2.7	5.2	9.0	16.6	33.1	60.2	112.7	195.5	454.0
1979	10.8	2.6	5.5	9.6	17.4	32.2	56.5	98.4	188.9	405.2
Heart failure (428)										
White, female										
1998	24.5	0.7	1.6	3.9	8.0	17.2	36.6	76.2	174.7	658.5
1997	24.0	0.6	1.6	3.9	7.8	16.8	37.2	76.0	176.0	648.3
1996	23.2	0.7	1.8	3.5	8.2	16.4	34.3	72.8	173.9	633.4
1995	23.2	0.7	1.7	3.5	8.5	17.0	34.1	76.2	177.7	637.9
1994	22.7	0.6	1.7	3.5	8.3	17.4	35.2	75.5	180.1	626.2
1993	23.0	0.8	1.9	4.4	8.7	17.7	38.9	82.5	176.8	635.2
1992	20.2	0.8	1.7	3.8	9.1	17.0	34.7	70.0	162.2	565.4
1991	19.9	0.8	1.7	3.7	8.1	15.6	34.9	71.5	163.6	566.4
1990	19.2	0.8	1.5	3.3	8.7	15.3	32.9	72.5	165.9	563.5
1989	19.6	0.6	2.0	4.2	9.3	17.0	36.4	78.2	171.8	561.1
1988	21.5	1.2	2.2	4.9	10.7	20.5	39.6	86.4	195.3	622.2
1987	20.8	1.1	2.4	5.1	10.0	20.9	41.9	85.6	194.1	598.8
1986	20.0	0.9	2.4	4.3	10.1	19.8	41.5	88.5	190.8	575.7
1985	18.8	1.1	2.2	4.9	10.2	19.7	40.2	83.1	187.6	545.3
1984	17.4	0.9	2.2	4.2	9.6	18.4	38.6	82.0	179.6	503.9
1983	16.3	1.3	2.5	4.4	9.2	19.2	36.0	76.2	169.6	481.2
1982	15.0	1.1	1.9	4.6	9.2	17.6	37.2	74.5	161.4	433.7
1981	14.0	1.0	2.3	4.9	9.1	18.5	35.3	69.4	157.3	408.9
1980	13.1	1.2	2.3	4.5	8.9	18.5	35.3	69.2	144.5	387.8
1979	11.9	1.1	2.3	4.2	9.0	16.9	32.3	65.8	138.7	342.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Heart failure (428)										
All other, both sexes										
1998	10.1	3.1	4.9	10.7	19.8	31.0	55.1	93.8	187.3	461.0
1997	9.9	2.1	6.4	11.1	20.1	29.3	54.3	94.2	174.7	471.2
1996	9.9	3.5	4.9	10.4	19.3	30.5	57.5	93.5	179.8	464.8
1995	10.0	3.4	5.9	10.8	18.6	29.1	57.7	101.3	172.2	470.3
1994	9.9	2.7	5.2	10.9	18.9	30.5	60.5	101.6	185.2	446.0
1993	10.6	3.5	7.5	12.7	20.7	37.4	68.0	100.4	197.2	467.2
1992	9.7	3.3	5.7	10.9	19.3	35.2	60.8	99.8	179.2	426.2
1991	10.0	3.7	5.5	9.7	20.0	37.8	60.7	103.5	196.6	445.0
1990	10.3	3.7	5.6	11.9	21.7	38.1	57.4	111.4	198.4	469.2
1989	11.2	3.1	7.8	14.2	24.6	39.5	71.5	119.9	224.0	462.9
1988	12.3	4.3	8.9	14.3	27.4	43.5	76.2	137.2	240.6	504.0
1987	11.9	3.9	7.7	11.3	27.4	49.1	79.2	130.7	231.8	474.2
1986	12.6	4.6	8.4	16.9	29.9	46.5	82.9	134.6	249.8	490.5
1985	12.1	4.1	10.3	16.6	28.6	46.3	85.1	126.3	240.8	455.2
1984	11.5	4.6	7.6	15.6	26.2	45.1	74.9	128.1	245.4	430.9
1983	11.1	3.5	8.2	15.2	28.9	45.1	76.4	115.9	229.8	401.0
1982	10.4	5.6	7.8	14.7	25.2	44.7	70.0	109.7	226.6	365.0
1981	10.3	5.0	8.3	16.1	30.1	41.3	72.2	116.1	200.8	353.2
1980	10.7	5.2	9.1	15.7	27.3	47.8	74.2	123.0	203.7	369.0
1979	10.1	4.9	8.5	17.9	30.9	46.2	72.5	113.0	179.5	318.4
Heart failure (428)										
All other, male										
1998	8.7	4.2	6.0	11.3	23.8	37.4	62.5	102.2	207.9	489.2
1997	8.3	2.7	7.7	13.3	24.3	34.2	59.6	103.2	190.9	455.0
1996	8.5	4.4	6.3	10.9	23.7	36.4	66.9	110.6	183.1	485.9
1995	8.6	4.5	7.9	12.3	22.8	34.9	65.0	116.0	192.8	473.5
1994	8.6	3.5	6.2	12.4	24.3	34.2	71.2	111.9	203.0	458.6
1993	9.2	4.9	9.9	15.1	26.8	41.8	79.8	111.7	206.1	481.9
1992	8.5	4.3	7.3	11.9	23.9	35.9	75.6	112.8	189.3	436.3
1991	8.7	4.4	6.2	11.1	23.8	45.3	66.3	128.0	213.0	431.0
1990	9.3	4.6	6.0	13.6	25.5	45.9	67.3	127.3	241.0	476.7
1989	10.0	4.3	9.7	15.8	25.5	50.3	81.3	138.3	239.7	474.1
1988	11.2	5.5	11.6	16.6	29.9	52.3	86.5	154.3	270.1	540.5
1987	11.1	4.5	9.2	12.6	31.9	62.6	89.9	155.3	255.4	529.9
1986	11.6	6.4	8.3	20.2	33.7	56.0	92.4	151.4	283.3	506.7
1985	11.4	5.1	12.1	20.5	32.4	51.6	99.7	139.8	302.9	463.0
1984	11.0	5.2	9.7	17.9	28.3	53.0	87.8	145.5	273.3	504.2
1983	10.8	5.4	10.6	17.7	34.7	55.1	95.2	124.9	270.1	420.3
1982	10.1	6.3	10.2	17.2	32.8	59.6	75.1	122.0	244.7	397.0
1981	10.2	6.1	9.8	18.8	37.1	46.5	85.9	129.0	242.9	404.7
1980	10.8	6.5	10.9	21.5	35.0	57.6	88.3	135.1	228.1	406.5
1979	10.1	7.2	9.2	21.1	36.8	57.9	71.6	127.2	203.5	374.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Heart failure (428)										
All other, female										
1998	11.4	2.2	3.9	10.1	16.6	26.3	50.1	88.4	176.4	449.1
1997	11.5	1.6	5.3	9.4	16.8	25.7	50.7	88.5	166.2	478.0
1996	11.3	2.7	3.6	9.9	15.9	26.1	51.1	82.7	178.1	455.8
1995	11.3	2.5	4.1	9.5	15.3	24.9	52.7	92.2	161.3	469.0
1994	11.1	2.0	4.4	9.6	14.7	27.8	53.2	95.2	175.7	440.6
1993	11.9	2.3	5.4	10.7	16.0	34.1	59.9	93.4	192.4	460.8
1992	10.9	2.4	4.3	10.1	15.8	34.7	50.6	91.9	173.6	421.8
1991	11.2	3.1	5.0	8.5	17.1	32.2	56.8	88.3	187.5	451.2
1990	11.2	2.8	5.3	10.5	18.8	32.3	50.7	101.5	174.3	465.8
1989	12.3	2.1	6.1	12.9	23.9	31.5	64.7	108.5	216.0	455.1
1988	13.3	3.2	6.6	12.4	25.4	36.9	69.2	125.9	222.5	487.0
1987	12.6	3.4	6.4	10.2	23.9	39.0	71.9	114.9	218.4	447.9
1986	13.5	3.0	8.4	14.2	27.1	39.5	76.3	124.1	230.7	482.7
1985	12.8	3.2	8.7	13.4	25.5	42.3	74.9	117.5	205.0	451.3
1984	12.0	4.1	5.9	13.7	24.6	39.2	66.0	116.4	229.1	394.5
1983	11.3	*	6.3	13.1	24.4	37.5	63.3	109.9	206.1	391.4
1982	10.6	4.9	5.9	12.6	19.1	33.5	66.1	101.4	217.2	348.9
1981	10.3	4.1	7.0	13.8	24.4	37.3	62.0	107.3	175.3	324.4
1980	10.6	4.1	7.7	10.8	21.1	40.3	63.7	114.8	188.8	349.8
1979	10.2	3.0	8.0	15.3	26.0	37.1	73.0	101.9	164.5	292.1
Heart failure (428)										
Black, both sexes										
1998	12.6	4.4	6.8	13.7	25.8	38.7	68.2	110.5	219.4	496.2
1997	12.3	2.9	8.5	14.2	26.2	36.7	68.7	109.0	192.1	503.5
1996	12.3	4.6	6.3	12.8	23.8	37.6	69.6	109.9	202.3	497.7
1995	12.3	4.5	7.3	13.8	23.1	35.7	69.4	116.4	192.2	505.2
1994	12.1	3.5	6.7	13.3	24.0	37.1	73.2	115.3	203.1	471.1
1993	13.0	4.7	9.7	16.2	26.1	45.2	81.1	113.5	217.7	492.3
1992	11.8	4.5	7.6	13.6	23.4	41.7	70.6	111.6	197.6	448.0
1991	12.1	4.8	7.0	11.9	24.1	45.0	70.0	115.0	213.5	469.8
1990	12.5	4.8	7.0	14.4	26.0	44.7	66.1	124.5	215.8	495.9
1989	13.5	3.7	9.3	17.9	29.6	47.3	81.9	133.2	241.8	486.4
1988	14.7	5.5	10.8	17.4	32.7	50.4	86.6	154.8	260.3	528.5
1987	14.2	4.8	9.2	13.2	32.2	56.4	88.8	146.3	254.8	502.4
1986	14.9	5.6	9.9	20.2	35.2	53.0	94.4	149.4	272.5	511.9
1985	14.3	5.1	12.3	19.5	33.0	53.9	96.6	138.1	260.4	475.4
1984	13.5	5.2	9.2	18.1	30.7	51.5	84.6	138.3	265.3	456.3
1983	12.8	4.4	9.8	17.5	32.5	50.6	84.0	126.5	247.1	415.8
1982	11.9	6.4	9.2	16.8	28.2	48.8	78.1	116.2	242.2	389.8
1981	11.7	6.0	9.7	18.7	33.5	46.0	78.8	124.9	217.2	364.9
1980	12.1	6.1	10.5	17.6	30.2	51.6	80.3	131.5	221.3	384.1
1979	11.2	5.9	9.6	19.4	34.0	48.6	78.5	118.7	188.1	326.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Heart failure (428)										
Black, male										
1998	10.7	6.0	8.6	14.6	31.7	46.0	76.8	124.1	248.0	546.5
1997	10.2	3.7	10.4	17.0	31.9	42.8	76.9	119.0	219.6	509.3
1996	10.5	6.0	8.3	13.7	28.9	44.9	83.7	134.6	221.3	527.3
1995	10.6	5.9	9.9	15.8	29.0	44.2	79.6	139.2	221.3	531.7
1994	10.5	4.4	7.9	15.7	31.0	41.6	87.2	131.0	235.4	497.4
1993	11.2	6.8	12.9	19.7	34.2	50.7	98.0	128.9	227.9	502.5
1992	10.3	6.1	9.7	14.8	28.8	43.5	89.3	129.2	211.1	469.4
1991	10.6	5.9	8.2	13.5	29.2	53.9	77.7	148.8	235.2	463.9
1990	11.3	6.2	7.7	17.2	30.4	54.9	79.1	145.5	270.5	529.7
1989	12.0	5.5	11.3	20.1	30.3	61.6	94.0	155.1	262.9	506.1
1988	13.4	7.3	14.2	20.2	35.2	62.5	100.0	180.2	303.2	583.1
1987	13.2	5.3	11.1	14.7	38.8	73.2	101.2	175.4	282.6	582.8
1986	13.7	8.1	10.4	24.5	39.3	63.3	105.2	169.8	311.1	531.7
1985	13.5	6.5	14.4	23.8	38.0	61.4	115.9	154.1	337.9	501.6
1984	12.8	6.0	11.9	21.2	33.6	61.7	100.8	156.3	297.6	542.6
1983	12.5	6.8	13.1	20.4	40.0	63.9	106.6	140.6	293.9	428.3
1982	11.6	7.6	11.9	19.6	37.3	65.3	84.7	129.2	265.0	425.9
1981	11.7	7.4	11.6	22.5	41.6	52.9	96.2	141.1	264.9	405.4
1980	12.1	7.5	12.8	23.9	38.6	62.3	97.2	145.8	246.6	415.0
1979	11.2	8.6	10.2	23.5	41.4	62.4	78.8	137.9	211.7	386.5
Heart failure (428)										
Black, female										
1998	14.3	3.0	5.4	13.0	21.2	33.3	62.5	102.2	205.5	477.3
1997	14.1	2.2	6.9	12.0	21.7	32.1	63.4	103.0	178.8	501.3
1996	13.9	3.5	4.7	12.1	19.8	32.2	60.3	95.1	193.1	486.4
1995	13.8	3.3	5.2	12.1	18.5	29.3	62.8	102.8	178.1	495.0
1994	13.5	2.8	5.8	11.4	18.5	33.7	64.1	106.1	187.2	460.9
1993	14.7	2.9	7.1	13.4	19.9	41.1	69.8	104.5	212.5	488.3
1992	13.2	3.1	5.7	12.7	19.3	40.4	58.3	101.4	190.7	439.4
1991	13.6	3.9	6.0	10.6	20.3	38.5	64.9	95.2	202.4	472.2
1990	13.5	3.6	6.5	12.2	22.8	37.3	57.6	112.2	187.4	481.6
1989	14.9	*	7.7	16.2	29.0	36.9	74.1	120.3	230.8	481.0
1988	15.8	4.1	8.0	15.2	30.9	41.6	77.6	139.5	237.6	504.7
1987	15.1	4.3	7.6	11.9	27.1	44.1	80.4	128.7	239.8	466.7
1986	16.1	3.6	9.6	16.7	32.2	45.5	87.0	137.0	251.5	502.9
1985	14.9	3.9	10.6	16.0	29.2	48.5	83.9	128.2	217.7	463.2
1984	14.1	4.6	7.0	15.5	28.5	44.0	73.8	127.1	247.4	415.5
1983	13.0	*	7.1	15.2	26.7	40.9	68.9	117.0	220.7	409.7
1982	12.2	5.5	7.1	14.6	21.1	36.6	73.6	108.4	229.0	372.0
1981	11.8	4.7	8.1	15.7	27.2	41.0	66.7	114.3	189.4	341.6
1980	12.1	4.9	8.6	12.4	23.6	43.7	68.2	122.1	206.1	368.7
1979	11.2	3.6	9.1	16.0	28.2	38.3	78.3	105.1	173.4	297.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
All races, both sexes										
1998	40.3	17.2	24.0	36.9	57.5	86.2	132.5	211.6	356.6	825.4
1997	40.0	17.1	23.8	38.6	60.0	87.9	135.4	210.0	360.5	808.0
1996	39.4	16.8	25.0	38.8	60.4	88.0	133.3	209.4	356.5	798.4
1995	39.1	17.1	25.3	38.8	63.1	88.0	135.6	210.5	354.4	770.5
1994	38.4	16.8	24.8	40.3	60.4	90.4	139.6	207.5	348.1	748.8
1993	39.3	16.5	26.1	41.9	63.4	95.3	141.0	222.9	358.1	760.2
1992	37.8	16.6	25.7	40.1	63.5	92.2	140.4	214.6	350.5	718.9
1991	37.7	16.5	25.4	42.1	63.4	94.4	142.9	219.6	348.8	716.9
1990	37.2	16.6	25.9	42.2	65.0	94.5	143.1	220.0	351.3	709.4
1989	38.5	16.6	27.9	45.1	67.2	100.2	149.7	228.5	361.0	727.6
1988	44.3	18.5	31.9	52.5	79.4	119.1	177.0	266.5	414.1	848.2
1987	42.6	19.5	32.6	49.1	77.4	116.3	172.6	256.1	405.2	800.5
1986	41.8	19.2	32.0	49.6	78.2	116.1	173.4	257.2	399.9	766.6
1985	39.1	18.8	31.2	48.8	74.5	109.7	164.3	241.2	373.1	704.9
1984	35.7	18.2	30.5	45.9	71.2	103.8	151.5	216.9	338.5	623.8
1983	34.1	17.2	29.1	45.2	68.9	98.7	148.4	212.3	323.6	584.4
1982	30.9	18.2	27.1	42.3	64.1	93.2	133.8	194.0	284.7	518.2
1981	29.4	17.9	27.5	42.9	61.6	87.6	125.7	179.6	279.6	493.2
1980	28.1	16.4	26.4	40.3	59.9	85.5	124.3	175.4	260.4	473.3
1979	25.3	16.1	25.2	36.1	55.9	75.3	111.7	158.7	240.2	411.5
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
All races, male										
1998	38.7	22.7	30.5	46.7	75.7	108.0	164.1	261.1	429.1	871.1
1997	38.9	22.6	31.0	50.3	77.8	112.7	172.0	262.8	429.6	870.4
1996	38.6	22.3	32.1	50.1	78.6	115.2	170.6	263.2	432.9	864.3
1995	39.0	23.4	33.3	49.7	81.4	116.0	175.6	271.6	433.3	843.3
1994	38.4	22.2	33.5	54.3	79.4	119.1	181.1	263.6	432.9	811.8
1993	39.4	22.0	35.2	56.0	83.5	126.8	185.6	281.5	438.2	838.1
1992	38.4	22.0	34.1	54.2	84.6	122.9	184.0	272.2	439.4	810.9
1991	38.7	22.7	34.1	55.8	86.0	125.9	190.4	287.7	440.3	798.2
1990	38.4	22.5	34.6	56.0	87.5	126.2	190.3	291.7	446.9	780.8
1989	39.8	22.6	37.2	61.0	91.2	135.9	200.1	298.5	453.1	805.5
1988	46.3	24.9	43.4	71.4	109.4	160.8	244.0	351.8	521.0	948.3
1987	44.7	26.1	44.7	66.6	103.9	158.6	234.0	340.3	512.3	911.9
1986	44.5	25.1	43.0	67.7	108.4	159.2	236.8	345.5	505.7	876.6
1985	42.0	25.5	42.5	67.2	103.9	152.3	223.9	321.5	478.5	822.5
1984	39.0	25.3	40.8	63.7	99.4	145.0	207.1	290.2	430.9	740.7
1983	37.3	23.0	39.3	62.6	94.5	139.5	205.3	279.0	410.9	700.0
1982	33.8	23.9	37.1	58.4	88.6	129.3	181.6	254.4	355.5	613.9
1981	32.7	23.7	37.7	60.2	84.7	120.4	172.6	239.1	366.8	598.1
1980	31.4	22.0	36.5	56.5	82.8	117.2	171.0	232.5	339.7	552.9
1979	28.3	21.8	34.8	50.8	77.1	106.5	151.8	208.4	310.5	491.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
All races, female										
1998	41.9	11.8	17.7	27.8	41.0	67.7	108.0	177.3	314.7	807.3
1997	41.1	11.9	16.9	27.7	44.0	66.9	107.1	173.7	321.1	783.6
1996	40.3	11.4	18.1	28.3	44.1	65.1	104.7	172.6	313.4	772.8
1995	39.3	11.0	17.6	28.7	46.7	64.6	104.9	169.2	310.6	742.4
1994	38.5	11.5	16.5	27.3	43.5	66.8	107.8	170.0	301.7	724.6
1993	39.2	11.3	17.4	28.9	45.6	69.5	107.0	184.0	314.7	730.5
1992	37.2	11.4	17.8	27.1	44.8	67.2	107.5	176.7	302.7	683.7
1991	36.8	10.5	17.1	29.6	43.5	68.8	107.3	175.2	300.1	685.7
1990	36.2	10.8	17.7	29.5	45.4	68.8	108.1	173.9	300.6	681.9
1989	37.2	10.9	19.1	30.5	46.3	71.2	112.5	183.7	312.4	697.2
1988	42.4	12.4	21.1	35.3	53.5	85.1	127.8	212.1	357.6	809.2
1987	40.6	13.1	21.2	33.1	54.6	81.9	127.8	202.7	349.0	756.6
1986	39.3	13.5	21.7	33.2	52.3	81.1	127.3	201.5	344.5	723.0
1985	36.3	12.3	20.7	32.1	49.2	75.2	121.2	190.6	317.8	658.0
1984	32.7	11.4	20.8	29.9	46.8	70.6	111.2	170.8	290.0	576.6
1983	31.1	11.8	19.5	29.6	46.7	65.9	107.4	170.4	277.6	537.1
1982	28.2	12.7	17.7	27.9	42.8	64.3	99.2	156.1	247.5	478.3
1981	26.3	12.3	18.1	27.6	41.7	61.4	91.8	142.3	233.3	448.3
1980	25.1	11.1	17.1	25.9	40.1	60.2	90.4	139.5	218.3	438.6
1979	22.4	10.7	16.4	22.8	37.6	50.4	82.6	127.5	202.6	376.1
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
White, both sexes										
1998	41.6	14.0	20.7	32.7	51.9	80.7	126.0	206.1	352.9	832.7
1997	41.3	14.2	20.1	34.4	54.8	82.4	129.4	205.6	356.6	813.2
1996	40.4	13.6	21.0	34.4	53.9	82.4	126.0	204.2	352.0	803.1
1995	39.9	14.0	21.6	34.1	56.9	81.5	127.7	204.9	347.8	774.8
1994	39.1	13.9	21.2	35.1	55.2	83.9	132.5	201.2	341.9	750.6
1993	39.8	13.5	22.0	35.9	57.5	88.3	133.8	215.7	350.5	762.1
1992	38.1	13.3	21.9	34.7	57.4	85.8	132.7	207.5	342.3	718.9
1991	37.9	13.4	21.6	36.9	57.5	87.2	134.8	210.9	341.8	715.1
1990	37.2	13.5	21.7	36.6	58.8	87.1	135.9	210.4	342.5	702.8
1989	38.2	13.3	22.7	39.4	60.3	91.4	141.7	218.5	351.4	720.0
1988	44.0	14.9	26.8	46.4	71.4	109.4	166.6	254.7	400.6	838.8
1987	42.2	16.1	27.5	43.0	69.7	107.4	161.9	243.9	390.1	791.0
1986	41.3	15.6	27.0	43.7	70.8	107.8	162.9	244.0	386.5	756.7
1985	38.5	15.5	26.3	42.9	67.4	101.3	153.9	229.9	360.3	696.8
1984	35.1	14.9	26.2	40.8	64.4	96.4	141.2	208.7	324.9	616.1
1983	33.4	14.4	25.0	39.6	62.2	91.4	139.2	202.1	309.7	576.8
1982	30.3	15.2	23.7	37.8	57.7	86.7	125.4	185.9	275.7	515.7
1981	28.7	14.5	23.9	38.1	55.8	81.8	118.9	172.6	267.6	485.7
1980	27.2	13.5	22.6	35.8	54.3	78.5	116.3	167.3	251.3	464.8
1979	24.5	13.3	22.3	32.6	50.7	69.1	104.6	150.8	234.3	408.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
White, male										
1998	39.3	18.8	26.6	42.1	69.2	101.9	157.0	255.4	425.3	875.6
1997	39.6	18.9	26.7	45.2	71.5	106.7	165.3	258.5	423.9	875.0
1996	38.9	18.3	27.7	45.3	70.6	108.6	161.9	257.1	426.3	868.0
1995	39.2	19.8	28.9	44.2	74.6	108.4	167.1	266.3	424.0	846.2
1994	38.5	18.7	29.1	48.8	73.4	111.4	173.3	256.7	426.3	809.9
1993	39.4	18.2	29.8	47.9	76.9	118.6	177.5	273.5	430.4	841.8
1992	38.1	17.8	29.7	48.1	78.0	115.7	174.7	264.0	426.5	808.5
1991	38.4	18.7	29.7	49.4	79.0	117.3	180.8	276.4	432.5	794.6
1990	37.9	18.3	29.4	49.1	80.4	117.8	181.8	282.9	437.8	774.9
1989	39.1	18.4	30.5	54.2	83.4	126.0	190.4	287.5	442.4	796.8
1988	45.4	20.4	36.7	64.0	99.5	149.5	231.3	336.6	504.9	933.0
1987	43.8	21.8	38.2	59.6	94.6	147.2	223.3	326.2	494.5	902.6
1986	43.4	20.6	36.7	60.0	99.0	149.6	224.3	329.8	486.0	864.3
1985	41.0	21.3	36.1	60.4	94.8	142.3	212.2	308.8	462.7	813.1
1984	38.1	21.2	35.5	57.5	91.2	135.9	195.2	281.2	414.4	736.0
1983	36.2	19.4	34.6	55.7	86.5	131.3	193.9	265.8	394.4	692.3
1982	32.9	19.8	33.2	52.8	80.3	121.8	170.8	247.0	343.4	608.2
1981	31.7	20.0	33.5	54.4	77.7	113.7	165.6	233.0	352.0	587.3
1980	30.0	18.2	31.5	50.5	75.8	109.5	161.7	223.5	326.9	538.9
1979	27.4	18.3	31.5	46.3	71.3	99.2	144.0	200.5	304.1	484.1
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
White, female										
1998	43.8	9.3	14.9	23.7	36.0	62.3	101.6	171.7	310.7	815.7
1997	43.0	9.5	13.7	24.1	39.5	61.4	101.4	168.9	318.0	789.1
1996	41.8	9.0	14.6	24.2	38.7	60.0	98.0	167.8	309.9	778.1
1995	40.6	8.3	14.6	24.5	40.8	58.6	97.2	163.1	305.4	747.6
1994	39.7	9.1	13.5	22.2	38.8	60.7	101.0	163.7	295.7	728.2
1993	40.3	8.9	14.5	24.7	39.8	63.1	100.2	177.0	307.3	732.1
1992	38.0	9.0	14.4	22.2	38.8	61.2	100.5	170.0	297.2	685.1
1991	37.5	8.2	13.7	25.2	38.3	62.5	99.8	167.9	293.6	685.1
1990	36.5	8.9	14.2	25.0	39.7	61.9	101.5	163.5	292.2	675.5
1989	37.4	8.3	15.2	25.6	40.0	63.0	105.5	174.1	303.6	691.0
1988	42.7	9.5	17.2	30.0	46.8	76.3	118.7	202.6	346.1	802.7
1987	40.5	10.4	17.2	27.7	48.0	74.7	116.7	191.8	335.8	747.7
1986	39.3	10.8	17.7	28.6	46.3	73.5	118.0	189.9	334.8	714.7
1985	36.1	9.9	17.1	27.0	43.4	67.9	111.4	180.4	307.0	651.2
1984	32.4	8.8	17.3	25.6	40.9	64.3	102.0	163.4	278.4	568.6
1983	30.7	9.5	15.9	25.1	40.9	59.1	99.6	162.4	265.5	530.2
1982	27.9	10.8	14.6	24.3	37.9	58.4	92.5	147.8	240.3	477.8
1981	25.8	9.1	14.8	23.5	36.6	56.1	85.2	135.0	223.4	443.2
1980	24.5	8.9	14.3	22.5	35.6	53.5	83.5	132.3	211.5	432.9
1979	21.8	8.4	13.8	20.2	32.9	45.0	76.2	120.2	197.3	375.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
All other, both sexes										
1998	34.3	33.3	42.9	62.5	91.6	124.2	184.6	260.2	393.7	754.5
1997	33.9	32.6	45.6	63.6	92.6	126.3	184.8	249.8	399.5	757.3
1996	34.9	34.3	48.1	64.9	101.9	128.8	195.7	256.7	402.0	751.6
1995	35.6	34.6	47.0	67.5	103.4	135.9	203.8	262.6	420.8	727.2
1994	35.2	33.7	46.9	72.4	95.1	140.4	201.2	267.4	410.6	730.0
1993	36.8	34.5	51.1	79.7	104.6	150.3	204.2	292.0	434.8	740.3
1992	36.2	36.8	48.9	74.5	106.9	143.1	209.7	282.5	435.3	718.7
1991	36.7	35.6	48.7	76.2	106.3	152.8	216.4	303.1	422.1	735.5
1990	37.6	35.1	52.1	79.5	111.2	156.0	209.3	311.0	443.1	779.0
1989	39.7	37.5	60.8	83.9	119.9	174.1	222.9	323.6	460.8	807.8
1988	45.9	41.1	64.8	95.5	142.0	201.4	272.2	377.5	557.5	948.4
1987	45.0	40.5	65.7	92.9	139.0	193.3	271.2	371.9	566.2	903.3
1986	44.6	40.9	65.3	93.5	138.7	188.4	269.6	383.4	543.4	874.9
1985	42.3	39.0	64.1	92.9	134.4	182.6	260.9	349.6	513.4	794.6
1984	39.1	39.1	60.0	85.6	129.2	168.6	246.5	295.7	488.6	707.8
1983	38.4	35.7	57.7	89.3	127.1	163.2	234.0	311.0	479.0	669.7
1982	34.2	37.7	51.9	78.1	120.8	150.1	212.8	272.5	387.3	546.5
1981	33.8	40.4	54.9	82.6	114.4	138.9	190.0	248.2	417.4	578.4
1980	34.0	36.2	56.0	79.2	110.4	148.2	200.4	255.1	368.7	571.3
1979	29.9	36.0	48.2	65.8	103.8	130.0	181.3	235.7	310.3	440.8
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
All other, male										
1998	35.6	44.1	54.8	76.2	118.5	153.5	226.6	314.3	469.6	829.2
1997	35.6	43.1	58.2	82.7	120.3	158.2	232.5	304.1	490.0	827.2
1996	37.0	46.3	60.3	80.9	134.0	167.5	250.8	322.7	502.9	830.3
1995	38.0	45.6	61.9	85.1	129.6	175.9	254.8	323.9	530.1	816.7
1994	37.6	44.2	62.2	90.9	122.9	180.9	254.2	332.9	500.7	829.3
1993	39.6	46.1	70.7	111.1	132.8	195.2	261.8	362.4	517.5	803.5
1992	39.5	50.1	63.0	96.5	135.9	183.9	272.0	354.7	570.1	833.3
1991	40.5	49.1	62.8	100.9	142.2	200.2	281.7	399.5	519.8	831.5
1990	41.0	50.7	68.5	106.6	145.8	200.7	272.6	376.2	537.8	835.4
1989	43.4	50.8	82.9	111.7	156.1	223.2	293.7	404.1	558.7	886.4
1988	51.3	54.5	88.7	127.7	192.8	262.0	365.6	496.8	681.2	1,089.9
1987	49.7	54.3	89.4	121.6	183.6	263.0	336.5	474.0	691.1	998.7
1986	50.4	54.6	87.5	128.9	190.1	246.9	355.9	492.9	704.6	992.0
1985	47.9	53.8	89.6	122.6	184.7	243.3	335.3	439.8	639.4	911.0
1984	44.3	53.2	80.0	115.0	173.5	228.0	320.9	372.8	600.0	784.7
1983	43.8	47.9	75.2	120.3	167.4	215.5	313.3	401.5	581.4	773.9
1982	39.2	53.3	67.8	105.8	165.9	197.5	283.4	323.0	481.9	670.1
1981	38.4	50.4	71.7	110.1	150.3	181.1	238.2	295.7	522.0	706.3
1980	39.8	49.9	78.4	109.5	148.9	187.3	258.0	316.5	475.7	696.2
1979	34.4	48.6	63.1	91.5	132.9	172.4	226.1	279.3	377.9	562.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
All other, female										
1998	33.2	23.9	32.7	51.0	69.9	102.3	156.0	225.7	353.4	723.1
1997	32.4	23.7	34.8	47.7	70.5	102.6	152.3	215.4	351.7	727.8
1996	33.1	23.9	37.7	51.6	76.4	100.0	158.1	215.2	348.4	718.3
1995	33.3	25.2	34.3	53.0	82.8	106.2	168.9	224.3	362.6	689.1
1994	33.0	24.7	33.8	57.1	73.3	110.3	164.9	226.9	362.3	687.4
1993	34.2	24.6	34.3	54.0	82.7	117.2	164.5	248.8	389.7	713.0
1992	33.2	25.4	36.9	56.5	84.6	112.8	166.9	238.2	360.9	668.6
1991	33.2	24.0	36.8	56.3	78.8	117.8	171.7	243.6	368.1	693.0
1990	34.5	21.8	38.3	57.7	84.9	123.0	166.2	270.5	389.7	753.4
1989	36.3	26.0	42.1	61.6	92.3	137.4	174.5	273.2	407.1	767.0
1988	40.9	29.5	44.6	69.7	102.8	156.2	208.4	301.2	483.8	882.2
1987	40.7	28.6	45.8	69.8	104.6	141.4	226.5	306.5	494.9	858.3
1986	39.3	29.1	46.8	65.0	99.1	144.7	210.4	313.6	451.3	818.6
1985	37.2	26.3	43.2	68.9	95.1	136.8	209.0	290.4	440.6	738.0
1984	34.4	27.0	43.4	61.7	94.5	124.0	194.8	244.4	423.3	669.7
1983	33.6	25.2	43.5	64.0	95.3	123.9	178.5	250.3	418.8	618.0
1982	29.7	24.6	38.9	55.4	84.9	114.5	161.3	238.6	333.1	484.2
1981	29.6	32.1	41.3	59.9	85.5	107.0	154.3	216.0	354.0	509.4
1980	28.8	24.9	37.9	54.0	79.6	118.3	157.4	213.3	302.9	507.4
1979	25.9	25.6	36.1	44.5	80.2	97.2	146.8	202.7	268.1	381.6
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
Black, both sexes										
1998	42.4	44.2	55.7	80.4	114.0	154.3	221.9	304.1	443.8	793.3
1997	41.8	42.6	60.5	81.4	116.4	152.8	224.1	279.2	450.2	797.3
1996	43.0	44.5	62.4	83.0	126.8	155.4	235.1	291.8	445.0	791.3
1995	43.5	45.7	59.8	84.9	129.5	164.3	239.8	300.2	455.0	753.2
1994	43.1	44.2	59.6	91.8	116.9	166.2	240.2	305.9	448.1	751.2
1993	44.8	46.3	64.9	100.7	127.1	180.1	238.7	325.6	464.9	768.7
1992	44.4	47.8	63.4	92.9	130.3	171.5	243.3	316.1	478.4	757.9
1991	44.9	46.9	62.5	94.0	128.0	182.0	249.8	342.2	457.5	764.4
1990	45.3	44.6	64.1	96.2	132.3	182.2	239.9	343.9	477.7	813.9
1989	48.0	47.8	75.0	101.9	142.7	204.9	255.0	361.0	499.6	845.5
1988	55.5	52.2	79.0	114.9	169.0	234.9	310.5	423.7	612.5	1,015.4
1987	54.1	50.8	80.1	109.2	164.8	224.9	310.7	418.3	622.1	959.6
1986	53.2	50.7	78.9	111.3	164.4	218.6	305.1	420.5	587.8	925.4
1985	50.0	47.6	77.8	109.2	155.6	206.0	294.2	382.2	561.6	842.1
1984	46.0	47.1	69.7	99.1	149.0	191.2	277.8	327.3	533.5	748.9
1983	44.6	43.2	68.5	102.0	144.6	183.4	258.2	336.6	518.9	691.3
1982	39.6	44.4	60.6	88.8	137.4	167.6	233.5	298.1	422.9	582.4
1981	38.9	47.3	63.7	94.3	128.9	154.6	210.3	269.4	452.6	610.1
1980	38.5	42.4	63.8	89.0	123.3	161.2	216.1	275.1	399.6	603.6
1979	33.2	42.0	54.3	72.8	113.8	138.9	196.1	247.7	316.9	455.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
Black, male										
1998	43.7	57.4	71.4	98.1	148.0	190.9	273.5	371.4	550.0	885.0
1997	43.7	56.1	77.4	106.7	154.9	193.3	283.7	344.4	571.4	867.2
1996	45.2	59.6	78.7	104.8	165.1	202.0	305.8	370.5	567.7	894.0
1995	46.9	60.3	80.9	109.7	163.8	211.9	305.2	379.0	599.4	864.3
1994	45.9	58.2	79.9	115.5	152.7	211.5	308.2	388.7	561.8	849.9
1993	48.2	62.6	90.5	142.6	160.9	233.6	311.2	413.8	563.4	841.6
1992	48.4	64.9	82.5	120.9	166.4	220.4	322.2	406.4	649.8	888.4
1991	49.5	65.4	81.9	126.6	170.5	238.8	328.1	460.3	576.1	871.2
1990	49.3	64.8	85.4	128.3	174.1	235.4	315.5	425.3	592.8	873.7
1989	52.4	65.8	103.6	135.3	184.7	265.0	338.1	457.9	619.6	947.0
1988	62.3	70.4	109.5	154.7	230.1	308.2	424.8	569.5	786.2	1,190.8
1987	59.6	68.8	109.3	141.5	219.2	308.4	388.4	541.7	763.0	1,087.5
1986	60.2	68.3	106.2	153.5	226.7	289.2	408.5	551.7	766.7	1,058.7
1985	56.7	66.4	109.2	144.4	213.8	275.5	387.0	482.9	716.1	988.7
1984	52.2	65.5	93.4	133.4	202.2	261.4	367.3	422.2	670.2	844.3
1983	50.6	58.6	89.1	137.6	191.8	242.1	349.2	438.8	636.6	786.7
1982	45.4	64.3	78.3	121.1	191.7	223.7	315.3	354.0	526.3	722.4
1981	44.3	59.0	84.2	126.9	169.9	203.9	270.3	324.7	568.8	733.9
1980	45.0	58.7	89.1	123.1	168.1	206.4	281.3	349.1	509.1	722.5
1979	38.3	57.4	71.2	102.1	147.3	187.3	252.7	294.4	385.7	590.4
All other forms of heart disease (415-417,424-427,429.0-429.1,429.3-429.9)										
Black, female										
1998	41.3	32.8	42.5	66.1	87.3	127.2	187.9	263.2	392.0	758.8
1997	40.1	31.1	46.3	60.9	86.4	122.8	184.8	239.9	391.6	770.6
1996	40.9	31.6	48.8	65.4	97.1	120.9	188.8	244.6	385.3	752.0
1995	40.5	33.3	42.3	65.0	102.8	129.1	196.9	253.2	384.8	710.1
1994	40.5	32.4	42.7	72.9	89.2	132.6	195.7	257.2	392.0	712.6
1993	41.7	32.6	43.7	67.2	101.1	140.9	190.7	274.5	415.5	739.7
1992	40.7	33.4	47.6	70.6	102.7	135.8	191.2	264.0	391.4	705.4
1991	40.7	31.3	46.5	68.2	95.6	140.8	198.1	273.3	397.3	720.5
1990	41.7	27.6	46.7	70.8	100.8	143.7	190.3	296.2	418.0	788.6
1989	44.0	32.7	51.6	75.3	110.9	161.5	200.8	303.7	436.8	807.2
1988	49.4	36.9	53.9	83.0	122.5	181.6	234.5	336.5	520.8	938.9
1987	49.2	35.8	56.2	83.4	123.3	164.1	258.7	343.6	546.2	902.8
1986	47.0	36.1	56.7	77.3	116.8	166.9	236.2	340.2	490.3	864.5
1985	44.0	32.1	52.2	80.7	110.7	155.0	232.8	319.4	476.6	773.7
1984	40.4	32.0	50.2	71.0	107.8	139.4	218.0	267.7	457.9	703.9
1983	39.2	30.4	51.8	73.0	108.1	140.2	197.2	270.3	452.4	645.2
1982	34.3	28.1	46.3	62.4	94.9	126.3	177.3	263.3	363.0	513.6
1981	34.1	37.6	47.1	67.8	96.6	118.6	168.4	233.6	384.8	543.4
1980	32.7	29.0	43.4	61.2	87.9	127.5	169.8	226.8	334.0	544.1
1979	28.6	29.3	40.6	48.8	87.2	102.7	155.4	214.8	274.2	388.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Essential (primary) hypertension and hypertensive renal disease (401,403)										
All races, both sexes										
1998	5.2	1.3	2.1	3.6	6.5	9.8	17.4	27.8	53.6	129.0
1997	5.0	1.3	2.2	3.3	6.0	9.5	16.8	28.4	52.0	121.5
1996	4.8	1.3	2.3	3.6	5.9	9.6	16.2	28.5	49.8	115.8
1995	4.7	1.3	2.3	3.5	6.4	9.6	16.6	26.7	48.6	112.4
1994	4.5	1.2	2.2	3.5	6.2	9.1	16.1	27.2	48.1	104.1
1993	4.3	1.2	2.3	3.8	6.2	9.3	15.4	25.8	44.4	102.7
1992	4.0	1.1	2.0	3.5	5.5	9.0	15.3	24.5	44.1	91.7
1991	3.8	1.3	2.0	3.2	5.2	8.7	14.5	23.4	41.4	86.1
1990	3.7	1.2	2.1	3.5	5.0	8.2	14.6	24.0	39.4	87.3
1989	3.6	1.1	2.1	2.9	5.1	8.4	13.7	22.1	39.9	83.5
1988	3.5	0.9	2.3	3.1	5.4	8.4	13.7	22.0	38.8	80.1
1987	3.4	1.1	1.9	2.9	5.1	8.5	14.3	21.2	37.4	78.6
1986	3.3	1.0	2.2	3.0	5.0	8.0	13.8	22.4	39.0	76.9
1985	3.3	1.1	2.0	3.0	5.1	7.9	13.6	22.4	38.1	76.2
1984	3.3	1.2	1.7	3.2	5.3	8.0	15.4	23.1	36.8	77.2
1983	3.3	1.2	1.8	3.0	5.2	7.9	14.0	23.4	39.2	83.2
1982	3.3	1.1	1.9	3.0	5.2	8.0	14.3	22.7	39.9	83.2
1981	3.3	1.3	2.1	3.2	5.0	8.3	13.7	23.4	41.3	84.5
1980	3.5	1.4	2.2	3.3	5.5	8.2	15.0	25.1	42.5	91.5
1979	3.2	1.3	2.1	3.2	5.1	8.3	13.2	23.2	39.9	88.4
Essential (primary) hypertension and hypertensive renal disease (401,403)										
All races, male										
1998	4.1	1.8	2.8	4.6	7.1	10.8	18.1	29.1	52.9	116.6
1997	4.1	1.8	2.8	4.0	7.9	10.0	18.4	30.3	55.3	114.4
1996	3.9	1.7	3.0	4.5	6.8	10.8	17.9	30.5	49.6	113.2
1995	3.9	1.7	3.0	4.0	7.8	10.0	18.8	28.0	50.9	108.8
1994	3.7	1.7	3.0	4.4	7.5	10.4	17.1	28.7	51.0	101.1
1993	3.6	1.4	2.9	4.4	7.2	10.2	16.3	27.9	47.0	98.2
1992	3.4	1.4	2.5	4.1	6.0	10.5	16.6	27.9	48.8	94.0
1991	3.2	1.5	2.3	4.1	6.0	9.4	15.8	24.8	44.9	93.0
1990	3.2	1.5	2.5	4.1	5.6	9.3	16.1	25.9	41.5	95.8
1989	3.1	1.5	2.8	3.7	6.0	9.9	15.4	25.7	46.0	82.9
1988	3.0	1.1	2.6	3.5	5.9	9.5	15.5	25.0	45.7	79.1
1987	3.0	1.3	2.3	3.8	6.5	9.7	16.0	24.3	41.6	82.6
1986	2.9	1.2	2.6	3.6	5.9	9.5	15.4	25.5	42.2	81.3
1985	2.9	1.4	2.4	3.7	6.2	9.1	15.8	26.2	42.8	81.2
1984	3.0	1.6	2.1	3.5	6.1	9.5	18.2	26.0	40.1	89.8
1983	3.1	1.4	2.2	3.6	6.1	9.3	16.0	27.6	46.5	97.4
1982	3.0	1.3	2.2	3.6	6.3	9.8	16.6	26.7	44.7	101.3
1981	3.1	1.5	2.5	4.0	5.8	9.6	16.0	27.9	51.4	102.0
1980	3.3	1.6	2.5	4.0	6.8	8.8	17.7	27.9	50.4	116.4
1979	3.1	1.4	2.4	4.0	5.8	10.6	15.4	27.1	48.6	107.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Essential (primary) hypertension and hypertensive renal disease (401,403)										
All races, female										
1998	6.2	0.9	1.4	2.6	5.9	8.9	16.8	26.9	53.9	134.0
1997	5.8	0.8	1.7	2.7	4.3	9.0	15.6	27.1	50.1	124.2
1996	5.7	1.0	1.7	2.7	5.1	8.6	15.0	27.1	49.9	116.9
1995	5.5	0.9	1.6	3.0	5.2	9.3	15.0	25.8	47.3	113.8
1994	5.2	0.7	1.4	2.6	5.0	8.1	15.4	26.2	46.6	105.2
1993	5.1	0.9	1.8	3.3	5.2	8.5	14.8	24.4	42.9	104.3
1992	4.6	0.8	1.6	2.9	5.0	7.9	14.2	22.3	41.6	90.8
1991	4.3	1.1	1.6	2.4	4.4	8.1	13.6	22.4	39.5	83.5
1990	4.2	0.9	1.7	3.0	4.4	7.3	13.5	22.7	38.3	84.1
1989	3.9	0.8	1.4	2.3	4.4	7.2	12.4	19.7	36.8	83.8
1988	3.9	0.8	1.9	2.7	4.9	7.5	12.4	20.0	35.2	80.5
1987	3.7	0.9	1.5	2.1	3.8	7.5	13.0	19.2	35.2	77.0
1986	3.7	0.8	1.9	2.5	4.2	6.8	12.7	20.5	37.4	75.1
1985	3.6	0.8	1.6	2.4	4.2	6.9	12.0	20.0	35.6	74.2
1984	3.6	0.8	1.4	3.0	4.5	6.8	13.3	21.2	35.1	72.1
1983	3.5	1.0	1.4	2.4	4.4	6.9	12.6	20.8	35.3	77.4
1982	3.5	0.9	1.6	2.4	4.3	6.5	12.6	20.1	37.4	75.6
1981	3.5	1.1	1.6	2.5	4.4	7.3	12.0	20.6	35.9	77.0
1980	3.6	1.2	1.9	2.6	4.3	7.8	13.0	23.3	38.2	80.7
1979	3.4	1.2	1.8	2.6	4.5	6.4	11.6	20.7	35.2	80.0
Essential (primary) hypertension and hypertensive renal disease (401,403)										
White, both sexes										
1998	4.8	0.7	1.3	2.4	4.4	7.1	14.3	23.6	47.7	119.8
1997	4.6	0.6	1.4	2.3	4.4	7.4	13.6	24.5	47.5	113.7
1996	4.4	0.7	1.4	2.4	4.1	7.5	13.6	24.7	44.8	107.4
1995	4.3	0.8	1.4	2.1	4.6	7.4	13.5	22.9	43.1	105.7
1994	4.1	0.6	1.3	2.3	4.7	6.9	13.4	23.3	42.1	97.6
1993	3.9	0.6	1.6	2.5	4.6	7.2	12.5	21.9	39.3	94.5
1992	3.6	0.5	1.1	2.3	3.9	6.7	12.3	21.5	39.5	86.3
1991	3.4	0.8	1.0	1.9	3.8	6.5	12.0	19.8	36.6	81.5
1990	3.3	0.6	1.1	2.3	3.6	6.2	12.2	20.7	35.8	82.8
1989	3.2	0.6	1.3	2.0	3.7	6.3	11.2	18.7	36.0	80.1
1988	3.1	0.5	1.1	2.1	3.6	6.7	11.4	19.2	35.4	75.9
1987	3.1	0.6	1.2	1.8	3.9	6.9	11.7	18.7	33.3	75.1
1986	3.0	0.6	1.4	2.0	3.7	6.4	11.8	19.7	35.2	73.7
1985	2.9	0.5	1.2	2.0	3.7	6.2	11.3	19.7	34.7	72.7
1984	3.0	0.6	1.2	2.3	3.8	6.6	12.5	19.9	33.4	75.5
1983	3.1	0.6	1.1	1.9	4.1	6.5	11.7	21.2	36.1	81.6
1982	3.0	0.6	1.2	2.2	4.0	6.6	12.1	20.4	36.3	82.7
1981	3.0	0.7	1.2	2.2	3.7	6.6	11.4	21.2	38.1	82.4
1980	3.1	0.7	1.2	2.3	4.0	6.3	12.7	22.3	40.5	90.5
1979	2.9	0.7	1.2	2.2	3.8	6.4	11.3	20.6	38.7	87.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Essential (primary) hypertension and hypertensive renal disease (401,403)										
White, male										
1998	3.7	1.0	1.8	3.2	5.4	7.8	15.0	24.9	47.9	110.4
1997	3.7	0.9	1.7	2.9	6.0	7.8	15.7	25.8	50.6	106.3
1996	3.5	1.0	1.7	3.3	4.7	8.7	15.1	26.6	44.7	102.3
1995	3.4	1.0	1.9	2.7	5.8	8.0	15.4	24.2	45.3	100.3
1994	3.3	0.9	1.8	3.0	5.8	8.5	14.5	24.5	45.2	95.2
1993	3.2	0.8	2.1	3.2	5.3	8.2	13.4	24.8	42.3	90.7
1992	3.1	0.7	1.4	2.9	4.8	8.1	13.7	24.9	44.8	89.6
1991	2.8	0.9	1.4	2.6	4.7	7.5	13.2	21.7	40.1	87.9
1990	2.8	0.8	1.6	3.0	4.3	7.1	13.8	23.0	37.5	90.5
1989	2.8	0.8	1.8	2.8	4.6	7.4	13.0	22.4	42.3	80.0
1988	2.7	0.7	1.4	2.9	4.5	7.9	13.7	22.9	42.7	75.6
1987	2.7	0.8	1.5	2.4	5.4	8.1	13.7	21.5	37.7	80.6
1986	2.7	0.8	1.6	2.6	4.6	8.2	13.9	22.9	38.3	79.1
1985	2.6	0.8	1.5	2.7	4.8	7.4	13.6	23.9	40.0	77.8
1984	2.7	0.8	1.5	2.5	4.7	8.3	15.0	23.6	37.1	89.0
1983	2.8	0.9	1.5	2.4	5.0	7.8	13.8	25.9	43.0	96.1
1982	2.8	0.8	1.4	3.0	4.9	8.5	14.8	24.6	41.2	102.5
1981	2.8	0.8	1.6	3.1	4.4	8.0	13.9	26.1	48.0	100.9
1980	3.0	0.9	1.5	3.1	5.4	7.4	14.9	25.7	48.2	115.7
1979	2.8	0.9	1.5	3.0	4.6	8.6	13.5	24.7	47.4	105.5
Essential (primary) hypertension and hypertensive renal disease (401,403)										
White, female										
1998	5.8	0.4	0.9	1.6	3.5	6.4	13.7	22.8	47.6	123.5
1997	5.6	0.4	1.0	1.7	3.0	7.1	11.9	23.6	45.7	116.6
1996	5.4	0.5	1.0	1.7	3.5	6.4	12.5	23.4	44.9	109.4
1995	5.1	0.5	0.8	1.5	3.5	6.9	12.0	22.1	41.9	107.8
1994	4.8	0.3	0.7	1.7	3.7	5.6	12.6	22.4	40.4	98.5
1993	4.6	0.4	1.0	1.9	3.9	6.3	11.8	20.0	37.7	95.9
1992	4.1	*	0.8	1.8	3.2	5.5	11.3	19.3	36.7	85.0
1991	3.9	0.6	0.7	1.2	3.0	5.8	11.1	18.5	34.7	79.1
1990	3.8	0.4	0.7	1.8	3.0	5.5	10.9	19.1	34.9	79.9
1989	3.6	0.3	0.7	1.3	2.8	5.4	9.9	16.3	32.7	80.2
1988	3.5	0.4	0.9	1.3	2.7	5.7	9.7	16.9	31.6	76.0
1987	3.4	0.4	0.9	1.3	2.6	5.9	10.2	16.9	31.0	72.9
1986	3.4	0.4	1.3	1.5	3.0	4.9	10.3	17.6	33.7	71.6
1985	3.2	*	0.9	1.4	2.6	5.3	9.7	17.0	31.9	70.7
1984	3.3	0.4	0.8	2.1	3.1	5.2	10.7	17.6	31.5	70.2
1983	3.3	0.4	0.8	1.4	3.2	5.4	10.2	18.3	32.5	75.7
1982	3.2	0.4	1.0	1.4	3.2	5.1	10.1	17.8	33.7	74.7
1981	3.2	0.6	0.8	1.4	3.1	5.5	9.6	18.1	32.9	74.6
1980	3.3	0.6	0.9	1.7	2.8	5.4	11.0	20.1	36.5	79.7
1979	3.1	0.6	0.9	1.5	3.2	4.7	9.8	18.0	34.2	78.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Essential (primary) hypertension and hypertensive renal disease (401,403)										
All other, both sexes										
1998	7.1	4.5	6.6	10.8	19.5	28.4	42.5	65.0	112.3	219.0
1997	6.6	4.9	7.2	9.4	15.9	23.8	43.4	63.9	96.8	198.0
1996	6.6	4.8	8.0	10.4	17.4	25.4	38.5	63.1	100.1	199.3
1995	6.6	4.5	7.7	11.9	18.5	25.9	43.7	61.8	103.8	179.6
1994	6.4	4.6	7.7	11.0	15.7	25.9	39.8	64.7	109.3	169.9
1993	6.4	4.5	7.1	12.3	17.1	25.6	41.3	62.6	95.7	186.2
1992	5.9	4.8	7.4	10.7	16.6	27.8	41.4	53.2	91.6	147.8
1991	5.7	4.4	7.8	11.5	15.0	26.0	37.1	57.8	91.8	134.8
1990	5.5	4.5	8.0	11.4	15.4	24.1	37.2	55.1	77.0	135.5
1989	5.4	4.5	7.2	9.2	16.4	25.7	36.1	54.2	81.4	119.5
1988	5.3	3.4	9.6	10.1	19.6	22.6	35.5	47.8	75.0	125.4
1987	5.0	4.2	6.6	10.7	14.2	22.3	38.0	44.6	81.8	116.3
1986	4.9	3.3	7.5	10.4	15.2	22.4	32.4	49.0	79.8	111.3
1985	5.1	4.7	7.5	10.6	17.3	22.3	34.5	48.7	74.6	114.3
1984	5.1	4.6	5.7	10.6	17.5	20.8	41.8	53.6	74.7	95.9
1983	4.8	4.9	6.2	11.8	15.1	20.6	35.0	44.6	73.7	101.4
1982	4.7	4.2	7.1	9.5	16.1	20.0	34.8	44.7	81.3	88.0
1981	5.2	5.4	8.7	11.5	16.9	23.3	35.0	45.6	78.0	108.9
1980	5.3	5.7	9.9	11.2	18.5	25.3	36.9	52.9	65.4	103.1
1979	5.1	5.5	9.4	12.0	16.9	24.7	31.9	48.4	53.6	105.2
Essential (primary) hypertension and hypertensive renal disease (401,403)										
All other, male										
1998	6.0	5.7	9.1	13.9	18.7	33.1	45.6	68.4	106.9	174.5
1997	6.0	6.8	9.6	10.8	20.6	26.6	42.3	74.2	104.2	190.8
1996	6.0	5.8	10.8	12.8	20.9	27.1	43.5	68.5	101.3	214.4
1995	6.1	6.1	9.6	12.9	21.7	26.0	50.2	65.6	109.9	187.6
1994	5.8	6.9	10.2	14.4	19.3	26.2	41.5	70.7	109.8	156.0
1993	5.5	5.1	7.8	13.2	21.4	26.6	43.8	59.5	94.2	167.9
1992	5.2	5.5	9.0	12.5	15.7	30.9	44.9	57.9	90.0	134.9
1991	5.2	5.0	8.6	14.2	16.3	26.3	40.6	55.9	93.9	140.9
1990	5.1	5.6	9.0	12.4	16.6	28.3	38.5	53.2	80.9	145.0
1989	5.1	5.9	10.0	10.0	17.3	31.6	38.3	58.1	82.6	109.9
1988	4.4	3.7	11.5	8.1	18.3	23.1	33.4	44.7	75.2	111.4
1987	4.7	4.7	8.3	15.2	16.2	24.2	37.8	50.2	81.3	101.3
1986	4.4	3.8	9.4	11.7	18.0	21.2	29.3	50.0	81.5	101.3
1985	4.7	5.2	9.1	11.6	18.5	24.1	37.0	48.1	71.2	113.7
1984	4.7	6.4	5.9	11.7	19.6	21.0	48.6	48.0	70.3	97.2
1983	4.6	5.5	7.6	14.1	16.0	22.6	36.5	43.1	82.5	110.1
1982	4.3	4.6	8.1	9.1	19.4	21.3	33.2	46.6	80.9	89.6
1981	4.9	6.3	10.0	12.2	19.2	24.0	35.3	45.2	87.9	112.5
1980	5.1	7.0	11.1	12.5	20.1	21.5	43.2	48.6	74.5	123.4
1979	5.0	5.3	10.4	12.9	17.0	28.4	34.1	48.4	61.6	127.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Essential (primary) hypertension and hypertensive renal disease (401,403)										
All other, female										
1998	8.1	3.3	4.5	8.1	20.1	24.9	40.3	62.8	115.1	237.6
1997	7.1	3.2	5.2	8.3	12.2	21.8	44.2	57.4	92.9	201.0
1996	7.1	3.9	5.6	8.3	14.7	24.2	35.1	59.6	99.5	192.9
1995	7.1	3.2	6.2	11.2	15.9	25.8	39.3	59.5	100.6	176.1
1994	6.9	2.6	5.5	8.2	12.8	25.7	38.7	61.0	109.0	175.9
1993	7.3	4.0	6.6	11.5	13.8	24.8	39.6	64.6	96.6	194.1
1992	6.6	4.2	6.0	9.2	17.3	25.5	39.1	50.3	92.5	153.4
1991	6.2	4.0	7.1	9.3	13.9	25.8	34.7	59.0	90.7	132.0
1990	5.9	3.6	7.2	10.6	14.6	21.1	36.2	56.3	74.8	131.2
1989	5.7	3.2	4.9	8.6	15.7	21.3	34.6	51.8	81.1	123.3
1988	6.1	3.1	8.1	11.7	20.5	22.3	36.9	49.6	74.5	132.0
1987	5.4	3.7	5.1	7.2	12.7	21.0	38.1	41.1	82.1	123.3
1986	5.5	2.9	5.9	9.3	13.1	23.3	34.5	48.5	78.8	116.0
1985	5.5	4.2	6.1	9.8	16.5	20.9	32.6	49.0	76.7	114.7
1984	5.4	3.1	5.5	9.8	15.9	20.6	37.1	57.2	77.3	95.2
1983	5.0	4.4	5.1	9.9	14.4	19.2	34.1	45.6	68.5	97.1
1982	5.0	3.8	6.3	9.9	13.6	19.0	35.9	43.5	82.2	87.2
1981	5.4	4.6	7.7	10.9	15.0	22.8	34.6	45.8	72.0	106.3
1980	5.6	4.7	8.9	10.1	17.2	28.2	32.2	55.9	59.9	92.7
1979	5.1	5.7	8.6	11.3	16.8	21.8	30.2	48.1	48.6	94.7
Essential (primary) hypertension and hypertensive renal disease (401,403)										
Black, both sexes										
1998	8.9	6.0	8.9	14.9	25.3	35.5	53.7	75.9	124.0	240.4
1997	8.3	6.6	10.0	12.4	21.3	29.8	54.0	74.4	113.7	216.5
1996	8.3	6.6	10.9	13.9	22.1	31.3	46.5	74.8	114.2	216.4
1995	8.3	6.3	10.4	15.5	22.9	32.1	53.2	71.8	115.2	195.2
1994	8.0	6.2	10.0	14.3	19.5	31.7	48.4	74.8	122.0	181.7
1993	8.0	6.1	9.1	16.0	21.6	31.2	49.5	71.2	109.5	198.2
1992	7.3	6.3	9.8	13.4	20.8	33.1	48.4	60.0	98.1	156.6
1991	7.1	6.0	10.3	14.7	18.2	31.1	43.5	68.2	100.7	142.2
1990	6.9	6.1	10.4	14.3	18.8	28.7	44.4	63.1	88.8	148.7
1989	6.6	5.8	9.0	11.6	20.2	30.2	42.2	61.2	88.7	126.8
1988	6.5	4.2	12.0	12.5	24.0	27.0	40.1	54.5	82.0	136.0
1987	6.2	5.5	8.1	13.2	17.3	27.0	43.5	50.2	89.7	123.6
1986	6.0	4.3	9.1	12.5	18.3	25.9	37.7	54.7	87.5	120.4
1985	6.2	6.0	9.2	12.2	21.0	26.2	39.0	54.6	81.2	124.6
1984	6.1	5.5	7.0	13.0	20.7	24.4	47.9	59.1	80.9	102.6
1983	5.7	5.9	7.4	14.0	17.8	23.2	39.5	50.1	81.1	107.1
1982	5.4	5.0	8.6	11.1	18.4	23.0	38.9	49.4	87.6	89.2
1981	6.0	6.4	10.2	13.1	19.1	26.6	39.4	49.8	84.2	117.9
1980	6.1	6.7	11.2	12.3	20.8	28.5	40.6	56.7	71.4	107.5
1979	5.7	6.3	10.9	13.3	19.0	27.0	35.2	50.8	58.2	110.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Essential (primary) hypertension and hypertensive renal disease (401,403)										
Black, male										
1998	7.5	7.8	12.0	19.7	24.5	42.1	58.7	78.8	117.2	193.7
1997	7.6	9.3	13.5	14.1	28.1	32.0	53.5	88.2	125.8	207.9
1996	7.6	7.9	14.6	17.3	27.1	33.8	54.3	84.7	120.4	233.5
1995	7.6	8.6	12.9	16.8	26.4	32.2	62.5	77.2	127.0	208.0
1994	7.3	9.3	13.7	18.7	24.6	31.9	51.1	84.7	126.6	164.9
1993	6.9	6.8	10.5	17.8	27.0	33.6	54.7	67.2	109.6	182.5
1992	6.4	7.3	11.8	15.9	19.9	37.0	52.8	66.8	94.2	149.9
1991	6.4	6.6	11.5	18.5	19.5	31.0	48.8	68.0	106.6	145.0
1990	6.4	7.8	11.7	15.4	19.6	34.4	47.8	61.0	97.6	164.5
1989	6.3	7.7	12.4	12.8	21.5	37.8	44.4	66.9	94.8	115.2
1988	5.3	4.7	14.0	9.9	22.5	27.3	37.2	50.3	80.9	123.1
1987	5.7	6.3	10.5	19.1	19.7	29.7	43.0	56.6	91.3	107.8
1986	5.3	5.0	11.2	14.0	21.4	24.2	34.7	56.4	91.1	111.1
1985	5.7	6.9	11.2	13.3	22.8	28.6	43.5	55.9	77.0	125.8
1984	5.6	7.8	7.2	14.3	23.5	24.9	57.1	51.5	76.2	108.2
1983	5.5	6.7	9.1	16.8	19.1	25.1	42.6	49.7	92.7	115.0
1982	5.0	5.7	9.9	10.5	21.4	24.9	39.3	50.3	88.8	86.2
1981	5.7	7.4	11.6	14.0	21.2	28.2	40.6	49.4	94.8	125.0
1980	5.8	8.3	12.6	13.7	22.8	24.4	47.3	52.3	80.0	130.2
1979	5.7	5.9	12.2	13.7	19.6	31.7	38.5	51.6	68.8	136.5
Essential (primary) hypertension and hypertensive renal disease (401,403)										
Black, female										
1998	10.2	4.4	6.2	11.0	25.9	30.6	50.3	74.1	127.3	258.0
1997	9.0	4.4	7.0	11.1	15.9	28.1	54.3	66.1	107.9	219.7
1996	8.9	5.4	7.7	11.0	18.2	29.5	41.5	68.9	111.2	209.8
1995	8.9	4.4	8.4	14.4	20.1	32.0	47.1	68.7	109.5	190.2
1994	8.6	3.6	7.0	10.8	15.6	31.6	46.6	69.1	119.7	188.3
1993	9.1	5.5	7.9	14.6	17.5	29.5	46.2	73.5	109.4	204.5
1992	8.1	5.5	8.0	11.3	21.5	30.2	45.5	56.1	100.1	159.3
1991	7.8	5.4	9.3	11.6	17.2	31.1	40.0	68.3	97.7	141.1
1990	7.4	4.7	9.3	13.4	18.2	24.6	42.1	64.3	84.2	142.0
1989	7.0	4.1	6.3	10.7	19.2	24.7	40.8	57.8	85.4	132.7
1988	7.5	3.8	10.4	14.6	25.1	26.8	41.8	57.1	82.6	141.6
1987	6.5	4.7	6.2	8.5	15.6	25.0	43.7	46.4	88.9	130.6
1986	6.6	3.7	7.5	11.2	15.9	27.1	39.6	53.7	85.5	124.6
1985	6.6	5.3	7.7	11.3	19.6	24.5	36.0	53.8	83.5	124.1
1984	6.5	3.6	6.8	11.9	18.6	24.1	41.7	63.9	83.6	100.0
1983	5.9	5.4	6.0	11.8	16.8	21.8	37.5	50.2	74.5	103.2
1982	5.8	4.5	7.5	11.5	16.0	21.6	38.6	49.0	87.0	90.7
1981	6.3	5.5	9.1	12.4	17.5	25.5	38.6	50.0	78.0	113.3
1980	6.4	5.4	10.0	11.2	19.3	31.6	35.8	59.6	66.3	96.2
1979	5.8	6.6	9.9	13.0	18.6	23.5	32.8	50.0	51.6	98.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cerebrovascular diseases (430-434,436-438)										
All races, both sexes										
1998	57.3	12.7	20.3	32.2	53.6	90.7	169.7	327.2	640.1	1,502.5
1997	58.5	13.3	20.8	33.3	55.9	93.8	177.3	332.4	644.3	1,564.8
1996	59.2	14.2	22.1	34.3	56.7	95.8	177.4	341.6	667.2	1,592.8
1995	59.2	13.9	21.8	35.2	57.1	96.6	180.6	343.3	675.9	1,607.2
1994	58.1	13.9	22.5	33.8	57.5	96.2	178.9	344.0	676.3	1,581.2
1993	57.6	14.0	21.9	35.0	56.8	95.6	181.2	347.8	671.3	1,587.7
1992	55.9	13.8	21.9	35.2	57.2	96.1	180.7	344.0	657.4	1,533.3
1991	56.6	14.5	22.8	35.4	56.8	100.9	186.0	350.6	675.1	1,567.7
1990	57.8	15.0	23.2	36.9	58.8	104.0	194.8	367.6	701.6	1,628.9
1989	58.8	14.4	23.7	37.6	61.3	106.4	198.2	378.5	727.5	1,666.8
1988	61.4	15.6	23.7	39.0	64.9	113.2	211.9	403.2	776.9	1,738.0
1987	61.7	15.1	25.9	39.2	66.4	111.8	218.9	409.7	793.7	1,754.0
1986	62.2	15.7	25.7	39.8	67.5	117.6	226.3	420.5	807.2	1,778.0
1985	64.2	16.2	26.5	41.5	68.4	121.4	235.8	446.0	851.3	1,858.5
1984	65.3	17.2	28.4	41.8	71.1	125.0	243.6	458.3	887.9	1,897.9
1983	66.4	18.4	27.2	42.9	73.9	130.3	248.8	482.0	923.1	1,944.2
1982	67.9	18.3	28.7	44.7	74.6	137.2	264.0	503.7	961.8	1,995.3
1981	71.1	19.1	30.1	46.9	80.6	144.7	284.2	525.3	1,029.1	2,129.1
1980	75.0	19.6	30.5	48.2	84.6	155.1	301.6	585.1	1,116.5	2,283.7
1979	75.3	20.4	32.1	50.6	88.5	157.9	317.7	588.1	1,128.4	2,260.4
Cerebrovascular diseases (430-434,436-438)										
All races, male										
1998	45.1	14.5	22.2	36.7	62.8	102.5	191.4	361.6	676.6	1,389.3
1997	46.8	15.1	23.5	38.6	64.7	108.7	201.4	369.2	695.2	1,512.1
1996	47.3	15.9	24.7	39.6	65.7	110.4	203.7	384.9	720.3	1,522.1
1995	47.2	15.9	24.0	40.3	66.6	110.7	206.5	385.5	739.7	1,522.1
1994	46.7	16.0	24.9	39.0	66.3	113.3	204.5	395.4	745.0	1,506.9
1993	46.4	15.4	24.4	39.6	65.5	113.7	208.7	398.4	738.8	1,528.2
1992	45.1	15.3	24.2	39.6	66.5	112.2	208.0	391.0	719.4	1,484.3
1991	45.8	15.9	25.6	40.4	64.6	120.3	217.5	404.3	749.0	1,482.7
1990	46.7	16.1	25.8	42.2	66.5	121.7	226.1	425.8	771.9	1,528.5
1989	47.6	15.6	25.7	42.1	72.0	124.0	230.5	440.0	786.5	1,570.0
1988	50.1	17.0	26.0	44.7	76.5	131.1	249.1	466.3	848.2	1,649.6
1987	49.9	15.8	28.7	44.9	76.6	128.7	255.3	470.3	868.6	1,635.1
1986	50.5	16.5	27.6	44.6	77.4	134.8	261.5	480.5	897.0	1,665.2
1985	52.4	17.5	29.3	48.0	79.6	141.8	279.3	516.9	920.3	1,723.8
1984	53.7	18.7	30.8	47.9	81.5	148.5	286.5	519.0	967.9	1,808.6
1983	55.2	19.6	29.3	49.1	84.9	152.5	297.0	561.1	1,007.3	1,857.0
1982	56.6	19.5	31.0	51.5	84.7	163.2	314.8	580.0	1,027.1	1,917.7
1981	59.4	19.9	32.6	52.7	92.8	172.7	335.5	610.9	1,101.0	2,027.4
1980	63.4	19.4	34.7	54.0	98.8	184.3	360.4	674.8	1,213.4	2,193.6
1979	64.4	21.1	35.4	57.7	105.2	188.5	377.7	675.1	1,228.4	2,184.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cerebrovascular diseases (430-434,436-438)										
All races, female										
1998	69.0	11.0	18.4	28.1	45.2	80.6	153.0	303.3	619.1	1,547.5
1997	69.7	11.5	18.2	28.4	48.0	81.3	158.8	307.1	615.2	1,585.5
1996	70.6	12.6	19.7	29.4	48.6	83.5	157.2	312.0	637.3	1,620.2
1995	70.7	11.9	19.7	30.4	48.6	84.9	160.8	314.8	640.5	1,640.0
1994	69.0	11.9	20.2	29.0	49.8	82.1	159.3	309.6	638.7	1,609.6
1993	68.3	12.6	19.5	30.8	49.1	80.7	160.4	314.2	634.7	1,610.4
1992	66.2	12.2	19.8	31.2	48.9	82.9	160.0	313.1	624.1	1,552.0
1991	66.8	13.2	20.1	30.9	50.0	85.1	162.4	315.5	635.8	1,600.3
1990	68.4	14.0	20.7	32.0	52.0	89.6	171.6	330.1	664.3	1,667.6
1989	69.6	13.1	21.8	33.4	52.1	92.1	174.3	339.0	696.6	1,704.4
1988	72.2	14.2	21.5	33.7	54.9	98.6	184.5	363.0	739.1	1,772.4
1987	72.8	14.5	23.4	34.0	57.7	98.1	192.3	371.3	754.3	1,800.9
1986	73.2	14.9	24.0	35.5	59.0	103.5	200.8	382.6	760.1	1,822.8
1985	75.3	15.0	24.0	35.6	58.7	104.9	204.2	401.4	815.1	1,912.3
1984	76.2	15.7	26.2	36.3	62.1	106.0	212.5	420.1	845.8	1,934.0
1983	77.0	17.3	25.3	37.3	64.4	112.4	214.0	432.3	878.8	1,979.9
1982	78.7	17.2	26.6	38.7	65.7	116.3	227.2	455.9	927.8	2,027.6
1981	82.2	18.4	27.9	41.8	70.1	122.4	247.2	471.5	990.9	2,171.1
1980	85.9	19.7	26.6	43.1	72.4	131.9	259.1	528.8	1,065.0	2,323.1
1979	85.7	19.8	29.0	44.3	74.1	133.5	274.4	533.5	1,074.8	2,294.4
Cerebrovascular diseases (430-434,436-438)										
White, both sexes										
1998	60.2	9.4	16.1	26.7	45.9	81.0	159.2	316.4	632.2	1,522.2
1997	61.4	9.9	16.5	27.0	47.3	84.9	165.5	322.6	639.2	1,587.4
1996	62.0	10.7	17.8	28.4	48.4	85.3	164.8	330.7	658.9	1,614.0
1995	61.8	10.7	17.3	28.6	49.5	86.2	168.5	331.1	666.6	1,623.4
1994	60.5	10.6	17.4	27.9	49.7	86.3	166.0	332.4	665.6	1,602.2
1993	60.0	10.6	17.4	28.7	48.8	85.5	169.1	334.8	664.0	1,607.6
1992	58.0	10.5	17.7	28.6	49.1	86.0	167.9	332.2	649.8	1,553.2
1991	58.3	10.9	17.9	28.8	48.3	89.9	173.2	337.8	664.0	1,581.4
1990	59.5	11.1	18.4	30.4	50.3	92.7	181.8	355.1	692.1	1,647.3
1989	60.3	10.8	18.1	31.1	51.8	94.7	184.4	362.1	718.3	1,685.7
1988	62.9	12.0	18.6	31.9	55.3	100.5	197.4	388.5	765.5	1,760.1
1987	63.3	11.4	20.5	32.3	57.0	100.7	204.1	395.0	787.6	1,779.9
1986	63.7	12.4	20.1	33.3	58.3	105.9	211.5	405.5	799.4	1,805.7
1985	65.7	12.3	21.4	34.9	58.9	110.0	219.0	431.9	837.8	1,887.6
1984	66.8	13.4	23.1	34.8	61.7	112.1	225.9	445.0	874.0	1,939.2
1983	67.8	14.0	21.9	35.9	63.4	117.7	230.7	470.0	913.8	1,977.2
1982	69.4	14.2	23.3	37.5	64.1	124.0	247.9	488.5	952.1	2,033.6
1981	72.5	15.0	24.0	39.0	70.9	131.1	265.4	512.0	1,018.3	2,163.0
1980	76.2	15.1	24.8	40.5	73.5	139.1	282.0	566.9	1,108.2	2,323.0
1979	76.5	15.9	26.0	42.4	77.8	142.5	297.0	571.5	1,130.5	2,298.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cerebrovascular diseases (430-434,436-438)										
White, male										
1998	46.3	10.8	17.5	29.9	52.6	91.5	179.3	349.2	666.8	1,399.4
1997	48.0	11.2	18.3	30.6	54.8	97.9	187.9	357.3	689.8	1,531.6
1996	48.4	11.7	19.4	31.9	55.5	98.6	188.6	372.3	715.3	1,537.1
1995	48.0	12.0	18.0	31.9	57.9	98.8	192.3	370.9	725.9	1,536.0
1994	47.5	11.9	19.1	31.6	57.1	102.3	189.3	382.5	729.8	1,525.4
1993	47.2	11.5	19.0	31.9	56.2	102.3	195.7	382.9	731.4	1,548.2
1992	45.7	11.8	19.5	31.5	56.7	100.2	193.4	377.1	713.5	1,505.5
1991	46.0	11.3	19.8	32.8	55.0	107.5	202.6	390.3	733.6	1,488.6
1990	46.9	11.6	20.1	34.6	56.8	108.5	211.3	412.0	762.7	1,545.4
1989	47.7	11.3	19.3	34.9	60.8	111.0	215.6	424.1	783.2	1,586.9
1988	50.2	12.5	20.5	36.4	65.4	117.5	233.0	451.1	835.9	1,679.1
1987	50.1	11.5	22.7	36.5	66.0	116.1	239.3	454.2	861.5	1,661.7
1986	50.5	12.7	20.9	36.6	67.4	121.0	245.4	463.5	889.0	1,695.3
1985	52.5	12.9	23.5	40.8	68.8	128.6	261.5	502.0	913.3	1,758.7
1984	53.8	14.4	24.6	39.2	70.8	134.5	268.1	509.4	957.1	1,854.7
1983	55.3	14.7	23.6	41.4	73.1	138.9	277.5	550.4	1,005.2	1,894.1
1982	56.5	14.7	25.2	43.0	73.0	148.4	295.9	564.4	1,019.8	1,959.4
1981	59.3	14.9	25.7	43.6	81.5	157.4	316.7	597.9	1,091.0	2,061.1
1980	63.1	14.7	28.4	45.4	85.8	166.9	339.2	656.3	1,204.3	2,230.8
1979	64.0	16.1	28.0	47.3	92.4	171.3	357.7	661.0	1,233.8	2,219.8
Cerebrovascular diseases (430-434,436-438)										
White, female										
1998	73.7	8.0	14.6	23.6	39.7	71.9	143.4	293.4	612.0	1,570.8
1997	74.4	8.5	14.8	23.6	40.5	73.7	148.0	298.6	610.1	1,609.2
1996	75.2	9.8	16.3	25.0	41.9	73.8	146.3	302.0	627.0	1,643.6
1995	75.1	9.5	16.6	25.4	41.8	75.5	150.1	304.0	633.6	1,656.7
1994	73.1	9.3	15.8	24.4	43.1	73.0	147.9	298.6	630.5	1,631.2
1993	72.3	9.7	15.9	25.8	42.1	71.5	148.5	302.5	627.5	1,630.0
1992	69.8	9.3	16.1	25.9	42.3	74.4	148.4	302.4	615.6	1,571.1
1991	70.1	10.6	16.1	25.2	42.3	75.4	150.9	303.4	627.0	1,616.5
1990	71.6	10.6	16.9	26.5	44.6	79.8	159.6	318.4	654.8	1,685.9
1989	72.4	10.2	17.0	27.5	43.8	81.3	161.2	322.1	684.2	1,724.3
1988	75.1	11.6	16.9	27.6	46.5	86.5	171.1	348.7	728.7	1,791.1
1987	76.0	11.3	18.3	28.5	49.1	88.0	178.2	357.4	749.1	1,825.7
1986	76.3	12.1	19.3	30.2	50.4	93.5	186.7	368.9	752.9	1,848.7
1985	78.2	11.7	19.4	29.5	50.3	94.8	188.1	388.0	798.5	1,938.0
1984	79.2	12.5	21.7	30.8	53.7	94.0	195.3	404.8	830.8	1,972.6
1983	79.7	13.4	20.3	30.9	54.9	100.6	196.7	419.9	866.0	2,010.7
1982	81.6	13.8	21.6	32.6	56.4	104.3	213.2	441.3	916.6	2,064.0
1981	85.0	15.1	22.3	34.9	61.5	109.9	228.4	458.5	980.1	2,205.7
1980	88.6	15.6	21.5	36.1	62.8	116.8	240.7	511.3	1,057.8	2,362.7
1979	88.3	15.7	24.1	37.9	65.1	119.5	253.5	516.4	1,075.8	2,331.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cerebrovascular diseases (430-434,436-438)										
All other, both sexes										
1998	43.8	29.8	44.6	66.1	101.2	156.5	254.9	423.6	720.2	1,309.7
1997	44.6	31.1	46.2	71.1	109.9	156.5	274.8	421.3	695.0	1,341.1
1996	46.0	33.4	47.6	70.1	109.6	171.9	284.3	441.9	750.9	1,382.2
1995	46.8	31.6	49.0	75.7	106.8	173.5	286.0	457.0	769.5	1,444.6
1994	46.4	33.2	53.2	70.8	109.7	171.1	292.0	454.0	783.4	1,367.3
1993	45.9	34.2	49.1	74.8	112.0	174.1	288.5	472.5	745.8	1,383.6
1992	45.5	33.6	47.3	77.6	114.6	175.5	294.8	456.7	736.7	1,328.3
1991	47.7	36.1	52.8	78.5	119.5	190.4	301.9	472.7	790.8	1,423.4
1990	48.8	39.3	52.8	80.3	122.3	197.6	313.8	485.0	800.8	1,434.0
1989	50.9	36.5	58.6	81.8	134.8	205.2	324.6	533.6	824.3	1,466.8
1988	53.2	37.7	56.3	88.9	140.1	221.1	344.6	542.3	898.1	1,502.8
1987	52.7	38.1	61.3	89.1	142.0	208.2	354.8	549.4	858.8	1,475.0
1986	53.5	36.0	63.0	88.6	142.6	219.0	362.5	563.6	890.6	1,477.1
1985	55.7	40.7	61.3	91.4	148.1	221.9	390.6	581.2	998.6	1,539.9
1984	56.7	41.1	64.9	96.1	151.2	237.5	407.1	586.2	1,040.7	1,445.6
1983	58.1	46.7	64.9	98.4	164.9	240.9	417.2	597.4	1,027.9	1,576.9
1982	59.6	45.2	68.1	102.7	166.8	253.3	414.8	651.3	1,072.2	1,567.0
1981	63.1	47.0	76.4	112.0	168.0	264.9	462.2	654.9	1,153.9	1,743.7
1980	67.6	50.5	74.2	114.2	184.9	297.5	488.9	764.4	1,214.2	1,832.7
1979	68.3	52.7	80.7	121.0	188.1	294.0	520.3	750.5	1,104.0	1,821.3
Cerebrovascular diseases (430-434,436-438)										
All other, male										
1998	39.8	34.9	51.4	80.9	130.4	183.8	297.4	478.5	780.5	1,294.9
1997	40.9	36.9	56.9	89.7	131.7	190.5	321.5	483.3	752.7	1,330.2
1996	42.1	40.7	58.0	89.1	136.0	202.5	341.7	506.8	772.8	1,383.1
1995	43.3	39.6	62.5	95.7	128.1	204.6	339.4	528.7	883.1	1,393.5
1994	43.0	41.5	62.1	88.6	132.9	202.8	346.9	524.8	900.2	1,333.9
1993	42.2	40.5	59.9	91.7	134.9	208.3	330.2	554.5	814.0	1,342.8
1992	42.1	39.0	54.3	95.5	142.5	213.1	346.5	529.7	779.4	1,287.6
1991	44.9	45.6	63.4	94.4	141.7	230.3	360.9	543.0	904.0	1,426.9
1990	45.3	46.1	64.0	97.3	146.2	237.8	368.1	559.3	863.8	1,371.0
1989	46.7	44.1	68.5	94.7	165.1	240.0	374.4	592.8	819.8	1,413.6
1988	49.5	47.1	64.0	107.6	169.8	253.2	403.9	611.0	970.1	1,377.2
1987	49.3	44.1	70.2	111.1	167.0	244.2	408.8	621.9	939.3	1,385.7
1986	50.3	41.5	75.0	108.3	165.3	261.9	414.1	640.5	977.8	1,382.7
1985	51.5	47.9	71.3	106.7	176.0	263.3	448.7	655.8	991.3	1,394.5
1984	53.0	48.2	76.9	119.3	177.8	276.7	461.5	608.4	1,078.2	1,376.4
1983	54.2	54.0	73.0	113.9	192.8	277.7	480.9	659.4	1,028.9	1,500.0
1982	57.0	53.1	76.9	123.3	194.1	299.2	492.0	724.6	1,103.2	1,513.4
1981	60.3	56.5	88.7	130.9	198.5	311.8	511.3	731.7	1,205.5	1,692.2
1980	65.5	55.6	87.3	130.5	221.2	342.7	558.4	847.3	1,310.3	1,813.7
1979	67.0	59.7	99.0	149.9	229.1	343.7	567.0	801.1	1,170.9	1,810.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cerebrovascular diseases (430-434,436-438)										
All other, female										
1998	47.5	25.4	38.7	53.7	77.7	136.0	226.0	388.6	688.2	1,315.9
1997	48.0	26.1	37.1	55.6	92.5	131.2	242.9	382.1	664.5	1,345.7
1996	49.6	27.3	38.6	54.3	88.7	149.1	245.0	401.1	739.2	1,381.8
1995	50.0	24.8	37.5	59.0	90.0	150.3	249.5	412.2	709.0	1,466.3
1994	49.5	26.1	45.6	56.2	91.5	147.6	254.4	410.3	720.7	1,381.6
1993	49.4	28.9	39.9	60.9	94.2	148.8	259.6	422.2	708.7	1,401.1
1992	48.6	29.0	41.4	63.0	93.1	147.6	259.3	411.9	713.2	1,346.0
1991	50.3	27.9	43.8	65.6	102.6	160.9	261.6	429.2	728.3	1,421.8
1990	52.0	33.5	43.2	66.6	104.1	167.9	276.9	438.8	765.3	1,462.6
1989	54.8	30.0	50.3	71.4	111.7	179.0	290.5	496.6	830.7	1,483.0
1988	56.6	29.7	49.7	73.9	117.1	197.1	304.2	497.4	852.5	1,561.5
1987	55.8	32.9	53.9	71.4	122.7	181.5	317.8	503.0	812.8	1,517.2
1986	56.4	31.3	53.0	72.7	125.3	187.0	327.1	515.4	840.7	1,522.4
1985	59.5	34.5	53.2	79.0	126.2	190.5	349.7	532.2	1,002.8	1,610.7
1984	60.0	35.0	55.0	77.2	130.6	208.0	369.2	571.4	1,018.6	1,480.0
1983	61.7	40.5	58.3	85.9	142.9	213.2	373.2	555.8	1,027.3	1,615.1
1982	62.0	38.5	61.1	85.8	145.1	218.9	358.1	602.1	1,060.5	1,594.0
1981	65.6	38.9	66.7	96.4	143.4	229.4	425.1	602.9	1,122.7	1,755.9
1980	69.6	46.3	63.6	100.7	155.7	262.9	437.0	708.0	1,155.2	1,842.5
1979	69.4	47.0	65.8	97.0	154.9	255.7	483.3	708.5	1,062.3	1,843.0
Cerebrovascular diseases (430-434,436-438)										
Black, both sexes										
1998	51.1	37.4	56.7	79.6	120.1	176.7	287.3	460.4	758.5	1,352.5
1997	51.7	39.8	56.8	84.9	129.2	179.6	311.8	447.1	717.4	1,374.7
1996	53.6	41.3	57.9	85.4	129.0	196.2	321.8	472.9	805.1	1,396.3
1995	54.7	39.5	59.4	90.6	122.9	197.7	325.2	490.2	811.3	1,488.1
1994	54.1	42.2	64.8	84.5	129.3	193.3	326.1	487.2	820.9	1,392.9
1993	53.7	42.9	59.3	89.6	129.1	193.7	326.3	510.1	785.7	1,411.7
1992	53.2	41.8	56.4	90.5	131.1	197.3	328.1	492.2	783.6	1,351.7
1991	55.4	43.9	63.3	92.6	136.3	213.1	331.6	500.7	834.1	1,438.1
1990	57.0	48.8	62.8	93.8	140.7	222.9	342.1	522.8	837.7	1,473.3
1989	59.6	44.7	68.8	93.0	156.3	231.5	363.1	580.6	868.4	1,497.7
1988	62.1	45.4	66.1	105.1	160.1	248.9	382.7	584.8	947.1	1,543.5
1987	61.0	46.1	70.7	101.9	163.0	233.5	384.8	587.5	905.7	1,522.1
1986	62.0	43.8	72.5	101.7	162.5	243.6	395.8	607.5	949.4	1,531.3
1985	64.1	49.2	72.0	105.2	166.7	247.2	423.6	626.2	1,044.5	1,581.5
1984	65.0	49.2	74.3	108.2	170.9	262.3	450.5	626.3	1,108.1	1,489.5
1983	66.5	54.7	74.6	111.7	186.1	263.3	456.4	644.2	1,093.8	1,627.7
1982	67.9	52.4	78.1	116.4	187.2	277.8	452.2	694.7	1,143.1	1,621.0
1981	71.5	54.0	86.8	123.6	188.6	287.3	506.0	701.7	1,240.7	1,803.6
1980	75.5	57.8	84.2	126.5	202.7	322.6	526.7	816.9	1,281.8	1,885.5
1979	75.3	58.9	89.9	133.3	205.0	313.5	561.7	784.1	1,143.3	1,867.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cerebrovascular diseases (430-434,436-438)										
Black, male										
1998	45.8	44.3	65.4	97.6	157.2	209.0	339.5	523.3	849.4	1,325.1
1997	46.8	47.9	71.1	109.6	157.2	217.6	371.9	517.3	778.2	1,345.7
1996	48.8	50.5	74.0	110.2	161.7	234.0	389.8	548.9	869.6	1,387.4
1995	49.8	50.2	78.6	115.4	148.9	233.7	385.5	569.3	950.4	1,410.1
1994	49.6	53.3	76.3	108.8	157.3	228.9	392.5	567.7	951.1	1,338.0
1993	49.1	51.9	74.9	113.9	154.6	234.9	377.6	600.6	869.5	1,379.6
1992	48.9	50.4	66.1	114.3	163.8	240.3	393.3	572.0	841.3	1,305.9
1991	51.8	56.7	78.6	112.9	162.7	259.9	401.3	591.3	961.8	1,414.8
1990	53.0	59.2	79.6	117.8	167.9	271.5	406.0	613.9	917.1	1,421.5
1989	54.2	55.2	82.6	110.2	193.8	272.0	424.2	652.2	848.5	1,450.0
1988	57.6	58.7	77.8	127.3	197.1	287.2	455.2	673.4	1,034.0	1,400.0
1987	56.6	55.2	83.6	127.0	188.5	272.0	447.8	670.9	988.0	1,439.1
1986	58.0	52.2	87.8	124.5	188.7	291.8	458.5	691.9	1,033.3	1,434.9
1985	59.2	58.6	85.2	123.6	202.7	294.1	498.4	711.8	1,011.5	1,427.4
1984	60.6	59.1	88.9	134.5	204.2	309.8	515.1	646.7	1,159.5	1,439.3
1983	61.7	65.6	84.1	129.8	216.1	301.8	529.5	717.6	1,093.9	1,546.7
1982	64.7	62.9	88.5	138.1	217.1	332.0	548.3	768.9	1,158.8	1,575.9
1981	68.2	66.2	100.4	145.6	225.8	339.6	564.0	789.9	1,307.8	1,748.2
1980	73.0	65.1	99.5	145.1	243.8	375.5	609.4	907.5	1,390.1	1,873.2
1979	73.7	67.2	111.4	166.6	251.1	368.6	622.1	849.1	1,198.7	1,840.4
Cerebrovascular diseases (430-434,436-438)										
Black, female										
1998	55.9	31.5	49.4	65.1	91.1	152.9	252.9	422.2	714.3	1,362.8
1997	56.1	32.9	44.8	64.9	107.4	151.4	272.2	404.9	688.0	1,385.8
1996	58.0	33.5	44.5	65.4	103.6	168.2	277.2	427.3	773.7	1,399.8
1995	59.1	30.4	43.5	70.7	102.7	170.9	285.7	443.0	743.6	1,518.4
1994	58.2	32.8	55.2	65.0	107.6	166.9	282.5	440.0	756.7	1,414.3
1993	57.9	35.3	46.3	70.2	109.5	163.5	292.4	457.6	743.7	1,424.4
1992	57.1	34.6	48.4	71.5	106.1	165.8	285.1	446.1	754.4	1,370.1
1991	58.7	33.1	50.7	76.5	116.3	179.1	285.6	447.9	769.2	1,447.6
1990	60.7	40.1	49.0	74.7	120.1	187.8	300.2	469.4	796.6	1,495.2
1989	64.4	35.8	57.4	79.3	127.9	202.2	323.8	538.2	878.9	1,528.1
1988	66.2	34.2	56.5	87.5	132.0	221.0	333.9	531.8	901.1	1,606.0
1987	64.9	38.6	60.1	81.9	143.6	205.5	342.3	537.0	861.4	1,559.0
1986	65.6	36.8	59.9	83.3	142.7	208.3	353.5	555.9	903.6	1,575.4
1985	68.5	41.5	61.2	90.3	138.9	212.8	374.2	572.9	1,062.7	1,653.4
1984	69.0	41.0	62.3	86.7	145.2	227.4	407.4	613.5	1,079.6	1,513.2
1983	70.8	45.7	66.9	96.9	163.1	234.9	408.1	595.0	1,093.8	1,666.9
1982	70.8	43.8	69.7	98.8	163.7	237.7	386.1	649.8	1,134.1	1,643.2
1981	74.4	43.8	75.7	105.7	159.4	249.2	465.5	644.7	1,201.5	1,815.0
1980	77.8	51.9	71.8	111.3	170.2	283.2	467.8	758.0	1,216.9	1,891.6
1979	76.8	52.1	72.2	105.9	168.4	272.3	518.2	736.4	1,108.9	1,880.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerosis (440)										
All races, both sexes										
1998	5.5	0.3	0.7	1.6	3.5	6.2	12.3	24.6	54.8	208.3
1997	5.9	0.4	0.9	1.6	3.2	6.7	12.9	27.2	59.6	223.5
1996	6.2	0.4	0.9	1.5	3.9	6.3	14.2	29.1	62.8	239.6
1995	6.3	0.4	0.9	1.9	3.8	6.8	13.8	30.1	66.7	242.9
1994	6.5	0.3	0.7	2.0	3.5	7.4	14.6	29.8	68.5	262.2
1993	6.6	0.3	0.9	1.7	3.8	7.2	14.8	31.5	70.5	272.8
1992	6.6	0.4	0.9	1.8	4.0	7.5	15.2	31.2	70.0	273.1
1991	6.9	0.5	0.8	2.0	4.1	7.7	16.4	34.7	75.0	289.2
1990	7.3	0.4	1.0	1.8	4.6	8.3	17.4	35.3	81.2	318.0
1989	7.8	0.4	1.0	2.2	4.6	8.9	18.6	39.1	89.1	347.2
1988	9.0	0.4	1.2	2.3	5.0	10.2	21.8	45.2	108.3	404.7
1987	9.3	0.4	1.1	2.7	5.4	11.1	23.4	48.3	112.8	412.8
1986	9.5	0.5	1.2	2.4	5.7	10.3	23.5	49.2	114.9	438.0
1985	10.1	0.4	1.2	2.8	5.3	11.5	24.2	53.3	128.1	472.8
1984	10.4	0.4	1.0	2.5	5.8	11.4	25.1	57.7	137.3	493.8
1983	11.3	0.6	1.6	2.8	6.3	12.2	28.6	62.7	156.3	541.1
1982	11.6	0.7	1.3	2.9	6.3	13.8	29.3	66.7	163.7	563.0
1981	12.2	0.5	1.4	2.8	6.4	14.1	30.7	72.5	177.9	610.7
1980	13.0	0.7	1.6	3.0	6.8	15.0	34.8	80.1	199.5	656.5
1979	12.8	0.6	1.2	3.0	6.9	15.6	35.9	79.5	200.7	649.1
Atherosclerosis (440)										
All races, male										
1998	4.2	0.4	1.0	2.2	4.7	8.0	16.1	29.7	62.3	196.3
1997	4.5	0.6	1.2	2.5	4.0	9.3	16.1	32.5	69.5	212.0
1996	4.8	0.6	1.4	2.0	5.6	8.2	17.2	35.2	75.5	229.9
1995	4.9	0.6	1.3	2.5	4.9	9.1	18.1	38.5	76.7	241.2
1994	5.0	0.4	1.0	2.5	4.8	9.7	17.5	36.6	82.6	258.5
1993	5.0	0.3	1.4	2.2	5.2	9.3	19.0	39.8	80.0	265.0
1992	5.1	0.6	1.2	2.4	5.0	9.5	19.6	39.3	82.6	269.3
1991	5.4	0.8	1.0	2.4	5.9	10.3	20.8	45.5	88.9	282.7
1990	5.7	0.5	1.4	2.5	6.3	10.8	22.8	45.5	94.1	315.5
1989	6.0	0.6	1.2	3.0	6.2	12.0	23.5	46.3	109.9	335.1
1988	7.0	0.5	1.6	3.1	6.9	13.1	29.4	56.1	128.2	392.3
1987	7.1	0.7	1.5	3.5	7.3	14.8	31.1	60.0	127.8	392.9
1986	7.3	0.8	1.7	3.4	8.0	14.0	31.2	61.3	135.2	419.4
1985	7.8	0.6	1.8	4.3	7.3	15.5	32.9	65.0	145.7	463.9
1984	8.1	0.7	1.3	3.2	7.4	15.2	32.3	71.2	162.5	482.5
1983	8.8	0.9	2.2	4.0	8.1	16.1	36.7	79.4	178.7	529.5
1982	9.4	1.0	1.8	3.9	8.4	19.0	38.8	85.8	190.2	573.5
1981	9.8	0.6	1.9	3.9	8.7	18.6	40.6	91.2	207.0	614.8
1980	10.5	1.0	2.3	4.1	9.4	20.8	45.7	94.5	230.1	661.5
1979	10.5	0.9	1.8	4.0	9.1	20.0	47.2	97.2	230.5	656.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerosis (440)										
All races, female										
1998	6.8	0.2	0.4	1.0	2.4	4.6	9.3	21.2	50.5	213.0
1997	7.2	*	0.6	0.8	2.5	4.6	10.5	23.5	53.9	228.1
1996	7.6	*	0.5	1.1	2.4	4.6	12.0	25.0	55.7	243.3
1995	7.6	0.2	0.5	1.3	2.8	4.9	10.6	24.5	61.2	243.6
1994	8.0	*	0.5	1.4	2.3	5.4	12.5	25.3	60.8	263.6
1993	8.2	0.3	0.6	1.2	2.6	5.5	11.6	25.9	65.4	275.7
1992	8.0	*	0.5	1.3	3.2	5.8	11.8	25.9	63.3	274.5
1991	8.3	*	0.5	1.5	2.6	5.6	13.0	27.7	67.6	291.7
1990	8.8	0.3	0.5	1.1	3.1	6.2	13.4	28.8	74.4	318.9
1989	9.6	*	0.8	1.5	3.2	6.3	14.9	34.4	78.2	351.8
1988	11.0	*	0.7	1.6	3.4	7.8	16.1	38.2	97.7	409.6
1987	11.3	*	0.8	1.8	3.7	8.0	17.7	40.8	104.9	420.6
1986	11.5	*	0.8	1.5	3.7	7.3	17.8	41.6	104.2	445.3
1985	12.2	*	0.7	1.6	3.5	8.3	17.9	45.9	118.9	476.3
1984	12.6	*	0.7	1.8	4.5	8.4	19.8	49.3	124.1	498.4
1983	13.6	*	1.0	1.8	4.7	9.0	22.7	52.3	144.4	545.9
1982	13.6	0.4	0.8	1.9	4.4	9.6	22.4	54.8	149.7	558.6
1981	14.4	0.4	0.9	1.9	4.4	10.4	23.5	60.8	162.5	608.6
1980	15.3	0.4	1.1	2.0	4.6	10.3	26.9	71.1	183.2	654.3
1979	15.1	*	0.7	2.0	4.9	12.2	27.8	68.4	184.7	645.7
Atherosclerosis (440)										
White, both sexes										
1998	6.2	0.3	0.6	1.5	3.4	6.1	12.3	24.9	55.8	215.0
1997	6.6	0.4	0.7	1.5	3.2	6.6	12.6	27.5	60.7	231.1
1996	6.9	0.4	0.9	1.4	3.6	6.2	14.2	29.4	63.9	247.2
1995	7.0	0.4	0.9	1.7	3.7	6.5	13.5	30.3	67.5	251.7
1994	7.2	0.2	0.7	1.7	3.3	7.1	14.4	29.6	69.2	269.9
1993	7.4	0.3	0.9	1.5	3.6	7.0	14.4	31.8	71.1	282.8
1992	7.2	0.3	0.8	1.7	3.9	7.2	14.9	31.5	70.4	282.4
1991	7.6	0.5	0.7	1.8	3.8	7.6	16.0	34.7	75.2	298.1
1990	7.9	0.4	0.9	1.6	4.3	8.0	17.0	35.3	81.3	326.8
1989	8.6	0.4	1.0	2.1	4.3	8.7	18.2	39.1	90.3	356.3
1988	9.8	0.3	1.0	2.2	4.6	9.8	21.5	44.0	108.8	417.5
1987	10.1	0.3	1.1	2.5	5.1	10.8	23.0	47.6	114.3	427.2
1986	10.3	0.4	1.1	2.2	5.4	9.9	22.7	48.7	115.5	452.1
1985	10.9	0.4	1.1	2.6	5.0	11.1	23.4	52.8	129.1	487.6
1984	11.3	0.4	0.9	2.3	5.6	10.9	24.3	58.3	138.8	511.2
1983	12.3	0.6	1.4	2.6	5.8	11.7	28.0	62.5	157.1	563.7
1982	12.5	0.6	1.2	2.8	6.0	13.3	28.8	66.5	164.8	581.0
1981	13.1	0.4	1.3	2.6	5.9	13.3	29.6	72.4	178.6	630.5
1980	13.9	0.6	1.4	2.7	6.3	14.2	33.8	79.1	201.3	673.4
1979	13.7	0.6	1.1	2.7	6.3	14.8	34.7	79.3	202.6	669.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerosis (440)										
White, male										
1998	4.7	0.4	0.9	2.1	4.7	7.9	15.8	30.1	62.7	203.4
1997	5.0	0.6	1.0	2.4	4.0	9.4	15.7	32.6	71.1	220.8
1996	5.3	0.6	1.4	1.8	5.3	8.4	17.1	35.8	76.4	237.6
1995	5.4	0.6	1.3	2.4	4.8	8.9	17.7	39.0	77.4	249.4
1994	5.4	0.4	1.0	2.3	4.6	9.6	17.3	36.5	83.3	267.8
1993	5.5	0.3	1.3	2.0	4.9	9.1	18.6	40.6	81.2	275.6
1992	5.5	0.5	1.1	2.2	4.7	9.3	19.1	39.7	83.0	279.3
1991	5.8	0.7	0.9	2.2	5.6	10.3	20.8	45.3	88.8	292.3
1990	6.1	0.4	1.4	2.4	6.2	10.5	22.5	45.4	95.4	323.1
1989	6.6	0.6	1.3	2.9	5.9	11.7	23.2	47.3	111.9	346.9
1988	7.5	0.5	1.4	3.0	6.6	12.6	29.4	54.9	128.6	404.0
1987	7.7	0.6	1.6	3.4	6.9	14.5	30.2	59.5	130.7	408.3
1986	7.8	0.7	1.6	3.0	7.6	13.6	30.5	60.8	135.7	433.4
1985	8.4	0.5	1.7	4.0	7.1	14.8	32.1	65.1	147.7	480.4
1984	8.6	0.7	1.3	3.0	7.2	14.5	31.4	71.8	164.0	503.3
1983	9.4	1.0	2.0	3.9	7.6	15.7	36.2	79.1	179.9	550.5
1982	10.0	0.9	1.6	4.0	8.2	18.4	38.1	85.6	192.8	595.7
1981	10.5	0.5	1.8	3.7	8.1	18.2	39.4	92.2	208.9	636.6
1980	11.1	0.8	1.9	3.8	8.7	20.0	45.1	94.3	233.9	676.9
1979	11.1	0.9	1.7	3.6	8.6	19.4	46.1	97.7	233.7	679.3
Atherosclerosis (440)										
White, female										
1998	7.7	*	0.4	1.0	2.2	4.6	9.5	21.3	51.8	219.6
1997	8.1	*	0.5	0.7	2.4	4.2	10.2	24.0	54.8	235.1
1996	8.5	*	0.4	0.9	2.1	4.4	11.8	25.0	56.8	250.9
1995	8.5	*	0.5	1.1	2.6	4.5	10.3	24.3	61.9	252.6
1994	8.8	*	*	1.2	2.1	5.1	12.1	24.9	61.5	270.8
1993	9.1	*	0.5	1.0	2.5	5.3	11.2	26.0	65.5	285.5
1992	8.9	*	0.5	1.2	3.1	5.5	11.7	26.1	63.6	283.6
1991	9.2	*	0.5	1.3	2.2	5.3	12.4	27.7	68.1	300.4
1990	9.7	*	0.5	0.9	2.7	5.9	13.0	28.8	73.9	328.2
1989	10.5	*	0.7	1.4	2.8	6.1	14.4	33.8	78.9	360.1
1988	12.1	*	0.7	1.5	2.9	7.4	15.7	37.0	98.5	422.7
1987	12.5	*	0.7	1.6	3.4	7.6	17.6	40.1	105.7	434.5
1986	12.6	*	0.6	1.4	3.4	6.8	16.9	41.0	105.0	459.4
1985	13.3	*	0.6	1.3	3.2	8.1	17.1	45.1	119.4	490.4
1984	13.8	*	0.6	1.7	4.2	8.0	19.1	49.8	125.7	514.3
1983	15.0	*	0.9	1.5	4.3	8.5	22.0	52.2	145.2	569.0
1982	14.9	*	0.7	1.7	4.1	9.2	22.1	54.6	150.2	575.0
1981	15.7	*	0.8	1.7	4.0	9.3	22.5	60.1	162.8	628.0
1980	16.6	0.4	0.9	1.7	4.2	9.5	25.7	69.7	184.2	671.9
1979	16.3	*	0.6	1.8	4.3	11.1	26.5	68.0	186.2	664.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerosis (440)										
All other, both sexes										
1998	2.5	*	0.9	2.0	3.8	6.5	12.1	22.1	45.3	142.3
1997	2.7	*	1.6	2.2	3.6	7.8	15.4	24.1	48.0	149.2
1996	2.9	*	1.2	2.7	5.7	6.4	15.0	26.6	52.0	163.8
1995	2.9	*	1.0	2.6	5.0	8.7	16.5	29.1	59.3	154.4
1994	3.2	*	1.2	3.5	4.5	8.9	17.1	32.3	61.1	183.1
1993	3.1	*	1.2	2.7	5.3	8.8	18.1	27.8	65.1	170.2
1992	3.1	*	1.3	2.7	5.3	9.5	17.3	28.4	66.5	176.5
1991	3.5	*	*	3.2	6.5	9.1	19.3	35.5	72.7	195.3
1990	3.7	*	*	2.8	6.3	10.7	20.4	35.4	80.2	224.6
1989	4.0	*	*	2.9	6.7	10.5	22.0	38.8	77.2	250.4
1988	4.8	*	2.0	2.7	8.1	13.6	24.2	56.1	102.5	269.4
1987	4.7	*	1.4	4.0	7.8	13.8	27.0	54.3	96.8	257.9
1986	5.0	*	1.9	4.2	8.5	14.3	30.5	54.8	108.4	284.0
1985	5.3	*	1.9	4.8	7.2	15.2	32.0	57.9	116.9	310.3
1984	5.2	*	*	3.6	7.8	16.1	32.3	52.8	121.2	303.7
1983	5.6	*	2.5	4.5	9.9	15.9	34.2	65.0	146.6	290.4
1982	6.0	1.4	2.1	3.7	8.6	17.7	34.4	68.9	151.2	361.5
1981	6.6	*	2.4	4.4	10.3	20.8	41.4	73.8	169.7	385.8
1980	7.5	*	3.7	5.3	11.4	21.6	44.4	90.0	177.6	462.1
1979	7.1	*	2.1	5.7	12.1	23.0	48.1	81.6	177.2	410.9
Atherosclerosis (440)										
All other, male										
1998	2.2	*	*	2.8	4.2	9.1	18.4	25.7	58.5	129.3
1997	2.2	*	2.4	3.1	3.9	8.6	19.1	31.6	52.1	129.7
1996	2.4	*	*	3.2	7.6	6.8	17.7	29.1	65.9	159.1
1995	2.6	*	*	*	6.1	10.6	21.8	33.2	69.5	165.5
1994	2.7	*	*	4.2	6.2	11.1	19.1	37.9	75.1	171.7
1993	2.7	*	*	3.3	7.7	11.5	22.7	31.7	67.5	166.8
1992	2.8	*	*	3.5	7.1	11.3	23.9	35.4	77.7	176.6
1991	3.1	*	*	3.9	8.2	10.0	20.3	47.5	90.7	192.6
1990	3.3	*	*	3.5	6.9	12.8	25.7	45.6	81.7	244.5
1989	3.2	*	*	3.5	8.3	13.9	25.9	36.5	90.1	225.9
1988	4.4	*	3.7	*	9.6	17.6	29.9	67.6	124.8	284.8
1987	4.1	*	*	4.9	10.1	17.2	39.7	64.2	99.1	248.1
1986	4.7	*	*	6.6	11.8	18.1	37.8	65.7	130.6	288.0
1985	4.7	*	*	6.5	8.8	21.4	40.7	64.1	125.0	308.2
1984	4.7	*	*	4.6	9.2	22.0	40.9	65.3	147.5	287.5
1983	5.4	*	3.7	5.6	12.5	20.1	41.3	82.7	166.0	327.5
1982	5.6	*	*	3.7	10.1	24.1	45.7	88.0	163.8	358.2
1981	6.0	*	*	5.9	13.6	22.0	51.9	81.7	186.8	398.4
1980	7.0	*	5.3	6.9	16.3	27.2	52.0	96.6	189.1	503.6
1979	6.6	*	*	7.6	13.3	25.1	57.6	92.4	196.5	420.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerosis (440)										
All other, female										
1998	2.8	*	*	*	3.5	4.5	7.9	19.8	38.4	147.8
1997	3.2	*	*	*	3.3	7.1	12.9	19.3	45.8	157.4
1996	3.4	*	*	2.2	4.2	6.1	13.1	25.0	44.6	165.9
1995	3.3	*	*	2.7	4.1	7.3	12.9	26.5	53.9	149.6
1994	3.7	*	*	2.9	3.2	7.3	15.7	28.8	53.5	188.0
1993	3.5	*	*	*	3.4	6.8	14.9	25.5	63.9	171.7
1992	3.4	*	*	*	3.8	8.1	12.8	24.1	60.3	176.5
1991	3.9	*	*	2.7	5.1	8.4	18.6	28.0	62.8	196.5
1990	4.2	*	*	*	5.9	9.2	16.8	29.1	79.4	215.6
1989	4.7	*	*	*	5.6	8.0	19.3	40.3	70.3	260.2
1988	5.1	*	*	*	7.0	10.6	20.2	48.7	89.2	262.1
1987	5.1	*	*	3.3	6.0	11.3	18.3	47.9	95.4	262.6
1986	5.4	*	*	*	5.9	11.4	25.5	47.8	95.8	282.1
1985	5.8	*	*	3.5	6.0	10.6	26.0	53.8	112.2	311.3
1984	5.6	*	*	2.8	6.6	11.7	26.3	44.4	105.8	311.7
1983	5.8	*	*	3.7	7.8	12.8	29.2	53.1	135.2	271.9
1982	6.5	*	*	3.7	7.4	13.0	26.2	56.1	144.6	363.2
1981	7.2	*	*	3.2	7.6	19.9	33.6	68.4	159.3	376.4
1980	7.9	*	*	4.1	7.5	17.3	38.7	85.6	170.5	440.8
1979	7.6	*	*	4.1	11.1	21.4	40.8	73.3	165.2	409.6
Atherosclerosis (440)										
Black, both sexes										
1998	3.0	*	1.2	2.6	5.2	7.8	15.0	24.5	51.1	151.7
1997	3.3	*	1.9	2.9	4.1	9.2	19.0	28.4	54.3	161.8
1996	3.5	*	1.5	3.4	7.2	7.4	18.5	28.7	59.1	170.9
1995	3.5	*	*	3.4	5.9	10.0	19.3	32.1	66.9	165.1
1994	3.9	*	*	4.2	5.8	10.9	19.8	36.7	65.3	193.7
1993	3.8	*	1.5	3.4	6.2	10.2	21.4	33.0	72.6	178.2
1992	3.8	*	1.7	3.1	6.1	10.9	19.2	32.5	71.4	189.6
1991	4.2	*	*	4.2	7.5	10.5	22.6	40.4	76.5	205.6
1990	4.5	*	*	3.7	7.7	12.7	23.4	38.3	89.1	238.5
1989	4.8	*	*	3.4	8.1	11.4	24.6	44.1	85.5	265.0
1988	5.7	*	2.5	3.2	9.6	16.4	27.2	63.8	110.3	284.6
1987	5.5	*	1.8	5.0	9.2	15.8	31.0	58.6	105.3	272.1
1986	5.9	*	2.4	5.1	9.9	16.0	34.5	60.9	113.3	302.5
1985	6.2	*	2.2	5.7	8.5	17.1	36.9	65.5	127.3	320.0
1984	6.0	*	*	4.2	9.0	18.3	35.8	58.9	128.0	314.7
1983	6.5	*	3.1	5.2	11.4	18.0	38.0	72.3	159.5	302.2
1982	6.9	*	2.4	4.0	9.5	20.3	37.2	76.0	164.2	374.4
1981	7.6	*	2.9	5.1	11.7	23.4	45.1	80.6	186.1	402.4
1980	8.5	*	4.2	5.9	12.7	23.8	48.4	97.7	191.8	487.2
1979	7.8	*	2.4	6.4	13.5	24.9	50.0	87.1	181.1	421.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Atherosclerosis (440)										
Black, male										
1998	2.6	*	*	3.9	5.9	11.4	23.3	28.6	67.6	136.3
1997	2.7	*	2.8	4.0	4.5	10.3	23.4	38.2	62.0	146.4
1996	2.8	*	*	4.0	10.0	8.0	21.9	30.7	78.7	162.0
1995	3.0	*	*	*	7.4	11.7	25.8	39.1	79.4	177.2
1994	3.2	*	*	5.2	8.1	13.7	22.6	43.1	82.5	182.2
1993	3.2	*	*	4.3	8.8	13.2	27.3	37.5	79.1	171.6
1992	3.3	*	*	*	8.2	13.9	25.3	39.8	84.4	200.4
1991	3.7	*	*	5.2	10.1	12.1	24.4	55.2	94.7	210.2
1990	3.9	*	*	4.6	8.4	15.3	30.0	48.7	93.5	261.1
1989	3.8	*	*	4.5	10.3	15.4	29.0	42.1	103.1	247.0
1988	5.3	*	4.5	*	11.2	21.9	34.0	80.2	141.5	310.8
1987	4.9	*	*	6.2	12.0	19.6	46.6	70.9	107.6	265.6
1986	5.5	*	*	7.8	13.7	20.1	44.0	74.4	134.4	319.0
1985	5.6	*	*	7.6	10.2	24.2	48.4	75.3	137.9	325.8
1984	5.4	*	*	5.7	10.3	25.2	46.9	74.3	156.0	291.8
1983	6.2	*	4.6	6.5	14.4	22.4	46.3	93.9	181.7	350.0
1982	6.4	*	*	*	11.1	28.1	50.4	100.6	176.3	365.5
1981	6.9	*	*	6.8	15.6	25.2	57.3	90.5	203.9	414.3
1980	7.9	*	6.1	7.7	18.4	30.7	57.5	104.6	203.9	528.2
1979	7.1	*	*	8.5	15.1	27.2	59.3	100.6	196.1	428.8
Atherosclerosis (440)										
Black, female										
1998	3.5	*	*	*	4.6	5.2	9.6	22.0	43.0	157.4
1997	3.9	*	*	*	3.9	8.4	16.1	22.4	50.7	167.7
1996	4.1	*	*	*	5.0	6.9	16.3	27.5	49.5	174.3
1995	4.0	*	*	3.5	4.8	8.7	15.0	28.0	60.9	160.4
1994	4.5	*	*	3.4	3.9	8.8	17.9	32.9	56.9	198.2
1993	4.4	*	*	*	4.1	8.1	17.4	30.4	69.3	180.8
1992	4.2	*	*	*	4.5	8.7	15.2	28.4	64.7	185.2
1991	4.6	*	*	3.4	5.6	9.4	21.4	31.9	67.3	203.7
1990	5.1	*	*	*	7.2	10.8	19.0	32.1	86.9	229.0
1989	5.6	*	*	*	6.5	8.5	21.7	45.2	76.2	274.5
1988	6.1	*	*	*	8.4	12.4	22.6	54.1	93.8	273.2
1987	6.1	*	*	4.1	7.1	13.0	20.6	51.2	104.1	275.0
1986	6.3	*	*	*	7.0	13.0	28.2	52.7	101.8	294.9
1985	6.8	*	*	4.3	7.3	11.9	29.3	59.3	121.5	317.3
1984	6.5	*	*	*	8.0	13.1	28.3	49.2	112.5	325.6
1983	6.7	*	*	4.1	9.1	14.7	32.5	58.3	146.9	279.0
1982	7.4	*	*	4.1	8.3	14.6	28.1	60.6	157.2	378.8
1981	8.3	*	*	3.8	8.7	22.2	36.5	74.2	175.8	392.9
1980	9.0	*	*	4.4	8.2	18.6	41.8	93.2	184.6	466.8
1979	8.4	*	*	4.7	12.2	23.2	43.3	77.5	171.8	418.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of circulatory system (441-448)										
All races, both sexes										
1998	10.0	2.5	3.7	7.1	14.4	27.1	45.0	70.1	100.6	169.5
1997	10.2	2.2	3.8	7.6	15.3	27.6	47.9	71.5	103.1	168.3
1996	10.1	2.4	3.8	7.2	15.7	27.2	46.9	71.4	103.2	169.1
1995	10.0	2.3	3.9	8.0	15.2	29.0	47.9	70.1	99.2	164.2
1994	9.9	2.1	3.9	7.6	15.7	28.9	47.7	70.7	101.4	163.4
1993	10.0	2.4	3.9	8.2	15.5	30.1	48.4	71.8	103.6	161.3
1992	9.9	2.3	4.1	7.8	15.7	29.4	49.1	71.3	102.2	160.0
1991	9.9	2.4	4.1	8.3	16.1	31.4	49.2	71.0	100.9	162.0
1990	9.9	2.4	4.0	8.2	16.2	30.9	50.1	73.8	103.6	163.6
1989	9.8	2.1	4.5	8.5	16.8	30.6	51.4	74.1	99.3	159.1
1988	9.5	1.9	4.1	8.1	16.9	30.6	50.0	71.2	97.2	154.2
1987	9.4	2.2	4.1	7.4	17.4	30.4	50.9	72.1	95.4	151.9
1986	9.3	2.1	4.0	7.8	17.4	30.9	50.9	72.6	99.1	146.2
1985	9.2	2.2	4.1	8.6	17.2	31.3	51.2	71.0	95.6	147.0
1984	9.2	2.2	4.3	8.6	17.7	31.8	49.0	71.7	99.3	148.0
1983	9.0	1.9	4.4	8.8	17.3	30.5	48.6	72.3	96.7	143.7
1982	8.7	2.3	4.2	8.5	16.9	31.9	50.2	69.8	94.3	132.4
1981	8.7	2.2	4.2	8.9	17.3	31.6	51.1	68.4	93.8	141.2
1980	8.8	2.6	4.5	9.1	18.1	32.2	51.3	71.1	97.9	137.9
1979	8.7	2.4	4.7	9.0	18.5	32.0	50.9	71.1	96.9	133.2
Other diseases of circulatory system (441-448)										
All races, male										
1998	11.1	3.4	4.9	9.6	20.5	37.7	62.6	99.6	141.3	228.9
1997	11.3	2.8	5.2	10.3	21.5	38.7	68.7	99.1	145.9	231.5
1996	11.3	3.3	5.2	10.5	22.7	38.6	67.0	102.6	148.0	224.3
1995	11.4	3.0	5.3	11.0	22.2	43.1	69.9	101.8	142.3	225.2
1994	11.3	2.5	5.3	10.3	22.5	42.8	70.4	103.0	148.1	228.2
1993	11.8	3.1	5.2	11.6	23.4	46.2	71.7	110.5	159.8	226.9
1992	11.6	2.9	5.5	10.8	23.4	45.9	73.9	106.8	154.8	226.1
1991	11.8	3.1	5.5	12.1	24.7	48.3	75.9	109.1	154.6	230.0
1990	12.0	3.2	5.7	12.1	24.7	47.1	78.9	116.3	165.2	235.3
1989	12.0	2.8	6.1	12.2	26.2	48.1	79.4	115.8	160.8	229.2
1988	11.6	2.3	5.4	11.8	26.2	47.5	78.9	113.9	153.5	220.0
1987	11.7	2.9	5.7	10.8	27.0	47.8	81.2	117.0	156.8	223.3
1986	11.6	2.4	5.6	11.8	27.2	48.7	83.4	117.0	157.9	199.6
1985	11.8	2.8	5.9	13.0	27.4	50.4	85.3	115.4	160.0	210.2
1984	11.8	2.8	6.0	12.9	28.3	51.6	80.9	117.5	168.1	216.7
1983	11.7	2.5	6.2	13.1	27.7	49.6	81.7	124.0	161.2	211.1
1982	11.3	3.0	5.8	12.7	27.1	52.0	83.5	119.4	154.5	187.4
1981	11.5	2.8	6.1	13.3	28.2	51.8	85.4	120.8	156.0	201.7
1980	11.8	3.3	6.7	14.4	30.1	53.3	86.5	125.1	161.5	199.1
1979	11.6	3.1	6.9	13.4	29.8	53.3	87.7	121.2	164.5	188.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of circulatory system (441-448)										
All races, female										
1998	9.0	1.6	2.5	4.7	8.9	18.0	31.3	49.7	77.1	145.9
1997	9.1	1.7	2.4	5.1	9.7	18.3	31.9	52.5	78.7	143.5
1996	9.0	1.6	2.4	4.1	9.5	17.6	31.5	50.1	77.9	147.7
1995	8.7	1.6	2.5	5.2	8.9	17.3	31.0	48.7	75.3	140.7
1994	8.6	1.7	2.6	5.1	9.7	17.5	30.2	49.0	75.9	138.5
1993	8.3	1.6	2.7	5.0	8.4	17.0	30.7	46.1	73.1	136.3
1992	8.3	1.7	2.9	5.0	8.9	15.9	30.4	48.0	74.0	134.8
1991	8.1	1.7	2.7	4.8	8.6	17.7	29.1	46.2	72.3	136.0
1990	7.9	1.7	2.4	4.7	8.7	17.8	28.8	46.4	70.9	136.0
1989	7.8	1.4	2.9	5.2	8.7	16.3	30.8	47.5	66.8	131.8
1988	7.5	1.5	2.9	4.7	8.8	16.8	28.9	44.0	67.6	128.6
1987	7.2	1.5	2.7	4.4	9.2	16.3	28.7	43.6	63.2	123.8
1986	7.2	1.7	2.5	4.1	9.0	16.4	27.2	44.5	68.2	125.1
1985	6.8	1.7	2.5	4.7	8.3	15.8	26.5	43.1	61.7	121.7
1984	6.8	1.5	2.7	4.7	8.4	15.9	25.9	43.0	63.1	120.2
1983	6.4	1.4	2.6	4.9	8.2	15.2	24.7	39.9	62.7	116.1
1982	6.2	1.7	2.7	4.8	8.1	15.7	26.2	38.7	62.5	109.5
1981	6.1	1.6	2.4	4.9	7.8	15.4	26.3	35.5	60.8	115.4
1980	6.0	2.0	2.5	4.4	7.8	15.4	25.8	37.3	64.1	111.1
1979	5.9	1.8	2.6	5.0	8.7	14.9	24.3	39.7	60.6	108.5
Other diseases of circulatory system (441-448)										
White, both sexes										
1998	10.8	2.1	3.3	6.6	14.2	27.6	45.6	71.0	101.3	169.8
1997	11.0	1.8	3.3	7.0	15.1	27.9	48.4	73.2	104.1	170.4
1996	10.9	2.1	3.5	6.7	15.8	27.4	47.3	72.2	104.5	171.5
1995	10.9	1.9	3.7	7.5	15.1	29.5	48.5	72.0	100.8	166.7
1994	10.7	1.8	3.6	7.1	15.7	29.2	48.3	71.6	102.0	164.3
1993	10.8	1.9	3.6	7.6	15.6	30.4	49.3	73.4	104.7	162.3
1992	10.7	1.9	3.7	7.4	15.8	29.8	50.2	73.1	103.8	162.0
1991	10.7	2.1	3.6	8.1	16.1	31.9	50.2	72.6	102.6	164.4
1990	10.7	2.2	3.5	7.9	16.2	31.4	51.1	75.4	105.5	164.8
1989	10.6	1.8	3.9	8.1	16.8	31.1	52.6	75.5	100.7	161.8
1988	10.2	1.7	3.8	7.8	16.5	31.1	51.3	73.3	98.7	157.2
1987	10.1	2.0	3.8	7.2	17.4	30.7	52.2	73.3	97.0	155.2
1986	10.0	1.7	3.5	7.4	17.4	31.6	52.3	74.3	101.1	149.9
1985	9.9	2.0	3.8	8.5	17.1	31.6	52.1	72.6	97.0	150.9
1984	9.9	1.8	3.8	8.4	17.5	32.6	49.8	74.3	101.3	151.6
1983	9.6	1.8	4.2	8.6	17.2	31.2	49.8	74.6	98.8	147.1
1982	9.3	2.1	3.9	8.2	16.7	32.2	51.1	72.5	96.8	136.7
1981	9.3	1.9	3.9	8.6	17.3	32.2	52.7	70.9	95.9	145.3
1980	9.4	2.4	4.3	8.9	18.2	32.7	52.5	72.9	99.6	140.9
1979	9.3	2.2	4.3	8.8	18.6	32.5	52.5	73.6	99.8	138.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of circulatory system (441-448)										
White, male										
1998	12.1	2.9	4.5	9.0	20.6	38.8	64.5	101.8	143.3	232.2
1997	12.4	2.2	4.8	9.7	21.8	40.0	70.1	102.0	148.2	238.6
1996	12.3	2.9	4.9	10.1	22.9	39.1	68.3	104.7	151.2	232.0
1995	12.5	2.4	5.2	10.5	22.7	44.2	71.8	105.5	146.1	235.0
1994	12.3	2.2	5.0	9.9	23.0	44.0	72.0	105.0	150.3	235.7
1993	12.8	2.6	4.8	11.2	24.0	47.0	73.7	113.9	163.1	232.0
1992	12.6	2.6	4.9	10.7	23.7	46.7	76.3	109.9	158.4	235.2
1991	12.9	2.8	5.1	11.9	25.1	49.6	78.6	112.6	159.1	238.3
1990	13.1	2.8	5.2	11.9	25.2	48.4	80.8	119.6	170.1	245.1
1989	13.1	2.5	5.4	11.7	26.8	49.0	82.3	120.1	165.1	240.1
1988	12.6	2.1	5.0	11.7	26.1	49.0	81.5	119.0	158.6	231.5
1987	12.7	2.6	5.2	10.8	27.3	48.8	84.5	120.1	161.9	233.0
1986	12.6	2.0	5.1	11.4	27.4	50.3	87.1	121.3	164.0	209.8
1985	12.8	2.5	5.6	13.1	27.6	51.7	88.1	120.1	166.1	220.5
1984	12.8	2.4	5.6	12.8	28.6	53.5	83.1	123.3	174.5	227.3
1983	12.6	2.2	5.9	13.0	28.1	51.5	84.6	130.2	168.3	220.5
1982	12.2	2.8	5.3	12.4	27.2	53.1	86.5	126.3	162.1	197.5
1981	12.4	2.6	5.8	13.3	28.6	53.8	89.6	127.5	162.5	211.8
1980	12.6	3.1	6.5	14.3	30.6	54.9	90.3	130.5	167.4	205.4
1979	12.4	3.0	6.5	13.4	30.4	54.8	91.6	128.4	171.4	197.7
Other diseases of circulatory system (441-448)										
White, female										
1998	9.6	1.2	2.1	4.3	8.3	17.9	30.7	49.5	76.8	145.2
1997	9.8	1.4	1.9	4.4	9.0	17.5	31.3	53.3	78.7	143.9
1996	9.6	1.3	2.1	3.6	9.3	17.4	30.9	49.9	78.0	148.3
1995	9.3	1.4	2.3	4.7	8.1	17.0	30.4	49.1	75.6	140.6
1994	9.1	1.4	2.2	4.5	9.0	16.9	30.0	49.1	75.6	137.3
1993	8.8	1.3	2.3	4.3	8.0	16.6	30.5	46.2	73.1	136.1
1992	8.8	1.3	2.5	4.3	8.6	15.9	30.2	48.6	74.6	134.4
1991	8.6	1.4	2.1	4.6	8.1	17.3	28.7	46.3	72.5	136.5
1990	8.4	1.5	1.9	4.2	8.3	17.5	28.8	46.8	71.3	134.3
1989	8.2	1.1	2.4	4.7	8.1	16.4	30.4	46.8	66.9	132.0
1988	7.9	1.2	2.7	4.2	8.2	16.4	29.0	44.2	67.4	128.7
1987	7.6	1.4	2.4	3.9	8.8	15.9	28.5	43.6	63.2	125.0
1986	7.6	1.4	1.9	3.7	8.6	16.3	26.8	44.7	68.4	126.6
1985	7.2	1.4	2.1	4.3	7.9	15.3	25.9	42.8	61.1	123.7
1984	7.1	1.2	2.1	4.3	7.7	15.6	25.5	43.7	63.2	121.6
1983	6.7	1.3	2.5	4.6	7.6	14.8	24.5	39.9	62.5	117.6
1982	6.6	1.5	2.5	4.4	7.6	15.4	25.6	39.0	62.6	111.7
1981	6.4	1.3	2.1	4.3	7.4	14.8	26.1	35.6	61.1	117.5
1980	6.3	1.7	2.2	4.0	7.4	14.8	25.3	37.1	63.9	113.1
1979	6.3	1.5	2.2	4.7	8.4	14.7	24.5	39.5	62.0	111.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of circulatory system (441-448)										
All other, both sexes										
1998	6.3	4.5	5.7	10.2	16.0	23.7	40.2	62.3	93.2	166.4
1997	6.2	4.5	6.6	11.0	16.5	25.5	44.2	55.7	93.1	147.5
1996	6.1	4.3	5.3	9.9	15.1	25.5	44.1	63.5	90.3	144.6
1995	5.8	4.6	5.1	10.5	15.7	25.4	42.7	52.7	83.2	139.7
1994	6.1	3.8	6.0	10.5	16.2	26.8	42.0	61.5	95.4	153.9
1993	6.1	4.8	6.2	11.7	14.8	28.3	41.0	56.9	91.6	151.3
1992	5.7	4.7	6.8	10.6	15.0	26.1	39.9	54.8	85.6	139.2
1991	5.8	4.3	6.9	9.7	16.2	28.0	40.2	56.6	83.7	136.9
1990	5.9	4.1	7.1	10.2	15.6	26.6	41.2	58.5	84.3	150.9
1989	5.9	3.9	8.2	11.5	16.5	26.1	41.0	61.2	85.0	129.7
1988	5.5	3.3	6.5	9.8	19.3	26.1	38.5	51.0	81.9	123.0
1987	5.6	3.2	6.5	9.1	17.6	27.9	38.4	60.6	78.2	117.1
1986	5.4	4.1	7.3	10.8	18.1	24.0	38.0	55.9	77.4	106.5
1985	5.5	3.9	6.5	10.0	17.7	28.2	42.9	56.0	79.6	103.6
1984	5.4	4.6	7.6	10.7	19.3	25.1	41.8	47.2	76.9	108.8
1983	5.1	3.2	5.8	10.5	18.0	24.4	37.6	50.5	72.9	105.3
1982	5.0	3.5	6.2	11.1	18.2	28.8	41.9	43.7	65.5	85.0
1981	5.0	3.7	6.3	11.4	17.2	25.9	36.0	44.0	69.3	94.2
1980	5.4	4.2	6.2	11.3	17.6	28.6	39.4	53.4	78.5	102.6
1979	5.0	3.9	7.4	10.2	16.8	27.0	34.9	47.7	61.6	75.3
Other diseases of circulatory system (441-448)										
All other, male										
1998	6.4	6.0	7.5	13.5	20.0	29.7	45.9	78.9	119.6	198.0
1997	6.3	6.1	8.0	13.9	19.6	28.7	55.5	70.9	121.2	165.4
1996	6.3	6.1	7.3	13.4	21.0	34.4	54.5	81.9	115.2	152.3
1995	5.9	6.7	6.0	13.9	17.9	33.7	51.8	65.6	102.8	134.4
1994	6.2	4.4	7.5	13.4	19.2	33.0	55.6	83.2	125.7	159.2
1993	6.5	6.3	7.6	14.7	19.3	39.4	52.9	76.2	126.0	179.8
1992	6.1	5.2	9.0	11.9	20.7	39.9	50.6	76.0	117.7	141.7
1991	6.1	5.1	8.1	13.7	21.8	37.6	50.5	73.9	108.9	152.7
1990	6.4	5.3	8.9	13.7	20.5	35.7	60.4	84.4	116.5	143.7
1989	6.2	4.7	10.7	15.5	21.2	40.0	51.6	73.9	119.0	128.4
1988	5.9	3.8	8.7	12.2	27.4	33.9	54.0	65.8	103.4	113.9
1987	6.2	4.9	8.8	10.8	24.8	38.6	50.2	87.4	105.4	132.5
1986	5.9	4.9	9.0	15.3	25.4	33.8	48.0	76.7	96.3	104.0
1985	6.0	4.4	8.3	12.8	25.3	38.7	58.7	71.4	98.1	113.7
1984	6.1	6.0	9.2	14.1	26.3	34.2	59.8	63.4	103.0	118.1
1983	5.8	4.5	8.4	13.9	23.6	31.3	53.9	66.0	87.6	120.3
1982	5.8	4.6	9.4	14.5	25.9	42.6	55.7	55.5	74.5	89.6
1981	5.5	4.1	8.5	13.3	24.2	33.2	46.3	58.6	87.9	101.6
1980	6.2	5.1	8.0	15.6	25.6	39.2	50.9	74.2	98.6	135.0
1979	6.0	4.2	10.0	13.4	23.3	40.6	51.1	56.5	91.9	94.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of circulatory system (441-448)										
All other, female										
1998	6.2	3.3	4.2	7.4	12.8	19.2	36.4	51.8	79.2	153.1
1997	6.2	3.1	5.5	8.6	14.0	23.1	36.5	46.0	78.3	139.9
1996	5.9	2.8	3.7	7.1	10.3	18.9	36.9	51.9	77.1	141.3
1995	5.8	2.8	4.2	7.8	14.0	19.3	36.4	44.7	72.8	141.9
1994	6.1	3.2	4.7	8.2	13.9	22.2	32.6	48.1	79.1	151.7
1993	5.7	3.6	5.0	9.2	11.3	20.1	32.7	45.1	72.8	138.9
1992	5.4	4.2	4.9	9.5	10.7	15.9	32.6	41.8	67.9	138.1
1991	5.6	3.6	6.0	6.4	12.0	20.9	33.1	45.9	69.8	130.0
1990	5.4	3.1	5.7	7.4	11.9	19.9	28.1	42.4	66.2	154.1
1989	5.6	3.1	6.0	8.3	12.9	15.7	33.8	53.2	66.0	129.5
1988	5.1	2.8	4.6	7.8	13.1	20.2	27.9	41.5	69.1	127.2
1987	5.0	*	4.6	7.7	11.9	19.9	30.3	43.5	62.8	109.8
1986	5.0	3.5	5.9	7.2	12.5	16.7	31.2	42.6	66.7	107.7
1985	5.0	3.3	5.0	7.7	11.7	20.2	32.0	45.9	68.9	98.7
1984	4.8	3.3	6.3	8.0	13.9	18.2	29.3	36.5	61.6	104.1
1983	4.6	*	3.7	7.8	13.5	19.2	26.1	40.1	64.2	97.8
1982	4.3	2.5	3.6	8.3	12.1	18.5	31.9	35.8	60.5	82.7
1981	4.5	3.4	4.5	9.9	11.6	20.3	28.4	34.2	58.0	89.8
1980	4.6	3.5	4.7	7.8	11.1	20.4	30.9	39.2	66.2	86.0
1979	4.1	3.7	5.3	7.6	11.5	16.6	22.4	41.1	42.8	65.8
Other diseases of circulatory system (441-448)										
Black, both sexes										
1998	7.5	6.1	6.9	12.7	18.6	28.0	44.3	69.6	97.7	179.2
1997	7.4	5.8	8.5	12.7	19.3	29.1	50.0	61.9	98.9	156.7
1996	7.1	5.6	6.7	12.2	17.2	30.2	49.1	69.7	90.6	150.1
1995	6.9	5.8	6.3	12.9	18.8	30.2	47.3	58.8	88.9	143.9
1994	7.1	4.7	7.3	11.7	18.7	30.7	48.0	65.8	96.0	162.7
1993	7.1	6.3	7.9	13.9	16.2	31.3	44.2	59.3	94.2	158.8
1992	6.6	5.8	8.3	11.3	17.5	29.0	44.0	60.4	83.3	142.1
1991	6.8	5.6	9.2	11.0	18.7	30.6	43.8	59.3	85.6	142.7
1990	6.8	5.0	9.0	11.5	17.5	28.7	44.4	62.0	84.6	156.3
1989	6.8	4.6	9.6	14.1	18.7	29.1	43.8	65.8	85.1	134.5
1988	6.3	3.9	7.4	11.2	21.2	28.4	41.5	53.3	82.7	123.8
1987	6.3	4.0	7.9	9.7	19.9	30.5	40.4	62.3	77.2	119.7
1986	6.1	5.0	8.1	12.3	20.0	26.8	40.6	56.3	74.5	108.5
1985	6.1	4.5	7.6	11.5	19.4	29.8	44.3	56.2	80.8	102.1
1984	6.0	5.6	8.7	11.5	21.9	27.2	43.1	47.8	78.8	106.3
1983	5.6	3.8	6.5	11.7	19.7	25.9	38.8	50.4	68.3	102.7
1982	5.5	4.3	7.1	12.0	20.2	30.7	44.1	43.1	69.3	85.2
1981	5.5	4.3	6.8	12.5	18.4	27.8	36.8	45.3	70.3	93.5
1980	5.8	5.0	6.7	12.1	18.9	29.3	40.6	52.3	79.4	101.2
1979	5.3	4.3	8.1	11.1	17.7	28.6	35.0	46.5	58.7	75.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of circulatory system (441-448)										
Black, male										
1998	7.4	8.1	9.0	16.9	23.8	34.1	50.7	87.4	122.6	211.7
1997	7.4	7.7	10.3	16.4	22.5	33.6	65.9	76.9	129.4	178.4
1996	7.3	7.7	8.9	16.6	25.1	39.7	61.1	86.7	113.9	159.5
1995	6.7	8.1	7.3	17.6	21.4	39.8	54.1	71.9	104.6	134.8
1994	7.0	5.8	9.0	14.9	22.7	36.6	63.8	92.7	124.7	158.3
1993	7.4	8.4	10.2	18.8	21.2	43.2	55.0	74.9	132.5	189.3
1992	6.8	6.8	11.0	11.7	24.6	43.0	55.4	84.5	107.0	140.1
1991	6.9	6.5	10.9	15.3	24.7	40.1	51.8	77.5	110.6	153.7
1990	7.2	6.4	11.3	15.4	23.2	38.8	63.2	89.0	116.9	150.9
1989	7.1	5.2	13.2	19.5	23.9	44.8	55.2	78.1	115.5	128.8
1988	6.5	5.2	9.7	14.2	29.4	36.9	57.6	67.8	100.0	104.6
1987	6.8	6.2	10.3	11.9	27.8	42.1	52.2	86.9	95.7	126.6
1986	6.5	6.0	9.4	16.5	28.7	38.2	50.0	76.7	87.8	104.8
1985	6.4	5.5	10.0	14.7	27.8	40.1	59.3	68.8	92.0	112.9
1984	6.7	7.4	10.7	15.1	29.7	37.4	61.6	63.5	101.2	118.0
1983	6.2	5.7	9.3	15.3	25.8	32.8	56.6	63.0	78.0	116.7
1982	6.3	5.9	10.9	16.4	28.5	44.6	58.7	52.2	77.5	84.5
1981	5.9	4.8	8.9	14.4	26.0	34.8	46.9	60.1	85.7	100.0
1980	6.5	6.0	8.9	16.2	27.2	39.7	52.4	69.3	94.6	126.4
1979	6.1	4.6	11.0	14.4	24.2	42.6	50.0	52.2	83.1	92.3
Other diseases of circulatory system (441-448)										
Black, female										
1998	7.6	4.3	5.1	9.3	14.6	23.5	40.1	58.8	85.6	166.9
1997	7.4	4.1	7.0	9.6	16.8	25.8	39.6	52.8	84.1	148.5
1996	7.0	3.7	4.8	8.7	11.2	23.2	41.2	59.5	79.2	146.5
1995	7.1	3.8	5.4	9.1	16.8	23.1	42.8	51.0	81.3	147.4
1994	7.2	3.8	5.9	9.2	15.6	26.3	37.6	50.0	81.8	164.4
1993	6.7	4.5	6.0	9.9	12.3	22.6	37.0	50.2	75.0	146.8
1992	6.4	5.0	6.2	11.0	12.2	18.7	36.4	46.6	71.2	142.9
1991	6.7	4.8	7.8	7.7	14.2	23.8	38.5	48.8	72.9	138.2
1990	6.4	3.8	7.1	8.4	13.2	21.4	31.9	46.3	67.9	158.6
1989	6.6	4.1	6.7	9.8	14.9	17.6	36.4	58.5	69.2	137.9
1988	6.0	2.8	5.4	8.9	14.9	22.3	30.8	44.6	73.6	132.2
1987	5.8	*	5.8	8.0	13.9	22.1	32.5	47.4	67.3	116.7
1986	5.7	4.1	7.0	8.9	13.3	18.4	34.3	43.8	67.3	110.1
1985	5.7	3.8	5.7	8.9	12.9	22.3	34.4	48.4	74.7	97.0
1984	5.4	4.0	7.0	8.5	15.9	19.7	30.8	38.0	66.4	100.8
1983	5.0	*	4.2	8.7	14.9	20.9	26.9	42.1	62.8	96.0
1982	4.9	*	4.0	8.4	13.8	20.5	34.1	37.5	64.5	85.6
1981	5.1	3.9	5.1	11.0	12.5	22.6	29.8	35.7	61.4	89.4
1980	5.1	4.1	4.9	8.7	12.3	21.5	32.1	41.3	70.3	88.6
1979	4.5	4.1	5.7	8.3	12.6	18.1	24.2	42.4	43.5	66.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Aortic aneurysm and dissection (441)										
All races, both sexes										
1998	5.9	1.4	2.0	4.0	9.2	17.7	29.4	44.7	61.1	80.2
1997	6.1	1.3	2.3	4.8	9.2	18.2	31.7	46.3	64.5	82.9
1996	6.1	1.4	2.3	4.6	10.1	18.0	30.8	46.6	65.4	81.6
1995	6.2	1.3	2.4	5.2	9.9	19.5	32.7	46.2	62.1	82.5
1994	6.1	1.1	2.4	4.9	10.2	19.7	32.9	46.5	63.7	81.7
1993	6.3	1.4	2.4	5.2	10.5	21.0	33.8	48.9	66.5	82.6
1992	6.3	1.4	2.7	4.9	10.5	20.7	34.5	48.8	67.0	83.8
1991	6.6	1.4	2.4	5.7	11.4	22.6	36.3	50.0	68.4	89.7
1990	6.6	1.4	2.3	5.4	11.2	22.9	35.8	52.3	70.1	91.4
1989	6.6	1.3	2.7	5.6	11.4	22.6	37.2	52.6	66.5	90.5
1988	6.4	1.1	2.4	5.2	12.1	22.1	36.4	51.4	68.1	88.4
1987	6.5	1.3	2.5	4.9	12.1	21.9	37.0	52.4	67.6	91.2
1986	6.4	1.1	2.5	5.2	12.0	22.1	37.6	52.2	68.9	86.7
1985	6.4	1.2	2.4	5.6	11.9	22.8	37.9	51.5	67.9	89.7
1984	6.4	1.2	2.3	5.6	12.3	23.2	36.6	52.8	73.2	92.3
1983	6.2	1.0	2.7	5.5	11.8	22.4	36.1	54.0	69.6	90.7
1982	6.1	1.3	2.3	5.4	11.7	23.3	37.3	52.9	67.6	84.9
1981	6.1	1.1	2.5	5.4	12.2	23.1	38.4	51.6	69.2	91.9
1980	6.3	1.3	2.5	6.0	12.9	23.9	39.6	54.3	71.3	90.4
1979	6.2	1.3	2.7	5.8	13.1	23.8	39.8	55.5	72.8	88.4
Aortic aneurysm and dissection (441)										
All races, male										
1998	7.4	2.3	3.3	6.2	14.3	27.0	44.5	69.2	91.9	132.5
1997	7.7	2.0	3.5	7.2	14.5	27.6	49.0	68.7	100.4	141.3
1996	7.7	2.2	3.6	7.5	16.0	27.7	47.2	72.5	101.5	132.8
1995	7.9	2.1	3.8	8.2	15.6	31.4	51.3	71.8	97.5	138.3
1994	7.9	1.6	3.4	7.5	16.1	31.5	52.9	72.7	103.6	138.6
1993	8.4	2.2	3.8	8.2	17.1	35.0	53.9	82.4	110.9	137.5
1992	8.3	2.1	4.0	7.9	17.2	34.7	54.7	77.5	113.8	142.2
1991	8.7	2.0	3.7	9.0	18.9	37.6	59.8	82.0	112.6	151.8
1990	8.9	2.2	3.8	8.7	18.8	37.4	59.9	87.4	123.9	159.1
1989	8.9	1.9	4.2	8.7	19.2	37.8	60.9	89.6	118.3	153.5
1988	8.8	1.6	3.7	8.4	20.2	37.2	61.0	87.7	119.2	153.2
1987	8.8	2.0	3.9	7.9	20.2	36.5	63.0	90.3	119.2	156.6
1986	8.7	1.6	4.0	8.5	20.4	36.9	64.5	90.6	123.5	140.7
1985	8.8	1.8	3.8	9.4	20.6	39.2	66.3	88.9	121.2	147.6
1984	9.0	1.9	3.7	9.3	21.3	40.2	64.0	92.7	135.0	154.8
1983	8.8	1.5	4.2	9.2	20.1	38.2	64.7	98.8	124.9	153.6
1982	8.6	2.0	3.7	9.0	19.9	40.5	65.0	96.5	120.2	134.7
1981	8.8	1.8	4.0	9.2	21.4	40.0	68.0	96.7	124.2	146.8
1980	9.1	2.0	4.0	10.5	22.9	41.9	71.1	101.3	129.0	146.9
1979	9.0	2.1	4.4	9.6	22.7	42.1	71.7	99.7	131.4	137.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Aortic aneurysm and dissection (441)										
All races, female										
1998	4.4	0.6	0.8	2.0	4.5	9.9	17.6	27.8	43.3	59.5
1997	4.6	0.7	1.1	2.5	4.5	10.2	18.3	30.9	44.0	60.0
1996	4.6	0.7	1.0	1.9	4.9	9.8	18.2	29.0	45.1	61.7
1995	4.5	0.6	1.0	2.4	4.7	9.6	18.5	28.8	42.5	61.0
1994	4.4	0.7	1.4	2.4	5.0	9.9	17.7	29.0	41.8	60.0
1993	4.4	0.6	1.0	2.4	4.6	9.6	18.5	26.7	42.5	61.7
1992	4.4	0.7	1.4	2.0	4.7	9.3	19.2	29.9	41.9	61.5
1991	4.6	0.9	1.2	2.8	4.8	10.5	18.6	29.1	44.8	65.9
1990	4.4	0.6	0.8	2.4	4.6	11.1	18.0	29.7	41.5	65.3
1989	4.4	0.7	1.3	2.8	4.7	10.2	19.7	28.8	39.1	65.9
1988	4.2	0.6	1.2	2.2	5.2	9.9	18.3	28.2	41.2	63.1
1987	4.2	0.7	1.1	2.2	5.1	10.1	18.0	28.4	40.6	65.4
1986	4.1	0.7	1.1	2.1	4.9	10.0	18.1	27.9	40.4	65.3
1985	4.0	0.7	1.0	2.1	4.5	9.5	17.2	28.0	40.0	66.6
1984	4.0	0.6	1.0	2.3	4.5	9.4	16.8	27.7	40.7	67.0
1983	3.8	0.6	1.2	2.2	4.6	9.7	15.3	25.9	40.5	64.9
1982	3.7	0.7	1.1	2.3	4.5	9.4	17.2	25.6	39.9	64.1
1981	3.6	0.5	1.1	2.0	4.1	9.6	16.9	23.4	40.1	68.5
1980	3.6	0.6	1.1	2.0	4.2	9.5	16.8	24.8	40.6	65.6
1979	3.7	0.7	1.1	2.5	4.9	9.2	16.7	27.6	41.4	66.8
Aortic aneurysm and dissection (441)										
White, both sexes										
1998	6.5	1.2	1.8	3.9	9.2	18.5	30.7	46.3	62.9	82.2
1997	6.8	1.0	2.0	4.5	9.6	19.0	32.8	48.5	66.4	85.5
1996	6.7	1.2	2.2	4.3	10.5	18.5	31.8	48.1	67.2	84.2
1995	6.8	1.0	2.3	5.0	10.0	20.3	33.9	48.2	64.2	85.7
1994	6.8	1.0	2.1	4.7	10.5	20.6	34.0	48.4	65.2	84.6
1993	7.0	1.2	2.3	5.0	10.8	21.6	35.0	50.9	68.7	84.8
1992	7.0	1.1	2.4	4.6	10.8	21.5	35.9	51.0	69.0	86.6
1991	7.3	1.2	2.2	5.7	11.7	23.5	37.6	51.9	70.3	93.0
1990	7.2	1.3	2.0	5.2	11.4	23.5	37.3	54.3	72.7	94.0
1989	7.2	1.0	2.3	5.5	11.6	23.4	38.7	54.4	68.3	93.7
1988	7.0	1.0	2.2	5.0	12.0	22.8	37.9	53.6	70.4	91.4
1987	7.1	1.2	2.3	4.8	12.3	22.6	38.7	54.1	69.6	94.7
1986	7.0	1.0	2.1	5.0	12.3	23.1	39.2	54.1	71.5	90.0
1985	6.9	1.0	2.2	5.5	12.1	23.5	39.0	53.4	70.0	92.9
1984	7.0	1.0	2.0	5.4	12.5	24.0	37.7	55.3	75.5	96.1
1983	6.8	0.9	2.5	5.5	11.9	23.3	37.6	56.4	71.9	94.1
1982	6.6	1.3	2.2	5.3	11.8	24.0	38.4	55.5	70.5	88.6
1981	6.7	1.0	2.3	5.2	12.4	23.8	39.9	54.0	71.4	95.3
1980	6.8	1.2	2.3	5.9	13.2	24.5	41.1	56.2	73.4	93.2
1979	6.8	1.2	2.4	5.8	13.3	24.4	41.4	57.8	76.0	92.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Aortic aneurysm and dissection (441)										
White, male										
1998	8.3	2.0	3.0	6.0	14.5	28.6	46.7	72.1	95.2	137.8
1997	8.6	1.5	3.3	7.0	15.2	29.2	51.1	72.1	103.9	149.2
1996	8.5	1.9	3.5	7.3	16.6	28.6	49.3	75.2	104.8	140.0
1995	8.8	1.5	3.7	8.1	16.5	32.9	53.3	75.6	101.2	146.7
1994	8.8	1.4	3.2	7.3	16.9	33.1	54.9	76.1	107.0	145.2
1993	9.3	1.9	3.6	8.1	17.9	36.3	56.1	86.2	116.0	143.9
1992	9.2	1.8	3.7	7.8	17.9	36.1	57.5	81.1	117.6	150.4
1991	9.7	1.8	3.4	8.9	19.4	39.3	62.6	85.7	116.8	161.3
1990	9.9	2.0	3.5	8.7	19.4	38.8	62.6	91.4	129.9	169.1
1989	9.8	1.6	3.8	8.6	19.8	39.2	64.0	94.1	123.2	163.7
1988	9.7	1.5	3.3	8.5	20.3	38.8	64.0	92.7	125.3	162.9
1987	9.7	1.8	3.6	7.9	20.7	38.1	66.8	94.2	124.7	165.7
1986	9.6	1.4	3.7	8.3	20.9	39.2	68.0	95.2	129.7	150.0
1985	9.7	1.6	3.7	9.4	21.2	40.8	69.3	93.6	127.6	156.4
1984	9.9	1.6	3.4	9.2	22.0	41.9	66.7	98.1	141.5	164.9
1983	9.7	1.2	4.0	9.3	20.7	40.3	68.1	105.0	131.7	163.5
1982	9.4	1.9	3.4	9.0	20.3	42.3	68.1	102.6	127.2	144.6
1981	9.6	1.6	3.8	9.3	22.0	41.9	71.8	102.8	130.8	156.4
1980	9.9	1.8	3.8	10.5	23.8	43.6	75.2	106.8	136.1	153.4
1979	9.7	2.0	4.2	9.6	23.3	43.5	75.6	106.6	138.7	145.2
Aortic aneurysm and dissection (441)										
White, female										
1998	4.8	0.4	0.6	1.8	4.3	9.7	18.0	28.3	44.1	60.3
1997	5.1	0.5	0.8	2.2	4.4	10.1	18.5	32.1	44.8	60.7
1996	5.0	0.6	0.9	1.5	5.0	9.9	18.2	29.4	45.9	62.8
1995	4.9	0.5	0.8	2.0	4.1	9.5	18.8	29.5	43.5	62.5
1994	4.8	0.6	1.1	2.2	4.8	10.2	17.8	29.6	42.3	61.6
1993	4.8	0.4	1.0	2.1	4.3	9.4	18.8	27.2	43.1	62.5
1992	4.8	0.5	1.2	1.7	4.4	9.4	19.4	31.1	43.0	62.6
1991	5.0	0.6	1.0	2.7	4.7	10.5	18.6	29.7	45.7	67.2
1990	4.7	0.6	0.5	2.0	4.3	11.0	18.3	30.4	42.5	65.5
1989	4.7	0.5	1.0	2.6	4.4	10.4	19.8	28.9	39.4	66.9
1988	4.5	0.5	1.1	1.8	4.7	9.7	18.5	28.7	41.7	64.0
1987	4.5	0.6	1.0	1.9	4.9	9.8	18.1	28.7	41.0	67.2
1986	4.4	0.6	0.7	1.9	4.7	10.0	18.2	28.2	41.2	66.7
1985	4.3	0.5	0.8	1.9	4.2	9.3	17.0	28.2	40.0	68.1
1984	4.2	*	0.7	2.0	4.1	9.4	16.6	28.5	41.2	68.8
1983	4.0	0.5	1.0	2.1	4.1	9.5	15.5	26.1	40.7	66.2
1982	4.0	0.7	1.0	1.9	4.4	9.3	16.9	26.2	40.8	65.7
1981	3.8	*	0.9	1.6	4.0	9.2	16.8	23.6	40.3	69.8
1980	3.8	0.6	0.8	1.7	4.0	9.1	16.5	24.8	40.5	67.2
1979	3.9	0.4	0.8	2.3	4.5	9.1	16.9	27.5	42.9	69.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Aortic aneurysm and dissection (441)										
All other, both sexes										
1998	3.0	2.6	3.6	4.9	8.8	12.6	19.1	30.9	42.8	60.6
1997	3.0	2.9	3.7	6.0	7.2	12.6	22.4	26.8	45.4	56.9
1996	3.0	2.5	2.8	6.1	7.8	13.9	22.5	32.9	47.4	55.0
1995	3.0	3.3	3.2	6.7	8.9	14.2	22.6	27.5	41.6	50.4
1994	3.0	1.9	3.7	6.1	8.2	12.7	23.8	28.9	48.2	53.1
1993	3.1	2.7	3.3	6.4	8.5	16.4	23.4	30.3	44.7	60.1
1992	3.0	2.8	4.2	6.4	8.5	14.4	22.1	28.2	45.7	54.4
1991	3.2	2.7	4.2	6.1	9.4	15.9	24.6	32.4	48.0	55.1
1990	3.2	2.2	4.1	6.5	9.6	17.4	22.7	33.5	43.5	63.3
1989	3.2	2.6	4.9	6.2	10.0	15.8	23.4	35.7	47.6	56.6
1988	3.1	1.8	3.7	6.2	12.9	16.2	22.8	29.9	44.4	56.5
1987	3.1	2.1	3.7	5.9	10.8	16.2	20.9	36.8	46.4	53.3
1986	3.0	2.2	4.8	6.5	10.2	12.7	22.9	33.8	41.4	50.2
1985	3.1	2.5	3.5	6.0	10.4	16.6	27.1	33.7	45.8	54.7
1984	3.1	2.8	4.7	6.7	10.6	16.1	26.3	28.7	48.0	50.7
1983	2.9	2.1	3.9	5.1	11.2	14.9	21.9	30.5	44.3	52.9
1982	2.9	1.6	3.6	6.6	10.1	16.3	27.0	27.9	35.7	43.5
1981	3.0	2.1	3.8	6.5	9.8	17.1	24.2	28.6	44.0	52.6
1980	3.2	2.0	4.2	7.1	9.9	18.8	25.1	35.3	46.2	58.0
1979	3.1	2.5	4.6	6.0	11.9	18.6	23.2	32.7	34.4	42.0
Aortic aneurysm and dissection (441)										
All other, male										
1998	3.4	3.8	5.2	7.4	12.8	14.9	25.5	41.9	57.1	82.3
1997	3.4	4.4	5.1	8.1	9.8	15.5	30.2	36.4	62.9	67.7
1996	3.6	4.1	4.4	8.8	12.2	20.7	28.7	45.6	65.9	66.0
1995	3.5	5.6	4.7	9.3	9.8	19.5	32.5	34.8	58.8	61.2
1994	3.4	2.5	4.9	8.7	11.0	18.5	33.3	38.3	69.4	77.5
1993	3.7	4.0	5.3	8.9	11.6	23.5	34.1	44.5	59.3	78.0
1992	3.6	4.0	6.4	8.9	11.2	22.7	28.2	42.3	74.6	66.3
1991	3.8	3.1	5.8	9.5	14.5	23.1	32.9	45.8	69.4	62.2
1990	3.9	4.1	5.7	8.9	13.8	24.8	33.5	49.1	64.7	65.1
1989	3.8	3.8	6.8	8.8	14.3	24.9	30.7	46.8	69.4	59.3
1988	3.7	2.5	6.0	7.9	18.9	22.6	32.8	39.7	58.1	63.3
1987	3.7	3.2	5.9	7.4	16.2	21.9	26.7	54.0	63.4	71.4
1986	3.5	2.7	6.5	10.0	15.7	16.7	31.3	47.1	60.2	53.3
1985	3.7	3.5	4.7	8.7	14.9	23.8	38.0	45.1	55.8	64.4
1984	3.9	4.1	6.2	10.0	14.8	24.3	37.8	42.6	69.3	59.7
1983	3.5	3.6	6.1	8.2	14.4	19.3	33.1	41.1	53.6	58.0
1982	3.5	*	5.8	8.9	16.2	24.6	36.0	40.3	46.8	38.8
1981	3.5	*	5.7	8.3	16.0	22.8	32.5	39.2	54.9	51.6
1980	3.9	*	5.5	10.3	14.7	26.2	33.1	49.7	53.9	80.6
1979	3.9	*	6.3	8.9	16.6	29.5	34.8	37.5	53.5	52.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Aortic aneurysm and dissection (441)										
All other, female										
1998	2.6	1.5	2.2	2.9	5.6	10.9	14.8	23.9	35.2	51.5
1997	2.6	1.6	2.4	4.2	5.1	10.4	17.1	20.7	36.1	52.3
1996	2.6	*	*	3.9	4.2	8.8	18.2	25.0	37.6	50.4
1995	2.5	1.4	1.9	4.5	8.1	10.2	15.8	23.0	32.4	45.7
1994	2.5	*	2.6	4.0	6.1	8.4	17.2	23.2	36.8	42.6
1993	2.5	*	*	4.3	6.1	11.1	16.1	21.5	36.8	52.4
1992	2.4	1.7	2.4	4.3	6.5	8.2	18.0	19.6	29.7	49.2
1991	2.6	2.3	2.8	3.3	5.6	10.6	19.0	24.2	36.2	52.0
1990	2.6	*	2.8	4.5	6.5	11.9	15.3	23.8	31.5	62.5
1989	2.7	*	3.2	4.0	6.7	9.0	18.4	28.7	35.4	55.1
1988	2.6	*	*	4.9	8.3	11.5	16.0	23.6	36.3	53.3
1987	2.6	*	*	4.7	6.6	12.0	16.9	25.9	36.7	44.8
1986	2.5	*	3.5	3.7	5.9	9.8	17.2	25.3	30.7	48.7
1985	2.7	*	*	3.7	6.8	11.1	19.5	26.1	40.0	50.0
1984	2.5	*	3.4	4.1	7.3	10.0	18.3	19.4	35.5	46.2
1983	2.4	*	*	*	8.8	11.7	14.0	23.5	38.8	50.4
1982	2.2	*	*	4.7	5.2	10.1	20.4	19.6	29.3	45.9
1981	2.5	*	*	5.0	4.8	12.8	18.1	21.5	37.3	52.8
1980	2.6	*	3.2	4.5	6.1	13.1	19.2	25.5	41.6	46.4
1979	2.3	*	3.2	3.6	8.1	10.2	14.4	29.1	22.5	36.8
Aortic aneurysm and dissection (441)										
Black, both sexes										
1998	3.3	3.4	4.2	5.7	10.0	14.5	19.0	32.8	42.2	60.3
1997	3.4	3.7	4.7	6.9	8.0	13.3	24.0	27.4	44.8	56.7
1996	3.3	3.1	3.4	7.4	8.4	15.2	23.3	34.4	41.2	49.7
1995	3.4	4.2	3.8	8.2	10.4	16.5	23.7	28.8	40.3	46.3
1994	3.3	2.3	4.5	6.8	9.6	13.8	26.0	28.3	44.9	49.7
1993	3.4	3.4	4.2	7.5	9.0	17.3	23.4	29.1	43.3	58.7
1992	3.2	3.5	5.2	6.3	9.6	14.9	22.9	30.3	38.3	50.3
1991	3.5	3.4	5.6	6.9	10.5	16.5	25.6	31.6	44.6	51.9
1990	3.5	2.7	5.2	7.2	10.2	18.6	22.7	33.7	39.5	60.2
1989	3.6	2.9	5.8	7.4	11.3	17.3	23.3	37.0	43.3	55.0
1988	3.4	2.3	3.9	7.0	13.9	16.7	23.8	30.0	42.3	51.4
1987	3.4	2.5	4.4	6.2	11.8	17.3	21.2	36.0	42.6	49.5
1986	3.2	2.7	5.1	7.2	10.9	13.6	23.3	33.1	35.3	46.8
1985	3.3	3.0	3.9	6.9	10.8	16.7	27.0	31.8	44.9	50.3
1984	3.4	3.4	5.5	7.0	11.8	17.1	25.8	27.3	47.5	45.8
1983	3.1	2.6	4.4	5.7	11.8	15.3	21.7	29.3	38.8	50.5
1982	3.1	1.9	4.3	7.1	11.0	17.0	27.6	26.2	36.7	40.3
1981	3.2	2.5	4.1	7.0	10.3	18.1	24.3	28.4	42.6	50.0
1980	3.3	2.3	4.6	7.6	10.2	18.6	25.2	32.7	45.0	54.1
1979	3.1	2.6	4.9	6.4	12.6	19.2	21.9	31.3	29.9	38.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Aortic aneurysm and dissection (441)										
Black, male										
1998	3.7	5.1	6.2	8.6	14.7	16.3	24.3	42.0	52.3	74.1
1997	3.8	5.7	6.6	9.3	10.3	16.5	33.3	34.8	59.2	60.3
1996	3.8	5.0	5.3	10.5	13.9	21.9	28.7	44.4	54.6	60.3
1995	3.8	6.7	5.6	11.5	11.5	22.1	32.0	34.9	53.2	51.4
1994	3.6	3.4	6.0	9.3	13.0	19.5	35.7	38.3	62.8	59.9
1993	3.9	5.2	7.2	11.2	12.1	23.9	32.4	38.6	58.2	73.5
1992	3.7	5.4	7.8	7.8	13.1	22.3	28.6	44.7	56.9	56.0
1991	4.0	3.9	7.8	10.5	15.5	23.6	31.3	45.1	63.8	49.3
1990	4.1	4.8	7.4	9.6	14.8	26.3	31.2	47.6	56.9	57.3
1989	4.2	3.9	8.6	11.3	15.8	27.5	29.8	48.3	60.8	56.1
1988	3.9	3.4	6.4	9.0	20.1	22.7	34.0	37.9	54.3	46.2
1987	3.8	4.0	6.9	7.9	17.3	23.3	25.3	49.7	51.1	62.5
1986	3.6	*	6.4	10.6	16.9	18.1	30.6	44.8	48.9	46.0
1985	3.7	4.2	5.4	9.9	15.5	23.0	36.6	40.0	49.4	56.5
1984	4.1	5.1	7.2	10.5	15.9	25.8	35.9	38.9	65.5	59.0
1983	3.6	4.6	6.7	8.8	14.9	19.4	33.6	37.0	43.9	53.3
1982	3.8	*	6.9	10.3	17.1	25.1	37.2	35.4	47.5	*
1981	3.7	*	5.9	8.7	16.8	23.1	32.2	38.0	48.1	48.2
1980	3.9	*	5.9	10.7	14.5	25.9	32.8	43.2	46.6	66.0
1979	3.8	*	7.0	9.3	17.2	30.2	31.0	32.9	42.9	44.2
Aortic aneurysm and dissection (441)										
Black, female										
1998	3.0	1.9	2.5	3.3	6.3	13.2	15.6	27.2	37.3	55.0
1997	3.0	2.1	3.1	4.9	6.1	10.9	17.9	23.0	37.9	55.3
1996	2.9	*	*	4.9	4.1	10.2	19.8	28.4	34.7	45.6
1995	3.0	2.0	*	5.5	9.6	12.3	18.3	25.2	34.1	44.3
1994	3.0	*	3.2	4.8	7.0	9.6	19.6	22.5	36.1	45.8
1993	2.9	*	*	4.6	6.6	12.4	17.4	23.6	35.8	52.9
1992	2.8	*	3.0	5.1	7.0	9.5	19.2	22.0	28.9	48.0
1991	3.1	3.0	3.7	3.9	6.6	11.4	21.9	23.7	34.9	53.0
1990	3.0	*	3.4	5.3	6.7	13.0	17.1	25.6	30.5	61.4
1989	3.1	*	3.4	4.3	8.0	9.9	19.1	30.2	34.1	54.9
1988	2.9	*	*	5.3	9.3	12.4	17.1	25.3	36.0	53.7
1987	3.0	*	*	4.9	7.7	12.8	18.5	27.7	38.0	43.8
1986	2.8	*	4.1	4.4	6.3	10.3	18.4	26.0	27.9	47.1
1985	3.0	*	*	4.4	7.1	12.1	20.7	26.7	42.4	47.4
1984	2.7	*	4.1	4.1	8.5	10.7	19.1	19.9	37.5	39.5
1983	2.6	*	*	*	9.5	12.3	13.6	24.3	35.9	49.2
1982	2.5	*	*	4.5	6.1	11.0	21.0	20.3	30.4	45.8
1981	2.8	*	*	5.7	5.2	14.4	18.7	22.1	39.4	50.4
1980	2.8	*	3.5	5.1	6.8	13.2	19.7	26.0	43.9	48.1
1979	2.5	*	3.2	4.0	9.0	11.1	15.3	30.1	21.8	35.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of arteries, arterioles and capillaries (442-448)										
All races, both sexes										
1998	4.1	1.0	1.6	3.1	5.3	9.4	15.6	25.4	39.5	89.3
1997	4.1	0.9	1.5	2.8	6.1	9.4	16.2	25.1	38.6	85.4
1996	4.0	1.0	1.5	2.6	5.6	9.2	16.1	24.8	37.8	87.5
1995	3.8	0.9	1.5	2.7	5.3	9.5	15.2	23.9	37.1	81.7
1994	3.8	1.0	1.6	2.7	5.5	9.2	14.7	24.2	37.8	81.6
1993	3.7	1.0	1.5	3.0	5.0	9.1	14.6	22.9	37.0	78.7
1992	3.6	0.9	1.5	2.9	5.1	8.7	14.6	22.5	35.3	76.2
1991	3.3	0.9	1.6	2.6	4.7	8.8	12.9	21.0	32.5	72.3
1990	3.3	1.0	1.7	2.9	4.9	8.0	14.3	21.5	33.5	72.2
1989	3.3	0.8	1.8	3.0	5.4	8.0	14.2	21.6	32.8	68.6
1988	3.1	0.8	1.7	2.9	4.7	8.5	13.7	19.8	29.1	65.9
1987	3.0	0.9	1.7	2.5	5.3	8.5	13.9	19.6	27.7	60.7
1986	3.0	0.9	1.5	2.6	5.4	8.8	13.2	20.4	30.1	59.6
1985	2.9	1.0	1.8	3.1	5.2	8.5	13.3	19.5	27.6	57.3
1984	2.8	0.9	2.0	3.0	5.4	8.7	12.4	19.0	26.1	55.7
1983	2.7	0.9	1.7	3.3	5.5	8.1	12.5	18.3	27.0	53.0
1982	2.6	1.0	1.8	3.1	5.2	8.6	12.9	16.9	26.6	47.5
1981	2.6	1.0	1.7	3.5	5.1	8.5	12.8	16.8	24.6	49.3
1980	2.6	1.3	2.0	3.1	5.3	8.4	11.7	16.8	26.6	47.5
1979	2.4	1.1	2.0	3.2	5.3	8.2	11.1	15.7	24.1	44.7
Other diseases of arteries, arterioles and capillaries (442-448)										
All races, male										
1998	3.7	1.1	1.6	3.5	6.2	10.8	18.0	30.4	49.4	96.4
1997	3.6	0.9	1.7	3.1	7.0	11.0	19.7	30.3	45.5	90.2
1996	3.6	1.1	1.6	3.0	6.7	10.9	19.7	30.1	46.6	91.4
1995	3.4	0.9	1.4	2.7	6.5	11.6	18.6	29.9	44.8	86.9
1994	3.4	0.9	1.9	2.8	6.4	11.3	17.6	30.4	44.5	89.6
1993	3.4	0.9	1.4	3.5	6.3	11.2	17.8	28.1	48.9	89.4
1992	3.3	0.8	1.4	2.9	6.2	11.2	19.1	29.3	41.0	83.9
1991	3.1	1.1	1.8	3.1	5.8	10.7	16.1	27.0	42.0	78.3
1990	3.1	0.9	1.9	3.5	5.9	9.7	19.0	28.9	41.3	76.2
1989	3.1	0.9	1.9	3.5	7.0	10.3	18.5	26.1	42.6	75.7
1988	2.8	0.7	1.8	3.3	6.1	10.4	17.9	26.2	34.4	66.8
1987	2.9	0.9	1.8	2.9	6.8	11.3	18.2	26.6	37.6	66.7
1986	2.9	0.9	1.6	3.3	6.8	11.8	18.9	26.4	34.5	58.9
1985	2.9	0.9	2.1	3.7	6.8	11.2	19.0	26.5	38.9	62.7
1984	2.8	1.0	2.3	3.7	7.1	11.5	16.9	24.7	33.1	62.0
1983	2.8	1.0	2.0	3.9	7.6	11.3	16.9	25.2	36.3	57.5
1982	2.7	1.1	2.1	3.6	7.1	11.5	18.5	22.9	34.3	52.7
1981	2.7	1.0	2.1	4.2	6.7	11.8	17.4	24.2	31.8	54.9
1980	2.7	1.4	2.7	3.9	7.2	11.5	15.4	23.8	32.5	52.2
1979	2.6	1.0	2.5	3.9	7.1	11.3	16.0	21.5	33.2	51.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of arteries, arterioles and capillaries (442-448)										
All races, female										
1998	4.6	1.0	1.6	2.7	4.4	8.1	13.7	21.9	33.8	86.5
1997	4.5	1.0	1.4	2.6	5.2	8.1	13.6	21.6	34.7	83.6
1996	4.4	0.9	1.3	2.2	4.6	7.9	13.3	21.1	32.8	86.0
1995	4.2	1.0	1.5	2.8	4.2	7.7	12.6	19.8	32.8	79.7
1994	4.2	1.0	1.2	2.6	4.7	7.6	12.5	20.0	34.1	78.6
1993	3.9	1.0	1.7	2.6	3.8	7.4	12.2	19.5	30.6	74.6
1992	3.8	1.1	1.5	3.0	4.2	6.7	11.2	18.0	32.2	73.3
1991	3.5	0.8	1.5	2.1	3.8	7.2	10.5	17.1	27.5	70.1
1990	3.5	1.1	1.6	2.3	4.1	6.6	10.8	16.7	29.4	70.7
1989	3.4	0.7	1.7	2.5	4.0	6.1	11.1	18.6	27.7	65.8
1988	3.3	0.9	1.7	2.5	3.6	6.9	10.6	15.8	26.3	65.5
1987	3.0	0.8	1.6	2.1	4.0	6.2	10.7	15.1	22.6	58.4
1986	3.1	1.0	1.4	2.0	4.2	6.4	9.1	16.6	27.9	59.8
1985	2.8	1.0	1.4	2.6	3.8	6.3	9.2	15.1	21.8	55.1
1984	2.8	0.9	1.7	2.5	3.9	6.4	9.1	15.3	22.4	53.2
1983	2.6	0.8	1.5	2.7	3.6	5.6	9.3	14.0	22.2	51.1
1982	2.5	1.0	1.6	2.6	3.6	6.3	8.9	13.2	22.6	45.3
1981	2.5	1.0	1.3	2.9	3.7	5.8	9.4	12.1	20.7	46.9
1980	2.4	1.3	1.4	2.4	3.6	5.9	9.0	12.5	23.5	45.4
1979	2.3	1.1	1.5	2.5	3.8	5.7	7.6	12.0	19.2	41.7
Other diseases of arteries, arterioles and capillaries (442-448)										
White, both sexes										
1998	4.3	0.9	1.5	2.7	4.9	9.1	14.9	24.7	38.4	87.6
1997	4.2	0.8	1.3	2.4	5.6	8.9	15.6	24.7	37.7	84.9
1996	4.2	0.9	1.3	2.4	5.3	8.9	15.5	24.1	37.3	87.3
1995	4.0	0.9	1.4	2.6	5.1	9.3	14.6	23.8	36.7	80.9
1994	3.9	0.8	1.4	2.4	5.1	8.6	14.3	23.3	36.8	79.7
1993	3.8	0.8	1.3	2.6	4.8	8.8	14.2	22.5	36.1	77.5
1992	3.7	0.8	1.3	2.8	5.0	8.3	14.2	22.1	34.8	75.4
1991	3.4	0.8	1.4	2.4	4.5	8.4	12.6	20.7	32.2	71.4
1990	3.4	0.9	1.5	2.7	4.8	7.9	13.8	21.1	32.8	70.8
1989	3.4	0.7	1.5	2.6	5.2	7.7	13.9	21.1	32.4	68.2
1988	3.2	0.7	1.6	2.8	4.5	8.3	13.4	19.7	28.3	65.8
1987	3.1	0.8	1.5	2.4	5.1	8.1	13.5	19.2	27.4	60.4
1986	3.1	0.7	1.3	2.4	5.1	8.5	13.0	20.2	29.6	59.9
1985	3.0	0.9	1.6	3.0	5.0	8.2	13.1	19.2	27.1	58.0
1984	2.9	0.8	1.8	2.9	5.0	8.7	12.0	19.0	25.8	55.5
1983	2.8	0.9	1.7	3.0	5.3	8.0	12.2	18.2	26.9	53.0
1982	2.7	0.9	1.7	2.9	4.9	8.2	12.7	17.0	26.3	48.1
1981	2.7	1.0	1.6	3.3	4.8	8.4	12.9	16.9	24.5	50.0
1980	2.6	1.2	2.0	3.0	5.0	8.2	11.4	16.7	26.1	47.8
1979	2.5	1.0	1.9	3.0	5.4	8.2	11.1	15.8	23.8	45.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of arteries, arterioles and capillaries (442-448)										
White, male										
1998	3.8	0.9	1.5	3.0	6.0	10.2	17.8	29.7	48.2	94.4
1997	3.7	0.7	1.5	2.7	6.6	10.7	19.1	29.9	44.3	89.4
1996	3.8	1.0	1.4	2.8	6.4	10.5	19.1	29.5	46.3	92.0
1995	3.7	0.9	1.5	2.4	6.3	11.3	18.5	29.8	44.9	88.3
1994	3.5	0.8	1.8	2.5	6.1	10.9	17.1	28.9	43.4	90.5
1993	3.5	0.7	1.2	3.1	6.1	10.7	17.7	27.7	47.2	88.1
1992	3.4	0.8	1.3	2.9	5.8	10.5	18.8	28.8	40.8	84.8
1991	3.2	0.9	1.7	3.0	5.7	10.3	16.0	26.9	42.3	77.0
1990	3.2	0.9	1.7	3.3	5.8	9.6	18.2	28.3	40.3	75.9
1989	3.2	0.9	1.6	3.1	7.0	9.8	18.2	26.0	41.8	76.4
1988	3.0	0.7	1.6	3.2	5.8	10.3	17.5	26.2	33.2	68.5
1987	3.0	0.8	1.6	2.9	6.6	10.7	17.7	25.9	37.2	67.3
1986	3.0	0.7	1.5	3.1	6.5	11.2	19.1	26.0	34.3	59.8
1985	3.1	0.9	1.9	3.6	6.4	10.9	18.8	26.5	38.5	64.1
1984	2.9	0.8	2.2	3.6	6.6	11.6	16.4	25.2	33.0	62.4
1983	2.9	1.0	1.9	3.7	7.4	11.3	16.5	25.2	36.5	57.0
1982	2.8	0.9	1.9	3.4	6.8	10.8	18.3	23.7	34.9	52.9
1981	2.8	1.0	2.0	4.1	6.6	11.9	17.8	24.7	31.7	55.4
1980	2.7	1.3	2.7	3.8	6.8	11.3	15.1	23.7	31.3	52.0
1979	2.7	1.0	2.4	3.8	7.1	11.3	16.0	21.8	32.7	52.5
Other diseases of arteries, arterioles and capillaries (442-448)										
White, female										
1998	4.8	0.8	1.6	2.4	4.0	8.1	12.6	21.2	32.7	84.9
1997	4.7	0.9	1.1	2.2	4.6	7.4	12.8	21.2	33.9	83.2
1996	4.6	0.8	1.2	2.1	4.3	7.5	12.6	20.5	32.1	85.5
1995	4.4	0.9	1.4	2.7	4.0	7.5	11.6	19.6	32.1	78.1
1994	4.3	0.8	1.1	2.4	4.2	6.7	12.2	19.5	33.2	75.7
1993	4.1	0.8	1.4	2.2	3.6	7.2	11.6	19.0	30.1	73.5
1992	4.0	0.8	1.3	2.6	4.2	6.5	10.8	17.6	31.6	71.8
1991	3.6	0.8	1.2	1.9	3.4	6.8	10.1	16.6	26.9	69.4
1990	3.7	0.9	1.4	2.2	4.0	6.5	10.6	16.5	28.9	68.8
1989	3.5	0.6	1.5	2.2	3.7	6.1	10.6	18.0	27.4	65.1
1988	3.4	0.7	1.5	2.4	3.4	6.7	10.4	15.5	25.7	64.7
1987	3.1	0.8	1.4	2.0	3.9	6.0	10.4	14.9	22.3	57.8
1986	3.2	0.8	1.2	1.7	3.9	6.3	8.6	16.5	27.1	59.9
1985	2.9	0.9	1.3	2.4	3.7	6.0	8.9	14.6	21.1	55.6
1984	2.9	0.8	1.5	2.3	3.6	6.2	8.9	15.1	22.0	52.8
1983	2.7	0.8	1.4	2.4	3.5	5.3	9.0	13.8	21.9	51.4
1982	2.6	0.8	1.5	2.4	3.2	6.1	8.7	12.9	21.9	46.1
1981	2.5	0.9	1.2	2.7	3.3	5.6	9.3	12.1	20.8	47.8
1980	2.5	1.2	1.4	2.2	3.4	5.7	8.8	12.3	23.4	45.9
1979	2.3	1.1	1.4	2.4	3.9	5.7	7.6	12.0	19.1	42.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of arteries, arterioles and capillaries (442-448)										
All other, both sexes										
1998	3.3	2.0	2.1	5.3	7.2	11.1	21.1	31.4	50.4	105.8
1997	3.2	1.5	3.0	5.0	9.3	12.9	21.8	28.9	47.7	90.6
1996	3.1	1.8	2.5	3.8	7.3	11.6	21.6	30.6	42.9	89.6
1995	2.8	1.3	1.9	3.9	6.8	11.3	20.1	25.2	41.6	89.3
1994	3.1	1.9	2.3	4.4	7.9	14.1	18.2	32.6	47.2	100.8
1993	3.0	2.2	2.9	5.3	6.3	11.9	17.5	26.7	46.8	91.1
1992	2.8	1.9	2.6	4.2	6.5	11.7	17.8	26.6	39.9	84.8
1991	2.7	1.6	2.7	3.6	6.8	12.1	15.5	24.2	35.7	81.8
1990	2.7	1.9	3.0	3.8	5.9	9.2	18.5	25.0	40.8	87.5
1989	2.6	1.2	3.3	5.4	6.5	10.3	17.6	25.5	37.4	73.0
1988	2.4	1.4	2.8	3.6	6.4	9.9	15.7	21.1	37.5	66.5
1987	2.4	1.2	2.8	3.2	6.7	11.7	17.5	23.8	31.8	63.8
1986	2.5	1.9	2.5	4.3	8.0	11.3	15.1	22.1	36.0	56.3
1985	2.3	1.4	3.0	4.1	7.3	11.6	15.8	22.3	33.8	48.9
1984	2.3	1.7	2.9	4.0	8.7	8.9	15.5	18.6	28.9	58.1
1983	2.2	*	1.9	5.4	6.7	9.5	15.7	20.0	28.6	52.4
1982	2.2	1.9	2.5	4.5	8.1	12.5	14.9	15.8	29.8	41.5
1981	2.0	1.6	2.5	5.0	7.4	8.8	11.8	15.4	25.3	41.6
1980	2.2	2.2	1.9	4.2	7.6	9.8	14.3	18.1	32.3	44.6
1979	1.9	1.4	2.8	4.2	4.9	8.4	11.6	15.0	27.2	33.3
Other diseases of arteries, arterioles and capillaries (442-448)										
All other, male										
1998	3.0	2.1	2.3	6.2	7.1	14.7	20.4	37.0	62.4	115.7
1997	2.9	1.7	2.9	5.8	9.8	13.2	25.3	34.5	58.2	97.8
1996	2.8	2.0	2.8	4.6	8.8	13.7	25.8	36.4	49.3	86.3
1995	2.4	*	*	4.6	8.1	14.2	19.3	30.8	43.9	73.2
1994	2.7	1.8	2.5	4.7	8.1	14.5	22.4	44.9	56.4	81.7
1993	2.8	2.4	*	5.7	7.7	15.9	18.8	31.7	66.7	101.8
1992	2.5	*	2.5	*	9.5	17.2	22.4	33.7	43.1	75.3
1991	2.4	*	*	4.2	7.3	14.5	17.6	28.2	39.4	90.4
1990	2.5	*	3.2	4.8	6.7	10.9	26.9	35.3	51.8	78.6
1989	2.4	*	3.8	6.7	6.9	15.0	20.9	27.0	49.6	69.1
1988	2.2	*	*	4.4	8.5	11.3	21.2	26.0	45.3	50.6
1987	2.5	*	*	3.4	8.6	16.7	23.5	33.5	42.0	61.0
1986	2.4	*	*	5.3	9.7	17.1	16.8	29.5	36.1	50.7
1985	2.3	*	3.6	4.1	10.4	14.8	20.7	26.2	42.3	49.3
1984	2.2	*	*	4.1	11.4	9.9	22.0	20.8	33.7	58.3
1983	2.3	*	*	5.7	9.2	12.0	20.8	24.9	34.0	62.3
1982	2.2	*	3.6	5.6	9.7	18.0	19.7	15.2	27.7	50.7
1981	2.0	*	*	5.0	8.2	10.5	13.8	19.4	33.0	50.0
1980	2.3	*	*	5.2	10.9	13.0	17.8	24.6	44.7	54.3
1979	2.1	*	3.7	4.5	6.8	11.1	16.3	19.0	38.4	42.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of arteries, arterioles and capillaries (442-448)										
All other, female										
1998	3.7	1.8	2.0	4.5	7.2	8.3	21.6	27.9	44.0	101.6
1997	3.6	1.4	3.0	4.4	8.9	12.7	19.4	25.3	42.2	87.6
1996	3.3	1.6	2.3	3.1	6.2	10.1	18.7	26.9	39.4	90.9
1995	3.3	1.4	2.3	3.3	5.8	9.1	20.6	21.7	40.3	96.2
1994	3.5	1.9	2.2	4.2	7.8	13.9	15.3	25.0	42.3	109.0
1993	3.2	2.0	3.5	4.8	5.2	9.0	16.7	23.6	36.0	86.5
1992	3.0	2.5	2.6	5.1	4.3	7.6	14.6	22.2	38.2	89.0
1991	2.9	*	3.2	3.1	6.4	10.3	14.1	21.7	33.6	78.0
1990	2.8	2.4	2.8	2.9	5.4	8.0	12.8	18.6	34.7	91.6
1989	2.8	*	2.8	4.3	6.2	6.7	15.4	24.5	30.7	74.4
1988	2.6	*	2.9	3.0	4.8	8.8	11.9	17.9	32.8	74.0
1987	2.4	*	2.8	3.0	5.3	8.0	13.4	17.6	26.0	65.0
1986	2.5	*	*	3.6	6.6	6.9	14.0	17.3	36.0	59.0
1985	2.4	*	*	4.0	4.9	9.1	12.4	19.7	28.9	48.7
1984	2.3	*	2.9	3.9	6.6	8.2	11.0	17.1	26.2	57.9
1983	2.1	*	*	5.1	4.7	7.5	12.1	16.7	25.5	47.5
1982	2.1	*	*	3.6	6.9	8.4	11.5	16.1	31.2	36.8
1981	2.0	*	*	5.0	6.7	7.5	10.3	12.7	20.7	37.0
1980	2.0	*	*	3.3	5.0	7.3	11.7	13.7	24.7	39.6
1979	1.7	*	*	3.9	*	6.4	8.0	12.0	20.3	28.9
Other diseases of arteries, arterioles and capillaries (442-448)										
Black, both sexes										
1998	4.2	2.7	2.7	7.0	8.6	13.5	25.3	36.8	55.5	118.9
1997	4.0	2.0	3.8	5.8	11.3	15.8	26.0	34.4	54.0	100.1
1996	3.8	2.5	3.2	4.8	8.9	15.1	25.8	35.3	49.4	100.4
1995	3.5	1.6	2.5	4.7	8.3	13.7	23.6	30.0	48.6	97.6
1994	3.8	2.5	2.9	4.9	9.1	16.9	22.0	37.5	51.1	112.9
1993	3.7	2.9	3.6	6.3	7.2	14.1	20.8	30.1	50.9	100.1
1992	3.4	2.3	3.1	5.0	7.9	14.0	21.0	30.1	44.9	91.8
1991	3.3	2.1	3.6	4.2	8.2	14.1	18.2	27.7	40.9	90.8
1990	3.3	2.3	3.8	4.3	7.3	10.1	21.6	28.3	45.1	96.1
1989	3.2	1.7	3.9	6.7	7.4	11.8	20.5	28.8	41.8	79.5
1988	2.9	1.6	3.4	4.3	7.2	11.7	17.6	23.3	40.4	72.4
1987	2.9	1.5	3.5	3.5	8.1	13.2	19.2	26.3	34.6	70.2
1986	2.9	2.3	3.0	5.1	9.1	13.2	17.3	23.2	39.2	61.7
1985	2.7	1.6	3.8	4.6	8.6	13.1	17.3	24.4	35.9	51.8
1984	2.6	2.1	3.2	4.5	10.2	10.1	17.3	20.6	31.4	60.5
1983	2.5	*	2.0	5.9	7.8	10.6	17.2	21.0	29.5	52.2
1982	2.5	2.4	2.7	4.9	9.3	13.7	16.5	16.9	32.6	44.9
1981	2.3	1.8	2.7	5.5	8.1	9.7	12.6	16.9	27.8	43.5
1980	2.4	2.7	2.1	4.5	8.7	10.7	15.4	19.6	34.5	47.2
1979	2.1	1.7	3.1	4.7	5.1	9.4	13.1	15.2	28.9	36.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of arteries, arterioles and capillaries (442-448)										
Black, male										
1998	3.7	3.0	2.8	8.3	9.2	17.8	26.4	45.4	70.3	137.5
1997	3.6	2.1	3.7	7.1	12.1	17.0	32.6	42.1	70.2	118.1
1996	3.5	2.7	3.6	6.1	11.2	17.8	32.3	42.3	59.3	99.2
1995	2.9	*	*	6.1	9.9	17.7	22.2	37.0	51.3	83.5
1994	3.4	2.5	*	5.6	9.7	17.1	28.1	54.5	61.9	98.4
1993	3.5	3.2	*	7.7	9.1	19.3	22.6	36.4	74.4	115.8
1992	3.1	*	*	*	11.5	20.7	26.8	39.8	50.1	84.1
1991	2.9	*	*	4.7	9.2	16.5	20.6	32.3	46.8	104.4
1990	3.1	*	4.0	5.9	8.4	12.5	32.0	41.4	60.0	93.6
1989	2.9	*	4.6	8.2	8.1	17.4	25.4	29.8	54.6	72.7
1988	2.7	*	*	5.2	9.3	14.2	23.6	29.9	45.7	58.5
1987	3.0	*	*	*	10.6	18.7	26.9	37.1	44.6	64.1
1986	2.9	*	*	5.9	11.8	20.1	19.4	32.0	38.9	58.7
1985	2.7	*	4.6	4.8	12.3	17.1	22.8	28.8	42.5	56.5
1984	2.6	*	*	4.6	13.7	11.6	25.7	24.6	35.7	59.0
1983	2.6	*	*	6.5	10.9	13.4	23.0	26.1	34.1	63.3
1982	2.5	*	4.0	6.1	11.3	19.5	21.5	16.8	30.0	55.2
1981	2.3	*	*	5.7	9.2	11.7	14.6	22.2	37.7	51.8
1980	2.7	*	*	5.6	12.7	13.8	19.6	26.2	48.0	60.4
1979	2.3	*	4.0	5.1	7.0	12.4	19.0	19.3	40.3	48.1
Other diseases of arteries, arterioles and capillaries (442-448)										
Black, female										
1998	4.5	2.5	2.7	6.0	8.2	10.3	24.5	31.6	48.3	111.9
1997	4.4	2.0	3.9	4.7	10.7	14.9	21.7	29.8	46.2	93.2
1996	4.1	2.3	2.9	3.8	7.1	13.0	21.4	31.1	44.6	100.8
1995	4.1	*	3.1	3.6	7.1	10.8	24.5	25.8	47.2	103.1
1994	4.3	2.4	2.7	4.3	8.6	16.8	17.9	27.6	45.8	118.6
1993	3.8	2.6	4.2	5.3	5.7	10.2	19.6	26.5	39.2	93.9
1992	3.7	3.0	3.2	5.9	5.2	9.1	17.2	24.6	42.3	94.9
1991	3.7	*	4.0	3.8	7.5	12.4	16.6	25.0	38.0	85.2
1990	3.4	2.9	3.7	*	6.5	8.4	14.8	20.7	37.4	97.2
1989	3.5	*	3.3	5.5	6.9	7.7	17.3	28.2	35.1	83.0
1988	3.1	*	3.5	3.6	5.6	9.9	13.7	19.3	37.6	78.5
1987	2.9	*	3.6	*	6.2	9.2	14.0	19.7	29.2	72.9
1986	3.0	*	*	4.4	7.0	8.1	16.0	17.8	39.4	63.0
1985	2.7	*	*	4.4	5.8	10.2	13.7	21.6	32.3	49.6
1984	2.7	*	*	4.4	7.4	9.0	11.7	18.0	28.9	61.2
1983	2.4	*	*	5.5	5.4	8.6	13.3	17.8	26.9	46.8
1982	2.4	*	*	3.9	7.7	9.5	13.1	17.1	34.1	39.8
1981	2.3	*	*	5.3	7.2	8.2	11.1	13.5	22.0	38.9
1980	2.2	*	*	3.7	5.5	8.3	12.4	15.3	26.4	40.5
1979	2.0	*	*	4.3	*	7.1	8.9	12.3	21.8	30.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of circulatory system (451-459)										
All races, both sexes										
1998	1.6	0.9	1.1	1.8	2.5	3.7	5.5	8.4	12.8	26.4
1997	1.6	0.9	1.3	1.9	2.8	3.6	5.5	8.3	12.5	23.6
1996	1.6	1.0	1.4	2.1	2.7	4.0	5.2	8.3	12.4	23.6
1995	1.6	1.0	1.3	1.8	2.9	4.1	5.4	8.3	12.4	23.9
1994	1.6	1.1	1.2	1.7	2.4	4.0	5.7	8.0	13.4	24.4
1993	1.6	1.0	1.1	2.0	2.9	3.9	5.7	8.2	13.5	25.1
1992	1.6	0.9	1.3	1.7	2.6	4.1	5.7	8.5	12.8	24.8
1991	1.6	1.0	1.4	2.1	3.2	4.2	6.3	8.9	12.9	25.3
1990	1.7	0.9	1.6	2.2	3.3	4.7	6.2	9.4	14.8	26.7
1989	1.7	1.0	1.5	2.4	3.5	4.8	7.1	10.3	14.3	27.0
1988	1.9	1.3	1.7	2.4	3.8	5.4	7.2	10.5	15.6	29.7
1987	2.0	1.2	1.8	2.7	4.3	5.8	7.8	12.1	17.0	28.3
1986	1.9	1.4	2.0	2.9	4.4	5.5	7.8	10.6	16.3	27.9
1985	2.0	1.5	2.2	2.8	4.3	6.0	8.8	11.4	17.5	27.8
1984	2.0	1.4	2.0	3.2	4.3	6.1	8.1	12.1	16.8	28.6
1983	2.2	1.4	2.4	3.2	4.8	6.3	8.9	13.0	18.7	31.3
1982	2.0	1.5	1.8	3.0	4.6	6.3	8.3	11.6	18.4	30.1
1981	2.0	1.4	2.3	3.5	4.5	6.7	8.8	12.3	17.6	26.6
1980	2.1	1.6	2.3	3.3	4.8	6.5	8.6	13.4	17.5	31.1
1979	2.1	1.6	2.6	3.3	4.5	6.7	9.4	12.6	18.6	29.9
Other disorders of circulatory system (451-459)										
All races, male										
1998	1.4	1.1	1.3	2.1	3.0	3.9	6.7	8.8	13.7	25.8
1997	1.5	1.1	1.6	2.2	3.2	4.2	6.3	9.8	13.1	25.4
1996	1.5	1.2	1.4	2.4	3.2	4.7	6.2	8.7	13.0	24.3
1995	1.5	1.2	1.6	2.2	3.1	5.0	6.5	9.2	14.5	24.3
1994	1.5	1.4	1.4	1.9	2.5	4.4	7.0	9.0	14.6	26.9
1993	1.5	1.0	1.4	2.5	3.5	5.1	6.5	9.3	16.0	27.5
1992	1.5	1.2	1.4	2.0	3.4	4.8	6.7	10.5	16.0	27.3
1991	1.6	1.1	1.7	2.8	4.0	5.2	7.9	10.6	16.4	25.3
1990	1.7	1.1	1.7	2.7	4.0	6.2	7.5	11.0	17.0	27.9
1989	1.7	1.2	2.1	3.0	4.5	6.1	8.7	11.6	15.3	27.1
1988	1.9	1.6	2.2	3.2	4.7	6.7	8.9	13.6	18.3	32.7
1987	2.0	1.5	2.3	3.4	5.9	7.0	9.3	14.2	20.3	31.1
1986	2.0	1.8	2.3	3.7	5.5	7.5	9.7	13.5	18.9	35.6
1985	2.1	1.7	2.7	3.7	5.6	7.4	10.8	12.8	20.0	30.2
1984	2.1	1.7	2.8	4.2	5.6	7.9	11.1	13.8	20.6	35.1
1983	2.2	1.8	2.9	4.1	6.2	8.2	10.4	16.0	21.8	34.3
1982	2.1	2.0	2.2	4.0	6.0	8.0	10.7	14.1	22.3	33.6
1981	2.1	1.6	3.0	4.5	5.9	8.3	10.9	15.0	20.9	30.5
1980	2.2	1.9	2.9	4.4	6.2	8.2	10.5	16.2	19.7	35.1
1979	2.2	1.8	3.3	4.5	6.1	8.3	11.8	14.8	21.0	34.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of circulatory system (451-459)										
All races, female										
1998	1.7	0.7	1.0	1.5	2.2	3.4	4.5	8.2	12.3	26.7
1997	1.6	0.7	1.0	1.6	2.4	3.1	4.8	7.2	12.1	23.0
1996	1.7	0.8	1.3	1.7	2.3	3.4	4.4	8.0	12.1	23.4
1995	1.7	0.8	1.1	1.5	2.7	3.3	4.6	7.7	11.2	23.7
1994	1.6	0.8	1.0	1.5	2.3	3.6	4.7	7.3	12.8	23.4
1993	1.6	0.9	0.9	1.5	2.4	2.8	5.1	7.4	12.2	24.2
1992	1.6	0.7	1.3	1.5	1.9	3.5	5.0	7.1	11.1	23.8
1991	1.7	0.9	1.1	1.5	2.5	3.4	5.0	7.8	11.0	25.3
1990	1.7	0.7	1.4	1.7	2.7	3.5	5.3	8.4	13.6	26.2
1989	1.8	0.8	1.1	1.8	2.6	3.7	6.0	9.4	13.7	27.0
1988	1.8	1.0	1.2	1.6	3.0	4.3	5.9	8.5	14.2	28.5
1987	2.0	0.9	1.5	2.0	2.8	4.9	6.8	10.8	15.3	27.2
1986	1.9	1.1	1.7	2.2	3.4	3.9	6.5	8.8	15.0	24.9
1985	2.0	1.3	1.7	2.1	3.2	4.8	7.4	10.6	16.2	26.8
1984	1.9	1.1	1.2	2.3	3.2	4.6	5.9	11.0	14.8	26.0
1983	2.1	1.0	1.8	2.4	3.6	4.7	7.8	11.2	17.0	30.1
1982	1.9	0.9	1.5	2.1	3.3	4.9	6.6	10.0	16.3	28.6
1981	2.0	1.3	1.7	2.6	3.3	5.4	7.3	10.7	15.8	24.9
1980	2.1	1.3	1.8	2.2	3.7	5.2	7.2	11.6	16.3	29.4
1979	2.0	1.3	1.9	2.2	3.1	5.4	7.6	11.1	17.3	27.7
Other disorders of circulatory system (451-459)										
White, both sexes										
1998	1.6	0.7	1.0	1.6	2.3	3.4	5.2	8.0	12.3	25.9
1997	1.6	0.7	1.2	1.7	2.5	3.3	5.2	7.9	12.1	23.4
1996	1.6	0.9	1.2	1.9	2.5	3.7	4.9	8.2	12.2	23.6
1995	1.6	0.8	1.2	1.7	2.5	3.7	5.1	8.0	11.9	23.8
1994	1.5	0.9	1.0	1.5	2.1	3.7	5.5	7.6	13.0	24.0
1993	1.6	0.8	1.0	1.7	2.6	3.7	5.6	7.7	13.4	25.5
1992	1.5	0.7	1.1	1.5	2.3	3.9	5.6	8.3	12.5	24.5
1991	1.6	0.8	1.2	1.8	3.0	4.0	6.0	8.2	12.4	25.1
1990	1.7	0.8	1.3	1.9	2.9	4.3	6.0	9.1	14.6	26.3
1989	1.7	0.7	1.2	2.1	3.2	4.3	6.6	9.9	14.0	26.5
1988	1.8	1.1	1.4	2.2	3.5	4.8	6.8	10.1	15.5	29.4
1987	1.9	1.0	1.5	2.4	3.8	5.4	7.5	11.4	17.0	27.6
1986	1.9	1.3	1.7	2.6	3.9	5.4	7.7	10.2	15.9	27.7
1985	2.0	1.4	1.9	2.5	4.0	5.5	8.3	11.1	16.9	27.3
1984	2.0	1.2	1.7	2.9	4.1	5.9	7.8	11.8	16.4	28.3
1983	2.1	1.3	2.1	2.8	4.3	6.0	8.4	12.6	18.1	31.5
1982	2.0	1.2	1.6	2.8	4.1	6.0	7.8	11.1	18.2	29.9
1981	2.0	1.3	2.0	3.2	4.2	6.6	8.3	12.0	17.6	27.0
1980	2.1	1.4	2.0	2.9	4.6	6.3	8.3	13.0	17.0	31.2
1979	2.1	1.4	2.4	2.9	4.3	6.1	9.2	12.0	17.9	30.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of circulatory system (451-459)										
White, male										
1998	1.4	0.9	1.2	2.0	2.6	3.7	6.5	8.8	13.0	25.7
1997	1.5	0.9	1.5	2.0	2.9	3.8	6.0	9.5	12.7	25.2
1996	1.4	1.1	1.2	2.2	2.9	4.5	5.9	8.6	12.4	24.0
1995	1.4	1.0	1.4	2.0	2.6	4.6	6.1	8.9	13.9	23.5
1994	1.4	1.1	1.2	1.8	2.2	4.0	6.6	8.3	13.8	26.5
1993	1.5	0.9	1.2	2.2	3.0	4.9	6.2	8.7	15.9	28.5
1992	1.5	0.9	1.2	1.6	3.1	4.7	6.5	10.4	15.5	26.6
1991	1.6	0.9	1.4	2.4	3.8	4.9	7.8	9.7	16.1	25.8
1990	1.6	0.9	1.3	2.3	3.6	5.5	7.1	10.8	16.9	27.1
1989	1.7	0.9	1.6	2.6	4.1	5.4	8.2	11.3	15.4	26.8
1988	1.8	1.3	1.8	3.0	4.2	5.9	8.4	13.1	18.3	33.0
1987	1.9	1.2	1.8	2.9	5.4	6.4	9.1	13.8	19.9	30.5
1986	2.0	1.6	2.0	3.2	5.0	7.2	9.5	12.7	17.8	35.8
1985	2.0	1.7	2.4	3.3	5.1	6.9	10.4	12.6	18.8	29.2
1984	2.1	1.4	2.4	3.9	5.5	7.9	10.6	13.3	20.2	35.1
1983	2.1	1.7	2.5	3.6	5.5	7.9	9.8	15.6	21.0	34.1
1982	2.1	1.7	2.0	3.8	5.2	7.8	10.0	13.8	21.8	34.3
1981	2.1	1.4	2.5	4.1	5.6	8.2	10.8	14.5	20.9	31.6
1980	2.1	1.7	2.6	3.9	5.7	8.1	10.2	15.6	19.2	34.0
1979	2.2	1.5	3.0	4.1	5.8	7.5	11.4	14.2	20.6	35.5
Other disorders of circulatory system (451-459)										
White, female										
1998	1.7	0.5	0.8	1.2	1.9	3.1	4.2	7.5	11.9	26.1
1997	1.7	0.5	0.9	1.5	2.1	2.9	4.6	6.8	11.7	22.7
1996	1.7	0.8	1.2	1.6	2.1	3.1	4.1	8.0	12.0	23.5
1995	1.7	0.7	0.9	1.3	2.4	2.9	4.4	7.4	10.8	24.0
1994	1.7	0.6	0.9	1.3	2.0	3.4	4.6	7.1	12.5	23.1
1993	1.7	0.8	0.7	1.3	2.2	2.8	5.0	7.0	12.0	24.3
1992	1.6	0.5	1.1	1.3	1.6	3.2	4.9	6.9	10.9	23.6
1991	1.7	0.8	0.9	1.3	2.3	3.2	4.6	7.3	10.5	24.8
1990	1.8	0.6	1.2	1.6	2.3	3.3	5.2	8.0	13.3	25.9
1989	1.8	0.6	0.9	1.7	2.4	3.4	5.4	9.0	13.3	26.4
1988	1.8	0.8	1.0	1.4	2.8	4.0	5.7	8.2	14.0	28.0
1987	2.0	0.7	1.3	1.9	2.4	4.7	6.3	9.8	15.4	26.4
1986	1.9	0.9	1.4	2.1	3.0	3.9	6.3	8.6	14.8	24.5
1985	2.0	1.1	1.4	1.7	3.1	4.4	6.8	10.1	15.9	26.6
1984	1.9	1.0	1.0	2.1	2.9	4.4	5.7	10.8	14.4	25.7
1983	2.1	1.0	1.6	2.1	3.3	4.5	7.4	10.6	16.6	30.5
1982	1.9	0.7	1.2	2.0	3.1	4.5	6.2	9.5	16.3	28.1
1981	2.0	1.2	1.5	2.4	3.0	5.3	6.5	10.5	15.9	25.1
1980	2.1	1.1	1.4	2.0	3.6	4.9	6.9	11.4	15.8	30.0
1979	2.0	1.3	1.7	1.8	2.9	5.0	7.6	10.7	16.4	28.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of circulatory system (451-459)										
All other, both sexes										
1998	1.7	1.7	1.9	3.1	4.2	5.5	7.6	12.1	17.9	31.2
1997	1.6	2.0	1.8	2.9	4.6	6.0	7.6	11.7	16.6	25.9
1996	1.5	1.4	2.1	2.9	4.3	5.6	7.7	9.2	14.7	23.6
1995	1.6	1.8	2.2	2.9	5.5	7.0	8.0	10.9	17.5	24.3
1994	1.6	2.4	2.2	3.0	4.2	6.0	7.5	12.1	18.4	28.0
1993	1.5	1.8	2.2	3.3	5.0	4.9	7.1	12.4	15.2	21.6
1992	1.6	2.1	2.6	3.4	4.8	5.4	7.3	10.2	15.9	28.4
1991	1.7	1.8	2.8	3.9	4.6	6.0	8.6	15.3	17.4	27.7
1990	1.8	2.0	3.4	3.8	6.1	8.4	8.0	12.5	17.2	31.1
1989	1.9	2.6	3.5	4.0	5.3	8.4	12.0	13.5	16.8	32.0
1988	2.0	3.1	3.5	3.7	6.3	9.8	10.2	14.0	17.2	33.5
1987	2.2	2.5	3.9	5.1	7.8	9.4	10.7	19.1	17.5	35.8
1986	2.1	2.6	4.1	5.1	8.0	6.6	9.2	14.8	21.2	30.3
1985	2.3	2.1	4.1	5.6	7.2	9.9	13.6	14.8	24.6	32.7
1984	2.1	2.6	3.7	5.1	6.3	7.4	11.4	15.4	21.6	31.3
1983	2.3	1.9	4.5	6.4	8.5	8.5	13.1	17.7	25.2	29.3
1982	2.2	3.2	3.5	4.5	9.2	9.1	12.8	15.8	20.2	32.0
1981	2.1	2.5	5.0	6.1	7.0	7.7	13.6	15.4	17.0	21.6
1980	2.3	3.1	4.8	6.0	6.9	8.2	11.5	17.4	23.1	30.1
1979	2.3	2.5	4.3	6.4	7.0	12.3	11.1	17.5	26.8	20.7
Other disorders of circulatory system (451-459)										
All other, male										
1998	1.5	2.1	2.1	3.0	5.3	5.5	9.1	8.5	21.3	27.1
1997	1.6	2.5	2.6	3.9	5.0	7.8	8.8	12.9	17.6	27.3
1996	1.5	1.9	2.7	3.5	5.1	6.4	9.2	10.0	18.7	27.2
1995	1.7	2.1	2.7	3.6	7.3	8.5	9.7	12.0	21.3	32.1
1994	1.7	2.7	2.6	3.1	4.7	7.4	10.4	16.2	22.4	30.4
1993	1.7	2.3	2.8	4.2	7.2	6.8	8.9	15.0	16.3	*
1992	1.7	2.6	2.9	4.2	6.1	5.0	8.6	11.7	20.8	33.7
1991	1.7	2.4	3.3	5.3	5.4	7.3	8.7	18.9	18.9	*
1990	2.0	2.4	4.9	5.5	7.4	12.4	11.3	13.0	17.8	35.6
1989	2.0	3.4	5.1	5.7	7.1	11.7	13.0	14.4	*	29.6
1988	2.2	4.0	4.8	4.7	8.7	13.3	13.5	17.8	18.8	30.4
1987	2.4	3.4	5.6	7.6	10.1	12.6	10.7	17.2	24.1	36.4
1986	2.3	3.0	4.8	7.5	9.7	10.2	11.2	21.0	29.6	33.3
1985	2.4	*	5.0	7.0	10.8	11.9	14.3	15.0	32.7	39.7
1984	2.3	3.8	5.4	6.4	6.8	8.2	16.2	19.3	24.8	34.7
1983	2.6	2.9	5.8	8.3	12.1	10.8	16.0	19.8	29.9	36.2
1982	2.5	4.6	3.9	6.3	13.7	9.6	17.0	16.8	27.7	*
1981	2.3	3.2	6.9	8.0	8.4	9.7	12.4	19.4	*	*
1980	2.6	4.0	5.3	8.5	10.7	9.1	13.4	22.3	25.2	46.1
1979	2.7	4.3	5.8	8.0	9.3	15.5	15.2	20.7	25.6	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of circulatory system (451-459)										
All other, female										
1998	1.8	1.4	1.7	3.3	3.4	5.5	6.5	14.4	16.2	33.0
1997	1.5	1.6	*	2.2	4.2	4.7	6.9	10.9	16.1	25.4
1996	1.5	*	*	2.5	3.7	5.0	6.7	8.7	12.5	22.1
1995	1.6	1.5	*	2.3	4.1	5.9	6.8	10.2	15.5	20.9
1994	1.6	2.1	*	2.9	3.9	4.9	5.6	9.5	16.3	26.9
1993	1.4	*	*	2.5	3.3	3.5	5.9	10.8	14.6	22.9
1992	1.6	1.7	2.4	2.7	3.8	5.7	6.3	9.3	13.2	26.1
1991	1.7	*	2.4	2.7	3.9	5.1	8.6	13.0	16.6	31.2
1990	1.6	*	*	*	5.1	5.5	5.8	12.2	16.9	29.0
1989	1.8	2.0	*	2.7	3.9	5.9	11.3	13.0	17.9	33.0
1988	1.9	2.3	*	3.0	4.5	7.1	7.9	11.5	16.2	34.9
1987	2.1	*	*	3.1	6.0	7.1	10.7	20.2	13.8	35.6
1986	1.8	2.2	3.5	3.1	6.8	3.9	7.9	10.8	16.4	28.8
1985	2.1	2.4	3.3	4.4	4.3	8.4	13.1	14.6	20.0	29.3
1984	1.9	*	*	4.1	5.8	6.9	8.0	12.8	19.8	29.7
1983	2.0	*	3.4	4.8	5.7	6.8	11.1	16.3	22.4	25.9
1982	2.1	*	3.2	3.0	5.7	8.8	9.7	15.1	15.9	34.6
1981	2.0	*	3.6	4.5	5.9	6.2	14.5	12.7	14.7	22.0
1980	2.0	*	4.4	3.9	3.9	7.5	10.0	14.1	21.8	21.9
1979	2.0	*	3.0	5.1	5.1	9.8	8.0	15.1	27.5	*
Other disorders of circulatory system (451-459)										
Black, both sexes										
1998	2.1	2.3	2.6	3.9	5.2	6.9	9.4	14.6	21.6	32.8
1997	2.0	2.6	2.4	3.9	5.8	6.7	9.3	14.0	19.3	29.2
1996	1.8	1.9	2.7	3.8	5.1	6.9	9.3	10.0	13.9	25.7
1995	2.0	2.2	2.8	3.6	6.6	8.0	9.9	12.1	19.3	27.6
1994	2.0	3.2	2.8	3.6	5.2	7.5	9.1	13.8	19.5	29.9
1993	1.9	2.3	2.9	4.2	6.0	5.6	8.6	13.3	16.2	21.3
1992	2.0	2.7	3.1	4.0	5.7	6.4	8.6	11.5	18.2	31.4
1991	2.1	2.3	3.4	4.9	5.5	7.3	10.6	16.6	19.8	29.1
1990	2.2	2.4	4.1	4.4	7.5	9.7	8.8	14.3	17.7	33.7
1989	2.3	2.9	4.3	4.5	6.0	10.0	14.3	15.4	18.8	35.9
1988	2.5	3.8	4.3	4.4	7.6	11.4	11.6	14.8	19.5	35.0
1987	2.7	3.0	4.7	5.9	9.2	11.3	12.9	20.7	19.4	39.9
1986	2.5	3.1	4.8	6.2	9.4	7.4	10.1	16.6	24.3	31.3
1985	2.6	2.6	4.7	6.1	8.0	11.1	14.9	16.5	26.1	33.8
1984	2.4	3.0	4.6	5.7	7.5	7.8	12.6	16.4	23.3	32.6
1983	2.7	2.3	5.2	7.2	9.8	9.1	14.7	19.1	27.3	31.0
1982	2.6	3.7	3.6	5.2	10.6	10.2	13.8	16.5	22.0	33.0
1981	2.5	2.8	5.9	7.0	7.8	8.9	14.5	17.2	19.6	22.6
1980	2.6	3.5	5.4	6.7	7.9	8.3	12.0	18.8	25.5	33.3
1979	2.6	2.8	4.8	7.1	7.5	13.2	11.3	18.7	28.9	21.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of circulatory system (451-459)										
Black, male										
1998	1.9	3.0	2.9	4.2	6.1	7.2	11.8	11.0	26.1	28.7
1997	2.0	3.2	3.5	5.1	6.5	8.0	10.3	15.7	21.9	33.2
1996	1.8	2.5	3.6	4.8	5.7	7.7	11.1	12.1	*	30.1
1995	2.1	2.9	3.7	4.3	9.4	10.1	12.4	12.5	25.2	38.5
1994	2.1	3.7	3.5	*	5.6	9.5	13.1	18.9	25.3	30.6
1993	2.0	2.9	3.7	5.6	8.4	7.0	10.6	17.1	*	*
1992	2.0	3.2	3.5	4.9	6.8	6.0	10.4	12.1	24.5	36.4
1991	2.1	3.2	4.2	6.9	6.4	9.3	11.1	21.7	21.9	*
1990	2.4	*	6.2	6.1	8.8	15.0	12.6	15.1	*	42.3
1989	2.4	3.5	6.5	6.5	7.9	14.0	15.9	15.7	*	36.4
1988	2.7	5.0	6.0	5.6	10.3	16.2	15.6	18.1	22.3	33.8
1987	2.9	4.2	6.9	8.3	12.0	15.0	13.3	18.3	29.3	40.6
1986	2.8	3.8	5.6	9.1	11.6	11.4	12.5	23.8	34.4	36.5
1985	2.9	*	6.0	8.0	12.6	13.3	16.7	17.1	35.6	40.3
1984	2.7	4.3	6.8	7.4	8.1	8.6	18.0	21.0	25.0	36.1
1983	3.0	*	6.5	9.5	13.9	11.3	18.0	21.2	31.7	40.0
1982	2.8	5.7	4.0	7.4	15.9	11.1	19.0	18.0	30.0	*
1981	2.6	*	8.3	9.3	9.4	11.4	13.0	21.5	*	*
1980	2.9	4.6	5.9	9.6	12.2	9.3	14.9	24.2	28.0	50.9
1979	3.0	4.8	6.2	8.9	9.9	16.9	14.6	21.7	27.3	*
Other disorders of circulatory system (451-459)										
Black, female										
1998	2.3	1.8	2.3	3.7	4.5	6.7	7.8	16.8	19.3	34.3
1997	2.0	2.1	*	3.0	5.3	5.7	8.6	13.0	18.1	27.6
1996	1.8	*	*	3.1	4.6	6.3	8.0	8.8	12.2	24.0
1995	1.9	*	*	*	4.5	6.4	8.3	11.8	16.4	23.4
1994	1.9	2.7	*	3.7	4.8	6.0	6.5	10.8	16.6	29.6
1993	1.7	*	*	*	4.1	4.5	7.2	11.2	15.8	22.1
1992	2.0	*	*	3.4	4.8	6.8	7.4	11.2	14.9	29.4
1991	2.1	*	*	*	4.8	5.8	10.3	13.7	18.7	32.8
1990	2.0	*	*	*	6.5	5.8	6.2	13.8	16.8	30.1
1989	2.2	*	*	*	4.5	7.1	13.4	15.3	19.5	35.9
1988	2.2	2.8	*	3.4	5.6	7.8	8.9	12.8	18.0	35.6
1987	2.5	*	*	3.9	7.1	8.6	12.7	22.1	14.0	39.6
1986	2.2	*	4.2	3.9	7.8	4.5	8.5	12.1	18.8	29.0
1985	2.4	3.1	3.6	4.6	4.5	9.5	13.7	16.1	20.9	30.8
1984	2.2	*	*	4.3	7.0	7.2	9.0	13.5	22.4	31.0
1983	2.3	*	4.0	5.3	6.6	7.5	12.5	17.8	24.8	26.6
1982	2.3	*	3.4	3.4	6.5	9.5	10.2	15.5	17.4	35.6
1981	2.3	*	4.0	5.2	6.4	7.1	15.5	14.3	16.7	23.0
1980	2.3	*	4.9	4.4	4.5	7.6	10.0	15.3	24.0	24.5
1979	2.3	*	3.6	5.7	5.6	10.4	8.9	16.5	29.8	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza and pneumonia (480-487)										
All races, both sexes										
1998	33.3	5.1	7.4	12.3	22.1	39.4	80.8	162.1	358.0	1,069.5
1997	31.7	5.5	7.8	12.4	22.3	38.2	76.6	157.9	342.7	1,015.7
1996	31.1	5.5	7.5	12.8	21.3	37.1	77.9	154.7	339.4	1,002.1
1995	31.1	5.6	7.9	11.8	21.1	38.0	78.2	159.9	338.1	1,020.9
1994	31.0	5.6	7.8	11.8	21.8	39.2	76.1	161.2	344.9	1,022.2
1993	31.9	5.4	7.9	12.6	22.9	40.5	78.1	165.3	354.0	1,078.8
1992	29.5	5.2	7.0	12.6	20.3	38.7	74.7	155.2	338.2	1,004.5
1991	30.8	5.6	8.1	12.9	22.5	38.1	77.5	162.3	355.9	1,070.6
1990	32.0	5.7	8.5	13.6	23.5	40.8	82.2	173.9	377.8	1,140.0
1989	31.0	5.8	8.3	13.5	23.0	41.2	79.9	168.8	362.2	1,110.3
1988	31.8	6.2	8.8	14.1	24.2	43.2	83.0	175.1	381.6	1,149.0
1987	28.6	5.7	8.6	12.6	23.2	40.4	79.2	161.8	345.6	1,018.0
1986	29.1	5.9	8.3	13.6	24.2	41.5	81.6	172.4	352.0	1,044.9
1985	28.4	5.7	8.9	13.8	23.7	39.8	81.3	167.5	357.1	1,038.8
1984	25.0	5.2	8.1	12.6	21.5	36.5	75.8	151.5	318.5	893.1
1983	23.9	5.2	8.3	12.7	21.5	36.7	69.8	141.6	309.5	876.6
1982	21.1	5.2	7.8	12.9	20.3	33.6	65.2	129.2	275.0	747.8
1981	23.4	6.1	8.7	14.6	22.6	38.2	70.8	146.7	313.5	848.7
1980	24.1	6.3	9.1	14.6	23.3	40.9	74.7	151.6	331.8	885.7
1979	20.1	5.5	8.6	12.6	20.8	34.2	65.9	126.8	278.4	694.9
Influenza and pneumonia (480-487)										
All races, male										
1998	30.3	6.4	8.9	15.5	27.2	50.1	106.8	212.9	470.4	1,296.8
1997	29.4	7.0	9.6	14.9	27.7	50.1	101.1	210.5	459.7	1,263.8
1996	28.8	7.1	9.4	16.5	26.2	48.5	102.9	206.6	454.9	1,245.0
1995	29.0	7.5	9.9	14.4	27.3	49.5	104.0	214.4	460.3	1,278.3
1994	29.0	7.3	10.0	14.9	27.8	51.4	101.4	217.8	463.1	1,306.5
1993	29.9	6.9	9.9	15.3	29.7	54.2	106.3	228.0	487.9	1,355.4
1992	28.3	7.0	9.0	16.4	26.1	51.7	101.3	216.7	477.7	1,300.8
1991	29.3	7.3	9.9	17.1	29.6	49.7	104.6	225.7	505.6	1,365.6
1990	30.4	7.3	11.3	17.7	31.6	55.2	113.9	242.0	527.9	1,421.5
1989	29.7	7.6	10.8	18.3	31.0	56.3	114.5	233.5	497.4	1,387.8
1988	30.9	8.6	11.7	18.3	33.1	60.7	117.3	251.5	535.7	1,454.7
1987	28.5	7.6	11.4	16.7	31.8	57.2	114.3	232.2	491.4	1,324.2
1986	29.3	7.5	11.2	18.1	34.0	58.1	117.7	252.0	507.7	1,373.2
1985	28.7	7.5	11.7	18.8	33.3	57.3	118.0	244.2	510.0	1,360.3
1984	25.7	6.6	11.3	17.5	30.9	51.6	111.1	223.5	458.2	1,184.6
1983	24.6	6.7	11.0	17.7	30.6	53.3	102.5	206.3	447.3	1,162.7
1982	22.5	7.3	10.3	18.0	28.0	48.8	95.7	195.3	405.1	1,026.9
1981	24.3	7.8	11.3	20.2	31.8	55.0	100.9	212.3	449.5	1,098.3
1980	25.1	8.6	12.4	19.5	32.8	58.4	107.4	216.3	465.7	1,145.4
1979	21.7	7.3	12.1	17.8	28.9	50.9	99.3	183.7	403.3	933.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza and pneumonia (480-487)										
All races, female										
1998	36.2	3.9	5.9	9.4	17.5	30.4	60.7	127.0	293.0	979.1
1997	33.9	4.0	6.1	10.1	17.5	28.2	57.8	121.7	275.9	918.4
1996	33.2	4.0	5.7	9.3	16.8	27.6	58.6	119.2	274.3	907.9
1995	33.2	3.7	6.0	9.3	15.6	28.3	58.4	123.0	270.3	921.7
1994	32.8	4.0	5.7	8.9	16.4	29.1	56.7	123.3	280.2	913.3
1993	33.7	4.0	6.0	10.0	16.8	29.3	56.5	123.6	281.5	973.2
1992	30.7	3.4	5.1	9.1	15.3	28.1	54.6	114.7	263.2	891.4
1991	32.1	3.9	6.5	9.1	16.3	28.7	57.1	120.9	276.1	957.7
1990	33.4	4.2	5.9	9.9	16.4	29.1	58.7	130.0	298.1	1,031.3
1989	32.3	4.1	5.8	9.1	16.0	28.9	54.4	127.3	290.8	1,002.4
1988	32.6	3.9	6.0	10.3	16.6	28.9	57.8	126.4	300.3	1,029.7
1987	28.7	3.9	5.9	8.9	15.7	26.7	53.7	117.2	269.2	897.4
1986	28.9	4.4	5.6	9.5	15.8	28.0	55.4	122.2	270.4	914.7
1985	28.2	3.9	6.3	9.3	15.4	25.6	54.8	119.2	276.9	910.4
1984	24.3	4.0	5.2	8.2	13.4	24.3	50.2	106.3	245.1	775.3
1983	23.2	3.6	5.7	8.3	13.6	23.4	46.2	101.0	236.8	759.4
1982	19.8	3.1	5.5	8.3	13.6	21.4	43.0	87.7	206.4	631.5
1981	22.6	4.5	6.3	9.6	14.7	24.7	49.1	105.5	241.3	742.0
1980	23.2	4.0	6.0	10.2	15.0	26.9	51.0	111.0	260.5	772.2
1979	18.5	3.9	5.4	7.9	13.8	20.9	41.7	91.0	211.4	589.0
Influenza and pneumonia (480-487)										
White, both sexes										
1998	36.0	4.3	6.4	11.2	20.4	37.5	78.3	159.4	357.4	1,091.1
1997	34.2	4.3	6.9	11.1	20.4	36.3	74.2	155.9	343.1	1,036.6
1996	33.4	4.5	6.4	11.2	19.1	35.0	74.7	153.4	337.9	1,021.1
1995	33.4	4.5	6.7	10.1	19.4	35.8	75.2	158.2	337.6	1,041.4
1994	33.3	4.6	6.6	10.4	20.3	36.8	74.2	160.1	346.7	1,044.0
1993	34.1	4.2	7.1	11.0	20.9	38.4	74.8	162.7	354.9	1,103.9
1992	31.5	4.3	5.9	11.1	18.4	36.3	72.2	155.0	339.0	1,027.3
1991	32.7	4.4	6.7	11.3	20.8	35.9	75.2	160.4	356.5	1,094.0
1990	33.9	4.7	7.1	12.0	21.1	38.1	79.8	172.2	379.6	1,167.5
1989	32.7	4.5	6.6	11.5	20.9	38.6	76.6	165.8	364.7	1,136.2
1988	33.8	4.4	7.2	12.1	22.0	40.7	80.5	174.3	387.8	1,187.3
1987	30.2	4.3	7.0	11.1	21.0	38.5	77.6	161.7	347.9	1,046.1
1986	30.6	4.6	6.9	12.0	22.0	39.1	79.5	171.8	354.1	1,073.0
1985	29.9	4.4	7.4	12.1	21.4	37.6	79.4	166.7	358.6	1,071.2
1984	26.2	4.1	6.4	11.0	19.6	34.3	73.5	150.7	320.4	921.0
1983	25.1	4.0	6.9	11.0	19.5	34.9	67.8	141.4	312.4	906.8
1982	22.0	3.6	6.6	11.1	18.3	32.2	62.8	130.4	277.8	772.1
1981	24.4	4.6	7.0	12.5	20.4	35.8	69.0	147.5	316.5	877.1
1980	24.8	4.6	7.4	12.4	21.3	37.9	72.5	149.1	336.1	909.9
1979	20.5	4.3	6.9	10.9	18.8	32.1	63.9	126.1	283.2	715.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza and pneumonia (480-487)										
White, male										
1998	32.1	5.2	7.5	13.8	24.5	46.4	101.9	207.4	466.6	1,318.1
1997	31.1	5.4	8.2	12.9	24.9	47.0	97.7	206.2	457.5	1,285.3
1996	30.1	5.5	7.9	14.2	22.8	45.3	97.2	202.3	449.3	1,260.6
1995	30.4	5.9	8.1	12.0	24.8	45.9	99.4	211.2	457.2	1,299.5
1994	30.5	5.9	8.2	12.6	25.6	48.3	98.2	213.7	461.6	1,333.1
1993	31.3	5.1	8.5	13.0	26.8	50.4	101.8	222.2	486.8	1,385.2
1992	29.5	5.6	7.2	13.6	23.2	48.2	96.6	214.5	476.8	1,331.6
1991	30.5	5.6	8.0	14.7	26.8	46.4	100.8	221.6	504.4	1,393.2
1990	31.4	5.6	9.0	15.3	28.2	50.8	109.3	238.9	526.5	1,456.9
1989	30.4	5.5	8.2	15.3	27.6	51.9	108.3	228.6	500.2	1,422.4
1988	32.0	5.8	9.2	15.1	29.5	57.0	113.5	248.7	544.6	1,507.3
1987	29.3	5.6	9.1	14.1	28.4	54.3	110.4	230.0	494.0	1,362.4
1986	30.1	5.6	9.2	15.5	30.8	54.4	113.8	250.3	510.0	1,406.7
1985	29.4	5.5	9.4	16.2	29.8	53.7	113.6	243.2	511.6	1,406.5
1984	26.2	4.6	8.4	15.1	27.5	48.2	107.1	221.0	462.0	1,226.1
1983	25.1	5.0	9.0	15.1	27.4	50.1	98.6	205.2	448.3	1,206.9
1982	22.9	4.7	8.4	15.6	24.8	46.3	91.3	197.8	410.0	1,062.9
1981	24.5	5.5	8.5	16.9	28.3	51.1	97.3	213.9	453.7	1,134.1
1980	25.1	6.1	9.8	16.4	29.2	53.3	104.4	212.2	471.8	1,172.7
1979	21.7	5.3	9.5	15.3	25.7	47.5	97.0	182.3	410.1	959.0
Influenza and pneumonia (480-487)										
White, female										
1998	39.9	3.3	5.4	8.7	16.6	29.7	59.7	126.0	293.9	1,001.4
1997	37.2	3.2	5.6	9.4	16.3	27.0	55.8	121.1	277.4	939.8
1996	36.5	3.5	5.0	8.4	15.8	26.2	57.3	119.7	274.8	929.0
1995	36.3	3.1	5.4	8.4	14.4	27.3	56.5	122.1	271.0	943.0
1994	35.9	3.5	5.1	8.3	15.5	27.2	55.6	123.8	283.7	934.6
1993	36.8	3.2	5.7	9.2	15.6	28.5	54.0	123.0	283.5	997.9
1992	33.5	3.0	4.6	8.8	14.1	26.4	53.5	115.5	265.1	912.7
1991	34.9	3.2	5.5	8.1	15.4	27.3	55.7	120.3	278.1	981.1
1990	36.3	3.8	5.1	8.9	14.7	27.6	57.7	129.2	302.1	1,057.5
1989	34.9	3.4	5.1	8.0	15.0	27.7	53.0	125.5	293.5	1,027.4
1988	35.4	3.1	5.4	9.2	15.4	27.4	56.1	126.8	305.8	1,064.6
1987	31.1	3.1	5.0	8.2	14.5	25.5	53.5	118.3	271.9	923.6
1986	31.2	3.6	4.7	8.7	14.3	26.6	54.5	122.4	273.0	943.0
1985	30.4	3.3	5.5	8.4	14.0	24.4	54.4	118.7	279.0	939.9
1984	26.1	3.5	4.5	7.4	12.7	23.0	49.1	106.8	246.7	800.1
1983	25.0	3.0	5.0	7.4	12.7	22.5	45.5	101.6	241.5	786.0
1982	21.1	2.5	4.9	7.2	12.7	20.7	42.1	88.4	208.6	653.0
1981	24.2	3.7	5.6	8.6	13.6	23.6	48.7	106.2	244.5	769.6
1980	24.6	3.2	5.1	8.9	14.4	25.5	49.5	109.9	264.7	796.7
1979	19.4	3.4	4.5	7.0	12.8	19.8	40.0	91.3	216.0	608.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza and pneumonia (480-487)										
All other, both sexes										
1998	20.8	9.5	12.7	19.4	32.9	52.7	101.2	185.8	363.1	857.8
1997	19.9	11.8	13.1	20.6	34.4	52.0	97.0	175.5	337.8	809.1
1996	20.3	11.2	13.9	22.1	34.7	52.2	104.4	165.9	354.1	813.5
1995	20.2	12.0	14.8	21.5	32.7	53.6	103.7	175.3	342.5	814.5
1994	19.8	11.3	14.9	20.7	31.5	57.2	92.7	172.0	326.6	799.4
1993	20.8	12.5	13.1	22.2	36.5	56.9	107.1	189.3	344.5	821.3
1992	19.4	10.6	13.8	21.9	33.9	57.9	97.4	156.8	329.7	769.0
1991	20.7	12.6	16.8	23.6	35.5	55.6	98.5	180.0	348.8	825.2
1990	21.8	12.2	17.6	24.3	41.7	63.1	104.7	189.0	358.5	848.5
1989	22.1	14.3	18.5	27.0	38.6	62.8	110.2	197.1	335.9	835.9
1988	21.1	17.5	18.5	28.5	41.9	63.6	105.2	183.2	316.6	741.5
1987	19.8	14.2	18.5	23.7	40.6	56.8	94.4	163.2	321.1	715.8
1986	20.4	14.0	17.5	25.5	42.4	61.6	100.7	178.5	329.6	739.8
1985	19.8	13.6	18.9	26.7	42.7	58.8	99.7	175.2	340.5	683.4
1984	18.2	12.8	19.8	24.5	37.8	55.6	96.8	159.5	297.8	587.1
1983	17.0	12.4	17.6	25.8	38.2	53.2	88.4	143.8	276.7	541.3
1982	16.0	15.5	16.6	26.8	37.4	45.9	87.7	117.6	244.4	476.5
1981	17.7	16.2	21.1	31.7	42.5	58.9	87.4	138.4	278.8	525.3
1980	19.7	17.7	22.3	33.4	41.2	67.7	95.0	175.5	281.0	607.6
1979	17.0	14.3	22.1	27.0	39.5	52.8	85.4	133.4	221.9	456.3
Influenza and pneumonia (480-487)										
All other, male										
1998	22.0	12.7	17.5	26.6	45.3	76.9	150.0	264.6	511.5	1,096.8
1997	21.3	16.5	18.5	28.1	46.4	73.4	131.6	252.3	482.6	1,063.2
1996	22.6	16.8	18.8	31.1	49.8	72.9	155.2	248.4	514.0	1,099.9
1995	22.1	17.6	21.2	30.0	45.2	78.8	147.2	245.9	492.6	1,081.5
1994	21.9	16.2	21.6	30.6	43.5	76.9	132.0	259.3	477.6	1,058.6
1993	23.2	17.9	19.4	31.2	51.3	86.1	148.8	286.7	498.9	1,078.6
1992	22.2	16.1	20.4	35.6	48.3	80.4	145.8	238.5	486.3	1,014.4
1991	23.4	18.0	22.3	34.0	52.1	78.2	140.7	266.2	518.3	1,106.3
1990	25.1	18.6	26.3	34.9	59.0	93.0	158.7	272.5	541.9	1,090.9
1989	25.7	21.5	28.2	40.0	58.7	94.9	173.7	280.6	470.2	1,067.9
1988	25.0	27.3	29.1	42.3	63.3	94.1	153.4	278.1	447.0	968.4
1987	23.9	21.0	27.4	36.6	61.3	83.7	151.1	252.6	465.2	966.2
1986	24.7	19.8	25.2	38.4	62.0	91.7	155.3	268.1	484.3	1,058.7
1985	24.2	21.0	27.7	40.3	63.9	90.3	159.3	253.9	493.3	924.7
1984	22.5	19.7	32.1	37.3	61.3	83.4	149.3	247.0	418.8	795.8
1983	21.7	18.4	26.4	39.1	60.0	82.7	139.2	216.8	437.1	737.7
1982	20.2	25.1	24.8	38.5	57.9	71.1	137.4	171.7	354.3	677.6
1981	22.6	24.4	34.2	48.9	64.8	91.0	134.6	197.8	405.5	742.2
1980	25.0	28.2	34.5	47.8	67.3	105.1	135.5	254.0	401.2	865.7
1979	21.7	22.4	34.7	40.8	60.1	81.4	121.2	196.2	330.2	661.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza and pneumonia (480-487)										
All other, female										
1998	19.6	6.7	8.7	13.3	22.9	34.6	68.0	135.5	284.4	757.6
1997	18.6	7.7	8.6	14.3	24.8	36.1	73.4	126.9	261.3	702.0
1996	18.2	6.4	9.7	14.6	22.8	36.7	69.7	114.0	269.1	692.5
1995	18.5	7.2	9.4	14.5	22.9	35.0	74.0	131.2	262.7	700.7
1994	17.9	7.0	9.2	12.5	22.1	42.5	65.7	118.1	245.5	688.3
1993	18.6	7.9	7.8	14.9	25.0	35.3	78.3	129.6	260.3	710.2
1992	16.9	6.0	8.1	10.7	22.8	41.2	64.2	106.7	243.3	661.7
1991	18.3	8.0	12.2	15.2	22.8	38.9	69.7	126.7	255.1	700.8
1990	18.7	6.7	10.3	15.8	28.6	41.0	68.0	137.2	255.1	738.3
1989	18.9	8.0	10.2	16.5	23.3	38.9	66.7	144.8	260.8	724.4
1988	17.5	9.0	9.7	17.4	25.4	40.8	72.3	122.8	240.2	635.5
1987	16.0	8.4	11.1	13.3	24.6	36.7	55.7	106.0	238.8	597.5
1986	16.5	9.1	11.1	15.2	27.2	39.1	63.2	121.0	241.3	586.5
1985	15.8	7.3	11.7	15.6	26.2	35.2	58.4	123.6	252.2	566.0
1984	14.2	6.9	9.6	14.0	19.4	34.8	60.3	101.3	226.7	483.4
1983	12.8	7.4	10.5	15.0	20.9	31.1	52.7	94.9	182.4	443.9
1982	12.2	7.4	9.9	17.2	21.1	27.0	51.6	81.4	180.3	375.2
1981	13.3	9.3	10.6	17.5	24.5	34.6	52.7	98.2	202.0	411.8
1980	14.9	9.1	12.5	21.5	20.2	39.1	64.8	122.1	207.1	475.4
1979	12.6	7.7	11.9	15.4	22.8	30.7	58.0	87.6	154.3	354.4
Influenza and pneumonia (480-487)										
Black, both sexes										
1998	23.4	12.2	16.4	23.7	41.1	60.3	110.9	195.6	372.0	813.3
1997	22.6	15.1	15.8	25.1	40.7	58.3	108.4	186.0	339.7	785.7
1996	23.1	14.3	17.5	28.0	41.2	60.9	114.2	172.6	354.4	791.6
1995	23.1	15.8	17.9	26.9	38.6	60.9	116.7	182.4	349.9	775.5
1994	22.5	15.0	19.0	24.9	37.5	63.6	101.4	181.8	322.6	765.4
1993	23.7	16.3	16.7	27.1	43.5	64.0	114.5	195.0	345.6	789.5
1992	22.1	13.1	17.2	25.9	38.8	65.7	104.9	163.1	336.0	737.8
1991	23.6	15.9	21.1	27.4	41.1	61.6	107.9	186.8	346.7	776.7
1990	24.8	15.2	21.7	29.1	48.3	71.7	116.6	193.4	359.4	809.4
1989	25.2	17.6	22.1	31.6	43.9	70.6	119.7	203.8	333.7	799.1
1988	24.2	21.7	22.2	34.0	47.2	71.1	112.4	191.5	323.2	728.0
1987	22.4	17.2	21.9	26.9	46.6	65.2	101.1	172.0	324.7	682.2
1986	23.1	17.0	21.1	30.0	49.3	69.3	109.6	184.8	334.1	712.9
1985	22.2	16.4	22.8	30.7	49.2	64.3	105.5	185.1	336.3	653.3
1984	20.1	15.2	23.2	28.3	41.3	60.1	102.8	164.4	295.3	554.7
1983	18.8	15.2	20.6	30.0	41.5	57.1	93.1	148.5	275.8	508.2
1982	17.4	18.5	19.0	30.1	41.4	48.5	91.9	118.2	248.6	446.6
1981	19.4	19.1	24.3	36.2	46.6	63.4	91.4	141.5	281.3	502.4
1980	21.2	20.7	24.3	37.5	45.2	72.0	98.7	171.9	284.7	578.4
1979	18.0	16.7	24.4	29.5	42.3	53.9	89.6	130.8	211.4	434.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza and pneumonia (480-487)										
Black, male										
1998	24.7	16.5	22.8	33.8	58.4	88.6	167.9	286.0	536.5	1,032.1
1997	23.9	21.3	22.8	35.4	55.9	82.6	147.3	275.3	483.0	1,044.4
1996	25.5	21.7	24.3	39.8	59.2	84.6	172.5	262.6	524.2	1,082.3
1995	25.0	23.4	26.4	38.7	53.8	90.2	166.8	258.1	513.5	1,037.7
1994	24.7	21.8	27.9	37.5	51.9	87.2	146.3	278.2	478.3	1,030.8
1993	26.2	23.8	25.4	38.9	62.3	96.4	160.0	298.6	512.9	1,021.4
1992	25.2	20.0	25.9	43.1	56.2	94.4	158.9	249.6	509.5	965.4
1991	26.6	23.5	28.8	41.3	61.0	87.1	154.0	282.0	514.3	1,058.2
1990	28.9	23.9	33.0	42.2	69.4	109.2	178.3	283.2	554.1	1,054.8
1989	29.2	26.8	35.0	48.1	68.7	110.4	192.5	288.8	478.4	1,007.6
1988	28.8	35.0	36.0	50.4	72.5	107.7	165.2	296.0	470.2	949.2
1987	27.4	26.0	33.5	41.7	71.7	97.1	163.9	270.3	479.3	951.6
1986	28.0	24.7	30.5	45.5	72.5	105.8	173.4	279.1	488.9	1,028.6
1985	27.1	25.7	34.1	46.1	73.6	99.7	172.8	268.8	478.2	895.2
1984	25.0	24.4	37.8	43.5	66.9	90.5	161.2	256.9	420.2	767.2
1983	24.2	23.1	31.5	45.6	66.5	89.6	150.0	227.9	434.1	716.7
1982	22.2	31.2	28.7	43.8	64.2	75.7	147.9	173.9	362.5	620.7
1981	25.0	29.0	39.6	57.0	72.2	99.4	142.7	207.0	409.1	698.2
1980	26.9	33.8	38.3	53.9	74.4	112.8	144.5	249.8	399.8	816.8
1979	23.2	26.3	38.0	45.0	64.5	84.6	128.3	193.8	316.9	636.5
Influenza and pneumonia (480-487)										
Black, female										
1998	22.2	8.5	11.0	15.4	27.6	39.4	73.5	140.7	291.9	730.8
1997	21.4	9.7	9.8	16.7	28.9	40.3	82.7	132.2	270.4	687.3
1996	21.0	8.0	11.8	18.4	27.3	43.3	75.9	118.7	271.9	680.4
1995	21.3	9.2	10.9	17.4	26.9	39.2	84.0	137.3	270.3	673.8
1994	20.4	9.4	11.7	14.8	26.4	46.2	72.0	125.1	245.9	661.6
1993	21.4	10.0	9.4	17.7	29.0	40.3	84.3	134.8	261.7	697.7
1992	19.3	7.3	10.1	12.2	25.6	44.7	69.3	113.2	248.0	646.1
1991	20.8	9.6	14.8	16.4	26.0	43.1	77.4	131.3	261.6	661.0
1990	21.2	7.9	12.4	18.8	32.3	44.5	76.1	140.7	258.5	705.4
1989	21.5	9.9	11.6	18.4	25.0	41.8	72.0	153.5	257.8	714.4
1988	20.1	10.7	10.8	20.9	28.0	44.5	77.4	129.1	245.5	631.5
1987	17.9	9.9	12.5	15.0	27.5	42.0	59.5	112.5	241.5	562.5
1986	18.8	10.6	13.4	17.5	31.6	42.5	67.3	127.0	249.7	568.8
1985	17.8	8.6	13.5	18.3	30.3	38.3	61.0	133.0	258.2	540.6
1984	15.7	7.6	11.2	15.9	21.4	37.6	63.8	106.4	226.3	454.3
1983	13.9	8.7	11.6	17.3	22.1	33.2	54.7	97.3	186.2	407.3
1982	13.2	8.0	11.2	18.9	23.5	28.5	53.4	82.9	182.6	361.0
1981	14.5	10.9	11.8	19.3	26.4	37.0	55.6	99.2	206.8	400.9
1980	16.1	10.0	12.9	24.1	22.2	41.7	66.1	121.3	215.7	459.2
1979	13.4	8.8	13.3	16.7	24.6	31.0	61.8	87.3	146.0	333.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza (487)										
All races, both sexes										
1998	0.6	*	*	0.2	0.3	0.6	1.1	2.7	6.6	23.0
1997	0.3	*	*	*	0.2	0.4	0.5	0.9	2.1	9.4
1996	0.3	*	*	0.2	*	0.3	0.7	1.0	2.5	9.6
1995	0.2	*	*	*	*	0.4	0.5	0.8	1.7	8.2
1994	0.5	*	*	0.2	0.4	0.5	1.1	2.2	4.6	16.8
1993	0.4	*	*	*	0.3	0.4	0.9	1.4	3.9	15.4
1992	0.4	*	*	*	0.3	0.4	1.0	2.1	3.5	14.8
1991	0.4	*	*	*	0.3	0.4	1.1	2.0	4.1	17.0
1990	0.8	*	0.2	0.3	0.6	0.9	2.0	3.9	9.9	34.6
1989	0.6	*	*	*	0.5	0.7	1.3	2.8	6.9	26.7
1988	0.8	*	*	0.2	0.3	0.8	1.4	3.8	9.2	36.0
1987	0.3	*	*	*	0.2	0.2	0.5	1.1	2.5	11.1
1986	0.8	*	*	0.2	0.3	0.8	1.7	4.3	8.6	33.5
1985	0.9	*	0.2	0.3	0.5	0.8	1.8	4.6	10.3	40.0
1984	0.5	*	*	0.2	0.2	0.5	1.1	3.0	5.6	19.4
1983	0.6	*	*	0.3	0.3	0.7	1.7	2.8	7.9	28.4
1982	0.3	*	*	*	0.3	0.4	0.7	1.8	3.4	14.3
1981	1.3	*	0.3	0.5	0.8	1.7	3.5	7.9	18.2	58.4
1980	1.2	*	0.2	0.4	0.7	1.4	2.9	6.7	18.3	57.5
1979	0.3	*	*	*	*	0.4	0.7	1.4	3.5	12.1
Influenza (487)										
All races, male										
1998	0.4	*	*	*	*	0.6	1.2	3.2	7.4	20.1
1997	0.2	*	*	*	*	*	0.6	1.0	2.2	9.2
1996	0.2	*	*	*	*	*	0.7	1.1	2.9	9.2
1995	0.2	*	*	*	*	*	0.5	0.9	2.3	8.2
1994	0.3	*	*	*	*	*	1.1	2.4	4.8	16.6
1993	0.3	*	*	*	*	0.5	0.9	1.9	5.7	13.2
1992	0.3	*	*	*	*	*	1.0	1.9	3.9	14.1
1991	0.4	*	*	*	*	0.5	1.1	2.3	3.9	18.6
1990	0.7	*	*	*	0.8	1.0	2.2	4.8	11.4	37.1
1989	0.5	*	*	*	0.5	0.9	1.4	3.1	7.2	24.1
1988	0.6	*	*	*	*	1.0	1.6	4.2	10.3	34.0
1987	0.2	*	*	*	*	*	0.7	1.4	2.8	11.3
1986	0.6	*	*	*	0.4	0.9	2.3	5.1	10.9	29.8
1985	0.6	*	*	*	0.5	0.9	1.8	5.1	12.6	39.8
1984	0.4	*	*	*	*	0.5	0.9	3.8	6.3	19.9
1983	0.5	*	*	0.4	*	0.7	2.0	3.1	9.2	31.3
1982	0.3	*	*	*	*	0.5	0.7	2.4	4.1	15.2
1981	1.0	*	*	0.5	0.8	1.8	3.8	9.3	20.3	55.9
1980	0.9	*	*	0.5	0.7	1.6	3.6	7.5	18.7	55.5
1979	0.2	*	*	*	*	0.6	0.9	1.7	3.9	10.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza (487)										
All races, female										
1998	0.8	*	*	*	*	0.6	1.0	2.4	6.1	24.1
1997	0.3	*	*	*	*	*	0.4	0.8	2.0	9.5
1996	0.3	*	*	*	*	*	0.7	0.9	2.3	9.7
1995	0.3	*	*	*	*	0.4	0.5	0.8	1.4	8.1
1994	0.6	*	*	*	0.4	0.6	1.1	2.0	4.5	16.9
1993	0.5	*	*	*	*	*	0.8	1.1	3.0	16.3
1992	0.5	*	*	*	*	0.4	1.0	2.3	3.2	15.1
1991	0.5	*	*	*	*	0.4	1.1	1.8	4.2	16.3
1990	1.0	*	*	0.4	0.4	0.7	1.8	3.3	9.0	33.6
1989	0.8	*	*	*	0.5	0.5	1.2	2.6	6.7	27.7
1988	1.0	*	*	*	*	0.7	1.3	3.5	8.7	36.8
1987	0.3	*	*	*	*	*	*	1.0	2.3	11.1
1986	0.9	*	*	*	*	0.7	1.3	3.8	7.5	35.0
1985	1.1	*	*	0.4	0.5	0.8	1.8	4.2	9.1	40.1
1984	0.6	*	*	*	*	0.5	1.3	2.5	5.3	19.2
1983	0.7	*	*	*	0.4	0.7	1.5	2.6	7.2	27.2
1982	0.4	*	*	*	*	*	0.7	1.3	3.1	13.9
1981	1.6	*	*	0.5	0.8	1.6	3.4	7.0	17.0	59.4
1980	1.5	*	*	*	0.6	1.3	2.4	6.3	18.1	58.4
1979	0.3	*	*	*	*	*	0.5	1.2	3.4	12.9
Influenza (487)										
White, both sexes										
1998	0.7	*	*	0.2	0.3	0.6	1.2	2.9	7.1	24.7
1997	0.3	*	*	*	*	0.4	0.5	1.0	2.1	10.2
1996	0.3	*	*	*	*	0.3	0.7	1.0	2.7	10.2
1995	0.3	*	*	*	*	0.4	0.5	0.9	1.8	8.6
1994	0.5	*	*	*	0.4	0.5	1.1	2.3	4.9	17.9
1993	0.5	*	*	*	0.3	0.4	0.9	1.4	4.2	16.5
1992	0.4	*	*	*	0.3	0.3	1.0	2.3	3.7	15.8
1991	0.5	*	*	*	0.4	0.5	1.2	2.0	4.3	17.9
1990	1.0	*	*	0.4	0.6	0.9	2.1	4.1	10.5	36.7
1989	0.7	*	*	*	0.5	0.7	1.3	2.9	7.3	28.0
1988	0.9	*	*	0.2	0.3	0.9	1.4	4.1	9.8	38.6
1987	0.3	*	*	*	*	0.2	0.5	1.2	2.6	11.5
1986	0.9	*	*	*	0.3	0.8	1.8	4.5	8.9	35.8
1985	1.0	*	*	0.3	0.5	0.9	1.8	4.7	10.8	42.6
1984	0.5	*	*	0.2	0.2	0.5	1.2	3.0	5.9	20.6
1983	0.7	*	*	0.2	0.4	0.7	1.8	3.0	8.3	30.5
1982	0.3	*	*	*	0.2	0.4	0.7	1.8	3.6	15.2
1981	1.4	*	0.3	0.5	0.8	1.6	3.7	8.2	18.6	62.0
1980	1.3	*	*	0.4	0.7	1.5	3.1	7.1	19.6	61.0
1979	0.3	*	*	*	*	0.4	0.7	1.5	3.5	12.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza (487)										
White, male										
1998	0.5	*	*	*	*	0.6	1.3	3.5	7.9	21.4
1997	0.2	*	*	*	*	*	0.6	1.1	2.4	10.1
1996	0.2	*	*	*	*	*	0.7	1.1	3.1	9.5
1995	0.2	*	*	*	*	*	*	0.9	2.4	8.9
1994	0.4	*	*	*	*	*	1.1	2.5	5.2	17.9
1993	0.3	*	*	*	*	*	1.0	1.9	6.1	14.0
1992	0.3	*	*	*	*	*	1.0	1.9	4.2	15.1
1991	0.4	*	*	*	*	0.5	1.1	2.4	4.1	19.9
1990	0.7	*	*	*	0.8	1.0	2.3	4.9	12.0	40.0
1989	0.5	*	*	*	0.6	0.9	1.4	3.2	7.8	25.3
1988	0.6	*	*	*	*	1.0	1.7	4.5	10.8	37.1
1987	0.2	*	*	*	*	*	0.7	1.5	2.9	11.9
1986	0.6	*	*	*	*	0.9	2.5	5.4	11.3	32.2
1985	0.7	*	*	*	0.5	1.0	1.7	5.2	13.0	42.2
1984	0.4	*	*	*	*	*	1.0	3.8	6.5	20.9
1983	0.5	*	*	*	*	0.7	2.1	3.3	9.7	33.9
1982	0.3	*	*	*	*	*	0.8	2.4	4.3	16.2
1981	1.1	*	*	0.5	0.9	1.7	4.0	9.9	21.2	59.5
1980	1.0	*	*	0.5	0.7	1.6	3.8	7.9	20.3	59.9
1979	0.2	*	*	*	*	*	1.0	1.8	3.7	10.5
Influenza (487)										
White, female										
1998	1.0	*	*	*	*	0.6	1.1	2.6	6.6	26.1
1997	0.4	*	*	*	*	*	*	0.9	2.0	10.3
1996	0.4	*	*	*	*	*	0.7	0.9	2.4	10.4
1995	0.3	*	*	*	*	0.4	0.5	0.8	1.5	8.5
1994	0.7	*	*	*	*	0.6	1.1	2.2	4.8	18.0
1993	0.6	*	*	*	*	*	0.8	1.2	3.2	17.4
1992	0.6	*	*	*	*	0.4	1.0	2.5	3.4	16.1
1991	0.6	*	*	*	*	0.4	1.2	1.8	4.4	17.2
1990	1.2	*	*	*	*	0.8	1.9	3.5	9.7	35.5
1989	0.9	*	*	*	0.5	0.6	1.2	2.7	7.1	29.1
1988	1.2	*	*	*	*	0.7	1.2	3.8	9.3	39.1
1987	0.3	*	*	*	*	*	*	1.0	2.4	11.4
1986	1.1	*	*	*	*	0.8	1.4	4.0	7.7	37.1
1985	1.2	*	*	*	0.5	0.8	1.8	4.4	9.7	42.7
1984	0.6	*	*	*	*	0.5	1.3	2.5	5.6	20.6
1983	0.8	*	*	*	0.4	0.6	1.6	2.8	7.6	29.1
1982	0.4	*	*	*	*	*	0.7	1.4	3.3	14.9
1981	1.8	*	*	0.5	0.8	1.6	3.6	7.2	17.3	63.0
1980	1.6	*	*	*	0.7	1.3	2.5	6.5	19.2	61.4
1979	0.3	*	*	*	*	*	*	1.3	3.5	13.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza (487)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	5.6
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	11.5
1989	0.2	*	*	*	*	*	*	*	*	12.1
1988	0.2	*	*	*	*	*	*	*	*	8.9
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	9.1
1985	0.3	*	*	*	*	*	*	*	*	12.6
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	2.3	*	4.3	12.9	17.9
1980	0.3	*	*	*	*	*	*	*	*	17.8
1979	0.2	*	*	*	*	*	*	*	*	*
Influenza (487)										
All other, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza (487)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	12.3
1989	0.2	*	*	*	*	*	*	*	*	11.9
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	14.0	16.5
1980	0.4	*	*	*	*	*	*	*	*	21.9
1979	0.2	*	*	*	*	*	*	*	*	*
Influenza (487)										
Black, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	11.7
1989	0.2	*	*	*	*	*	*	*	*	10.5
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	10.3
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	2.7	*	*	13.4	16.7
1980	0.3	*	*	*	*	*	*	*	*	13.8
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Influenza (487)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Influenza (487)										
Black, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonia (480-486)										
All races, both sexes										
1998	32.7	5.1	7.3	12.1	21.8	38.8	79.8	159.4	351.4	1,046.5
1997	31.4	5.5	7.7	12.4	22.1	37.8	76.2	157.0	340.6	1,006.3
1996	30.8	5.5	7.4	12.6	21.1	36.9	77.2	153.7	336.8	992.5
1995	30.9	5.6	7.8	11.6	21.0	37.6	77.7	159.0	336.3	1,012.7
1994	30.5	5.5	7.7	11.6	21.4	38.7	75.0	159.1	340.3	1,005.4
1993	31.5	5.3	7.8	12.4	22.6	40.1	77.2	163.9	350.1	1,063.4
1992	29.1	5.1	6.9	12.4	20.1	38.3	73.7	153.0	334.7	989.7
1991	30.3	5.5	8.0	12.8	22.2	37.7	76.4	160.3	351.7	1,053.7
1990	31.1	5.7	8.3	13.3	22.9	39.9	80.3	170.0	367.9	1,105.4
1989	30.4	5.7	8.1	13.3	22.5	40.5	78.6	166.0	355.3	1,083.7
1988	31.0	6.1	8.6	13.9	23.9	42.3	81.5	171.3	372.4	1,113.0
1987	28.3	5.7	8.5	12.4	23.0	40.2	78.7	160.7	343.2	1,006.9
1986	28.3	5.8	8.1	13.4	23.9	40.7	79.9	168.1	343.4	1,011.4
1985	27.6	5.6	8.7	13.5	23.1	38.9	79.5	162.9	346.8	998.8
1984	24.5	5.2	8.1	12.4	21.3	36.0	74.6	148.5	312.9	873.7
1983	23.3	5.1	8.1	12.4	21.1	36.1	68.1	138.8	301.6	848.2
1982	20.8	5.1	7.7	12.8	20.0	33.2	64.5	127.4	271.6	733.6
1981	22.1	5.9	8.4	14.1	21.8	36.5	67.3	138.8	295.3	790.3
1980	22.9	6.2	8.9	14.2	22.6	39.5	71.8	144.8	313.4	828.2
1979	19.8	5.5	8.6	12.5	20.6	33.8	65.2	125.4	274.9	682.8
Pneumonia (480-486)										
All races, male										
1998	29.9	6.3	8.8	15.3	26.9	49.5	105.6	209.6	463.0	1,276.7
1997	29.2	7.0	9.6	14.8	27.5	49.6	100.6	209.5	457.5	1,254.6
1996	28.6	7.1	9.3	16.2	26.1	48.2	102.3	205.5	452.0	1,235.8
1995	28.8	7.5	9.7	14.3	27.2	49.2	103.5	213.5	458.0	1,270.0
1994	28.7	7.2	9.9	14.7	27.4	51.1	100.4	215.5	458.3	1,289.9
1993	29.6	6.8	9.8	15.2	29.5	53.8	105.4	226.1	482.2	1,342.2
1992	28.0	7.0	8.9	16.2	25.9	51.3	100.3	214.8	473.8	1,286.7
1991	29.0	7.1	9.8	16.8	29.2	49.2	103.5	223.4	501.7	1,347.0
1990	29.8	7.2	11.1	17.4	30.8	54.1	111.7	237.2	516.4	1,384.4
1989	29.2	7.5	10.6	18.1	30.4	55.4	113.1	230.4	490.2	1,363.8
1988	30.4	8.5	11.6	18.0	32.8	59.7	115.6	247.3	525.4	1,420.7
1987	28.2	7.6	11.2	16.5	31.6	56.8	113.5	230.7	488.5	1,312.9
1986	28.7	7.3	10.9	17.8	33.6	57.2	115.4	246.9	496.8	1,343.4
1985	28.0	7.5	11.5	18.6	32.7	56.4	116.2	239.2	497.4	1,320.5
1984	25.3	6.5	11.2	17.3	30.5	51.2	110.2	219.7	451.9	1,164.7
1983	24.2	6.7	10.9	17.3	30.2	52.6	100.5	203.2	438.1	1,131.4
1982	22.2	7.2	10.1	17.8	27.7	48.2	95.0	192.8	401.0	1,011.7
1981	23.3	7.7	11.1	19.7	31.0	53.2	97.1	203.1	429.2	1,042.4
1980	24.2	8.6	12.2	19.0	32.1	56.8	103.8	208.8	447.0	1,089.9
1979	21.5	7.2	12.1	17.8	28.8	50.3	98.4	182.0	399.4	922.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonia (480-486)										
All races, female										
1998	35.4	3.9	5.8	9.1	17.1	29.8	59.7	124.6	286.9	955.0
1997	33.6	4.0	5.9	10.1	17.3	27.9	57.4	120.8	273.9	908.9
1996	32.9	4.0	5.6	9.2	16.6	27.3	57.9	118.3	272.0	898.2
1995	32.9	3.7	6.0	9.1	15.4	27.9	57.9	122.1	268.9	913.6
1994	32.2	3.9	5.6	8.7	16.0	28.4	55.6	121.3	275.7	896.4
1993	33.2	3.9	5.9	9.8	16.6	29.0	55.7	122.5	278.5	956.9
1992	30.2	3.4	5.0	8.9	14.9	27.7	53.6	112.4	260.0	876.3
1991	31.6	3.9	6.4	9.0	16.0	28.3	56.0	119.1	271.8	941.4
1990	32.4	4.1	5.7	9.5	16.1	28.3	56.9	126.7	289.0	997.8
1989	31.5	4.0	5.7	8.9	15.6	28.3	53.2	124.7	284.1	974.8
1988	31.5	3.9	5.8	10.1	16.3	28.2	56.5	122.9	291.7	992.9
1987	28.4	3.8	5.8	8.7	15.5	26.6	53.3	116.2	266.9	886.3
1986	27.9	4.3	5.5	9.4	15.5	27.2	54.1	118.4	262.9	879.7
1985	27.1	3.8	6.2	8.9	14.9	24.8	53.0	114.9	267.8	870.3
1984	23.7	3.9	5.1	8.0	13.3	23.8	48.9	103.8	239.8	756.1
1983	22.4	3.6	5.6	8.1	13.2	22.8	44.7	98.4	229.6	732.1
1982	19.4	3.1	5.5	8.2	13.3	21.1	42.4	86.4	203.3	617.6
1981	21.0	4.3	6.0	9.1	13.9	23.1	45.7	98.5	224.3	682.6
1980	21.7	3.9	5.8	9.9	14.4	25.6	48.6	104.7	242.4	713.8
1979	18.1	3.9	5.4	7.8	13.6	20.6	41.2	89.8	208.1	576.1
Pneumonia (480-486)										
White, both sexes										
1998	35.3	4.2	6.4	10.9	20.0	36.9	77.2	156.5	350.4	1,066.4
1997	33.9	4.3	6.8	11.0	20.2	35.9	73.7	154.9	341.0	1,026.4
1996	33.0	4.4	6.3	11.0	19.0	34.8	74.0	152.5	335.2	1,010.9
1995	33.2	4.4	6.6	10.0	19.2	35.5	74.7	157.3	335.8	1,032.8
1994	32.7	4.5	6.5	10.2	19.9	36.3	73.0	157.8	341.7	1,026.1
1993	33.6	4.1	7.0	10.9	20.6	38.0	73.9	161.3	350.7	1,087.4
1992	31.1	4.3	5.8	11.0	18.2	35.9	71.2	152.7	335.3	1,011.5
1991	32.2	4.3	6.6	11.1	20.4	35.5	74.0	158.4	352.2	1,076.1
1990	33.0	4.6	6.9	11.7	20.5	37.2	77.7	168.2	369.1	1,130.7
1989	32.0	4.4	6.5	11.4	20.4	37.9	75.3	162.9	357.4	1,108.2
1988	32.8	4.3	7.1	11.8	21.6	39.9	79.1	170.2	378.0	1,148.8
1987	29.9	4.3	6.9	10.9	20.8	38.3	77.0	160.4	345.3	1,034.6
1986	29.8	4.5	6.7	11.8	21.7	38.3	77.7	167.2	345.1	1,037.2
1985	29.0	4.3	7.2	11.8	20.9	36.7	77.6	162.0	347.8	1,028.7
1984	25.6	4.0	6.4	10.8	19.4	33.8	72.3	147.7	314.5	900.4
1983	24.4	3.9	6.8	10.8	19.2	34.2	66.0	138.4	304.1	876.3
1982	21.6	3.5	6.5	11.0	18.1	31.8	62.0	128.6	274.1	756.9
1981	22.9	4.4	6.8	12.1	19.6	34.2	65.3	139.3	297.8	815.1
1980	23.5	4.5	7.2	12.1	20.6	36.4	69.5	142.1	316.5	849.0
1979	20.3	4.3	6.9	10.8	18.6	31.8	63.2	124.6	279.7	702.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonia (480-486)										
White, male										
1998	31.6	5.2	7.4	13.6	24.2	45.8	100.6	203.9	458.7	1,296.7
1997	30.9	5.3	8.2	12.7	24.8	46.6	97.1	205.1	455.1	1,275.2
1996	29.9	5.4	7.8	14.0	22.7	45.0	96.5	201.2	446.2	1,251.1
1995	30.2	5.9	8.0	11.9	24.7	45.5	98.8	210.3	454.8	1,290.6
1994	30.1	5.7	8.1	12.4	25.2	47.9	97.0	211.2	456.5	1,315.2
1993	30.9	5.0	8.3	12.9	26.6	49.9	100.8	220.3	480.7	1,371.2
1992	29.2	5.6	7.1	13.5	23.0	48.0	95.6	212.6	472.7	1,316.4
1991	30.1	5.5	7.9	14.4	26.4	45.9	99.8	219.3	500.2	1,373.3
1990	30.7	5.5	8.9	14.9	27.4	49.8	107.0	233.9	514.5	1,416.9
1989	29.9	5.4	8.0	15.2	27.1	51.1	106.9	225.4	492.3	1,397.1
1988	31.4	5.7	9.0	14.9	29.1	56.0	111.8	244.3	533.9	1,470.2
1987	29.0	5.5	8.9	14.0	28.1	53.9	109.7	228.5	491.0	1,350.5
1986	29.4	5.4	8.9	15.2	30.4	53.5	111.3	244.9	498.7	1,374.4
1985	28.7	5.4	9.3	15.9	29.4	52.7	112.0	238.0	498.6	1,364.4
1984	25.8	4.6	8.4	14.9	27.2	47.7	106.1	217.2	455.5	1,205.2
1983	24.6	5.0	8.9	14.7	27.0	49.4	96.4	201.9	438.6	1,173.0
1982	22.6	4.7	8.3	15.4	24.5	45.8	90.5	195.4	405.7	1,046.8
1981	23.5	5.4	8.3	16.4	27.4	49.4	93.4	204.1	432.5	1,074.6
1980	24.1	6.0	9.6	15.9	28.4	51.7	100.6	204.3	451.5	1,112.8
1979	21.5	5.3	9.5	15.2	25.5	47.1	96.1	180.6	406.4	948.5
Pneumonia (480-486)										
White, female										
1998	38.9	3.3	5.3	8.4	16.2	29.1	58.7	123.4	287.3	975.4
1997	36.9	3.2	5.5	9.4	16.0	26.6	55.4	120.1	275.4	929.5
1996	36.1	3.5	4.9	8.2	15.6	26.0	56.6	118.9	272.4	918.6
1995	36.0	3.0	5.4	8.3	14.2	26.9	56.0	121.2	269.5	934.5
1994	35.3	3.4	5.0	8.1	15.1	26.6	54.5	121.6	278.9	916.6
1993	36.3	3.2	5.6	9.0	15.3	28.1	53.2	121.8	280.3	980.4
1992	32.9	2.9	4.5	8.6	13.8	26.0	52.5	113.0	261.7	896.6
1991	34.3	3.1	5.4	8.0	15.0	26.9	54.4	118.4	273.7	963.9
1990	35.2	3.7	4.9	8.6	14.3	26.8	55.7	125.7	292.4	1,022.1
1989	33.9	3.4	5.0	7.8	14.5	27.1	51.7	122.7	286.4	998.3
1988	34.3	3.0	5.2	9.0	15.0	26.7	54.9	123.0	296.6	1,025.5
1987	30.7	3.0	5.0	8.1	14.4	25.4	53.1	117.3	269.5	912.2
1986	30.1	3.5	4.6	8.6	14.1	25.9	53.1	118.4	265.3	905.9
1985	29.2	3.2	5.3	8.0	13.5	23.6	52.6	114.3	269.4	897.2
1984	25.5	3.4	4.4	7.2	12.5	22.5	47.8	104.3	241.1	779.6
1983	24.2	2.9	4.8	7.2	12.3	21.9	43.9	98.8	233.8	756.9
1982	20.7	2.4	4.9	7.1	12.4	20.4	41.4	87.0	205.3	638.1
1981	22.4	3.6	5.3	8.1	12.8	22.0	45.1	99.0	227.3	706.6
1980	23.0	3.1	5.0	8.6	13.7	24.2	47.0	103.4	245.6	735.3
1979	19.1	3.3	4.5	6.9	12.6	19.5	39.6	90.0	212.5	594.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonia (480-486)										
All other, both sexes										
1998	20.6	9.4	12.7	19.2	32.8	52.4	100.9	184.8	361.5	852.2
1997	19.8	11.7	13.1	20.4	34.2	51.9	96.8	175.2	336.6	807.7
1996	20.2	11.2	13.7	22.0	34.5	52.1	103.8	164.8	353.2	810.0
1995	20.1	12.0	14.7	21.3	32.6	53.4	103.5	174.5	341.8	811.2
1994	19.7	11.2	14.9	20.5	31.2	56.4	92.0	171.4	325.6	794.4
1993	20.7	12.5	13.1	22.0	36.3	56.6	106.3	188.5	343.5	816.4
1992	19.3	10.5	13.8	21.7	33.8	57.3	96.6	156.3	328.3	764.2
1991	20.6	12.5	16.8	23.6	35.4	55.5	97.8	178.6	346.6	818.4
1990	21.5	12.1	17.3	24.1	41.1	62.5	103.6	186.6	355.0	837.0
1989	21.9	14.1	18.3	26.8	38.6	62.1	109.1	195.3	334.1	823.8
1988	20.9	17.3	18.4	28.2	41.8	63.1	103.9	182.1	313.1	732.7
1987	19.7	14.2	18.5	23.6	40.3	56.6	93.9	162.8	319.8	709.2
1986	20.2	13.9	17.4	25.4	42.0	61.1	99.7	176.4	324.2	730.7
1985	19.5	13.5	18.7	26.3	42.0	58.2	97.5	172.1	336.3	670.9
1984	18.0	12.8	19.8	24.2	37.7	55.3	96.4	156.9	295.2	581.6
1983	16.9	12.4	17.5	25.4	38.2	52.5	88.1	142.6	273.7	536.1
1982	15.9	15.3	16.5	26.6	37.0	45.6	87.4	115.8	243.3	473.0
1981	17.2	16.0	20.8	30.9	41.5	56.6	85.7	134.1	266.0	507.4
1980	19.4	17.4	22.0	32.7	41.0	66.8	93.9	171.9	277.0	589.7
1979	16.8	14.3	22.1	26.9	39.3	51.7	84.6	132.5	218.3	449.4
Pneumonia (480-486)										
All other, male										
1998	21.9	12.6	17.5	26.5	45.2	76.7	149.5	263.5	509.5	1,089.6
1997	21.2	16.5	18.5	27.8	45.9	73.3	131.3	251.6	482.6	1,062.2
1996	22.5	16.8	18.6	30.8	49.5	72.7	154.9	247.3	513.4	1,094.1
1995	22.0	17.6	21.2	30.0	45.0	78.4	146.6	245.1	491.2	1,079.5
1994	21.8	16.2	21.6	30.5	43.2	76.5	131.5	258.0	476.9	1,053.3
1993	23.1	17.9	19.4	31.2	51.2	85.7	148.2	285.0	497.5	1,072.1
1992	22.1	15.9	20.4	35.3	48.3	79.6	144.9	237.7	484.7	1,009.9
1991	23.3	17.7	22.3	34.0	51.9	78.2	139.5	264.4	516.7	1,100.4
1990	24.9	18.6	25.7	34.9	58.2	92.0	156.8	268.9	536.2	1,081.1
1989	25.5	21.4	27.9	39.7	58.5	93.8	172.2	278.4	469.4	1,055.6
1988	24.8	27.0	28.8	42.1	63.3	93.7	152.4	276.7	441.0	963.3
1987	23.8	20.8	27.4	36.4	61.3	83.5	150.5	252.1	463.4	961.0
1986	24.5	19.8	25.0	38.4	61.2	91.2	153.9	266.2	477.8	1,052.0
1985	23.8	21.0	27.2	40.0	62.9	89.8	156.3	250.0	485.6	906.8
1984	22.3	19.7	32.1	37.2	60.9	82.7	149.3	243.6	414.9	784.7
1983	21.5	18.4	26.2	38.5	60.0	82.0	138.9	215.2	433.0	731.9
1982	20.0	25.0	24.6	38.4	57.5	70.3	137.4	168.6	352.1	671.6
1981	22.1	24.4	33.7	48.0	64.1	88.0	132.5	194.1	394.5	721.9
1980	24.7	27.7	34.1	47.4	67.1	104.0	133.7	250.6	398.9	855.8
1979	21.5	22.4	34.5	40.8	59.9	79.6	120.5	195.1	324.4	654.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonia (480-486)										
All other, female										
1998	19.5	6.6	8.7	13.1	22.8	34.2	67.8	134.6	283.0	752.7
1997	18.6	7.7	8.4	14.2	24.8	35.9	73.3	126.9	259.5	700.4
1996	18.1	6.4	9.6	14.6	22.7	36.7	68.9	113.0	268.0	690.1
1995	18.4	7.2	9.2	14.2	22.9	34.8	74.0	130.4	262.4	696.8
1994	17.8	6.9	9.1	12.4	21.8	41.5	64.9	117.8	244.4	683.4
1993	18.5	7.9	7.7	14.5	24.8	35.1	77.3	129.4	259.5	706.0
1992	16.7	5.8	8.1	10.6	22.6	40.9	63.4	106.4	242.0	656.8
1991	18.1	8.0	12.1	15.2	22.8	38.7	69.3	125.6	252.5	693.5
1990	18.5	6.5	10.3	15.4	28.1	40.7	67.4	135.5	252.8	726.0
1989	18.7	7.8	10.2	16.4	23.3	38.4	66.0	143.4	258.5	712.5
1988	17.3	9.0	9.7	17.0	25.3	40.3	70.8	121.9	238.2	624.9
1987	15.9	8.4	11.1	13.3	24.2	36.6	55.2	105.7	237.8	590.2
1986	16.3	8.8	11.1	15.0	27.1	38.6	62.5	118.8	236.5	576.3
1985	15.6	7.0	11.6	15.2	25.7	34.4	56.8	121.0	250.0	556.0
1984	14.1	6.9	9.6	13.5	19.4	34.8	59.6	99.3	225.0	480.7
1983	12.7	7.4	10.4	14.7	20.9	30.3	52.4	93.9	180.0	438.8
1982	12.1	7.1	9.9	17.0	20.8	27.0	51.1	80.4	179.6	372.9
1981	12.7	8.9	10.5	16.8	23.3	32.9	51.2	93.5	188.0	395.3
1980	14.5	8.9	12.2	20.6	20.0	38.3	64.2	118.3	202.2	453.5
1979	12.5	7.7	11.9	15.3	22.6	30.1	57.2	86.8	152.2	347.4
Pneumonia (480-486)										
Black, both sexes										
1998	23.3	12.1	16.4	23.5	41.0	60.0	110.7	194.9	371.1	809.7
1997	22.5	15.0	15.8	25.0	40.5	58.1	108.1	185.8	338.5	784.7
1996	23.0	14.3	17.4	27.9	41.0	60.8	113.6	172.2	353.5	788.1
1995	23.0	15.8	17.8	26.7	38.5	60.7	116.4	181.8	349.3	772.9
1994	22.3	15.0	18.9	24.9	37.1	63.0	100.5	181.0	321.7	761.7
1993	23.5	16.3	16.6	26.9	43.3	63.7	113.9	194.0	344.3	784.1
1992	22.0	12.8	17.2	25.7	38.7	65.3	104.1	162.7	335.0	733.4
1991	23.4	15.7	21.0	27.4	41.0	61.5	107.3	185.4	344.7	770.8
1990	24.5	15.1	21.4	28.9	47.5	71.0	115.3	190.5	355.2	797.7
1989	25.0	17.4	21.9	31.4	43.8	70.0	118.7	202.3	331.9	788.6
1988	24.0	21.6	22.0	33.7	47.1	70.7	110.8	190.3	319.9	719.2
1987	22.3	17.1	21.9	26.8	46.3	65.0	100.6	171.6	324.0	679.3
1986	22.9	16.8	21.0	29.9	48.8	68.8	108.8	183.0	328.6	705.0
1985	21.9	16.2	22.5	30.3	48.3	63.5	103.4	181.9	331.8	643.1
1984	19.9	15.2	23.2	27.9	41.1	59.7	102.5	161.9	293.2	550.5
1983	18.6	15.2	20.4	29.8	41.5	56.3	92.7	147.8	272.7	503.8
1982	17.3	18.3	18.9	30.0	40.9	48.2	91.9	116.7	247.7	444.9
1981	18.9	18.8	24.0	35.3	45.6	60.8	89.7	137.6	267.9	485.7
1980	20.9	20.4	24.1	36.7	45.1	71.0	97.6	168.1	281.7	564.6
1979	17.9	16.7	24.3	29.4	42.1	52.9	88.7	130.1	208.5	429.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonia (480-486)										
Black, male										
1998	24.6	16.4	22.8	33.6	58.2	88.6	167.2	285.5	535.6	1,029.7
1997	23.9	21.2	22.8	35.4	55.5	82.3	147.0	274.8	483.0	1,044.4
1996	25.4	21.7	24.0	39.6	58.8	84.4	172.5	262.1	524.2	1,077.3
1995	25.0	23.4	26.4	38.7	53.5	89.9	166.1	257.5	511.6	1,037.7
1994	24.6	21.8	27.9	37.5	51.4	86.7	145.5	276.6	478.3	1,026.8
1993	26.0	23.8	25.4	38.9	62.1	95.8	159.3	296.4	511.0	1,013.2
1992	25.1	19.7	25.9	42.6	56.2	93.9	157.8	249.0	509.5	961.2
1991	26.4	23.0	28.8	41.3	60.8	87.1	153.2	280.3	512.3	1,053.9
1990	28.5	23.9	32.4	42.2	68.4	108.1	175.9	278.7	547.0	1,042.7
1989	29.0	26.7	34.6	47.8	68.5	109.2	190.5	287.1	478.4	998.5
1988	28.6	34.6	35.6	50.4	72.5	107.1	164.0	294.4	463.8	946.2
1987	27.3	25.8	33.5	41.5	71.7	96.8	163.5	269.7	478.3	948.4
1986	27.9	24.7	30.3	45.5	71.6	105.2	172.6	277.3	482.2	1,025.4
1985	26.8	25.7	33.7	45.7	72.4	99.1	169.5	264.7	470.1	879.0
1984	24.9	24.4	37.8	43.3	66.4	89.6	161.2	253.3	416.7	759.0
1983	24.1	23.1	31.3	45.2	66.5	88.7	149.6	227.3	430.5	710.0
1982	22.1	31.0	28.5	43.6	63.7	74.9	147.9	171.4	361.3	619.0
1981	24.5	29.0	39.1	55.9	71.4	95.8	141.0	202.5	396.1	680.4
1980	26.6	33.2	37.9	53.4	74.1	111.6	142.8	245.8	398.5	809.3
1979	23.0	26.3	37.8	45.0	64.2	82.8	127.4	193.2	311.7	634.6
Pneumonia (480-486)										
Black, female										
1998	22.1	8.5	11.0	15.3	27.6	38.8	73.5	139.9	291.1	726.7
1997	21.4	9.7	9.8	16.6	28.9	40.2	82.5	132.2	268.7	685.8
1996	20.9	8.0	11.8	18.4	27.1	43.3	75.0	118.4	270.5	677.5
1995	21.2	9.2	10.6	17.0	26.9	39.0	84.0	136.7	270.3	670.3
1994	20.3	9.3	11.5	14.8	26.0	45.4	71.0	124.8	244.5	658.0
1993	21.3	9.9	9.3	17.2	28.8	40.1	83.8	134.5	260.8	693.3
1992	19.2	7.0	10.1	12.2	25.4	44.3	68.6	112.9	246.5	641.6
1991	20.7	9.6	14.7	16.4	26.0	42.9	76.9	130.0	259.6	654.4
1990	20.9	7.8	12.4	18.4	31.8	44.1	75.6	138.8	255.9	693.9
1989	21.3	9.7	11.6	18.3	25.0	41.6	71.7	152.2	255.1	703.3
1988	19.8	10.7	10.8	20.4	27.8	44.3	75.5	128.0	243.8	620.1
1987	17.8	9.9	12.5	15.0	26.9	41.8	59.0	112.1	240.9	559.7
1986	18.5	10.3	13.4	17.4	31.4	42.1	66.5	125.3	244.8	558.7
1985	17.5	8.3	13.4	17.7	29.7	37.4	59.7	130.4	255.7	533.1
1984	15.5	7.6	11.2	15.4	21.4	37.6	63.2	104.5	225.0	451.9
1983	13.8	8.7	11.5	17.3	22.1	32.5	54.4	96.5	183.4	404.0
1982	13.1	7.8	11.2	18.9	23.1	28.5	53.4	82.1	181.9	359.3
1981	13.9	10.4	11.8	18.4	25.2	35.0	53.8	95.5	193.2	385.0
1980	15.7	9.8	12.9	23.1	22.2	40.8	65.5	117.5	211.7	442.3
1979	13.2	8.8	13.3	16.5	24.6	30.5	60.8	86.4	144.4	326.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute lower respiratory infections (466)										
All races, both sexes										
1998	0.2	*	*	*	*	0.3	0.3	0.7	1.2	3.9
1997	0.2	*	*	*	*	0.3	0.3	0.8	1.2	3.9
1996	0.2	*	*	*	*	0.3	0.5	0.6	1.4	4.1
1995	0.2	*	*	*	*	0.3	0.5	1.0	1.6	4.6
1994	0.2	*	*	*	0.2	0.3	0.6	0.9	2.1	4.7
1993	0.3	*	*	*	0.3	0.3	0.7	1.0	2.3	6.0
1992	0.2	*	*	*	0.2	0.4	0.6	1.1	1.7	4.6
1991	0.3	*	*	0.2	0.2	0.3	0.6	1.3	1.9	6.8
1990	0.3	*	*	0.2	0.3	0.4	0.6	1.2	2.2	6.6
1989	0.3	*	*	*	0.2	0.5	0.7	1.2	2.6	6.2
1988	0.3	*	*	*	0.3	0.4	0.8	1.0	2.5	6.7
1987	0.2	*	*	*	0.2	0.4	0.5	1.2	2.0	5.6
1986	0.2	*	*	*	0.2	0.3	0.9	1.4	2.8	6.0
1985	0.3	*	*	0.2	0.2	0.5	0.6	1.1	2.7	7.0
1984	0.2	*	*	*	0.3	0.4	0.6	0.9	2.3	6.2
1983	0.2	*	*	0.2	0.2	0.3	0.5	1.1	1.8	6.4
1982	0.2	*	*	*	0.2	0.3	0.4	1.1	1.9	5.2
1981	0.2	*	*	0.2	0.3	0.4	0.7	1.3	2.3	5.9
1980	0.3	*	*	0.3	0.3	0.5	0.7	1.1	3.1	7.3
1979	0.2	*	*	0.2	0.3	0.5	0.7	1.0	2.3	5.0
Other acute lower respiratory infections (466)										
All races, male										
1998	0.1	*	*	*	*	*	*	0.8	1.2	4.4
1997	0.1	*	*	*	*	*	*	1.0	*	3.8
1996	0.2	*	*	*	*	*	0.7	0.9	1.4	4.2
1995	0.2	*	*	*	*	*	*	1.1	2.3	5.3
1994	0.2	*	*	*	*	*	0.6	1.2	2.4	4.7
1993	0.2	*	*	*	*	*	0.7	1.1	2.9	6.4
1992	0.2	*	*	*	*	*	0.7	1.4	2.1	4.6
1991	0.2	*	*	*	*	*	0.9	1.7	1.9	7.7
1990	0.2	*	*	*	*	0.5	0.7	1.6	1.9	7.5
1989	0.2	*	*	*	*	0.5	0.7	1.7	3.1	6.5
1988	0.2	*	*	*	*	*	1.2	1.3	2.7	6.5
1987	0.2	*	*	*	*	0.5	0.7	1.6	2.7	7.1
1986	0.2	*	*	*	*	*	1.4	1.9	3.2	6.7
1985	0.3	*	*	*	*	0.6	1.0	1.8	3.4	7.8
1984	0.2	*	*	*	*	0.5	0.8	1.4	2.7	6.8
1983	0.2	*	*	*	*	*	0.7	1.7	*	8.3
1982	0.2	*	*	*	*	*	0.8	1.6	2.0	5.0
1981	0.2	*	*	*	*	0.6	0.8	1.8	3.1	6.4
1980	0.3	*	*	*	*	0.6	0.9	1.6	3.4	7.6
1979	0.3	*	*	*	*	*	1.0	1.4	3.1	6.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over	
Other acute lower respiratory infections (466)											
All races, female											
1998	0.2	*	*	*	*	*	*	*	0.6	1.3	3.7
1997	0.2	*	*	*	*	*	*	*	0.6	1.3	4.0
1996	0.2	*	*	*	*	*	0.4	0.5	1.4	4.1	
1995	0.2	*	*	*	*	*	0.5	0.9	1.1	4.4	
1994	0.2	*	*	*	*	0.4	0.6	0.7	1.9	4.7	
1993	0.3	*	*	*	0.4	*	0.7	1.0	2.0	5.9	
1992	0.2	*	*	*	*	*	0.5	0.9	1.4	4.6	
1991	0.3	*	*	*	*	*	0.4	1.0	1.9	6.4	
1990	0.3	*	*	*	*	0.4	0.5	0.9	2.3	6.3	
1989	0.3	*	*	*	*	0.4	0.6	0.9	2.4	6.0	
1988	0.3	*	*	*	*	*	0.6	0.8	2.3	6.7	
1987	0.2	*	*	*	*	*	*	0.9	1.6	5.0	
1986	0.2	*	*	*	*	*	0.5	1.1	2.6	5.8	
1985	0.2	*	*	*	*	0.4	*	0.6	2.4	6.7	
1984	0.2	*	*	*	*	0.4	*	0.6	2.1	6.0	
1983	0.2	*	*	*	*	*	*	0.7	1.9	5.6	
1982	0.2	*	*	*	*	*	*	0.8	1.9	5.3	
1981	0.3	*	*	*	*	*	0.6	1.0	1.9	5.6	
1980	0.3	*	*	0.4	*	*	0.6	0.8	2.9	7.1	
1979	0.2	*	*	*	*	0.6	*	0.7	1.8	4.5	
Other acute lower respiratory infections (466)											
White, both sexes											
1998	0.2	*	*	*	*	0.3	0.4	0.7	1.3	4.2	
1997	0.2	*	*	*	*	0.3	0.3	0.8	1.3	4.2	
1996	0.2	*	*	*	*	0.3	0.5	0.6	1.5	4.3	
1995	0.2	*	*	*	*	0.3	0.6	1.1	1.6	5.0	
1994	0.2	*	*	*	0.2	0.3	0.6	1.0	1.9	5.0	
1993	0.3	*	*	*	0.3	0.3	0.7	1.1	2.4	6.3	
1992	0.2	*	*	*	*	0.4	0.6	1.2	1.6	4.9	
1991	0.3	*	*	*	0.2	0.3	0.6	1.3	1.9	6.9	
1990	0.3	*	*	*	0.3	0.5	0.6	1.2	2.4	7.0	
1989	0.3	*	*	*	*	0.5	0.7	1.3	2.7	6.4	
1988	0.3	*	*	*	0.3	0.4	0.9	1.0	2.5	6.9	
1987	0.2	*	*	*	0.2	0.4	0.5	1.3	2.0	5.9	
1986	0.3	*	*	*	0.2	0.4	0.9	1.4	2.9	6.4	
1985	0.3	*	*	*	0.2	0.5	0.6	1.1	2.7	7.4	
1984	0.2	*	*	*	0.3	0.5	0.5	1.0	2.4	6.6	
1983	0.2	*	*	0.2	*	0.3	0.5	1.1	2.0	6.9	
1982	0.2	*	*	*	0.2	0.2	0.5	1.1	1.9	5.5	
1981	0.3	*	*	0.2	0.3	0.4	0.7	1.3	2.4	6.2	
1980	0.3	*	*	0.2	0.3	0.5	0.7	1.2	3.3	7.6	
1979	0.2	*	*	*	0.2	0.5	0.7	1.1	2.4	5.3	

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute lower respiratory infections (466)										
White, male										
1998	0.1	*	*	*	*	*	*	0.7	1.2	4.5
1997	0.1	*	*	*	*	*	*	1.0	*	3.9
1996	0.2	*	*	*	*	*	0.7	0.8	1.6	4.2
1995	0.2	*	*	*	*	*	*	1.1	2.4	5.6
1994	0.2	*	*	*	*	*	0.6	1.3	2.3	5.1
1993	0.2	*	*	*	*	*	0.8	1.1	2.9	6.5
1992	0.2	*	*	*	*	*	0.8	1.5	1.9	4.8
1991	0.2	*	*	*	*	*	0.8	1.7	1.9	7.8
1990	0.2	*	*	*	*	0.5	0.7	1.6	2.1	8.3
1989	0.2	*	*	*	*	0.5	0.8	1.8	3.2	7.1
1988	0.2	*	*	*	*	*	1.3	1.3	2.8	7.0
1987	0.2	*	*	*	*	*	0.8	1.7	2.8	7.5
1986	0.3	*	*	*	*	*	1.4	2.0	3.3	7.2
1985	0.3	*	*	*	*	*	1.0	1.8	3.2	8.1
1984	0.2	*	*	*	*	0.5	0.8	1.5	2.7	7.3
1983	0.2	*	*	*	*	*	*	1.7	*	9.0
1982	0.2	*	*	*	*	*	0.8	1.6	*	5.4
1981	0.3	*	*	*	*	0.6	0.8	1.9	3.2	6.8
1980	0.3	*	*	*	*	0.6	0.8	1.7	3.6	7.7
1979	0.3	*	*	*	*	*	1.0	1.5	3.4	6.6
Other acute lower respiratory infections (466)										
White, female										
1998	0.2	*	*	*	*	*	*	0.7	1.3	4.0
1997	0.2	*	*	*	*	*	*	0.6	1.4	4.3
1996	0.2	*	*	*	*	*	0.4	*	1.4	4.3
1995	0.2	*	*	*	*	*	0.6	1.0	1.1	4.7
1994	0.3	*	*	*	*	0.5	0.6	0.8	1.7	5.0
1993	0.3	*	*	*	*	*	0.7	1.1	2.1	6.2
1992	0.2	*	*	*	*	*	0.5	0.9	1.5	4.9
1991	0.3	*	*	*	*	*	*	1.1	1.9	6.5
1990	0.3	*	*	*	*	*	0.5	0.9	2.5	6.5
1989	0.3	*	*	*	*	0.5	0.6	1.0	2.4	6.2
1988	0.3	*	*	*	*	*	0.6	0.8	2.4	6.8
1987	0.2	*	*	*	*	*	*	1.0	1.7	5.3
1986	0.3	*	*	*	*	*	0.5	1.1	2.7	6.1
1985	0.3	*	*	*	*	*	*	*	2.4	7.2
1984	0.2	*	*	*	*	*	*	0.7	2.2	6.3
1983	0.2	*	*	*	*	*	*	0.8	2.1	6.0
1982	0.2	*	*	*	*	*	*	0.8	1.9	5.6
1981	0.3	*	*	*	*	*	0.6	1.0	2.0	6.0
1980	0.3	*	*	*	*	*	0.6	0.9	3.0	7.5
1979	0.2	*	*	*	*	0.6	*	0.8	1.9	4.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute lower respiratory infections (466)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Other acute lower respiratory infections (466)										
All other, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute lower respiratory infections (466)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Other acute lower respiratory infections (466)										
Black, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other acute lower respiratory infections (466)										
Black, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Other acute lower respiratory infections (466)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute bronchitis and bronchiolitis (466)										
All races, both sexes										
1998	0.2	*	*	*	*	0.3	0.3	0.7	1.2	3.9
1997	0.2	*	*	*	*	0.3	0.3	0.8	1.2	3.9
1996	0.2	*	*	*	*	0.3	0.5	0.6	1.4	4.1
1995	0.2	*	*	*	*	0.3	0.5	1.0	1.6	4.6
1994	0.2	*	*	*	0.2	0.3	0.6	0.9	2.1	4.7
1993	0.3	*	*	*	0.3	0.3	0.7	1.0	2.3	6.0
1992	0.2	*	*	*	0.2	0.4	0.6	1.1	1.7	4.6
1991	0.3	*	*	0.2	0.2	0.3	0.6	1.3	1.9	6.8
1990	0.3	*	*	0.2	0.3	0.4	0.6	1.2	2.2	6.6
1989	0.3	*	*	*	0.2	0.5	0.7	1.2	2.6	6.2
1988	0.3	*	*	*	0.3	0.4	0.8	1.0	2.5	6.7
1987	0.2	*	*	*	0.2	0.4	0.5	1.2	2.0	5.6
1986	0.2	*	*	*	0.2	0.3	0.9	1.4	2.8	6.0
1985	0.3	*	*	0.2	0.2	0.5	0.6	1.1	2.7	7.0
1984	0.2	*	*	*	0.3	0.4	0.6	0.9	2.3	6.2
1983	0.2	*	*	0.2	0.2	0.3	0.5	1.1	1.8	6.4
1982	0.2	*	*	*	0.2	0.3	0.4	1.1	1.9	5.2
1981	0.2	*	*	0.2	0.3	0.4	0.7	1.3	2.3	5.9
1980	0.3	*	*	0.3	0.3	0.5	0.7	1.1	3.1	7.3
1979	0.2	*	*	0.2	0.3	0.5	0.7	1.0	2.3	5.0
Acute bronchitis and bronchiolitis (466)										
All races, male										
1998	0.1	*	*	*	*	*	*	0.8	1.2	4.4
1997	0.1	*	*	*	*	*	*	1.0	*	3.8
1996	0.2	*	*	*	*	*	0.7	0.9	1.4	4.2
1995	0.2	*	*	*	*	*	*	1.1	2.3	5.3
1994	0.2	*	*	*	*	*	0.6	1.2	2.4	4.7
1993	0.2	*	*	*	*	*	0.7	1.1	2.9	6.4
1992	0.2	*	*	*	*	*	0.7	1.4	2.1	4.6
1991	0.2	*	*	*	*	*	0.9	1.7	1.9	7.7
1990	0.2	*	*	*	*	0.5	0.7	1.6	1.9	7.5
1989	0.2	*	*	*	*	0.5	0.7	1.7	3.1	6.5
1988	0.2	*	*	*	*	*	1.2	1.3	2.7	6.5
1987	0.2	*	*	*	*	0.5	0.7	1.6	2.7	7.1
1986	0.2	*	*	*	*	*	1.4	1.9	3.2	6.7
1985	0.3	*	*	*	*	0.6	1.0	1.8	3.4	7.8
1984	0.2	*	*	*	*	0.5	0.8	1.4	2.7	6.8
1983	0.2	*	*	*	*	*	0.7	1.7	*	8.3
1982	0.2	*	*	*	*	*	0.8	1.6	2.0	5.0
1981	0.2	*	*	*	*	0.6	0.8	1.8	3.1	6.4
1980	0.3	*	*	*	*	0.6	0.9	1.6	3.4	7.6
1979	0.3	*	*	*	*	*	1.0	1.4	3.1	6.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over	
Acute bronchitis and bronchiolitis (466)											
All races, female											
1998	0.2	*	*	*	*	*	*	*	0.6	1.3	3.7
1997	0.2	*	*	*	*	*	*	*	0.6	1.3	4.0
1996	0.2	*	*	*	*	*	0.4	0.5	1.4	4.1	
1995	0.2	*	*	*	*	*	0.5	0.9	1.1	4.4	
1994	0.2	*	*	*	*	0.4	0.6	0.7	1.9	4.7	
1993	0.3	*	*	*	0.4	*	0.7	1.0	2.0	5.9	
1992	0.2	*	*	*	*	*	0.5	0.9	1.4	4.6	
1991	0.3	*	*	*	*	*	0.4	1.0	1.9	6.4	
1990	0.3	*	*	*	*	0.4	0.5	0.9	2.3	6.3	
1989	0.3	*	*	*	*	0.4	0.6	0.9	2.4	6.0	
1988	0.3	*	*	*	*	*	0.6	0.8	2.3	6.7	
1987	0.2	*	*	*	*	*	*	0.9	1.6	5.0	
1986	0.2	*	*	*	*	*	0.5	1.1	2.6	5.8	
1985	0.2	*	*	*	*	0.4	*	0.6	2.4	6.7	
1984	0.2	*	*	*	*	0.4	*	0.6	2.1	6.0	
1983	0.2	*	*	*	*	*	*	0.7	1.9	5.6	
1982	0.2	*	*	*	*	*	*	0.8	1.9	5.3	
1981	0.3	*	*	*	*	*	0.6	1.0	1.9	5.6	
1980	0.3	*	*	0.4	*	*	0.6	0.8	2.9	7.1	
1979	0.2	*	*	*	*	0.6	*	0.7	1.8	4.5	
Acute bronchitis and bronchiolitis (466)											
White, both sexes											
1998	0.2	*	*	*	*	0.3	0.4	0.7	1.3	4.2	
1997	0.2	*	*	*	*	0.3	0.3	0.8	1.3	4.2	
1996	0.2	*	*	*	*	0.3	0.5	0.6	1.5	4.3	
1995	0.2	*	*	*	*	0.3	0.6	1.1	1.6	5.0	
1994	0.2	*	*	*	0.2	0.3	0.6	1.0	1.9	5.0	
1993	0.3	*	*	*	0.3	0.3	0.7	1.1	2.4	6.3	
1992	0.2	*	*	*	*	0.4	0.6	1.2	1.6	4.9	
1991	0.3	*	*	*	0.2	0.3	0.6	1.3	1.9	6.9	
1990	0.3	*	*	*	0.3	0.5	0.6	1.2	2.4	7.0	
1989	0.3	*	*	*	*	0.5	0.7	1.3	2.7	6.4	
1988	0.3	*	*	*	0.3	0.4	0.9	1.0	2.5	6.9	
1987	0.2	*	*	*	0.2	0.4	0.5	1.3	2.0	5.9	
1986	0.3	*	*	*	0.2	0.4	0.9	1.4	2.9	6.4	
1985	0.3	*	*	*	0.2	0.5	0.6	1.1	2.7	7.4	
1984	0.2	*	*	*	0.3	0.5	0.5	1.0	2.4	6.6	
1983	0.2	*	*	0.2	*	0.3	0.5	1.1	2.0	6.9	
1982	0.2	*	*	*	0.2	0.2	0.5	1.1	1.9	5.5	
1981	0.3	*	*	0.2	0.3	0.4	0.7	1.3	2.4	6.2	
1980	0.3	*	*	0.2	0.3	0.5	0.7	1.2	3.3	7.6	
1979	0.2	*	*	*	0.2	0.5	0.7	1.1	2.4	5.3	

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute bronchitis and bronchiolitis (466)										
White, male										
1998	0.1	*	*	*	*	*	*	0.7	1.2	4.5
1997	0.1	*	*	*	*	*	*	1.0	*	3.9
1996	0.2	*	*	*	*	*	0.7	0.8	1.6	4.2
1995	0.2	*	*	*	*	*	*	1.1	2.4	5.6
1994	0.2	*	*	*	*	*	0.6	1.3	2.3	5.1
1993	0.2	*	*	*	*	*	0.8	1.1	2.9	6.5
1992	0.2	*	*	*	*	*	0.8	1.5	1.9	4.8
1991	0.2	*	*	*	*	*	0.8	1.7	1.9	7.8
1990	0.2	*	*	*	*	0.5	0.7	1.6	2.1	8.3
1989	0.2	*	*	*	*	0.5	0.8	1.8	3.2	7.1
1988	0.2	*	*	*	*	*	1.3	1.3	2.8	7.0
1987	0.2	*	*	*	*	*	0.8	1.7	2.8	7.5
1986	0.3	*	*	*	*	*	1.4	2.0	3.3	7.2
1985	0.3	*	*	*	*	*	1.0	1.8	3.2	8.1
1984	0.2	*	*	*	*	0.5	0.8	1.5	2.7	7.3
1983	0.2	*	*	*	*	*	*	1.7	*	9.0
1982	0.2	*	*	*	*	*	0.8	1.6	*	5.4
1981	0.3	*	*	*	*	0.6	0.8	1.9	3.2	6.8
1980	0.3	*	*	*	*	0.6	0.8	1.7	3.6	7.7
1979	0.3	*	*	*	*	*	1.0	1.5	3.4	6.6
Acute bronchitis and bronchiolitis (466)										
White, female										
1998	0.2	*	*	*	*	*	*	0.7	1.3	4.0
1997	0.2	*	*	*	*	*	*	0.6	1.4	4.3
1996	0.2	*	*	*	*	*	0.4	*	1.4	4.3
1995	0.2	*	*	*	*	*	0.6	1.0	1.1	4.7
1994	0.3	*	*	*	*	0.5	0.6	0.8	1.7	5.0
1993	0.3	*	*	*	*	*	0.7	1.1	2.1	6.2
1992	0.2	*	*	*	*	*	0.5	0.9	1.5	4.9
1991	0.3	*	*	*	*	*	*	1.1	1.9	6.5
1990	0.3	*	*	*	*	*	0.5	0.9	2.5	6.5
1989	0.3	*	*	*	*	0.5	0.6	1.0	2.4	6.2
1988	0.3	*	*	*	*	*	0.6	0.8	2.4	6.8
1987	0.2	*	*	*	*	*	*	1.0	1.7	5.3
1986	0.3	*	*	*	*	*	0.5	1.1	2.7	6.1
1985	0.3	*	*	*	*	*	*	*	2.4	7.2
1984	0.2	*	*	*	*	*	*	0.7	2.2	6.3
1983	0.2	*	*	*	*	*	*	0.8	2.1	6.0
1982	0.2	*	*	*	*	*	*	0.8	1.9	5.6
1981	0.3	*	*	*	*	*	0.6	1.0	2.0	6.0
1980	0.3	*	*	*	*	*	0.6	0.9	3.0	7.5
1979	0.2	*	*	*	*	0.6	*	0.8	1.9	4.8

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute bronchitis and bronchiolitis (466)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Acute bronchitis and bronchiolitis (466)										
All other, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute bronchitis and bronchiolitis (466)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Acute bronchitis and bronchiolitis (466)										
Black, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute bronchitis and bronchiolitis (466)										
Black, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Acute bronchitis and bronchiolitis (466)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic lower respiratory diseases (490-494,496)										
All races, both sexes										
1998	40.8	4.9	11.7	27.9	63.8	125.2	213.4	312.9	440.4	572.2
1997	40.0	5.2	12.1	28.9	65.4	123.9	207.8	306.9	430.6	556.8
1996	39.3	5.2	12.9	30.3	65.0	121.1	204.3	310.2	422.6	536.1
1995	38.6	5.3	13.2	30.8	64.6	121.9	202.0	305.5	414.4	520.1
1994	38.6	5.3	13.3	31.3	67.8	126.4	204.9	307.5	414.1	503.9
1993	38.9	5.2	12.9	32.3	69.9	128.9	211.7	313.7	419.7	489.2
1992	35.8	4.9	12.6	31.8	64.5	120.2	196.5	293.9	376.7	452.6
1991	35.8	5.5	13.3	31.6	67.3	120.9	198.8	293.5	377.6	442.7
1990	34.8	5.5	13.5	32.0	65.6	117.5	196.6	292.1	366.1	433.2
1989	34.2	5.3	14.0	34.6	66.3	115.9	196.3	284.8	352.0	413.5
1988	33.9	5.7	13.9	32.6	66.3	117.3	200.7	281.2	355.9	402.9
1987	32.3	5.3	13.8	31.0	65.3	112.3	192.1	271.4	340.7	382.7
1986	31.9	5.6	14.5	31.7	64.0	115.0	196.1	270.7	327.8	367.4
1985	31.4	5.9	14.9	32.4	63.8	116.0	190.3	266.7	326.6	365.3
1984	29.3	5.4	13.7	31.8	61.7	110.2	182.3	249.7	299.9	334.6
1983	28.3	5.9	14.1	31.2	60.1	111.1	177.3	241.9	289.4	315.1
1982	25.8	5.5	13.3	29.0	55.8	103.8	165.7	221.7	262.9	278.0
1981	25.6	5.9	13.8	29.4	58.8	105.6	167.1	217.9	255.2	275.6
1980	24.7	6.1	13.3	28.7	59.0	103.8	161.6	210.8	246.4	273.9
1979	22.2	5.3	13.1	26.3	56.5	93.5	148.1	186.3	224.1	230.2
Chronic lower respiratory diseases (490-494,496)										
All races, male										
1998	42.2	5.0	11.6	30.1	71.3	145.1	261.0	399.8	605.7	900.6
1997	41.9	5.4	12.5	30.9	72.0	147.3	259.9	394.2	603.4	912.0
1996	41.3	5.3	13.4	32.4	73.5	143.3	247.1	404.9	608.6	886.7
1995	41.4	5.3	13.3	32.8	74.2	145.7	254.3	409.7	608.3	889.8
1994	41.8	5.4	13.9	34.4	78.4	151.6	259.7	412.9	625.1	868.9
1993	42.8	5.5	14.3	35.4	81.5	157.1	268.9	433.5	649.6	877.7
1992	40.3	5.0	13.4	36.4	76.2	151.2	258.1	413.6	596.9	824.7
1991	40.9	5.9	13.2	35.4	79.4	153.5	263.3	424.3	620.7	828.4
1990	40.7	6.0	13.7	37.1	80.2	153.0	271.5	438.1	608.6	815.1
1989	40.0	5.2	14.7	39.7	80.4	152.1	266.9	430.4	591.2	792.3
1988	41.1	6.0	15.4	38.1	84.3	157.3	285.4	438.8	625.6	791.2
1987	39.9	5.1	15.1	36.6	84.4	150.8	279.6	439.8	612.8	747.7
1986	40.3	6.4	16.3	38.6	82.7	157.7	293.7	445.7	605.4	752.0
1985	40.3	6.1	16.9	39.4	83.3	162.7	293.0	446.0	613.3	758.1
1984	38.4	5.8	16.5	39.9	83.0	155.4	285.1	430.6	575.8	699.2
1983	37.9	6.2	16.4	40.8	81.6	160.6	282.3	432.5	567.2	670.6
1982	35.3	5.7	16.3	37.6	77.8	154.8	268.0	405.1	522.9	593.2
1981	35.7	6.5	17.2	39.2	82.8	160.7	279.0	404.2	508.0	600.4
1980	35.1	7.1	16.8	38.8	84.8	162.6	274.8	401.6	502.0	583.4
1979	32.3	6.7	16.5	36.3	82.6	151.2	260.6	357.2	475.2	499.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic lower respiratory diseases (490-494,496)										
All races, female										
1998	39.5	4.9	11.8	25.9	57.0	108.3	176.6	252.8	344.9	441.7
1997	38.1	5.0	11.6	27.1	59.5	104.1	167.6	246.8	332.1	417.5
1996	37.5	5.1	12.4	28.3	57.4	102.3	171.4	245.5	317.9	400.3
1995	36.0	5.2	13.1	28.8	56.0	102.0	161.9	235.1	306.8	377.7
1994	35.6	5.3	12.7	28.4	58.4	105.6	163.0	236.9	298.6	364.1
1993	35.1	4.9	11.6	29.4	59.7	105.8	168.2	234.2	295.1	340.8
1992	31.6	4.7	11.7	27.5	54.1	95.0	149.9	215.2	258.4	310.6
1991	31.0	5.1	13.4	28.0	56.6	94.5	150.4	208.2	248.1	295.0
1990	29.2	5.0	13.3	27.2	52.9	88.7	140.9	198.2	237.3	285.9
1989	28.6	5.5	13.3	29.9	54.2	86.4	144.2	191.4	225.6	266.2
1988	27.0	5.4	12.4	27.7	50.8	84.7	138.5	180.8	213.8	251.3
1987	25.2	5.5	12.6	25.9	48.9	80.8	128.3	164.6	197.8	238.9
1986	23.9	5.0	12.8	25.5	47.9	80.3	125.1	160.3	182.3	214.8
1985	23.0	5.6	13.0	26.2	47.0	78.2	115.9	153.8	176.1	208.5
1984	20.7	5.0	11.2	24.4	43.1	73.7	107.9	136.1	154.9	187.3
1983	19.2	5.5	11.9	22.7	41.5	71.3	101.4	122.3	143.0	169.4
1982	16.9	5.3	10.6	21.4	36.8	62.9	91.7	106.7	125.5	146.7
1981	16.2	5.4	10.6	20.7	38.1	61.5	86.3	101.1	121.1	137.3
1980	15.0	5.1	10.1	19.6	36.7	56.9	79.8	91.2	110.4	138.6
1979	12.7	4.0	10.0	17.3	34.0	47.5	66.8	78.7	89.3	110.3
Chronic lower respiratory diseases (490-494,496)										
White, both sexes										
1998	45.9	4.2	11.3	28.1	66.7	131.9	223.0	326.1	460.0	595.2
1997	44.9	4.6	11.9	29.4	67.9	129.5	217.0	320.3	447.3	578.7
1996	44.0	4.6	12.7	30.5	67.3	126.7	212.5	323.1	439.5	555.9
1995	43.1	4.6	12.8	31.1	66.9	127.2	209.5	318.7	430.4	539.8
1994	43.1	4.8	12.9	31.7	70.6	131.7	212.6	320.8	430.8	523.5
1993	43.3	4.6	12.7	32.8	72.4	134.3	219.5	327.1	435.0	509.4
1992	39.8	4.3	12.3	32.0	66.6	124.4	204.2	307.2	392.0	469.7
1991	39.7	4.8	12.7	32.0	69.1	124.9	206.3	306.7	392.9	460.4
1990	38.4	4.6	13.1	32.0	67.3	121.2	204.2	304.1	379.1	449.3
1989	37.5	4.9	13.3	34.8	67.8	118.8	203.3	295.8	365.1	429.2
1988	37.2	5.0	13.3	32.8	67.5	120.9	207.9	293.3	369.7	419.6
1987	35.5	4.8	13.2	31.2	66.8	115.6	199.4	284.3	353.4	396.4
1986	35.0	5.1	14.1	31.6	65.2	118.7	203.9	283.9	340.9	382.1
1985	34.4	5.4	14.5	32.4	65.0	119.8	199.1	278.6	338.9	380.9
1984	32.0	4.8	13.3	32.1	62.8	114.6	189.6	262.6	309.3	347.9
1983	30.9	5.3	14.1	31.2	60.8	115.6	185.8	254.6	299.4	326.9
1982	28.2	5.0	13.0	28.9	57.2	108.2	173.0	233.2	274.5	290.7
1981	28.0	5.5	13.4	29.6	60.2	110.0	175.2	228.7	264.3	288.5
1980	26.9	5.7	13.0	28.6	60.3	108.4	169.0	221.5	257.0	284.9
1979	24.1	4.8	12.9	26.4	58.1	97.5	154.9	195.0	234.2	239.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic lower respiratory diseases (490-494,496)										
White, male										
1998	46.7	4.3	11.1	29.7	73.1	150.1	268.2	410.5	622.1	930.5
1997	46.3	4.8	12.1	30.7	73.5	150.8	267.1	404.9	615.1	943.1
1996	45.5	4.7	13.2	31.9	74.4	147.4	252.9	414.6	623.1	919.8
1995	45.5	4.5	12.8	32.9	74.8	149.2	258.8	422.2	624.6	918.3
1994	45.9	4.8	13.4	34.6	80.0	155.5	264.0	424.2	643.1	901.7
1993	47.0	5.0	13.9	35.2	82.5	160.8	273.8	444.7	665.8	912.2
1992	44.2	4.5	13.0	36.0	76.9	154.3	263.8	425.9	616.4	856.4
1991	44.7	5.1	12.3	34.8	80.2	155.8	268.9	437.2	641.4	863.8
1990	44.3	5.1	12.9	36.4	80.9	155.5	277.2	449.7	625.0	847.0
1989	43.4	4.7	13.5	39.4	80.9	153.4	271.8	440.4	611.7	824.9
1988	44.5	5.3	14.4	37.5	84.4	159.4	290.4	451.2	646.3	829.0
1987	43.2	4.4	14.3	36.3	85.1	152.6	285.9	457.7	635.5	778.9
1986	43.6	5.8	15.1	37.7	82.7	160.0	301.4	463.1	629.4	785.7
1985	43.7	5.3	16.1	38.7	83.5	166.3	302.7	463.6	637.5	798.1
1984	41.6	4.9	15.5	39.6	83.6	158.9	293.7	451.9	595.0	736.0
1983	41.1	5.4	16.3	40.0	81.3	165.4	292.4	455.5	587.6	702.9
1982	38.3	5.1	15.6	37.2	78.8	159.3	278.4	427.0	548.3	625.2
1981	38.6	5.7	16.4	39.0	83.6	165.2	290.6	424.7	527.9	632.7
1980	37.9	6.6	16.0	38.0	85.5	168.5	286.4	423.2	525.3	611.2
1979	34.9	5.9	15.9	36.0	84.4	156.4	272.3	375.5	500.7	520.1
Chronic lower respiratory diseases (490-494,496)										
White, female										
1998	45.1	4.1	11.6	26.6	60.8	116.2	187.4	267.0	365.6	462.7
1997	43.5	4.4	11.6	28.2	62.8	111.2	177.8	261.6	350.8	436.9
1996	42.5	4.5	12.3	29.2	60.8	108.9	181.1	260.0	335.5	416.1
1995	40.8	4.8	12.9	29.3	59.7	108.5	171.3	248.2	322.3	395.5
1994	40.4	4.8	12.4	28.9	62.0	111.8	173.0	251.0	314.5	380.2
1993	39.8	4.2	11.6	30.5	63.2	112.2	177.7	248.4	310.0	357.5
1992	35.6	4.1	11.6	28.3	57.3	99.7	158.6	228.5	271.7	324.1
1991	34.9	4.4	13.2	29.3	59.1	99.5	158.7	221.1	261.0	308.1
1990	32.8	4.2	13.3	27.9	55.1	93.2	149.5	210.2	249.3	298.3
1989	31.9	5.2	13.1	30.5	56.2	90.4	152.2	202.8	235.5	278.0
1988	30.2	4.8	12.2	28.3	52.6	89.2	146.9	192.6	225.2	262.6
1987	28.1	5.2	12.3	26.5	50.8	85.1	135.8	174.5	206.6	248.3
1986	26.7	4.3	13.1	25.9	49.9	84.8	132.7	171.0	190.9	224.9
1985	25.5	5.4	12.9	26.6	48.8	81.9	123.6	162.6	183.5	217.5
1984	22.9	4.7	11.3	25.2	44.5	78.6	113.9	144.4	160.6	194.1
1983	21.3	5.3	11.9	23.4	42.9	75.2	108.6	129.4	149.0	175.6
1982	18.6	4.9	10.5	21.4	38.2	67.0	96.7	112.5	131.3	153.6
1981	17.9	5.3	10.6	21.2	39.7	65.4	91.9	106.8	126.1	144.5
1980	16.4	4.9	10.1	20.1	38.4	60.0	84.5	96.0	116.0	144.2
1979	13.9	3.9	10.1	17.7	35.3	50.2	70.4	83.1	93.0	115.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic lower respiratory diseases (490-494,496)										
All other, both sexes										
1998	17.3	8.6	13.9	26.4	45.8	79.1	136.0	195.8	243.9	347.2
1997	17.2	8.1	13.3	25.8	49.8	84.7	132.1	184.5	263.4	340.2
1996	17.3	8.7	13.7	28.6	50.2	80.6	134.6	191.4	251.8	340.1
1995	17.0	9.0	15.1	28.8	49.6	83.0	136.0	182.7	252.2	322.2
1994	16.9	8.5	15.7	29.0	49.6	86.1	137.3	180.8	245.1	304.1
1993	17.1	9.0	14.0	29.5	53.2	87.1	142.9	185.4	263.7	281.9
1992	15.8	8.3	14.2	30.2	49.3	87.2	127.7	168.1	218.9	276.1
1991	16.2	10.0	16.8	29.0	54.2	89.0	131.7	167.4	219.3	257.7
1990	16.2	10.7	15.8	31.6	53.2	86.4	127.2	178.2	230.2	262.6
1989	16.5	7.6	18.5	33.0	55.3	91.2	132.6	180.8	215.0	247.3
1988	16.1	9.6	17.7	31.7	57.6	86.7	134.3	167.1	210.6	225.0
1987	15.2	8.5	17.3	29.4	53.7	83.4	125.5	148.5	204.5	235.0
1986	14.8	9.1	17.3	32.6	54.3	82.7	124.0	145.0	187.2	207.8
1985	14.6	8.9	17.3	32.8	54.2	82.7	109.5	152.5	193.0	194.2
1984	13.7	9.3	16.4	29.5	52.3	71.4	114.7	125.9	197.1	188.9
1983	13.2	9.2	14.2	30.8	54.0	71.6	98.2	118.5	177.9	184.1
1982	11.8	8.8	16.0	30.1	43.8	65.0	97.2	109.9	131.7	137.0
1981	11.7	8.4	16.5	27.3	46.6	67.5	90.9	112.6	150.2	128.4
1980	11.6	8.8	15.8	29.0	46.7	63.5	90.8	106.3	121.7	148.3
1979	10.5	8.8	14.9	25.6	41.6	58.9	81.8	101.4	104.5	128.2
Chronic lower respiratory diseases (490-494,496)										
All other, male										
1998	20.6	8.8	14.5	32.4	59.6	108.0	197.1	298.8	431.1	620.3
1997	20.9	8.6	15.2	31.6	62.0	121.1	195.8	291.2	479.2	621.4
1996	20.8	9.0	14.3	35.4	67.0	111.4	194.4	310.1	455.8	579.0
1995	21.0	10.6	16.3	32.4	69.7	117.6	212.7	287.1	438.7	626.0
1994	21.0	9.4	17.0	33.5	67.0	119.7	219.8	299.6	441.4	562.3
1993	21.8	9.3	16.8	37.2	74.1	125.9	222.8	320.9	485.6	556.6
1992	20.2	8.3	15.8	39.1	71.0	125.4	204.5	290.4	399.3	529.7
1991	21.1	11.2	19.2	39.5	73.1	133.8	209.4	297.0	411.8	496.8
1990	21.9	11.8	18.9	42.4	74.4	131.5	217.2	325.2	445.6	517.2
1989	22.0	8.3	23.1	41.8	75.6	140.6	219.6	333.8	386.8	490.1
1988	22.5	10.4	22.5	42.1	83.0	138.2	237.0	320.5	419.7	441.8
1987	21.0	9.7	20.8	39.0	78.2	134.7	219.5	270.2	384.8	455.8
1986	21.3	9.9	24.6	45.3	82.0	136.0	221.1	282.4	363.0	436.0
1985	20.6	11.6	22.2	45.0	81.5	129.9	201.0	282.0	367.3	380.8
1984	19.7	12.0	24.0	42.7	78.0	123.8	203.0	233.7	380.2	354.2
1983	19.2	11.4	17.0	47.2	84.4	117.0	187.0	219.3	356.7	360.9
1982	17.1	10.0	21.5	40.8	68.2	114.0	170.6	201.6	258.5	282.1
1981	17.8	11.7	23.5	40.2	74.9	119.4	169.6	214.5	298.9	279.7
1980	17.6	11.2	23.5	45.4	77.4	108.2	166.8	200.9	253.3	299.5
1979	16.1	13.1	21.1	39.6	65.0	103.9	148.9	194.0	203.5	288.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic lower respiratory diseases (490-494,496)										
All other, female										
1998	14.3	8.4	13.3	21.3	34.8	57.5	94.4	130.1	144.7	232.7
1997	13.8	7.7	11.7	21.1	40.0	57.6	88.6	116.9	149.4	221.6
1996	14.2	8.3	13.1	23.0	36.9	57.6	93.8	116.9	143.4	239.2
1995	13.4	7.6	14.2	25.9	33.8	57.2	83.6	117.4	153.0	192.8
1994	13.0	7.7	14.5	25.2	36.0	61.2	80.7	107.3	139.6	193.4
1993	12.7	8.7	11.6	23.1	37.1	58.4	87.7	102.3	142.7	163.3
1992	11.7	8.2	12.8	22.9	32.5	58.9	75.0	93.2	119.3	165.2
1991	11.7	8.9	14.7	20.4	39.7	56.0	78.5	87.3	112.9	151.8
1990	11.1	9.7	13.2	23.0	37.1	53.1	65.9	87.0	108.6	146.9
1989	11.4	7.0	14.7	25.9	39.8	54.4	73.2	85.1	117.9	134.1
1988	10.3	8.8	13.8	23.3	38.0	48.2	64.2	69.7	89.7	123.7
1987	10.0	7.4	14.5	21.7	34.7	45.2	61.2	70.5	101.5	130.7
1986	9.0	8.5	11.2	22.4	32.9	42.9	57.3	56.5	86.8	98.1
1985	9.1	6.7	13.3	23.0	32.8	47.2	46.2	67.5	92.2	103.3
1984	8.4	6.9	10.1	18.7	32.2	32.2	53.3	54.3	89.5	106.9
1983	7.7	7.3	12.0	17.4	30.0	37.5	35.5	51.0	72.7	96.4
1982	7.1	7.7	11.5	21.3	24.3	28.2	44.1	48.4	56.7	63.9
1981	6.2	5.7	10.8	16.6	23.8	28.2	33.1	43.6	60.0	51.2
1980	6.2	6.7	9.5	15.3	22.2	29.4	34.1	41.8	40.9	70.8
1979	5.5	5.3	9.8	13.9	22.6	24.2	30.7	34.5	42.8	46.5
Chronic lower respiratory diseases (490-494,496)										
Black, both sexes										
1998	20.2	11.1	18.3	33.4	54.8	91.7	156.5	214.0	253.3	331.8
1997	19.7	10.5	16.5	31.1	60.0	96.8	151.4	193.4	264.6	325.4
1996	20.1	11.2	17.7	35.2	60.1	91.7	152.3	201.5	258.4	334.5
1995	19.7	11.5	18.8	35.3	58.6	95.7	151.5	192.5	255.5	308.2
1994	19.6	11.1	19.3	35.1	59.4	99.8	152.7	192.7	239.0	297.6
1993	19.7	11.5	17.9	35.8	62.2	99.6	154.2	194.4	264.4	276.3
1992	18.3	10.6	18.1	36.2	57.0	98.4	139.6	179.5	220.4	270.9
1991	18.6	13.3	21.6	34.6	62.7	98.9	142.1	173.7	217.2	238.5
1990	18.5	13.7	19.1	36.1	61.2	95.4	138.5	182.0	235.2	241.7
1989	18.8	9.3	22.3	38.6	62.5	101.5	143.5	187.7	216.3	235.5
1988	18.4	11.9	21.5	37.2	65.8	97.6	144.7	170.6	211.8	213.1
1987	17.2	10.2	19.9	34.1	60.5	91.7	134.7	151.1	208.7	217.3
1986	16.8	11.0	20.4	37.4	62.1	91.9	133.7	147.2	183.5	199.0
1985	16.3	10.9	19.5	36.8	60.1	90.4	116.8	153.7	194.3	183.1
1984	15.2	11.0	19.0	32.9	58.7	77.2	120.6	128.9	191.9	170.5
1983	14.6	11.0	16.7	34.6	60.2	75.6	101.7	122.5	171.4	176.1
1982	13.2	10.5	18.5	34.0	48.5	69.9	104.4	109.0	130.7	129.5
1981	13.0	9.9	18.6	31.1	50.7	71.8	94.8	114.9	152.2	123.2
1980	12.7	10.0	18.0	32.2	51.9	66.9	95.3	108.5	125.4	132.7
1979	11.2	10.2	16.7	28.2	44.3	61.8	84.1	103.0	99.0	106.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic lower respiratory diseases (490-494,496)										
Black, male										
1998	23.9	11.1	18.9	41.0	71.1	125.5	230.1	334.7	470.7	613.5
1997	23.9	11.1	18.8	37.6	75.7	139.1	226.3	315.5	503.0	617.5
1996	24.1	12.0	19.0	44.6	81.5	125.9	221.0	329.2	491.7	606.4
1995	24.4	13.7	21.1	40.3	84.3	134.9	239.8	313.8	470.5	624.1
1994	24.5	12.6	20.9	41.7	80.9	138.0	249.5	327.8	463.3	570.6
1993	25.3	12.1	22.2	46.0	86.5	144.7	245.6	351.0	512.0	567.9
1992	23.5	10.7	20.0	47.9	82.1	141.5	225.5	323.0	421.1	546.5
1991	24.5	14.9	25.3	47.5	87.1	151.1	231.0	323.8	426.6	482.7
1990	25.2	15.4	23.0	49.8	86.8	144.7	241.1	343.0	477.9	498.0
1989	25.2	9.8	28.1	49.8	85.0	158.3	241.7	353.9	409.3	481.8
1988	25.9	12.9	28.2	48.7	96.7	159.1	263.2	335.6	447.9	441.5
1987	23.9	11.7	25.1	44.9	89.7	151.3	241.0	285.1	403.3	440.6
1986	24.1	12.4	29.9	52.0	94.0	152.2	244.0	295.9	357.8	423.8
1985	23.4	14.4	25.1	50.3	91.5	146.3	222.8	291.8	380.5	374.2
1984	21.9	14.8	27.4	47.9	88.5	135.3	217.6	247.9	386.9	326.2
1983	21.4	13.5	20.4	53.8	94.8	125.7	198.8	235.8	343.9	346.7
1982	19.1	12.1	25.1	46.1	75.3	124.3	188.0	208.1	257.5	272.4
1981	19.8	13.9	26.6	46.0	82.7	130.6	182.4	225.9	307.8	271.4
1980	19.3	13.1	26.5	50.2	86.5	115.8	179.0	209.9	270.6	271.6
1979	17.4	15.1	23.8	44.2	71.8	110.7	160.6	206.8	196.1	246.2
Chronic lower respiratory diseases (490-494,496)										
Black, female										
1998	16.9	11.1	17.8	27.2	42.1	66.6	108.0	140.7	147.5	225.6
1997	16.0	10.0	14.7	25.9	47.8	65.4	102.1	119.8	149.3	214.1
1996	16.6	10.5	16.6	27.6	43.4	66.3	107.2	125.0	144.9	230.5
1995	15.5	9.7	16.8	31.2	38.7	66.6	93.7	120.2	150.8	185.8
1994	15.2	9.8	17.9	29.8	42.9	71.6	89.2	113.4	128.5	190.9
1993	14.7	11.0	14.3	27.6	43.5	66.5	93.5	103.5	140.4	160.8
1992	13.6	10.5	16.5	26.9	37.8	66.8	82.8	96.6	118.5	159.8
1991	13.3	11.9	18.5	24.4	44.1	60.9	83.5	86.1	110.8	138.2
1990	12.6	12.4	15.9	25.3	41.9	59.7	71.1	87.6	109.5	133.0
1989	13.1	8.9	17.5	29.7	45.5	60.4	79.1	89.4	115.1	130.7
1988	11.7	11.0	15.9	28.1	42.4	53.0	66.3	72.0	87.1	113.4
1987	11.2	8.9	15.6	25.4	38.3	48.3	64.3	69.9	104.1	118.1
1986	10.2	9.9	12.7	25.6	37.7	47.6	60.6	56.2	88.5	96.4
1985	10.0	7.9	14.8	25.8	35.9	49.4	46.8	67.8	91.8	94.0
1984	9.2	7.9	12.0	20.6	35.7	34.4	55.9	54.1	84.2	96.9
1983	8.5	9.0	13.7	19.0	33.3	38.7	36.1	49.8	73.8	93.5
1982	7.9	9.2	13.1	24.2	27.4	29.8	46.9	45.8	57.2	59.3
1981	6.8	6.6	12.1	19.0	25.6	28.6	33.6	43.0	61.4	48.7
1980	6.8	7.5	11.2	17.5	24.4	30.5	35.8	42.6	38.4	63.2
1979	5.7	6.1	10.9	15.1	22.4	25.2	29.0	31.8	38.7	36.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Bronchitis, chronic and unspecified (490-491)										
All races, both sexes										
1998	1.1	0.2	0.4	0.8	1.7	2.8	4.6	7.3	10.9	20.2
1997	1.1	0.2	0.4	0.7	1.6	2.8	5.0	7.4	11.1	21.2
1996	1.2	0.2	0.5	0.8	1.7	3.2	5.2	7.9	11.9	20.5
1995	1.3	0.2	0.4	0.9	1.8	3.6	5.3	8.3	12.7	24.2
1994	1.4	0.3	0.5	1.0	2.1	4.0	6.0	9.8	12.9	24.7
1993	1.5	0.2	0.6	1.1	2.3	3.8	6.8	10.1	14.5	26.6
1992	1.4	0.2	0.6	1.2	2.4	4.1	6.8	10.0	14.4	25.3
1991	1.5	0.3	0.6	1.2	2.6	3.7	7.1	11.0	14.3	26.4
1990	1.4	0.3	0.5	1.2	2.4	3.8	6.5	10.5	16.1	27.0
1989	1.5	0.2	0.6	1.5	2.3	4.3	7.0	11.2	15.7	29.8
1988	1.5	0.3	0.5	1.3	2.6	4.3	7.7	11.9	14.8	27.7
1987	1.5	0.2	0.5	1.2	2.5	4.0	7.0	11.2	16.6	27.9
1986	1.6	0.2	0.6	1.2	2.6	4.4	8.2	12.0	17.4	28.8
1985	1.5	0.3	0.5	1.3	2.7	4.8	8.0	10.6	16.5	29.1
1984	1.5	0.3	0.6	1.3	2.9	4.3	8.7	11.6	16.0	26.3
1983	1.5	0.3	0.7	1.5	2.8	5.5	8.0	11.5	15.9	27.0
1982	1.5	0.3	0.8	1.5	2.8	5.4	8.0	12.3	15.5	24.6
1981	1.6	0.4	0.7	1.8	3.4	5.7	9.2	12.8	15.5	26.8
1980	1.6	0.3	0.8	1.7	3.6	6.2	9.4	12.9	17.9	25.8
1979	1.6	0.3	0.9	1.9	3.8	6.3	9.2	12.4	17.3	23.0
Bronchitis, chronic and unspecified (490-491)										
All races, male										
1998	1.1	*	0.4	1.1	1.9	3.1	5.9	9.2	13.9	28.6
1997	1.1	*	0.4	0.7	1.5	3.1	6.0	9.1	15.2	30.9
1996	1.2	*	0.4	0.8	1.9	3.7	6.5	10.1	17.8	30.6
1995	1.3	*	0.5	1.0	1.9	4.4	6.8	11.4	18.1	33.2
1994	1.4	0.2	0.6	1.0	2.3	4.5	7.6	12.7	19.4	34.8
1993	1.5	*	0.6	1.0	2.6	4.7	8.4	14.1	21.1	38.6
1992	1.5	*	0.6	1.3	2.7	4.5	8.7	13.5	21.3	34.1
1991	1.6	0.4	0.7	1.3	3.1	4.4	8.9	15.9	22.4	41.7
1990	1.5	0.3	0.5	1.5	2.8	4.8	8.9	14.8	25.0	39.7
1989	1.6	*	0.6	1.6	2.7	5.7	8.9	16.1	25.2	42.6
1988	1.7	*	0.6	1.4	2.8	5.7	10.7	18.2	23.9	41.0
1987	1.6	*	0.6	1.3	2.9	5.1	9.2	16.7	26.7	40.1
1986	1.8	*	0.7	1.3	3.3	6.0	11.1	18.8	29.8	43.9
1985	1.8	*	0.4	1.7	3.2	6.6	12.1	17.5	27.9	44.3
1984	1.8	*	0.7	1.7	3.6	5.9	13.0	18.8	25.3	41.9
1983	1.9	0.4	1.0	1.9	3.6	7.7	12.5	20.1	25.7	45.5
1982	1.9	*	0.9	1.7	3.8	7.8	12.3	21.7	27.5	43.1
1981	2.1	0.4	0.8	2.5	4.8	8.1	14.9	22.1	28.5	48.2
1980	2.2	0.4	1.1	2.1	5.0	9.6	15.7	23.3	32.0	42.1
1979	2.2	0.4	1.1	2.4	5.1	9.5	15.0	23.1	34.8	45.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Bronchitis, chronic and unspecified (490-491)										
All races, female										
1998	1.1	*	0.4	0.6	1.5	2.6	3.5	5.9	9.2	16.8
1997	1.1	*	0.5	0.7	1.6	2.6	4.3	6.2	8.8	17.4
1996	1.1	0.2	0.5	0.9	1.5	2.7	4.1	6.5	8.5	16.6
1995	1.2	*	*	0.8	1.6	2.9	4.1	6.2	9.7	20.7
1994	1.3	0.3	0.5	1.1	1.8	3.6	4.8	7.9	9.3	20.8
1993	1.4	0.2	0.5	1.2	2.0	3.1	5.7	7.5	11.0	22.1
1992	1.4	*	0.7	1.1	2.0	3.7	5.3	7.7	10.7	21.9
1991	1.4	*	0.6	1.1	2.1	3.2	5.7	7.8	10.0	20.6
1990	1.4	*	0.5	1.0	2.1	2.9	4.7	7.8	11.4	22.2
1989	1.4	*	0.6	1.4	2.0	3.1	5.6	8.0	10.8	24.8
1988	1.4	*	0.4	1.3	2.4	3.2	5.6	7.8	10.0	22.5
1987	1.4	*	0.4	1.2	2.1	3.2	5.4	7.6	11.4	23.2
1986	1.4	*	0.6	1.1	2.0	3.1	6.2	7.7	10.9	22.8
1985	1.3	*	0.7	1.0	2.3	3.4	5.1	6.3	10.5	23.0
1984	1.3	*	0.5	1.0	2.2	3.0	5.5	7.1	11.1	20.0
1983	1.2	*	0.5	1.2	2.0	3.7	4.8	6.1	10.8	19.4
1982	1.1	0.4	0.7	1.3	2.0	3.5	4.8	6.4	9.2	16.9
1981	1.1	*	0.5	1.1	2.2	3.7	5.1	6.9	8.6	17.6
1980	1.2	*	0.5	1.4	2.3	3.4	4.8	6.3	10.4	18.7
1979	1.1	*	0.7	1.4	2.7	3.8	5.0	5.7	8.0	13.2
Bronchitis, chronic and unspecified (490-491)										
White, both sexes										
1998	1.2	0.2	0.4	0.9	1.8	2.9	4.8	7.7	11.4	21.3
1997	1.2	0.1	0.5	0.7	1.7	2.9	5.1	7.7	11.3	22.2
1996	1.3	0.2	0.5	0.8	1.7	3.2	5.4	8.2	12.5	21.3
1995	1.4	0.2	0.4	0.9	1.9	3.7	5.5	8.7	12.9	24.8
1994	1.5	0.3	0.6	1.1	2.2	4.1	6.2	10.2	13.5	25.7
1993	1.6	0.2	0.6	1.1	2.4	4.0	7.3	10.5	15.3	27.7
1992	1.6	0.2	0.7	1.2	2.5	4.3	7.1	10.5	15.3	26.3
1991	1.6	0.2	0.5	1.2	2.7	3.9	7.6	11.7	15.0	27.5
1990	1.6	0.3	0.5	1.3	2.6	3.9	6.9	10.8	16.8	28.3
1989	1.7	0.2	0.6	1.5	2.3	4.5	7.3	11.7	16.6	31.3
1988	1.7	0.3	0.5	1.4	2.7	4.5	8.1	12.6	15.6	29.3
1987	1.7	0.2	0.5	1.3	2.6	4.2	7.4	11.8	17.5	29.5
1986	1.7	0.2	0.7	1.2	2.8	4.6	8.7	12.5	18.0	30.4
1985	1.7	0.3	0.5	1.4	2.8	5.2	8.5	11.2	17.3	30.7
1984	1.7	0.3	0.6	1.4	2.9	4.6	9.2	12.4	16.8	27.9
1983	1.7	0.3	0.7	1.6	2.9	5.7	8.5	12.1	16.9	28.0
1982	1.7	0.3	0.9	1.5	3.0	5.8	8.5	13.1	16.2	25.8
1981	1.8	0.4	0.7	1.8	3.6	6.0	9.7	13.4	16.1	28.3
1980	1.8	0.3	0.8	1.7	3.7	6.5	10.0	13.6	18.9	27.2
1979	1.8	0.3	0.9	2.0	4.0	6.7	9.7	13.0	18.1	24.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Bronchitis, chronic and unspecified (490-491)										
White, male										
1998	1.2	*	0.4	1.2	2.0	3.1	6.1	9.6	14.2	29.9
1997	1.2	*	0.4	0.7	1.7	3.0	5.9	9.6	15.1	32.3
1996	1.3	*	0.4	0.7	1.9	3.5	6.8	10.3	18.4	32.3
1995	1.4	*	0.4	1.1	2.1	4.4	6.9	11.8	18.2	34.1
1994	1.5	*	0.6	1.0	2.6	4.4	7.6	12.7	20.5	36.4
1993	1.6	*	0.6	1.0	2.6	4.8	8.8	14.4	22.2	40.3
1992	1.6	*	0.6	1.2	2.8	4.7	9.1	14.1	22.4	35.6
1991	1.7	*	0.5	1.2	3.2	4.5	9.3	16.7	23.4	44.0
1990	1.7	0.3	0.5	1.5	2.9	4.9	9.4	14.7	25.6	42.1
1989	1.8	*	0.6	1.6	2.8	5.9	9.2	16.5	26.9	45.1
1988	1.8	*	0.6	1.4	2.8	5.7	11.1	19.1	25.2	43.6
1987	1.8	*	0.6	1.4	3.0	5.3	9.5	17.7	28.2	42.2
1986	1.9	*	0.7	1.2	3.5	6.1	11.7	19.5	30.7	46.6
1985	2.0	*	0.4	1.7	3.3	7.0	12.7	18.4	29.7	46.9
1984	2.0	*	0.8	1.8	3.7	6.3	13.6	20.0	26.9	44.9
1983	2.1	*	1.0	1.9	3.7	7.9	13.1	21.3	27.3	46.8
1982	2.1	*	1.0	1.8	3.9	8.2	13.1	23.2	28.8	45.4
1981	2.3	0.4	0.8	2.5	5.0	8.4	15.4	23.2	29.9	51.3
1980	2.3	*	1.0	2.0	5.2	10.0	16.6	24.7	34.0	44.3
1979	2.4	*	1.1	2.6	5.3	10.0	15.8	24.4	36.6	47.5
Bronchitis, chronic and unspecified (490-491)										
White, female										
1998	1.3	*	0.4	0.7	1.6	2.7	3.7	6.3	9.8	18.0
1997	1.3	*	0.5	0.7	1.7	2.8	4.5	6.5	9.2	18.3
1996	1.3	*	0.5	1.0	1.6	2.8	4.4	6.7	9.1	17.1
1995	1.4	*	*	0.8	1.7	3.1	4.4	6.5	10.0	21.3
1994	1.5	0.3	0.5	1.1	1.9	3.9	5.1	8.5	9.7	21.6
1993	1.6	*	0.6	1.3	2.2	3.3	6.1	7.8	11.5	23.0
1992	1.6	*	0.7	1.2	2.2	4.0	5.6	8.1	11.4	22.8
1991	1.5	*	0.5	1.1	2.3	3.4	6.3	8.4	10.5	21.2
1990	1.5	*	0.6	1.1	2.3	3.1	5.1	8.3	12.1	23.1
1989	1.6	*	0.6	1.5	1.9	3.3	5.9	8.6	11.2	26.0
1988	1.6	*	0.4	1.4	2.6	3.4	6.0	8.4	10.7	23.8
1987	1.5	*	0.4	1.3	2.2	3.4	5.8	8.1	11.9	24.5
1986	1.5	*	0.7	1.3	2.2	3.3	6.6	8.1	11.5	24.1
1985	1.4	*	0.6	1.1	2.3	3.6	5.4	6.8	10.8	24.4
1984	1.4	*	0.5	1.1	2.2	3.2	6.0	7.6	11.6	21.1
1983	1.3	*	0.5	1.3	2.2	4.0	5.2	6.4	11.5	20.5
1982	1.3	*	0.8	1.3	2.1	3.8	5.2	6.8	9.7	17.8
1981	1.3	*	0.6	1.1	2.3	4.1	5.5	7.3	8.8	18.7
1980	1.3	*	0.5	1.5	2.4	3.7	5.2	6.7	10.9	19.9
1979	1.2	*	0.7	1.5	2.9	4.1	5.4	5.9	8.3	13.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Bronchitis, chronic and unspecified (490-491)										
All other, both sexes										
1998	0.4	*	*	*	*	2.1	3.1	3.7	5.8	8.8
1997	0.5	*	*	*	*	2.3	4.1	4.0	8.7	11.4
1996	0.6	*	*	*	*	3.2	2.8	5.6	5.5	11.8
1995	0.6	*	*	*	*	2.7	3.5	4.9	10.3	17.7
1994	0.6	*	*	*	*	2.8	4.4	6.4	6.1	14.8
1993	0.6	*	*	*	1.6	2.3	3.2	7.0	7.1	15.4
1992	0.6	*	*	*	1.6	2.5	3.9	5.6	*	15.1
1991	0.6	*	*	*	1.8	2.4	2.5	4.5	7.9	15.1
1990	0.6	*	*	*	*	2.3	2.8	7.4	9.0	13.4
1989	0.6	*	*	*	1.8	2.7	4.1	6.4	6.6	14.5
1988	0.6	*	*	*	1.8	3.1	4.0	5.3	*	10.9
1987	0.5	*	*	*	1.7	2.4	3.7	5.1	7.5	11.7
1986	0.6	*	*	*	*	3.1	3.9	6.9	10.1	11.3
1985	0.6	*	*	*	2.1	*	4.0	4.6	8.5	10.8
1984	0.5	*	*	*	2.6	*	3.9	4.2	*	*
1983	0.6	*	*	*	*	3.3	3.5	5.7	*	15.4
1982	0.5	*	*	*	*	*	2.9	4.6	*	11.0
1981	0.6	*	*	1.6	*	2.4	4.8	6.3	8.7	*
1980	0.7	*	*	*	2.5	3.5	3.9	5.9	*	*
1979	0.6	*	*	*	2.2	2.9	3.9	6.6	*	*
Bronchitis, chronic and unspecified (490-491)										
All other, male										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	6.2	*	16.2	*
1996	0.6	*	*	*	*	4.6	*	8.0	*	*
1995	0.7	*	*	*	*	4.1	5.9	*	17.0	25.1
1994	0.7	*	*	*	*	4.6	7.1	12.5	*	*
1993	0.7	*	*	*	*	*	*	10.7	*	22.7
1992	0.7	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	15.2	18.6	*
1989	0.7	*	*	*	*	*	6.3	12.2	*	*
1988	0.8	*	*	*	*	5.2	7.4	9.6	*	*
1987	0.7	*	*	*	*	*	6.8	*	*	*
1986	0.8	*	*	*	*	5.0	*	11.9	20.4	*
1985	0.7	*	*	*	*	*	*	9.7	*	*
1984	0.7	*	*	*	*	*	7.4	*	*	*
1983	0.9	*	*	*	*	5.3	6.8	*	*	33.3
1982	0.7	*	*	*	*	*	*	*	*	*
1981	1.0	*	*	*	*	5.1	10.2	11.8	*	*
1980	1.0	*	*	*	*	6.5	7.3	*	*	*
1979	0.9	*	*	*	*	5.2	*	10.9	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Bronchitis, chronic and unspecified (490-491)										
All other, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	8.7
1996	0.5	*	*	*	*	*	*	*	*	10.6
1995	0.5	*	*	*	*	*	*	*	*	14.5
1994	0.5	*	*	*	*	*	*	*	*	12.6
1993	0.5	*	*	*	*	*	*	*	*	12.2
1992	0.5	*	*	*	*	*	*	*	*	12.8
1991	0.5	*	*	*	*	*	*	*	*	13.0
1990	0.4	*	*	*	*	*	*	*	*	11.7
1989	0.5	*	*	*	*	*	*	*	*	11.9
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Bronchitis, chronic and unspecified (490-491)										
Black, both sexes										
1998	0.5	*	*	*	*	2.3	3.2	3.6	6.2	*
1997	0.6	*	*	*	*	2.2	4.4	4.4	7.7	10.5
1996	0.6	*	*	*	*	3.2	*	5.9	*	12.5
1995	0.7	*	*	*	*	3.0	3.7	4.5	8.9	15.8
1994	0.6	*	*	*	*	2.8	5.2	6.4	6.2	13.5
1993	0.7	*	*	*	*	*	3.9	6.3	6.7	13.1
1992	0.6	*	*	*	*	2.9	4.4	4.9	*	14.9
1991	0.7	*	*	*	*	2.7	*	4.3	7.7	12.2
1990	0.6	*	*	*	*	2.7	3.3	7.2	8.0	9.0
1989	0.7	*	*	*	2.2	3.2	4.9	6.3	7.1	13.2
1988	0.6	*	*	*	2.1	3.2	4.3	4.9	*	9.8
1987	0.6	*	*	*	*	2.4	3.8	5.0	8.4	*
1986	0.6	*	*	*	*	3.6	4.2	5.7	10.2	*
1985	0.6	*	*	*	2.2	*	4.0	4.5	*	*
1984	0.6	*	*	*	2.9	*	4.2	*	*	*
1983	0.6	*	*	*	*	3.2	3.6	5.9	*	13.6
1982	0.6	*	*	*	*	*	3.4	4.8	*	*
1981	0.7	*	*	*	*	2.8	4.8	6.7	*	*
1980	0.7	*	*	*	2.5	3.7	4.1	5.2	*	*
1979	0.6	*	*	*	2.4	3.0	3.9	5.8	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Bronchitis, chronic and unspecified (490-491)										
Black, male										
1998	0.6	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.7	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	8.4	12.9	*	*
1993	0.8	*	*	*	*	*	*	11.6	*	*
1992	0.8	*	*	*	*	*	*	*	*	*
1991	0.9	*	*	*	*	*	*	*	*	*
1990	0.9	*	*	*	*	*	*	15.7	*	*
1989	0.8	*	*	*	*	*	7.9	11.2	*	*
1988	0.9	*	*	*	*	*	8.0	*	*	*
1987	0.7	*	*	*	*	*	*	*	*	*
1986	0.9	*	*	*	*	5.8	*	*	*	*
1985	0.7	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	8.2	*	*	*
1983	0.9	*	*	*	*	*	*	*	*	*
1982	0.8	*	*	*	*	*	*	*	*	*
1981	1.0	*	*	*	*	6.0	10.5	12.7	*	*
1980	1.1	*	*	*	*	6.9	*	*	*	*
1979	0.9	*	*	*	*	*	*	*	*	*
Bronchitis, chronic and unspecified (490-491)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	12.0
1995	0.5	*	*	*	*	*	*	*	*	12.4
1994	0.5	*	*	*	*	*	*	*	*	12.0
1993	0.6	*	*	*	*	*	*	*	*	10.8
1992	0.5	*	*	*	*	*	*	*	*	13.0
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Emphysema (492)										
All races, both sexes										
1998	6.4	0.7	2.1	5.4	12.6	24.9	38.5	50.3	64.3	60.2
1997	6.4	0.8	2.0	5.3	13.1	24.8	39.1	52.5	63.1	61.5
1996	6.4	0.8	2.3	5.9	12.5	23.5	38.3	54.1	65.2	61.0
1995	6.4	0.9	2.6	6.2	13.4	24.1	37.1	53.0	62.6	59.9
1994	6.5	0.8	2.2	6.3	14.0	24.9	39.4	54.0	64.8	62.6
1993	6.8	0.8	2.4	6.6	15.1	26.2	40.9	57.7	66.3	59.7
1992	6.4	0.9	2.3	6.4	13.1	25.2	39.8	53.2	60.7	59.7
1991	6.5	1.0	2.8	6.6	13.8	25.6	39.3	54.9	63.4	60.2
1990	6.3	0.9	2.6	6.7	14.2	24.4	40.0	55.1	59.0	55.5
1989	6.3	0.8	2.6	7.3	14.5	25.2	39.0	53.8	58.7	53.4
1988	6.3	0.9	2.5	6.8	14.5	25.0	42.1	53.6	59.5	55.9
1987	6.0	0.9	2.9	6.6	14.3	23.3	38.4	50.7	58.2	51.5
1986	6.0	1.2	3.2	6.8	14.0	24.1	40.1	52.1	56.5	49.9
1985	5.9	1.2	2.9	6.8	13.7	24.8	39.9	51.9	54.8	49.3
1984	5.6	0.9	2.6	7.0	13.2	23.8	37.1	47.5	54.7	48.9
1983	5.7	1.1	3.1	7.1	13.2	24.2	38.3	48.5	53.7	49.3
1982	5.5	1.1	3.1	7.0	13.2	24.1	37.4	47.0	52.7	47.4
1981	5.8	1.3	3.4	7.4	14.2	26.8	40.1	48.4	54.4	49.9
1980	6.1	1.4	3.4	7.6	15.7	27.4	41.2	52.9	58.7	56.9
1979	6.0	1.6	3.8	7.2	16.5	27.0	42.2	51.9	56.0	52.7
Emphysema (492)										
All races, male										
1998	6.9	0.9	2.1	6.0	15.1	29.1	48.0	66.2	90.7	104.4
1997	7.1	1.0	2.2	6.2	14.6	29.6	50.9	70.7	90.5	111.1
1996	7.1	1.0	2.5	6.6	14.8	29.6	47.1	72.7	98.8	112.3
1995	7.2	1.1	3.0	7.4	15.8	28.5	48.3	72.4	97.8	112.8
1994	7.5	1.0	2.6	7.2	16.1	30.8	51.9	76.2	101.9	121.6
1993	7.8	1.0	3.0	7.6	17.6	32.6	53.0	81.9	109.3	119.0
1992	7.5	1.2	2.4	7.6	16.3	32.8	52.6	76.5	102.9	121.6
1991	7.7	1.3	3.0	8.0	16.7	33.1	52.9	81.3	109.2	123.0
1990	7.8	1.1	2.7	8.0	17.8	33.0	56.1	84.7	106.7	115.7
1989	7.7	0.9	3.1	8.7	17.6	34.2	54.8	83.0	106.3	116.5
1988	8.1	1.1	2.9	8.4	19.2	34.1	60.7	88.6	114.9	123.7
1987	7.8	1.0	3.3	7.9	19.4	31.5	58.1	86.4	115.5	108.5
1986	8.0	1.6	3.8	9.0	18.5	33.9	63.0	90.3	110.9	113.0
1985	8.1	1.6	3.8	8.8	18.1	35.6	63.5	92.2	111.5	117.5
1984	7.8	1.2	3.3	9.1	18.7	34.2	60.5	86.3	114.1	111.0
1983	8.1	1.3	3.8	10.0	18.6	36.2	64.8	91.2	112.4	117.9
1982	8.0	1.4	4.0	9.2	18.7	37.3	65.3	91.9	111.1	115.5
1981	8.6	1.6	4.8	10.2	20.9	43.0	69.9	95.4	113.3	120.4
1980	9.2	1.8	4.5	10.8	23.5	45.0	72.0	106.9	130.7	131.9
1979	9.3	2.2	5.2	10.8	25.3	45.5	78.6	104.7	122.9	125.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Emphysema (492)										
All races, female										
1998	5.8	0.6	2.0	4.9	10.4	21.3	31.2	39.4	49.0	42.7
1997	5.8	0.6	1.8	4.4	11.7	20.7	30.1	39.9	47.4	42.1
1996	5.7	0.5	2.0	5.3	10.5	18.4	31.4	41.3	46.2	41.1
1995	5.6	0.6	2.1	5.1	11.2	20.4	28.6	39.9	43.1	39.6
1994	5.6	0.6	1.8	5.4	12.1	20.0	29.9	39.2	44.5	40.0
1993	5.8	0.6	1.9	5.7	12.9	21.0	31.7	41.6	43.0	37.0
1992	5.3	0.6	2.3	5.3	10.4	19.0	30.1	37.9	38.0	36.1
1991	5.3	0.7	2.5	5.3	11.4	19.5	29.0	37.6	39.1	36.2
1990	4.9	0.6	2.5	5.5	11.1	17.4	28.0	36.1	33.7	32.3
1989	4.9	0.6	2.2	6.0	11.8	17.9	27.4	35.0	33.6	28.9
1988	4.6	0.8	2.2	5.5	10.4	17.6	28.5	31.2	30.3	29.5
1987	4.3	0.7	2.5	5.4	9.9	16.6	24.0	28.0	28.1	29.0
1986	4.1	0.9	2.6	4.8	10.2	16.2	23.5	28.1	28.0	24.9
1985	3.9	0.8	2.2	5.0	10.0	16.0	22.9	26.6	25.1	22.1
1984	3.6	0.7	2.0	5.1	8.4	15.4	20.3	23.1	23.5	23.8
1983	3.4	0.9	2.4	4.6	8.5	14.5	19.2	21.7	22.7	21.2
1982	3.2	0.8	2.3	5.1	8.4	13.5	17.3	18.9	21.9	19.1
1981	3.2	1.0	2.1	4.9	8.3	13.8	18.6	18.9	23.1	19.8
1980	3.2	1.1	2.4	4.7	8.9	13.4	19.0	19.1	20.5	24.1
1979	2.9	1.0	2.4	4.1	8.8	12.3	16.0	18.6	20.0	20.4
Emphysema (492)										
White, both sexes										
1998	7.3	0.7	2.1	5.6	13.5	26.8	40.7	53.1	68.2	63.3
1997	7.4	0.8	2.0	5.7	14.0	26.5	41.4	55.4	66.6	64.5
1996	7.3	0.7	2.3	6.1	13.4	25.2	40.4	56.9	68.7	63.4
1995	7.2	0.8	2.7	6.4	14.5	26.0	39.0	55.7	65.1	62.7
1994	7.4	0.8	2.3	6.6	14.8	26.4	41.6	57.0	68.2	65.3
1993	7.6	0.8	2.5	7.1	16.2	27.6	42.9	60.6	69.3	62.1
1992	7.2	0.8	2.4	6.8	13.9	26.5	41.8	56.1	63.4	62.2
1991	7.3	0.9	2.9	7.0	14.5	27.0	41.1	58.1	66.8	63.4
1990	7.1	0.8	2.8	7.0	14.9	25.5	42.4	58.1	61.6	58.3
1989	7.0	0.8	2.7	7.8	15.2	26.4	41.1	56.8	61.6	55.4
1988	7.1	1.0	2.6	7.0	15.1	26.2	44.1	56.3	61.8	58.8
1987	6.7	0.9	3.0	7.0	14.8	24.4	40.5	53.6	61.0	53.5
1986	6.7	1.2	3.3	6.9	14.7	25.4	42.4	55.3	59.3	52.3
1985	6.6	1.2	2.9	7.0	14.4	26.0	42.3	54.5	57.3	51.2
1984	6.3	0.9	2.6	7.4	13.8	25.0	39.2	50.2	57.0	51.0
1983	6.3	1.1	3.3	7.3	13.8	25.7	40.4	51.7	55.7	51.3
1982	6.1	1.1	3.2	7.3	13.8	25.3	39.8	49.6	55.6	49.9
1981	6.5	1.2	3.5	7.6	14.7	28.2	42.6	51.2	57.1	52.2
1980	6.8	1.5	3.5	7.8	16.2	29.1	43.6	56.3	61.6	59.5
1979	6.7	1.5	3.8	7.5	17.1	28.5	44.7	54.9	59.0	55.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Emphysema (492)										
White, male										
1998	7.8	0.8	2.1	6.1	15.7	30.6	50.0	68.9	94.5	110.1
1997	8.0	1.0	2.1	6.5	15.3	30.9	52.6	73.4	94.0	115.3
1996	8.0	0.9	2.5	6.6	15.5	31.3	48.6	75.2	102.7	116.4
1995	8.0	1.0	3.1	7.4	16.6	30.2	49.5	74.8	100.0	117.5
1994	8.4	0.9	2.7	7.4	16.5	32.3	53.6	79.5	105.3	126.4
1993	8.7	0.9	3.0	8.0	18.3	33.7	54.8	84.4	113.2	123.0
1992	8.3	1.1	2.3	7.9	16.6	33.9	54.5	79.3	106.1	126.3
1991	8.6	1.0	3.0	8.3	17.1	34.2	54.7	85.1	113.6	129.7
1990	8.6	1.0	2.7	8.2	18.3	33.8	58.5	88.2	110.4	122.0
1989	8.5	0.9	3.1	9.1	18.1	35.2	56.7	86.5	111.1	120.5
1988	8.9	1.1	2.9	8.3	19.7	34.9	61.9	91.4	118.5	130.2
1987	8.6	0.9	3.2	8.1	19.6	32.3	60.3	90.9	121.2	113.7
1986	8.8	1.6	3.8	8.9	18.8	35.0	65.6	94.6	115.8	119.3
1985	8.9	1.4	3.6	8.9	18.6	36.9	66.3	96.4	116.5	122.7
1984	8.5	1.0	3.0	9.5	19.4	35.3	62.9	91.0	119.0	117.2
1983	8.9	1.2	4.0	10.0	18.9	37.9	67.8	97.4	116.8	124.3
1982	8.8	1.2	3.9	9.3	19.4	38.6	69.2	96.8	117.8	122.3
1981	9.4	1.5	4.8	10.3	21.4	44.7	73.7	100.8	119.5	127.2
1980	10.1	1.8	4.4	10.9	23.9	47.4	76.1	114.3	137.8	138.9
1979	10.2	2.0	5.2	11.1	26.0	47.7	83.1	111.6	130.4	131.6
Emphysema (492)										
White, female										
1998	6.8	0.6	2.1	5.2	11.5	23.5	33.4	42.1	52.8	44.8
1997	6.7	0.6	1.9	4.9	12.8	22.7	32.6	42.9	50.8	44.7
1996	6.6	0.5	2.2	5.7	11.6	20.0	34.0	44.3	49.4	43.1
1995	6.5	0.6	2.3	5.5	12.6	22.5	30.8	42.7	45.7	41.8
1994	6.5	0.7	1.9	5.8	13.4	21.5	32.3	41.8	47.8	42.2
1993	6.7	0.6	2.1	6.3	14.2	22.6	33.8	44.6	45.5	39.2
1992	6.1	0.6	2.5	5.8	11.5	20.5	32.1	40.7	40.5	38.1
1991	6.1	0.7	2.7	5.8	12.2	21.2	30.8	40.5	42.0	38.3
1990	5.7	0.6	2.8	5.8	12.0	18.7	30.4	38.7	35.9	34.2
1989	5.6	0.7	2.3	6.6	12.6	19.2	29.4	37.7	35.5	30.5
1988	5.4	0.9	2.4	5.9	11.1	19.1	30.9	33.9	32.2	31.4
1987	4.9	0.8	2.7	5.9	10.6	17.9	25.9	30.0	29.7	30.2
1986	4.7	0.8	2.8	5.0	11.0	17.5	25.4	30.6	29.9	26.1
1985	4.4	1.0	2.3	5.3	10.7	17.1	24.7	28.3	26.4	23.2
1984	4.1	0.7	2.1	5.5	8.9	16.6	21.9	24.8	24.7	24.8
1983	3.9	1.0	2.6	4.9	9.3	15.7	20.6	23.2	23.8	21.9
1982	3.6	0.9	2.5	5.5	8.9	14.5	18.5	20.3	23.1	20.2
1981	3.6	1.0	2.4	5.2	8.9	14.9	20.1	20.3	24.4	20.9
1980	3.6	1.2	2.6	5.1	9.5	14.4	20.2	20.3	21.6	25.3
1979	3.3	1.0	2.5	4.3	9.4	13.1	17.0	19.8	21.1	21.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Emphysema (492)										
All other, both sexes										
1998	2.1	0.9	2.0	4.3	7.0	11.7	20.7	25.5	25.5	30.2
1997	2.1	0.8	2.0	2.9	7.0	12.6	20.6	25.8	28.3	32.1
1996	2.2	0.9	1.8	4.7	6.9	11.1	20.1	28.2	29.6	36.9
1995	2.2	1.0	1.8	4.8	6.0	9.7	21.4	27.7	37.4	32.4
1994	2.2	*	1.7	4.1	8.2	13.5	20.5	25.8	31.0	34.2
1993	2.4	1.1	1.9	3.4	8.0	15.4	22.6	29.8	35.8	34.6
1992	2.3	1.1	1.8	4.1	7.6	14.5	21.8	26.3	32.6	33.9
1991	2.2	1.4	2.1	3.7	9.0	13.9	22.6	23.7	28.4	27.4
1990	2.2	1.3	1.8	4.9	8.8	15.2	17.4	26.7	31.8	25.3
1989	2.2	*	2.2	4.0	8.9	15.1	20.4	25.1	29.0	32.8
1988	2.4	*	2.1	5.5	9.3	14.2	24.0	27.4	35.3	25.4
1987	2.2	*	2.2	4.4	10.3	13.5	19.4	22.3	27.9	29.6
1986	2.1	1.4	2.3	6.0	8.5	13.5	19.3	21.5	26.6	24.2
1985	2.2	1.3	2.9	5.3	8.0	14.3	18.5	26.7	28.5	28.7
1984	2.0	1.4	2.9	3.5	7.8	12.8	18.3	20.9	29.7	25.3
1983	2.1	*	2.0	5.8	8.3	11.4	18.6	17.9	30.9	27.4
1982	1.9	*	2.4	4.9	7.5	13.7	15.5	21.4	20.2	20.0
1981	2.1	1.5	2.7	5.4	8.9	14.1	16.7	21.3	22.8	22.6
1980	2.2	*	2.9	5.5	10.8	12.6	18.5	19.5	24.9	26.8
1979	2.2	2.2	3.2	4.8	10.5	14.3	18.3	22.0	20.5	22.4
Emphysema (492)										
All other, male										
1998	2.8	*	2.7	5.9	10.7	17.8	30.5	40.9	51.1	50.6
1997	2.9	*	2.9	4.5	9.8	20.1	35.6	45.2	54.1	71.4
1996	3.0	*	2.5	6.6	10.6	16.4	33.5	49.0	56.9	73.7
1995	3.1	*	2.6	7.4	10.5	14.8	37.9	48.8	75.1	69.2
1994	3.1	*	2.4	5.4	13.3	18.9	35.7	43.3	67.2	76.4
1993	3.4	*	3.1	5.1	12.3	23.7	35.5	56.1	68.9	82.3
1992	3.3	*	2.5	6.0	13.9	23.7	34.8	49.3	70.0	77.6
1991	3.2	2.7	2.7	5.8	13.6	23.3	35.5	44.0	64.7	59.9
1990	3.3	*	2.8	6.8	13.9	25.9	32.9	50.9	70.4	56.5
1989	3.4	*	3.3	5.7	13.1	25.4	36.7	49.1	58.7	79.0
1988	4.0	*	2.9	8.7	14.4	26.5	48.9	62.1	79.5	63.3
1987	3.4	*	3.8	6.9	17.4	24.0	37.1	43.3	58.0	59.7
1986	3.5	*	3.6	9.8	15.1	23.6	38.2	49.5	61.1	53.3
1985	3.6	2.7	4.7	8.2	13.4	24.1	36.3	52.9	60.6	68.5
1984	3.3	*	5.4	5.7	12.6	23.5	37.2	43.1	64.4	52.8
1983	3.4	*	*	9.7	15.8	20.6	36.9	34.0	67.0	56.5
1982	3.2	*	4.2	8.4	11.8	25.6	29.4	45.5	41.5	49.3
1981	3.6	*	5.4	9.4	16.6	27.1	34.3	45.7	47.3	53.1
1980	3.6	*	5.0	10.0	19.6	22.8	34.2	38.5	55.0	60.9
1979	3.7	3.7	5.3	8.0	18.9	26.1	35.2	43.5	43.0	59.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Emphysema (492)										
All other, female										
1998	1.5	*	*	3.0	4.0	7.2	14.1	15.8	12.0	21.6
1997	1.3	*	*	*	4.7	7.0	10.4	13.5	14.7	15.5
1996	1.5	*	*	3.1	4.1	7.2	11.0	15.1	15.1	21.3
1995	1.3	*	*	2.6	*	6.0	10.1	14.5	17.3	16.7
1994	1.4	*	*	3.1	4.2	9.4	10.1	14.9	11.6	16.2
1993	1.5	*	*	*	4.6	9.3	13.8	13.6	17.8	14.0
1992	1.3	*	*	2.6	2.7	7.6	12.8	12.2	11.9	14.7
1991	1.2	*	*	*	5.4	7.0	13.7	11.1	*	13.0
1990	1.1	*	*	3.3	4.8	7.2	6.8	11.6	10.0	11.2
1989	1.2	*	*	2.7	5.7	7.4	9.3	10.1	12.3	11.4
1988	1.0	*	*	2.8	5.4	5.1	7.0	*	9.8	*
1987	1.0	*	*	*	4.9	5.7	7.3	8.9	10.7	15.3
1986	0.9	*	*	2.9	3.5	6.0	6.3	*	*	*
1985	1.0	*	*	2.9	3.8	6.9	6.2	9.6	*	*
1984	0.9	*	*	*	4.1	4.8	5.2	*	*	*
1983	0.9	*	*	*	*	4.5	5.8	7.1	*	*
1982	0.8	*	*	*	4.0	4.8	5.5	*	*	*
1981	0.7	*	*	*	*	4.3	*	*	*	*
1980	0.8	*	*	*	3.8	4.8	6.8	*	*	*
1979	0.8	*	*	*	3.8	5.2	*	*	*	*
Emphysema (492)										
Black, both sexes										
1998	2.5	1.1	2.6	5.4	8.3	14.3	23.2	28.3	26.9	30.5
1997	2.4	1.0	2.4	3.7	8.5	14.6	23.6	27.4	29.4	31.2
1996	2.6	1.2	2.1	6.1	8.4	12.9	23.2	30.8	30.3	35.1
1995	2.5	1.3	2.5	6.1	7.1	11.3	23.0	30.0	37.6	31.2
1994	2.6	*	2.0	5.2	10.0	15.6	22.7	27.9	31.3	32.9
1993	2.7	1.5	2.5	4.2	9.3	16.9	23.5	29.7	34.7	34.4
1992	2.6	1.5	2.3	4.9	8.4	16.8	23.7	27.3	33.0	33.0
1991	2.5	1.9	2.6	4.2	10.5	14.8	25.0	24.4	26.2	27.4
1990	2.5	1.7	2.2	5.4	10.2	16.9	19.3	26.5	31.9	24.3
1989	2.5	*	2.8	4.7	9.8	17.1	20.9	26.9	28.0	31.8
1988	2.7	*	2.5	6.3	10.0	15.9	26.2	28.1	37.1	22.9
1987	2.5	*	2.8	5.2	11.7	14.8	21.2	21.8	26.6	25.0
1986	2.4	1.6	2.9	6.9	10.0	15.3	21.0	21.4	24.7	23.9
1985	2.4	1.6	3.2	5.6	8.5	15.4	19.6	26.0	24.5	28.7
1984	2.2	1.8	3.5	3.8	9.0	13.9	18.3	19.6	29.2	23.2
1983	2.2	*	2.4	6.6	9.7	12.3	18.5	17.7	26.0	26.1
1982	2.1	*	2.9	5.7	8.5	14.5	16.0	21.3	19.7	19.3
1981	2.4	1.9	3.1	6.3	9.9	15.8	17.4	21.6	24.4	24.4
1980	2.3	*	3.2	6.2	11.9	13.5	19.0	19.1	24.5	25.1
1979	2.4	2.7	3.6	5.1	11.4	14.9	18.5	23.2	19.9	20.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Emphysema (492)										
Black, male										
1998	3.2	*	3.4	7.4	12.7	21.7	34.8	44.9	56.8	50.2
1997	3.4	*	3.7	5.8	11.9	23.2	41.1	47.5	59.2	73.8
1996	3.5	*	3.2	9.0	12.8	18.3	39.9	52.9	60.2	80.4
1995	3.6	*	3.6	9.8	12.9	16.4	41.4	53.7	75.6	70.6
1994	3.6	*	*	6.9	16.2	21.9	39.4	46.4	71.3	73.2
1993	3.9	*	4.2	6.6	14.2	26.6	37.5	58.4	70.5	85.8
1992	3.9	*	*	7.4	15.7	27.5	38.7	53.0	73.6	78.5
1991	3.6	3.5	*	6.4	16.0	24.7	40.8	47.9	60.8	62.3
1990	3.8	*	*	7.6	16.7	28.3	36.8	52.6	73.2	58.9
1989	3.8	*	4.4	6.7	13.8	28.9	39.3	53.9	60.8	78.8
1988	4.6	*	*	9.7	15.8	30.4	55.2	66.1	90.4	55.4
1987	3.9	*	4.8	8.3	20.1	26.8	41.4	43.4	56.5	54.7
1986	4.0	*	4.6	11.4	17.8	27.4	42.3	51.2	57.8	54.0
1985	3.9	*	5.2	8.2	14.0	27.7	39.0	51.8	55.2	67.7
1984	3.6	*	6.4	6.3	14.5	25.2	36.7	41.3	65.5	47.5
1983	3.7	*	*	11.1	18.4	22.7	37.3	34.5	53.7	55.0
1982	3.5	*	5.1	9.7	13.4	27.2	31.4	46.6	40.0	48.3
1981	4.1	*	6.1	11.0	18.9	30.9	37.2	47.5	50.6	57.1
1980	4.0	*	5.3	11.3	22.3	25.3	36.2	39.2	54.6	58.5
1979	4.1	4.4	5.8	8.5	21.2	27.2	38.5	46.6	41.6	53.8
Emphysema (492)										
Black, female										
1998	1.9	*	*	3.7	4.8	8.8	15.6	18.2	12.3	23.0
1997	1.5	*	*	*	5.8	8.2	12.1	15.3	15.0	15.0
1996	1.7	*	*	3.8	5.0	8.8	12.3	17.5	15.8	17.8
1995	1.6	*	*	3.1	*	7.5	10.9	15.8	19.1	15.9
1994	1.7	*	*	3.9	5.2	10.9	11.7	17.1	11.6	17.2
1993	1.7	*	*	*	5.5	9.8	14.3	13.1	16.7	14.0
1992	1.5	*	*	*	*	8.9	13.8	12.4	12.4	14.7
1991	1.4	*	*	*	6.3	7.6	14.6	10.7	*	13.1
1990	1.3	*	*	3.6	5.2	8.6	7.8	11.2	10.5	*
1989	1.4	*	*	*	6.7	8.5	8.9	11.0	10.8	*
1988	1.1	*	*	3.6	5.6	5.4	7.1	*	*	*
1987	1.1	*	*	*	5.3	6.1	7.9	8.7	*	*
1986	1.0	*	*	*	4.1	6.4	6.9	*	*	*
1985	1.1	*	*	3.4	4.3	6.3	6.7	9.9	*	*
1984	1.0	*	*	*	4.7	5.5	6.0	*	*	*
1983	1.0	*	*	*	*	4.6	5.8	*	*	*
1982	0.9	*	*	*	4.7	5.1	*	*	*	*
1981	0.8	*	*	*	*	4.7	*	*	*	*
1980	0.9	*	*	*	*	4.7	6.7	*	*	*
1979	0.9	*	*	*	*	5.8	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Asthma (493)										
All races, both sexes										
1998	2.0	1.7	2.0	2.5	3.5	4.6	5.9	8.6	11.9	20.0
1997	2.0	1.7	2.1	3.1	3.8	4.6	6.1	8.3	12.6	19.2
1996	2.1	1.7	2.4	3.3	4.4	5.0	6.8	9.0	12.1	19.5
1995	2.1	1.9	2.4	3.5	3.9	5.3	6.9	9.0	13.0	18.0
1994	2.1	1.8	2.2	3.4	4.0	5.6	7.5	9.4	12.2	18.1
1993	2.0	1.6	2.0	3.3	3.7	5.6	7.4	8.4	13.3	18.1
1992	1.9	1.5	2.1	3.1	3.5	5.5	7.2	8.8	12.8	18.3
1991	2.0	1.7	2.3	2.9	4.1	5.5	7.4	10.0	13.2	17.3
1990	1.9	1.8	2.2	3.1	3.9	5.5	7.2	9.7	12.4	16.9
1989	2.0	1.5	2.4	3.1	3.9	5.9	7.9	10.7	11.7	15.9
1988	1.9	1.5	2.2	3.1	4.2	5.1	7.6	9.3	12.0	14.9
1987	1.8	1.5	2.4	2.8	3.7	5.1	7.6	8.5	10.6	14.5
1986	1.6	1.3	1.9	2.8	3.5	4.8	7.0	8.4	10.6	12.8
1985	1.6	1.3	2.0	2.8	4.0	5.2	6.0	8.3	9.6	12.4
1984	1.5	1.4	1.8	2.6	3.5	5.0	6.0	7.3	9.5	11.7
1983	1.5	1.4	2.0	2.7	3.5	4.5	5.9	7.8	9.0	11.5
1982	1.4	1.2	1.8	2.1	3.2	4.0	6.1	6.7	8.0	9.6
1981	1.3	1.1	1.6	2.3	3.3	4.7	5.5	6.7	8.0	9.7
1980	1.3	1.1	1.6	2.0	2.9	4.6	5.3	7.5	8.0	9.9
1979	1.2	1.0	1.5	1.8	3.0	4.0	5.2	6.2	7.2	8.6
Asthma (493)										
All races, male										
1998	1.5	1.3	1.2	1.7	2.8	4.2	5.0	7.4	10.6	15.8
1997	1.5	1.1	1.5	2.5	2.9	4.0	5.4	6.4	10.6	15.6
1996	1.6	1.3	1.8	2.3	3.4	4.0	5.8	7.8	10.1	17.6
1995	1.6	1.4	1.7	2.4	3.3	4.2	5.9	6.9	12.0	17.8
1994	1.6	1.3	1.6	2.5	3.7	4.7	6.8	7.7	12.1	14.9
1993	1.5	1.2	1.6	2.7	3.3	4.5	6.3	6.7	13.0	16.9
1992	1.5	1.1	1.5	2.6	2.9	4.7	6.0	7.2	13.1	17.9
1991	1.6	1.4	1.7	2.2	3.2	4.4	6.3	8.9	12.2	16.1
1990	1.6	1.4	1.7	2.6	3.2	4.7	6.7	9.3	12.3	16.4
1989	1.5	1.3	2.0	2.4	2.8	5.0	7.1	9.5	10.6	16.2
1988	1.5	1.2	1.7	2.4	3.7	4.7	7.3	9.1	11.3	14.0
1987	1.5	1.0	1.8	2.6	3.3	4.6	7.4	7.8	10.7	13.0
1986	1.4	1.0	1.6	2.6	3.1	3.9	6.5	8.7	10.4	12.6
1985	1.3	1.1	1.6	2.5	3.5	4.5	5.8	8.7	10.2	12.6
1984	1.3	1.1	1.6	2.1	3.3	4.8	5.2	7.8	11.1	12.4
1983	1.3	1.2	1.5	2.3	3.1	4.1	6.2	7.8	9.6	12.2
1982	1.2	0.9	1.5	1.7	3.0	3.9	5.9	6.6	9.6	8.9
1981	1.2	1.0	1.2	1.9	3.4	4.4	5.5	7.3	8.9	10.7
1980	1.2	0.9	1.3	1.8	2.9	5.4	5.7	9.5	10.0	10.4
1979	1.0	0.8	1.1	1.6	2.9	4.4	5.6	6.7	8.7	9.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Asthma (493)										
All races, female										
1998	2.4	2.1	2.8	3.2	4.1	4.9	6.7	9.4	12.6	21.7
1997	2.5	2.2	2.6	3.6	4.7	5.2	6.6	9.6	13.8	20.6
1996	2.6	2.0	2.9	4.1	5.3	5.8	7.5	9.8	13.2	20.2
1995	2.6	2.3	3.1	4.5	4.3	6.3	7.7	10.5	13.6	18.1
1994	2.5	2.2	2.8	4.1	4.3	6.4	8.1	10.5	12.3	19.3
1993	2.4	2.0	2.3	3.8	4.1	6.4	8.2	9.5	13.5	18.5
1992	2.4	2.0	2.8	3.5	4.1	6.2	8.2	9.8	12.7	18.5
1991	2.5	2.0	2.9	3.6	4.9	6.3	8.1	10.7	13.7	17.8
1990	2.3	2.2	2.7	3.6	4.5	6.0	7.6	9.9	12.4	17.2
1989	2.4	1.8	2.7	3.7	4.8	6.6	8.5	11.5	12.3	15.8
1988	2.2	1.8	2.6	3.7	4.7	5.4	7.9	9.4	12.3	15.2
1987	2.1	1.9	3.0	3.1	4.0	5.6	7.7	9.0	10.5	15.0
1986	1.9	1.6	2.0	3.0	3.9	5.5	7.3	8.2	10.7	12.8
1985	1.9	1.6	2.5	3.1	4.5	5.8	6.1	8.1	9.3	12.4
1984	1.7	1.7	1.9	3.1	3.6	5.2	6.5	6.9	8.6	11.4
1983	1.8	1.6	2.5	3.0	3.9	4.8	5.6	7.7	8.6	11.3
1982	1.5	1.5	2.1	2.5	3.4	4.0	6.2	6.8	7.2	9.9
1981	1.5	1.3	1.9	2.7	3.2	4.9	5.5	6.4	7.5	9.3
1980	1.4	1.3	1.8	2.2	3.0	3.9	5.0	6.3	7.0	9.7
1979	1.3	1.1	1.8	1.9	3.0	3.7	4.9	5.9	6.4	8.2
Asthma (493)										
White, both sexes										
1998	1.7	1.1	1.6	2.0	2.8	3.7	5.3	8.0	11.5	20.0
1997	1.8	1.2	1.6	2.4	3.0	3.9	5.5	7.8	12.2	19.3
1996	1.8	1.3	1.8	2.6	3.5	4.2	6.0	8.3	11.6	18.8
1995	1.9	1.3	1.9	2.9	3.3	4.6	6.2	8.5	12.6	18.1
1994	1.9	1.3	1.6	2.7	3.5	5.0	7.1	9.1	11.8	18.4
1993	1.8	1.1	1.6	2.5	3.1	4.9	7.0	8.2	13.0	18.0
1992	1.8	1.1	1.7	2.5	2.8	4.9	6.8	8.5	12.6	18.1
1991	1.9	1.2	1.8	2.4	3.3	4.9	7.0	9.8	13.0	17.7
1990	1.8	1.2	1.7	2.5	3.5	4.9	6.8	9.3	12.1	17.2
1989	1.8	1.2	1.8	2.4	3.5	5.2	7.3	10.4	11.4	16.1
1988	1.7	1.0	1.7	2.5	3.4	4.4	7.0	8.9	12.0	15.2
1987	1.6	1.1	1.8	2.2	3.2	4.6	7.0	8.4	10.2	14.5
1986	1.5	0.9	1.4	2.1	3.0	4.3	6.4	8.3	10.5	13.0
1985	1.5	1.0	1.6	2.4	3.6	4.7	5.8	8.2	9.5	12.6
1984	1.4	1.0	1.4	2.3	3.0	4.8	5.6	7.2	8.8	11.7
1983	1.4	0.9	1.6	2.3	3.0	4.1	5.7	7.8	8.8	11.7
1982	1.2	0.9	1.4	1.8	2.8	3.8	5.7	6.7	8.1	9.9
1981	1.2	0.9	1.3	2.0	3.0	4.2	5.3	6.8	7.9	10.0
1980	1.2	0.9	1.3	1.7	2.7	4.2	5.1	7.2	8.3	9.8
1979	1.1	0.8	1.2	1.5	2.7	3.9	5.1	6.2	7.3	8.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Asthma (493)										
White, male										
1998	1.2	0.9	0.9	1.3	2.1	3.3	4.3	6.7	10.2	15.6
1997	1.3	0.8	1.1	1.7	2.2	3.6	5.0	6.0	9.8	15.1
1996	1.3	1.0	1.5	1.8	2.6	3.2	5.0	7.2	9.6	16.9
1995	1.3	1.0	1.3	2.0	2.8	3.6	5.0	6.2	11.5	17.2
1994	1.4	0.9	1.2	2.1	2.9	4.3	6.2	7.6	10.8	15.2
1993	1.3	0.9	1.4	2.0	2.9	3.8	5.6	6.1	12.4	16.8
1992	1.3	0.8	1.1	2.0	2.2	4.0	5.4	7.0	12.6	17.3
1991	1.3	1.0	1.3	1.8	2.4	3.7	5.8	8.6	11.4	16.2
1990	1.3	0.9	1.2	1.8	2.7	4.1	6.2	8.7	11.6	16.1
1989	1.3	0.9	1.4	2.0	2.4	4.4	6.3	8.9	10.2	16.3
1988	1.3	0.9	1.1	1.7	2.9	4.1	6.5	8.3	11.0	14.4
1987	1.2	0.7	1.3	1.9	2.8	3.8	6.9	7.4	9.7	12.8
1986	1.2	0.7	1.2	2.0	2.5	3.4	6.1	8.6	10.0	12.8
1985	1.2	0.8	1.2	2.0	3.0	4.0	5.4	8.5	10.0	12.5
1984	1.1	0.8	1.3	1.8	2.6	4.3	4.9	7.6	10.5	11.7
1983	1.1	0.8	1.3	1.8	2.6	3.7	5.8	7.8	9.1	12.2
1982	1.0	0.8	1.1	1.4	2.5	3.8	5.4	6.5	9.6	9.1
1981	1.0	0.7	1.0	1.6	3.0	3.8	4.9	7.1	9.0	10.8
1980	1.1	0.7	1.1	1.4	2.6	5.1	5.5	9.0	10.3	10.1
1979	1.0	0.6	0.9	1.3	2.8	4.3	5.3	6.5	8.7	8.8
Asthma (493)										
White, female										
1998	2.2	1.4	2.2	2.6	3.5	4.0	6.1	8.9	12.3	21.8
1997	2.3	1.6	2.1	3.0	3.7	4.3	5.9	9.0	13.6	21.0
1996	2.4	1.6	2.2	3.3	4.3	5.0	6.8	9.1	12.7	19.5
1995	2.5	1.7	2.5	3.7	3.7	5.4	7.1	10.1	13.2	18.4
1994	2.4	1.7	2.1	3.3	4.0	5.6	7.7	10.1	12.3	19.6
1993	2.3	1.3	1.8	3.0	3.3	5.9	8.0	9.5	13.4	18.5
1992	2.2	1.4	2.2	2.9	3.4	5.6	7.9	9.4	12.6	18.4
1991	2.3	1.4	2.4	2.9	4.2	5.8	7.8	10.6	13.9	18.3
1990	2.2	1.5	2.2	3.0	4.1	5.6	7.2	9.7	12.3	17.7
1989	2.3	1.4	2.2	2.9	4.4	5.9	8.1	11.3	12.1	16.1
1988	2.1	1.2	2.2	3.2	3.8	4.7	7.4	9.2	12.6	15.5
1987	2.0	1.4	2.3	2.5	3.6	5.2	7.0	9.1	10.4	15.1
1986	1.8	1.1	1.5	2.3	3.3	5.0	6.7	8.1	10.8	13.1
1985	1.8	1.2	2.0	2.7	4.2	5.2	6.1	8.1	9.2	12.6
1984	1.6	1.3	1.6	2.7	3.3	5.3	6.0	7.0	8.0	11.7
1983	1.6	1.1	2.0	2.6	3.4	4.4	5.6	7.7	8.7	11.5
1982	1.4	1.0	1.7	2.1	3.1	3.8	6.0	6.8	7.4	10.2
1981	1.4	1.0	1.5	2.4	3.1	4.6	5.5	6.5	7.3	9.6
1980	1.3	1.0	1.5	2.0	2.8	3.6	4.8	6.1	7.3	9.7
1979	1.2	0.9	1.5	1.7	2.7	3.6	4.9	6.1	6.5	8.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Asthma (493)										
All other, both sexes										
1998	3.0	4.5	4.8	5.6	7.4	10.7	11.0	14.3	15.2	19.8
1997	3.0	4.2	4.8	7.1	9.2	9.5	10.9	13.0	16.8	18.4
1996	3.3	3.9	5.5	7.4	9.9	10.4	13.0	15.2	16.9	26.5
1995	3.1	4.8	5.7	7.5	7.7	10.7	13.3	14.0	17.5	17.4
1994	3.0	4.5	5.7	7.6	7.9	10.5	11.2	12.2	16.7	14.8
1993	2.9	4.5	4.2	8.3	8.0	10.5	11.1	10.6	16.2	18.6
1992	2.8	4.1	5.0	7.0	8.5	10.6	11.0	12.0	15.6	20.5
1991	2.9	4.6	5.4	6.4	9.6	10.1	10.8	11.8	15.2	13.3
1990	2.8	5.6	5.4	7.3	7.2	9.9	11.2	13.0	15.8	13.8
1989	2.8	3.9	6.0	7.8	7.0	11.2	12.9	14.0	14.7	14.1
1988	2.9	4.6	5.6	7.4	10.6	10.8	13.3	13.1	11.3	11.3
1987	2.8	4.1	6.4	7.2	7.5	9.7	13.0	9.3	14.9	14.2
1986	2.5	4.0	5.1	7.3	8.0	8.8	11.9	9.3	11.1	10.4
1985	2.4	3.5	5.0	6.3	7.2	9.9	7.6	9.4	11.3	11.2
1984	2.2	3.9	4.0	5.5	7.7	6.5	9.8	7.5	16.8	11.5
1983	2.4	4.4	4.8	6.3	7.7	7.7	7.6	7.9	10.3	9.6
1982	2.1	3.6	4.6	4.8	6.7	5.7	9.0	7.4	*	*
1981	1.9	3.0	3.7	4.4	5.6	8.7	7.9	6.5	8.7	*
1980	1.9	3.0	3.5	4.9	4.9	7.6	7.3	10.2	*	11.1
1979	1.6	2.6	3.5	4.4	5.4	5.3	6.5	5.9	*	*
Asthma (493)										
All other, male										
1998	2.7	3.5	2.9	4.2	7.1	10.4	11.3	14.8	14.6	*
1997	2.6	3.0	4.0	7.3	7.5	7.5	9.3	10.3	19.0	20.7
1996	2.9	3.3	4.3	5.4	8.8	9.7	12.9	14.2	15.3	24.2
1995	2.8	4.3	4.4	5.3	7.3	8.9	14.5	13.2	17.0	23.1
1994	2.8	4.1	4.4	5.5	9.5	8.5	11.7	9.2	24.6	*
1993	2.6	3.1	2.8	7.7	6.8	10.5	13.3	12.4	18.5	*
1992	2.5	2.8	3.9	6.7	8.0	10.3	11.5	9.5	18.5	23.6
1991	2.7	3.7	4.5	5.2	9.8	10.3	10.8	11.4	20.5	*
1990	2.8	4.7	4.6	7.9	6.9	10.4	11.9	15.6	19.4	*
1989	2.6	3.4	6.1	6.0	5.6	10.8	14.2	14.9	*	*
1988	2.9	3.4	5.7	8.1	10.2	10.2	14.1	16.9	*	*
1987	2.7	3.1	5.3	7.9	7.6	11.2	12.1	11.2	20.5	*
1986	2.3	3.3	4.8	7.0	7.8	8.3	10.2	9.5	*	*
1985	2.4	3.1	4.6	6.3	7.9	9.2	9.3	11.2	*	*
1984	2.2	3.6	4.0	5.0	9.4	9.2	8.1	*	*	*
1983	2.3	4.1	*	6.6	7.0	7.8	10.2	*	*	*
1982	2.1	*	4.2	4.7	7.8	5.6	10.4	*	*	*
1981	2.0	3.1	*	3.7	7.1	10.2	11.0	*	*	*
1980	1.9	*	*	5.4	5.4	8.8	7.6	14.0	*	*
1979	1.6	*	*	4.9	4.7	5.7	8.7	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Asthma (493)										
All other, female										
1998	3.3	5.4	6.3	6.7	7.6	10.9	10.8	14.0	15.5	20.8
1997	3.3	5.2	5.5	6.9	10.5	11.0	12.0	14.6	15.7	17.4
1996	3.7	4.5	6.6	9.1	10.9	10.9	13.1	15.9	17.7	27.4
1995	3.4	5.3	6.8	9.3	8.1	12.0	12.5	14.5	17.7	15.0
1994	3.2	4.9	6.8	9.4	6.7	11.9	10.9	14.1	12.4	15.7
1993	3.1	5.7	5.4	8.7	8.8	10.5	9.6	9.4	15.0	18.7
1992	3.0	5.2	6.0	7.2	8.8	10.9	10.7	13.5	14.0	19.2
1991	3.0	5.5	6.1	7.3	9.5	10.0	10.8	12.0	12.2	12.5
1990	2.9	6.3	6.0	6.8	7.5	9.5	10.7	11.4	13.7	11.2
1989	3.0	4.3	5.9	9.3	8.0	11.5	11.9	13.5	15.1	13.1
1988	3.0	5.6	5.6	6.9	10.9	11.3	12.7	10.7	9.8	11.8
1987	2.8	4.9	7.3	6.6	7.4	8.7	13.6	8.0	11.7	13.5
1986	2.7	4.6	5.3	7.7	8.1	9.1	13.1	9.3	*	*
1985	2.4	3.8	5.3	6.4	6.8	10.4	6.4	8.3	*	*
1984	2.3	4.2	3.9	5.9	6.3	4.5	11.0	6.6	16.3	*
1983	2.4	4.7	6.3	6.1	8.3	7.7	5.8	8.2	*	*
1982	2.1	4.8	4.9	4.9	5.9	5.7	8.0	7.0	*	*
1981	1.8	3.0	4.4	5.0	4.3	7.5	5.7	*	*	*
1980	1.9	3.4	4.2	4.5	4.5	6.7	7.0	7.6	*	*
1979	1.7	2.8	4.2	3.9	6.0	5.0	*	*	*	*
Asthma (493)										
Black, both sexes										
1998	3.6	5.8	6.4	6.9	8.6	11.8	12.0	13.9	15.4	16.1
1997	3.4	5.2	6.0	7.8	10.5	9.7	10.8	12.7	15.7	17.0
1996	3.9	4.9	7.3	8.5	11.2	10.9	13.1	15.3	17.0	25.7
1995	3.7	6.1	7.1	9.1	8.4	12.3	13.8	13.2	18.0	16.5
1994	3.6	5.7	6.7	9.0	9.6	11.5	11.0	12.6	15.2	14.2
1993	3.4	5.5	5.1	10.2	9.2	11.7	11.8	11.5	15.3	17.0
1992	3.2	5.1	6.4	7.9	10.0	11.1	11.2	11.9	16.2	18.9
1991	3.3	6.1	7.1	7.4	10.9	10.8	10.5	11.5	12.4	8.9
1990	3.2	7.2	6.4	7.9	8.3	10.5	11.8	10.8	15.3	12.6
1989	3.3	4.7	7.1	8.9	7.5	12.6	12.9	15.0	14.2	13.2
1988	3.4	5.5	6.7	8.8	12.2	12.1	13.8	12.9	10.7	12.1
1987	3.1	5.1	7.0	8.2	7.7	10.3	13.6	7.8	13.7	13.5
1986	2.9	4.8	5.8	8.4	9.1	9.1	12.8	8.6	10.6	*
1985	2.7	4.2	5.7	7.0	8.2	10.6	8.3	9.0	11.0	*
1984	2.5	4.4	4.5	6.1	8.6	6.9	9.8	7.9	14.0	*
1983	2.6	5.3	5.6	6.8	8.3	7.8	7.8	7.6	9.3	*
1982	2.4	4.4	5.0	5.3	7.3	6.4	9.4	6.1	*	*
1981	2.1	3.4	4.4	4.8	6.3	8.9	8.1	6.2	*	*
1980	2.1	3.3	4.1	5.3	5.3	8.0	7.8	10.6	*	*
1979	1.8	3.0	4.0	5.1	5.6	5.6	6.5	5.8	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Asthma (493)										
Black, male										
1998	3.2	4.4	3.6	4.7	7.4	10.8	11.5	13.8	*	*
1997	3.0	3.7	4.7	7.3	8.8	7.0	8.5	11.3	20.0	*
1996	3.3	4.2	5.7	6.3	9.8	9.5	11.5	14.6	*	*
1995	3.4	5.3	5.9	5.7	7.6	10.7	14.2	10.9	*	*
1994	3.3	5.1	4.8	6.4	10.9	8.7	11.3	*	21.6	*
1993	3.0	3.9	3.3	9.1	7.4	11.0	13.1	14.3	*	*
1992	2.9	3.2	4.5	7.2	9.4	10.1	10.4	*	*	*
1991	3.2	4.8	6.0	6.2	11.8	10.7	11.1	11.1	*	*
1990	3.2	6.4	5.1	8.5	7.4	11.1	13.4	11.2	*	*
1989	3.0	3.8	7.5	6.9	6.4	12.6	13.1	15.2	*	*
1988	3.3	3.9	6.8	9.4	11.5	11.9	14.4	16.4	*	*
1987	3.1	3.8	6.3	8.7	7.7	12.4	12.9	*	*	*
1986	2.6	4.0	5.8	8.0	8.9	7.9	11.3	*	*	*
1985	2.7	4.0	5.2	6.5	9.2	9.7	10.6	*	*	*
1984	2.3	4.2	4.2	5.5	9.8	9.2	*	*	*	*
1983	2.6	4.6	*	7.4	7.4	8.1	10.2	*	*	*
1982	2.3	*	4.3	5.1	8.1	6.3	10.7	*	*	*
1981	2.2	*	*	*	8.2	10.5	11.3	*	*	*
1980	2.1	*	*	5.6	5.7	9.0	*	14.4	*	*
1979	1.7	*	*	5.7	*	5.9	*	*	*	*
Asthma (493)										
Black, female										
1998	4.0	7.0	8.8	8.6	9.6	12.4	12.4	13.9	14.5	17.1
1997	3.8	6.5	7.2	8.3	11.9	11.7	12.4	13.6	13.7	15.5
1996	4.3	5.5	8.6	10.3	12.2	11.9	14.1	15.7	18.9	26.9
1995	4.0	6.7	8.0	11.9	9.1	13.5	13.6	14.6	18.6	13.4
1994	3.8	6.2	8.2	11.1	8.6	13.7	10.8	13.9	12.0	15.1
1993	3.8	7.0	6.5	11.1	10.6	12.2	10.9	9.9	15.3	17.8
1992	3.6	6.7	7.9	8.5	10.6	11.9	11.8	13.4	14.9	17.5
1991	3.5	7.2	7.9	8.4	10.2	10.8	10.1	11.7	10.1	*
1990	3.3	7.9	7.4	7.4	9.0	10.0	10.6	10.5	13.7	*
1989	3.5	5.6	6.9	10.5	8.3	12.6	12.8	15.0	15.1	*
1988	3.5	6.8	6.5	8.2	12.7	12.2	13.4	10.8	*	*
1987	3.2	6.1	7.6	7.8	7.7	8.8	14.0	7.3	11.7	*
1986	3.1	5.4	5.9	8.7	9.2	10.0	13.8	8.9	*	*
1985	2.7	4.2	6.2	7.3	7.5	11.3	6.7	8.8	*	*
1984	2.6	4.6	4.7	6.7	7.6	5.3	11.4	*	*	*
1983	2.7	5.8	7.1	6.3	8.9	7.7	6.1	8.1	*	*
1982	2.4	5.9	5.4	5.5	6.7	6.4	8.5	*	*	*
1981	2.1	3.3	5.1	5.3	4.8	7.8	5.8	*	*	*
1980	2.1	3.6	4.9	5.1	4.9	7.2	7.6	*	*	*
1979	1.8	3.3	4.7	4.5	6.2	5.3	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic lower respiratory diseases (494,496)										
All races, both sexes										
1998	31.4	2.3	7.2	19.1	46.0	92.9	164.4	246.7	353.4	471.8
1997	30.4	2.5	7.6	19.9	46.9	91.7	157.6	238.8	343.8	454.9
1996	29.7	2.6	7.8	20.2	46.4	89.4	154.1	239.2	333.6	435.2
1995	28.9	2.4	7.8	20.1	45.6	88.9	152.6	235.2	326.0	418.0
1994	28.6	2.5	8.3	20.6	47.8	91.9	152.0	234.2	324.2	398.5
1993	28.7	2.6	7.9	21.3	48.8	93.3	156.6	237.5	325.5	384.8
1992	26.1	2.3	7.4	21.1	45.5	85.5	142.7	221.9	288.8	349.3
1991	25.8	2.6	7.6	20.9	46.8	86.1	145.1	217.7	286.7	338.7
1990	25.1	2.5	8.1	20.9	45.1	83.9	142.9	216.8	278.6	333.7
1989	24.4	2.8	8.4	22.7	45.7	80.5	142.4	209.1	265.8	314.3
1988	24.1	2.9	8.6	21.3	45.1	82.9	143.2	206.6	269.7	304.4
1987	23.1	2.7	8.0	20.3	44.9	79.8	139.1	201.0	255.3	288.8
1986	22.6	2.9	8.8	21.0	43.9	81.7	140.7	198.2	243.4	276.0
1985	22.3	3.0	9.4	21.5	43.4	81.2	136.4	195.8	245.6	274.5
1984	20.7	2.8	8.8	20.8	42.2	77.1	130.5	183.4	219.7	247.8
1983	19.6	3.0	8.2	19.8	40.6	76.9	125.1	174.1	210.9	227.4
1982	17.4	2.8	7.6	18.4	36.6	70.3	114.2	155.6	186.6	196.4
1981	16.9	3.1	8.1	17.9	38.0	68.5	112.3	150.0	177.4	189.2
1980	15.7	3.2	7.5	17.3	36.8	65.7	105.7	137.5	161.7	181.3
1979	13.4	2.5	7.0	15.4	33.3	56.2	91.4	115.8	143.6	145.9
Other chronic lower respiratory diseases (494,496)										
All races, male										
1998	32.7	2.6	7.9	21.2	51.6	108.8	202.0	317.0	490.5	751.8
1997	32.2	3.1	8.4	21.5	52.9	110.6	197.7	307.9	487.1	754.4
1996	31.4	2.8	8.6	22.7	53.4	106.1	187.7	314.3	481.9	726.2
1995	31.4	2.6	8.0	22.1	53.1	108.6	193.3	319.0	480.4	726.0
1994	31.3	2.9	9.1	23.8	56.3	111.6	193.5	316.3	491.7	697.6
1993	32.0	3.1	9.1	24.1	57.9	115.3	201.2	330.9	506.2	703.2
1992	29.8	2.6	8.9	24.8	54.3	109.2	190.8	316.2	459.7	651.1
1991	30.0	2.9	7.8	23.9	56.4	111.6	195.2	318.2	476.9	647.7
1990	29.9	3.0	8.8	25.1	56.4	110.5	199.8	329.3	464.6	643.3
1989	29.2	2.8	9.0	27.0	57.4	107.1	196.1	321.8	449.1	617.0
1988	29.8	3.4	10.2	25.9	58.7	112.8	206.7	322.9	475.4	612.6
1987	29.0	2.9	9.4	24.8	58.9	109.6	204.9	328.9	459.9	586.1
1986	29.1	3.5	10.2	25.7	57.8	114.0	213.2	328.0	454.3	582.5
1985	29.0	3.2	11.1	26.3	58.5	116.0	211.7	327.6	463.6	583.7
1984	27.5	3.2	10.9	27.1	57.5	110.6	206.4	317.7	425.2	533.9
1983	26.7	3.3	10.1	26.5	56.3	112.6	198.8	313.4	419.5	495.1
1982	24.2	3.1	9.9	24.9	52.3	105.8	184.5	284.9	374.8	425.7
1981	23.8	3.4	10.2	24.6	53.7	105.2	188.6	279.4	357.3	421.1
1980	22.5	4.0	9.9	24.1	53.4	102.5	181.4	262.0	329.4	399.0
1979	19.8	3.2	9.0	21.4	49.3	91.7	161.4	222.7	308.9	320.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic lower respiratory diseases (494,496)										
All races, female										
1998	30.1	2.0	6.6	17.2	41.0	79.5	135.2	198.0	274.2	360.5
1997	28.7	2.0	6.8	18.4	41.5	75.7	126.7	191.2	262.1	337.4
1996	28.0	2.3	7.0	18.0	40.1	75.4	128.3	187.9	250.0	322.4
1995	26.6	2.2	7.6	18.4	38.9	72.4	121.4	178.5	240.4	299.4
1994	26.1	2.1	7.6	17.7	40.2	75.6	120.2	179.3	232.5	284.0
1993	25.5	2.0	6.8	18.8	40.7	75.3	122.7	175.6	227.6	263.2
1992	22.5	2.0	6.0	17.6	37.6	66.1	106.3	159.8	197.0	234.1
1991	21.8	2.3	7.4	18.1	38.3	65.5	107.5	152.1	185.3	220.5
1990	20.6	2.0	7.5	17.1	35.2	62.3	100.6	144.5	179.8	214.3
1989	19.9	2.7	7.8	18.7	35.7	58.8	102.8	136.8	168.9	196.6
1988	18.8	2.5	7.1	17.2	33.4	58.5	96.6	132.4	161.2	184.0
1987	17.5	2.6	6.8	16.2	32.8	55.5	91.2	120.0	147.9	171.7
1986	16.5	2.3	7.6	16.7	31.9	55.4	88.1	116.4	132.8	154.3
1985	15.9	2.9	7.7	17.1	30.3	53.0	81.8	112.9	131.2	151.0
1984	14.1	2.4	6.8	15.2	28.9	50.1	75.6	99.1	111.7	132.2
1983	12.9	2.8	6.4	13.8	27.0	48.2	71.8	86.7	100.9	117.6
1982	11.1	2.6	5.5	12.6	23.0	41.9	63.4	74.6	87.1	100.9
1981	10.3	2.8	6.1	12.0	24.4	39.1	57.1	68.9	81.9	90.5
1980	9.2	2.5	5.3	11.3	22.6	36.2	50.9	59.5	72.5	86.2
1979	7.4	1.7	5.2	9.9	19.5	27.8	40.9	48.5	54.9	68.5
Other chronic lower respiratory diseases (494,496)										
White, both sexes										
1998	35.6	2.2	7.3	19.6	48.5	98.6	172.2	257.3	369.0	490.6
1997	34.5	2.5	7.8	20.6	49.2	96.2	165.0	249.4	357.2	472.7
1996	33.5	2.4	8.1	21.0	48.6	94.1	160.6	249.7	346.8	452.3
1995	32.6	2.3	7.9	20.9	47.2	92.8	158.9	245.8	339.8	434.3
1994	32.2	2.4	8.4	21.3	50.1	96.2	157.8	244.5	337.4	414.1
1993	32.2	2.5	8.0	22.0	50.7	97.7	162.4	247.9	337.4	401.5
1992	29.3	2.2	7.5	21.6	47.4	88.7	148.5	232.1	300.7	363.1
1991	28.8	2.5	7.5	21.4	48.5	89.0	150.6	227.1	298.1	351.8
1990	27.9	2.4	8.1	21.3	46.3	86.9	148.0	225.9	288.6	345.4
1989	27.0	2.8	8.2	23.0	46.8	82.7	147.6	216.9	275.5	326.4
1988	26.7	2.7	8.4	21.9	46.3	85.8	148.7	215.6	280.2	316.3
1987	25.5	2.7	8.0	20.7	46.2	82.3	144.6	210.4	264.7	299.0
1986	25.0	2.8	8.7	21.3	44.8	84.5	146.4	207.8	253.1	286.5
1985	24.6	2.9	9.4	21.6	44.2	84.0	142.5	204.6	254.9	286.4
1984	22.7	2.7	8.7	21.0	43.1	80.2	135.7	192.8	226.6	257.4
1983	21.6	3.0	8.4	20.1	41.1	80.1	131.2	183.1	218.0	236.0
1982	19.2	2.8	7.5	18.3	37.6	73.4	118.9	163.8	194.5	205.1
1981	18.5	3.0	7.9	18.2	38.8	71.5	117.6	157.4	183.2	198.0
1980	17.1	3.1	7.4	17.3	37.7	68.6	110.3	144.3	168.2	188.3
1979	14.6	2.3	7.0	15.3	34.3	58.4	95.4	120.8	149.9	151.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic lower respiratory diseases (494,496)										
White, male										
1998	36.5	2.4	7.7	21.1	53.2	113.1	207.8	325.4	503.3	774.8
1997	35.9	2.9	8.5	21.8	54.2	113.3	203.6	315.9	496.3	780.4
1996	34.9	2.6	8.8	22.7	54.4	109.4	192.4	322.0	492.3	754.2
1995	34.8	2.3	8.0	22.6	53.4	110.9	197.4	329.2	494.9	749.4
1994	34.7	2.7	9.0	24.1	58.1	114.6	196.5	324.5	506.4	723.8
1993	35.3	3.0	8.9	24.3	58.7	118.5	204.6	339.7	517.9	732.2
1992	32.9	2.4	8.9	24.9	55.3	111.8	194.8	325.5	475.3	677.3
1991	33.0	2.7	7.4	23.5	57.6	113.3	199.0	326.7	493.0	673.9
1990	32.7	2.8	8.5	24.8	57.0	112.6	203.1	338.1	477.4	666.9
1989	31.7	2.7	8.4	26.7	57.6	107.9	199.6	328.5	463.6	643.1
1988	32.5	3.0	9.8	26.1	59.0	114.7	210.9	332.4	491.6	640.8
1987	31.7	2.6	9.1	24.9	59.7	111.1	209.2	341.6	476.4	610.3
1986	31.6	3.3	9.4	25.7	57.9	115.6	218.0	340.4	472.9	607.0
1985	31.7	2.8	10.9	26.0	58.6	118.4	218.2	340.4	481.2	616.0
1984	29.9	2.8	10.4	26.6	57.9	113.0	212.3	333.2	438.5	562.2
1983	29.0	3.1	10.1	26.3	56.0	115.8	205.8	329.0	434.4	519.6
1982	26.3	2.8	9.5	24.8	53.0	108.7	190.8	300.5	392.1	448.5
1981	25.8	3.1	9.8	24.6	54.2	108.3	196.6	293.6	369.5	443.3
1980	24.4	3.7	9.4	23.7	53.8	106.1	188.2	275.2	343.2	417.9
1979	21.3	2.8	8.7	21.0	50.4	94.5	168.1	233.0	324.9	332.3
Other chronic lower respiratory diseases (494,496)										
White, female										
1998	34.8	2.0	6.9	18.2	44.2	86.0	144.2	209.7	290.7	378.2
1997	33.1	2.0	7.2	19.5	44.6	81.4	134.8	203.3	277.3	353.0
1996	32.2	2.2	7.4	19.3	43.3	81.0	135.9	199.9	264.3	336.4
1995	30.5	2.3	7.8	19.3	41.6	77.5	129.0	188.9	253.4	314.1
1994	29.9	2.1	7.9	18.7	42.8	80.8	127.8	190.6	244.7	296.8
1993	29.2	2.1	7.1	19.9	43.5	80.5	129.8	186.5	239.7	276.8
1992	25.7	2.0	6.2	18.4	40.3	69.7	113.1	170.2	207.1	244.8
1991	24.8	2.3	7.5	19.4	40.4	69.1	113.8	161.7	194.7	230.2
1990	23.4	1.9	7.7	17.9	36.8	65.8	106.8	153.4	189.0	223.4
1989	22.4	2.9	7.9	19.6	37.3	62.0	108.8	145.2	176.7	205.5
1988	21.3	2.4	7.2	17.9	35.1	62.0	102.6	141.1	169.8	191.9
1987	19.7	2.7	6.9	16.8	34.5	58.6	97.1	127.3	154.6	178.5
1986	18.7	2.3	8.1	17.4	33.3	58.9	94.0	124.2	138.7	161.6
1985	17.8	2.9	8.1	17.6	31.6	56.0	87.4	119.5	137.2	157.3
1984	15.8	2.5	7.1	15.9	30.1	53.5	80.0	105.1	116.3	136.5
1983	14.4	2.9	6.8	14.6	28.0	51.1	77.1	92.2	105.0	121.8
1982	12.3	2.7	5.5	12.5	24.1	44.9	67.0	78.7	91.1	105.4
1981	11.5	3.0	6.2	12.4	25.4	41.8	60.7	72.6	85.6	95.3
1980	10.2	2.5	5.6	11.6	23.8	38.4	54.2	62.9	76.2	89.4
1979	8.2	1.8	5.4	10.2	20.4	29.5	43.1	51.3	57.1	71.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic lower respiratory diseases (494,496)										
All other, both sexes										
1998	11.7	2.8	6.6	16.1	30.6	54.6	101.2	152.3	197.4	288.4
1997	11.6	2.9	6.1	15.3	32.7	60.3	96.5	141.8	209.6	278.3
1996	11.3	3.5	5.8	15.7	32.0	55.8	98.7	142.4	199.8	264.9
1995	11.1	2.9	7.1	15.7	35.1	59.9	97.9	136.1	187.0	254.8
1994	11.1	3.1	7.8	16.3	32.5	59.4	101.1	136.4	191.3	240.3
1993	11.2	2.9	7.5	16.7	35.7	58.9	106.0	138.1	204.6	213.3
1992	10.2	2.9	7.0	17.9	31.6	59.6	91.1	124.3	165.5	206.6
1991	10.5	3.3	8.2	17.6	33.8	62.7	95.7	127.4	167.9	201.8
1990	10.7	3.5	8.1	18.6	36.0	59.1	95.9	131.2	173.6	210.0
1989	10.8	2.8	9.7	20.3	37.6	62.2	95.2	135.2	164.7	185.9
1988	10.2	4.1	9.7	17.7	35.9	58.6	93.0	121.2	158.1	177.4
1987	9.7	3.2	8.4	17.1	34.2	57.8	89.4	111.8	154.2	179.6
1986	9.6	3.5	9.6	18.1	36.5	57.3	88.9	107.3	139.4	161.9
1985	9.4	3.9	8.7	20.2	36.8	56.6	79.4	111.7	144.7	143.5
1984	8.9	3.5	9.3	19.9	34.1	50.2	82.7	93.3	144.3	143.3
1983	8.2	3.3	6.8	17.2	36.4	49.1	68.4	87.0	131.7	131.7
1982	7.3	3.4	8.6	19.0	28.1	43.5	69.8	76.5	96.8	99.5
1981	7.1	3.6	9.2	15.9	30.5	42.3	61.4	78.5	110.0	89.5
1980	6.9	4.2	8.2	17.2	28.6	39.8	61.2	70.8	85.5	100.9
1979	6.0	3.6	7.4	15.4	23.5	36.4	53.0	66.8	69.6	85.6
Other chronic lower respiratory diseases (494,496)										
All other, male										
1998	14.6	3.5	8.7	21.7	40.7	77.1	151.5	237.5	354.7	536.2
1997	14.7	3.9	7.9	19.2	44.2	90.1	144.7	231.0	389.9	511.4
1996	14.3	4.1	7.1	22.2	45.8	80.7	144.9	238.9	371.8	466.5
1995	14.3	4.6	8.2	18.8	51.3	89.8	154.4	217.9	329.6	508.7
1994	14.4	3.9	9.7	21.6	43.7	87.7	165.3	234.7	341.7	453.4
1993	15.1	4.2	10.3	22.7	52.4	88.6	169.3	241.8	387.7	433.2
1992	13.7	3.5	9.1	24.2	47.1	87.8	153.3	223.8	300.8	408.2
1991	14.4	4.0	10.3	26.9	47.0	96.8	158.3	233.6	314.0	401.6
1990	15.0	4.6	10.6	26.7	51.7	91.7	168.1	243.5	337.3	423.8
1989	15.3	3.8	13.0	29.0	55.3	100.2	162.3	257.7	305.8	375.3
1988	14.8	5.6	13.4	24.0	56.0	96.4	166.6	232.0	314.5	351.9
1987	14.1	4.9	11.1	23.4	51.7	95.8	163.5	208.4	294.6	359.7
1986	14.6	4.8	15.6	26.1	56.8	99.0	166.8	211.4	266.7	353.3
1985	14.0	5.4	12.8	28.7	57.8	94.4	149.3	208.3	284.6	279.5
1984	13.5	5.7	14.3	31.2	53.1	88.4	150.3	173.8	289.1	268.1
1983	12.7	4.6	10.3	28.8	58.9	83.5	133.1	168.5	264.9	259.4
1982	11.1	5.5	12.6	26.1	45.9	78.9	125.6	140.3	193.6	204.5
1981	11.2	6.0	13.9	24.6	49.0	77.0	114.1	147.8	229.7	200.0
1980	11.1	6.2	14.1	27.9	48.8	70.0	117.7	138.4	181.1	205.7
1979	9.8	6.4	12.1	25.4	38.7	66.9	97.7	131.5	137.2	191.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic lower respiratory diseases (494,496)										
All other, female										
1998	9.1	2.2	4.8	11.4	22.4	37.9	66.9	97.9	114.1	184.6
1997	8.7	2.1	4.6	12.0	23.5	38.2	63.6	85.3	114.4	180.0
1996	8.5	2.9	4.8	10.3	21.0	37.3	67.1	81.8	108.4	179.8
1995	8.2	1.5	6.1	13.1	22.3	37.6	59.2	84.9	111.2	146.6
1994	8.0	2.4	6.3	12.0	23.7	38.3	57.1	75.6	110.5	149.0
1993	7.6	1.9	5.1	11.8	22.8	37.0	62.2	74.5	104.7	118.4
1992	6.9	2.3	5.2	12.8	19.8	38.7	48.4	63.3	90.9	118.5
1991	6.9	2.8	6.3	10.1	23.8	37.5	52.9	61.7	87.2	113.3
1990	6.7	2.6	6.0	12.2	24.0	34.9	46.7	61.5	81.2	112.8
1989	6.7	2.0	7.0	13.3	24.0	33.9	49.4	58.6	84.9	97.7
1988	5.9	2.8	6.6	12.7	20.5	30.4	42.6	51.0	67.6	95.9
1987	5.7	*	6.1	12.1	20.6	29.5	38.8	50.0	74.0	94.5
1986	5.0	2.5	4.5	11.6	20.8	26.2	35.4	40.1	66.7	69.9
1985	5.2	2.5	5.3	13.3	20.5	28.2	31.0	48.4	63.9	77.3
1984	4.8	*	5.1	10.8	19.2	21.6	35.7	39.8	59.3	81.4
1983	4.1	*	3.9	7.8	18.5	23.4	22.7	32.3	53.3	68.3
1982	3.8	*	5.4	13.2	13.9	17.0	29.4	33.7	39.5	46.6
1981	3.4	*	5.4	8.7	15.7	16.1	22.7	31.6	37.3	33.1
1980	3.0	*	3.5	8.4	12.3	16.7	19.0	24.7	26.8	47.2
1979	2.6	*	3.6	7.1	11.1	12.8	19.0	20.2	27.5	31.6
Other chronic lower respiratory diseases (494,496)										
Black, both sexes										
1998	13.7	3.7	8.8	20.8	36.9	63.3	118.1	168.2	204.9	279.4
1997	13.3	4.0	7.7	18.9	39.9	70.3	112.6	148.8	211.7	266.7
1996	13.1	4.7	7.8	19.6	38.9	64.8	113.4	149.6	206.3	261.2
1995	12.8	3.9	8.5	19.0	42.1	69.1	111.0	144.8	191.0	244.7
1994	12.8	4.2	10.2	19.8	39.0	69.9	113.8	145.9	186.4	237.1
1993	12.9	3.8	9.8	20.1	41.9	68.8	114.9	146.8	207.8	211.8
1992	11.8	3.7	9.0	22.0	37.2	67.6	100.2	135.4	165.2	204.1
1991	12.1	4.5	10.7	21.4	39.5	70.7	103.9	133.4	170.8	189.9
1990	12.2	4.5	9.9	22.0	41.4	65.4	104.2	137.5	180.0	195.8
1989	12.3	3.5	11.6	24.0	43.0	68.7	104.7	139.5	167.0	177.3
1988	11.6	5.2	12.0	20.8	41.5	66.4	100.3	124.7	158.5	168.2
1987	11.1	3.7	9.5	19.8	39.3	64.2	96.0	116.6	160.1	170.7
1986	10.8	4.4	11.3	20.7	41.5	63.9	95.7	111.5	138.0	158.2
1985	10.6	4.7	9.9	23.1	41.1	62.5	85.0	114.2	151.0	136.9
1984	9.9	4.3	10.7	22.4	38.3	54.7	88.2	97.2	141.9	129.5
1983	9.1	4.0	7.9	19.7	40.5	52.3	71.7	91.3	131.7	127.2
1982	8.2	4.2	10.4	21.5	31.0	46.8	75.6	76.8	96.8	96.0
1981	7.8	4.4	10.3	18.3	33.0	44.3	64.5	80.3	110.5	85.7
1980	7.5	4.9	9.4	19.2	32.2	41.7	64.5	73.7	88.4	89.9
1979	6.4	4.1	8.5	17.1	24.9	38.2	55.2	68.2	66.2	67.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic lower respiratory diseases (494,496)										
Black, male										
1998	17.0	4.5	11.5	28.3	49.6	89.9	180.0	270.7	385.0	537.0
1997	16.8	5.2	10.2	23.7	54.6	105.6	170.4	251.3	408.3	504.3
1996	16.6	5.6	9.7	27.8	56.5	93.4	167.4	253.6	408.4	489.7
1995	16.6	6.1	10.4	23.7	63.2	103.2	177.7	241.4	365.0	504.7
1994	16.8	5.5	12.7	27.2	53.3	102.7	190.4	258.3	361.1	468.2
1993	17.6	5.6	13.9	28.6	61.6	104.4	189.1	266.7	417.6	448.1
1992	16.1	4.8	11.8	30.8	55.5	99.6	170.4	252.9	317.1	426.0
1991	16.7	5.4	13.8	32.9	56.3	111.8	173.8	256.9	334.9	389.9
1990	17.3	5.7	13.6	32.4	60.5	101.5	185.4	263.6	368.1	412.0
1989	17.5	4.6	15.5	34.8	62.8	111.8	181.3	273.6	327.8	366.7
1988	17.2	7.1	17.3	27.9	66.5	111.4	185.6	244.6	333.0	360.0
1987	16.2	5.7	13.3	27.0	60.2	108.1	179.1	226.3	315.2	354.7
1986	16.6	6.2	18.7	29.8	64.6	111.1	183.9	226.7	266.7	355.6
1985	16.0	6.5	14.6	33.5	65.4	106.8	166.7	221.2	304.6	282.3
1984	15.2	7.2	16.5	35.5	61.3	97.9	165.3	188.6	295.2	250.8
1983	14.2	5.7	12.1	33.2	66.3	89.3	143.9	184.8	269.5	248.3
1982	12.6	7.0	15.2	29.7	50.9	86.2	139.7	146.6	195.0	206.9
1981	12.5	7.3	15.8	28.2	53.6	83.2	123.4	158.2	233.8	194.6
1980	12.1	7.1	16.0	30.8	54.9	74.6	126.6	146.5	195.9	184.9
1979	10.7	7.3	14.0	28.8	42.5	71.9	106.6	139.8	135.1	155.8
Other chronic lower respiratory diseases (494,496)										
Black, female										
1998	10.7	3.0	6.5	14.7	26.9	43.6	77.4	106.0	117.2	182.2
1997	10.2	2.9	5.7	14.9	28.6	44.2	74.6	87.0	116.7	176.1
1996	9.9	3.9	6.3	12.9	25.1	43.5	78.0	87.3	108.0	173.8
1995	9.4	2.0	7.0	15.2	25.7	43.8	67.3	87.3	106.3	143.9
1994	9.2	3.2	8.0	13.8	28.0	45.6	63.6	79.8	100.3	146.7
1993	8.7	2.4	6.4	13.4	26.7	42.7	65.7	77.3	102.7	118.2
1992	8.0	2.9	6.6	15.0	23.3	44.1	53.8	67.6	88.1	114.6
1991	7.9	3.8	8.1	12.3	26.7	40.7	57.8	61.4	87.6	107.8
1990	7.6	3.4	7.0	13.8	26.9	39.3	50.9	63.6	82.7	104.2
1989	7.7	*	8.5	15.3	28.1	37.5	54.5	60.1	82.7	96.7
1988	6.6	3.7	7.7	15.1	22.5	33.8	43.9	53.0	66.3	84.6
1987	6.4	*	6.5	14.0	23.3	32.1	41.0	50.2	76.6	88.9
1986	5.7	2.9	5.2	13.3	23.8	29.3	37.2	40.9	67.9	68.1
1985	5.7	3.2	6.0	14.7	22.4	30.1	30.9	47.6	66.5	69.2
1984	5.2	*	6.0	11.8	20.5	22.8	36.8	39.8	57.2	72.1
1983	4.5	*	4.5	8.7	20.5	25.1	23.1	31.3	53.8	68.5
1982	4.2	*	6.4	14.8	15.4	17.7	31.5	32.3	39.9	41.5
1981	3.6	*	5.9	10.2	16.7	15.7	23.4	29.9	38.6	31.0
1980	3.4	*	4.0	9.8	14.2	17.3	20.3	26.4	24.0	42.4
1979	2.6	*	4.1	7.5	10.9	13.1	18.2	19.1	23.4	24.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumoconioses and chemical effects (500-506)										
All races, both sexes										
1998	0.4	*	*	0.2	0.5	1.0	2.0	3.3	5.5	6.0
1997	0.4	*	*	*	0.5	1.0	2.2	3.4	5.0	6.3
1996	0.4	*	*	*	0.5	1.0	2.3	3.5	5.4	6.7
1995	0.4	*	*	0.3	0.6	1.1	2.4	3.6	5.4	5.8
1994	0.4	*	*	0.2	0.5	1.0	2.1	4.0	5.9	5.4
1993	0.4	*	*	0.2	0.7	1.4	2.1	4.0	6.0	6.0
1992	0.4	*	*	0.2	0.6	1.1	2.5	4.3	5.6	6.2
1991	0.5	*	*	0.3	0.7	1.4	2.6	5.2	5.7	6.5
1990	0.5	*	*	0.3	0.9	1.6	3.1	5.4	6.2	6.9
1989	0.5	*	*	0.2	0.8	1.6	3.3	5.1	6.5	5.6
1988	0.5	*	*	0.3	0.8	1.7	3.1	4.9	6.2	5.7
1987	0.5	*	*	0.3	0.9	1.6	3.5	5.7	6.3	6.2
1986	0.6	*	*	0.4	0.8	1.9	3.9	5.1	6.5	6.4
1985	0.6	*	*	0.4	0.9	1.9	4.1	5.6	7.1	6.2
1984	0.6	*	0.2	0.3	1.1	2.3	4.2	5.6	6.9	5.5
1983	0.6	*	*	0.4	1.1	2.5	4.2	5.2	6.4	6.0
1982	0.6	*	0.2	0.6	1.1	2.3	4.3	6.1	6.9	6.4
1981	0.7	*	0.2	0.5	1.4	3.1	4.9	6.7	7.6	8.6
1980	0.7	*	0.2	0.6	1.6	3.3	5.0	6.2	7.5	7.9
1979	0.7	*	0.2	0.7	1.5	3.5	5.2	6.0	6.7	7.7
Pneumoconioses and chemical effects (500-506)										
All races, male										
1998	0.8	*	*	0.5	1.0	2.1	4.5	7.8	14.4	20.0
1997	0.8	*	*	*	1.0	2.1	5.0	7.9	13.6	21.4
1996	0.8	*	*	*	1.1	2.1	5.1	8.2	15.0	23.2
1995	0.8	*	*	0.5	1.2	2.4	5.3	8.7	14.8	20.1
1994	0.8	*	*	0.4	1.2	2.1	4.8	9.6	16.3	18.9
1993	0.9	*	*	*	1.3	2.9	4.7	10.0	16.3	20.8
1992	0.9	*	*	0.5	1.3	2.3	5.5	10.5	15.7	21.8
1991	1.0	*	*	0.6	1.4	2.9	5.9	12.9	16.0	22.9
1990	1.1	*	*	0.6	1.9	3.4	7.1	13.5	17.3	23.1
1989	1.0	*	*	0.5	1.6	3.4	7.4	12.9	18.5	19.1
1988	1.0	*	*	0.7	1.6	3.7	7.2	12.0	17.6	19.5
1987	1.1	*	*	0.7	1.9	3.5	8.1	14.4	17.7	20.7
1986	1.1	*	*	0.6	1.7	4.2	9.2	12.9	18.4	20.9
1985	1.2	*	*	0.9	1.9	4.2	9.6	14.2	19.8	20.8
1984	1.2	*	*	0.7	2.2	4.9	9.7	14.2	19.5	18.5
1983	1.2	*	*	0.7	2.3	5.6	9.9	13.3	18.0	20.1
1982	1.2	*	*	1.3	2.3	5.1	10.1	15.8	19.6	20.9
1981	1.4	*	0.4	1.0	2.8	6.9	11.4	17.2	21.5	27.4
1980	1.4	*	0.5	1.3	3.4	7.3	11.8	15.7	21.0	25.1
1979	1.4	*	0.5	1.3	3.2	7.7	12.3	15.3	18.9	24.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumoconioses and chemical effects (500-506)										
All races, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*
Pneumoconioses and chemical effects (500-506)										
White, both sexes										
1998	0.5	*	*	0.2	0.5	1.1	2.1	3.5	5.8	6.2
1997	0.5	*	*	*	0.5	1.0	2.4	3.5	5.4	6.7
1996	0.5	*	*	*	0.6	0.9	2.4	3.8	5.7	7.0
1995	0.5	*	*	0.2	0.6	1.2	2.5	3.8	5.7	5.9
1994	0.5	*	*	*	0.6	1.0	2.2	4.2	6.4	5.7
1993	0.5	*	*	*	0.7	1.5	2.2	4.3	6.3	6.2
1992	0.5	*	*	0.2	0.7	1.1	2.6	4.5	5.7	6.5
1991	0.6	*	*	0.3	0.7	1.4	2.7	5.3	6.0	6.6
1990	0.6	*	*	0.3	0.9	1.6	3.3	5.6	6.4	7.2
1989	0.6	*	*	0.2	0.8	1.6	3.5	5.4	6.9	5.6
1988	0.6	*	*	0.3	0.8	1.8	3.3	5.1	6.4	5.9
1987	0.6	*	*	0.3	0.9	1.7	3.5	6.0	6.5	6.3
1986	0.6	*	*	0.3	0.8	2.0	4.1	5.2	6.7	6.5
1985	0.7	*	*	0.5	0.9	2.0	4.4	6.0	7.3	6.3
1984	0.6	*	*	0.4	1.1	2.4	4.4	5.9	7.1	5.8
1983	0.6	*	*	0.4	1.1	2.5	4.5	5.5	6.6	6.3
1982	0.7	*	*	0.6	1.1	2.4	4.5	6.4	7.1	6.3
1981	0.8	*	*	0.5	1.4	3.3	5.2	7.0	7.8	8.9
1980	0.8	*	0.2	0.6	1.7	3.5	5.3	6.4	7.7	8.4
1979	0.8	*	0.2	0.7	1.5	3.7	5.5	6.2	7.1	8.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumoconioses and chemical effects (500-506)										
White, male										
1998	0.9	*	*	0.5	1.0	2.3	4.7	8.3	15.2	20.9
1997	0.9	*	*	*	1.1	2.1	5.3	8.4	14.4	22.7
1996	1.0	*	*	*	1.2	2.0	5.4	8.8	15.7	24.6
1995	1.0	*	*	0.5	1.3	2.6	5.6	9.0	15.5	20.6
1994	0.9	*	*	*	1.3	2.2	4.9	10.0	17.4	20.0
1993	1.0	*	*	*	1.4	3.1	4.9	10.7	17.1	22.0
1992	1.0	*	*	0.5	1.4	2.3	5.7	11.1	16.1	22.7
1991	1.1	*	*	0.5	1.4	3.0	6.1	13.3	16.7	23.3
1990	1.2	*	*	0.6	1.9	3.6	7.3	14.1	17.9	24.5
1989	1.1	*	*	0.5	1.6	3.4	7.9	13.7	19.6	19.7
1988	1.1	*	*	0.7	1.7	3.9	7.7	12.5	18.3	20.4
1987	1.2	*	*	0.7	2.0	3.7	8.2	15.1	18.4	21.2
1986	1.2	*	*	0.6	1.8	4.5	9.6	13.4	19.0	21.7
1985	1.3	*	*	0.9	2.0	4.4	10.4	15.2	20.5	21.7
1984	1.3	*	*	0.7	2.2	5.1	10.3	15.3	20.4	19.7
1983	1.3	*	*	0.7	2.3	5.6	10.6	14.0	18.8	21.1
1982	1.4	*	*	1.3	2.3	5.4	10.6	16.6	20.4	20.9
1981	1.6	*	*	1.0	2.9	7.3	12.2	18.1	22.5	28.7
1980	1.6	*	0.4	1.3	3.6	7.7	12.6	16.5	21.7	27.1
1979	1.5	*	0.5	1.3	3.3	8.2	13.0	16.1	20.2	25.3
Pneumoconioses and chemical effects (500-506)										
White, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumoconioses and chemical effects (500-506)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	3.5	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	3.0	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	2.4	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*
Pneumoconioses and chemical effects (500-506)										
All other, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	9.2	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	7.5	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	5.3	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumoconioses and chemical effects (500-506)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Pneumoconioses and chemical effects (500-506)										
Black, both sexes										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	4.3	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	3.7	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	2.7	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumoconioses and chemical effects (500-506)										
Black, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	11.7	*	*
1990	0.6	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	9.2	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.5	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.7	*	*	*	*	6.0	*	*	*	*
1982	0.7	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.7	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*
Pneumoconioses and chemical effects (500-506)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonitis due to solids and liquids (507)										
All races, both sexes										
1998	4.6	0.5	0.8	1.3	2.3	4.9	11.1	24.1	54.2	149.4
1997	4.2	0.5	0.8	1.4	2.5	4.9	10.2	21.4	48.3	139.0
1996	3.8	0.3	0.7	1.3	2.0	4.3	9.5	21.1	43.8	126.8
1995	3.6	0.5	0.6	1.2	2.3	4.3	8.7	18.4	43.3	121.2
1994	3.4	0.5	0.5	1.1	2.0	4.2	8.7	18.4	40.0	115.1
1993	3.3	0.4	0.6	1.1	1.7	4.0	7.9	18.5	39.7	117.8
1992	3.2	0.4	0.6	1.0	2.1	3.7	8.2	17.5	37.8	113.0
1991	3.2	0.5	0.7	1.2	2.1	4.1	8.1	18.5	38.1	112.1
1990	3.1	0.3	0.6	1.1	2.4	4.1	8.2	17.4	39.1	111.1
1989	3.1	0.4	0.6	1.4	1.9	4.3	8.8	17.9	40.0	111.2
1988	3.2	0.5	0.8	1.3	2.5	4.6	8.6	19.7	41.7	109.1
1987	3.0	0.4	0.8	1.3	2.3	4.4	8.9	18.5	39.0	106.4
1986	2.8	0.5	0.8	1.2	2.4	4.0	8.6	19.0	37.2	96.6
1985	2.6	0.5	0.8	1.2	2.3	3.9	8.1	17.3	33.2	90.0
1984	2.3	0.6	0.8	1.2	2.4	4.2	7.1	13.9	30.3	78.0
1983	2.0	0.3	0.8	1.2	1.9	3.7	6.1	13.2	25.6	64.2
1982	1.7	0.4	0.8	1.1	1.8	3.2	5.6	12.0	23.3	53.5
1981	1.6	0.5	0.7	1.1	1.7	3.0	5.4	10.1	22.0	49.7
1980	1.5	0.4	0.7	1.2	2.0	3.2	5.4	10.0	18.8	44.2
1979	1.3	0.6	0.8	1.0	1.7	2.5	4.6	8.1	17.7	33.7
Pneumonitis due to solids and liquids (507)										
All races, male										
1998	4.6	0.5	1.1	1.8	3.0	6.7	15.7	33.1	76.1	214.7
1997	4.2	0.7	1.0	1.7	3.0	6.1	14.2	31.7	70.0	200.0
1996	3.8	0.4	1.0	1.6	2.7	5.8	13.0	29.4	63.7	177.9
1995	3.7	0.6	0.8	1.7	3.3	6.1	11.9	27.5	63.9	179.5
1994	3.5	0.7	0.6	1.2	3.0	6.1	12.9	26.7	61.1	166.3
1993	3.4	0.5	0.8	1.4	2.3	5.6	11.5	27.9	59.0	165.0
1992	3.2	0.5	0.8	1.4	2.8	5.4	12.1	25.7	53.4	164.9
1991	3.3	0.6	0.8	1.7	3.0	6.0	11.6	26.9	57.1	163.0
1990	3.1	0.5	0.8	1.5	3.6	5.9	12.4	24.7	54.5	158.1
1989	3.2	0.6	0.8	1.8	2.8	6.5	13.3	25.9	60.0	156.7
1988	3.3	0.6	0.9	1.8	3.5	7.0	13.4	29.5	60.0	155.6
1987	3.1	0.5	1.0	1.7	3.4	6.4	12.9	27.7	58.9	151.4
1986	3.1	0.7	1.2	1.7	3.4	5.8	13.2	29.2	55.8	149.0
1985	2.8	0.7	1.2	1.7	3.7	5.5	11.5	26.1	47.5	136.7
1984	2.6	0.8	1.2	1.4	3.5	6.2	11.2	21.2	45.2	124.2
1983	2.3	0.5	1.2	1.7	2.8	5.7	9.8	20.6	39.5	104.1
1982	2.0	0.7	1.2	1.6	2.6	5.1	8.5	18.1	35.5	88.1
1981	1.9	0.7	1.0	1.5	2.7	4.6	8.2	16.7	36.3	83.0
1980	1.7	0.6	1.1	1.8	2.7	5.0	7.6	14.9	29.9	71.8
1979	1.5	0.8	1.2	1.5	2.5	3.8	7.1	11.9	30.6	53.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonitis due to solids and liquids (507)										
All races, female										
1998	4.6	0.4	0.6	0.9	1.7	3.4	7.6	17.9	41.5	123.4
1997	4.2	0.3	0.5	1.1	2.0	3.8	7.2	14.4	35.9	115.1
1996	3.9	0.3	0.5	0.9	1.4	3.1	6.8	15.4	32.6	107.0
1995	3.5	0.4	0.4	0.7	1.4	2.7	6.2	12.2	31.9	98.7
1994	3.3	0.3	0.5	1.0	1.2	2.6	5.4	12.9	28.4	95.5
1993	3.3	0.3	0.3	0.8	1.3	2.7	5.1	12.3	29.2	99.7
1992	3.2	0.3	0.5	0.7	1.5	2.3	5.3	12.1	29.4	93.1
1991	3.1	0.3	0.6	0.8	1.3	2.5	5.5	13.1	27.9	92.6
1990	3.1	*	0.4	0.8	1.3	2.6	5.0	12.6	30.9	93.0
1989	3.0	*	0.4	1.0	1.2	2.4	5.5	12.8	29.5	93.5
1988	3.0	0.4	0.6	0.9	1.6	2.6	5.1	13.4	32.0	90.9
1987	2.9	*	0.6	0.9	1.3	2.7	6.0	12.6	28.6	88.6
1986	2.6	*	0.5	0.7	1.5	2.4	5.3	12.5	27.5	75.9
1985	2.4	*	0.6	0.8	1.1	2.7	5.6	11.8	25.7	71.4
1984	2.0	*	0.4	1.0	1.4	2.6	4.2	9.4	22.5	59.3
1983	1.7	*	0.5	0.8	1.2	2.1	3.5	8.5	18.2	47.9
1982	1.5	*	0.6	0.6	1.0	1.7	3.4	8.2	16.9	39.1
1981	1.3	*	0.4	0.7	0.8	1.8	3.4	6.0	14.4	35.5
1980	1.2	*	*	0.7	1.3	1.9	3.8	6.9	12.9	32.1
1979	1.0	*	0.4	0.5	0.9	1.5	2.7	5.8	10.7	25.1
Pneumonitis due to solids and liquids (507)										
White, both sexes										
1998	4.9	0.4	0.7	1.2	2.2	4.3	10.4	23.5	53.7	150.1
1997	4.5	0.4	0.7	1.3	2.2	4.6	9.6	21.0	47.6	139.9
1996	4.1	0.3	0.7	1.2	1.8	4.0	9.0	20.3	43.5	126.7
1995	3.8	0.4	0.5	1.0	2.1	3.8	8.2	17.8	42.5	121.1
1994	3.6	0.5	0.4	1.0	1.8	3.8	8.2	17.5	38.8	114.6
1993	3.5	0.3	0.5	0.9	1.5	3.6	7.5	17.6	38.5	119.0
1992	3.4	0.3	0.6	0.9	1.8	3.3	7.5	17.1	37.4	112.9
1991	3.3	0.4	0.6	1.1	1.9	3.7	7.6	17.6	37.2	111.5
1990	3.2	0.3	0.5	1.0	2.0	3.7	7.5	16.7	37.9	109.9
1989	3.2	0.4	0.5	1.1	1.6	3.6	8.2	16.8	39.2	110.0
1988	3.3	0.4	0.7	1.2	2.1	4.1	8.0	18.5	41.3	108.7
1987	3.1	0.3	0.5	1.1	2.0	3.9	8.4	17.3	37.6	106.6
1986	2.9	0.4	0.6	0.9	2.0	3.4	7.9	17.7	36.3	95.3
1985	2.7	0.4	0.6	1.1	1.9	3.4	7.3	16.5	32.2	89.9
1984	2.3	0.4	0.6	1.0	2.0	3.7	6.6	13.6	29.1	77.9
1983	2.0	0.2	0.7	1.0	1.5	3.4	5.4	12.8	24.6	64.1
1982	1.7	0.3	0.8	0.9	1.5	2.9	5.2	11.5	22.3	52.7
1981	1.6	0.4	0.5	0.9	1.5	2.8	4.8	9.5	21.1	49.2
1980	1.4	0.3	0.6	1.0	1.6	2.8	4.7	9.4	18.6	43.7
1979	1.2	0.4	0.6	0.8	1.4	2.2	4.3	7.9	17.6	33.4

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonitis due to solids and liquids (507)										
White, male										
1998	4.9	0.5	0.9	1.5	2.8	5.8	14.6	32.6	75.2	217.0
1997	4.5	0.6	1.0	1.5	2.7	5.6	13.3	30.9	68.9	202.1
1996	4.0	0.4	0.9	1.5	2.4	5.1	12.3	27.8	63.5	177.9
1995	3.9	0.5	0.7	1.3	3.0	5.6	11.1	26.4	62.2	182.4
1994	3.7	0.6	0.5	1.2	2.6	5.5	12.1	25.2	59.1	167.6
1993	3.5	0.4	0.6	1.2	1.9	5.1	10.9	26.3	57.3	167.8
1992	3.3	0.4	0.8	1.1	2.5	4.9	11.0	25.1	52.7	164.6
1991	3.4	0.5	0.6	1.6	2.9	5.4	10.6	25.7	56.3	161.7
1990	3.2	0.4	0.7	1.2	3.0	5.2	11.0	23.7	53.8	158.3
1989	3.2	0.5	0.6	1.4	2.3	5.5	12.2	24.0	58.2	156.0
1988	3.3	0.4	0.8	1.5	3.0	6.3	12.5	27.2	59.6	156.5
1987	3.2	*	0.6	1.4	2.9	5.6	12.2	26.1	56.4	152.8
1986	3.1	0.5	0.9	1.3	2.8	4.9	12.2	27.5	54.2	150.1
1985	2.8	0.5	0.8	1.4	3.0	4.8	10.6	24.6	46.1	136.5
1984	2.6	0.5	0.9	1.1	3.0	5.4	10.4	20.5	43.4	124.4
1983	2.2	*	0.9	1.4	2.1	5.2	8.5	19.8	37.7	104.2
1982	2.0	0.4	1.1	1.3	2.1	4.5	8.0	17.4	34.8	86.8
1981	1.9	0.6	0.7	1.2	2.4	4.0	7.2	16.0	35.2	83.2
1980	1.7	0.5	0.9	1.4	2.1	4.3	6.9	13.9	29.7	70.9
1979	1.5	0.5	0.8	1.3	2.2	3.2	6.8	11.5	30.6	53.2
Pneumonitis due to solids and liquids (507)										
White, female										
1998	5.0	0.4	0.5	0.9	1.7	3.0	7.0	17.2	41.2	123.7
1997	4.5	0.3	0.4	1.1	1.8	3.7	6.7	14.1	35.3	115.7
1996	4.2	0.3	0.4	0.8	1.3	2.9	6.5	15.1	32.2	107.0
1995	3.7	0.3	0.3	0.6	1.4	2.3	5.9	11.9	31.6	97.8
1994	3.5	0.3	*	0.9	1.1	2.4	5.1	12.3	27.6	94.5
1993	3.6	*	*	0.6	1.1	2.4	4.9	11.8	28.3	100.7
1992	3.4	*	0.5	0.6	1.2	2.0	4.8	11.8	29.1	93.4
1991	3.3	*	0.6	0.6	1.1	2.3	5.3	12.3	27.1	92.6
1990	3.2	*	*	0.8	1.2	2.4	4.9	12.2	29.5	91.4
1989	3.2	*	*	0.9	1.0	2.0	5.3	12.1	29.2	92.5
1988	3.2	0.4	0.6	0.8	1.4	2.3	4.7	12.9	31.8	90.3
1987	3.0	*	0.5	0.9	1.1	2.4	5.5	11.7	27.8	88.7
1986	2.6	*	0.4	0.6	1.3	2.2	4.8	11.6	27.0	73.9
1985	2.5	*	0.4	0.7	1.0	2.3	4.9	11.4	25.0	71.7
1984	2.1	*	*	0.9	1.2	2.2	3.8	9.3	21.7	59.4
1983	1.7	*	0.4	0.6	1.0	2.0	3.1	8.4	17.8	48.0
1982	1.5	*	0.5	0.5	1.0	1.6	3.1	7.8	15.8	38.8
1981	1.3	*	*	0.6	0.7	1.7	3.0	5.4	13.7	35.0
1980	1.2	*	*	0.6	1.1	1.6	3.1	6.5	12.7	32.0
1979	1.0	*	0.4	0.5	0.7	1.3	2.6	5.6	10.7	24.7

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonitis due to solids and liquids (507)										
All other, both sexes										
1998	3.0	*	1.5	2.4	3.0	9.1	16.8	29.7	58.7	142.1
1997	2.8	0.7	1.1	2.1	4.0	7.0	15.7	25.6	55.2	130.5
1996	2.6	*	1.2	1.8	3.4	7.2	13.7	28.7	46.5	128.4
1995	2.6	1.0	*	2.7	3.4	7.8	13.4	24.4	51.4	121.4
1994	2.5	*	1.4	1.7	3.4	7.1	12.9	27.2	52.0	120.3
1993	2.4	*	1.2	2.0	3.6	6.9	11.3	27.3	51.5	104.9
1992	2.4	*	*	1.9	4.3	7.1	14.4	21.3	41.9	113.6
1991	2.5	*	1.3	2.0	3.3	7.0	13.0	27.2	46.6	118.2
1990	2.5	*	1.5	2.1	5.0	7.7	14.2	23.3	51.6	124.8
1989	2.7	*	1.3	3.1	4.3	10.1	13.6	28.8	49.1	124.2
1988	2.7	1.3	1.5	2.6	5.3	8.3	14.4	31.3	45.6	113.3
1987	2.6	*	2.7	2.3	4.7	8.4	14.0	29.6	54.2	104.2
1986	2.6	*	2.0	3.0	5.2	8.5	15.0	30.5	46.8	111.7
1985	2.4	*	2.4	2.6	5.3	8.4	15.5	25.6	43.7	90.6
1984	2.2	1.6	2.1	2.3	5.5	9.2	11.6	17.2	42.9	78.8
1983	1.9	*	2.1	3.0	5.3	6.2	12.9	16.9	36.3	65.4
1982	1.8	*	*	2.8	3.8	6.0	9.6	17.2	34.5	62.5
1981	1.7	*	2.1	2.7	3.7	5.4	11.7	16.3	32.0	55.3
1980	1.8	*	1.7	3.1	5.6	7.2	12.6	16.1	21.8	49.1
1979	1.5	1.7	2.4	2.2	4.3	5.7	6.9	10.7	18.3	36.8
Pneumonitis due to solids and liquids (507)										
All other, male										
1998	3.1	*	2.2	3.7	4.3	13.2	24.7	38.4	85.7	192.6
1997	2.9	*	*	3.1	5.0	10.1	22.4	39.3	81.2	180.5
1996	2.8	*	*	*	5.0	10.8	20.0	44.4	65.9	178.5
1995	2.8	*	*	4.5	5.4	10.0	19.6	38.4	81.5	152.5
1994	2.8	*	*	*	5.5	10.9	20.2	41.2	81.6	153.9
1993	2.7	*	*	*	4.9	9.9	17.5	43.6	75.6	139.7
1992	2.7	*	*	3.3	5.5	9.7	21.9	32.0	60.0	167.6
1991	2.7	*	*	*	4.0	10.9	21.2	38.7	65.5	175.0
1990	2.9	*	*	*	8.6	12.4	26.0	34.4	61.5	156.0
1989	3.2	*	*	4.5	7.3	15.5	23.1	44.6	77.7	163.0
1988	3.1	*	*	4.0	8.1	13.1	22.2	52.1	64.1	146.8
1987	3.1	*	3.9	3.4	7.3	13.3	19.2	42.8	84.8	137.7
1986	3.1	*	3.1	4.9	8.3	13.8	22.7	44.3	71.3	138.7
1985	2.9	*	3.8	3.9	9.2	11.4	20.3	39.8	61.5	138.4
1984	2.7	2.9	3.3	*	8.2	13.1	18.2	27.7	63.4	122.2
1983	2.5	*	3.7	4.2	8.6	9.8	21.8	27.9	57.7	102.9
1982	2.3	*	*	4.7	6.7	9.9	13.8	24.6	42.6	101.5
1981	2.2	*	3.3	4.4	5.8	9.7	18.0	23.1	47.3	81.3
1980	2.2	*	*	5.4	8.5	10.9	14.9	24.0	32.1	80.6
1979	2.0	3.4	4.3	4.0	6.1	9.0	10.2	15.8	30.2	50.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonitis due to solids and liquids (507)										
All other, female										
1998	2.9	*	*	*	*	6.1	11.5	24.1	44.4	120.9
1997	2.6	*	*	*	3.2	4.7	11.1	17.0	41.5	109.4
1996	2.4	*	*	*	*	4.5	9.4	18.8	36.1	107.3
1995	2.4	*	*	*	*	6.1	9.2	15.7	35.4	108.2
1994	2.3	*	*	*	*	4.3	7.9	18.5	36.1	105.9
1993	2.1	*	*	*	*	4.7	7.1	17.3	38.4	89.8
1992	2.1	*	*	*	3.3	5.1	9.3	14.8	31.8	90.0
1991	2.2	*	*	*	2.8	4.1	7.4	20.1	36.2	93.1
1990	2.3	*	*	*	*	4.2	6.2	16.4	46.1	110.6
1989	2.2	*	*	*	*	6.1	7.1	18.9	33.0	105.7
1988	2.2	*	*	*	3.0	4.7	9.0	18.2	34.8	97.6
1987	2.2	*	*	*	*	4.9	10.5	21.1	36.7	88.3
1986	2.2	*	*	*	*	4.4	9.7	21.6	32.8	98.7
1985	1.9	*	*	*	*	6.2	12.2	16.2	33.3	67.3
1984	1.6	*	*	*	3.3	6.3	7.0	10.2	30.8	57.2
1983	1.4	*	*	*	*	*	6.5	9.5	23.6	46.8
1982	1.3	*	*	*	*	*	6.5	12.3	29.9	42.9
1981	1.3	*	*	*	*	*	7.0	11.6	22.7	41.7
1980	1.3	*	*	*	*	4.4	10.8	10.6	15.5	32.9
1979	1.0	*	*	*	*	*	*	*	*	29.8
Pneumonitis due to solids and liquids (507)										
Black, both sexes										
1998	3.7	*	2.0	3.2	4.0	11.7	20.0	33.7	66.4	151.3
1997	3.3	*	1.4	2.5	5.0	8.2	18.8	30.2	61.2	137.4
1996	3.1	*	1.6	2.4	4.3	8.5	15.5	33.6	52.4	129.6
1995	3.1	1.4	*	3.2	4.0	8.9	15.0	28.2	55.6	126.3
1994	3.0	*	2.0	2.3	4.2	8.7	14.4	29.9	57.0	122.3
1993	2.8	*	*	2.8	3.9	7.9	12.8	29.9	55.4	108.2
1992	2.9	*	*	2.4	5.5	8.3	18.1	22.4	45.9	114.3
1991	2.8	*	1.6	2.3	3.9	8.2	14.4	28.5	45.6	118.2
1990	3.0	*	2.0	2.7	6.1	8.6	16.6	25.4	52.4	128.0
1989	3.2	*	*	3.7	5.3	12.0	14.6	30.9	51.4	129.5
1988	3.1	1.7	1.9	3.1	6.3	9.2	16.2	33.6	48.2	114.0
1987	3.0	*	3.2	2.6	5.1	10.0	15.3	33.0	57.8	98.1
1986	3.0	*	2.3	3.5	6.1	9.6	16.5	34.0	47.1	110.4
1985	2.8	*	2.9	3.1	6.1	9.7	17.5	28.4	47.8	89.2
1984	2.4	1.9	2.4	2.6	6.3	10.5	13.2	18.7	45.8	73.7
1983	2.2	*	2.6	3.5	6.1	7.0	13.9	18.4	37.9	64.7
1982	2.0	*	*	3.2	4.4	6.7	10.3	17.9	37.2	56.3
1981	1.9	*	2.5	3.1	3.9	6.2	12.7	17.2	33.5	54.2
1980	1.9	*	1.9	3.7	6.1	7.4	13.1	16.0	22.5	47.8
1979	1.6	2.0	2.6	2.5	4.8	6.3	7.8	11.4	18.4	34.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pneumonitis due to solids and liquids (507)										
Black, male										
1998	3.8	*	2.9	4.7	6.1	17.3	29.9	43.9	103.7	214.1
1997	3.5	*	*	4.0	5.8	11.9	27.3	49.0	92.0	193.1
1996	3.4	*	*	*	6.6	13.2	24.4	52.9	78.7	177.0
1995	3.3	*	*	5.5	6.7	11.2	21.8	43.3	93.4	152.8
1994	3.3	*	*	*	7.2	13.7	23.0	45.8	92.9	151.6
1993	3.1	*	*	*	5.3	11.5	19.7	49.0	82.0	141.6
1992	3.2	*	*	4.5	7.0	11.2	27.9	33.1	68.7	169.5
1991	3.2	*	*	*	4.7	13.5	23.6	42.9	65.8	178.3
1990	3.3	*	*	*	10.8	13.6	30.8	38.1	64.1	161.5
1989	3.8	*	*	5.4	8.8	18.5	24.6	48.9	82.5	171.2
1988	3.7	*	*	4.9	9.8	15.6	25.2	57.6	67.0	146.2
1987	3.5	*	5.0	4.3	7.7	15.9	21.3	48.0	90.2	135.9
1986	3.5	*	*	5.9	9.9	15.7	24.2	49.4	68.9	133.3
1985	3.4	*	4.6	4.6	10.7	13.0	24.0	45.9	70.1	138.7
1984	3.1	3.6	*	*	9.8	15.1	20.8	31.7	69.0	109.8
1983	2.9	*	4.6	5.0	10.2	11.6	24.6	30.3	58.5	98.3
1982	2.5	*	*	5.3	7.8	11.1	15.3	26.7	48.8	89.7
1981	2.5	*	*	5.1	6.1	11.4	19.7	24.7	49.4	76.8
1980	2.5	*	*	6.4	9.6	11.7	15.3	24.8	33.3	83.0
1979	2.2	3.8	4.4	4.4	7.0	10.4	11.9	17.4	29.9	42.3
Pneumonitis due to solids and liquids (507)										
Black, female										
1998	3.5	*	*	*	*	7.5	13.5	27.5	48.3	127.7
1997	3.2	*	*	*	4.4	5.5	13.3	18.9	46.2	116.2
1996	2.9	*	*	*	*	5.0	9.7	22.0	39.6	111.4
1995	2.9	*	*	*	*	7.1	10.5	19.3	37.3	116.0
1994	2.8	*	*	*	*	5.1	8.9	20.6	39.3	110.8
1993	2.6	*	*	*	*	5.3	8.2	18.9	42.0	95.0
1992	2.6	*	*	*	4.3	6.2	11.6	16.3	34.4	92.1
1991	2.5	*	*	*	*	4.4	8.3	20.2	35.4	93.5
1990	2.7	*	*	*	*	5.0	7.3	18.0	46.3	113.8
1989	2.7	*	*	*	*	7.3	8.1	20.3	35.1	112.4
1988	2.6	*	*	*	3.6	4.5	10.3	19.3	38.2	100.0
1987	2.5	*	*	*	*	5.7	11.4	23.9	40.4	81.3
1986	2.6	*	*	*	*	5.1	11.4	24.6	35.2	100.0
1985	2.2	*	*	*	*	7.4	13.2	17.6	35.4	66.2
1984	1.9	*	*	*	*	7.0	8.2	10.5	32.9	56.6
1983	1.6	*	*	*	*	*	6.7	10.8	26.2	48.4
1982	1.5	*	*	*	*	*	6.8	12.4	30.4	39.8
1981	1.5	*	*	*	*	*	7.9	12.3	24.2	42.5
1980	1.4	*	*	*	*	*	11.5	10.2	16.0	30.2
1979	1.1	*	*	*	*	*	*	*	*	29.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
All races, both sexes										
1998	7.4	2.1	3.3	6.3	10.9	18.6	30.9	48.5	71.7	116.0
1997	7.1	2.3	3.3	5.9	10.5	18.3	31.2	45.6	70.9	111.2
1996	7.0	2.1	3.4	6.1	10.6	18.1	29.3	45.3	65.8	111.9
1995	6.8	2.0	3.7	6.0	10.7	17.7	28.7	44.2	65.7	104.2
1994	6.8	2.3	3.5	5.7	10.7	18.3	29.0	43.7	66.6	104.7
1993	6.8	2.1	3.6	6.1	11.0	17.2	29.2	45.4	63.5	105.4
1992	6.5	2.2	3.3	5.9	10.2	18.5	28.1	42.4	61.3	100.6
1991	6.7	2.7	3.9	6.3	11.0	18.1	28.7	42.2	63.0	107.0
1990	6.6	2.4	3.6	5.8	11.6	17.2	28.5	41.8	62.5	105.2
1989	6.7	2.5	3.9	6.9	11.0	17.5	29.7	42.1	63.2	105.3
1988	6.9	2.7	4.2	7.0	11.1	18.9	28.8	46.3	65.8	110.0
1987	6.6	2.4	4.0	6.5	11.2	17.8	28.7	44.0	63.2	106.6
1986	6.6	2.6	4.1	6.7	11.4	18.2	28.5	43.7	63.0	103.5
1985	6.6	2.7	4.1	7.0	11.4	18.2	29.0	42.4	65.0	106.7
1984	6.1	2.6	3.8	6.7	10.6	16.7	26.6	39.2	58.4	97.7
1983	6.1	2.5	4.1	6.5	10.9	16.6	26.7	40.1	58.5	98.5
1982	5.6	2.4	4.2	6.8	10.6	16.6	24.8	36.6	53.7	85.9
1981	5.6	2.7	4.2	6.5	10.5	16.2	24.5	36.4	54.1	85.1
1980	5.5	2.9	4.2	6.6	10.4	16.2	23.9	35.7	52.6	85.0
1979	5.2	2.8	4.0	6.6	10.5	14.7	22.7	33.8	48.3	72.7
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
All races, male										
1998	7.5	2.2	4.1	7.5	13.0	24.5	39.5	63.5	89.8	150.3
1997	7.3	2.5	3.4	6.9	12.4	23.0	40.8	60.6	95.6	144.1
1996	7.1	2.3	3.8	7.2	13.1	23.0	38.7	58.5	89.1	147.2
1995	6.9	2.1	4.0	6.5	13.0	22.9	37.3	58.6	87.3	137.0
1994	7.0	2.4	3.9	6.9	13.6	23.7	38.4	58.1	88.9	138.1
1993	7.0	2.1	3.8	7.3	13.6	22.4	37.8	61.2	85.6	139.5
1992	6.9	2.5	4.0	6.8	12.6	24.6	37.0	56.3	85.2	136.2
1991	7.1	3.3	4.4	7.7	13.7	23.4	39.1	57.8	87.2	136.6
1990	6.9	2.8	4.3	7.2	15.1	23.4	38.1	57.4	83.2	134.6
1989	7.1	2.9	4.7	8.9	14.0	22.9	39.8	57.9	84.2	139.0
1988	7.4	3.2	5.1	8.7	14.3	25.5	37.7	62.4	91.3	151.6
1987	7.2	2.6	4.7	8.0	14.5	23.1	39.5	63.2	89.1	143.7
1986	7.2	3.2	5.0	8.2	14.7	23.5	38.6	59.8	90.2	139.7
1985	7.3	3.2	4.9	9.0	14.5	24.8	40.1	60.3	92.6	150.7
1984	6.7	2.8	4.2	8.6	14.2	21.8	36.9	57.4	81.9	139.4
1983	6.7	3.0	5.1	8.0	14.2	22.5	36.4	57.6	85.8	134.0
1982	6.4	2.8	5.2	9.0	13.7	22.6	35.5	53.4	82.7	120.2
1981	6.5	3.2	5.6	8.6	14.0	21.9	35.0	52.4	79.3	122.4
1980	6.5	3.7	5.7	8.7	14.4	22.8	35.6	52.6	83.1	119.4
1979	6.2	3.5	5.3	8.9	14.3	20.7	34.1	52.9	74.6	98.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
All races, female										
1998	7.2	2.0	2.6	5.1	8.9	13.5	24.3	38.1	61.2	102.4
1997	7.0	2.1	3.2	5.0	8.9	14.4	23.7	35.3	56.8	98.2
1996	6.8	2.0	2.9	5.0	8.4	14.0	22.0	36.3	52.7	98.2
1995	6.6	2.0	3.5	5.5	8.6	13.3	22.1	34.4	53.8	91.6
1994	6.5	2.1	3.1	4.7	8.2	13.9	21.8	34.1	54.4	91.9
1993	6.5	2.0	3.5	5.1	8.7	12.9	22.7	34.9	51.5	92.4
1992	6.2	2.0	2.6	5.1	8.1	13.6	21.3	33.2	48.5	87.1
1991	6.4	2.2	3.3	5.1	8.6	13.8	20.8	32.1	50.1	95.7
1990	6.2	2.0	3.0	4.6	8.6	12.2	21.4	31.8	51.5	93.8
1989	6.3	2.0	3.2	5.1	8.3	13.1	22.2	31.9	52.1	92.2
1988	6.4	2.2	3.4	5.3	8.3	13.5	22.3	36.0	52.3	93.7
1987	6.1	2.1	3.3	5.2	8.4	13.4	20.8	31.8	49.6	92.0
1986	6.1	1.9	3.2	5.4	8.5	13.9	21.2	33.5	48.8	89.1
1985	6.0	2.2	3.3	5.1	8.7	12.9	21.0	31.2	50.5	89.1
1984	5.5	2.4	3.4	5.0	7.6	12.6	19.2	27.8	46.0	80.9
1983	5.5	2.1	3.2	5.3	8.1	11.9	19.6	29.1	44.1	83.9
1982	4.9	1.9	3.3	4.9	7.9	11.7	17.0	26.1	38.4	71.6
1981	4.9	2.3	3.0	4.7	7.5	11.6	16.9	26.4	40.7	69.1
1980	4.6	2.3	2.9	4.8	7.0	10.9	15.4	25.2	36.3	69.9
1979	4.3	2.1	2.7	4.6	7.2	9.8	14.4	21.8	34.3	61.3
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
White, both sexes										
1998	7.9	1.9	3.0	5.8	10.4	18.5	31.3	49.5	73.5	119.3
1997	7.7	1.9	3.0	5.5	10.3	18.2	31.6	46.9	72.7	114.4
1996	7.4	1.8	3.0	5.7	10.2	18.2	29.5	46.2	67.0	115.4
1995	7.2	1.8	3.2	5.3	10.3	17.5	29.3	45.0	67.3	107.5
1994	7.2	1.9	3.1	5.2	10.4	18.3	28.8	44.5	68.0	107.2
1993	7.2	1.7	3.3	5.6	10.5	17.2	29.4	46.0	64.9	108.6
1992	6.8	1.8	2.9	5.3	9.8	18.2	28.1	43.3	61.8	103.0
1991	7.0	2.1	3.6	5.9	10.7	17.9	28.6	43.2	63.7	109.3
1990	6.8	2.1	3.2	5.2	11.0	16.7	28.5	42.1	63.4	106.6
1989	6.9	2.0	3.4	6.2	10.3	17.0	29.0	42.4	63.8	107.2
1988	7.1	2.3	3.6	6.5	10.4	18.3	28.7	46.3	66.7	111.6
1987	6.8	1.9	3.4	5.9	10.5	17.3	28.5	44.6	63.8	108.8
1986	6.8	2.0	3.6	6.0	11.0	17.8	28.3	43.7	64.3	105.3
1985	6.7	2.1	3.4	6.2	10.6	17.6	28.6	43.0	65.8	108.8
1984	6.2	2.0	3.3	6.2	10.1	16.5	26.1	39.4	59.1	99.6
1983	6.2	2.0	3.7	6.0	10.0	16.4	26.6	40.4	59.0	100.0
1982	5.7	2.0	3.6	6.0	9.9	16.0	24.4	36.7	53.7	88.0
1981	5.6	2.2	3.7	5.7	9.9	15.8	24.5	36.6	54.1	86.0
1980	5.5	2.3	3.4	5.9	9.7	15.7	23.8	35.5	52.6	86.7
1979	5.1	2.3	3.2	5.9	9.9	14.4	22.6	33.7	48.9	73.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
White, male										
1998	8.1	1.9	3.9	6.9	12.4	24.9	40.1	64.8	92.0	154.9
1997	7.8	2.0	3.3	6.5	12.2	22.8	41.5	62.0	98.0	148.1
1996	7.6	1.9	3.5	6.9	12.4	23.3	39.1	59.7	90.0	152.0
1995	7.3	1.8	3.4	5.9	12.7	22.7	38.1	59.1	89.3	141.2
1994	7.4	2.1	3.5	6.3	13.4	23.7	37.8	58.7	91.0	140.2
1993	7.4	1.8	3.5	6.7	13.1	22.4	38.0	62.0	87.1	143.1
1992	7.2	2.1	3.4	6.3	12.2	24.1	37.1	57.6	85.4	138.9
1991	7.3	2.4	4.3	7.1	13.5	23.0	39.2	58.8	87.6	140.1
1990	7.1	2.2	3.8	6.2	14.3	23.0	38.0	58.6	84.3	137.5
1989	7.2	2.3	4.2	7.9	13.1	21.9	38.9	58.3	85.3	140.1
1988	7.5	2.8	4.2	8.3	13.5	24.7	37.5	62.4	92.4	154.3
1987	7.3	2.1	4.0	7.3	13.8	22.2	39.0	63.3	90.0	148.0
1986	7.2	2.5	4.2	7.3	14.2	22.6	37.8	59.1	92.2	142.8
1985	7.3	2.5	4.1	8.2	13.5	24.1	39.4	61.1	94.0	153.9
1984	6.8	2.2	3.7	7.8	13.6	21.3	36.4	57.6	83.3	143.0
1983	6.8	2.3	4.6	7.1	13.1	22.0	36.3	57.5	86.6	135.6
1982	6.4	2.3	4.6	7.7	12.7	21.8	35.0	52.8	82.7	123.8
1981	6.4	2.5	4.7	7.5	13.3	21.5	35.2	53.2	79.3	122.9
1980	6.4	2.9	4.4	7.7	13.2	21.8	35.5	52.1	84.0	121.3
1979	6.0	2.8	4.3	7.8	13.4	20.1	34.1	52.7	75.5	99.5
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
White, female										
1998	7.8	1.9	2.3	4.9	8.6	12.9	24.3	38.9	62.8	105.3
1997	7.5	1.8	2.8	4.5	8.5	14.3	23.9	36.4	58.1	101.3
1996	7.3	1.6	2.5	4.7	8.2	13.9	22.0	36.8	53.9	101.3
1995	7.1	1.8	3.0	4.8	8.2	13.0	22.5	35.3	55.0	94.6
1994	7.0	1.7	2.8	4.2	7.8	13.7	21.8	34.9	55.5	94.7
1993	7.0	1.5	3.1	4.5	8.2	12.9	22.8	35.3	52.8	95.6
1992	6.5	1.5	2.4	4.4	7.5	13.3	21.3	33.8	49.2	89.5
1991	6.7	1.8	2.9	4.8	8.1	13.6	20.6	33.0	50.9	97.7
1990	6.5	1.9	2.7	4.3	8.1	11.6	21.3	31.4	52.3	94.8
1989	6.5	1.6	2.6	4.6	7.8	13.0	21.6	32.1	52.5	94.6
1988	6.7	1.9	3.0	4.7	7.7	13.0	22.1	36.1	53.2	95.2
1987	6.4	1.7	2.8	4.7	7.7	13.3	20.8	32.8	50.2	93.6
1986	6.3	1.6	3.0	4.9	8.1	13.8	21.3	33.9	49.8	90.6
1985	6.1	1.8	2.8	4.5	8.1	12.2	20.8	31.6	51.2	91.1
1984	5.6	1.7	2.9	4.7	7.1	12.6	18.7	28.0	46.5	82.4
1983	5.6	1.8	2.8	5.1	7.3	11.9	19.6	29.7	44.7	85.6
1982	5.0	1.6	2.7	4.5	7.4	11.3	16.8	26.6	38.6	73.3
1981	4.9	1.9	2.7	4.1	7.0	11.3	16.8	26.3	40.9	70.6
1980	4.6	1.7	2.5	4.2	6.6	10.8	15.3	25.2	36.1	71.8
1979	4.3	1.7	2.2	4.2	6.8	9.9	14.2	21.9	34.9	62.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
All other, both sexes										
1998	4.7	3.4	5.1	8.8	13.5	19.3	27.9	39.1	52.9	83.9
1997	4.6	4.1	5.1	8.3	12.2	19.2	27.3	34.2	53.1	78.9
1996	4.6	4.2	5.4	8.0	13.2	17.4	27.4	37.4	54.4	77.2
1995	4.6	3.4	6.8	9.8	12.7	19.1	23.1	36.4	50.2	71.6
1994	4.8	4.3	5.7	8.9	12.4	18.9	30.7	36.6	51.7	78.5
1993	4.9	4.7	6.0	9.8	14.1	17.2	27.3	39.9	48.9	72.9
1992	5.0	4.7	5.5	9.6	13.5	21.1	27.6	34.0	56.1	76.3
1991	5.2	6.5	5.7	9.1	13.4	20.4	29.1	33.1	56.4	82.9
1990	5.5	4.5	6.2	9.9	16.1	21.0	29.2	39.2	53.4	90.2
1989	5.8	5.6	7.4	11.8	16.5	21.7	36.1	39.0	56.6	85.2
1988	5.9	5.0	8.3	10.4	16.3	23.8	30.4	45.8	56.3	93.1
1987	5.7	5.3	7.7	10.8	16.8	21.6	30.2	37.9	56.5	83.3
1986	5.8	5.7	7.3	12.0	15.0	21.9	30.9	43.7	49.8	84.4
1985	6.1	6.0	8.5	12.8	17.9	24.0	32.3	37.5	55.3	83.9
1984	5.5	6.6	7.3	11.0	15.3	18.3	30.9	37.9	50.2	77.0
1983	5.5	5.7	6.9	10.6	18.9	18.8	27.3	37.3	51.9	82.2
1982	5.5	4.7	8.4	13.2	16.6	21.5	27.7	36.1	52.8	62.5
1981	5.7	6.6	8.4	12.9	15.9	19.3	24.1	34.1	53.5	74.2
1980	5.8	7.3	10.5	13.0	16.6	20.4	25.0	38.0	52.4	65.2
1979	5.5	6.5	9.9	12.8	15.8	16.8	24.1	35.5	41.5	60.9
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
All other, male										
1998	4.9	4.1	5.6	11.6	16.9	22.1	33.8	51.4	67.1	107.6
1997	4.8	5.1	4.7	9.5	13.2	24.7	34.8	47.0	70.4	106.2
1996	4.9	4.6	5.8	9.7	17.5	20.7	35.6	47.1	79.1	102.8
1995	4.8	4.2	7.6	10.2	14.6	24.6	29.8	53.6	66.6	97.3
1994	5.2	4.3	6.7	10.9	14.8	23.9	43.4	52.4	67.2	118.3
1993	5.2	4.3	5.9	11.2	17.2	22.3	35.2	53.9	69.7	106.1
1992	5.5	5.0	7.7	10.2	16.1	28.6	36.2	43.6	83.1	111.3
1991	5.7	8.6	5.3	11.3	16.0	26.9	38.8	48.4	82.8	103.3
1990	5.9	6.6	7.5	14.6	21.9	27.2	38.8	45.6	72.0	106.9
1989	6.7	6.8	8.5	16.0	22.0	31.8	48.7	53.6	73.6	128.4
1988	6.7	5.8	11.2	11.6	21.2	32.1	40.2	63.0	80.3	126.6
1987	6.7	6.4	9.7	13.8	20.6	30.9	44.3	62.3	80.4	103.9
1986	7.0	7.9	10.7	15.3	19.2	31.7	46.4	66.7	70.4	110.7
1985	7.1	7.8	11.0	16.2	23.6	31.1	46.7	52.4	78.8	120.5
1984	6.4	7.1	8.3	15.3	20.2	26.2	41.9	55.9	67.3	105.6
1983	6.6	7.5	8.5	15.3	24.4	27.8	37.9	57.9	77.3	118.8
1982	6.8	6.1	9.9	19.4	22.5	29.9	39.4	58.6	83.0	85.1
1981	6.9	8.1	12.3	17.4	20.7	26.1	32.5	45.2	79.1	117.2
1980	7.4	9.0	15.9	17.9	25.2	31.9	36.3	56.4	73.4	100.4
1979	7.1	8.9	14.1	18.7	22.4	26.6	33.7	54.3	65.1	86.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
All other, female										
1998	4.5	2.7	4.6	6.5	10.8	17.2	23.9	31.3	45.4	73.9
1997	4.4	3.2	5.4	7.3	11.4	15.1	22.2	26.0	44.0	67.4
1996	4.4	3.9	5.1	6.6	9.7	15.0	21.8	31.3	41.3	66.3
1995	4.3	2.8	6.1	9.4	11.2	15.1	18.6	25.7	41.5	60.7
1994	4.4	4.3	4.9	7.2	10.5	15.1	22.1	26.8	43.4	61.5
1993	4.6	4.9	6.1	8.6	11.7	13.5	21.8	31.2	37.6	58.5
1992	4.5	4.5	3.7	9.1	11.5	15.5	21.7	28.1	41.2	61.0
1991	4.6	4.6	6.0	7.3	11.4	15.5	22.5	23.7	41.9	73.8
1990	5.0	2.6	5.1	6.1	11.7	16.4	22.6	35.2	42.9	82.7
1989	5.0	4.5	6.4	8.5	12.3	14.1	27.5	29.9	47.2	64.8
1988	5.1	4.3	5.8	9.4	12.5	17.5	23.7	34.9	42.2	77.5
1987	4.8	4.4	6.0	8.4	13.9	14.7	20.5	22.3	42.9	73.6
1986	4.7	3.8	4.5	9.4	11.7	14.6	20.3	29.0	38.1	71.8
1985	5.1	4.5	6.5	10.0	13.4	18.6	22.3	27.7	41.7	66.0
1984	4.6	6.2	6.6	7.4	11.4	12.3	23.2	26.0	40.1	62.8
1983	4.4	4.1	5.7	6.8	14.4	12.1	19.8	23.5	37.0	64.0
1982	4.4	3.5	7.1	8.0	11.9	15.2	19.2	21.1	35.0	51.1
1981	4.6	5.3	5.3	9.2	11.9	14.1	17.8	26.5	38.0	52.0
1980	4.4	5.9	6.2	9.0	9.7	11.5	16.5	25.5	39.4	47.2
1979	4.1	4.5	6.5	7.9	10.6	9.2	16.7	21.7	26.8	48.2
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
Black, both sexes										
1998	5.3	4.0	6.4	10.6	15.5	21.2	31.6	40.6	50.8	79.6
1997	5.2	5.3	6.5	10.2	14.0	21.3	28.0	33.0	52.9	78.0
1996	5.3	5.3	6.9	9.6	15.6	19.1	29.6	37.6	51.2	77.5
1995	5.1	4.4	8.0	11.7	13.8	21.1	25.9	35.6	44.9	67.1
1994	5.4	5.6	6.9	10.3	14.0	19.9	32.8	35.5	51.1	74.0
1993	5.5	5.8	7.1	11.0	15.3	18.1	26.9	40.4	45.5	70.3
1992	5.6	6.2	6.7	10.1	15.0	23.0	30.6	33.2	51.2	71.2
1991	5.9	8.2	6.5	10.7	15.0	22.1	31.7	33.9	56.7	76.4
1990	6.2	5.6	7.5	11.0	17.9	22.6	30.2	38.9	55.8	85.8
1989	6.7	7.2	8.7	13.9	18.0	23.6	38.3	42.0	53.5	80.5
1988	6.7	6.0	9.6	12.4	18.2	24.9	32.8	46.5	56.3	93.9
1987	6.4	6.7	8.7	12.2	19.0	23.1	30.8	37.9	54.8	76.0
1986	6.6	7.3	8.5	14.3	16.8	22.3	32.9	46.8	47.5	76.6
1985	6.8	7.3	10.3	14.1	20.4	25.1	34.0	37.5	51.4	81.5
1984	6.1	8.3	8.1	12.8	17.2	19.8	32.5	38.8	47.5	70.5
1983	6.1	6.8	8.0	12.1	21.4	19.7	28.4	36.4	49.3	78.3
1982	6.2	5.7	9.7	14.4	18.0	23.5	29.0	35.4	53.2	60.8
1981	6.2	7.3	9.8	14.1	17.4	20.4	24.4	32.6	52.2	75.6
1980	6.2	8.3	11.6	14.5	17.5	20.5	25.7	37.1	50.5	58.5
1979	5.9	7.5	11.0	14.2	16.9	16.8	24.1	34.8	39.8	56.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
Black, male										
1998	5.6	4.9	6.9	14.2	19.9	23.2	39.6	53.5	64.0	96.9
1997	5.5	6.9	6.8	11.5	15.0	27.6	37.5	48.5	74.7	104.6
1996	5.6	5.9	7.4	12.0	21.0	22.4	37.4	49.9	75.0	106.7
1995	5.3	5.6	9.0	12.5	15.9	27.8	34.5	53.7	59.7	89.9
1994	5.7	5.8	8.2	13.3	15.8	24.0	47.4	52.3	62.8	106.4
1993	5.8	5.5	7.4	12.6	18.6	23.4	33.5	55.1	65.8	103.5
1992	6.2	6.9	9.4	10.6	18.0	30.8	40.9	45.8	78.5	105.1
1991	6.6	11.0	5.8	14.0	17.4	29.1	43.4	49.0	83.7	98.6
1990	6.8	8.4	9.8	16.1	24.2	28.3	40.7	49.2	72.2	96.6
1989	7.7	9.0	10.3	18.8	23.6	34.5	51.6	59.6	69.1	131.8
1988	7.8	7.0	12.8	13.7	23.7	34.1	46.4	67.8	84.0	136.9
1987	7.5	8.2	10.7	15.5	23.0	34.6	44.6	61.7	82.6	92.2
1986	8.0	10.3	12.9	17.8	22.2	32.1	49.2	76.7	71.1	100.0
1985	8.0	9.5	13.2	18.3	27.1	33.3	51.2	52.4	74.7	119.4
1984	7.2	9.2	9.3	18.1	22.8	28.2	45.3	55.7	64.3	95.1
1983	7.3	9.1	9.9	17.2	28.3	28.4	39.3	55.8	72.0	118.3
1982	7.5	7.6	11.7	21.7	24.9	32.9	42.1	57.1	81.3	84.5
1981	7.6	9.0	14.2	18.6	23.5	27.9	35.1	44.3	77.9	119.6
1980	7.9	10.2	17.8	20.3	26.2	32.5	39.6	56.2	69.3	90.5
1979	7.6	10.5	15.6	20.5	24.7	27.5	34.5	54.7	58.4	76.9
Other diseases of respiratory system (034.0,460-465,470-478,495,508-519)										
Black, female										
1998	5.1	3.2	5.9	7.7	12.0	19.7	26.3	32.7	44.3	73.1
1997	4.9	3.9	6.3	9.2	13.1	16.6	21.7	23.6	42.3	67.9
1996	5.0	4.8	6.6	7.7	11.5	16.7	24.5	30.2	39.6	66.3
1995	4.9	3.4	7.1	11.0	12.1	16.2	20.2	24.9	37.7	58.3
1994	5.1	5.5	5.9	7.9	12.6	17.0	23.2	25.7	45.3	61.4
1993	5.2	6.1	6.9	9.8	12.7	14.2	22.5	32.0	35.3	57.2
1992	5.1	5.6	4.5	9.6	12.7	17.3	23.8	25.8	37.3	57.6
1991	5.3	5.9	7.0	8.0	13.1	17.0	23.9	25.0	43.0	67.3
1990	5.8	3.3	5.6	6.9	13.2	18.4	23.4	32.8	47.4	81.2
1989	5.8	5.7	7.4	10.0	13.8	15.8	29.6	31.6	45.4	58.8
1988	5.8	5.1	7.0	11.3	14.0	18.1	23.7	33.8	41.6	75.2
1987	5.4	5.6	7.0	9.6	15.9	14.7	21.7	23.5	39.8	68.8
1986	5.3	4.7	4.9	11.6	12.8	15.2	22.1	28.5	34.5	65.9
1985	5.7	5.4	8.0	10.8	15.1	19.0	22.6	28.2	38.6	63.9
1984	5.2	7.5	7.2	8.5	12.9	13.6	24.0	28.2	38.2	58.9
1983	5.0	4.9	6.5	7.9	16.1	13.4	21.1	23.9	36.6	58.9
1982	4.9	4.2	8.2	8.4	12.6	16.6	19.9	21.5	37.0	49.2
1981	5.0	6.0	6.2	10.3	12.7	14.9	17.0	25.0	37.1	53.1
1980	4.7	6.7	6.7	9.8	10.7	11.7	15.8	24.7	39.2	42.4
1979	4.4	5.0	7.3	9.0	10.7	8.8	16.6	21.2	28.2	46.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Peptic ulcer (531-534)										
All races, both sexes										
1998	1.7	0.7	0.8	1.5	2.3	3.6	5.6	9.7	16.9	38.2
1997	1.9	0.7	1.0	1.5	2.5	3.6	6.7	10.8	18.5	42.9
1996	1.9	0.7	1.0	1.3	2.6	4.0	6.6	11.2	20.2	42.0
1995	2.1	0.8	1.0	1.8	2.8	4.5	6.9	12.5	22.4	45.1
1994	2.3	0.8	1.2	1.8	3.2	5.0	8.4	13.9	24.1	52.6
1993	2.3	0.8	1.4	2.0	2.9	5.2	7.8	13.4	26.0	51.5
1992	2.4	0.9	1.0	2.0	3.0	5.1	8.6	15.5	26.9	55.1
1991	2.4	0.9	1.2	2.0	3.6	5.0	8.9	15.6	27.2	55.7
1990	2.5	0.8	1.3	2.0	3.5	5.6	10.2	16.0	27.3	59.0
1989	2.6	0.8	1.5	2.4	3.4	5.8	10.5	16.9	30.7	61.4
1988	2.7	0.7	1.5	2.5	3.7	6.5	10.2	17.7	30.2	60.7
1987	2.7	0.9	1.5	2.4	3.7	6.3	10.6	19.1	28.7	60.7
1986	2.7	0.8	1.4	2.6	4.2	6.5	10.8	18.4	31.9	62.7
1985	2.8	1.0	1.6	2.5	4.7	7.2	11.3	19.6	33.5	64.0
1984	2.8	0.9	1.6	2.9	4.7	7.5	11.4	19.4	32.9	63.8
1983	2.8	1.1	1.7	2.8	4.3	7.3	12.1	19.4	33.0	61.0
1982	2.9	1.1	1.8	3.1	4.8	7.9	12.7	20.9	35.5	65.7
1981	2.9	1.3	1.8	3.5	4.9	7.8	13.1	20.9	32.6	61.3
1980	2.7	1.0	2.2	3.2	5.1	7.7	13.0	18.8	32.9	55.8
1979	2.7	1.3	2.3	3.2	4.9	7.6	11.9	19.6	30.7	54.3
Peptic ulcer (531-534)										
All races, male										
1998	1.7	0.9	1.0	2.0	3.0	4.9	7.0	12.0	20.1	46.6
1997	1.8	1.1	1.4	2.0	3.3	4.7	8.4	13.6	21.6	46.5
1996	1.8	1.0	1.3	1.8	3.3	5.0	8.3	14.1	25.0	46.2
1995	2.0	1.2	1.4	2.3	3.6	6.0	8.5	16.6	28.0	51.2
1994	2.3	1.1	1.8	2.4	4.4	7.0	10.4	17.6	29.8	62.4
1993	2.2	1.2	1.8	2.7	4.1	6.5	10.2	16.8	33.1	59.4
1992	2.4	1.3	1.4	2.6	4.1	6.9	11.3	18.7	33.3	65.5
1991	2.4	1.2	1.7	2.9	4.6	6.5	11.7	20.6	34.4	64.0
1990	2.5	1.0	1.7	3.0	4.5	7.6	14.0	20.1	33.6	67.5
1989	2.6	1.1	1.8	3.2	4.4	8.0	14.1	22.0	41.0	71.4
1988	2.7	1.0	2.0	3.4	5.0	8.7	14.3	22.8	37.9	74.0
1987	2.7	1.2	2.1	3.4	5.1	8.4	14.9	25.8	37.8	70.9
1986	2.7	1.2	1.9	3.7	5.5	8.1	14.8	23.2	37.5	73.0
1985	2.9	1.4	2.4	3.2	6.4	10.2	14.8	26.7	42.6	77.0
1984	2.8	0.9	2.3	4.1	6.5	10.1	14.2	25.3	41.4	74.2
1983	2.9	1.3	2.3	3.7	5.7	10.6	17.0	26.7	42.0	73.1
1982	3.1	1.4	2.5	4.2	6.6	10.7	17.4	28.0	44.9	79.2
1981	3.1	1.9	2.4	4.5	6.6	10.9	18.2	30.1	42.4	75.0
1980	3.1	1.5	3.1	4.6	7.4	11.3	18.9	27.1	45.0	71.3
1979	3.0	1.9	3.3	4.3	6.9	11.1	16.3	28.2	43.0	69.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Peptic ulcer (531-534)										
All races, female										
1998	1.8	0.5	0.7	1.0	1.6	2.5	4.6	8.1	15.1	34.8
1997	2.0	0.4	0.7	1.1	1.8	2.7	5.4	8.9	16.7	41.5
1996	2.0	0.4	0.6	0.8	1.9	3.1	5.3	9.2	17.5	40.3
1995	2.1	0.3	0.6	1.3	2.1	3.2	5.7	9.6	19.2	42.7
1994	2.4	0.6	0.7	1.3	2.2	3.4	6.9	11.4	21.0	48.9
1993	2.4	0.4	1.0	1.4	1.9	4.2	5.9	11.2	22.2	48.6
1992	2.5	0.5	0.7	1.5	2.1	3.6	6.6	13.4	23.5	51.1
1991	2.5	0.6	0.7	1.2	2.7	3.8	6.8	12.3	23.4	52.5
1990	2.5	0.6	0.8	1.2	2.6	4.0	7.3	13.4	24.0	55.7
1989	2.6	0.5	1.2	1.7	2.5	4.1	7.8	13.7	25.2	57.5
1988	2.6	0.5	1.0	1.7	2.5	4.7	7.2	14.4	26.1	55.6
1987	2.6	0.6	0.9	1.4	2.5	4.5	7.5	14.8	24.0	56.7
1986	2.8	0.5	1.0	1.6	3.1	5.2	7.9	15.4	28.9	58.6
1985	2.7	0.6	1.0	1.9	3.2	4.7	8.7	15.1	28.7	58.9
1984	2.8	0.8	1.0	1.9	3.0	5.4	9.3	15.7	28.5	59.6
1983	2.6	0.8	1.1	1.9	3.2	4.7	8.6	14.9	28.3	56.0
1982	2.8	0.9	1.1	2.1	3.3	5.7	9.3	16.4	30.6	60.0
1981	2.6	0.8	1.3	2.5	3.4	5.3	9.4	15.0	27.5	55.4
1980	2.4	0.5	1.3	2.0	3.1	4.8	8.7	13.5	26.4	49.1
1979	2.3	0.9	1.3	2.2	3.2	4.9	8.7	14.2	24.1	47.7
Peptic ulcer (531-534)										
White, both sexes										
1998	1.9	0.6	0.8	1.5	2.2	3.5	5.4	9.7	16.8	39.2
1997	2.0	0.6	0.9	1.4	2.3	3.5	6.6	10.8	18.6	44.2
1996	2.0	0.6	0.9	1.2	2.3	3.7	6.2	11.2	20.4	43.5
1995	2.2	0.7	0.9	1.6	2.9	4.3	6.7	12.3	22.6	46.6
1994	2.5	0.8	1.1	1.7	2.9	5.0	8.1	13.9	24.0	53.7
1993	2.5	0.7	1.2	2.0	2.8	5.1	7.5	13.1	26.5	53.1
1992	2.6	0.7	0.9	1.8	2.9	4.8	8.6	15.6	27.6	56.4
1991	2.6	0.8	1.0	1.9	3.3	4.9	8.8	15.4	28.0	57.4
1990	2.7	0.7	1.1	1.9	3.3	5.4	9.9	16.3	28.0	61.0
1989	2.8	0.6	1.4	2.1	3.2	5.5	10.1	16.5	31.0	62.6
1988	2.8	0.7	1.4	2.4	3.3	6.3	10.2	17.9	31.3	62.9
1987	2.8	0.8	1.5	2.3	3.4	6.3	10.3	19.7	29.6	62.9
1986	2.9	0.7	1.3	2.4	4.0	6.2	10.8	18.4	32.1	64.8
1985	3.0	1.0	1.7	2.3	4.4	7.2	11.2	19.7	33.7	65.8
1984	3.0	0.7	1.4	2.8	4.6	7.4	11.6	19.7	33.2	66.1
1983	2.9	0.9	1.7	2.5	4.1	7.2	11.9	19.9	33.8	63.2
1982	3.1	1.0	1.5	2.9	4.6	7.7	12.8	21.3	35.6	68.3
1981	3.0	1.2	1.7	3.3	4.6	7.8	13.0	21.5	32.9	63.5
1980	2.9	0.8	2.1	3.2	5.2	7.8	13.0	19.1	33.3	58.0
1979	2.8	1.2	1.9	3.0	4.9	7.6	11.9	20.1	31.6	56.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Peptic ulcer (531-534)										
White, male										
1998	1.8	0.7	0.9	1.9	2.8	4.7	6.7	11.8	20.3	48.3
1997	1.9	0.9	1.1	1.7	2.9	4.3	8.1	13.3	21.7	47.8
1996	1.9	0.9	1.2	1.7	2.8	4.7	7.6	14.2	24.9	48.0
1995	2.1	1.2	1.2	2.0	3.5	5.7	8.4	16.2	28.0	52.6
1994	2.4	1.0	1.5	2.2	4.0	7.0	10.1	17.8	29.5	62.4
1993	2.3	1.0	1.5	2.6	3.8	6.0	9.7	16.4	33.1	61.1
1992	2.4	1.1	1.2	2.3	3.8	6.6	11.2	18.8	33.4	67.1
1991	2.5	1.1	1.4	2.8	4.2	6.3	11.5	20.3	34.8	66.1
1990	2.6	1.0	1.4	2.7	4.0	7.2	13.8	20.7	33.8	70.5
1989	2.7	0.8	1.6	2.8	4.2	7.4	13.5	21.7	41.3	72.8
1988	2.8	0.8	1.9	3.2	4.6	8.3	14.3	23.0	39.2	77.3
1987	2.9	1.0	2.1	3.3	4.7	8.4	14.4	26.4	39.1	74.3
1986	2.8	1.0	1.8	3.4	5.3	7.6	14.7	22.9	37.2	76.3
1985	3.0	1.3	2.3	2.9	5.9	10.3	14.6	26.7	43.1	79.4
1984	3.0	0.8	1.9	3.9	6.3	10.2	14.2	25.9	42.2	77.0
1983	3.0	1.0	2.3	3.6	5.3	10.5	16.3	27.1	42.7	75.0
1982	3.2	1.1	2.2	4.0	6.1	10.6	17.5	28.7	44.5	82.8
1981	3.2	1.6	2.2	4.3	6.2	10.8	18.0	31.0	42.7	78.0
1980	3.2	1.1	2.8	4.4	7.4	11.3	19.2	27.6	45.6	74.4
1979	3.1	1.6	2.7	4.1	6.8	11.0	16.4	28.9	44.6	71.8
Peptic ulcer (531-534)										
White, female										
1998	1.9	0.4	0.7	1.1	1.6	2.5	4.4	8.2	14.8	35.6
1997	2.2	0.3	0.6	1.1	1.7	2.7	5.4	9.0	16.9	42.7
1996	2.2	0.4	0.6	0.7	1.9	2.8	5.0	9.1	17.8	41.8
1995	2.3	*	0.5	1.1	2.3	3.1	5.5	9.7	19.6	44.4
1994	2.6	0.5	0.7	1.2	2.0	3.2	6.6	11.3	21.1	50.3
1993	2.6	0.3	0.9	1.4	1.9	4.3	5.8	11.0	22.9	50.1
1992	2.7	0.4	0.6	1.3	2.0	3.3	6.6	13.6	24.5	52.3
1991	2.7	0.5	0.6	1.1	2.5	3.8	6.7	12.2	24.3	54.1
1990	2.8	0.5	0.8	1.1	2.6	3.9	7.1	13.4	24.8	57.4
1989	2.8	0.5	1.1	1.6	2.3	3.9	7.5	13.2	25.6	58.8
1988	2.9	0.5	0.9	1.7	2.2	4.7	7.3	14.6	27.2	57.3
1987	2.8	0.5	0.9	1.3	2.4	4.7	7.3	15.4	24.7	58.4
1986	3.0	0.5	0.9	1.5	2.8	5.1	7.9	15.5	29.5	60.3
1985	3.0	0.6	1.0	1.8	3.1	4.7	8.8	15.3	28.9	60.5
1984	3.0	0.7	0.9	1.9	3.0	5.2	9.7	15.9	28.5	61.8
1983	2.8	0.8	1.1	1.6	3.1	4.5	8.8	15.4	29.1	58.4
1982	3.0	0.8	0.9	2.0	3.2	5.4	9.5	16.7	30.9	62.3
1981	2.8	0.7	1.2	2.4	3.2	5.4	9.4	15.5	27.7	57.5
1980	2.5	0.4	1.3	2.0	3.2	4.9	8.6	13.8	26.8	50.9
1979	2.5	0.9	1.2	2.1	3.2	4.8	8.7	14.7	24.7	49.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Peptic ulcer (531-534)										
All other, both sexes										
1998	1.1	1.1	0.9	1.6	3.0	4.2	6.9	9.7	17.9	28.0
1997	1.3	1.4	2.0	2.1	3.9	4.7	8.1	11.5	17.1	30.9
1996	1.4	1.2	1.6	2.1	4.3	5.9	10.4	11.7	18.3	26.8
1995	1.4	1.2	1.7	3.0	2.5	5.9	8.5	13.8	20.2	29.4
1994	1.6	1.2	1.7	2.8	5.0	5.5	10.8	13.8	24.7	42.1
1993	1.6	1.6	2.4	2.5	3.8	6.7	10.2	15.8	21.5	35.3
1992	1.6	1.5	1.7	3.3	4.1	7.4	9.0	14.3	19.7	41.4
1991	1.6	1.7	2.4	2.5	5.7	5.7	10.0	17.1	19.7	38.2
1990	1.7	1.2	2.2	3.2	5.2	7.6	12.3	13.5	21.0	38.0
1989	2.0	1.7	2.2	4.2	5.0	8.6	14.0	20.6	26.6	48.0
1988	1.7	1.2	2.2	3.2	6.4	7.7	9.5	15.8	18.4	37.9
1987	1.7	1.6	1.7	3.0	5.4	5.9	13.6	13.6	19.5	37.5
1986	1.9	1.6	1.9	3.9	6.2	8.7	11.2	18.7	29.0	40.3
1985	1.9	*	1.6	3.7	7.1	6.7	11.9	18.5	31.3	44.4
1984	1.8	1.9	3.2	3.7	5.6	7.7	9.6	16.0	29.3	37.8
1983	1.8	2.1	2.0	4.4	6.2	8.6	13.6	15.3	24.4	36.5
1982	2.0	2.1	3.6	4.3	7.0	9.5	11.9	16.6	34.5	36.5
1981	2.0	2.4	2.9	5.0	7.2	8.0	14.3	14.8	29.9	35.3
1980	1.8	2.2	3.3	3.9	4.5	6.9	12.4	15.8	27.9	31.2
1979	1.9	2.1	4.8	4.3	5.2	8.1	11.6	14.5	20.1	31.0
Peptic ulcer (531-534)										
All other, male										
1998	1.2	1.6	*	2.6	4.3	6.4	8.8	14.1	18.6	29.8
1997	1.6	2.1	2.9	3.5	5.6	7.1	11.4	16.9	21.0	34.8
1996	1.6	1.8	2.3	3.0	7.0	7.4	14.2	13.8	25.7	30.1
1995	1.7	*	2.5	3.9	3.7	8.9	9.9	21.2	28.3	38.1
1994	1.9	1.8	3.1	3.8	7.1	7.0	13.4	16.2	33.2	61.8
1993	1.9	2.3	3.4	3.6	6.5	10.7	14.7	20.5	32.6	43.3
1992	1.9	2.2	2.8	4.7	5.9	9.9	12.4	17.7	32.3	50.6
1991	1.9	2.3	3.6	3.6	7.4	8.1	13.1	23.8	30.8	44.6
1990	2.0	*	3.8	5.1	8.9	11.1	16.3	14.3	31.5	39.3
1989	2.4	2.9	3.0	6.7	6.0	13.0	19.9	24.8	37.2	58.0
1988	2.1	*	2.9	5.2	8.1	11.8	14.1	21.0	25.6	43.0
1987	2.1	2.6	*	4.4	8.4	8.8	19.9	20.0	24.1	39.0
1986	2.2	2.9	*	5.9	7.8	12.4	16.1	25.2	39.8	42.7
1985	2.3	*	*	5.5	10.8	9.5	16.7	26.7	38.5	54.8
1984	2.2	*	5.6	5.9	8.8	9.4	14.2	19.8	32.7	47.2
1983	2.3	3.5	*	5.2	9.0	11.3	23.2	22.8	35.1	55.1
1982	2.5	3.1	5.7	5.8	10.5	11.7	17.3	21.5	48.9	44.8
1981	2.6	3.8	4.1	6.9	9.9	11.8	20.8	22.0	38.5	45.3
1980	2.5	4.0	5.8	6.5	7.8	11.2	16.0	22.3	39.0	39.5
1979	2.5	3.8	8.2	6.0	7.7	11.1	15.2	22.3	26.7	44.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Peptic ulcer (531-534)										
All other, female										
1998	1.0	*	*	*	*	*	5.7	7.0	17.6	27.3
1997	1.1	*	*	*	*	2.9	5.8	8.1	15.0	29.3
1996	1.2	*	*	*	*	4.9	7.7	10.3	14.4	25.4
1995	1.1	*	*	*	*	3.7	7.5	9.2	15.8	25.6
1994	1.4	*	*	*	3.4	4.3	9.0	12.3	20.2	33.7
1993	1.3	*	*	*	*	3.7	7.1	12.9	15.4	31.8
1992	1.3	*	*	*	2.7	5.6	6.7	12.2	12.7	37.4
1991	1.4	*	*	*	4.3	4.0	7.8	13.0	13.5	35.4
1990	1.4	*	*	*	*	5.0	9.6	13.0	15.1	37.4
1989	1.7	*	*	*	4.1	5.2	10.0	18.0	20.8	43.2
1988	1.4	*	*	*	5.1	4.7	6.4	12.4	14.2	35.5
1987	1.3	*	*	*	3.1	3.6	9.4	9.5	16.8	36.8
1986	1.6	*	*	*	5.0	5.9	7.9	14.5	22.8	39.1
1985	1.5	*	*	*	4.2	4.6	8.5	13.1	27.2	39.3
1984	1.5	*	*	*	3.2	6.5	6.3	13.5	27.3	33.1
1983	1.4	*	*	3.8	3.9	6.6	6.8	10.2	18.2	27.3
1982	1.6	*	*	3.0	4.2	7.8	8.0	13.3	26.1	32.3
1981	1.5	*	*	3.4	5.0	5.2	9.6	9.8	24.7	29.9
1980	1.2	*	*	*	*	*	9.8	11.4	21.1	27.0
1979	1.3	*	*	*	*	5.8	8.9	8.9	15.9	24.6
Peptic ulcer (531-534)										
Black, both sexes										
1998	1.2	1.3	*	1.8	3.6	3.6	7.5	9.4	16.2	25.2
1997	1.4	1.7	2.3	2.6	4.3	4.6	8.2	11.2	15.1	28.2
1996	1.5	1.5	1.9	2.4	4.5	6.7	11.1	11.9	17.3	23.6
1995	1.5	1.4	2.1	3.6	3.0	6.5	9.3	14.4	18.9	25.5
1994	1.8	1.7	1.8	3.4	5.5	5.6	10.3	12.6	23.5	38.5
1993	1.7	2.1	3.0	2.8	3.9	7.7	10.5	15.2	20.0	31.3
1992	1.8	1.9	2.1	3.9	4.6	7.7	8.7	14.4	20.8	39.0
1991	1.8	2.1	2.8	2.8	6.6	5.8	9.8	16.8	17.5	36.3
1990	1.9	1.6	2.5	3.9	6.2	8.8	13.6	13.0	21.5	33.7
1989	2.2	2.2	2.8	4.5	5.0	8.7	15.0	22.5	24.8	41.4
1988	1.9	*	2.5	3.6	7.3	8.2	9.7	15.6	18.0	35.0
1987	1.9	2.0	2.1	3.4	5.4	6.4	14.4	14.0	20.2	34.1
1986	2.1	2.0	1.8	4.5	6.9	9.9	12.0	18.1	28.6	37.8
1985	2.0	*	2.0	4.0	8.1	7.1	11.7	19.0	30.2	41.0
1984	2.0	2.5	3.6	4.1	5.9	8.3	9.2	16.2	30.5	35.8
1983	2.0	2.4	2.1	4.9	6.9	8.4	13.7	15.6	25.1	35.3
1982	2.2	2.3	4.2	4.9	7.2	10.0	12.5	16.0	31.7	33.0
1981	2.2	2.8	3.0	5.3	8.0	8.0	14.8	14.9	30.6	35.1
1980	1.9	2.5	3.6	4.2	4.9	7.3	12.9	14.2	25.5	29.5
1979	1.9	2.4	4.8	4.6	5.4	8.1	12.4	13.9	19.4	26.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Peptic ulcer (531-534)										
Black, male										
1998	1.2	2.1	*	*	5.5	5.2	9.0	13.8	*	*
1997	1.7	2.7	3.5	4.4	5.6	7.5	11.7	15.7	21.0	30.8
1996	1.7	2.5	*	*	8.0	8.0	15.5	13.1	24.1	*
1995	1.8	*	3.1	4.7	4.8	9.9	10.9	20.9	28.9	25.7
1994	2.0	2.5	3.4	4.6	7.9	6.6	13.5	12.9	31.0	55.9
1993	2.1	3.1	4.2	4.6	6.5	12.3	15.3	17.6	29.6	38.1
1992	2.1	2.8	3.5	5.3	6.8	10.6	11.9	19.3	36.3	40.6
1991	2.1	3.2	4.2	*	8.7	8.0	14.1	23.4	25.9	39.1
1990	2.3	*	4.5	6.3	10.3	13.0	18.6	14.0	30.5	36.2
1989	2.6	3.9	3.8	7.4	6.7	12.3	19.8	27.0	33.0	45.5
1988	2.3	*	*	5.8	9.3	13.4	15.6	20.3	23.4	36.9
1987	2.3	3.3	*	4.9	7.7	9.8	21.3	22.3	23.9	*
1986	2.5	3.8	*	6.8	8.4	14.3	16.9	23.8	38.9	41.3
1985	2.5	*	*	6.1	12.3	10.0	15.9	27.1	33.3	51.6
1984	2.4	*	6.2	6.3	8.8	10.1	13.9	18.0	35.7	45.9
1983	2.5	4.1	*	5.7	9.9	10.7	23.4	22.4	35.4	53.3
1982	2.6	*	6.7	6.9	11.6	12.0	18.6	19.9	41.3	36.2
1981	2.8	4.6	4.3	7.6	11.0	11.4	21.8	21.5	36.4	50.0
1980	2.7	4.6	6.7	7.5	8.5	12.3	17.0	19.6	34.7	*
1979	2.6	4.4	8.4	6.6	8.1	10.9	16.4	20.5	26.0	*
Peptic ulcer (531-534)										
Black, female										
1998	1.1	*	*	*	*	*	6.4	6.7	15.8	26.2
1997	1.2	*	*	*	*	*	5.8	8.6	12.3	27.2
1996	1.3	*	*	*	*	5.7	8.2	11.2	14.0	24.0
1995	1.3	*	*	*	*	4.1	8.3	10.6	14.1	25.4
1994	1.5	*	*	*	3.6	4.9	8.1	12.4	19.9	31.7
1993	1.4	*	*	*	*	4.3	7.2	13.7	15.3	28.6
1992	1.5	*	*	*	*	5.6	6.6	11.5	12.9	38.4
1991	1.5	*	*	*	5.0	4.2	7.0	13.0	13.2	35.1
1990	1.6	*	*	*	*	5.8	10.4	12.5	16.8	32.6
1989	1.9	*	*	*	3.8	6.1	11.8	19.9	20.5	39.9
1988	1.5	*	*	*	5.8	4.5	5.8	12.8	15.2	34.2
1987	1.5	*	*	*	3.7	*	9.8	9.0	18.1	36.1
1986	1.8	*	*	*	5.7	6.6	8.8	14.6	23.0	36.2
1985	1.6	*	*	*	4.9	5.0	8.9	13.9	28.5	36.1
1984	1.7	*	*	*	*	7.0	6.0	15.0	27.6	31.0
1983	1.5	*	*	4.3	4.6	6.6	7.2	11.2	19.3	26.6
1982	1.8	*	*	*	*	8.6	8.2	13.5	26.1	31.4
1981	1.7	*	*	3.4	5.6	5.5	9.9	10.7	27.3	27.4
1980	1.3	*	*	*	*	*	10.0	10.6	20.0	27.3
1979	1.4	*	*	*	*	6.0	9.6	9.3	*	23.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of appendix (540-543)										
All races, both sexes										
1998	0.2	*	*	0.2	0.3	0.4	0.5	0.9	1.2	2.0
1997	0.1	*	*	*	0.3	0.4	0.5	0.6	1.0	1.8
1996	0.2	*	*	*	0.3	0.4	0.5	0.9	1.0	1.7
1995	0.1	*	*	0.2	0.4	0.4	0.4	0.6	1.1	2.0
1994	0.1	0.1	*	*	*	0.3	0.6	0.7	1.1	1.8
1993	0.1	*	*	*	0.3	0.4	0.5	0.6	0.9	1.5
1992	0.2	*	*	0.2	0.2	0.5	0.6	0.8	1.2	2.2
1991	0.2	*	*	0.2	0.3	0.4	0.6	0.6	1.4	1.9
1990	0.2	*	*	*	0.3	0.4	0.6	1.1	1.2	2.2
1989	0.2	*	0.2	0.3	0.2	0.5	0.8	1.0	1.3	2.5
1988	0.2	*	*	0.3	0.4	0.5	0.7	1.0	1.8	2.8
1987	0.2	*	*	0.2	0.3	0.5	0.8	1.2	1.6	3.3
1986	0.2	*	*	0.4	0.4	0.6	0.9	1.0	2.1	2.5
1985	0.2	*	*	0.2	0.4	0.6	1.0	1.3	1.5	3.5
1984	0.2	*	*	0.2	0.4	0.5	0.9	1.2	2.3	3.1
1983	0.2	*	*	0.3	0.4	0.7	0.9	1.2	2.0	3.6
1982	0.2	0.2	*	0.3	0.4	0.6	0.9	1.3	1.8	3.5
1981	0.3	*	*	0.3	0.5	0.8	1.3	1.4	2.1	3.3
1980	0.3	*	0.3	0.5	0.7	0.7	1.1	1.9	2.8	4.5
1979	0.3	0.2	0.2	0.4	0.6	0.8	1.5	1.8	2.7	4.1
Diseases of appendix (540-543)										
All races, male										
1998	0.2	*	*	0.3	*	0.5	0.8	1.0	1.7	3.1
1997	0.2	*	*	*	0.5	0.6	0.7	0.7	1.5	3.1
1996	0.2	*	*	*	0.4	0.5	0.7	1.3	*	2.5
1995	0.2	*	*	*	0.4	0.7	0.6	0.8	1.8	2.3
1994	0.2	*	*	*	*	0.5	0.8	0.8	1.5	2.9
1993	0.2	*	*	*	*	0.6	0.7	0.9	1.3	2.1
1992	0.2	*	*	*	*	0.7	0.7	1.2	1.9	4.4
1991	0.2	*	*	*	*	0.5	0.8	*	2.1	*
1990	0.2	*	*	*	0.5	0.7	0.9	1.7	1.8	3.1
1989	0.2	*	*	*	*	0.5	1.1	1.6	1.7	2.5
1988	0.2	*	*	*	0.5	0.5	0.9	1.1	2.5	3.6
1987	0.2	*	*	*	*	0.6	1.1	1.5	2.0	4.6
1986	0.2	*	*	0.4	0.6	0.8	1.2	1.2	3.3	4.4
1985	0.2	*	*	*	0.6	0.7	1.4	1.7	1.8	5.0
1984	0.2	*	*	*	0.7	0.7	1.2	1.6	3.4	4.8
1983	0.3	*	*	0.4	0.4	1.1	1.1	1.9	2.5	5.1
1982	0.3	*	*	0.5	0.6	0.7	1.3	1.9	2.9	4.7
1981	0.3	*	*	0.4	0.6	1.0	1.8	1.7	3.2	4.6
1980	0.3	*	0.4	0.6	0.9	1.0	1.8	2.7	3.3	5.7
1979	0.3	*	*	0.5	0.7	1.1	2.0	2.7	3.4	5.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of appendix (540-543)										
All races, female										
1998	0.1	*	*	*	*	*	*	0.8	0.9	1.5
1997	0.1	*	*	*	*	*	0.4	0.5	0.7	1.3
1996	0.1	*	*	*	*	*	0.4	0.6	0.9	1.4
1995	0.1	*	*	*	*	*	*	0.5	0.8	1.8
1994	0.1	*	*	*	*	*	*	0.6	0.9	1.3
1993	0.1	*	*	*	*	*	*	*	*	1.3
1992	0.1	*	*	*	*	0.4	0.5	*	0.8	1.4
1991	0.1	*	*	*	*	*	*	*	1.0	1.8
1990	0.1	*	*	*	*	*	0.5	0.7	0.9	1.9
1989	0.2	*	*	*	*	0.4	0.6	0.7	1.0	2.5
1988	0.2	*	*	*	*	0.5	0.5	0.9	1.4	2.6
1987	0.2	*	*	*	*	0.4	0.7	0.9	1.4	2.7
1986	0.2	*	*	*	*	0.5	0.6	0.8	1.5	1.8
1985	0.2	*	*	*	*	0.4	0.7	1.1	1.3	2.9
1984	0.2	*	*	*	*	0.4	0.6	0.9	1.7	2.4
1983	0.2	*	*	*	*	0.4	0.8	0.7	1.8	3.0
1982	0.2	*	*	*	*	0.4	0.6	0.9	1.3	3.0
1981	0.2	*	*	*	0.4	0.6	0.9	1.3	1.4	2.7
1980	0.3	*	*	0.4	0.5	0.4	0.6	1.4	2.5	3.9
1979	0.3	*	*	0.4	0.4	0.5	1.1	1.3	2.3	3.6
Diseases of appendix (540-543)										
White, both sexes										
1998	0.2	*	*	0.2	0.2	0.3	0.5	0.8	1.1	2.0
1997	0.1	*	*	*	0.3	0.3	0.5	0.5	0.9	1.9
1996	0.2	*	*	*	0.3	0.3	0.5	0.8	1.0	1.7
1995	0.1	*	*	*	0.3	0.4	0.4	0.6	1.1	1.9
1994	0.1	*	*	*	*	0.3	0.5	0.6	1.1	1.7
1993	0.1	*	*	*	0.2	0.4	0.4	0.6	0.8	1.5
1992	0.2	*	*	*	*	0.5	0.5	0.7	1.1	2.2
1991	0.2	*	*	*	0.3	0.4	0.5	0.5	1.3	2.0
1990	0.2	*	*	*	0.3	0.3	0.6	1.0	1.2	2.2
1989	0.2	*	*	*	*	0.4	0.7	1.1	1.2	2.3
1988	0.2	*	*	*	0.3	0.4	0.7	0.9	1.7	2.8
1987	0.2	*	*	0.2	0.2	0.4	0.7	1.0	1.5	3.1
1986	0.2	*	*	0.3	0.4	0.5	0.8	1.0	1.9	2.5
1985	0.2	*	*	*	0.4	0.5	0.8	1.2	1.5	3.4
1984	0.2	*	*	0.2	0.3	0.5	0.7	1.1	2.3	3.1
1983	0.2	*	*	0.2	0.3	0.6	0.8	1.2	1.8	3.6
1982	0.2	*	*	0.3	0.4	0.4	0.7	1.2	1.6	3.3
1981	0.2	*	*	0.2	0.4	0.7	1.2	1.3	1.8	3.0
1980	0.3	*	*	0.4	0.5	0.6	1.1	1.8	2.7	4.6
1979	0.3	*	*	0.4	0.5	0.6	1.3	1.7	2.6	4.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of appendix (540-543)										
White, male										
1998	0.2	*	*	*	*	*	0.8	0.9	1.7	3.2
1997	0.2	*	*	*	*	*	0.6	*	1.3	3.0
1996	0.2	*	*	*	*	0.5	0.6	1.1	*	2.5
1995	0.2	*	*	*	*	0.6	*	*	1.6	2.3
1994	0.2	*	*	*	*	0.5	0.6	*	*	2.9
1993	0.1	*	*	*	*	0.6	*	0.8	*	*
1992	0.2	*	*	*	*	0.7	*	1.1	1.8	4.5
1991	0.2	*	*	*	*	*	0.7	*	2.0	*
1990	0.2	*	*	*	0.5	0.5	0.8	1.6	*	3.4
1989	0.2	*	*	*	*	0.5	1.0	1.7	*	*
1988	0.2	*	*	*	*	*	0.8	1.0	2.2	3.3
1987	0.2	*	*	*	*	*	0.9	1.5	2.0	4.3
1986	0.2	*	*	*	0.6	0.7	1.0	1.2	2.8	4.4
1985	0.2	*	*	*	0.5	0.6	1.2	1.6	*	4.8
1984	0.2	*	*	*	0.5	0.6	1.1	1.6	3.6	4.7
1983	0.2	*	*	*	*	0.9	0.9	1.9	2.1	4.8
1982	0.2	*	*	0.4	0.5	0.6	1.1	1.7	2.4	4.5
1981	0.3	*	*	*	0.5	1.0	1.6	1.5	2.4	4.1
1980	0.3	*	*	0.6	0.7	0.9	1.7	2.6	3.1	5.8
1979	0.3	*	*	0.4	0.7	0.8	1.8	2.3	3.2	5.7
Diseases of appendix (540-543)										
White, female										
1998	0.1	*	*	*	*	*	*	0.8	0.8	1.5
1997	0.1	*	*	*	*	*	*	*	*	1.4
1996	0.1	*	*	*	*	*	0.4	0.6	1.0	1.3
1995	0.1	*	*	*	*	*	*	*	0.8	1.7
1994	0.1	*	*	*	*	*	*	*	0.9	1.3
1993	0.1	*	*	*	*	*	*	*	*	1.3
1992	0.1	*	*	*	*	*	0.5	*	*	1.3
1991	0.1	*	*	*	*	*	*	*	1.0	1.8
1990	0.1	*	*	*	*	*	*	0.7	1.0	1.7
1989	0.2	*	*	*	*	*	0.5	0.7	1.0	2.3
1988	0.2	*	*	*	*	*	0.5	0.8	1.4	2.6
1987	0.2	*	*	*	*	*	0.7	0.7	1.2	2.6
1986	0.2	*	*	*	*	*	0.6	0.8	1.4	1.8
1985	0.2	*	*	*	*	*	0.5	0.9	1.3	2.8
1984	0.2	*	*	*	*	*	0.5	0.8	1.6	2.4
1983	0.2	*	*	*	*	0.4	0.7	0.7	1.7	3.1
1982	0.2	*	*	*	*	*	*	0.8	1.2	2.8
1981	0.2	*	*	*	*	*	0.9	1.2	1.4	2.5
1980	0.3	*	*	*	*	*	0.6	1.3	2.5	4.1
1979	0.2	*	*	*	*	*	0.9	1.3	2.3	3.6

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of appendix (540-543)										
All other, both sexes										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	2.2	*	*	*	*
1980	0.4	*	*	*	2.3	*	*	*	*	*
1979	0.5	*	*	*	*	2.3	*	*	*	*
Diseases of appendix (540-543)										
All other, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of appendix (540-543)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Diseases of appendix (540-543)										
Black, both sexes										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	2.5	*	*	*	*
1980	0.5	*	*	*	2.5	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Diseases of appendix (540-543)										
Black, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*
Diseases of appendix (540-543)										
Black, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hernia (550-553)										
All races, both sexes										
1998	0.5	0.1	0.3	0.4	0.5	0.7	1.6	2.7	5.3	12.0
1997	0.5	0.2	0.2	0.4	0.5	1.0	1.4	2.5	5.0	13.8
1996	0.5	0.2	0.2	0.4	0.6	0.8	1.5	2.6	5.5	13.2
1995	0.5	0.2	0.2	0.3	0.4	1.0	1.5	2.7	4.8	13.4
1994	0.5	0.2	0.2	0.4	0.7	0.8	1.3	2.6	4.8	13.2
1993	0.5	*	0.2	0.2	0.5	0.7	1.4	2.8	5.5	14.1
1992	0.5	*	0.2	0.2	0.6	1.0	1.3	2.9	5.2	14.9
1991	0.5	0.2	*	0.2	0.6	1.0	1.7	2.9	5.7	12.9
1990	0.5	0.2	0.2	0.3	0.5	0.9	1.5	3.3	6.0	15.8
1989	0.5	0.1	0.2	0.4	0.6	1.0	1.6	3.2	6.0	15.4
1988	0.5	0.2	0.2	0.3	0.5	0.9	1.8	3.1	6.5	15.8
1987	0.6	*	0.2	0.3	0.7	1.1	1.8	3.2	6.5	15.6
1986	0.5	*	0.3	0.4	0.7	0.9	1.9	3.5	5.6	14.9
1985	0.6	*	0.3	0.5	0.6	1.0	1.7	3.7	8.3	16.0
1984	0.6	*	0.3	0.4	0.7	1.1	1.8	3.7	6.2	16.9
1983	0.6	*	0.2	0.5	0.7	1.3	1.7	4.0	7.6	16.8
1982	0.6	0.2	0.3	0.5	0.7	1.3	1.9	3.7	7.1	17.6
1981	0.7	0.2	0.4	0.5	0.7	1.2	2.9	4.8	8.7	19.0
1980	0.7	0.2	0.4	0.6	0.9	1.4	2.8	4.5	8.6	18.6
1979	0.7	0.2	0.4	0.7	0.9	1.6	2.8	4.7	9.7	18.0
Hernia (550-553)										
All races, male										
1998	0.4	*	0.4	0.4	0.5	0.7	1.8	3.2	4.4	11.6
1997	0.5	*	*	0.6	0.5	1.2	1.6	3.1	6.4	14.0
1996	0.4	*	*	0.4	0.6	0.8	1.8	3.0	6.2	13.7
1995	0.4	*	*	*	0.5	1.0	1.7	2.8	5.8	14.8
1994	0.4	*	*	0.4	0.8	0.8	1.8	2.8	5.2	13.6
1993	0.4	*	*	*	0.6	0.8	1.7	3.1	5.9	14.4
1992	0.4	*	*	*	0.6	1.2	1.4	3.3	6.1	16.1
1991	0.4	*	*	*	0.6	0.9	1.9	3.0	6.8	14.0
1990	0.5	*	*	*	0.5	0.8	1.8	3.6	7.2	17.0
1989	0.5	*	*	0.5	0.7	1.0	2.0	3.7	7.5	17.3
1988	0.4	*	*	0.4	0.6	0.8	1.7	3.4	8.8	15.9
1987	0.5	*	*	*	0.8	1.1	1.8	3.5	7.7	16.8
1986	0.5	*	*	0.5	0.8	1.0	2.4	4.2	6.3	18.6
1985	0.5	*	*	0.5	0.7	1.0	2.2	4.2	8.2	18.0
1984	0.5	*	*	0.4	0.8	1.1	2.1	4.8	8.5	18.3
1983	0.6	*	*	0.5	0.8	1.5	2.4	4.5	9.6	19.3
1982	0.5	*	0.4	0.5	0.8	1.4	1.8	4.3	8.0	22.2
1981	0.6	*	*	0.4	0.7	1.6	3.1	5.8	11.1	24.4
1980	0.7	*	0.4	0.5	0.9	1.6	3.2	5.4	11.6	23.3
1979	0.7	*	0.5	0.7	1.1	1.9	3.1	5.5	10.7	22.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hernia (550-553)										
All races, female										
1998	0.6	*	*	0.4	0.5	0.7	1.4	2.3	5.8	12.2
1997	0.6	*	*	*	0.4	0.8	1.3	2.1	4.2	13.8
1996	0.6	*	*	0.4	0.5	0.8	1.3	2.4	5.0	13.0
1995	0.6	*	*	*	*	1.0	1.4	2.7	4.2	12.8
1994	0.6	*	*	0.4	0.6	0.9	0.9	2.5	4.5	13.0
1993	0.6	*	*	*	0.5	0.7	1.2	2.6	5.2	14.0
1992	0.6	*	*	*	0.6	0.9	1.2	2.7	4.7	14.5
1991	0.6	*	*	*	0.6	1.1	1.6	2.8	5.1	12.4
1990	0.6	*	*	*	0.5	1.0	1.2	3.1	5.4	15.4
1989	0.6	*	*	*	0.4	1.0	1.4	2.8	5.2	14.7
1988	0.6	*	*	*	0.5	0.9	1.9	2.9	5.4	15.7
1987	0.6	*	*	0.4	0.6	1.2	1.7	3.0	5.9	15.2
1986	0.6	*	*	0.4	0.7	0.8	1.5	3.1	5.2	13.4
1985	0.7	*	*	0.5	0.5	1.0	1.4	3.4	8.3	15.2
1984	0.6	*	*	0.5	0.6	1.1	1.5	3.1	5.1	16.3
1983	0.6	*	*	0.4	0.6	1.1	1.2	3.7	6.5	15.8
1982	0.7	*	*	0.5	0.6	1.2	2.0	3.4	6.6	15.8
1981	0.7	*	0.4	0.5	0.7	0.9	2.8	4.2	7.4	16.7
1980	0.7	*	0.4	0.7	0.8	1.3	2.5	4.0	6.9	16.6
1979	0.8	*	*	0.7	0.8	1.4	2.6	4.2	9.2	16.1
Hernia (550-553)										
White, both sexes										
1998	0.5	0.1	0.3	0.4	0.5	0.7	1.6	2.7	5.2	12.3
1997	0.6	0.1	0.2	0.4	0.5	1.0	1.3	2.5	5.2	14.4
1996	0.6	*	0.2	0.4	0.5	0.8	1.5	2.7	5.6	13.5
1995	0.5	0.1	0.2	0.2	0.4	1.0	1.4	2.8	4.7	13.9
1994	0.5	0.2	*	0.3	0.7	0.8	1.3	2.6	4.9	13.6
1993	0.5	*	0.2	*	0.4	0.8	1.4	2.8	5.6	14.7
1992	0.5	*	0.2	0.2	0.6	1.0	1.2	2.9	5.2	15.3
1991	0.5	*	*	*	0.6	1.0	1.5	2.8	5.6	13.3
1990	0.6	*	*	0.3	0.4	0.9	1.4	3.3	6.2	16.4
1989	0.6	*	*	0.4	0.5	0.9	1.6	3.0	6.2	16.0
1988	0.6	*	0.2	0.3	0.5	0.8	1.8	3.0	6.7	16.2
1987	0.6	*	*	0.3	0.7	1.2	1.7	3.1	6.5	16.3
1986	0.6	*	0.3	0.4	0.7	0.8	1.8	3.5	5.5	15.6
1985	0.6	*	0.2	0.5	0.5	1.0	1.8	3.7	8.4	16.7
1984	0.6	*	0.2	0.4	0.6	1.1	1.6	3.9	6.3	17.4
1983	0.6	*	0.2	0.4	0.6	1.3	1.6	4.1	7.4	17.4
1982	0.6	0.2	0.2	0.4	0.7	1.3	1.8	3.7	7.0	18.4
1981	0.7	*	0.4	0.4	0.7	1.2	2.8	5.0	8.7	19.4
1980	0.7	*	0.3	0.5	0.8	1.4	2.8	4.6	8.5	19.6
1979	0.8	0.2	0.3	0.7	0.9	1.6	2.8	4.8	10.1	18.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hernia (550-553)										
White, male										
1998	0.4	*	0.4	*	0.5	0.7	1.9	3.1	4.5	12.4
1997	0.5	*	*	0.5	0.5	1.1	1.6	3.1	6.6	14.3
1996	0.5	*	*	0.4	0.6	0.9	1.6	3.1	6.2	13.7
1995	0.4	*	*	*	0.5	1.0	1.6	2.7	5.6	15.4
1994	0.4	*	*	*	0.7	0.7	1.8	2.8	5.2	14.0
1993	0.4	*	*	*	0.6	0.8	1.6	3.1	6.1	14.9
1992	0.4	*	*	*	0.6	1.1	1.4	3.2	6.1	15.6
1991	0.4	*	*	*	0.6	0.9	1.6	2.9	6.9	14.2
1990	0.5	*	*	*	0.5	0.8	1.8	3.6	7.5	17.5
1989	0.5	*	*	0.5	0.6	0.9	1.9	3.5	7.8	17.6
1988	0.5	*	*	*	0.6	0.8	1.6	3.4	9.0	15.7
1987	0.5	*	*	*	0.8	1.0	1.8	3.5	7.8	16.9
1986	0.5	*	*	0.4	0.8	1.0	2.3	4.3	6.3	20.0
1985	0.5	*	*	0.5	0.5	1.0	2.3	4.3	7.8	18.6
1984	0.5	*	*	*	0.8	1.1	2.0	5.2	8.3	18.7
1983	0.6	*	*	0.5	0.7	1.5	2.1	4.6	9.4	19.9
1982	0.5	*	*	0.4	0.7	1.5	1.5	4.3	7.8	22.9
1981	0.7	*	*	0.4	0.7	1.5	3.0	5.9	10.8	25.3
1980	0.7	*	*	0.4	0.8	1.6	3.1	5.5	11.2	24.0
1979	0.7	*	0.4	0.7	1.2	1.9	3.2	5.7	11.1	22.7
Hernia (550-553)										
White, female										
1998	0.6	*	*	0.4	*	0.6	1.4	2.4	5.7	12.3
1997	0.7	*	*	*	*	0.9	1.2	2.1	4.4	14.4
1996	0.7	*	*	*	0.5	0.7	1.4	2.4	5.3	13.4
1995	0.6	*	*	*	*	0.9	1.3	2.8	4.2	13.3
1994	0.6	*	*	*	0.6	0.8	0.9	2.6	4.7	13.4
1993	0.6	*	*	*	*	0.7	1.3	2.6	5.3	14.6
1992	0.7	*	*	*	0.7	0.9	1.1	2.7	4.7	15.1
1991	0.6	*	*	*	0.6	1.1	1.5	2.8	4.9	13.0
1990	0.7	*	*	*	0.4	0.9	1.1	3.1	5.4	16.0
1989	0.7	*	*	*	0.4	0.9	1.3	2.6	5.3	15.5
1988	0.7	*	*	*	0.4	0.9	2.0	2.7	5.6	16.3
1987	0.7	*	*	*	0.6	1.3	1.6	2.9	5.9	16.1
1986	0.6	*	*	*	0.6	0.7	1.5	3.0	5.1	13.9
1985	0.7	*	*	0.4	0.5	1.1	1.4	3.4	8.7	16.0
1984	0.7	*	*	0.5	0.5	1.1	1.3	3.2	5.2	16.9
1983	0.7	*	*	*	0.5	1.1	1.1	3.8	6.4	16.5
1982	0.7	*	*	0.4	0.6	1.1	2.1	3.3	6.7	16.6
1981	0.8	*	0.4	0.5	0.6	0.9	2.7	4.4	7.6	17.0
1980	0.8	*	*	0.6	0.8	1.3	2.5	4.1	7.2	17.6
1979	0.8	*	*	0.7	0.7	1.4	2.5	4.3	9.6	16.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hernia (550-553)										
All other, both sexes										
1998	0.3	*	*	*	*	*	*	*	6.0	9.3
1997	0.3	*	*	*	*	*	*	*	*	8.4
1996	0.3	*	*	*	*	*	*	*	*	9.8
1995	0.3	*	*	*	*	*	*	*	6.2	8.4
1994	0.3	*	*	*	*	*	*	*	*	8.8
1993	0.3	*	*	*	*	*	*	*	*	8.5
1992	0.3	*	*	*	*	*	*	*	*	11.6
1991	0.4	*	*	*	*	*	3.2	3.4	6.7	8.6
1990	0.4	*	*	*	*	*	*	*	*	9.6
1989	0.4	*	*	*	*	*	*	5.0	*	9.0
1988	0.4	*	*	*	*	*	*	3.9	*	11.7
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	3.9	6.7	*
1985	0.4	*	*	*	*	*	*	*	7.0	*
1984	0.4	*	*	*	*	*	3.3	*	*	12.0
1983	0.5	*	*	*	*	*	3.2	*	8.8	10.1
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	3.9	*	8.7	14.2
1980	0.5	*	*	*	*	*	3.1	*	8.7	*
1979	0.5	*	*	*	*	*	*	*	*	*
Hernia (550-553)										
All other, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.7	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hernia (550-553)										
All other, female										
1998	0.4	*	*	*	*	*	*	*	7.0	11.4
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	8.2
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Hernia (550-553)										
Black, both sexes										
1998	0.4	*	*	*	*	*	*	*	7.4	10.2
1997	0.4	*	*	*	*	*	*	*	*	8.5
1996	0.4	*	*	*	*	*	*	*	*	10.4
1995	0.4	*	*	*	*	*	*	*	7.6	9.0
1994	0.4	*	*	*	*	*	*	*	*	10.1
1993	0.4	*	*	*	*	*	*	*	*	8.5
1992	0.4	*	*	*	*	*	*	*	*	12.9
1991	0.5	*	*	*	*	*	3.2	*	*	8.9
1990	0.4	*	*	*	*	*	*	*	*	9.0
1989	0.5	*	*	*	*	*	*	5.8	*	*
1988	0.5	*	*	*	*	*	*	4.2	*	11.7
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	4.4	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	3.8	*	*	12.6
1983	0.5	*	*	*	*	*	3.8	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	4.1	*	9.6	14.3
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hernia (550-553)										
Black, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	*	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.8	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*
Hernia (550-553)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	8.8	12.2
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.5	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic liver disease and cirrhosis (571)										
All races, both sexes										
1998	9.1	15.5	17.2	21.0	25.3	28.7	32.4	31.6	29.7	22.0
1997	9.2	15.5	17.6	21.1	26.9	29.7	32.6	30.8	28.7	22.6
1996	9.3	15.3	18.2	22.3	27.2	29.1	31.9	31.0	29.6	21.2
1995	9.5	15.2	18.5	22.3	28.2	30.2	32.6	32.0	29.9	22.6
1994	9.7	14.7	19.2	23.7	28.8	32.6	33.0	31.0	30.3	22.7
1993	9.7	14.4	18.7	24.4	29.1	31.9	33.4	32.4	32.4	21.5
1992	9.8	14.4	19.3	25.1	29.9	34.4	33.3	31.9	33.0	23.8
1991	10.1	15.2	19.6	25.3	32.1	33.6	34.5	34.8	31.3	22.9
1990	10.4	16.2	20.2	27.4	32.3	34.8	34.9	34.7	33.4	23.4
1989	10.8	16.4	22.5	29.4	34.1	36.3	36.4	35.4	31.5	23.7
1988	10.8	17.1	23.4	29.2	35.7	35.4	35.7	33.5	29.8	20.5
1987	10.8	16.9	23.5	30.4	34.8	35.6	35.6	34.3	29.2	21.2
1986	10.9	16.9	24.3	29.9	35.3	37.3	38.1	33.6	27.3	21.1
1985	11.3	18.7	25.7	31.8	36.4	38.9	36.5	33.3	31.0	20.1
1984	11.6	19.5	27.2	33.3	37.4	40.9	37.9	34.8	29.9	18.9
1983	11.7	20.6	28.1	34.2	38.8	39.6	37.5	33.0	29.6	18.8
1982	12.0	21.1	29.6	35.5	38.8	41.7	38.1	32.6	29.1	17.9
1981	12.8	23.5	32.9	37.4	41.5	44.7	39.5	33.2	27.6	20.8
1980	13.5	26.4	35.2	39.7	43.9	45.8	39.5	33.1	26.4	19.9
1979	13.2	26.4	35.5	38.8	43.4	44.0	38.9	30.4	24.8	18.1
Chronic liver disease and cirrhosis (571)										
All races, male										
1998	12.1	23.8	26.2	31.2	37.1	39.3	42.4	39.1	38.3	33.7
1997	12.2	23.7	26.7	31.0	38.8	40.5	42.2	39.4	38.0	31.0
1996	12.4	23.3	27.2	32.8	39.3	40.5	41.6	39.7	41.2	31.1
1995	12.7	23.1	28.0	32.2	40.6	42.3	45.5	41.2	40.3	34.6
1994	12.8	22.3	28.0	35.0	41.7	46.6	43.0	40.0	43.6	33.1
1993	12.8	21.9	27.6	35.3	40.9	44.3	45.1	41.6	44.5	34.0
1992	13.2	21.9	28.2	37.2	42.9	48.1	45.3	43.4	47.4	36.3
1991	13.2	22.5	28.4	37.1	45.8	46.7	45.2	46.0	45.5	34.2
1990	13.7	24.2	29.5	39.2	46.5	48.0	48.1	46.7	47.4	36.3
1989	14.4	24.1	33.0	42.1	48.3	50.2	50.5	48.9	43.9	36.3
1988	14.4	25.2	34.0	42.4	50.6	50.2	50.2	44.7	42.5	34.4
1987	14.5	24.7	34.4	44.3	50.1	49.9	49.9	48.4	40.3	34.3
1986	14.4	24.6	34.0	43.2	48.4	52.8	53.6	47.4	38.5	33.9
1985	14.9	26.6	36.3	45.1	53.1	54.5	52.1	46.5	43.8	29.2
1984	15.3	28.0	37.4	47.0	52.8	58.3	53.7	50.7	40.1	30.1
1983	15.4	28.9	38.8	48.0	54.3	58.0	54.0	47.2	43.6	27.9
1982	15.9	29.5	42.4	49.2	55.4	59.9	56.1	45.1	42.9	28.7
1981	16.9	32.0	45.5	52.4	58.6	65.4	56.6	50.0	40.1	34.0
1980	18.0	36.7	48.6	55.2	63.2	66.2	58.8	48.5	38.6	32.1
1979	17.7	36.7	48.5	53.5	62.9	65.4	58.1	45.0	37.3	28.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic liver disease and cirrhosis (571)										
All races, female										
1998	6.3	7.5	8.7	11.4	14.6	19.7	24.6	26.4	24.7	17.4
1997	6.4	7.5	9.0	11.9	16.2	20.6	25.2	24.8	23.4	19.4
1996	6.3	7.5	9.7	12.5	16.5	19.6	24.4	25.0	23.0	17.4
1995	6.4	7.6	9.5	13.2	17.1	20.1	22.6	25.7	24.1	18.0
1994	6.6	7.4	10.9	13.2	17.4	21.1	25.3	24.9	23.1	18.8
1993	6.7	7.1	10.2	14.3	18.7	21.7	24.5	26.3	25.9	16.7
1992	6.7	7.2	11.0	14.0	18.5	23.2	24.2	24.4	25.3	19.0
1991	7.1	8.2	11.4	14.4	20.1	22.9	26.6	27.5	23.7	18.6
1990	7.2	8.4	11.3	16.6	19.9	24.1	25.2	26.9	25.9	18.4
1989	7.4	9.0	12.5	17.9	21.8	25.0	26.0	26.8	25.0	18.8
1988	7.3	9.2	13.3	17.0	22.9	23.4	25.1	26.4	23.2	15.0
1987	7.4	9.4	13.2	17.7	21.5	23.9	25.2	25.4	23.3	16.0
1986	7.6	9.6	15.2	17.8	24.1	24.8	26.8	25.0	21.4	16.0
1985	7.8	11.2	15.8	19.8	22.0	26.3	25.2	25.0	24.2	16.5
1984	8.1	11.4	17.7	21.1	24.0	27.0	26.4	24.8	24.5	14.4
1983	8.1	12.7	18.1	21.9	25.4	24.8	25.6	24.0	22.2	15.1
1982	8.2	13.0	17.7	23.3	24.3	27.2	25.0	24.7	21.9	13.4
1981	8.8	15.4	21.2	24.1	26.7	28.1	27.1	22.6	21.0	15.2
1980	9.3	16.6	22.9	25.9	27.2	29.6	25.5	23.5	19.9	14.6
1979	9.0	16.7	23.4	25.6	26.5	26.9	25.0	21.2	18.2	13.5
Chronic liver disease and cirrhosis (571)										
White, both sexes										
1998	9.6	14.8	16.7	20.5	25.2	29.3	33.5	33.2	30.6	22.9
1997	9.7	14.5	17.1	20.5	26.7	30.2	33.3	31.9	29.9	23.7
1996	9.6	14.5	17.4	21.6	27.0	29.4	32.3	32.2	30.6	21.7
1995	9.7	14.3	17.3	20.9	28.0	30.6	33.3	33.2	30.4	23.1
1994	9.8	13.1	17.8	22.8	28.5	32.5	33.4	31.8	31.4	22.9
1993	9.9	13.2	17.5	23.8	28.8	31.9	34.0	33.1	33.5	22.3
1992	9.9	12.9	18.1	23.8	29.6	33.7	33.6	33.0	33.6	24.4
1991	10.1	13.7	18.1	24.0	31.7	33.0	35.1	36.0	32.1	23.6
1990	10.3	13.9	18.4	25.4	31.4	35.1	35.2	35.4	33.8	24.1
1989	10.7	14.4	20.7	27.6	33.4	36.0	36.7	36.4	32.6	24.4
1988	10.6	14.8	21.2	27.8	34.8	35.4	36.1	34.0	30.3	21.2
1987	10.6	14.6	21.1	28.9	34.3	35.5	36.5	35.3	30.2	21.9
1986	10.8	15.2	22.0	28.8	34.9	37.6	38.9	34.5	28.0	21.9
1985	11.0	16.1	23.7	30.1	35.7	38.8	37.0	34.1	31.6	20.5
1984	11.4	17.4	25.4	31.7	36.8	41.2	38.6	35.6	30.5	19.7
1983	11.5	18.4	26.1	32.8	38.1	39.6	38.4	34.3	30.6	19.9
1982	11.8	18.8	27.5	34.5	38.3	42.5	39.0	33.6	30.0	18.5
1981	12.4	20.6	30.0	36.1	40.8	45.0	40.0	34.0	28.5	21.5
1980	13.0	22.5	32.4	37.7	42.8	46.0	40.1	34.1	27.2	20.5
1979	12.7	23.0	32.2	36.7	42.9	44.2	39.5	31.1	25.3	18.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic liver disease and cirrhosis (571)										
White, male										
1998	12.6	23.0	25.4	30.2	36.7	39.4	43.2	41.0	39.4	34.7
1997	12.7	22.4	26.1	29.9	38.4	40.8	43.1	41.0	39.3	32.3
1996	12.8	22.3	26.1	31.9	38.7	40.7	42.1	40.9	42.2	31.9
1995	13.0	21.8	26.3	30.3	40.3	43.0	45.8	42.9	41.6	35.4
1994	13.1	19.8	26.0	33.6	41.5	46.4	43.5	41.1	44.5	33.2
1993	13.0	20.2	26.0	34.5	40.3	44.3	45.2	42.6	46.5	35.9
1992	13.3	19.5	26.6	35.5	42.3	47.0	45.3	44.5	47.9	37.6
1991	13.3	20.4	26.5	35.1	45.2	45.9	46.1	47.6	47.5	35.5
1990	13.6	21.1	26.9	36.6	45.2	48.4	48.4	48.0	48.0	37.4
1989	14.2	21.2	30.6	39.4	47.5	49.6	50.9	50.2	44.9	36.9
1988	14.3	22.2	31.1	40.3	49.7	50.4	51.0	45.5	44.0	36.5
1987	14.2	21.2	31.3	42.2	49.4	49.7	51.0	49.5	41.9	35.4
1986	14.2	22.3	30.9	41.7	47.7	53.1	54.8	48.4	39.3	35.4
1985	14.5	23.0	33.4	42.5	52.0	54.1	53.0	48.1	45.1	29.7
1984	15.1	24.9	34.6	44.9	52.4	58.3	54.9	51.9	41.5	31.9
1983	15.2	26.0	36.0	46.1	53.4	58.1	55.4	49.2	45.6	30.2
1982	15.8	26.5	39.4	48.1	54.4	61.3	57.6	46.4	44.6	30.6
1981	16.5	28.1	41.4	50.7	57.7	66.1	57.6	51.7	41.4	35.5
1980	17.3	31.7	44.4	52.8	61.6	66.4	60.0	50.2	39.8	33.2
1979	17.0	31.9	43.6	50.2	62.5	66.3	58.8	46.7	38.5	28.5
Chronic liver disease and cirrhosis (571)										
White, female										
1998	6.7	6.8	8.3	11.3	14.7	20.5	25.9	27.7	25.5	18.2
1997	6.7	6.8	8.3	11.5	16.0	21.0	25.7	25.6	24.5	20.4
1996	6.6	6.9	9.0	11.9	16.2	19.8	24.7	26.2	24.1	17.7
1995	6.5	6.9	8.5	12.0	16.8	20.1	23.5	26.5	24.1	18.4
1994	6.7	6.6	9.9	12.6	16.8	20.7	25.6	25.5	24.2	19.0
1993	6.8	6.3	9.3	13.8	18.4	21.6	25.3	26.8	26.5	17.1
1992	6.8	6.4	9.9	12.8	18.2	22.8	24.7	25.4	26.0	19.4
1991	7.0	7.0	10.0	13.6	19.7	22.4	26.6	28.5	24.0	19.1
1990	7.1	7.0	10.3	15.0	19.2	24.2	25.4	27.3	26.3	19.0
1989	7.4	7.7	11.2	16.6	21.0	24.8	26.2	27.6	26.1	19.6
1988	7.2	7.6	11.6	16.3	21.8	23.1	25.1	26.7	23.1	15.3
1987	7.3	8.2	11.4	16.6	21.1	23.9	25.9	26.3	24.1	16.7
1986	7.5	8.4	13.5	17.0	23.7	24.8	27.2	25.7	22.1	16.7
1985	7.6	9.5	14.5	18.7	21.5	26.2	25.4	25.3	24.5	16.9
1984	7.9	10.1	16.6	19.8	23.2	27.3	26.7	25.4	24.9	14.9
1983	7.9	11.0	16.6	20.9	24.7	24.7	26.1	25.1	22.8	15.8
1982	8.0	11.3	16.2	22.3	24.2	27.2	25.5	25.7	22.3	13.5
1981	8.5	13.3	19.3	22.9	26.1	28.0	27.4	23.1	21.7	15.6
1980	8.8	13.7	21.1	24.1	26.5	29.5	25.8	24.0	20.5	15.1
1979	8.6	14.4	21.4	24.4	26.0	26.6	25.6	21.5	18.4	14.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic liver disease and cirrhosis (571)										
All other, both sexes										
1998	7.0	18.9	20.3	23.9	25.8	24.8	23.0	17.3	20.5	13.1
1997	7.3	20.4	21.1	24.8	28.2	26.1	26.8	20.4	16.8	12.0
1996	7.7	19.4	23.0	26.5	29.1	27.0	28.2	20.1	19.0	16.7
1995	8.3	20.3	26.2	31.4	29.6	27.3	26.4	20.8	24.9	17.4
1994	8.8	24.0	27.6	29.1	30.7	33.7	29.0	23.1	19.2	20.4
1993	8.8	21.7	26.1	28.0	31.1	31.7	28.8	25.7	21.2	13.7
1992	9.3	23.8	26.9	33.9	32.5	39.7	30.6	21.5	26.3	18.1
1991	9.8	24.8	29.2	33.7	34.9	38.1	30.0	22.5	22.5	15.9
1990	10.8	29.8	30.9	41.1	38.6	32.1	32.2	27.2	28.3	15.7
1989	11.4	29.1	33.5	42.0	39.9	38.6	33.5	25.8	20.7	16.8
1988	11.7	31.1	37.6	38.4	42.7	35.6	32.2	28.1	25.0	12.9
1987	11.8	31.1	38.7	41.1	38.5	35.7	27.6	25.2	18.5	13.3
1986	11.6	27.4	39.6	37.6	39.1	35.2	30.8	25.4	19.9	12.1
1985	12.7	34.8	39.2	44.8	42.1	40.5	31.5	25.6	24.3	16.1
1984	12.6	33.1	40.0	46.0	42.0	38.7	31.4	26.9	22.7	10.1
1983	12.6	35.0	42.3	45.2	44.9	39.2	29.0	19.6	18.3	*
1982	12.7	35.9	45.0	42.8	42.6	34.9	29.8	22.7	19.8	11.5
1981	14.8	42.7	54.0	48.7	47.5	42.5	34.4	24.5	17.4	13.2
1980	16.8	53.0	57.3	56.7	53.3	44.6	33.1	24.0	17.5	12.8
1979	16.5	50.7	61.7	57.0	47.1	41.8	33.2	23.0	18.8	13.2
Chronic liver disease and cirrhosis (571)										
All other, male										
1998	9.5	28.0	31.2	37.8	40.4	38.7	35.5	20.8	26.6	23.5
1997	9.6	31.3	30.8	38.3	41.8	37.7	33.8	24.6	24.4	18.8
1996	10.3	29.4	34.3	39.0	43.2	38.9	36.9	27.9	30.5	24.2
1995	11.1	30.6	39.0	44.4	42.6	36.6	42.7	24.4	26.9	27.1
1994	11.7	38.0	40.4	44.0	43.0	47.7	38.5	28.7	34.0	31.4
1993	11.7	33.3	38.2	41.0	45.0	44.3	44.3	32.1	24.5	*
1992	12.7	37.4	38.7	48.9	47.6	57.1	45.1	32.4	41.5	23.6
1991	12.6	36.3	40.8	51.8	50.8	53.0	35.8	29.5	25.2	*
1990	14.3	44.9	46.8	58.4	56.9	44.1	45.7	34.4	40.4	25.8
1989	15.5	43.1	49.0	61.8	55.3	55.0	46.5	36.0	33.9	30.9
1988	15.4	45.3	54.3	58.6	58.0	48.6	43.1	36.5	27.4	*
1987	16.1	47.6	55.9	60.4	56.5	51.2	39.7	38.1	25.0	*
1986	15.4	39.9	56.0	55.9	54.7	49.5	41.8	37.6	30.6	*
1985	17.1	50.2	57.5	65.8	62.9	58.6	43.3	31.1	29.8	*
1984	16.6	49.2	58.7	64.9	56.1	57.4	42.2	39.6	26.7	*
1983	16.6	48.9	60.5	64.1	62.6	57.6	40.6	28.4	22.7	*
1982	16.7	50.6	65.9	57.8	64.6	46.2	42.2	33.5	25.5	*
1981	19.4	59.6	78.4	66.8	67.6	59.3	47.0	34.4	26.4	*
1980	22.3	74.1	83.7	76.6	78.3	64.1	47.2	32.9	25.2	*
1979	22.3	73.6	90.3	83.1	67.4	57.1	52.3	30.4	24.4	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic liver disease and cirrhosis (571)										
All other, female										
1998	4.6	11.2	11.0	12.3	14.1	14.4	14.4	15.1	17.2	8.7
1997	5.1	11.0	12.7	13.7	17.5	17.4	22.0	17.7	12.9	9.1
1996	5.3	10.7	13.4	16.1	17.9	18.2	22.3	15.1	12.9	13.5
1995	5.7	11.4	15.2	20.7	19.3	20.3	15.3	18.5	23.7	13.3
1994	6.1	11.9	16.7	16.8	21.0	23.3	22.5	19.6	11.2	15.7
1993	6.2	11.8	15.7	17.4	20.4	22.4	18.0	21.8	19.4	12.6
1992	6.3	12.0	16.9	21.6	20.9	26.7	20.5	14.8	17.8	15.7
1991	7.2	15.0	19.4	19.1	22.8	27.0	26.0	18.2	20.9	13.0
1990	7.6	16.8	17.4	27.1	24.8	23.2	23.0	22.7	21.4	11.2
1989	7.7	17.1	20.3	26.0	28.0	26.4	24.7	19.4	13.2	*
1988	8.3	18.8	23.5	22.2	30.9	25.8	24.8	22.8	23.5	11.8
1987	7.9	16.9	24.3	25.6	24.6	24.3	19.4	17.0	14.8	*
1986	8.0	16.7	26.0	23.0	27.1	24.6	23.3	17.6	13.8	*
1985	8.8	21.7	24.1	27.8	25.8	26.8	23.2	22.0	21.1	*
1984	8.9	19.4	24.7	30.6	30.9	24.7	23.9	18.4	20.3	*
1983	9.1	23.2	27.5	29.8	30.8	25.4	20.8	13.6	15.8	*
1982	9.1	23.4	28.0	30.5	25.1	26.5	20.7	15.4	16.6	*
1981	10.6	28.5	34.3	33.7	31.3	29.8	25.1	17.8	*	*
1980	11.9	35.6	35.9	40.2	33.3	29.8	22.5	17.9	*	*
1979	11.2	31.8	38.4	35.2	30.8	29.9	18.7	17.4	15.2	*
Chronic liver disease and cirrhosis (571)										
Black, both sexes										
1998	7.6	22.3	23.2	27.2	28.3	27.0	25.7	17.1	19.8	10.5
1997	8.1	24.5	24.2	29.2	33.3	28.0	28.1	20.8	15.7	12.6
1996	8.6	23.5	27.6	30.1	32.3	30.6	30.7	18.5	14.8	13.5
1995	9.1	24.6	30.3	33.9	33.5	29.9	28.0	19.9	22.3	16.9
1994	9.8	28.9	31.9	33.0	33.8	37.0	30.3	22.9	17.0	18.7
1993	9.9	25.5	31.2	32.6	34.6	35.0	30.5	26.1	17.8	11.6
1992	10.4	28.8	30.1	37.4	36.3	42.7	29.6	20.4	25.4	15.7
1991	11.1	29.5	34.4	37.4	39.5	42.8	29.2	21.6	21.1	13.5
1990	12.3	35.3	35.4	47.1	42.7	34.1	34.8	26.3	26.4	15.7
1989	12.8	33.9	38.1	46.4	44.7	40.9	35.1	24.4	19.1	14.1
1988	13.1	35.4	42.5	41.7	47.3	38.8	32.3	28.8	22.4	13.1
1987	13.4	35.8	44.0	45.1	41.5	37.1	28.9	25.6	18.3	11.5
1986	12.9	31.4	43.5	42.3	42.5	38.6	31.5	26.0	14.9	*
1985	14.2	40.4	42.7	49.1	46.0	42.4	33.0	25.5	22.0	13.8
1984	13.8	36.8	44.0	50.7	45.9	40.2	32.8	26.6	21.6	*
1983	13.9	38.1	47.8	49.5	48.8	40.3	29.6	19.1	18.5	*
1982	14.0	40.0	49.1	46.1	46.9	36.8	29.8	21.8	17.4	*
1981	16.0	47.3	58.4	53.8	49.4	45.2	34.8	23.6	17.2	*
1980	18.0	57.5	62.5	60.9	56.3	45.2	33.3	22.7	15.5	*
1979	17.4	54.3	66.5	59.7	49.3	42.8	35.0	22.2	12.9	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic liver disease and cirrhosis (571)										
Black, male										
1998	10.7	34.1	36.5	43.2	45.9	42.4	41.0	22.4	28.0	*
1997	10.9	38.8	36.0	45.1	51.0	42.3	38.3	26.5	24.6	*
1996	11.8	36.1	43.3	45.2	49.0	44.9	42.0	28.7	25.9	*
1995	12.4	38.3	46.6	49.3	50.8	41.6	48.3	23.5	26.1	29.5
1994	13.3	46.4	47.8	50.8	48.0	54.8	42.7	29.1	31.0	26.6
1993	13.6	39.1	47.7	50.3	51.8	50.2	49.2	35.3	21.0	*
1992	14.4	46.0	44.5	55.8	55.7	62.1	47.3	29.8	38.3	*
1991	14.4	44.2	49.1	59.5	57.7	59.3	35.1	29.5	23.9	*
1990	16.6	54.3	54.7	69.8	63.1	48.0	51.4	33.0	41.7	*
1989	17.7	51.4	58.5	69.3	63.0	60.5	49.2	34.8	32.0	*
1988	17.6	52.6	63.6	64.6	65.8	52.8	44.8	39.0	23.4	*
1987	18.6	56.5	65.1	68.5	63.8	54.2	40.6	41.7	22.8	*
1986	17.6	46.0	62.9	63.4	59.0	56.9	43.1	40.7	23.3	*
1985	19.4	59.3	63.9	73.5	69.7	62.2	46.3	30.6	26.4	*
1984	18.4	56.2	64.4	71.6	62.0	59.6	44.5	37.7	27.4	*
1983	18.4	55.1	69.2	70.2	68.2	60.9	42.2	26.1	24.4	*
1982	18.5	57.1	72.7	63.6	72.5	49.4	42.6	32.3	*	*
1981	21.4	67.7	86.2	74.6	69.9	65.5	49.0	35.4	26.0	*
1980	24.0	81.3	91.2	82.9	82.4	65.9	47.7	31.4	*	*
1979	23.7	78.2	99.0	87.7	72.3	59.2	56.2	29.2	*	*
Chronic liver disease and cirrhosis (571)										
Black, female										
1998	4.8	12.2	11.9	14.2	14.6	15.7	15.6	13.9	15.8	*
1997	5.4	12.4	14.3	16.4	19.4	17.4	21.4	17.4	11.5	10.3
1996	5.7	12.8	14.5	18.0	19.3	19.9	23.3	12.4	9.5	13.0
1995	6.0	13.1	16.7	21.5	20.1	21.2	14.7	17.7	20.4	12.0
1994	6.6	14.1	18.6	18.8	22.8	23.8	22.2	19.3	10.2	15.6
1993	6.6	14.0	17.6	18.4	21.3	23.8	18.1	20.8	16.2	10.8
1992	6.7	14.3	18.1	22.8	21.5	28.6	17.9	15.0	18.9	12.4
1991	8.1	17.1	22.3	19.8	25.7	30.7	25.4	16.9	19.7	12.5
1990	8.5	19.4	19.6	29.1	27.3	24.0	23.9	22.3	18.4	*
1989	8.4	19.2	21.4	28.1	30.8	26.8	25.9	18.3	12.4	*
1988	9.1	21.1	25.0	23.5	33.3	28.7	23.9	22.6	21.9	*
1987	8.7	18.6	26.6	26.5	24.5	24.6	21.2	15.9	15.8	*
1986	8.8	19.3	27.7	25.2	29.9	25.2	23.7	17.1	*	*
1985	9.6	24.7	25.4	29.4	27.7	27.9	24.2	22.3	19.6	*
1984	9.7	20.8	27.3	33.6	33.4	25.8	25.1	19.5	18.4	*
1983	9.9	24.0	30.3	32.6	33.7	25.1	21.1	14.7	15.2	*
1982	9.9	25.9	30.0	31.9	26.8	27.6	21.0	15.1	*	*
1981	11.2	30.4	35.9	36.9	33.2	30.4	24.9	16.0	*	*
1980	12.6	37.9	39.2	42.8	35.7	29.8	23.0	17.0	*	*
1979	11.6	34.5	40.1	36.6	31.0	30.5	19.7	17.4	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alcoholic liver disease (571.0-571.3)										
All races, both sexes										
1998	4.3	9.3	10.5	11.6	12.9	12.4	10.4	7.1	4.7	2.6
1997	4.4	9.9	10.8	11.9	13.8	12.0	10.3	6.9	4.5	2.6
1996	4.5	9.9	11.4	12.6	13.9	11.8	9.9	7.6	5.6	2.7
1995	4.6	9.9	11.5	12.8	14.5	12.6	10.9	7.3	5.5	2.5
1994	4.7	9.4	11.7	13.0	14.6	14.1	11.0	7.7	4.9	2.9
1993	4.5	9.1	11.2	13.2	14.2	13.0	10.5	7.4	4.9	2.1
1992	4.6	9.2	11.6	14.4	14.8	13.8	10.9	7.0	5.3	2.9
1991	4.6	9.3	11.4	13.7	15.1	13.3	11.0	8.3	5.5	2.4
1990	4.8	10.1	11.6	14.9	15.4	14.0	11.4	8.0	5.4	2.5
1989	5.0	10.3	13.2	16.0	15.8	14.5	11.2	8.0	5.5	2.2
1988	4.8	9.8	13.1	15.0	16.4	13.7	10.6	7.6	4.9	2.0
1987	4.6	9.9	12.6	15.4	14.8	13.0	9.9	7.1	4.8	2.3
1986	4.6	9.3	12.8	13.9	15.1	14.1	10.9	7.3	3.8	2.1
1985	4.7	10.2	13.1	15.2	15.8	14.4	10.4	6.9	4.6	1.4
1984	4.8	10.5	13.3	15.7	15.8	14.5	11.2	7.8	4.4	1.9
1983	4.7	10.4	13.7	15.5	15.7	14.5	10.5	7.3	4.0	1.4
1982	4.9	10.5	14.6	15.9	15.8	15.2	10.3	6.5	4.4	1.5
1981	5.3	11.9	16.5	17.3	16.7	15.8	10.8	7.4	3.5	2.6
1980	5.7	14.1	17.0	17.9	18.3	17.0	11.5	7.3	3.5	2.5
1979	5.6	13.5	17.1	18.1	17.9	16.4	11.5	5.9	3.6	1.9
Alcoholic liver disease (571.0-571.3)										
All races, male										
1998	6.4	14.2	16.6	18.5	21.0	19.7	17.7	12.0	8.7	6.9
1997	6.5	15.3	16.7	18.5	21.9	19.6	16.8	11.9	8.1	6.4
1996	6.7	15.3	17.4	19.5	22.2	19.0	16.4	12.7	11.2	7.3
1995	6.9	15.1	18.2	19.8	22.9	20.5	18.8	12.6	10.7	6.4
1994	7.0	14.6	17.9	20.2	23.1	23.5	18.3	13.1	9.8	6.5
1993	6.7	14.3	17.2	20.1	22.2	20.9	17.7	12.6	10.1	5.8
1992	7.0	14.3	17.4	22.9	23.4	22.7	18.5	12.4	10.7	6.2
1991	6.9	14.3	17.2	21.5	23.9	21.5	18.2	14.7	11.1	5.4
1990	7.2	15.3	17.8	22.6	24.9	22.0	18.6	14.5	10.6	6.7
1989	7.5	15.6	19.7	24.7	24.5	23.2	19.6	15.1	11.6	5.1
1988	7.2	14.9	19.8	23.1	24.9	22.5	18.5	13.5	10.2	5.1
1987	7.0	14.8	19.2	23.9	23.6	21.2	17.1	13.0	9.9	5.1
1986	6.8	14.0	18.8	21.4	22.8	22.9	18.5	13.2	7.8	5.4
1985	7.0	15.0	19.3	23.4	25.1	22.6	17.7	13.6	9.7	3.0
1984	7.1	15.7	19.2	23.8	24.1	22.7	19.1	14.4	8.4	4.8
1983	6.9	15.2	19.9	22.9	24.1	23.4	17.8	13.0	8.1	3.7
1982	7.1	15.2	21.6	23.7	24.3	24.4	17.8	11.6	9.0	3.3
1981	7.6	16.9	23.6	25.4	25.3	25.9	18.2	14.0	7.4	5.7
1980	8.3	20.4	24.3	26.3	28.5	27.5	19.7	13.9	6.1	5.7
1979	8.1	19.8	23.8	26.0	27.9	26.5	20.2	10.9	8.1	3.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alcoholic liver disease (571.0-571.3)										
All races, female										
1998	2.2	4.5	4.6	5.2	5.6	6.2	4.7	3.7	2.5	0.9
1997	2.3	4.6	5.1	5.7	6.6	5.6	5.3	3.4	2.4	1.1
1996	2.3	4.7	5.7	6.2	6.5	5.8	4.9	4.1	2.5	1.0
1995	2.3	4.9	5.2	6.2	7.1	6.1	4.9	3.8	2.6	1.0
1994	2.4	4.5	5.8	6.4	7.1	6.4	5.5	4.0	2.3	1.5
1993	2.3	4.0	5.5	6.8	7.2	6.5	5.1	3.8	2.1	*
1992	2.4	4.2	6.0	6.6	7.2	6.5	5.2	3.5	2.5	1.6
1991	2.5	4.6	6.0	6.5	7.4	6.8	5.5	4.1	2.5	1.3
1990	2.6	5.0	5.8	7.8	7.1	7.6	6.0	3.9	2.7	0.9
1989	2.6	5.2	7.0	8.0	8.3	7.5	4.9	3.5	2.3	1.1
1988	2.6	5.0	6.7	7.6	9.1	6.5	4.8	3.9	2.1	*
1987	2.4	5.1	6.4	7.6	7.2	6.4	4.7	3.3	2.2	1.1
1986	2.5	4.7	7.2	7.2	8.4	6.9	5.4	3.6	1.8	*
1985	2.6	5.5	7.2	7.8	7.7	7.7	5.1	2.7	1.9	*
1984	2.7	5.5	7.7	8.5	8.6	8.0	5.4	3.7	2.3	*
1983	2.7	5.9	7.9	8.9	8.4	7.4	5.3	3.7	1.9	*
1982	2.8	6.0	8.2	9.0	8.4	7.9	4.9	3.3	2.0	*
1981	3.1	7.2	9.9	10.0	9.3	7.7	5.5	3.2	1.4	1.2
1980	3.3	8.1	10.3	10.3	9.5	8.6	5.5	3.1	2.2	*
1979	3.3	7.5	11.0	11.0	9.3	8.3	5.1	2.7	1.2	*
Alcoholic liver disease (571.0-571.3)										
White, both sexes										
1998	4.4	9.0	10.1	11.3	12.7	12.6	10.5	7.3	4.7	2.7
1997	4.5	9.5	10.5	11.6	13.6	12.2	10.2	7.0	4.4	2.6
1996	4.5	9.4	10.9	12.3	13.4	11.7	9.8	7.7	5.8	2.7
1995	4.6	9.4	10.6	11.8	14.2	12.6	10.7	7.6	5.5	2.4
1994	4.6	8.4	10.7	12.3	14.5	13.6	10.8	7.7	5.0	2.7
1993	4.4	8.3	10.4	12.8	14.1	12.8	10.5	7.4	5.0	2.0
1992	4.5	8.1	10.8	13.4	14.4	13.2	10.7	7.1	5.3	2.8
1991	4.4	8.3	10.4	12.8	14.8	12.6	10.9	8.2	5.6	2.3
1990	4.5	8.5	10.4	13.6	14.8	13.9	11.3	8.0	5.2	2.5
1989	4.7	8.8	11.9	14.7	15.0	14.1	10.9	8.2	5.4	2.2
1988	4.5	8.2	11.5	14.0	15.6	13.3	10.5	7.4	4.6	1.9
1987	4.3	8.3	11.2	14.4	14.3	12.8	9.9	7.0	4.6	2.2
1986	4.3	8.1	11.3	13.3	14.4	13.9	10.8	7.3	3.6	2.2
1985	4.4	8.5	11.7	13.9	15.3	14.0	10.2	7.1	4.5	1.1
1984	4.5	9.3	12.0	14.6	15.2	14.4	11.1	7.8	4.5	1.9
1983	4.5	9.2	12.5	14.6	15.4	14.3	10.5	7.4	4.0	1.4
1982	4.6	9.3	13.4	15.2	15.4	15.3	10.3	6.5	4.4	1.4
1981	4.9	10.2	14.8	16.3	16.2	15.7	10.9	7.3	3.5	2.5
1980	5.2	11.8	15.2	16.7	17.7	16.6	11.6	7.3	3.4	2.4
1979	5.1	11.5	15.1	16.8	17.4	16.1	11.5	5.9	3.8	1.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alcoholic liver disease (571.0-571.3)										
White, male										
1998	6.6	14.0	16.0	17.8	20.6	19.8	17.5	12.4	8.5	7.2
1997	6.8	14.8	16.4	18.1	21.4	19.8	16.7	12.2	7.9	6.8
1996	6.8	14.6	16.9	19.1	21.5	18.8	16.4	12.7	11.4	7.0
1995	7.0	14.4	17.1	18.7	22.5	20.4	18.1	13.1	10.8	6.1
1994	7.0	12.9	16.5	19.2	22.9	22.7	17.9	13.3	10.0	6.1
1993	6.7	13.2	16.2	19.5	21.7	20.7	17.4	12.7	10.3	5.7
1992	6.9	12.7	16.5	21.4	22.8	21.8	18.1	12.6	10.4	6.3
1991	6.7	12.8	16.0	20.1	23.3	20.3	18.5	14.8	11.6	5.4
1990	6.9	13.0	15.8	20.9	24.0	21.8	18.1	14.6	10.4	6.7
1989	7.1	13.5	18.2	22.8	23.3	22.7	19.1	15.5	11.2	4.9
1988	6.8	12.6	17.6	21.5	23.7	22.0	18.4	13.1	10.0	5.1
1987	6.5	12.4	17.3	22.5	22.7	20.6	17.2	12.9	9.7	4.9
1986	6.4	12.5	16.4	20.4	21.7	22.7	18.4	12.9	7.4	5.5
1985	6.5	12.7	17.1	21.5	24.4	22.1	17.4	14.0	9.7	*
1984	6.7	13.8	17.3	22.3	23.7	22.3	19.4	14.4	8.5	4.9
1983	6.6	13.4	18.2	22.0	23.7	23.1	17.9	13.3	8.0	3.9
1982	6.8	13.5	19.7	22.9	23.5	24.6	17.8	11.6	9.2	3.5
1981	7.2	14.4	21.2	24.3	24.5	25.7	18.5	13.8	7.5	5.8
1980	7.7	17.6	21.7	24.9	27.7	27.0	19.8	14.1	5.9	5.3
1979	7.5	16.9	21.1	24.1	27.1	26.2	20.2	11.0	8.6	*
Alcoholic liver disease (571.0-571.3)										
White, female										
1998	2.2	4.1	4.4	5.1	5.4	6.3	5.0	3.8	2.4	0.9
1997	2.3	4.1	4.7	5.6	6.5	5.8	5.1	3.4	2.4	1.0
1996	2.3	4.3	5.0	5.8	6.0	5.7	4.6	4.3	2.5	1.0
1995	2.2	4.5	4.4	5.3	6.6	6.0	4.9	3.8	2.5	1.0
1994	2.3	3.9	5.2	5.9	6.8	6.0	5.3	3.9	2.2	1.4
1993	2.2	3.5	4.8	6.6	7.2	6.3	5.1	3.8	2.1	*
1992	2.2	3.6	5.2	6.0	6.8	6.1	5.1	3.5	2.5	1.5
1991	2.2	3.9	4.9	6.0	7.2	6.2	5.2	3.9	2.4	1.2
1990	2.3	4.0	5.1	6.8	6.6	7.4	6.1	3.8	2.5	*
1989	2.3	4.2	6.0	7.1	7.7	7.1	4.8	3.5	2.4	1.1
1988	2.3	3.8	5.8	7.1	8.5	6.2	4.6	3.8	1.8	*
1987	2.2	4.2	5.4	7.0	6.9	6.3	4.6	3.3	2.0	1.1
1986	2.3	3.9	6.4	6.7	8.0	6.7	5.3	3.7	1.7	*
1985	2.3	4.4	6.4	7.0	7.3	7.3	5.0	2.7	1.8	*
1984	2.4	4.9	7.0	7.7	7.8	7.9	5.1	3.7	2.3	*
1983	2.5	5.0	7.2	8.0	8.2	7.1	5.2	3.7	1.9	*
1982	2.5	5.2	7.5	8.4	8.2	7.7	4.9	3.3	1.9	*
1981	2.8	6.1	8.8	9.1	8.9	7.6	5.5	3.3	1.4	*
1980	2.9	6.2	9.1	9.4	9.1	8.3	5.7	3.0	2.1	*
1979	2.9	6.3	9.5	10.2	9.0	8.0	5.2	2.7	1.3	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alcoholic liver disease (571.0-571.3)										
All other, both sexes										
1998	3.8	10.6	12.5	13.8	14.2	11.5	9.4	4.9	5.3	*
1997	3.9	12.0	12.6	13.4	15.3	10.2	11.4	5.8	5.1	*
1996	4.3	12.4	14.3	14.6	17.0	12.5	10.6	6.4	*	*
1995	4.7	12.6	16.6	18.5	16.8	12.8	13.2	5.1	5.7	*
1994	5.0	15.7	17.4	17.4	15.7	18.0	13.2	7.6	*	*
1993	4.8	13.5	16.0	15.5	15.1	14.5	11.1	7.3	*	*
1992	5.3	15.8	16.4	20.8	17.7	18.2	12.3	6.1	6.3	*
1991	5.5	15.5	18.1	19.1	17.4	19.7	11.2	8.6	*	*
1990	6.3	20.0	19.5	23.7	20.3	15.3	12.3	7.9	7.6	*
1989	6.7	19.6	21.1	24.7	22.2	17.8	13.4	6.6	6.3	*
1988	6.7	20.0	22.7	21.7	22.8	16.7	11.5	9.6	7.5	*
1987	6.4	19.7	21.2	22.1	19.1	15.4	9.5	7.4	6.8	*
1986	6.2	16.1	23.1	19.0	20.5	15.9	11.8	7.9	*	*
1985	6.9	20.4	22.6	25.0	20.3	17.8	11.4	5.0	*	*
1984	6.6	18.2	21.9	24.0	20.6	16.1	11.5	8.1	*	*
1983	6.2	18.6	21.9	22.2	18.0	16.5	10.5	5.9	*	*
1982	6.3	18.7	23.7	21.6	19.7	14.9	10.6	6.1	*	*
1981	7.4	23.5	29.0	25.2	21.4	17.3	9.7	8.0	*	*
1980	8.6	30.1	30.7	27.6	23.8	20.2	10.2	7.5	*	*
1979	8.4	27.7	32.9	29.4	22.3	18.8	11.1	5.7	*	*
Alcoholic liver disease (571.0-571.3)										
All other, male										
1998	5.5	15.4	20.4	23.1	23.7	18.7	18.9	8.5	*	*
1997	5.5	18.1	18.2	21.4	25.7	18.0	17.8	8.8	*	*
1996	6.1	19.3	20.4	22.0	27.0	20.3	16.1	12.6	*	*
1995	6.7	19.1	25.1	27.2	25.9	20.7	24.7	*	*	*
1994	7.1	25.1	26.9	26.8	24.5	29.6	22.1	11.2	*	*
1993	6.9	21.4	24.1	24.1	25.8	22.9	20.5	12.4	*	*
1992	7.7	25.1	23.6	33.3	27.5	30.0	22.1	9.5	*	*
1991	7.6	24.0	24.9	31.0	28.8	31.2	15.8	13.2	*	*
1990	8.8	30.4	31.1	35.3	32.2	23.0	22.9	13.4	*	*
1989	9.5	29.5	30.3	38.3	34.5	27.6	24.1	10.8	*	*
1988	9.4	29.7	34.9	35.1	34.6	27.1	19.3	17.4	*	*
1987	9.4	30.5	32.0	34.4	31.3	27.2	16.0	14.0	*	*
1986	8.9	23.7	36.3	29.4	32.9	25.5	19.1	15.7	*	*
1985	9.8	30.1	35.3	39.1	31.6	26.8	20.3	*	*	*
1984	9.1	28.5	33.2	36.3	27.5	26.0	16.2	14.9	*	*
1983	8.6	27.1	33.0	30.7	27.7	26.1	16.7	10.2	*	*
1982	8.8	27.1	36.7	30.8	32.0	21.8	18.0	11.5	*	*
1981	10.3	34.4	43.0	35.1	32.8	28.4	15.5	16.1	*	*
1980	12.0	42.0	45.9	39.5	36.6	32.4	18.5	12.3	*	*
1979	11.7	42.0	46.6	43.2	35.2	28.9	20.5	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alcoholic liver disease (571.0-571.3)										
All other, female										
1998	2.2	6.5	5.8	6.0	6.6	6.1	*	*	*	*
1997	2.5	6.7	7.8	6.7	7.1	4.4	7.0	*	*	*
1996	2.7	6.6	9.1	8.4	9.0	6.6	6.8	*	*	*
1995	2.8	6.9	9.4	11.4	9.6	6.9	5.3	*	*	*
1994	3.1	7.5	9.2	9.7	8.8	9.4	7.1	5.4	*	*
1993	2.9	6.6	9.1	8.4	6.9	8.4	4.6	*	*	*
1992	3.2	7.7	10.3	10.6	10.2	9.5	5.5	*	*	*
1991	3.7	8.2	12.3	9.5	8.6	11.2	8.0	5.7	*	*
1990	4.0	11.0	9.7	14.4	11.3	9.6	5.1	*	*	*
1989	4.1	11.0	13.2	13.7	12.7	10.5	6.1	*	*	*
1988	4.1	11.7	12.4	11.1	13.6	8.9	6.2	*	*	*
1987	3.7	10.4	12.2	12.2	9.7	6.6	5.1	*	*	*
1986	3.8	9.5	12.1	10.7	10.8	8.7	6.8	*	*	*
1985	4.2	12.0	12.1	13.6	11.4	11.1	5.3	*	*	*
1984	4.2	9.4	12.5	14.0	15.3	8.7	8.2	*	*	*
1983	4.1	11.3	12.9	15.3	10.4	9.2	6.0	*	*	*
1982	4.1	11.5	13.1	14.0	9.9	9.7	5.2	*	*	*
1981	4.8	14.3	17.7	17.1	12.3	8.9	5.4	*	*	*
1980	5.5	20.2	18.4	17.9	13.6	10.9	*	*	*	*
1979	5.4	15.9	21.7	17.9	11.9	11.0	*	*	*	*
Alcoholic liver disease (571.0-571.3)										
Black, both sexes										
1998	4.0	12.0	13.7	15.2	15.8	12.1	10.6	5.0	*	*
1997	4.3	14.1	13.8	15.5	18.3	11.3	13.4	6.1	*	*
1996	4.8	14.5	17.2	16.6	18.8	14.5	12.2	6.8	*	*
1995	5.1	14.9	18.8	19.4	19.8	14.5	15.4	5.5	*	*
1994	5.6	18.7	20.0	19.9	17.8	20.6	15.0	8.6	*	*
1993	5.4	15.6	19.0	18.6	17.5	17.5	12.4	7.7	*	*
1992	6.0	18.6	18.1	23.7	20.4	20.3	13.6	6.5	*	*
1991	6.3	18.1	20.9	21.4	19.8	22.4	12.0	9.2	*	*
1990	7.2	23.6	23.0	28.2	23.1	17.1	13.8	8.3	8.0	*
1989	7.5	22.8	23.7	27.4	25.5	18.9	14.2	7.1	*	*
1988	7.5	22.8	25.9	24.1	25.8	18.2	12.4	10.8	*	*
1987	7.4	23.0	25.0	24.5	21.4	17.1	10.9	8.2	*	*
1986	7.1	18.8	26.2	22.1	22.9	17.8	12.7	8.6	*	*
1985	7.8	24.1	25.6	27.9	22.7	19.7	12.3	5.0	*	*
1984	7.3	20.0	24.4	27.2	23.5	16.8	11.8	8.3	*	*
1983	6.8	19.7	25.0	24.8	19.4	16.7	11.2	5.4	*	*
1982	6.9	20.9	25.3	23.5	21.8	16.0	10.9	6.5	*	*
1981	8.0	26.1	31.6	27.3	22.6	18.0	10.2	8.0	*	*
1980	9.0	32.2	32.8	30.4	25.2	20.8	9.9	7.2	*	*
1979	8.7	29.7	35.3	30.6	23.5	19.0	12.0	5.6	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Alcoholic liver disease (571.0-571.3)										
Black, male										
1998	5.9	18.1	23.3	26.0	27.1	18.9	21.5	*	*	*
1997	6.1	21.8	20.3	25.2	31.9	20.1	20.9	*	*	*
1996	6.9	22.9	25.7	25.4	30.3	23.7	18.3	14.6	*	*
1995	7.4	23.7	29.2	28.9	30.8	23.7	29.4	*	*	*
1994	8.2	30.5	32.4	30.8	28.0	35.0	25.5	12.4	*	*
1993	8.0	24.8	30.1	29.6	30.5	27.1	23.3	14.3	*	*
1992	8.8	30.0	26.8	38.6	32.8	33.2	24.9	*	*	*
1991	8.8	28.7	29.7	35.3	32.7	35.7	16.4	14.5	*	*
1990	10.4	37.2	37.5	43.7	36.8	26.3	26.1	14.0	*	*
1989	11.0	35.5	35.8	43.7	40.6	30.3	26.6	11.8	*	*
1988	10.9	35.1	41.4	39.1	39.7	29.0	20.4	20.3	*	*
1987	11.0	37.0	38.2	38.9	36.2	30.8	18.5	16.0	*	*
1986	10.3	28.1	42.4	33.6	37.1	28.9	20.2	18.0	*	*
1985	11.3	36.4	40.5	44.4	36.3	29.5	22.8	*	*	*
1984	10.2	32.7	36.2	41.0	32.1	26.7	16.7	16.2	*	*
1983	9.5	29.6	37.9	34.5	30.0	27.5	17.6	*	*	*
1982	9.7	30.8	39.7	34.3	35.3	23.1	18.6	13.0	*	*
1981	11.3	39.1	48.3	38.6	34.4	29.7	15.9	17.1	*	*
1980	12.7	45.6	49.0	43.6	38.6	33.7	18.3	*	*	*
1979	12.4	45.2	51.0	45.2	37.9	29.6	22.6	*	*	*
Alcoholic liver disease (571.0-571.3)										
Black, female										
1998	2.2	6.8	5.7	6.4	7.0	7.1	*	*	*	*
1997	2.7	7.5	8.4	7.7	7.7	4.8	8.4	*	*	*
1996	2.9	7.3	10.1	9.5	9.9	7.7	8.2	*	*	*
1995	3.1	7.5	10.1	11.8	11.2	7.7	6.2	*	*	*
1994	3.3	8.8	9.8	11.1	9.9	9.9	8.1	6.3	*	*
1993	3.1	7.9	9.7	9.8	7.5	10.4	5.1	*	*	*
1992	3.5	9.0	10.9	11.8	10.9	10.9	6.1	*	*	*
1991	4.1	9.2	13.8	10.4	9.9	12.8	9.1	*	*	*
1990	4.4	12.2	11.1	16.0	12.6	10.4	5.7	*	*	*
1989	4.3	12.2	13.8	14.5	14.1	10.8	6.0	*	*	*
1988	4.5	12.4	13.1	12.2	15.3	10.3	7.1	*	*	*
1987	4.2	11.3	14.1	13.0	10.1	7.1	5.8	*	*	*
1986	4.2	11.0	12.9	12.8	12.0	9.6	7.7	*	*	*
1985	4.7	13.9	13.4	14.5	12.1	12.6	5.4	*	*	*
1984	4.6	9.4	14.6	16.0	16.9	9.4	8.4	*	*	*
1983	4.4	11.6	14.5	16.9	11.2	8.8	6.9	*	*	*
1982	4.5	12.7	13.6	14.8	11.2	10.8	5.7	*	*	*
1981	5.0	15.3	18.1	18.1	13.3	9.3	6.1	*	*	*
1980	5.7	21.2	19.8	19.6	14.6	11.2	*	*	*	*
1979	5.4	16.9	22.6	18.6	12.0	11.1	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic liver disease and cirrhosis (571.4-571.9)										
All races, both sexes										
1998	4.9	6.2	6.8	9.4	12.4	16.3	22.0	24.5	24.9	19.4
1997	4.9	5.6	6.9	9.2	13.0	17.7	22.3	23.9	24.3	20.1
1996	4.8	5.4	6.9	9.7	13.4	17.3	22.0	23.4	24.0	18.5
1995	4.9	5.3	7.0	9.6	13.6	17.6	21.6	24.6	24.4	20.1
1994	5.0	5.3	7.5	10.6	14.2	18.5	21.9	23.3	25.4	19.8
1993	5.2	5.3	7.5	11.2	14.9	18.9	22.9	25.1	27.5	19.4
1992	5.2	5.2	7.8	10.7	15.1	20.6	22.4	24.9	27.7	20.9
1991	5.4	5.9	8.2	11.6	17.0	20.2	23.6	26.5	25.8	20.5
1990	5.6	6.1	8.5	12.5	16.9	20.8	23.6	26.6	27.9	20.9
1989	5.8	6.1	9.3	13.5	18.3	21.8	25.2	27.4	26.0	21.5
1988	6.0	7.2	10.3	14.2	19.3	21.7	25.2	25.9	24.9	18.4
1987	6.2	7.0	10.9	15.0	19.9	22.5	25.7	27.3	24.3	18.9
1986	6.3	7.7	11.5	15.9	20.3	23.2	27.2	26.3	23.5	19.0
1985	6.5	8.6	12.6	16.6	20.6	24.6	26.1	26.4	26.4	18.7
1984	6.8	9.0	14.0	17.6	21.6	26.4	26.7	26.9	25.5	17.0
1983	6.9	10.2	14.4	18.7	23.1	25.1	27.0	25.7	25.6	17.4
1982	7.1	10.5	14.9	19.5	23.0	26.5	27.7	26.1	24.7	16.5
1981	7.5	11.5	16.4	20.2	24.8	28.9	28.7	25.8	24.1	18.3
1980	7.8	12.3	18.2	21.9	25.6	28.8	28.0	25.9	22.9	17.4
1979	7.6	12.9	18.3	20.7	25.5	27.6	27.4	24.5	21.2	16.2
Other chronic liver disease and cirrhosis (571.4-571.9)										
All races, male										
1998	5.7	9.6	9.6	12.8	16.2	19.6	24.7	27.1	29.6	26.8
1997	5.6	8.4	10.0	12.5	16.9	20.9	25.3	27.5	29.9	24.6
1996	5.7	8.1	9.9	13.4	17.1	21.5	25.2	27.1	30.0	23.9
1995	5.8	8.0	9.8	12.4	17.6	21.8	26.8	28.6	29.6	28.2
1994	5.9	7.7	10.1	14.8	18.5	23.1	24.7	26.9	33.8	26.6
1993	6.1	7.6	10.4	15.2	18.7	23.4	27.4	29.0	34.4	28.3
1992	6.2	7.6	10.8	14.3	19.5	25.4	26.8	31.1	36.7	30.0
1991	6.3	8.3	11.1	15.7	21.9	25.2	27.0	31.3	34.4	28.8
1990	6.6	8.9	11.7	16.6	21.6	26.0	29.6	32.2	36.7	29.6
1989	6.9	8.5	13.2	17.4	23.8	27.0	30.9	33.8	32.3	31.3
1988	7.3	10.3	14.3	19.4	25.7	27.7	31.7	31.2	32.3	29.4
1987	7.5	9.9	15.2	20.4	26.5	28.6	32.8	35.5	30.5	29.2
1986	7.6	10.7	15.1	21.9	25.6	29.8	35.1	34.2	30.7	28.5
1985	7.9	11.6	17.0	21.6	28.0	32.0	34.4	32.9	34.0	26.1
1984	8.2	12.3	18.3	23.2	28.7	35.6	34.6	36.3	31.7	25.3
1983	8.5	13.7	18.9	25.1	30.2	34.6	36.1	34.2	35.5	24.2
1982	8.8	14.3	20.8	25.4	31.1	35.5	38.3	33.6	33.9	25.4
1981	9.3	15.1	21.9	27.0	33.3	39.5	38.4	35.9	32.6	28.2
1980	9.7	16.2	24.2	28.9	34.7	38.7	39.1	34.6	32.5	26.4
1979	9.7	16.9	24.7	27.5	35.0	38.8	37.9	34.1	29.2	24.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic liver disease and cirrhosis (571.4-571.9)										
All races, female										
1998	4.1	3.0	4.1	6.2	9.0	13.4	19.8	22.7	22.2	16.5
1997	4.1	2.9	3.9	6.1	9.6	15.0	19.9	21.4	21.0	18.3
1996	4.0	2.8	4.0	6.3	10.0	13.7	19.5	20.9	20.5	16.4
1995	4.1	2.7	4.4	7.0	10.1	14.0	17.7	22.0	21.5	17.0
1994	4.2	2.9	5.1	6.8	10.3	14.6	19.8	20.9	20.8	17.2
1993	4.4	3.1	4.7	7.5	11.5	15.2	19.4	22.5	23.8	16.0
1992	4.3	3.0	5.0	7.4	11.3	16.7	19.1	20.8	22.8	17.4
1991	4.6	3.7	5.4	7.9	12.7	16.2	21.0	23.4	21.2	17.3
1990	4.6	3.4	5.5	8.8	12.8	16.5	19.1	23.0	23.3	17.5
1989	4.8	3.8	5.5	9.9	13.6	17.5	21.1	23.3	22.7	17.7
1988	4.7	4.2	6.6	9.4	13.8	16.8	20.3	22.5	21.1	14.2
1987	4.9	4.3	6.9	10.1	14.3	17.5	20.6	22.1	21.1	14.9
1986	5.1	4.9	8.0	10.5	15.7	17.9	21.4	21.3	19.6	15.2
1985	5.2	5.7	8.6	12.0	14.2	18.6	20.1	22.4	22.3	15.7
1984	5.3	5.9	9.9	12.6	15.4	19.0	21.0	21.1	22.2	13.6
1983	5.4	6.8	10.2	13.1	16.9	17.4	20.4	20.4	20.3	14.7
1982	5.4	7.0	9.5	14.2	15.9	19.2	20.1	21.5	19.9	12.7
1981	5.8	8.1	11.3	14.1	17.4	20.4	21.6	19.4	19.6	14.0
1980	6.0	8.6	12.6	15.6	17.7	21.0	20.0	20.4	17.7	13.5
1979	5.7	9.2	12.5	14.6	17.2	18.6	19.9	18.5	16.9	12.3
Other chronic liver disease and cirrhosis (571.4-571.9)										
White, both sexes										
1998	5.2	5.8	6.6	9.3	12.5	16.7	23.0	25.9	25.9	20.2
1997	5.2	5.1	6.6	8.8	13.1	18.0	23.1	24.9	25.5	21.1
1996	5.1	5.1	6.5	9.3	13.5	17.7	22.5	24.5	24.9	19.0
1995	5.2	4.9	6.6	9.0	13.8	18.0	22.6	25.6	24.9	20.7
1994	5.3	4.8	7.1	10.5	14.1	18.8	22.6	24.1	26.4	20.3
1993	5.5	4.8	7.1	11.0	14.7	19.1	23.5	25.8	28.6	20.2
1992	5.5	4.8	7.3	10.3	15.2	20.5	22.9	25.9	28.4	21.6
1991	5.7	5.4	7.7	11.2	16.9	20.5	24.1	27.8	26.6	21.2
1990	5.7	5.5	8.0	11.8	16.7	21.2	24.0	27.4	28.6	21.6
1989	6.0	5.5	8.8	12.9	18.4	21.9	25.8	28.2	27.1	22.2
1988	6.2	6.6	9.6	13.8	19.2	22.1	25.6	26.7	25.7	19.3
1987	6.3	6.3	9.9	14.4	20.0	22.8	26.6	28.3	25.5	19.7
1986	6.5	7.1	10.7	15.6	20.5	23.7	28.1	27.2	24.4	19.8
1985	6.6	7.6	12.1	16.1	20.5	24.8	26.8	27.0	27.0	19.4
1984	6.9	8.1	13.4	17.1	21.6	26.8	27.4	27.8	26.1	17.8
1983	7.0	9.2	13.5	18.2	22.7	25.4	27.9	26.9	26.6	18.5
1982	7.2	9.5	14.0	19.3	23.0	27.2	28.6	27.1	25.6	17.1
1981	7.5	10.4	15.2	19.8	24.7	29.3	29.1	26.7	25.0	19.0
1980	7.7	10.8	17.1	21.0	25.1	29.3	28.5	26.8	23.8	18.1
1979	7.6	11.5	17.0	19.9	25.5	28.1	28.0	25.3	21.5	16.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic liver disease and cirrhosis (571.4-571.9)										
White, male										
1998	6.0	9.0	9.4	12.5	16.1	19.5	25.7	28.7	30.8	27.5
1997	5.9	7.5	9.6	11.8	17.0	21.1	26.4	28.8	31.4	25.5
1996	6.0	7.7	9.2	12.8	17.2	21.9	25.6	28.3	30.8	24.9
1995	6.0	7.4	9.2	11.6	17.8	22.6	27.7	29.8	30.8	29.3
1994	6.1	6.9	9.6	14.4	18.5	23.7	25.6	27.8	34.5	27.2
1993	6.3	6.9	9.8	15.0	18.6	23.6	27.8	29.9	36.2	30.2
1992	6.4	6.9	10.1	14.1	19.4	25.2	27.2	31.9	37.6	31.3
1991	6.6	7.7	10.4	14.9	21.9	25.6	27.7	32.8	35.9	30.1
1990	6.7	8.0	11.1	15.7	21.2	26.6	30.3	33.4	37.7	30.7
1989	7.1	7.7	12.4	16.6	24.1	27.0	31.8	34.7	33.7	32.0
1988	7.5	9.5	13.5	18.8	26.0	28.4	32.6	32.4	34.0	31.5
1987	7.6	8.8	14.0	19.7	26.6	29.1	33.7	36.7	32.2	30.5
1986	7.8	9.8	14.5	21.3	26.0	30.5	36.4	35.5	31.8	29.8
1985	8.0	10.3	16.2	21.0	27.6	32.0	35.6	34.1	35.4	27.3
1984	8.4	11.1	17.3	22.6	28.7	36.0	35.5	37.5	32.9	27.0
1983	8.6	12.6	17.8	24.1	29.7	34.9	37.4	35.9	37.6	26.2
1982	9.0	13.0	19.7	25.3	30.9	36.7	39.8	34.8	35.4	27.1
1981	9.4	13.7	20.2	26.5	33.2	40.4	39.2	37.9	33.9	29.7
1980	9.6	14.1	22.6	28.0	33.9	39.4	40.2	36.1	33.9	27.9
1979	9.6	14.9	22.5	26.1	35.3	40.0	38.5	35.7	29.8	25.4
Other chronic liver disease and cirrhosis (571.4-571.9)										
White, female										
1998	4.5	2.6	3.9	6.2	9.3	14.2	20.9	23.9	23.0	17.4
1997	4.4	2.6	3.7	6.0	9.5	15.3	20.5	22.3	22.1	19.4
1996	4.3	2.6	3.9	6.1	10.2	14.1	20.0	21.8	21.5	16.7
1995	4.3	2.4	4.1	6.6	10.1	14.1	18.6	22.7	21.6	17.4
1994	4.4	2.7	4.7	6.7	10.0	14.7	20.3	21.6	22.0	17.7
1993	4.6	2.8	4.4	7.2	11.2	15.3	20.2	23.0	24.4	16.4
1992	4.6	2.7	4.7	6.8	11.4	16.6	19.6	21.9	23.5	17.9
1991	4.8	3.1	5.1	7.7	12.5	16.2	21.4	24.6	21.6	17.9
1990	4.8	3.0	5.1	8.2	12.7	16.8	19.3	23.6	23.9	18.2
1989	5.0	3.4	5.3	9.5	13.3	17.7	21.4	24.1	23.7	18.5
1988	4.9	3.7	5.9	9.2	13.3	16.8	20.5	23.0	21.3	14.6
1987	5.0	3.9	6.0	9.6	14.3	17.5	21.3	23.0	22.1	15.6
1986	5.2	4.5	7.1	10.3	15.6	18.1	22.0	22.0	20.5	15.8
1985	5.3	5.0	8.1	11.7	14.2	18.9	20.3	22.6	22.7	16.3
1984	5.5	5.2	9.6	12.1	15.3	19.4	21.5	21.7	22.5	14.2
1983	5.5	6.0	9.5	12.9	16.5	17.6	21.0	21.3	20.8	15.4
1982	5.5	6.2	8.7	13.9	16.0	19.5	20.6	22.3	20.4	13.0
1981	5.8	7.2	10.5	13.8	17.2	20.3	21.8	19.8	20.3	14.5
1980	5.9	7.5	12.0	14.7	17.5	21.2	20.1	21.0	18.4	13.9
1979	5.7	8.1	11.9	14.2	17.0	18.6	20.4	18.8	17.1	12.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic liver disease and cirrhosis (571.4-571.9)										
All other, both sexes										
1998	3.2	8.3	7.8	10.1	11.6	13.3	13.6	12.4	15.2	11.5
1997	3.3	8.4	8.5	11.5	12.9	15.8	15.4	14.5	11.7	10.0
1996	3.4	6.9	8.7	11.9	12.1	14.5	17.6	13.7	14.7	13.2
1995	3.6	7.7	9.5	12.9	12.8	14.5	13.2	15.7	19.2	14.4
1994	3.7	8.3	10.2	11.6	15.0	15.7	15.8	15.4	14.9	15.1
1993	4.0	8.3	10.1	12.5	16.0	17.2	17.7	18.4	16.7	11.1
1992	4.0	8.0	10.5	13.1	14.8	21.4	18.3	15.4	20.0	14.0
1991	4.2	9.4	11.1	14.6	17.5	18.4	18.8	13.9	17.7	12.6
1990	4.6	9.9	11.4	17.4	18.3	16.7	19.9	19.3	20.7	12.7
1989	4.7	9.5	12.4	17.3	17.7	20.8	20.2	19.2	14.4	14.5
1988	5.0	11.1	14.9	16.7	20.0	18.8	20.8	18.6	17.5	9.7
1987	5.4	11.4	17.5	19.0	19.4	20.4	18.1	17.8	11.7	10.0
1986	5.3	11.4	16.5	18.6	18.6	19.3	19.0	17.6	13.8	10.4
1985	5.9	14.5	16.6	19.8	21.8	22.6	20.0	20.6	19.0	11.2
1984	6.0	14.9	18.2	22.0	21.3	22.6	19.9	18.8	18.7	*
1983	6.4	16.4	20.4	23.0	26.8	22.8	18.5	13.6	14.1	*
1982	6.4	17.2	21.3	21.2	22.9	20.0	19.2	16.6	15.1	*
1981	7.4	19.2	25.0	23.5	26.0	25.2	24.7	16.5	14.1	*
1980	8.3	23.0	26.6	29.0	29.5	24.4	22.8	16.5	12.2	*
1979	8.1	23.0	28.8	27.6	24.8	23.0	22.1	17.3	17.9	*
Other chronic liver disease and cirrhosis (571.4-571.9)										
All other, male										
1998	4.1	12.5	10.8	14.6	16.7	20.0	16.6	12.3	16.6	19.9
1997	4.2	13.2	12.6	16.9	16.1	19.7	16.0	15.8	14.2	*
1996	4.2	10.2	13.9	17.0	16.2	18.6	20.8	15.3	22.2	*
1995	4.4	11.4	13.8	17.2	16.8	16.0	18.0	16.8	17.0	*
1994	4.5	12.9	13.5	17.2	18.5	18.1	16.4	17.5	26.0	20.9
1993	4.9	11.9	14.2	16.9	19.3	21.4	23.8	19.7	16.3	*
1992	5.0	12.3	15.1	15.7	20.2	27.1	23.0	22.9	27.7	*
1991	4.9	12.3	15.9	20.8	21.9	21.8	20.0	16.3	18.9	*
1990	5.6	14.5	15.7	23.2	24.7	21.1	22.9	21.0	27.5	*
1989	5.9	13.5	18.7	23.5	20.8	27.4	22.5	25.2	18.2	24.7
1988	6.0	15.6	19.4	23.5	23.4	21.5	23.8	19.2	*	*
1987	6.7	17.1	23.9	26.0	25.2	24.0	23.8	24.2	*	*
1986	6.5	16.3	19.6	26.5	21.7	24.0	22.7	21.9	19.4	*
1985	7.3	20.1	22.2	26.7	31.2	31.9	23.0	21.8	20.2	*
1984	7.5	20.7	25.4	28.6	28.7	31.4	26.0	24.8	19.8	*
1983	7.9	21.9	27.5	33.3	34.9	31.6	23.9	18.3	*	*
1982	7.9	23.5	29.1	27.0	32.6	24.4	24.2	22.0	*	*
1981	9.1	25.2	35.5	31.7	34.8	30.9	31.4	18.3	*	*
1980	10.3	32.2	37.8	37.1	41.7	31.6	28.7	20.7	*	*
1979	10.6	31.6	43.7	39.9	32.2	28.2	31.8	20.1	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic liver disease and cirrhosis (571.4-571.9)										
All other, female										
1998	2.4	4.7	5.2	6.3	7.5	8.3	11.5	12.4	14.4	8.0
1997	2.6	4.3	4.9	7.0	10.4	13.0	15.0	13.7	10.4	*
1996	2.6	4.2	4.2	7.6	8.9	11.5	15.5	12.7	10.7	12.7
1995	2.9	4.5	5.8	9.3	9.7	13.5	9.9	15.0	20.4	12.8
1994	3.0	4.4	7.5	7.1	12.3	13.9	15.3	14.1	8.9	12.6
1993	3.3	5.2	6.6	8.9	13.4	14.0	13.4	17.6	17.0	11.7
1992	3.1	4.3	6.6	11.0	10.7	17.2	15.0	10.9	15.7	12.3
1991	3.6	6.9	7.1	9.5	14.2	15.8	18.0	12.5	17.0	10.9
1990	3.7	5.8	7.8	12.8	13.4	13.5	17.9	18.3	16.9	*
1989	3.7	6.1	7.1	12.3	15.3	15.9	18.6	15.5	12.3	*
1988	4.2	7.1	11.2	11.2	17.3	16.9	18.7	18.2	18.6	*
1987	4.2	6.5	12.1	13.4	14.9	17.7	14.3	13.7	10.7	*
1986	4.3	7.2	13.9	12.3	16.2	15.8	16.5	14.8	10.6	*
1985	4.6	9.7	12.0	14.2	14.5	15.7	17.9	19.7	18.3	*
1984	4.6	9.9	12.2	16.6	15.6	16.0	15.7	14.8	18.0	*
1983	5.0	11.8	14.6	14.5	20.5	16.2	14.7	10.5	14.5	*
1982	5.0	11.9	14.9	16.5	15.2	16.8	15.5	13.0	13.4	*
1981	5.8	14.2	16.6	16.6	19.0	20.9	19.6	15.3	*	*
1980	6.4	15.4	17.5	22.4	19.7	18.9	18.4	13.7	*	*
1979	5.9	16.0	16.6	17.4	18.9	19.0	14.7	15.1	15.2	*
Other chronic liver disease and cirrhosis (571.4-571.9)										
Black, both sexes										
1998	3.6	10.3	9.4	12.0	12.5	14.9	15.0	12.1	14.2	8.8
1997	3.8	10.4	10.4	13.7	15.0	16.7	14.8	14.7	10.1	10.5
1996	3.8	9.0	10.4	13.5	13.5	16.1	18.5	11.7	10.0	10.8
1995	4.0	9.7	11.5	14.5	13.8	15.4	12.7	14.4	16.5	14.0
1994	4.1	10.1	11.8	13.2	16.0	16.4	15.3	14.4	12.7	12.7
1993	4.5	9.9	12.3	14.0	17.1	17.5	18.2	18.4	13.4	9.7
1992	4.4	10.1	12.0	13.7	15.9	22.4	16.0	13.9	19.2	11.3
1991	4.8	11.3	13.5	16.0	19.8	20.4	17.3	12.3	16.1	9.7
1990	5.1	11.7	12.4	18.8	19.7	17.0	21.0	18.0	18.4	12.6
1989	5.3	11.1	14.5	18.9	19.2	22.0	20.9	17.3	12.8	11.8
1988	5.6	12.7	16.6	17.6	21.5	20.7	19.9	18.0	15.8	9.3
1987	5.9	12.9	19.0	20.6	20.1	19.9	18.1	17.5	11.8	*
1986	5.8	12.7	17.4	20.2	19.6	20.8	18.8	17.4	9.8	*
1985	6.4	16.3	17.1	21.2	23.3	22.7	20.7	20.5	16.3	*
1984	6.6	16.9	19.7	23.5	22.4	23.4	21.1	18.2	17.4	*
1983	7.1	18.3	22.8	24.7	29.3	23.5	18.3	13.7	14.1	*
1982	7.0	19.1	23.8	22.6	25.1	20.8	18.9	15.3	12.8	*
1981	8.1	21.2	26.8	26.5	26.8	27.3	24.6	15.7	14.4	*
1980	9.0	25.3	29.6	30.5	31.2	24.4	23.4	15.5	10.0	*
1979	8.6	24.6	31.2	29.1	25.8	23.8	23.0	16.7	12.4	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other chronic liver disease and cirrhosis (571.4-571.9)										
Black, male										
1998	4.7	16.1	13.2	17.2	18.8	23.5	19.5	14.3	*	*
1997	4.8	17.0	15.6	19.9	19.1	22.2	17.4	17.1	*	*
1996	4.9	13.2	17.7	19.8	18.7	21.2	23.7	14.1	*	*
1995	5.1	14.6	17.4	20.3	20.0	17.9	18.9	15.1	*	*
1994	5.1	15.9	15.5	20.0	19.9	19.8	17.1	16.7	22.5	*
1993	5.6	14.4	17.6	20.7	21.4	23.1	25.9	20.9	*	*
1992	5.6	15.9	17.7	17.2	22.9	28.8	22.3	19.3	23.6	*
1991	5.7	15.5	19.5	24.3	25.0	23.6	18.7	15.0	*	*
1990	6.2	17.1	17.2	26.1	26.3	21.6	25.3	19.0	26.4	*
1989	6.7	15.9	22.8	25.5	22.4	30.3	22.6	23.0	*	*
1988	6.8	17.5	22.2	25.5	26.1	23.9	24.4	18.6	*	*
1987	7.5	19.5	26.9	29.6	27.6	23.3	22.1	25.7	*	*
1986	7.2	17.9	20.5	29.8	21.9	28.0	23.0	22.7	*	*
1985	8.1	22.9	23.4	29.1	33.4	32.7	23.6	21.8	*	*
1984	8.2	23.5	28.2	30.7	29.9	32.9	27.8	21.6	*	*
1983	8.9	25.5	31.3	35.7	38.2	33.4	24.6	17.0	*	*
1982	8.9	26.3	33.0	29.3	37.3	26.3	24.0	19.3	*	*
1981	10.1	28.6	37.9	36.0	35.5	35.7	33.1	18.4	*	*
1980	11.3	35.7	42.3	39.3	43.8	32.2	29.4	19.0	*	*
1979	11.4	33.0	48.0	42.5	34.4	29.6	33.6	19.3	*	*
Other chronic liver disease and cirrhosis (571.4-571.9)										
Black, female										
1998	2.6	5.4	6.2	7.7	7.5	8.6	12.1	10.7	12.7	*
1997	2.8	4.8	5.9	8.7	11.7	12.6	13.1	13.3	8.8	*
1996	2.8	5.5	4.4	8.4	9.4	12.3	15.1	10.3	*	12.0
1995	3.0	5.6	6.6	9.7	8.9	13.5	8.6	14.0	16.4	11.5
1994	3.3	5.3	8.8	7.7	12.9	13.8	14.1	13.0	*	12.0
1993	3.5	6.2	7.9	8.6	13.8	13.4	13.0	16.9	14.3	*
1992	3.3	5.2	7.2	11.0	10.6	17.7	11.8	10.8	16.9	*
1991	3.9	7.8	8.5	9.4	15.8	18.0	16.3	10.7	15.7	*
1990	4.1	7.2	8.5	13.1	14.6	13.6	18.2	17.4	14.2	*
1989	4.1	7.0	7.7	13.6	16.7	16.0	19.9	14.0	11.4	*
1988	4.6	8.7	12.0	11.3	18.0	18.4	16.8	17.6	16.9	*
1987	4.5	7.4	12.5	13.5	14.5	17.4	15.3	12.5	*	*
1986	4.6	8.3	14.8	12.4	17.9	15.6	16.0	14.2	*	*
1985	4.9	10.8	12.1	14.8	15.5	15.4	18.8	19.8	16.5	*
1984	5.1	11.4	12.7	17.6	16.5	16.4	16.6	16.2	15.8	*
1983	5.5	12.4	15.8	15.7	22.4	16.3	14.2	11.6	14.5	*
1982	5.4	13.3	16.3	17.2	15.6	16.8	15.3	12.7	*	*
1981	6.3	15.1	17.9	18.8	19.9	21.1	18.7	13.9	*	*
1980	6.9	16.7	19.5	23.2	21.1	18.6	19.1	13.2	*	*
1979	6.2	17.6	17.5	18.1	19.0	19.5	15.3	14.8	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cholelithiasis and other disorders of gallbladder (574-575)										
All races, both sexes										
1998	1.0	0.3	0.3	0.6	1.0	1.9	3.5	6.1	10.8	24.4
1997	1.0	0.3	0.3	0.5	1.2	2.2	3.3	6.3	10.0	24.7
1996	1.0	0.2	0.4	0.7	1.2	2.5	3.6	6.7	10.2	24.6
1995	1.0	0.3	0.3	0.5	1.4	2.0	3.4	6.5	11.6	24.9
1994	1.1	0.2	0.4	0.6	1.4	2.1	3.9	6.4	11.6	27.4
1993	1.1	0.2	0.3	0.7	1.1	2.2	3.6	6.6	12.1	27.0
1992	1.1	0.2	0.5	0.8	1.1	2.5	3.8	7.1	12.6	29.8
1991	1.1	0.2	0.4	0.7	1.2	2.3	3.9	7.1	13.3	30.9
1990	1.2	0.2	0.4	0.7	1.3	2.6	4.6	7.6	14.4	33.4
1989	1.2	0.3	0.4	0.7	1.4	2.4	4.4	7.6	15.0	34.9
1988	1.3	0.3	0.4	0.8	1.3	2.8	4.5	8.2	14.5	37.5
1987	1.3	0.2	0.5	0.7	1.6	2.6	5.0	8.8	15.1	33.8
1986	1.2	0.2	0.4	0.8	1.3	2.6	4.8	8.5	16.6	33.6
1985	1.3	0.3	0.5	0.8	1.5	2.8	4.8	8.6	15.1	35.4
1984	1.3	0.2	0.6	0.8	1.6	2.7	5.6	9.3	15.9	34.5
1983	1.3	0.4	0.5	1.0	1.6	2.7	4.9	9.4	17.2	35.1
1982	1.3	0.3	0.6	0.8	1.6	3.0	5.5	9.0	16.7	35.2
1981	1.3	0.3	0.5	1.0	1.7	3.4	5.6	9.6	18.9	37.4
1980	1.5	0.4	0.7	1.2	1.9	3.3	6.3	11.6	19.6	40.1
1979	1.4	0.4	0.7	1.2	1.9	3.3	6.9	10.2	19.6	37.8
Cholelithiasis and other disorders of gallbladder (574-575)										
All races, male										
1998	0.9	*	0.4	0.6	1.1	2.2	4.2	6.8	13.1	28.8
1997	0.9	0.3	0.4	0.6	1.4	2.4	4.3	7.8	14.2	26.3
1996	0.9	0.3	0.6	0.8	1.3	2.8	4.5	8.1	13.2	24.2
1995	0.9	0.3	0.4	0.7	1.7	2.6	4.5	8.0	13.8	27.3
1994	1.0	*	0.5	0.8	1.4	2.6	4.4	7.3	13.8	34.4
1993	1.0	*	0.5	1.0	1.4	2.7	4.7	8.5	13.9	29.6
1992	1.0	0.3	0.6	0.8	1.1	3.2	4.2	8.8	15.7	33.7
1991	1.0	*	0.4	0.8	1.5	3.0	4.5	9.5	16.1	34.2
1990	1.1	*	0.4	0.8	1.3	3.3	5.7	10.3	15.4	36.3
1989	1.1	*	*	0.7	1.7	3.0	5.9	9.1	19.7	39.8
1988	1.2	0.3	0.5	0.8	1.4	3.5	6.2	11.3	18.4	40.7
1987	1.1	*	0.6	0.9	1.9	3.0	6.3	11.5	19.0	33.0
1986	1.2	*	0.5	1.0	1.7	3.2	5.9	11.7	22.0	37.5
1985	1.2	*	0.6	1.0	1.8	3.8	6.3	10.3	20.7	42.2
1984	1.2	*	0.6	1.1	1.9	3.2	7.7	12.3	19.6	40.2
1983	1.2	*	0.5	1.1	2.1	3.2	6.5	13.7	21.1	40.7
1982	1.1	*	0.6	1.0	1.7	4.3	6.5	11.5	20.9	35.6
1981	1.2	*	0.5	1.2	1.9	4.1	6.3	12.2	23.2	42.1
1980	1.3	*	0.7	1.6	2.1	4.0	8.2	13.5	24.2	45.2
1979	1.3	*	0.7	1.2	1.9	4.2	8.8	11.0	24.3	43.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cholelithiasis and other disorders of gallbladder (574-575)										
All races, female										
1998	1.1	0.3	0.3	0.5	0.9	1.7	2.9	5.6	9.4	22.7
1997	1.1	0.3	*	0.4	1.0	1.9	2.6	5.3	7.6	24.1
1996	1.2	*	0.3	0.6	1.1	2.2	2.9	5.7	8.5	24.8
1995	1.1	0.3	0.3	0.4	1.1	1.4	2.5	5.5	10.4	24.0
1994	1.2	0.2	0.3	0.4	1.3	1.8	3.5	5.7	10.4	24.8
1993	1.2	*	*	0.4	0.9	1.8	2.7	5.4	11.2	26.0
1992	1.3	*	0.5	0.8	1.0	1.9	3.6	6.0	10.9	28.3
1991	1.3	*	0.5	0.6	1.0	1.7	3.4	5.6	11.8	29.6
1990	1.4	*	0.4	0.5	1.4	2.1	3.7	5.9	13.8	32.3
1989	1.4	*	0.6	0.8	1.1	2.0	3.3	6.6	12.6	33.0
1988	1.4	*	0.4	0.8	1.2	2.2	3.3	6.2	12.5	36.2
1987	1.4	*	0.5	0.6	1.4	2.3	4.1	7.1	13.1	34.1
1986	1.3	*	*	0.5	1.0	2.1	4.0	6.5	13.7	32.0
1985	1.3	*	0.4	0.6	1.4	2.1	3.6	7.5	12.1	32.7
1984	1.4	*	0.6	0.6	1.3	2.4	4.0	7.4	13.9	32.1
1983	1.3	0.4	0.5	0.9	1.3	2.2	3.7	6.8	15.2	32.8
1982	1.4	*	0.6	0.7	1.5	2.0	4.8	7.4	14.6	35.1
1981	1.5	*	0.5	0.9	1.6	2.9	5.1	7.9	16.6	35.4
1980	1.6	0.4	0.6	0.8	1.6	2.8	5.0	10.4	17.2	37.9
1979	1.5	0.4	0.6	1.1	1.8	2.6	5.6	9.8	17.0	35.4
Cholelithiasis and other disorders of gallbladder (574-575)										
White, both sexes										
1998	1.1	0.2	0.3	0.5	1.0	1.8	3.3	5.9	10.9	24.9
1997	1.1	0.2	0.3	0.4	1.0	2.0	3.2	6.3	9.8	25.0
1996	1.1	0.2	0.4	0.6	1.1	2.3	3.4	6.4	10.2	24.6
1995	1.1	0.2	0.3	0.4	1.3	1.8	3.2	6.4	11.4	25.7
1994	1.2	0.2	0.3	0.5	1.3	2.0	3.8	6.3	11.5	27.9
1993	1.1	0.2	0.3	0.7	1.0	2.1	3.3	6.6	11.9	27.1
1992	1.2	0.2	0.5	0.7	1.0	2.4	3.7	7.0	12.5	30.3
1991	1.2	*	0.4	0.7	1.2	2.2	3.7	6.9	13.5	31.1
1990	1.3	*	0.4	0.6	1.2	2.6	4.5	7.6	14.6	33.9
1989	1.3	0.3	0.4	0.7	1.3	2.5	4.3	7.5	15.4	35.5
1988	1.4	0.2	0.4	0.7	1.2	2.7	4.5	8.1	14.4	38.4
1987	1.3	*	0.5	0.7	1.5	2.6	4.9	8.7	15.3	34.1
1986	1.3	*	0.4	0.8	1.3	2.5	4.8	8.5	16.4	34.8
1985	1.3	0.3	0.5	0.7	1.5	2.8	4.6	8.4	14.9	36.1
1984	1.4	0.2	0.6	0.7	1.6	2.7	5.7	9.5	15.8	35.6
1983	1.3	0.3	0.4	0.9	1.5	2.6	4.8	9.3	17.1	36.1
1982	1.3	0.3	0.6	0.8	1.6	3.0	5.3	8.8	17.1	36.4
1981	1.4	0.3	0.5	0.9	1.7	3.4	5.5	9.7	19.0	38.8
1980	1.5	0.3	0.6	1.2	1.9	3.2	6.2	11.6	20.2	42.0
1979	1.5	0.3	0.6	1.2	1.8	3.2	6.9	10.6	19.9	39.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cholelithiasis and other disorders of gallbladder (574-575)										
White, male										
1998	1.0	*	0.4	0.6	1.0	2.0	4.3	6.8	13.2	29.0
1997	1.0	*	0.3	0.5	1.3	2.3	4.3	7.9	13.9	27.2
1996	1.0	0.3	0.5	0.7	1.2	2.8	4.3	8.0	13.4	24.5
1995	1.0	0.3	*	0.6	1.6	2.5	4.4	8.1	13.9	28.2
1994	1.0	*	0.4	0.7	1.4	2.5	4.4	7.4	14.0	34.8
1993	1.0	*	0.5	1.0	1.3	2.7	4.3	8.4	13.7	30.6
1992	1.1	*	0.6	0.8	1.1	3.2	4.2	9.0	15.6	35.4
1991	1.1	*	*	0.8	1.6	3.0	4.3	9.1	16.7	35.0
1990	1.1	*	*	0.8	1.3	3.2	5.6	10.5	15.7	37.5
1989	1.2	*	*	0.7	1.6	3.1	5.8	9.1	20.8	40.8
1988	1.2	*	0.5	0.7	1.4	3.4	6.3	11.2	18.2	43.1
1987	1.2	*	0.5	0.9	1.7	3.1	6.3	11.7	19.6	34.4
1986	1.2	*	0.5	1.0	1.7	3.2	5.9	11.8	21.7	39.9
1985	1.2	*	0.6	0.9	1.7	3.6	6.3	10.2	20.9	43.9
1984	1.3	*	0.6	1.0	1.9	3.2	8.2	12.8	19.2	42.7
1983	1.3	*	0.4	1.0	2.0	3.2	6.7	13.7	21.9	41.8
1982	1.2	*	0.5	0.9	1.8	4.4	6.6	11.3	21.6	37.2
1981	1.3	*	0.5	1.1	1.8	4.3	6.5	12.8	24.3	44.7
1980	1.4	*	0.6	1.6	2.1	4.1	8.3	13.7	25.6	47.8
1979	1.3	*	0.8	1.2	1.8	4.1	8.6	11.5	24.8	44.9
Cholelithiasis and other disorders of gallbladder (574-575)										
White, female										
1998	1.2	0.3	0.3	0.4	1.0	1.5	2.5	5.2	9.6	23.3
1997	1.2	*	*	*	0.8	1.8	2.4	5.3	7.5	24.2
1996	1.2	*	*	0.6	1.0	1.8	2.7	5.3	8.3	24.7
1995	1.2	*	*	*	1.1	1.3	2.3	5.2	10.1	24.7
1994	1.3	*	*	*	1.2	1.6	3.4	5.6	10.2	25.3
1993	1.2	*	*	0.5	0.8	1.7	2.5	5.3	10.8	25.7
1992	1.3	*	0.4	0.7	1.0	1.8	3.3	5.7	10.8	28.3
1991	1.3	*	0.4	0.5	0.9	1.6	3.2	5.5	11.8	29.7
1990	1.5	*	*	0.5	1.2	2.0	3.7	5.8	14.1	32.6
1989	1.4	*	0.5	0.7	1.0	2.0	3.1	6.5	12.5	33.5
1988	1.5	*	*	0.7	1.0	2.1	3.2	6.1	12.4	36.6
1987	1.5	*	0.4	0.5	1.3	2.2	3.9	6.8	13.0	34.0
1986	1.4	*	*	0.5	0.9	1.9	4.0	6.3	13.7	32.8
1985	1.4	*	*	0.6	1.3	2.1	3.3	7.2	11.8	33.1
1984	1.4	*	0.5	0.5	1.3	2.4	3.9	7.4	14.0	32.8
1983	1.4	*	0.4	0.7	1.1	2.2	3.5	6.6	14.6	33.8
1982	1.5	*	0.6	0.7	1.4	1.9	4.4	7.2	14.7	36.0
1981	1.5	*	0.4	0.8	1.5	2.7	4.8	7.8	16.3	36.3
1980	1.6	*	0.6	0.8	1.7	2.6	4.7	10.2	17.4	39.5
1979	1.6	*	0.4	1.1	1.8	2.5	5.7	10.0	17.3	36.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cholelithiasis and other disorders of gallbladder (574-575)										
All other, both sexes										
1998	0.7	*	*	*	*	3.0	5.2	7.7	9.0	20.0
1997	0.7	*	*	*	2.2	3.1	4.0	6.1	11.9	21.2
1996	0.8	*	*	*	2.0	4.1	4.8	9.3	9.9	24.2
1995	0.7	*	*	*	1.8	3.0	4.4	7.7	13.3	17.1
1994	0.7	*	*	*	2.0	2.8	4.4	6.8	12.1	22.9
1993	0.8	*	*	*	2.0	2.9	6.3	7.3	14.9	26.1
1992	0.8	*	*	*	*	3.0	5.2	8.0	14.0	25.0
1991	0.8	*	*	*	*	2.7	5.5	8.9	11.0	28.5
1990	0.7	*	*	*	2.1	3.3	4.8	7.5	11.7	28.0
1989	0.8	*	*	*	2.1	1.9	5.7	8.1	11.7	29.3
1988	0.8	*	*	1.6	1.9	3.4	4.2	9.0	15.9	27.8
1987	0.8	*	*	*	2.6	2.9	5.8	9.3	13.6	30.4
1986	0.8	*	*	*	*	3.6	4.7	9.3	18.2	19.9
1985	0.9	*	*	*	2.1	3.3	6.4	10.6	16.9	27.4
1984	0.8	*	*	1.8	1.9	2.9	4.6	7.3	16.8	22.1
1983	0.9	*	*	1.9	2.8	2.9	5.1	10.4	17.9	24.5
1982	0.8	*	*	*	*	3.2	7.1	10.7	13.1	22.0
1981	0.8	*	*	1.6	2.3	3.4	6.7	8.0	17.4	21.6
1980	0.9	*	*	*	*	4.0	7.4	12.0	12.7	17.8
1979	0.9	*	*	*	2.3	4.3	7.2	7.3	15.6	21.3
Cholelithiasis and other disorders of gallbladder (574-575)										
All other, male										
1998	0.6	*	*	*	*	*	*	*	*	27.1
1997	0.7	*	*	*	*	*	*	7.7	17.6	*
1996	0.7	*	*	*	*	*	6.3	8.8	*	21.3
1995	0.6	*	*	*	*	*	5.4	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	30.4
1993	0.7	*	*	*	*	*	8.9	9.4	15.6	*
1992	0.6	*	*	*	*	*	*	*	16.9	*
1991	0.6	*	*	*	*	*	6.3	12.8	*	27.0
1990	0.6	*	*	*	*	4.3	6.6	*	*	24.6
1989	0.7	*	*	*	*	*	7.0	9.0	*	30.9
1988	0.8	*	*	*	*	*	*	12.3	20.5	*
1987	0.6	*	*	*	*	*	*	9.3	*	*
1986	0.7	*	*	*	*	*	*	10.5	25.9	*
1985	0.8	*	*	*	*	5.4	*	11.2	19.2	*
1984	0.7	*	*	*	*	*	*	*	23.8	*
1983	0.8	*	*	*	*	*	*	13.2	*	30.4
1982	0.7	*	*	*	*	*	*	13.1	*	*
1981	0.6	*	*	*	*	*	*	*	*	*
1980	0.8	*	*	*	*	*	7.3	12.3	*	*
1979	0.8	*	*	*	*	*	10.2	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cholelithiasis and other disorders of gallbladder (574-575)										
All other, female										
1998	0.8	*	*	*	*	*	6.5	8.8	7.4	17.1
1997	0.8	*	*	*	*	2.9	4.1	5.1	8.9	22.6
1996	0.9	*	*	*	*	4.8	3.8	9.6	9.6	25.4
1995	0.8	*	*	*	*	*	3.7	8.0	13.6	16.7
1994	0.8	*	*	*	*	*	4.3	6.9	12.4	19.7
1993	0.9	*	*	*	*	*	4.6	6.0	14.6	28.5
1992	1.0	*	*	*	*	*	6.1	9.0	12.3	28.0
1991	0.9	*	*	*	*	*	4.9	6.5	11.8	29.1
1990	0.8	*	*	*	*	*	*	7.5	11.4	29.6
1989	0.9	*	*	*	*	*	4.8	7.6	13.2	28.4
1988	0.9	*	*	*	*	*	*	6.9	13.2	32.0
1987	1.0	*	*	*	*	*	5.6	9.2	14.3	35.6
1986	0.8	*	*	*	*	4.1	*	8.6	13.8	22.4
1985	0.9	*	*	*	*	*	6.4	10.2	15.6	28.0
1984	0.8	*	*	*	*	*	5.2	6.9	12.8	24.8
1983	1.0	*	*	*	*	*	5.3	8.5	21.2	21.6
1982	0.9	*	*	*	*	*	8.0	9.1	13.4	23.3
1981	1.1	*	*	*	*	4.4	7.8	8.7	21.3	24.4
1980	1.0	*	*	*	*	4.6	7.6	11.8	14.8	17.7
1979	1.0	*	*	*	*	4.0	*	8.1	*	20.2
Cholelithiasis and other disorders of gallbladder (574-575)										
Black, both sexes										
1998	0.8	*	*	*	*	3.3	5.4	7.2	8.9	21.3
1997	0.8	*	*	*	2.4	3.3	3.7	6.4	11.0	21.7
1996	0.9	*	*	*	2.2	4.1	5.1	9.3	10.3	23.6
1995	0.8	*	*	*	2.2	3.5	3.7	7.0	13.4	17.6
1994	0.8	*	*	*	2.1	3.2	4.6	7.0	12.7	21.7
1993	0.8	*	*	*	2.1	3.0	6.8	7.5	14.3	24.0
1992	0.9	*	*	*	*	3.0	5.3	8.3	15.9	23.3
1991	0.8	*	*	*	*	2.8	5.9	8.4	11.1	25.7
1990	0.8	*	*	*	2.1	3.1	5.0	7.0	12.5	25.6
1989	0.8	*	*	*	2.5	*	5.8	8.6	10.6	25.9
1988	0.9	*	*	*	2.1	3.1	4.0	8.7	15.1	25.7
1987	0.9	*	*	*	2.6	2.9	6.1	8.8	13.7	30.8
1986	0.8	*	*	*	*	3.3	4.5	8.6	17.3	19.4
1985	0.9	*	*	*	2.3	3.4	6.0	11.1	16.7	25.1
1984	0.8	*	*	1.9	*	2.9	4.6	6.7	16.1	21.6
1983	0.9	*	*	1.9	2.8	2.5	5.0	10.6	19.4	22.8
1982	0.8	*	*	*	*	3.2	6.9	9.9	11.0	19.3
1981	0.8	*	*	*	2.2	2.8	6.2	6.7	16.3	20.2
1980	0.9	*	*	*	*	3.5	6.9	10.3	10.5	15.1
1979	0.9	*	*	*	*	4.4	6.5	6.8	13.4	17.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Cholelithiasis and other disorders of gallbladder (574-575)										
Black, male										
1998	0.6	*	*	*	*	*	*	*	*	27.5
1997	0.7	*	*	*	*	*	*	*	*	*
1996	0.7	*	*	*	*	*	*	*	*	*
1995	0.6	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	29.3
1993	0.7	*	*	*	*	*	9.5	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.6	*	*	*	*	*	*	11.1	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.7	*	*	*	*	*	*	*	*	*
1988	0.8	*	*	*	*	*	*	12.4	21.3	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	25.6	*
1985	0.9	*	*	*	*	5.9	*	11.8	*	*
1984	0.7	*	*	*	*	*	*	*	*	*
1983	0.8	*	*	*	*	*	*	13.3	*	*
1982	0.7	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.7	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	8.8	*	*	*
Cholelithiasis and other disorders of gallbladder (574-575)										
Black, female										
1998	0.9	*	*	*	*	*	6.2	9.0	*	18.9
1997	0.8	*	*	*	*	*	*	5.9	*	23.4
1996	1.0	*	*	*	*	4.6	*	9.1	9.9	24.0
1995	0.9	*	*	*	*	*	*	7.5	14.1	18.4
1994	0.9	*	*	*	*	*	*	7.0	13.9	18.7
1993	1.0	*	*	*	*	*	5.1	7.0	15.3	27.0
1992	1.1	*	*	*	*	*	6.6	8.3	14.4	27.7
1991	1.0	*	*	*	*	*	5.8	6.8	12.1	26.8
1990	0.9	*	*	*	*	*	*	7.5	12.1	27.5
1989	1.0	*	*	*	*	*	5.8	8.0	11.4	26.8
1988	1.0	*	*	*	*	*	*	*	11.8	31.5
1987	1.1	*	*	*	*	*	5.8	9.3	14.6	36.8
1986	0.9	*	*	*	*	4.3	*	8.5	12.7	21.0
1985	1.0	*	*	*	*	*	6.7	10.6	15.2	25.6
1984	0.9	*	*	*	*	*	*	*	*	26.4
1983	1.1	*	*	*	*	*	5.6	8.9	22.8	21.8
1982	1.0	*	*	*	*	*	8.0	9.2	*	22.0
1981	1.0	*	*	*	*	*	8.2	*	20.5	23.0
1980	1.0	*	*	*	*	4.5	7.3	11.1	*	*
1979	1.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nephritis, nephrotic syndrome and nephrosis (580-589)										
All races, both sexes										
1998	9.5	2.2	3.2	5.9	10.2	18.1	34.0	56.9	103.3	218.3
1997	9.3	2.0	3.2	6.1	10.8	18.1	33.3	55.3	99.5	216.1
1996	9.0	2.1	3.4	5.5	10.4	17.4	32.7	55.1	98.4	207.7
1995	8.9	2.0	3.3	5.6	10.9	18.1	31.3	55.9	96.0	204.1
1994	8.7	2.0	3.0	6.0	10.3	17.7	32.8	53.9	96.4	202.9
1993	9.0	2.1	3.2	6.6	11.2	19.4	32.7	55.4	98.6	207.7
1992	8.6	2.0	3.4	6.0	10.5	18.6	31.6	54.5	94.9	203.3
1991	8.4	1.9	3.5	5.6	10.5	18.0	31.4	53.5	94.7	199.9
1990	8.3	2.3	3.6	5.8	10.6	17.6	31.9	53.4	95.2	199.1
1989	8.6	2.0	3.9	6.5	11.0	19.2	31.7	56.0	98.3	200.8
1988	9.2	2.5	4.2	6.9	12.2	20.2	33.4	60.3	105.5	221.7
1987	9.1	2.5	4.2	6.9	11.9	20.0	35.3	61.2	105.8	221.5
1986	9.1	2.6	3.9	6.5	12.8	20.2	35.8	61.9	106.2	219.0
1985	9.0	2.6	3.8	7.1	12.4	20.9	36.7	59.0	107.9	216.9
1984	8.5	2.5	3.8	6.7	12.1	20.1	35.4	60.0	101.5	203.2
1983	8.1	2.4	4.1	7.3	11.4	18.9	34.0	58.1	101.2	190.3
1982	7.8	2.3	3.8	7.2	11.7	19.5	33.7	54.1	96.1	182.8
1981	7.5	2.5	4.0	6.8	11.0	19.0	33.4	54.0	93.6	172.5
1980	7.4	2.8	4.3	6.8	11.5	18.7	32.1	54.0	90.3	174.1
1979	7.0	2.9	4.5	6.4	11.0	18.7	30.5	51.9	85.8	155.2
Nephritis, nephrotic syndrome and nephrosis (580-589)										
All races, male										
1998	9.3	3.0	3.8	6.7	11.6	20.7	40.7	71.0	138.2	305.7
1997	9.1	2.4	3.8	7.0	12.0	21.0	41.0	70.2	130.5	305.9
1996	8.8	2.5	3.9	6.3	12.4	19.7	40.4	69.3	133.0	289.3
1995	8.7	2.4	3.7	6.6	12.2	21.7	38.0	72.4	126.5	290.5
1994	8.4	2.4	3.6	6.7	11.2	19.8	38.7	66.9	131.5	288.1
1993	8.8	2.7	3.6	7.6	12.1	23.1	39.7	71.0	132.7	299.5
1992	8.6	2.6	4.0	6.9	12.3	21.7	38.3	71.0	131.0	297.8
1991	8.4	2.4	4.1	6.6	12.7	21.0	38.8	70.1	128.8	286.4
1990	8.3	2.7	4.1	6.2	11.6	20.5	39.5	71.2	129.8	281.3
1989	8.6	2.4	4.6	8.0	13.3	22.5	40.1	72.7	134.2	282.7
1988	9.1	2.9	5.1	7.9	14.3	24.4	40.7	80.6	142.7	314.8
1987	9.2	3.1	5.1	8.0	14.3	23.7	44.1	82.0	146.0	322.7
1986	9.3	3.1	4.8	7.4	15.3	24.2	47.1	82.4	151.4	320.2
1985	9.1	2.9	4.2	8.4	14.1	25.2	46.7	80.1	144.0	319.1
1984	8.8	2.7	4.1	7.3	14.7	24.4	45.0	80.4	142.8	300.1
1983	8.2	2.7	4.6	8.4	12.9	21.9	43.1	76.9	142.4	271.3
1982	8.1	2.8	4.6	8.5	13.3	23.2	43.4	73.0	133.1	275.3
1981	7.8	2.9	4.5	8.2	13.2	22.7	43.4	72.6	125.9	252.4
1980	7.8	3.2	4.6	8.1	13.5	24.4	41.3	74.7	127.4	255.5
1979	7.6	3.1	5.2	7.7	13.4	22.9	39.7	72.9	123.6	234.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nephritis, nephrotic syndrome and nephrosis (580-589)										
All races, female										
1998	9.7	1.5	2.6	5.2	9.0	15.9	28.8	47.2	83.1	183.6
1997	9.5	1.5	2.7	5.3	9.7	15.7	27.4	45.1	81.9	180.8
1996	9.2	1.7	3.0	4.7	8.7	15.5	26.8	45.4	79.0	176.1
1995	9.0	1.6	3.0	4.8	9.8	15.1	26.2	44.7	79.0	170.8
1994	9.0	1.7	2.6	5.3	9.4	15.9	28.3	45.3	77.2	170.3
1993	9.1	1.6	2.9	5.7	10.3	16.3	27.4	45.0	80.1	172.6
1992	8.6	1.5	2.9	5.1	8.8	16.0	26.5	43.6	75.5	167.3
1991	8.4	1.5	2.9	4.6	8.6	15.5	25.8	42.6	76.5	166.8
1990	8.4	2.0	3.1	5.5	9.7	15.2	26.2	41.9	76.8	167.4
1989	8.5	1.7	3.3	5.2	9.0	16.5	25.5	45.3	79.4	169.0
1988	9.2	2.1	3.4	6.0	10.3	16.8	28.0	47.3	85.8	185.3
1987	9.0	1.9	3.3	5.9	9.7	16.9	28.8	48.0	84.8	181.6
1986	8.8	2.1	3.1	5.7	10.6	17.0	27.6	49.0	82.5	178.9
1985	8.8	2.3	3.5	6.0	11.0	17.4	29.4	45.7	88.9	176.2
1984	8.3	2.3	3.4	6.1	9.8	16.6	28.5	47.1	79.7	164.0
1983	8.1	2.1	3.6	6.3	10.1	16.6	27.5	46.3	79.5	157.1
1982	7.5	1.9	3.0	6.0	10.3	16.5	26.7	42.3	76.7	144.2
1981	7.3	2.1	3.5	5.6	9.2	16.1	26.1	42.3	76.4	138.5
1980	7.0	2.5	4.1	5.8	9.8	14.2	25.4	41.1	70.5	138.6
1979	6.5	2.7	3.8	5.3	9.0	15.3	23.8	38.6	65.5	120.2
Nephritis, nephrotic syndrome and nephrosis (580-589)										
White, both sexes										
1998	9.4	1.6	2.4	4.3	8.2	16.0	29.9	52.2	98.9	209.8
1997	9.2	1.3	2.4	4.6	8.5	15.8	29.8	51.2	94.9	207.4
1996	8.9	1.5	2.6	4.2	8.5	14.6	29.1	50.8	92.4	198.3
1995	8.7	1.4	2.4	4.2	8.7	15.4	28.0	51.5	89.2	195.8
1994	8.5	1.3	2.3	4.4	8.0	14.9	29.5	49.6	91.8	195.6
1993	8.7	1.5	2.3	4.9	9.0	16.9	29.2	50.7	91.9	198.1
1992	8.4	1.4	2.4	4.3	8.2	15.8	28.1	50.7	89.3	194.8
1991	8.1	1.3	2.6	4.0	8.4	15.1	27.5	49.5	89.0	189.9
1990	7.9	1.5	2.5	4.0	8.3	14.8	27.6	48.5	88.7	191.3
1989	8.0	1.4	2.7	4.6	8.4	15.6	27.3	49.9	90.5	191.6
1988	8.7	1.6	3.0	5.1	9.7	17.3	29.3	54.7	97.5	212.0
1987	8.7	1.7	3.0	5.1	9.6	16.9	30.9	56.4	98.9	212.4
1986	8.6	1.8	2.7	4.8	10.3	17.0	31.7	55.9	99.6	208.8
1985	8.4	1.9	2.7	5.4	10.1	17.5	31.8	54.0	99.2	206.4
1984	8.1	1.8	2.7	5.0	9.8	17.2	30.8	55.4	92.9	195.9
1983	7.7	1.8	3.2	5.5	9.1	15.8	29.6	53.2	95.1	184.3
1982	7.3	1.7	2.6	5.3	9.3	16.1	29.4	49.5	88.3	176.8
1981	7.0	1.8	2.9	5.1	8.7	15.6	28.6	50.0	86.8	167.3
1980	6.7	2.0	3.0	4.9	8.8	15.3	27.3	48.3	83.7	166.3
1979	6.5	2.0	3.3	4.8	8.8	15.6	26.5	46.5	81.0	150.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nephritis, nephrotic syndrome and nephrosis (580-589)										
White, male										
1998	9.3	2.2	2.8	4.9	9.3	19.0	37.1	66.7	135.3	301.2
1997	9.1	1.6	2.8	5.2	9.6	18.8	37.7	66.5	126.6	297.6
1996	8.7	1.8	3.0	4.8	10.3	17.0	37.0	64.6	129.3	281.1
1995	8.6	1.7	2.7	5.1	9.8	19.0	35.1	68.3	120.3	283.4
1994	8.3	1.4	2.7	5.1	9.0	16.9	35.5	63.9	128.9	283.6
1993	8.6	1.9	2.5	5.8	10.3	20.8	36.0	67.1	124.8	291.3
1992	8.4	1.7	2.9	5.1	10.2	18.9	34.8	67.5	124.2	289.8
1991	8.1	1.5	3.0	4.6	10.5	18.0	34.6	66.4	124.1	276.5
1990	7.9	1.7	3.0	4.5	9.2	17.6	34.9	66.5	122.1	273.9
1989	8.0	1.6	3.0	5.7	10.9	18.3	35.5	66.5	123.7	272.5
1988	8.7	1.8	3.7	5.9	11.9	20.9	37.5	75.0	133.9	308.8
1987	8.8	2.2	3.7	6.0	11.9	20.9	39.6	77.0	138.8	312.8
1986	8.8	2.1	3.4	5.6	12.9	20.8	42.6	75.7	144.2	310.5
1985	8.6	2.2	3.2	6.5	11.8	21.9	41.7	74.5	133.4	307.7
1984	8.3	2.0	3.0	5.7	11.9	21.6	40.5	76.3	133.6	293.2
1983	7.8	2.1	3.6	6.5	10.5	18.9	38.7	72.1	134.8	262.7
1982	7.7	2.0	3.2	6.7	11.0	19.8	38.9	68.9	123.8	268.9
1981	7.3	2.1	3.4	6.1	10.9	19.2	38.2	69.0	119.0	244.0
1980	7.2	2.2	3.2	6.0	11.1	21.1	36.3	67.8	118.6	245.7
1979	7.0	2.2	3.9	6.0	11.3	20.0	35.6	65.9	118.0	227.4
Nephritis, nephrotic syndrome and nephrosis (580-589)										
White, female										
1998	9.5	1.0	2.0	3.8	7.2	13.5	24.2	42.2	77.7	173.7
1997	9.4	1.1	2.1	3.9	7.4	13.1	23.6	40.5	76.6	172.3
1996	9.0	1.3	2.2	3.7	6.8	12.6	23.0	41.2	71.5	166.5
1995	8.8	1.1	2.1	3.3	7.7	12.4	22.6	40.0	71.9	162.4
1994	8.8	1.3	1.9	3.8	7.0	13.2	24.9	39.9	71.5	162.2
1993	8.8	1.1	2.1	4.1	7.8	13.7	23.9	39.8	74.1	162.9
1992	8.4	1.0	1.9	3.6	6.5	13.2	22.9	39.5	70.6	159.0
1991	8.1	1.1	2.1	3.5	6.6	12.8	22.0	38.4	70.4	157.2
1990	8.0	1.4	2.1	3.5	7.5	12.6	22.1	36.8	71.1	159.9
1989	8.0	1.1	2.3	3.6	6.2	13.3	21.2	39.2	73.0	160.7
1988	8.7	1.5	2.3	4.4	7.8	14.2	23.2	41.9	78.5	174.9
1987	8.6	1.2	2.3	4.3	7.6	13.5	24.5	43.4	78.2	173.5
1986	8.4	1.5	2.1	4.1	8.0	13.9	23.7	43.4	76.3	169.2
1985	8.3	1.7	2.1	4.3	8.5	13.9	24.6	41.1	81.4	166.7
1984	7.8	1.6	2.5	4.4	7.9	13.6	23.7	42.3	71.8	157.3
1983	7.6	1.5	2.7	4.6	8.0	13.3	22.9	41.5	74.4	152.7
1982	6.9	1.3	2.0	4.0	7.8	13.1	22.4	37.4	69.7	139.0
1981	6.8	1.5	2.4	4.2	6.9	12.8	21.7	38.2	69.9	135.3
1980	6.3	1.8	2.8	3.9	6.7	10.7	20.9	36.2	65.5	132.1
1979	5.9	1.9	2.7	3.6	6.5	12.1	19.9	34.5	61.4	117.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nephritis, nephrotic syndrome and nephrosis (580-589)										
All other, both sexes										
1998	9.8	5.2	7.6	15.6	22.9	32.2	67.1	98.5	147.0	301.2
1997	9.7	5.2	8.1	15.5	25.5	34.8	62.6	93.4	146.2	301.7
1996	9.8	5.2	8.4	12.8	22.9	37.7	62.7	95.0	159.6	301.2
1995	9.9	5.1	9.1	14.7	25.7	37.9	59.7	96.9	164.4	287.8
1994	9.7	5.9	7.8	15.7	25.5	39.2	61.5	95.5	142.8	277.7
1993	10.3	6.1	9.1	16.9	26.0	38.9	64.1	99.4	166.9	306.1
1992	10.0	6.0	9.3	16.6	26.3	40.7	63.5	90.8	152.9	292.1
1991	10.1	5.6	9.1	15.7	25.7	41.3	66.9	91.2	153.3	305.2
1990	10.5	7.0	10.2	18.1	27.8	40.0	70.9	99.6	163.1	282.2
1989	11.5	5.9	12.1	19.6	30.8	49.1	72.1	113.7	180.2	298.8
1988	11.7	8.1	12.0	19.5	31.6	45.1	71.4	112.4	190.0	325.0
1987	11.4	7.1	12.2	19.5	29.9	47.0	75.5	106.4	179.5	319.2
1986	11.8	7.6	11.7	19.1	33.4	48.3	73.5	119.8	177.8	329.9
1985	12.0	6.9	11.5	20.7	32.4	50.8	81.7	106.9	202.8	332.3
1984	11.2	7.2	10.9	19.4	32.2	45.4	78.4	104.0	195.6	283.4
1983	10.7	6.4	10.3	21.6	30.8	46.7	75.6	104.9	169.1	256.7
1982	10.9	6.8	12.5	22.1	32.6	49.1	74.5	99.2	184.9	250.5
1981	10.5	7.3	12.1	21.2	31.6	49.1	77.9	92.6	171.4	231.6
1980	11.4	9.0	14.5	23.4	36.4	49.1	77.6	110.4	167.1	264.2
1979	10.4	9.0	14.1	20.6	32.1	45.7	69.6	103.9	142.9	206.3
Nephritis, nephrotic syndrome and nephrosis (580-589)										
All other, male										
1998	9.2	7.3	9.5	18.7	27.2	34.0	72.3	111.7	169.4	348.1
1997	9.3	7.2	9.9	18.3	27.9	37.9	71.0	105.8	171.9	382.6
1996	9.3	6.6	9.5	15.7	26.5	41.4	70.6	114.8	172.0	364.7
1995	9.6	6.5	10.5	16.3	29.4	43.1	65.5	112.8	191.4	357.2
1994	9.2	8.2	9.4	18.1	27.5	43.7	68.7	97.0	158.2	329.8
1993	10.0	8.0	11.2	19.5	25.9	42.7	74.0	110.4	212.8	375.8
1992	10.0	8.2	10.6	19.8	29.3	45.4	71.6	106.3	200.8	372.2
1991	10.2	7.7	11.3	20.8	30.5	47.4	78.9	106.5	175.9	379.3
1990	10.4	9.0	11.4	18.7	31.2	45.7	83.6	116.2	207.0	350.1
1989	11.9	7.3	15.5	25.2	32.5	59.2	84.8	131.5	238.8	376.5
1988	11.4	10.2	14.2	22.8	34.8	55.7	72.0	134.2	230.8	370.9
1987	11.6	8.6	14.8	23.1	35.3	49.8	87.6	128.8	217.9	415.6
1986	12.1	9.9	14.5	22.1	36.8	55.2	89.1	145.7	224.1	410.7
1985	12.1	7.9	11.3	24.3	34.0	55.5	94.7	132.0	251.9	426.0
1984	11.2	8.0	12.4	20.7	40.3	49.5	87.5	118.3	236.6	365.3
1983	10.8	6.9	11.9	24.5	34.7	49.1	84.6	120.8	220.6	353.6
1982	11.0	8.8	15.9	23.8	34.5	54.1	84.8	111.5	229.8	337.3
1981	10.9	9.1	13.6	26.1	34.6	54.7	91.9	105.4	197.8	335.9
1980	11.9	10.8	15.6	26.2	36.1	54.5	88.3	139.5	221.2	355.5
1979	11.1	10.4	16.5	22.5	32.9	49.4	78.4	135.9	183.7	303.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nephritis, nephrotic syndrome and nephrosis (580-589)										
All other, female										
1998	10.4	3.5	6.0	13.0	19.4	30.9	63.5	90.0	135.2	281.6
1997	10.0	3.5	6.5	13.2	23.5	32.5	56.9	85.5	132.6	267.6
1996	10.3	4.0	7.4	10.5	20.0	34.9	57.2	82.5	153.0	274.4
1995	10.3	3.9	7.8	13.4	22.7	34.0	55.7	86.9	150.0	258.2
1994	10.1	4.0	6.5	13.8	24.0	35.8	56.5	94.7	134.6	255.3
1993	10.6	4.5	7.4	14.8	26.1	36.1	57.2	92.6	141.9	276.0
1992	10.0	4.2	8.2	14.1	24.0	37.3	57.9	81.3	126.5	257.1
1991	10.1	3.8	7.3	11.6	22.1	36.8	58.7	81.8	140.9	272.4
1990	10.6	5.3	9.2	17.7	25.2	35.9	62.2	89.3	138.3	251.3
1989	11.1	4.7	9.1	15.0	29.5	41.5	63.4	102.5	147.6	261.4
1988	11.9	6.2	10.0	16.8	29.0	37.3	71.0	98.3	165.7	303.6
1987	11.3	5.8	9.9	16.5	25.7	44.9	67.3	92.0	157.7	273.6
1986	11.5	5.7	9.3	16.7	30.8	43.1	62.8	103.4	151.3	291.0
1985	11.9	6.0	11.7	17.8	31.1	47.2	72.6	90.4	174.4	286.7
1984	11.1	6.6	9.6	18.3	25.9	42.4	72.1	94.4	171.5	242.8
1983	10.5	5.9	9.1	19.2	27.8	44.8	69.3	94.2	138.8	208.6
1982	10.7	5.1	9.8	20.8	31.2	45.3	66.8	90.9	159.2	206.8
1981	10.1	5.8	10.9	17.2	29.2	44.9	67.4	84.0	155.3	177.2
1980	11.0	7.5	13.6	21.0	36.7	45.1	69.6	90.5	133.8	217.5
1979	9.7	7.9	12.2	19.1	31.5	42.9	62.6	80.2	117.4	157.9
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Black, both sexes										
1998	12.2	6.7	9.4	19.8	29.8	39.9	78.5	116.1	166.2	337.1
1997	12.1	6.7	10.4	19.4	32.7	42.6	75.5	107.9	168.4	338.9
1996	12.0	6.9	10.8	15.9	28.8	44.3	74.0	109.5	176.3	326.2
1995	12.3	6.8	11.4	18.3	31.8	45.5	71.0	112.7	181.2	314.7
1994	12.0	7.9	10.4	19.1	31.7	47.5	72.8	107.5	160.1	301.0
1993	12.6	8.0	11.5	21.2	31.4	46.1	74.0	110.8	179.8	327.3
1992	12.2	7.8	11.3	20.0	31.7	48.0	71.6	101.9	166.5	317.6
1991	12.4	7.4	11.2	18.9	30.8	48.4	77.9	100.0	169.5	324.6
1990	12.6	8.9	12.5	22.4	32.4	45.4	80.9	109.2	177.6	303.2
1989	13.8	7.5	15.1	23.8	35.9	56.7	81.6	125.7	195.0	316.4
1988	14.0	10.3	14.1	23.4	37.0	52.6	79.7	124.9	204.4	348.1
1987	13.6	8.6	14.7	23.1	35.3	53.0	84.8	116.2	196.2	338.9
1986	13.9	9.1	13.4	21.3	38.8	55.7	82.5	131.6	195.3	347.3
1985	14.2	7.7	13.5	24.0	38.1	57.6	90.3	114.7	221.2	362.1
1984	13.0	8.0	12.4	22.5	36.4	51.1	87.6	110.9	213.1	301.1
1983	12.3	7.6	11.9	24.7	34.6	51.9	82.3	115.1	182.4	267.4
1982	12.4	7.8	14.2	25.0	36.8	54.9	82.2	106.1	198.2	264.8
1981	12.0	8.5	13.8	24.0	35.3	54.4	84.3	100.7	187.1	242.9
1980	12.8	10.3	16.4	26.1	39.9	54.1	84.5	119.4	177.3	278.5
1979	11.5	10.0	15.8	23.0	35.5	48.7	74.6	108.6	147.8	209.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Black, male										
1998	11.4	9.5	11.6	24.4	37.0	42.6	84.8	134.6	201.1	406.6
1997	11.7	9.3	13.1	22.8	36.4	47.5	89.3	124.9	206.9	446.5
1996	11.5	8.9	12.8	19.3	34.2	49.5	83.7	136.6	199.1	403.0
1995	11.9	8.6	13.0	21.1	36.1	52.5	80.3	136.1	220.3	408.4
1994	11.4	10.9	12.7	23.2	34.3	51.9	84.6	113.8	180.1	364.4
1993	12.1	10.8	14.0	24.4	30.9	51.3	87.5	123.4	232.6	408.6
1992	12.2	10.7	13.0	24.8	35.8	54.2	81.9	123.7	228.7	412.0
1991	12.5	10.5	14.0	25.6	36.3	56.6	94.9	116.5	202.3	413.1
1990	12.5	12.1	14.5	23.9	35.2	52.4	97.6	127.0	232.8	383.3
1989	14.4	9.5	20.1	31.0	38.2	68.9	96.8	147.8	267.0	410.6
1988	13.6	13.1	16.7	26.6	41.4	64.8	80.0	152.0	248.9	398.5
1987	13.7	10.3	18.2	27.7	41.7	56.5	99.6	144.6	237.0	454.7
1986	14.3	12.4	16.9	24.5	43.4	65.3	101.6	165.1	255.6	436.5
1985	14.3	10.0	13.2	28.2	40.4	64.3	106.1	141.8	277.0	474.2
1984	13.0	9.2	13.9	24.4	45.1	55.5	98.4	125.1	265.5	391.8
1983	12.5	8.5	13.3	28.4	39.2	55.8	94.3	136.4	240.2	368.3
1982	12.7	10.2	19.2	27.4	39.0	62.0	94.6	121.7	247.5	363.8
1981	12.5	10.7	15.2	30.1	38.8	61.9	100.4	119.6	215.6	358.9
1980	13.5	12.6	18.2	30.6	39.4	61.1	98.0	153.6	233.2	381.1
1979	12.3	11.6	18.4	24.5	36.6	53.0	85.0	144.7	189.6	305.8
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Black, female										
1998	12.8	4.4	7.5	16.0	24.1	37.9	74.4	104.8	149.3	310.8
1997	12.5	4.5	8.2	16.7	29.8	39.0	66.4	97.7	149.8	298.0
1996	12.6	5.2	9.1	13.2	24.6	40.4	67.6	93.3	165.2	296.8
1995	12.6	5.2	10.0	16.0	28.5	40.3	64.9	98.8	162.2	278.4
1994	12.5	5.3	8.4	15.8	29.8	44.3	65.1	103.9	150.2	276.2
1993	13.0	5.7	9.4	18.5	31.9	42.3	65.0	103.5	153.3	295.1
1992	12.1	5.3	9.8	16.2	28.6	43.5	64.9	89.3	134.9	279.6
1991	12.2	4.8	9.0	13.7	26.6	42.5	66.6	90.4	152.8	288.2
1990	12.8	6.2	10.8	21.2	30.3	40.3	69.9	98.7	149.0	269.2
1989	13.3	5.8	11.0	18.1	34.2	47.9	71.7	112.6	157.3	277.8
1988	14.4	8.0	12.0	20.9	33.6	43.7	79.2	108.8	180.9	326.2
1987	13.4	7.1	11.9	19.5	30.4	50.4	74.9	99.0	174.3	287.5
1986	13.5	6.3	10.4	18.7	35.3	48.7	69.7	111.0	162.4	306.5
1985	14.0	5.8	13.7	20.6	36.3	52.6	79.8	97.8	190.5	309.8
1984	13.0	7.0	11.2	21.0	29.6	47.9	80.4	101.9	184.2	258.1
1983	12.1	6.9	10.8	21.7	31.1	49.0	74.4	101.2	149.7	218.5
1982	12.2	5.8	10.3	23.0	35.1	49.7	73.6	96.4	169.6	216.1
1981	11.6	6.6	12.6	19.1	32.6	49.0	73.1	88.5	170.5	183.2
1980	12.3	8.4	15.0	22.4	40.2	48.9	74.9	97.0	143.8	227.3
1979	10.8	8.7	13.6	21.7	34.6	45.6	67.2	83.5	121.8	160.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
All races, both sexes										
1998	0.1	*	*	*	*	0.2	0.4	0.7	1.2	2.2
1997	0.1	*	*	*	*	*	0.4	0.7	1.3	2.4
1996	0.1	*	*	*	*	0.3	0.3	0.8	1.3	2.1
1995	0.1	*	*	*	*	0.2	0.4	0.7	1.2	2.2
1994	0.1	*	*	*	*	0.2	0.3	0.8	1.3	2.5
1993	0.1	*	*	*	*	0.2	0.3	0.7	1.1	2.3
1992	0.1	*	*	*	0.3	0.2	0.4	0.8	1.3	1.9
1991	0.1	*	*	*	*	0.3	0.3	0.8	1.2	2.9
1990	0.1	*	*	*	*	0.3	0.3	0.6	1.2	2.4
1989	0.1	*	*	*	0.2	0.4	0.4	0.8	1.5	1.7
1988	0.1	*	*	*	0.2	0.3	0.5	0.9	1.2	2.4
1987	0.1	*	*	*	*	0.2	0.5	0.5	1.7	1.8
1986	0.1	*	*	*	0.2	0.3	0.4	0.7	1.6	2.1
1985	0.1	*	*	*	0.3	0.3	0.5	1.0	1.6	2.7
1984	0.1	*	*	*	*	0.3	0.5	1.1	1.6	2.3
1983	0.2	*	*	0.2	0.2	0.4	0.6	1.1	1.7	3.0
1982	0.1	*	*	0.2	0.2	0.2	0.6	0.9	1.8	2.2
1981	0.1	*	*	*	*	0.4	0.7	1.0	1.4	2.3
1980	0.1	*	*	*	0.3	0.3	0.6	1.0	1.8	2.9
1979	0.2	*	*	*	*	0.4	0.6	1.0	2.0	2.5
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
All races, male										
1998	0.1	*	*	*	*	*	0.5	*	1.4	3.5
1997	0.1	*	*	*	*	*	*	0.8	1.6	3.2
1996	0.1	*	*	*	*	*	*	1.3	1.3	2.5
1995	0.1	*	*	*	*	*	*	0.9	1.4	3.2
1994	0.1	*	*	*	*	*	*	0.9	1.6	2.9
1993	0.1	*	*	*	*	*	*	*	*	2.8
1992	0.1	*	*	*	*	*	*	1.0	1.6	2.9
1991	0.1	*	*	*	*	*	*	1.2	*	3.9
1990	0.1	*	*	*	*	*	*	*	*	3.0
1989	0.1	*	*	*	*	0.5	*	1.0	2.0	*
1988	0.1	*	*	*	*	*	0.7	1.3	*	3.1
1987	0.1	*	*	*	*	*	0.6	*	2.4	2.5
1986	0.1	*	*	*	*	*	*	*	1.9	3.0
1985	0.1	*	*	*	0.4	*	*	1.3	1.9	2.8
1984	0.1	*	*	*	*	*	*	1.8	1.8	3.1
1983	0.2	*	*	*	*	0.5	0.9	1.4	2.3	3.4
1982	0.1	*	*	*	*	*	*	1.0	2.4	3.8
1981	0.1	*	*	*	*	*	0.8	1.4	*	3.4
1980	0.1	*	*	*	*	*	0.7	1.2	2.4	3.4
1979	0.2	*	*	*	*	0.5	0.8	1.5	2.5	3.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over	
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)											
All races, female											
1998	0.1	*	*	*	*	*	*	*	0.7	1.1	1.7
1997	0.1	*	*	*	*	*	*	*	0.6	1.1	2.0
1996	0.1	*	*	*	*	*	*	*	0.5	1.4	1.9
1995	0.1	*	*	*	*	*	0.4	0.6	1.0	1.8	
1994	0.1	*	*	*	*	*	*	0.7	1.1	2.3	
1993	0.1	*	*	*	*	*	*	0.6	1.1	2.0	
1992	0.1	*	*	*	*	*	0.4	0.6	1.2	1.5	
1991	0.1	*	*	*	*	*	*	0.5	1.1	2.6	
1990	0.1	*	*	*	*	*	*	*	1.1	2.2	
1989	0.1	*	*	*	*	*	*	0.7	1.3	1.6	
1988	0.1	*	*	*	*	*	0.4	0.6	1.1	2.2	
1987	0.1	*	*	*	*	*	0.4	*	1.3	1.5	
1986	0.1	*	*	*	*	*	*	0.6	1.4	1.8	
1985	0.2	*	*	*	*	*	0.6	0.8	1.4	2.7	
1984	0.1	*	*	*	*	*	0.5	0.6	1.6	2.0	
1983	0.2	*	*	*	*	*	*	0.8	1.4	2.8	
1982	0.1	*	*	*	*	*	0.6	0.9	1.5	1.5	
1981	0.1	*	*	*	*	0.4	0.6	0.7	1.3	1.9	
1980	0.1	*	*	*	*	*	*	0.8	1.6	2.6	
1979	0.1	*	*	*	*	*	*	0.8	1.8	2.2	
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)											
White, both sexes											
1998	0.1	*	*	*	*	*	0.4	0.6	1.2	2.1	
1997	0.1	*	*	*	*	*	0.4	0.7	1.2	2.4	
1996	0.1	*	*	*	*	0.2	0.3	0.8	1.2	1.9	
1995	0.1	*	*	*	*	*	0.4	0.7	1.1	2.0	
1994	0.1	*	*	*	*	*	0.3	0.7	1.3	2.4	
1993	0.1	*	*	*	*	*	0.3	0.7	1.0	2.3	
1992	0.1	*	*	*	0.3	*	0.4	0.8	1.3	1.8	
1991	0.1	*	*	*	*	*	0.3	0.8	1.2	3.0	
1990	0.1	*	*	*	*	0.3	0.3	0.6	1.3	2.5	
1989	0.1	*	*	*	*	0.3	0.4	0.7	1.5	1.5	
1988	0.1	*	*	*	*	0.3	0.5	0.8	1.1	2.3	
1987	0.1	*	*	*	*	*	0.5	0.6	1.6	1.8	
1986	0.1	*	*	*	0.2	0.3	0.4	0.7	1.6	2.0	
1985	0.1	*	*	*	0.3	0.3	0.5	0.9	1.6	2.8	
1984	0.1	*	*	*	*	0.2	0.5	1.1	1.6	2.3	
1983	0.2	*	*	*	*	0.3	0.5	1.1	1.7	3.1	
1982	0.1	*	*	*	*	*	0.5	0.9	1.6	2.2	
1981	0.1	*	*	*	*	0.3	0.6	1.0	1.3	2.4	
1980	0.1	*	*	*	0.2	*	0.5	1.0	1.8	2.9	
1979	0.2	*	*	*	*	0.4	0.7	1.0	2.0	2.7	

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
White, male										
1998	0.1	*	*	*	*	*	0.6	*	1.4	3.7
1997	0.1	*	*	*	*	*	*	0.8	1.5	3.2
1996	0.1	*	*	*	*	*	*	1.2	1.3	2.6
1995	0.1	*	*	*	*	*	*	0.9	1.5	3.2
1994	0.1	*	*	*	*	*	*	0.9	1.6	2.6
1993	0.1	*	*	*	*	*	*	*	*	2.9
1992	0.1	*	*	*	*	*	*	1.0	1.6	2.7
1991	0.1	*	*	*	*	*	*	1.2	*	4.1
1990	0.1	*	*	*	*	*	*	*	*	3.2
1989	0.1	*	*	*	*	*	*	0.9	2.2	*
1988	0.1	*	*	*	*	*	*	1.3	*	3.1
1987	0.1	*	*	*	*	*	*	*	2.4	*
1986	0.1	*	*	*	*	*	*	*	1.8	3.0
1985	0.1	*	*	*	*	*	*	1.1	*	2.9
1984	0.1	*	*	*	*	*	*	1.8	*	3.1
1983	0.1	*	*	*	*	*	0.8	1.5	2.1	3.8
1982	0.1	*	*	*	*	*	*	*	2.0	3.7
1981	0.1	*	*	*	*	*	*	1.4	*	3.3
1980	0.1	*	*	*	*	*	*	1.2	2.3	3.4
1979	0.2	*	*	*	*	*	0.9	1.5	2.6	3.7
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
White, female										
1998	0.1	*	*	*	*	*	*	0.6	1.1	1.5
1997	0.1	*	*	*	*	*	*	0.6	1.0	2.0
1996	0.1	*	*	*	*	*	*	*	1.1	1.6
1995	0.1	*	*	*	*	*	*	0.6	0.9	1.6
1994	0.1	*	*	*	*	*	*	0.6	1.0	2.3
1993	0.1	*	*	*	*	*	*	0.6	0.9	2.1
1992	0.1	*	*	*	*	*	*	0.7	1.2	1.4
1991	0.1	*	*	*	*	*	*	*	1.0	2.6
1990	0.1	*	*	*	*	*	*	*	1.1	2.2
1989	0.1	*	*	*	*	*	*	0.6	1.2	1.4
1988	0.1	*	*	*	*	*	*	*	1.0	1.9
1987	0.1	*	*	*	*	*	*	*	1.2	1.6
1986	0.1	*	*	*	*	*	*	*	1.4	1.5
1985	0.2	*	*	*	*	*	0.5	0.7	1.5	2.7
1984	0.1	*	*	*	*	*	*	*	1.5	1.9
1983	0.2	*	*	*	*	*	*	0.9	1.5	2.8
1982	0.1	*	*	*	*	*	*	0.8	1.4	1.6
1981	0.1	*	*	*	*	*	0.5	*	1.3	2.0
1980	0.1	*	*	*	*	*	*	0.9	1.6	2.7
1979	0.1	*	*	*	*	*	*	*	1.6	2.3

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
All other, male										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
Black, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Acute and rapidly progressive nephritic and nephrotic syndrome (580-581)										
Black, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
All races, both sexes										
1998	0.6	0.2	0.2	0.4	0.6	1.0	2.3	3.6	6.5	14.3
1997	0.6	0.2	0.3	0.4	0.6	1.1	2.2	3.5	6.2	12.8
1996	0.6	0.3	0.3	0.3	0.5	1.1	2.2	3.5	5.9	14.4
1995	0.6	*	0.3	0.4	0.7	1.2	2.0	3.4	5.3	12.3
1994	0.6	0.2	0.2	0.4	0.7	1.1	2.1	3.8	6.6	12.6
1993	0.6	0.2	0.3	0.4	0.7	1.2	2.5	3.6	6.4	13.5
1992	0.6	0.2	0.3	0.4	0.6	1.4	1.8	4.0	5.8	13.2
1991	0.6	0.2	0.3	0.4	0.7	1.3	2.2	3.8	6.2	13.0
1990	0.6	0.2	0.4	0.5	0.8	1.2	2.3	3.9	6.6	12.8
1989	0.6	0.2	0.3	0.7	0.8	1.5	2.1	3.7	6.7	13.3
1988	0.6	0.2	0.3	0.5	0.8	1.5	2.1	3.9	6.8	14.2
1987	0.6	0.2	0.3	0.4	0.9	1.1	2.5	4.5	6.6	14.5
1986	0.6	0.2	0.3	0.6	0.9	1.4	2.8	4.3	6.8	12.8
1985	0.7	0.2	0.4	0.6	0.7	1.5	2.8	4.4	7.4	15.4
1984	0.8	0.3	0.4	0.6	1.0	1.8	3.0	5.1	9.1	17.7
1983	0.8	0.3	0.4	0.8	0.9	1.7	3.5	6.3	9.3	17.5
1982	0.8	0.4	0.5	0.7	1.3	2.1	3.5	6.3	9.3	18.3
1981	0.9	0.4	0.5	0.8	1.2	2.1	3.8	7.1	11.3	18.0
1980	1.0	0.5	0.6	0.9	1.5	2.6	4.4	7.1	12.0	22.2
1979	1.1	0.4	0.7	0.9	1.6	3.2	4.5	7.4	12.7	22.1
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
All races, male										
1998	0.6	0.2	*	0.6	0.6	1.2	2.8	4.5	9.4	19.2
1997	0.6	0.2	0.4	0.5	0.8	1.0	2.6	4.6	8.4	19.5
1996	0.6	0.3	0.4	*	0.5	1.4	2.7	4.9	8.4	19.9
1995	0.6	*	*	0.6	0.9	1.4	2.5	5.0	7.3	17.8
1994	0.6	*	*	0.5	0.8	1.4	2.3	5.0	8.8	17.0
1993	0.6	0.3	0.3	0.5	0.9	1.5	3.2	4.7	8.5	21.1
1992	0.6	0.3	0.3	0.6	0.8	1.8	2.1	5.3	8.3	20.6
1991	0.6	*	0.5	0.4	0.9	1.4	2.7	4.5	9.7	21.1
1990	0.6	*	0.5	0.5	1.1	1.5	2.9	5.0	8.5	19.3
1989	0.6	*	0.4	0.9	0.8	1.5	2.5	4.6	8.3	19.1
1988	0.7	*	*	0.5	1.0	1.8	2.8	5.6	10.1	22.8
1987	0.6	*	0.5	0.5	1.1	1.5	3.1	5.9	8.0	20.1
1986	0.7	*	*	0.7	1.2	1.7	3.6	5.9	8.9	20.8
1985	0.7	*	0.5	0.7	0.8	2.0	3.4	5.3	9.3	22.2
1984	0.8	*	0.4	0.6	1.3	2.3	4.1	6.8	11.1	25.2
1983	0.8	*	0.4	0.9	1.0	1.9	4.1	8.6	12.6	22.3
1982	0.9	0.5	0.5	0.8	1.4	2.3	4.3	8.3	11.5	30.3
1981	0.9	0.5	0.6	0.8	1.5	2.5	4.3	8.8	12.9	25.4
1980	1.0	0.5	0.6	1.1	1.8	3.3	5.6	9.5	16.8	31.1
1979	1.1	0.5	0.9	1.1	2.1	4.1	5.9	10.2	16.7	32.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
All races, female										
1998	0.6	*	*	0.3	0.7	0.8	1.9	3.0	4.9	12.4
1997	0.6	*	*	0.4	0.4	1.2	1.8	2.8	5.0	10.2
1996	0.6	*	*	*	0.6	0.9	1.9	2.6	4.5	12.2
1995	0.6	*	0.3	*	0.7	1.0	1.6	2.4	4.2	10.1
1994	0.6	*	*	0.4	0.7	0.9	2.0	3.0	5.4	10.9
1993	0.6	*	*	*	0.6	1.0	2.0	2.9	5.2	10.5
1992	0.6	*	*	*	*	1.1	1.6	3.1	4.6	10.4
1991	0.6	*	*	0.4	0.6	1.3	1.8	3.4	4.3	10.0
1990	0.6	*	*	0.5	0.5	1.0	1.9	3.2	5.6	10.3
1989	0.6	*	*	0.4	0.7	1.5	1.7	3.1	5.9	11.0
1988	0.6	*	*	0.5	0.6	1.3	1.6	2.9	5.1	10.9
1987	0.6	*	*	0.4	0.6	0.8	2.1	3.6	5.8	12.3
1986	0.6	*	*	0.4	0.7	1.2	2.2	3.3	5.7	9.7
1985	0.7	*	*	0.4	0.7	1.2	2.4	3.9	6.4	12.7
1984	0.8	*	0.4	0.6	0.8	1.4	2.1	4.0	8.0	14.7
1983	0.8	*	0.4	0.7	0.9	1.6	3.1	4.8	7.6	15.5
1982	0.8	*	0.5	0.6	1.2	1.8	2.9	5.1	8.2	13.4
1981	0.9	0.4	0.5	0.8	1.0	1.9	3.4	6.0	10.4	14.9
1980	1.0	0.5	0.6	0.7	1.3	2.0	3.5	5.6	9.5	18.4
1979	1.0	0.4	0.6	0.8	1.1	2.4	3.5	5.7	10.5	17.7
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
White, both sexes										
1998	0.6	0.2	0.2	0.4	0.5	0.9	2.0	3.2	6.2	13.1
1997	0.6	0.1	0.3	0.4	0.5	1.1	1.9	3.3	5.7	12.3
1996	0.6	0.2	0.2	0.2	0.4	0.9	1.9	3.4	5.6	13.3
1995	0.5	*	0.2	0.4	0.6	1.0	1.7	3.2	5.1	11.7
1994	0.6	*	*	0.3	0.5	1.0	1.9	3.3	6.2	11.7
1993	0.6	*	0.3	0.3	0.6	1.0	2.2	3.3	5.8	12.5
1992	0.6	0.2	0.3	0.3	0.5	1.2	1.5	3.8	5.6	12.1
1991	0.6	0.2	0.2	0.3	0.7	1.0	1.9	3.4	5.7	12.3
1990	0.6	0.2	0.3	0.4	0.7	1.0	2.1	3.3	6.1	11.9
1989	0.6	*	*	0.6	0.6	1.2	1.9	3.3	6.2	12.3
1988	0.6	0.2	0.3	0.4	0.7	1.4	1.9	3.6	6.4	13.6
1987	0.6	0.2	0.3	0.4	0.7	0.9	2.1	4.1	6.2	13.7
1986	0.6	0.2	0.2	0.4	0.8	1.2	2.3	3.9	6.3	11.9
1985	0.6	*	0.3	0.5	0.7	1.4	2.5	3.9	6.6	14.6
1984	0.7	0.2	0.3	0.5	0.9	1.7	2.6	4.9	8.4	16.4
1983	0.8	0.3	0.3	0.6	0.7	1.6	2.9	5.6	8.5	16.9
1982	0.8	0.2	0.4	0.5	1.1	1.9	3.1	5.8	8.5	17.8
1981	0.8	0.3	0.5	0.7	1.0	1.9	3.3	6.7	10.7	17.3
1980	0.9	0.4	0.4	0.6	1.2	2.1	3.7	6.3	10.6	20.7
1979	1.0	0.3	0.5	0.7	1.2	2.5	3.9	6.6	11.8	20.9

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
White, male										
1998	0.6	*	*	0.5	0.5	1.0	2.3	3.9	9.0	17.9
1997	0.6	*	*	*	0.8	1.0	2.3	4.1	8.1	18.9
1996	0.6	0.3	*	*	*	1.2	2.5	4.5	7.8	19.0
1995	0.6	*	*	0.5	0.7	1.3	2.2	4.4	7.0	16.7
1994	0.5	*	*	*	0.5	1.2	2.1	4.5	8.7	16.2
1993	0.6	*	*	*	0.8	1.3	2.8	4.5	7.2	20.5
1992	0.6	*	*	*	0.7	1.6	1.8	4.9	7.9	19.2
1991	0.6	*	*	*	0.8	1.0	2.4	4.0	9.1	20.3
1990	0.6	*	*	*	0.9	1.1	2.6	4.5	7.7	17.8
1989	0.6	*	*	0.8	0.7	1.4	2.4	4.5	7.5	18.0
1988	0.6	*	*	*	0.8	1.6	2.5	5.4	9.4	22.2
1987	0.6	*	*	*	1.0	1.3	2.7	5.4	7.6	19.6
1986	0.6	*	*	0.5	1.0	1.6	3.0	5.5	8.3	19.3
1985	0.6	*	*	0.6	0.8	1.8	2.9	4.7	8.3	21.2
1984	0.8	*	*	0.6	1.1	2.2	3.8	6.7	10.3	23.0
1983	0.7	*	*	0.7	0.8	1.6	3.4	7.6	11.2	21.4
1982	0.8	*	0.4	0.7	1.1	2.2	3.9	8.0	10.8	30.0
1981	0.8	0.4	0.5	0.7	1.3	2.1	3.6	8.8	11.9	24.3
1980	0.9	*	*	0.9	1.5	2.7	4.7	8.4	14.9	29.5
1979	1.0	*	0.6	0.9	1.8	3.3	5.1	9.3	16.2	30.1
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
White, female										
1998	0.6	*	*	*	0.5	0.7	1.7	2.8	4.5	11.2
1997	0.6	*	*	*	*	1.1	1.6	2.7	4.4	9.7
1996	0.6	*	*	*	0.4	0.6	1.4	2.6	4.4	11.1
1995	0.5	*	*	*	0.6	0.8	1.3	2.3	4.0	9.7
1994	0.6	*	*	*	0.5	0.8	1.7	2.5	4.8	10.1
1993	0.6	*	*	*	*	0.7	1.7	2.6	5.1	9.5
1992	0.5	*	*	*	*	0.9	1.3	3.0	4.3	9.4
1991	0.6	*	*	*	0.5	1.0	1.6	3.1	3.9	9.2
1990	0.6	*	*	*	0.4	0.9	1.7	2.6	5.3	9.7
1989	0.6	*	*	*	0.6	1.1	1.5	2.6	5.5	10.1
1988	0.6	*	*	0.5	0.5	1.2	1.5	2.5	4.8	10.3
1987	0.6	*	*	*	0.5	0.5	1.8	3.3	5.5	11.5
1986	0.5	*	*	*	0.5	1.0	1.8	2.9	5.2	9.1
1985	0.6	*	*	*	0.6	1.1	2.2	3.5	5.7	12.0
1984	0.7	*	*	0.4	0.6	1.3	1.8	3.8	7.4	13.7
1983	0.8	*	*	0.5	0.7	1.6	2.6	4.4	7.1	15.1
1982	0.7	*	*	*	1.0	1.7	2.4	4.5	7.3	12.9
1981	0.9	*	0.4	0.7	0.7	1.6	3.0	5.4	10.0	14.4
1980	0.8	*	0.4	0.4	0.9	1.6	2.9	5.0	8.3	16.9
1979	0.9	*	0.4	0.6	0.8	1.9	3.0	5.0	9.4	16.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
All other, both sexes										
1998	0.7	*	*	*	1.6	1.7	4.6	6.9	10.4	26.2
1997	0.6	*	*	*	1.4	*	4.1	5.8	11.2	17.8
1996	0.7	*	*	*	*	2.9	5.5	5.3	8.4	25.1
1995	0.6	*	*	*	1.5	2.2	4.4	6.0	8.1	18.3
1994	0.7	*	*	1.3	1.8	2.1	4.1	8.1	10.3	21.4
1993	0.8	*	*	*	2.1	3.0	5.2	6.5	11.8	23.2
1992	0.7	*	*	1.5	*	2.7	4.2	5.9	8.5	25.0
1991	0.8	*	*	*	*	3.6	4.5	7.6	11.5	21.3
1990	0.8	*	*	1.5	1.6	3.1	4.6	9.4	11.4	21.9
1989	0.8	*	*	*	1.7	3.8	3.7	7.1	12.6	23.8
1988	0.7	*	*	*	*	2.5	3.8	6.7	11.6	21.0
1987	0.8	*	*	*	1.8	3.0	5.7	7.6	10.7	22.5
1986	0.9	*	*	1.8	2.2	3.2	7.2	8.0	12.8	22.5
1985	0.9	*	*	1.5	*	2.7	5.4	9.0	15.8	24.2
1984	1.0	*	*	1.7	2.4	2.5	6.0	6.7	17.2	32.7
1983	1.1	*	*	3.0	3.0	3.0	8.5	12.4	18.3	23.6
1982	1.2	*	1.5	2.0	3.5	3.5	7.3	11.1	18.7	24.0
1981	1.2	*	*	1.7	3.2	4.5	9.1	11.3	18.3	25.8
1980	1.7	*	2.1	3.3	4.7	7.0	11.0	15.4	29.2	39.6
1979	1.7	*	2.4	2.4	4.5	8.8	10.5	15.2	23.2	35.6
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
All other, male										
1998	0.7	*	*	*	*	*	6.8	10.6	13.3	30.7
1997	0.7	*	*	*	*	*	5.2	8.8	*	24.4
1996	0.7	*	*	*	*	*	5.3	8.8	13.9	28.1
1995	0.7	*	*	*	*	*	5.4	10.4	*	28.1
1994	0.7	*	*	*	*	*	*	9.6	*	25.1
1993	0.8	*	*	*	*	*	6.6	*	20.8	27.1
1992	0.8	*	*	*	*	*	*	9.1	*	33.7
1991	0.8	*	*	*	*	4.3	*	8.8	15.8	28.2
1990	0.9	*	*	*	*	4.6	*	9.8	16.2	33.2
1989	0.8	*	*	*	*	*	*	*	16.5	29.6
1988	0.8	*	*	*	*	*	*	*	17.1	29.1
1987	0.9	*	*	*	*	*	6.8	10.2	*	*
1986	1.0	*	*	*	*	*	8.9	9.5	*	34.7
1985	1.0	*	*	*	*	*	7.3	10.7	19.2	31.5
1984	1.0	*	*	*	*	*	7.4	*	19.8	45.8
1983	1.3	*	*	*	*	*	9.9	17.3	26.8	30.4
1982	1.2	*	*	*	4.4	*	7.3	11.0	*	32.8
1981	1.1	*	*	*	*	5.6	11.3	*	23.1	35.9
1980	1.7	*	*	*	4.5	8.8	13.4	19.5	36.7	47.7
1979	1.9	*	3.6	*	4.9	11.1	13.3	18.5	*	50.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
All other, female										
1998	0.7	*	*	*	*	*	*	4.5	8.8	24.3
1997	0.6	*	*	*	*	*	*	*	10.7	15.1
1996	0.7	*	*	*	*	*	5.6	*	*	23.8
1995	0.6	*	*	*	*	*	3.7	*	*	14.1
1994	0.8	*	*	*	*	*	4.5	7.2	10.9	19.7
1993	0.7	*	*	*	*	*	4.2	6.0	*	21.5
1992	0.6	*	*	*	*	*	*	*	*	21.1
1991	0.7	*	*	*	*	3.2	*	6.8	9.2	18.2
1990	0.8	*	*	*	*	*	*	9.1	*	16.8
1989	0.8	*	*	*	*	4.8	*	7.9	10.4	21.0
1988	0.6	*	*	*	*	*	*	6.1	*	17.2
1987	0.8	*	*	*	*	*	4.9	6.0	*	21.5
1986	0.8	*	*	*	*	*	6.1	7.1	11.6	16.7
1985	0.8	*	*	*	*	*	*	8.0	13.9	20.7
1984	1.0	*	*	*	*	*	4.9	*	15.7	26.2
1983	1.0	*	*	2.8	*	*	7.5	9.2	13.3	20.1
1982	1.1	*	*	*	*	*	7.2	11.2	19.1	19.5
1981	1.2	*	*	*	3.6	*	7.5	12.4	15.3	20.5
1980	1.6	*	*	3.3	4.8	5.6	9.2	12.5	24.7	35.4
1979	1.5	*	*	*	4.2	7.0	8.3	12.8	23.9	28.1
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
Black, both sexes										
1998	0.9	*	*	*	2.0	2.2	5.2	8.7	12.7	28.2
1997	0.8	*	*	*	*	*	5.1	5.9	12.5	20.4
1996	0.8	*	*	*	*	3.3	6.5	6.4	9.1	28.5
1995	0.8	*	*	*	*	2.7	5.5	6.8	9.8	19.7
1994	0.9	*	*	*	2.1	2.5	4.6	9.2	11.1	24.3
1993	0.9	*	*	*	2.5	3.7	6.1	7.3	13.0	25.1
1992	0.9	*	*	*	*	3.2	4.9	6.7	8.9	28.6
1991	0.9	*	*	*	*	3.7	5.5	8.8	12.4	24.1
1990	1.0	*	*	2.0	*	3.5	5.3	10.1	12.1	23.8
1989	1.0	*	*	*	*	4.4	4.3	7.7	14.2	25.9
1988	0.8	*	*	*	*	3.0	3.5	7.0	12.9	21.5
1987	0.9	*	*	*	2.3	3.2	6.1	8.2	12.2	22.6
1986	1.0	*	*	2.0	2.4	3.7	8.5	8.8	13.7	22.9
1985	1.0	*	*	*	*	3.0	5.8	9.7	17.1	27.2
1984	1.1	*	*	1.9	2.5	2.9	6.9	7.6	19.5	32.1
1983	1.3	*	*	3.3	3.5	3.4	9.4	13.7	18.9	25.5
1982	1.3	*	*	2.5	4.1	3.8	8.1	11.6	19.7	24.4
1981	1.3	*	*	1.9	3.4	4.8	10.0	11.4	20.6	27.4
1980	1.9	*	2.2	3.7	4.9	7.7	12.0	17.3	31.5	42.8
1979	1.8	*	2.6	2.7	5.0	9.2	11.3	16.2	24.9	34.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
Black, male										
1998	0.9	*	*	*	*	*	8.0	13.8	18.0	37.1
1997	0.8	*	*	*	*	*	7.1	9.8	*	28.3
1996	0.9	*	*	*	*	*	*	11.1	*	36.4
1995	0.9	*	*	*	*	*	7.3	12.0	*	32.1
1994	0.9	*	*	*	*	*	*	11.9	*	29.3
1993	1.0	*	*	*	*	*	8.0	*	23.8	28.6
1992	1.0	*	*	*	*	*	*	11.0	*	40.6
1991	0.9	*	*	*	*	*	*	*	*	33.3
1990	1.1	*	*	*	*	*	*	*	*	37.7
1989	1.0	*	*	*	*	*	*	*	*	34.8
1988	0.9	*	*	*	*	*	*	*	*	30.8
1987	1.0	*	*	*	*	*	8.0	12.0	*	*
1986	1.2	*	*	*	*	*	10.9	*	*	38.1
1985	1.1	*	*	*	*	*	8.9	*	*	37.1
1984	1.2	*	*	*	*	*	8.6	*	*	47.5
1983	1.5	*	*	*	*	*	11.5	19.4	29.3	*
1982	1.3	*	*	*	5.3	*	*	12.4	*	36.2
1981	1.3	*	*	*	*	6.0	12.6	*	26.0	37.5
1980	1.9	*	*	*	*	9.9	14.9	22.2	38.7	52.8
1979	2.0	*	4.0	*	5.4	11.5	14.6	19.3	*	51.9
Chronic glomerulonephritis, nephrosis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (582-583,587)										
Black, female										
1998	0.8	*	*	*	*	*	*	*	10.1	24.8
1997	0.8	*	*	*	*	*	*	*	11.0	17.3
1996	0.8	*	*	*	*	*	6.6	*	*	25.5
1995	0.7	*	*	*	*	*	*	*	*	14.9
1994	1.0	*	*	*	*	*	*	7.6	12.0	22.4
1993	0.9	*	*	*	*	*	4.8	6.4	*	23.7
1992	0.8	*	*	*	*	*	*	*	*	23.7
1991	0.9	*	*	*	*	*	*	7.8	10.1	20.2
1990	0.9	*	*	*	*	*	*	10.5	*	17.9
1989	1.0	*	*	*	*	5.5	*	8.0	11.9	22.2
1988	0.7	*	*	*	*	*	*	*	*	17.4
1987	0.9	*	*	*	*	*	*	*	*	21.5
1986	0.9	*	*	*	*	*	6.9	7.5	12.1	15.9
1985	0.9	*	*	*	*	*	*	8.8	15.8	22.6
1984	1.1	*	*	*	*	*	5.7	*	17.8	24.8
1983	1.2	*	*	*	*	*	8.1	10.0	*	22.6
1982	1.2	*	*	*	*	*	8.2	11.2	19.6	18.6
1981	1.3	*	*	*	*	*	8.2	12.3	17.4	22.1
1980	1.8	*	*	3.5	5.3	6.1	10.0	14.0	27.2	37.7
1979	1.7	*	*	*	4.7	7.5	8.9	14.0	25.0	26.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Renal failure (584-586)										
All races, both sexes										
1998	8.7	2.0	2.9	5.4	9.5	16.9	31.3	52.6	95.4	201.7
1997	8.5	1.7	2.9	5.6	10.0	16.8	30.7	51.1	91.9	200.6
1996	8.3	1.8	3.1	5.0	9.8	16.0	30.1	50.6	91.1	191.1
1995	8.2	1.8	3.0	5.2	10.1	16.7	28.9	51.6	89.3	189.4
1994	8.0	1.8	2.8	5.5	9.4	16.3	30.2	49.3	88.4	187.6
1993	8.2	1.9	2.9	6.1	10.2	18.0	29.8	50.9	90.9	191.7
1992	7.9	1.8	3.1	5.4	9.6	16.9	29.3	49.6	87.7	187.9
1991	7.7	1.6	3.1	5.1	9.6	16.4	28.9	48.7	87.1	183.7
1990	7.6	2.0	3.1	5.2	9.6	16.0	29.1	48.8	87.2	183.8
1989	7.8	1.8	3.6	5.8	10.0	17.2	29.2	51.4	89.9	185.6
1988	8.4	2.2	3.8	6.3	11.2	18.4	30.7	55.3	97.4	204.7
1987	8.3	2.2	3.8	6.3	10.8	18.6	32.2	56.1	97.4	204.7
1986	8.3	2.4	3.6	5.8	11.6	18.4	32.6	56.9	97.7	203.7
1985	8.1	2.4	3.4	6.4	11.4	19.0	33.3	53.5	98.8	198.5
1984	7.6	2.1	3.2	5.9	10.9	18.0	31.9	53.8	90.5	182.9
1983	7.1	2.1	3.6	6.2	10.2	16.8	29.9	50.6	89.9	169.7
1982	6.8	1.9	3.2	6.3	10.1	17.2	29.6	46.8	84.9	162.1
1981	6.5	2.0	3.4	5.9	9.6	16.5	28.8	45.8	80.9	151.9
1980	6.2	2.2	3.6	5.9	9.7	15.9	27.1	45.8	76.1	148.8
1979	5.8	2.4	3.6	5.4	9.2	15.0	25.3	43.3	71.0	130.5
Renal failure (584-586)										
All races, male										
1998	8.6	2.7	3.5	6.1	10.9	19.3	37.4	65.8	127.2	283.0
1997	8.4	2.2	3.3	6.4	10.9	19.9	37.9	64.8	120.4	282.9
1996	8.1	2.1	3.5	5.8	11.7	18.0	37.2	63.0	123.2	266.5
1995	8.0	2.3	3.4	6.0	11.2	20.0	35.1	66.5	117.6	269.1
1994	7.8	2.1	3.3	6.1	10.3	18.2	35.9	60.9	121.0	267.7
1993	8.1	2.4	3.3	7.0	11.1	21.5	36.1	65.4	122.8	275.2
1992	7.9	2.3	3.6	6.2	11.2	19.7	35.7	64.7	121.1	274.0
1991	7.7	2.1	3.6	6.0	11.5	19.4	35.7	64.3	117.5	261.3
1990	7.5	2.3	3.5	5.6	10.4	18.7	36.0	65.2	119.9	259.0
1989	7.8	2.1	4.1	6.9	12.1	20.4	37.1	66.9	123.7	261.5
1988	8.3	2.6	4.6	7.2	13.1	22.2	37.3	73.5	131.1	288.5
1987	8.5	2.7	4.6	7.3	13.0	22.0	40.3	75.1	135.4	299.7
1986	8.5	2.9	4.4	6.6	13.9	22.0	43.1	75.7	140.4	295.9
1985	8.3	2.7	3.6	7.5	12.9	22.9	42.8	73.5	132.8	293.8
1984	7.8	2.3	3.6	6.5	13.2	21.8	40.3	71.8	129.6	271.6
1983	7.3	2.4	4.1	7.3	11.6	19.4	38.2	66.6	127.3	245.4
1982	7.1	2.3	4.0	7.4	11.6	20.5	38.4	63.4	119.2	241.0
1981	6.8	2.4	3.9	7.2	11.5	19.8	38.3	62.4	111.5	223.1
1980	6.6	2.5	3.8	6.9	11.3	20.7	34.9	64.0	107.7	220.5
1979	6.2	2.5	4.1	6.5	11.1	18.2	32.8	61.0	104.2	198.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Renal failure (584-586)										
All races, female										
1998	8.9	1.3	2.4	4.8	8.2	14.8	26.6	43.4	76.9	169.4
1997	8.7	1.3	2.5	4.8	9.2	14.2	25.2	41.7	75.7	168.3
1996	8.5	1.4	2.7	4.3	8.0	14.3	24.7	42.2	73.0	161.9
1995	8.3	1.5	2.6	4.4	9.1	13.9	24.2	41.6	73.6	158.7
1994	8.3	1.4	2.3	4.8	8.6	14.8	25.9	41.5	70.6	156.9
1993	8.4	1.4	2.5	5.3	9.5	15.1	25.0	41.3	73.6	159.8
1992	7.9	1.3	2.6	4.6	8.2	14.6	24.5	39.7	69.8	155.0
1991	7.7	1.2	2.6	4.2	7.8	14.0	23.7	38.6	70.9	154.0
1990	7.7	1.7	2.8	4.9	9.0	13.8	24.0	38.2	69.9	154.7
1989	7.8	1.5	3.1	4.7	8.2	14.7	23.3	41.4	72.0	156.1
1988	8.5	1.9	3.1	5.5	9.6	15.3	25.9	43.6	79.6	172.0
1987	8.2	1.7	3.1	5.3	8.9	15.9	26.2	44.0	77.5	167.3
1986	8.1	2.0	2.8	5.1	9.7	15.5	25.0	45.0	75.3	167.1
1985	8.0	2.1	3.1	5.5	10.1	15.9	26.3	40.9	81.0	160.4
1984	7.4	1.9	2.9	5.4	9.0	14.9	25.9	42.4	69.9	147.0
1983	7.1	1.7	3.1	5.3	9.0	14.6	23.9	40.5	70.2	138.7
1982	6.5	1.5	2.4	5.2	8.8	14.5	23.2	36.3	66.8	129.2
1981	6.2	1.7	2.9	4.7	8.0	13.8	22.0	35.4	64.6	121.5
1980	5.9	2.0	3.5	4.9	8.3	12.0	21.4	34.5	59.2	117.5
1979	5.3	2.2	3.2	4.4	7.7	12.4	19.8	32.2	53.2	100.3
Renal failure (584-586)										
White, both sexes										
1998	8.7	1.4	2.2	3.9	7.6	14.9	27.5	48.4	91.3	194.5
1997	8.5	1.2	2.1	4.1	7.9	14.5	27.4	47.2	87.9	192.5
1996	8.1	1.3	2.3	3.9	8.0	13.5	26.9	46.6	85.4	182.9
1995	8.0	1.3	2.1	3.8	7.9	14.1	25.9	47.5	82.9	181.9
1994	7.9	1.2	2.1	4.0	7.3	13.7	27.2	45.5	84.3	181.2
1993	8.0	1.3	2.0	4.6	8.3	15.7	26.6	46.7	84.9	183.1
1992	7.7	1.2	2.1	3.9	7.5	14.3	26.1	46.0	82.3	180.7
1991	7.4	1.1	2.2	3.6	7.6	13.9	25.2	45.2	82.0	174.5
1990	7.2	1.3	2.2	3.6	7.5	13.5	25.2	44.5	81.1	176.7
1989	7.3	1.2	2.4	4.0	7.6	14.0	25.0	45.8	82.6	177.5
1988	7.9	1.4	2.7	4.6	8.8	15.6	26.8	50.1	89.9	195.9
1987	8.0	1.5	2.7	4.7	8.7	15.8	28.2	51.6	91.0	196.4
1986	7.9	1.6	2.5	4.3	9.2	15.4	29.0	51.2	91.6	194.7
1985	7.7	1.7	2.3	4.8	9.1	15.7	28.7	49.1	90.9	188.8
1984	7.2	1.5	2.4	4.5	8.7	15.2	27.6	49.4	82.8	177.1
1983	6.8	1.5	2.8	4.7	8.2	13.8	26.0	46.3	84.7	164.2
1982	6.4	1.4	2.2	4.6	8.0	14.0	25.7	42.7	78.1	156.5
1981	6.0	1.4	2.4	4.3	7.6	13.4	24.7	42.3	74.8	147.4
1980	5.7	1.5	2.6	4.2	7.4	13.0	23.1	41.0	71.0	142.5
1979	5.4	1.6	2.6	3.9	7.3	12.6	21.9	38.8	67.1	127.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Renal failure (584-586)										
White, male										
1998	8.6	1.9	2.6	4.3	8.7	17.7	34.2	62.1	124.7	279.6
1997	8.3	1.4	2.4	4.8	8.7	17.7	34.9	61.6	116.9	275.1
1996	8.0	1.5	2.7	4.5	9.8	15.6	34.1	58.9	120.0	259.2
1995	7.9	1.6	2.4	4.5	8.9	17.5	32.4	62.9	111.6	263.0
1994	7.7	1.3	2.5	4.6	8.3	15.5	32.9	58.5	118.4	264.5
1993	7.9	1.6	2.1	5.4	9.4	19.4	32.9	61.8	116.2	267.7
1992	7.7	1.5	2.6	4.6	9.2	17.2	32.6	61.5	114.5	267.8
1991	7.4	1.3	2.6	4.2	9.4	16.7	31.9	61.0	113.3	251.8
1990	7.1	1.4	2.6	4.0	8.1	16.2	31.7	61.1	112.8	253.0
1989	7.3	1.4	2.7	4.7	9.9	16.4	32.6	60.9	113.8	252.4
1988	7.9	1.6	3.4	5.4	10.8	18.9	34.3	68.1	123.0	283.3
1987	8.1	1.9	3.3	5.5	10.8	19.4	36.3	70.6	128.8	290.6
1986	8.1	1.8	3.1	5.0	11.6	18.9	39.3	69.4	133.9	288.1
1985	7.8	1.9	2.8	5.7	10.7	19.8	38.2	68.6	123.3	283.6
1984	7.4	1.6	2.6	5.0	10.5	19.1	36.2	67.9	121.3	267.0
1983	6.9	1.8	3.2	5.6	9.5	16.8	34.5	62.8	121.3	237.3
1982	6.7	1.7	2.7	5.8	9.7	17.3	34.3	59.7	110.9	234.9
1981	6.4	1.6	2.8	5.3	9.4	16.7	33.9	58.9	105.7	216.0
1980	6.1	1.7	2.8	5.1	9.3	18.0	30.8	58.2	100.9	212.5
1979	5.8	1.8	3.1	4.9	9.3	16.1	29.5	54.9	98.9	193.4
Renal failure (584-586)										
White, female										
1998	8.8	0.9	1.8	3.5	6.6	12.5	22.2	38.8	71.9	160.8
1997	8.6	0.9	1.8	3.5	7.1	11.8	21.5	37.2	71.2	160.3
1996	8.2	1.0	1.9	3.4	6.2	11.7	21.3	38.1	65.9	153.6
1995	8.1	1.0	1.8	3.0	7.1	11.3	20.9	37.0	66.9	151.0
1994	8.0	1.1	1.7	3.5	6.4	12.2	22.8	36.7	65.6	149.7
1993	8.1	1.0	1.8	3.8	7.3	12.7	21.8	36.6	68.0	151.2
1992	7.7	0.9	1.7	3.2	6.0	12.0	21.1	35.8	65.1	147.8
1991	7.4	0.9	2.0	3.1	5.9	11.6	20.2	34.8	65.3	145.3
1990	7.3	1.2	1.8	3.1	7.0	11.3	20.2	33.7	64.4	147.8
1989	7.3	1.0	2.1	3.2	5.5	12.0	19.4	36.0	66.2	149.0
1988	8.0	1.3	2.0	3.9	7.1	12.9	21.3	38.6	72.6	162.3
1987	7.8	1.1	2.1	3.9	6.9	12.8	22.3	39.5	71.4	159.9
1986	7.7	1.4	1.9	3.6	7.2	12.5	21.5	39.8	69.6	158.4
1985	7.5	1.5	1.9	4.0	7.7	12.4	21.8	36.8	74.1	151.7
1984	7.0	1.3	2.1	4.0	7.1	12.1	21.4	37.8	62.8	141.5
1983	6.6	1.1	2.3	4.0	7.0	11.4	19.9	36.1	65.6	134.8
1982	6.1	1.1	1.6	3.6	6.6	11.3	19.5	32.1	60.9	124.3
1981	5.7	1.3	2.0	3.4	6.0	10.7	18.1	32.0	58.6	118.7
1980	5.3	1.4	2.4	3.4	5.7	8.9	17.5	30.3	55.3	112.4
1979	4.9	1.5	2.2	3.0	5.6	9.8	16.4	28.9	50.3	97.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Renal failure (584-586)										
All other, both sexes										
1998	9.0	4.9	7.0	14.4	21.1	30.1	62.2	90.2	135.5	272.1
1997	8.9	4.8	7.5	14.4	23.5	32.9	57.9	86.5	132.4	281.1
1996	9.0	4.7	7.7	11.8	21.4	34.1	57.0	87.9	148.5	272.1
1995	9.1	4.8	8.1	13.8	24.0	35.3	54.8	90.1	154.3	264.4
1994	8.8	5.1	6.9	14.3	23.2	36.6	56.6	85.7	130.5	252.5
1993	9.4	5.5	8.6	15.7	23.5	35.5	58.0	91.7	151.7	279.7
1992	9.1	5.4	8.6	15.0	25.0	37.2	58.3	83.6	143.1	262.4
1991	9.2	5.0	8.3	14.4	24.2	36.8	61.5	82.5	139.9	280.7
1990	9.5	6.4	9.1	16.3	25.6	36.3	65.3	89.3	150.8	258.0
1989	10.5	5.1	11.0	18.2	28.7	44.8	67.0	104.3	165.9	271.5
1988	10.8	7.4	11.2	18.0	29.6	42.0	66.4	103.9	176.3	298.8
1987	10.4	6.6	11.1	17.9	27.5	43.1	68.8	98.5	165.6	294.2
1986	10.7	7.3	10.8	17.0	31.1	44.6	65.6	110.7	163.3	300.9
1985	10.9	6.3	10.3	19.0	30.6	47.4	75.2	95.8	184.9	304.5
1984	10.0	6.2	9.1	17.4	29.6	42.3	71.7	95.8	175.1	246.1
1983	9.3	5.9	9.2	18.0	27.4	42.5	65.7	91.6	148.5	231.3
1982	9.5	5.2	10.5	19.3	28.7	45.4	66.0	86.6	161.9	225.0
1981	9.2	6.1	10.8	19.2	27.9	43.7	67.6	80.0	151.0	203.2
1980	9.5	7.3	11.9	19.8	31.0	41.4	65.3	93.6	136.1	221.3
1979	8.5	7.5	11.7	18.1	26.9	36.3	58.4	86.8	116.5	170.1
Renal failure (584-586)										
All other, male										
1998	8.4	6.9	8.9	17.4	25.4	31.4	65.3	100.4	154.1	315.6
1997	8.5	6.6	8.8	16.9	25.9	36.3	64.5	95.5	157.7	355.3
1996	8.5	5.9	8.5	14.3	25.0	36.9	65.1	103.0	157.5	334.6
1995	8.8	6.1	9.6	15.3	27.4	40.2	59.9	101.6	180.0	325.1
1994	8.3	7.4	8.5	16.2	24.5	40.2	63.8	85.7	147.4	297.4
1993	9.1	7.3	10.8	17.9	23.3	38.9	66.5	102.3	189.8	345.5
1992	9.0	7.3	9.8	17.3	26.9	41.2	65.6	96.4	187.7	331.7
1991	9.3	7.1	10.2	19.2	28.7	42.5	72.0	96.8	159.3	350.0
1990	9.3	8.2	9.7	16.9	28.5	40.4	77.0	105.0	190.1	315.7
1989	10.9	6.4	13.5	23.2	30.0	56.1	80.1	123.9	222.3	345.7
1988	10.4	9.4	13.2	20.6	31.9	51.4	65.6	124.7	212.0	336.7
1987	10.5	7.9	13.6	21.6	32.3	45.8	79.2	118.1	201.8	385.7
1986	10.9	9.5	13.4	19.2	34.1	51.0	79.3	134.8	206.5	369.3
1985	10.9	7.4	9.6	22.6	32.4	51.1	86.7	118.9	228.8	390.4
1984	10.1	7.3	10.5	18.9	36.9	46.3	79.7	107.9	214.9	315.3
1983	9.3	6.5	10.5	21.0	30.6	42.9	73.0	102.0	189.7	323.2
1982	9.6	6.3	13.8	21.4	29.9	49.7	76.5	98.4	205.3	300.0
1981	9.6	8.0	12.4	23.9	31.7	48.1	79.2	94.6	172.5	293.8
1980	9.9	8.7	12.6	22.8	30.8	44.6	73.8	117.8	181.1	302.8
1979	9.1	7.8	12.9	20.1	27.5	37.5	64.8	115.2	160.5	252.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Renal failure (584-586)										
All other, female										
1998	9.5	3.2	5.3	12.0	17.6	29.2	60.1	83.7	125.7	253.9
1997	9.3	3.2	6.4	12.4	21.7	30.4	53.4	80.9	119.0	249.7
1996	9.4	3.6	7.0	9.7	18.6	32.0	51.5	78.4	143.8	245.7
1995	9.5	3.7	6.9	12.5	21.4	31.8	51.3	82.9	140.6	238.5
1994	9.2	3.2	5.6	12.7	22.2	33.9	51.7	85.7	121.4	233.3
1993	9.7	4.0	6.7	13.9	23.6	32.9	52.1	85.3	131.0	251.2
1992	9.2	3.7	7.5	13.2	23.5	34.3	53.3	75.7	118.4	232.0
1991	9.1	3.2	6.7	10.6	20.8	32.6	54.4	73.7	129.1	250.1
1990	9.7	4.8	8.6	15.8	23.5	33.3	57.3	79.6	128.7	231.8
1989	10.1	4.1	8.9	14.2	27.8	36.4	58.0	92.1	134.4	235.8
1988	11.1	5.7	9.5	15.9	27.7	35.1	67.0	90.5	154.9	281.1
1987	10.4	5.5	9.0	14.9	23.9	41.1	61.7	86.0	144.9	250.9
1986	10.6	5.5	8.6	15.3	28.9	39.9	56.2	95.4	138.6	267.9
1985	10.9	5.3	10.8	16.0	29.2	44.6	67.1	80.6	159.4	262.7
1984	9.9	5.3	8.0	16.1	24.0	39.2	66.2	87.8	151.7	211.7
1983	9.4	5.4	8.1	15.5	24.8	42.2	60.6	84.7	124.2	185.6
1982	9.4	4.3	7.9	17.6	27.8	42.1	58.4	78.6	136.9	187.2
1981	8.7	4.5	9.6	15.3	24.7	40.4	58.9	70.2	138.0	155.9
1980	9.2	6.2	11.3	17.3	31.1	38.9	59.1	77.2	108.5	179.5
1979	8.0	7.3	10.7	16.3	26.4	35.3	53.4	65.9	89.1	128.9
Renal failure (584-586)										
Black, both sexes										
1998	11.2	6.4	8.7	18.4	27.4	37.3	72.9	106.0	152.1	305.3
1997	11.1	6.2	9.8	18.1	30.2	40.3	69.9	100.7	152.6	315.2
1996	11.0	6.3	10.0	14.6	27.2	40.2	67.2	100.8	164.2	293.2
1995	11.3	6.5	10.2	17.2	30.0	42.4	64.8	104.9	169.3	288.9
1994	10.9	6.9	9.1	17.4	29.0	44.4	67.2	96.6	146.8	273.0
1993	11.4	7.4	10.8	19.7	28.4	41.8	66.8	102.3	163.2	298.7
1992	11.1	7.0	10.4	18.1	30.3	43.9	65.7	93.8	156.3	284.6
1991	11.2	6.6	10.4	17.3	29.0	43.6	71.4	89.7	154.7	296.7
1990	11.5	8.1	11.4	20.1	29.9	41.2	74.3	98.2	164.4	277.6
1989	12.6	6.5	13.7	22.1	33.6	51.8	75.6	115.2	178.7	286.8
1988	12.9	9.5	13.2	21.7	34.7	48.9	74.9	116.1	189.0	321.0
1987	12.4	8.0	13.4	21.3	32.4	48.7	77.8	107.8	180.6	313.5
1986	12.6	8.8	12.4	19.1	36.3	51.4	73.2	121.4	179.6	317.4
1985	12.9	7.0	11.9	22.0	36.1	53.8	83.2	103.2	201.6	330.8
1984	11.6	6.9	10.4	20.3	33.7	47.5	79.9	101.6	190.3	263.7
1983	10.8	7.0	10.6	20.6	30.7	47.1	71.4	100.7	160.8	240.2
1982	10.9	6.1	12.2	21.6	32.3	50.8	72.7	93.0	173.9	238.6
1981	10.5	7.2	12.4	21.8	31.3	48.5	73.0	88.1	164.1	212.5
1980	10.7	8.4	13.6	22.0	34.0	45.7	71.0	100.5	144.4	232.0
1979	9.4	8.3	13.1	20.1	29.8	38.7	62.6	90.4	120.4	173.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Renal failure (584-586)										
Black, male										
1998	10.4	9.1	11.0	22.5	34.6	39.3	76.5	119.8	180.3	367.2
1997	10.7	8.6	12.0	21.4	33.7	45.7	81.1	113.2	188.6	414.5
1996	10.4	8.1	11.5	17.7	32.3	44.1	76.9	121.5	182.4	364.1
1995	10.9	8.1	11.8	19.9	34.0	48.6	72.7	123.0	205.4	371.1
1994	10.3	9.9	11.4	20.8	30.8	47.7	78.1	100.3	168.8	327.2
1993	11.0	9.7	13.5	22.6	28.1	46.4	78.4	113.5	205.9	377.2
1992	11.0	9.7	12.2	21.8	33.2	49.3	74.8	112.1	215.0	365.7
1991	11.4	9.8	12.9	23.6	34.1	51.1	86.5	104.8	184.4	378.3
1990	11.2	11.0	12.6	21.7	32.3	46.6	89.3	116.4	212.5	345.6
1989	13.1	8.2	17.4	28.4	35.1	65.3	90.9	138.2	248.5	374.2
1988	12.4	12.1	15.4	24.0	38.0	59.7	74.0	141.8	226.6	361.5
1987	12.5	9.5	16.6	26.0	37.9	52.4	90.4	132.0	219.6	423.4
1986	12.9	12.1	15.5	20.9	40.2	60.3	89.5	152.3	235.6	392.1
1985	12.9	9.3	11.0	26.1	38.5	59.0	96.3	128.8	252.9	432.3
1984	11.6	8.3	11.7	22.5	41.7	51.9	89.4	113.2	241.7	339.3
1983	10.8	7.9	11.7	24.6	34.5	48.4	81.1	115.2	206.1	336.7
1982	11.1	7.6	16.8	24.4	33.5	57.2	85.5	106.8	221.3	322.4
1981	11.1	9.5	13.8	27.5	35.5	54.7	86.2	108.2	187.0	314.3
1980	11.3	10.4	14.8	26.5	33.9	50.2	81.8	128.8	191.9	322.6
1979	10.0	8.8	14.4	22.0	30.6	40.5	69.9	123.0	163.6	253.8
Renal failure (584-586)										
Black, female										
1998	11.9	4.1	6.8	15.0	21.7	35.8	70.5	97.6	138.3	281.9
1997	11.5	4.0	7.9	15.5	27.5	36.3	62.5	93.2	135.2	277.3
1996	11.5	4.8	8.7	12.1	23.2	37.4	60.8	88.5	155.3	266.0
1995	11.7	5.1	8.8	15.1	26.9	37.8	59.7	94.1	151.7	257.0
1994	11.4	4.3	7.2	14.6	27.6	41.9	60.0	94.4	135.9	251.8
1993	11.8	5.4	8.5	17.4	28.6	38.4	59.2	95.9	141.9	267.6
1992	11.1	4.8	8.9	15.0	28.1	40.0	59.7	83.2	126.5	251.9
1991	11.1	3.9	8.4	12.3	25.1	38.1	61.3	80.9	139.7	263.2
1990	11.7	5.6	10.4	18.8	28.2	37.3	64.4	87.6	139.5	248.8
1989	12.1	5.0	10.6	17.1	32.4	42.0	65.7	101.7	142.2	251.0
1988	13.4	7.3	11.3	19.9	32.2	41.0	75.3	100.7	169.1	303.4
1987	12.3	6.7	10.7	17.6	28.2	46.0	69.3	93.1	159.6	264.6
1986	12.4	6.2	9.8	17.5	33.3	44.9	62.2	102.5	149.1	283.3
1985	12.9	5.1	12.7	18.6	34.2	50.0	74.5	87.2	173.4	283.5
1984	11.6	5.7	9.3	18.4	27.5	44.2	73.6	94.4	161.8	227.9
1983	10.8	6.3	9.7	17.4	27.9	46.2	65.0	91.1	135.2	193.5
1982	10.7	4.8	8.5	19.2	31.4	46.1	63.9	84.5	146.4	197.5
1981	10.0	5.2	11.2	17.1	28.0	44.1	63.7	75.0	150.8	160.2
1980	10.2	6.8	12.6	18.3	34.1	42.4	63.4	82.1	115.9	186.7
1979	8.9	7.9	12.0	18.6	29.1	37.4	57.3	67.8	93.5	133.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of kidney (588-589)										
All races, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*
Other disorders of kidney (588-589)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of kidney (588-589)										
All races, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other disorders of kidney (588-589)										
White, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.0	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	0.0	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	0.0	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	0.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of kidney (588-589)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other disorders of kidney (588-589)										
White, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.0	*	*	*	*	*	*	*	*	*
1985	0.0	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	0.0	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of kidney (588-589)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other disorders of kidney (588-589)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of kidney (588-589)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other disorders of kidney (588-589)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other disorders of kidney (588-589)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Other disorders of kidney (588-589)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Infections of kidney (590)										
All races, both sexes										
1998	0.3	0.1	0.1	0.2	0.3	0.5	0.9	1.4	2.9	8.0
1997	0.3	0.1	0.1	*	0.3	0.4	1.0	1.4	3.4	8.1
1996	0.3	*	*	0.2	0.4	0.6	0.9	1.9	3.3	8.4
1995	0.3	0.1	*	0.2	0.4	0.5	1.1	1.9	3.2	9.6
1994	0.4	*	0.2	*	0.4	0.6	0.9	2.3	4.2	9.9
1993	0.4	0.1	0.2	0.3	0.4	0.5	1.0	2.3	4.6	11.1
1992	0.4	*	0.2	0.2	0.4	0.6	1.0	2.3	4.5	13.2
1991	0.5	*	0.2	0.3	0.4	0.6	1.3	2.6	6.3	14.1
1990	0.5	*	0.2	0.3	0.6	0.8	1.5	3.1	6.3	15.4
1989	0.6	*	0.2	0.3	0.5	1.0	1.7	3.3	7.0	17.6
1988	0.7	0.2	0.3	0.4	0.5	1.1	1.7	4.2	8.6	20.5
1987	0.7	0.2	0.3	0.4	0.6	1.2	2.5	4.0	10.0	22.3
1986	0.8	0.2	0.3	0.5	0.7	1.4	2.2	4.4	10.3	26.5
1985	0.8	*	0.3	0.4	0.7	1.3	2.5	6.1	12.3	25.9
1984	0.9	0.2	0.3	0.5	0.9	1.4	3.2	5.3	12.7	27.7
1983	0.9	0.2	0.3	0.5	1.0	1.4	3.0	6.7	12.2	28.5
1982	1.0	0.3	0.3	0.5	1.0	1.4	4.0	7.0	13.9	29.3
1981	1.0	0.3	0.4	0.6	1.0	1.7	3.4	8.1	16.1	29.8
1980	1.2	0.4	0.4	0.7	1.2	2.4	4.8	9.2	17.7	38.5
1979	1.3	0.4	0.5	0.8	1.2	2.5	5.3	10.1	18.4	40.2
Infections of kidney (590)										
All races, male										
1998	0.2	*	*	*	*	*	0.5	0.8	2.3	5.4
1997	0.2	*	*	*	*	*	0.7	1.3	3.0	6.5
1996	0.2	*	*	*	*	0.5	0.8	1.6	2.5	6.7
1995	0.2	*	*	*	*	*	0.8	1.4	2.1	7.1
1994	0.2	*	*	*	*	0.4	0.8	1.6	2.7	7.9
1993	0.2	*	*	*	*	*	0.7	1.9	3.7	8.3
1992	0.3	*	*	*	*	0.5	0.9	2.2	4.3	11.4
1991	0.3	*	*	*	*	*	1.0	2.2	4.7	10.2
1990	0.3	*	*	*	0.5	0.5	1.5	2.4	5.3	13.9
1989	0.4	*	*	*	0.4	0.6	1.9	2.8	5.7	15.4
1988	0.4	*	*	*	*	1.0	1.2	3.9	7.2	17.9
1987	0.5	*	*	0.4	*	0.8	2.6	3.3	8.2	19.9
1986	0.5	*	*	*	0.5	0.9	2.0	3.8	10.2	22.3
1985	0.6	*	*	0.5	0.6	0.9	2.3	6.3	12.7	26.5
1984	0.6	*	*	0.4	0.7	1.3	3.1	5.7	12.1	26.9
1983	0.6	*	*	0.4	0.7	1.2	2.8	6.7	12.3	28.7
1982	0.7	*	*	0.5	0.7	1.2	3.6	6.5	12.9	28.6
1981	0.8	*	*	0.6	0.9	1.4	3.2	7.7	18.0	32.8
1980	0.9	0.4	*	0.6	0.9	1.9	4.5	8.4	18.0	40.9
1979	1.0	*	0.4	0.7	1.1	2.4	5.2	10.1	21.2	44.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Infections of kidney (590)										
All races, female										
1998	0.4	*	*	*	0.4	0.6	1.1	1.8	3.3	9.0
1997	0.4	*	*	*	0.4	0.6	1.2	1.4	3.5	8.7
1996	0.5	*	*	*	0.5	0.8	1.0	2.1	3.8	9.1
1995	0.5	*	*	*	0.5	0.6	1.3	2.2	3.8	10.5
1994	0.5	*	*	*	0.5	0.7	1.0	2.7	5.0	10.6
1993	0.6	0.2	*	*	0.5	0.6	1.2	2.5	5.1	12.2
1992	0.6	*	0.3	0.4	0.4	0.7	1.1	2.4	4.7	14.0
1991	0.7	*	*	0.4	0.5	0.9	1.5	2.8	7.1	15.6
1990	0.7	*	*	*	0.6	1.0	1.6	3.5	6.9	16.0
1989	0.8	*	*	*	0.5	1.3	1.5	3.6	7.7	18.5
1988	0.9	*	0.4	0.4	0.6	1.1	2.0	4.3	9.3	21.5
1987	1.0	*	*	0.4	0.8	1.4	2.4	4.4	10.9	23.3
1986	1.1	*	0.4	0.6	0.8	1.7	2.4	4.7	10.3	28.2
1985	1.1	*	*	0.4	0.8	1.5	2.7	5.9	12.0	25.7
1984	1.1	*	0.4	0.5	1.2	1.4	3.2	5.1	13.0	28.1
1983	1.1	*	0.4	0.6	1.2	1.6	3.2	6.7	12.2	28.4
1982	1.2	0.4	0.4	0.5	1.3	1.6	4.3	7.3	14.4	29.5
1981	1.2	0.4	0.6	0.7	1.0	2.0	3.6	8.4	15.1	28.4
1980	1.5	0.5	0.5	0.7	1.5	2.8	5.0	9.6	17.5	37.4
1979	1.5	0.5	0.6	0.9	1.3	2.6	5.5	10.2	16.9	38.2
Infections of kidney (590)										
White, both sexes										
1998	0.3	*	*	*	0.2	0.4	0.8	1.3	2.9	8.0
1997	0.3	*	*	*	0.3	0.4	0.9	1.4	3.3	8.2
1996	0.3	*	*	0.2	0.4	0.6	0.9	1.9	3.3	8.3
1995	0.4	*	*	*	0.3	0.4	1.0	1.8	3.2	9.5
1994	0.4	*	*	*	0.5	0.5	0.8	2.2	4.0	9.8
1993	0.4	*	*	0.2	0.3	0.5	1.0	2.1	4.6	10.9
1992	0.4	*	*	*	0.4	0.6	0.9	2.3	4.5	13.4
1991	0.5	*	0.2	0.2	0.3	0.6	1.2	2.4	6.0	13.8
1990	0.5	*	0.2	0.3	0.5	0.6	1.5	3.0	6.2	15.5
1989	0.6	*	*	0.2	0.4	0.8	1.6	3.1	6.8	17.7
1988	0.7	*	0.3	0.3	0.5	1.1	1.5	3.9	8.6	20.9
1987	0.7	*	0.2	0.4	0.6	1.0	2.2	3.9	10.0	22.5
1986	0.8	*	0.2	0.4	0.6	1.3	2.1	4.1	10.2	26.5
1985	0.8	*	*	0.4	0.7	1.0	2.3	5.8	11.9	25.8
1984	0.9	*	0.3	0.4	0.8	1.2	3.0	5.2	12.4	27.9
1983	0.9	*	0.3	0.4	0.9	1.2	2.9	6.7	12.0	28.2
1982	1.0	0.2	0.3	0.4	0.9	1.4	3.8	6.6	14.0	29.8
1981	1.0	0.2	0.4	0.5	1.0	1.5	3.2	7.8	16.0	30.1
1980	1.2	0.3	0.3	0.5	1.1	2.2	4.5	8.5	17.3	38.9
1979	1.3	0.3	0.4	0.6	1.0	2.2	5.1	10.0	17.8	40.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Infections of kidney (590)										
White, male										
1998	0.2	*	*	*	*	*	0.6	*	2.1	4.8
1997	0.2	*	*	*	*	*	*	1.4	3.1	6.5
1996	0.2	*	*	*	*	*	0.8	1.6	2.7	6.4
1995	0.2	*	*	*	*	*	0.7	1.3	2.1	7.1
1994	0.2	*	*	*	*	*	0.8	1.5	2.5	7.7
1993	0.2	*	*	*	*	*	0.7	1.8	3.7	7.8
1992	0.3	*	*	*	*	*	0.8	2.2	4.2	11.4
1991	0.3	*	*	*	*	*	0.9	2.0	4.5	10.4
1990	0.3	*	*	*	0.5	*	1.4	2.3	5.0	14.1
1989	0.4	*	*	*	*	*	1.7	2.8	5.5	14.8
1988	0.4	*	*	*	*	0.9	1.0	3.5	7.2	17.8
1987	0.5	*	*	*	*	0.8	2.2	3.2	8.3	20.0
1986	0.5	*	*	*	*	0.9	1.7	3.4	9.9	21.7
1985	0.6	*	*	*	0.5	0.7	2.0	5.9	12.6	26.7
1984	0.6	*	*	*	0.5	1.2	2.8	5.5	11.8	25.8
1983	0.6	*	*	*	0.6	1.1	2.8	6.5	11.6	27.8
1982	0.7	*	*	*	0.7	1.2	3.5	6.0	12.6	28.3
1981	0.8	*	*	0.5	0.9	1.2	3.1	7.4	18.5	33.4
1980	0.9	*	*	0.4	0.8	1.7	4.1	7.4	17.3	41.1
1979	1.0	*	*	0.5	0.8	2.0	5.0	9.9	20.2	45.2
Infections of kidney (590)										
White, female										
1998	0.5	*	*	*	*	0.5	1.0	1.8	3.3	9.2
1997	0.5	*	*	*	*	0.6	1.2	1.5	3.5	8.9
1996	0.5	*	*	*	0.4	0.7	1.0	2.1	3.7	9.0
1995	0.5	*	*	*	0.5	0.5	1.3	2.1	3.8	10.4
1994	0.6	*	*	*	0.5	0.7	0.9	2.6	4.9	10.6
1993	0.6	*	*	*	0.5	0.6	1.2	2.3	5.1	12.1
1992	0.6	*	*	*	0.5	0.7	1.0	2.5	4.7	14.2
1991	0.7	*	*	*	0.4	0.9	1.4	2.7	6.9	15.1
1990	0.7	*	*	*	0.5	0.9	1.5	3.5	6.8	16.0
1989	0.8	*	*	*	0.5	1.1	1.5	3.3	7.5	18.9
1988	1.0	*	*	*	0.7	1.2	1.9	4.2	9.3	22.1
1987	1.0	*	*	0.4	0.8	1.1	2.3	4.4	10.8	23.5
1986	1.1	*	*	0.5	0.8	1.6	2.3	4.5	10.3	28.4
1985	1.1	*	*	0.4	0.8	1.3	2.5	5.7	11.6	25.4
1984	1.2	*	*	0.4	1.1	1.3	3.1	5.0	12.7	28.8
1983	1.2	*	*	0.5	1.1	1.4	3.0	6.8	12.2	28.4
1982	1.3	*	*	0.4	1.2	1.5	4.0	6.9	14.8	30.4
1981	1.3	*	0.5	0.6	1.0	1.8	3.3	8.0	14.7	28.6
1980	1.6	*	0.4	0.6	1.3	2.6	4.7	9.2	17.4	38.0
1979	1.6	*	0.5	0.8	1.1	2.4	5.2	10.1	16.6	38.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Infections of kidney (590)										
All other, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	8.0
1997	0.2	*	*	*	*	*	*	*	*	6.7
1996	0.3	*	*	*	*	*	*	*	*	10.1
1995	0.3	*	*	*	*	*	*	3.1	*	10.2
1994	0.3	*	*	*	*	*	*	3.2	5.6	10.7
1993	0.3	*	*	*	*	*	*	4.1	*	12.7
1992	0.3	*	*	*	*	*	*	*	*	11.3
1991	0.4	*	*	*	*	*	*	4.0	8.4	16.9
1990	0.4	*	*	*	*	*	*	3.6	8.2	14.6
1989	0.5	*	*	*	*	2.0	*	5.5	9.3	16.4
1988	0.5	*	*	*	*	*	2.7	6.5	8.4	15.7
1987	0.6	*	*	*	*	2.6	4.5	4.7	10.4	20.0
1986	0.7	*	*	*	*	*	3.6	7.1	11.4	26.4
1985	0.8	*	*	*	*	3.2	4.4	8.7	15.8	27.4
1984	0.8	*	*	*	2.2	2.5	4.8	6.7	15.8	25.8
1983	0.8	*	*	*	1.8	2.7	4.1	6.9	14.9	31.3
1982	0.8	*	*	*	*	*	6.5	10.7	12.3	23.5
1981	0.9	*	*	1.6	*	3.5	5.1	11.3	17.0	26.3
1980	1.2	1.4	*	1.9	2.3	4.2	7.8	15.4	21.8	33.4
1979	1.2	*	*	2.3	3.2	4.7	7.5	11.1	25.0	36.2
Infections of kidney (590)										
All other, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	28.0
1985	0.6	*	*	*	*	*	*	10.2	*	*
1984	0.7	*	*	*	*	*	*	*	*	37.5
1983	0.6	*	*	*	*	*	*	*	*	37.7
1982	0.7	*	*	*	*	*	*	10.5	*	31.3
1981	0.6	*	*	*	*	*	*	*	*	*
1980	1.0	*	*	*	*	*	7.6	18.4	25.2	39.5
1979	1.1	*	*	*	*	5.4	*	11.4	32.6	39.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Infections of kidney (590)										
All other, female										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	10.2
1995	0.4	*	*	*	*	*	*	*	*	11.5
1994	0.4	*	*	*	*	*	*	*	*	11.2
1993	0.4	*	*	*	*	*	*	*	*	12.6
1992	0.4	*	*	*	*	*	*	*	*	11.3
1991	0.6	*	*	*	*	*	*	*	9.2	20.8
1990	0.5	*	*	*	*	*	*	*	*	15.6
1989	0.7	*	*	*	*	*	*	7.0	9.9	14.2
1988	0.6	*	*	*	*	*	*	5.8	*	14.2
1987	0.7	*	*	*	*	3.5	*	*	11.7	20.2
1986	0.9	*	*	*	*	*	*	7.1	10.6	25.6
1985	0.9	*	*	*	*	*	*	7.6	16.7	28.7
1984	0.8	*	*	*	*	*	*	*	16.3	20.0
1983	0.9	*	*	*	*	*	5.1	*	12.7	28.1
1982	0.9	*	*	*	*	*	8.0	10.9	*	19.5
1981	1.1	*	*	*	*	3.9	5.7	12.0	19.3	26.0
1980	1.3	*	*	*	*	4.4	7.9	13.3	19.7	30.3
1979	1.3	*	*	*	*	4.2	7.8	10.9	20.3	35.1
Infections of kidney (590)										
Black, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	7.9
1997	0.3	*	*	*	*	*	*	*	*	7.1
1996	0.3	*	*	*	*	*	*	*	*	11.5
1995	0.3	*	*	*	*	*	*	*	*	11.1
1994	0.4	*	*	*	*	*	*	*	6.5	11.2
1993	0.4	*	*	*	*	*	*	4.7	*	13.9
1992	0.4	*	*	*	*	*	*	*	*	11.7
1991	0.5	*	*	*	*	*	*	4.5	8.7	17.7
1990	0.5	*	*	*	*	*	*	*	8.7	15.3
1989	0.6	*	*	*	*	*	*	6.3	9.2	18.2
1988	0.6	*	*	*	*	*	*	6.8	8.8	17.8
1987	0.7	*	*	*	*	3.0	5.3	5.4	11.0	19.2
1986	0.8	*	*	*	*	*	3.9	7.9	12.5	26.9
1985	0.9	*	*	*	*	3.5	4.5	9.9	16.3	27.7
1984	0.9	*	*	*	2.6	2.8	5.2	6.9	15.3	26.3
1983	0.9	*	*	*	2.2	3.2	4.8	7.8	16.7	29.9
1982	0.9	*	*	*	*	*	7.4	11.6	13.8	23.9
1981	1.0	*	*	*	*	3.7	5.3	12.2	19.6	29.2
1980	1.3	*	*	2.1	2.5	4.8	8.7	16.2	24.0	35.2
1979	1.3	*	*	2.5	3.3	5.1	8.1	12.4	26.4	35.3

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Infections of kidney (590)										
Black, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	31.7
1985	0.8	*	*	*	*	*	*	12.4	*	*
1984	0.8	*	*	*	*	*	*	*	*	41.0
1983	0.7	*	*	*	*	*	*	*	*	35.0
1982	0.8	*	*	*	*	*	*	*	*	*
1981	0.7	*	*	*	*	*	*	*	*	*
1980	1.1	*	*	*	*	*	8.9	19.6	29.3	41.5
1979	1.2	*	*	*	*	5.9	*	13.0	33.8	40.4
Infections of kidney (590)										
Black, female										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.4	*	*	*	*	*	*	*	*	11.0
1995	0.4	*	*	*	*	*	*	*	*	12.4
1994	0.5	*	*	*	*	*	*	*	*	12.0
1993	0.5	*	*	*	*	*	*	*	*	14.6
1992	0.4	*	*	*	*	*	*	*	*	11.9
1991	0.7	*	*	*	*	*	*	*	*	20.8
1990	0.5	*	*	*	*	*	*	*	*	16.0
1989	0.8	*	*	*	*	*	*	7.6	*	16.3
1988	0.6	*	*	*	*	*	*	*	*	15.4
1987	0.8	*	*	*	*	*	*	*	12.3	18.1
1986	1.0	*	*	*	*	*	*	7.8	*	24.6
1985	1.0	*	*	*	*	*	*	8.4	15.8	27.1
1984	0.9	*	*	*	*	*	*	*	14.5	19.4
1983	1.1	*	*	*	*	*	5.8	*	13.8	27.4
1982	1.0	*	*	*	*	*	8.8	12.0	*	19.5
1981	1.2	*	*	*	*	*	5.8	12.3	22.0	28.3
1980	1.5	*	*	*	*	4.9	8.5	14.0	20.8	32.1
1979	1.4	*	*	*	*	4.4	8.3	11.9	21.8	32.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hyperplasia of prostate (600)										
All races, both sexes										
1998	0.1	*	*	*	*	*	*	0.9	2.0	5.1
1997	0.2	*	*	*	*	*	0.3	0.9	2.0	5.6
1996	0.2	*	*	*	*	*	0.4	0.9	2.2	6.1
1995	0.2	*	*	*	*	*	0.4	0.7	2.0	5.5
1994	0.2	*	*	*	*	0.2	0.3	1.0	2.3	4.8
1993	0.2	*	*	*	*	*	0.4	1.1	2.1	5.4
1992	0.2	*	*	*	*	*	0.4	1.1	1.8	5.9
1991	0.2	*	*	*	*	0.2	0.5	1.3	2.2	5.9
1990	0.2	*	*	*	*	*	0.5	1.3	2.5	6.6
1989	0.2	*	*	*	*	0.3	0.4	1.4	2.6	6.3
1988	0.2	*	*	*	0.2	0.3	0.5	1.4	2.6	6.2
1987	0.2	*	*	*	*	0.2	0.6	1.6	2.5	7.1
1986	0.2	*	*	*	*	0.3	0.7	1.5	2.6	8.2
1985	0.2	*	*	*	*	0.3	0.6	1.7	2.8	7.6
1984	0.2	*	*	*	*	0.2	0.8	1.7	3.7	8.4
1983	0.2	*	*	*	*	0.4	0.8	1.8	4.2	8.9
1982	0.3	*	*	*	*	0.5	0.9	2.1	4.3	11.7
1981	0.3	*	*	*	*	0.5	1.2	2.3	5.5	11.1
1980	0.3	*	*	*	0.2	0.5	1.3	2.7	6.1	12.5
1979	0.4	*	*	*	0.2	0.7	1.5	2.9	6.8	13.0
Hyperplasia of prostate (600)										
All races, male										
1998	0.3	*	*	*	*	*	*	2.2	5.6	18.0
1997	0.3	*	*	*	*	*	0.6	2.1	5.4	19.8
1996	0.3	*	*	*	*	*	0.9	2.3	6.1	21.8
1995	0.3	*	*	*	*	*	1.0	1.8	5.7	19.6
1994	0.3	*	*	*	*	0.6	0.8	2.6	6.5	17.4
1993	0.3	*	*	*	*	*	0.9	2.7	5.9	19.6
1992	0.3	*	*	*	*	*	1.0	2.7	5.2	21.2
1991	0.3	*	*	*	*	0.4	1.1	3.2	6.3	21.3
1990	0.4	*	*	*	*	*	1.2	3.4	7.3	23.8
1989	0.4	*	*	*	*	0.6	1.0	3.6	7.5	22.4
1988	0.4	*	*	*	0.4	0.7	1.2	3.5	7.6	22.1
1987	0.4	*	*	*	*	0.5	1.3	4.1	7.4	25.2
1986	0.4	*	*	*	*	0.7	1.7	3.9	7.5	28.9
1985	0.4	*	*	*	*	0.6	1.5	4.3	8.2	26.7
1984	0.5	*	*	*	*	0.5	1.8	4.4	10.7	29.3
1983	0.5	*	*	*	*	0.8	2.0	4.7	12.2	30.7
1982	0.6	*	*	*	*	1.1	2.1	5.5	12.4	39.7
1981	0.6	*	*	*	*	1.1	2.8	5.9	15.9	37.2
1980	0.7	*	*	*	0.5	1.2	3.0	7.1	17.6	41.2
1979	0.7	*	*	*	0.4	1.5	3.7	7.6	19.5	42.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hyperplasia of prostate (600)										
White, both sexes										
1998	0.2	*	*	*	*	*	*	0.8	2.0	5.2
1997	0.2	*	*	*	*	*	*	0.8	2.0	5.6
1996	0.2	*	*	*	*	*	0.4	1.0	2.2	6.1
1995	0.2	*	*	*	*	*	0.4	0.7	2.0	5.6
1994	0.2	*	*	*	*	*	0.3	1.1	2.3	5.0
1993	0.2	*	*	*	*	*	0.3	1.0	1.9	5.3
1992	0.2	*	*	*	*	*	0.4	1.0	1.9	5.9
1991	0.2	*	*	*	*	*	0.4	1.2	2.0	5.8
1990	0.2	*	*	*	*	*	0.4	1.3	2.5	6.7
1989	0.2	*	*	*	*	0.3	0.3	1.3	2.4	6.1
1988	0.2	*	*	*	*	0.3	0.5	1.2	2.5	6.0
1987	0.2	*	*	*	*	*	0.5	1.5	2.4	7.3
1986	0.2	*	*	*	*	0.2	0.6	1.3	2.5	8.3
1985	0.2	*	*	*	*	0.3	0.6	1.6	2.8	7.5
1984	0.2	*	*	*	*	*	0.7	1.6	3.6	8.5
1983	0.3	*	*	*	*	0.3	0.7	1.7	4.0	9.2
1982	0.3	*	*	*	*	0.4	0.8	1.8	3.9	11.8
1981	0.3	*	*	*	*	0.4	1.1	2.0	5.5	11.0
1980	0.3	*	*	*	*	0.5	1.1	2.6	6.0	12.5
1979	0.4	*	*	*	*	0.6	1.3	2.7	6.7	13.1
Hyperplasia of prostate (600)										
White, male										
1998	0.3	*	*	*	*	*	*	1.8	5.4	18.3
1997	0.3	*	*	*	*	*	*	2.1	5.4	19.9
1996	0.4	*	*	*	*	*	0.8	2.4	6.1	22.1
1995	0.3	*	*	*	*	*	0.9	1.6	5.6	20.1
1994	0.3	*	*	*	*	*	0.7	2.6	6.4	18.3
1993	0.3	*	*	*	*	*	0.8	2.4	5.4	19.4
1992	0.3	*	*	*	*	*	1.0	2.6	5.5	21.4
1991	0.4	*	*	*	*	*	1.0	3.1	5.8	21.3
1990	0.4	*	*	*	*	*	1.0	3.2	7.1	24.2
1989	0.4	*	*	*	*	0.6	0.8	3.3	7.1	22.0
1988	0.4	*	*	*	*	0.6	1.2	3.2	7.4	21.8
1987	0.4	*	*	*	*	*	1.2	4.0	6.9	26.2
1986	0.4	*	*	*	*	0.5	1.5	3.4	7.2	29.7
1985	0.4	*	*	*	*	0.6	1.3	4.2	8.1	26.7
1984	0.5	*	*	*	*	*	1.7	4.3	10.4	29.8
1983	0.5	*	*	*	*	0.7	1.6	4.6	11.7	32.0
1982	0.6	*	*	*	*	0.9	1.8	4.8	11.3	40.8
1981	0.6	*	*	*	*	1.0	2.6	5.2	15.9	37.2
1980	0.7	*	*	*	*	1.1	2.5	6.7	17.3	41.4
1979	0.7	*	*	*	*	1.3	3.1	7.1	19.4	42.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hyperplasia of prostate (600)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	5.6
1996	0.1	*	*	*	*	*	*	*	*	5.8
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	6.5
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	8.2
1988	0.2	*	*	*	*	*	*	*	*	8.1
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	4.8	8.7	10.0
1981	0.3	*	*	*	*	*	*	4.8	*	12.6
1980	0.3	*	*	*	*	*	3.1	*	*	13.4
1979	0.3	*	*	*	*	*	3.9	5.0	*	12.1
Hyperplasia of prostate (600)										
All other, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	18.8
1996	0.2	*	*	*	*	*	*	*	*	19.4
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	21.7
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	25.9
1988	0.3	*	*	*	*	*	*	*	*	25.3
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.6	*	*	*	*	*	*	12.0	23.4	29.9
1981	0.6	*	*	*	*	*	*	11.8	*	37.5
1980	0.7	*	*	*	*	*	7.3	*	*	39.5
1979	0.7	*	*	*	*	*	9.1	12.0	*	35.6

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Hyperplasia of prostate (600)										
Black, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	5.6	9.2	*
1981	0.3	*	*	*	*	*	*	5.0	*	13.1
1980	0.3	*	*	*	*	*	*	*	*	13.2
1979	0.4	*	*	*	*	*	4.3	5.6	*	*
Hyperplasia of prostate (600)										
Black, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.5	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.5	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.5	*	*	*	*	*	*	*	*	*
1983	0.5	*	*	*	*	*	*	*	*	*
1982	0.7	*	*	*	*	*	*	14.3	25.0	*
1981	0.7	*	*	*	*	*	*	12.7	*	39.3
1980	0.7	*	*	*	*	*	*	*	*	39.6
1979	0.8	*	*	*	*	*	10.2	13.7	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Inflammatory diseases of female pelvic organs (614-616)										
All races, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	0.6
1997	0.0	*	*	*	*	*	*	*	*	0.5
1996	0.0	*	*	*	*	*	*	*	*	0.6
1995	0.1	*	*	*	*	*	*	0.3	*	0.7
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	0.6
1992	0.0	*	*	*	*	*	*	*	*	0.6
1991	0.1	*	*	*	*	*	*	*	*	1.0
1990	0.0	*	*	*	*	*	*	*	0.5	0.9
1989	0.0	*	*	*	*	*	*	*	*	0.7
1988	0.1	*	*	*	*	*	*	*	*	0.7
1987	0.1	*	*	*	*	*	*	0.4	*	0.8
1986	0.1	*	*	*	*	*	*	0.4	*	0.9
1985	0.1	*	*	*	*	*	*	0.4	0.6	0.8
1984	0.1	*	*	*	*	*	*	*	*	1.0
1983	0.1	*	*	*	*	*	*	*	*	0.9
1982	0.1	*	*	*	*	*	*	0.4	*	1.3
1981	0.1	*	*	*	*	*	*	*	*	1.1
1980	0.1	*	*	*	*	*	*	0.4	*	*
1979	0.1	*	*	*	*	*	*	*	*	1.4
Inflammatory diseases of female pelvic organs (614-616)										
All races, female										
1998	0.1	*	*	*	*	*	*	*	*	0.8
1997	0.1	*	*	*	*	*	*	*	*	0.7
1996	0.1	*	*	*	*	*	*	*	*	0.8
1995	0.1	*	*	*	*	*	*	0.6	*	0.9
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	0.9
1992	0.1	*	*	*	*	*	*	*	*	0.9
1991	0.1	*	*	*	*	*	*	*	*	1.3
1990	0.1	*	*	*	*	*	*	*	0.8	1.2
1989	0.1	*	*	*	*	*	*	*	*	0.9
1988	0.1	*	*	*	*	*	*	*	*	1.0
1987	0.1	*	*	*	*	*	*	0.7	*	1.1
1986	0.1	*	*	*	*	*	*	0.6	*	1.3
1985	0.1	*	*	*	*	*	*	0.7	0.9	1.2
1984	0.1	*	*	*	*	*	*	*	*	1.4
1983	0.1	*	*	*	*	*	*	*	*	1.2
1982	0.1	*	*	*	*	*	*	0.7	*	1.8
1981	0.1	*	*	*	*	*	*	*	*	1.5
1980	0.1	*	*	*	*	*	*	0.7	*	*
1979	0.1	*	*	*	*	*	*	*	*	2.0

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Inflammatory diseases of female pelvic organs (614-616)										
White, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	0.6
1997	0.0	*	*	*	*	*	*	*	*	0.6
1996	0.0	*	*	*	*	*	*	*	*	0.6
1995	0.0	*	*	*	*	*	*	0.4	*	0.7
1994	0.0	*	*	*	*	*	*	*	*	*
1993	0.0	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	0.9
1990	0.0	*	*	*	*	*	*	*	*	0.8
1989	0.0	*	*	*	*	*	*	*	*	0.7
1988	0.0	*	*	*	*	*	*	*	*	*
1987	0.0	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	0.8
1985	0.1	*	*	*	*	*	*	0.4	*	0.9
1984	0.0	*	*	*	*	*	*	*	*	0.9
1983	0.1	*	*	*	*	*	*	*	*	0.9
1982	0.1	*	*	*	*	*	*	*	*	1.3
1981	0.1	*	*	*	*	*	*	*	*	1.1
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	1.3
Inflammatory diseases of female pelvic organs (614-616)										
White, female										
1998	0.1	*	*	*	*	*	*	*	*	0.8
1997	0.1	*	*	*	*	*	*	*	*	0.8
1996	0.1	*	*	*	*	*	*	*	*	0.8
1995	0.1	*	*	*	*	*	*	0.6	*	0.9
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	1.3
1990	0.1	*	*	*	*	*	*	*	*	1.1
1989	0.1	*	*	*	*	*	*	*	*	1.0
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	1.2
1985	0.1	*	*	*	*	*	*	0.7	*	1.2
1984	0.1	*	*	*	*	*	*	*	*	1.3
1983	0.1	*	*	*	*	*	*	*	*	1.3
1982	0.1	*	*	*	*	*	*	*	*	1.8
1981	0.1	*	*	*	*	*	*	*	*	1.5
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	1.9

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Inflammatory diseases of female pelvic organs (614-616)										
All other, both sexes										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Inflammatory diseases of female pelvic organs (614-616)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Inflammatory diseases of female pelvic organs (614-616)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Inflammatory diseases of female pelvic organs (614-616)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy, childbirth and the puerperium (630-676)										
All races, both sexes										
1998	0.1	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	0.1	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	0.1	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.1	*	*	---	---	---	---	---	---	---
1990	0.1	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.1	*	*	---	---	---	---	---	---	---
1987	0.1	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.1	*	*	---	---	---	---	---	---	---
1984	0.1	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.1	*	*	---	---	---	---	---	---	---
1981	0.1	*	*	---	---	---	---	---	---	---
1980	0.1	*	*	---	---	---	---	---	---	---
1979	0.1	*	*	---	---	---	---	---	---	---
Pregnancy, childbirth and the puerperium (630-676)										
All races, female										
1998	0.2	*	*	---	---	---	---	---	---	---
1997	0.2	*	*	---	---	---	---	---	---	---
1996	0.2	*	*	---	---	---	---	---	---	---
1995	0.2	*	*	---	---	---	---	---	---	---
1994	0.2	*	*	---	---	---	---	---	---	---
1993	0.2	*	*	---	---	---	---	---	---	---
1992	0.2	*	*	---	---	---	---	---	---	---
1991	0.2	*	*	---	---	---	---	---	---	---
1990	0.3	*	*	---	---	---	---	---	---	---
1989	0.3	*	*	---	---	---	---	---	---	---
1988	0.3	*	*	---	---	---	---	---	---	---
1987	0.2	*	*	---	---	---	---	---	---	---
1986	0.2	*	*	---	---	---	---	---	---	---
1985	0.2	*	*	---	---	---	---	---	---	---
1984	0.2	*	*	---	---	---	---	---	---	---
1983	0.2	*	*	---	---	---	---	---	---	---
1982	0.2	*	*	---	---	---	---	---	---	---
1981	0.3	*	*	---	---	---	---	---	---	---
1980	0.3	*	*	---	---	---	---	---	---	---
1979	0.3	*	*	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy, childbirth and the puerperium (630-676)										
White, both sexes										
1998	0.1	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	0.1	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	0.1	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.1	*	*	---	---	---	---	---	---	---
1990	0.1	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.1	*	*	---	---	---	---	---	---	---
1987	0.1	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.1	*	*	---	---	---	---	---	---	---
1984	0.1	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.1	*	*	---	---	---	---	---	---	---
1981	0.1	*	*	---	---	---	---	---	---	---
1980	0.1	*	*	---	---	---	---	---	---	---
1979	0.1	*	*	---	---	---	---	---	---	---
Pregnancy, childbirth and the puerperium (630-676)										
White, female										
1998	0.1	*	*	---	---	---	---	---	---	---
1997	0.2	*	*	---	---	---	---	---	---	---
1996	0.1	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	0.2	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.2	*	*	---	---	---	---	---	---	---
1990	0.2	*	*	---	---	---	---	---	---	---
1989	0.2	*	*	---	---	---	---	---	---	---
1988	0.2	*	*	---	---	---	---	---	---	---
1987	0.1	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.2	*	*	---	---	---	---	---	---	---
1984	0.2	*	*	---	---	---	---	---	---	---
1983	0.2	*	*	---	---	---	---	---	---	---
1982	0.2	*	*	---	---	---	---	---	---	---
1981	0.2	*	*	---	---	---	---	---	---	---
1980	0.2	*	*	---	---	---	---	---	---	---
1979	0.2	*	*	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy, childbirth and the puerperium (630-676)										
All other, both sexes										
1998	0.2	*	*	---	---	---	---	---	---	---
1997	0.3	*	*	---	---	---	---	---	---	---
1996	0.3	*	*	---	---	---	---	---	---	---
1995	0.3	*	*	---	---	---	---	---	---	---
1994	0.3	*	*	---	---	---	---	---	---	---
1993	0.3	*	*	---	---	---	---	---	---	---
1992	0.4	*	*	---	---	---	---	---	---	---
1991	0.3	*	*	---	---	---	---	---	---	---
1990	0.4	*	*	---	---	---	---	---	---	---
1989	0.4	*	*	---	---	---	---	---	---	---
1988	0.4	*	*	---	---	---	---	---	---	---
1987	0.3	*	*	---	---	---	---	---	---	---
1986	0.3	*	*	---	---	---	---	---	---	---
1985	0.4	*	*	---	---	---	---	---	---	---
1984	0.4	*	*	---	---	---	---	---	---	---
1983	0.3	*	*	---	---	---	---	---	---	---
1982	0.4	*	*	---	---	---	---	---	---	---
1981	0.4	*	*	---	---	---	---	---	---	---
1980	0.4	*	*	---	---	---	---	---	---	---
1979	0.5	*	*	---	---	---	---	---	---	---
Pregnancy, childbirth and the puerperium (630-676)										
All other, female										
1998	0.5	*	*	---	---	---	---	---	---	---
1997	0.6	*	*	---	---	---	---	---	---	---
1996	0.6	*	*	---	---	---	---	---	---	---
1995	0.6	*	*	---	---	---	---	---	---	---
1994	0.6	*	*	---	---	---	---	---	---	---
1993	0.7	*	*	---	---	---	---	---	---	---
1992	0.7	*	*	---	---	---	---	---	---	---
1991	0.6	*	*	---	---	---	---	---	---	---
1990	0.8	*	*	---	---	---	---	---	---	---
1989	0.7	*	*	---	---	---	---	---	---	---
1988	0.7	*	*	---	---	---	---	---	---	---
1987	0.5	*	*	---	---	---	---	---	---	---
1986	0.7	*	*	---	---	---	---	---	---	---
1985	0.7	*	*	---	---	---	---	---	---	---
1984	0.7	*	*	---	---	---	---	---	---	---
1983	0.7	*	*	---	---	---	---	---	---	---
1982	0.7	*	*	---	---	---	---	---	---	---
1981	0.7	*	*	---	---	---	---	---	---	---
1980	0.8	*	*	---	---	---	---	---	---	---
1979	1.0	*	*	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy, childbirth and the puerperium (630-676)										
Black, both sexes										
1998	0.3	*	*	---	---	---	---	---	---	---
1997	0.4	*	*	---	---	---	---	---	---	---
1996	0.4	*	*	---	---	---	---	---	---	---
1995	0.4	*	*	---	---	---	---	---	---	---
1994	0.4	*	*	---	---	---	---	---	---	---
1993	0.4	*	*	---	---	---	---	---	---	---
1992	0.4	*	*	---	---	---	---	---	---	---
1991	0.4	*	*	---	---	---	---	---	---	---
1990	0.5	*	*	---	---	---	---	---	---	---
1989	0.4	*	*	---	---	---	---	---	---	---
1988	0.4	*	*	---	---	---	---	---	---	---
1987	0.3	*	*	---	---	---	---	---	---	---
1986	0.4	*	*	---	---	---	---	---	---	---
1985	0.4	*	*	---	---	---	---	---	---	---
1984	0.4	*	*	---	---	---	---	---	---	---
1983	0.4	*	*	---	---	---	---	---	---	---
1982	0.4	*	*	---	---	---	---	---	---	---
1981	0.4	*	*	---	---	---	---	---	---	---
1980	0.5	*	*	---	---	---	---	---	---	---
1979	0.6	*	*	---	---	---	---	---	---	---
Pregnancy, childbirth and the puerperium (630-676)										
Black, female										
1998	0.6	*	*	---	---	---	---	---	---	---
1997	0.7	*	*	---	---	---	---	---	---	---
1996	0.7	*	*	---	---	---	---	---	---	---
1995	0.7	*	*	---	---	---	---	---	---	---
1994	0.7	*	*	---	---	---	---	---	---	---
1993	0.8	*	*	---	---	---	---	---	---	---
1992	0.8	*	*	---	---	---	---	---	---	---
1991	0.8	*	*	---	---	---	---	---	---	---
1990	1.0	*	*	---	---	---	---	---	---	---
1989	0.8	*	*	---	---	---	---	---	---	---
1988	0.8	*	*	---	---	---	---	---	---	---
1987	0.6	*	*	---	---	---	---	---	---	---
1986	0.8	*	*	---	---	---	---	---	---	---
1985	0.8	*	*	---	---	---	---	---	---	---
1984	0.8	*	*	---	---	---	---	---	---	---
1983	0.7	*	*	---	---	---	---	---	---	---
1982	0.7	*	*	---	---	---	---	---	---	---
1981	0.8	*	*	---	---	---	---	---	---	---
1980	0.9	*	*	---	---	---	---	---	---	---
1979	1.0	*	*	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy with abortive outcome (630-639)										
All races, both sexes										
1998	0.0	*	*	---	---	---	---	---	---	---
1997	0.0	*	*	---	---	---	---	---	---	---
1996	0.0	*	*	---	---	---	---	---	---	---
1995	0.0	*	*	---	---	---	---	---	---	---
1994	0.0	*	*	---	---	---	---	---	---	---
1993	0.0	*	*	---	---	---	---	---	---	---
1992	0.0	*	*	---	---	---	---	---	---	---
1991	0.0	*	*	---	---	---	---	---	---	---
1990	0.0	*	*	---	---	---	---	---	---	---
1989	0.0	*	*	---	---	---	---	---	---	---
1988	0.0	*	*	---	---	---	---	---	---	---
1987	0.0	*	*	---	---	---	---	---	---	---
1986	0.0	*	*	---	---	---	---	---	---	---
1985	0.0	*	*	---	---	---	---	---	---	---
1984	0.0	*	*	---	---	---	---	---	---	---
1983	0.0	*	*	---	---	---	---	---	---	---
1982	0.0	*	*	---	---	---	---	---	---	---
1981	0.0	*	*	---	---	---	---	---	---	---
1980	0.0	*	*	---	---	---	---	---	---	---
1979	0.0	*	*	---	---	---	---	---	---	---
Pregnancy with abortive outcome (630-639)										
All races, female										
1998	0.0	*	*	---	---	---	---	---	---	---
1997	0.0	*	*	---	---	---	---	---	---	---
1996	0.0	*	*	---	---	---	---	---	---	---
1995	0.0	*	*	---	---	---	---	---	---	---
1994	0.0	*	*	---	---	---	---	---	---	---
1993	0.0	*	*	---	---	---	---	---	---	---
1992	0.0	*	*	---	---	---	---	---	---	---
1991	0.0	*	*	---	---	---	---	---	---	---
1990	0.0	*	*	---	---	---	---	---	---	---
1989	0.0	*	*	---	---	---	---	---	---	---
1988	0.0	*	*	---	---	---	---	---	---	---
1987	0.0	*	*	---	---	---	---	---	---	---
1986	0.0	*	*	---	---	---	---	---	---	---
1985	0.0	*	*	---	---	---	---	---	---	---
1984	0.0	*	*	---	---	---	---	---	---	---
1983	0.0	*	*	---	---	---	---	---	---	---
1982	0.0	*	*	---	---	---	---	---	---	---
1981	0.0	*	*	---	---	---	---	---	---	---
1980	0.1	*	*	---	---	---	---	---	---	---
1979	0.1	*	*	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy with abortive outcome (630-639)										
White, both sexes										
1998	*	*	*	---	---	---	---	---	---	---
1997	*	*	*	---	---	---	---	---	---	---
1996	0.0	*	*	---	---	---	---	---	---	---
1995	*	*	*	---	---	---	---	---	---	---
1994	0.0	*	*	---	---	---	---	---	---	---
1993	0.0	*	*	---	---	---	---	---	---	---
1992	0.0	*	*	---	---	---	---	---	---	---
1991	0.0	*	*	---	---	---	---	---	---	---
1990	0.0	*	*	---	---	---	---	---	---	---
1989	0.0	*	*	---	---	---	---	---	---	---
1988	0.0	*	*	---	---	---	---	---	---	---
1987	0.0	*	*	---	---	---	---	---	---	---
1986	0.0	*	*	---	---	---	---	---	---	---
1985	*	*	*	---	---	---	---	---	---	---
1984	0.0	*	*	---	---	---	---	---	---	---
1983	0.0	*	*	---	---	---	---	---	---	---
1982	0.0	*	*	---	---	---	---	---	---	---
1981	0.0	*	*	---	---	---	---	---	---	---
1980	0.0	*	*	---	---	---	---	---	---	---
1979	0.0	*	*	---	---	---	---	---	---	---
Pregnancy with abortive outcome (630-639)										
White, female										
1998	*	*	*	---	---	---	---	---	---	---
1997	*	*	*	---	---	---	---	---	---	---
1996	0.0	*	*	---	---	---	---	---	---	---
1995	*	*	*	---	---	---	---	---	---	---
1994	0.0	*	*	---	---	---	---	---	---	---
1993	0.0	*	*	---	---	---	---	---	---	---
1992	0.0	*	*	---	---	---	---	---	---	---
1991	0.0	*	*	---	---	---	---	---	---	---
1990	0.0	*	*	---	---	---	---	---	---	---
1989	0.0	*	*	---	---	---	---	---	---	---
1988	0.0	*	*	---	---	---	---	---	---	---
1987	0.0	*	*	---	---	---	---	---	---	---
1986	0.0	*	*	---	---	---	---	---	---	---
1985	*	*	*	---	---	---	---	---	---	---
1984	0.0	*	*	---	---	---	---	---	---	---
1983	0.0	*	*	---	---	---	---	---	---	---
1982	0.0	*	*	---	---	---	---	---	---	---
1981	0.0	*	*	---	---	---	---	---	---	---
1980	0.0	*	*	---	---	---	---	---	---	---
1979	0.0	*	*	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy with abortive outcome (630-639)										
All other, both sexes										
1998	*	*	*	---	---	---	---	---	---	---
1997	0.0	*	*	---	---	---	---	---	---	---
1996	*	*	*	---	---	---	---	---	---	---
1995	0.0	*	*	---	---	---	---	---	---	---
1994	*	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.1	*	*	---	---	---	---	---	---	---
1990	0.1	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.1	*	*	---	---	---	---	---	---	---
1987	*	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.1	*	*	---	---	---	---	---	---	---
1984	0.1	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.1	*	*	---	---	---	---	---	---	---
1981	0.1	*	*	---	---	---	---	---	---	---
1980	0.1	*	*	---	---	---	---	---	---	---
1979	0.1	*	*	---	---	---	---	---	---	---
Pregnancy with abortive outcome (630-639)										
All other, female										
1998	*	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	*	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	*	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.1	*	*	---	---	---	---	---	---	---
1990	0.2	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.2	*	*	---	---	---	---	---	---	---
1987	*	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.2	*	*	---	---	---	---	---	---	---
1984	0.2	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.2	*	*	---	---	---	---	---	---	---
1981	0.1	*	*	---	---	---	---	---	---	---
1980	0.2	*	*	---	---	---	---	---	---	---
1979	0.2	*	*	---	---	---	---	---	---	---

Source: CDC/NCHS, National Vital Statistics System

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[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Pregnancy with abortive outcome (630-639)										
Black, both sexes										
1998	*	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	*	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	*	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.1	*	*	---	---	---	---	---	---	---
1990	0.1	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.1	*	*	---	---	---	---	---	---	---
1987	*	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.1	*	*	---	---	---	---	---	---	---
1984	0.1	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.1	*	*	---	---	---	---	---	---	---
1981	0.1	*	*	---	---	---	---	---	---	---
1980	0.1	*	*	---	---	---	---	---	---	---
1979	0.1	*	*	---	---	---	---	---	---	---
Pregnancy with abortive outcome (630-639)										
Black, female										
1998	*	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	*	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	*	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.2	*	*	---	---	---	---	---	---	---
1991	0.2	*	*	---	---	---	---	---	---	---
1990	0.2	*	*	---	---	---	---	---	---	---
1989	0.2	*	*	---	---	---	---	---	---	---
1988	0.2	*	*	---	---	---	---	---	---	---
1987	*	*	*	---	---	---	---	---	---	---
1986	0.2	*	*	---	---	---	---	---	---	---
1985	0.2	*	*	---	---	---	---	---	---	---
1984	0.2	*	*	---	---	---	---	---	---	---
1983	0.2	*	*	---	---	---	---	---	---	---
1982	0.2	*	*	---	---	---	---	---	---	---
1981	0.2	*	*	---	---	---	---	---	---	---
1980	0.2	*	*	---	---	---	---	---	---	---
1979	0.2	*	*	---	---	---	---	---	---	---

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other complications of pregnancy, childbirth and the puerperium (640-676)										
All races, both sexes										
1998	0.1	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	0.1	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	0.1	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.1	*	*	---	---	---	---	---	---	---
1990	0.1	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.1	*	*	---	---	---	---	---	---	---
1987	0.1	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.1	*	*	---	---	---	---	---	---	---
1984	0.1	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.1	*	*	---	---	---	---	---	---	---
1981	0.1	*	*	---	---	---	---	---	---	---
1980	0.1	*	*	---	---	---	---	---	---	---
1979	0.1	*	*	---	---	---	---	---	---	---
Other complications of pregnancy, childbirth and the puerperium (640-676)										
All races, female										
1998	0.2	*	*	---	---	---	---	---	---	---
1997	0.2	*	*	---	---	---	---	---	---	---
1996	0.2	*	*	---	---	---	---	---	---	---
1995	0.2	*	*	---	---	---	---	---	---	---
1994	0.2	*	*	---	---	---	---	---	---	---
1993	0.2	*	*	---	---	---	---	---	---	---
1992	0.2	*	*	---	---	---	---	---	---	---
1991	0.2	*	*	---	---	---	---	---	---	---
1990	0.2	*	*	---	---	---	---	---	---	---
1989	0.2	*	*	---	---	---	---	---	---	---
1988	0.2	*	*	---	---	---	---	---	---	---
1987	0.2	*	*	---	---	---	---	---	---	---
1986	0.2	*	*	---	---	---	---	---	---	---
1985	0.2	*	*	---	---	---	---	---	---	---
1984	0.2	*	*	---	---	---	---	---	---	---
1983	0.2	*	*	---	---	---	---	---	---	---
1982	0.2	*	*	---	---	---	---	---	---	---
1981	0.2	*	*	---	---	---	---	---	---	---
1980	0.2	*	*	---	---	---	---	---	---	---
1979	0.2	*	*	---	---	---	---	---	---	---

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[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other complications of pregnancy, childbirth and the puerperium (640-676)										
White, both sexes										
1998	0.1	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	0.1	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	0.1	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.1	*	*	---	---	---	---	---	---	---
1990	0.1	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.1	*	*	---	---	---	---	---	---	---
1987	0.1	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.1	*	*	---	---	---	---	---	---	---
1984	0.1	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.1	*	*	---	---	---	---	---	---	---
1981	0.1	*	*	---	---	---	---	---	---	---
1980	0.1	*	*	---	---	---	---	---	---	---
1979	0.1	*	*	---	---	---	---	---	---	---
Other complications of pregnancy, childbirth and the puerperium (640-676)										
White, female										
1998	0.1	*	*	---	---	---	---	---	---	---
1997	0.1	*	*	---	---	---	---	---	---	---
1996	0.1	*	*	---	---	---	---	---	---	---
1995	0.1	*	*	---	---	---	---	---	---	---
1994	0.2	*	*	---	---	---	---	---	---	---
1993	0.1	*	*	---	---	---	---	---	---	---
1992	0.1	*	*	---	---	---	---	---	---	---
1991	0.2	*	*	---	---	---	---	---	---	---
1990	0.1	*	*	---	---	---	---	---	---	---
1989	0.1	*	*	---	---	---	---	---	---	---
1988	0.1	*	*	---	---	---	---	---	---	---
1987	0.1	*	*	---	---	---	---	---	---	---
1986	0.1	*	*	---	---	---	---	---	---	---
1985	0.1	*	*	---	---	---	---	---	---	---
1984	0.1	*	*	---	---	---	---	---	---	---
1983	0.1	*	*	---	---	---	---	---	---	---
1982	0.1	*	*	---	---	---	---	---	---	---
1981	0.2	*	*	---	---	---	---	---	---	---
1980	0.2	*	*	---	---	---	---	---	---	---
1979	0.2	*	*	---	---	---	---	---	---	---

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[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other complications of pregnancy, childbirth and the puerperium (640-676)										
All other, both sexes										
1998	0.2	*	*	---	---	---	---	---	---	---
1997	0.3	*	*	---	---	---	---	---	---	---
1996	0.3	*	*	---	---	---	---	---	---	---
1995	0.3	*	*	---	---	---	---	---	---	---
1994	0.3	*	*	---	---	---	---	---	---	---
1993	0.3	*	*	---	---	---	---	---	---	---
1992	0.3	*	*	---	---	---	---	---	---	---
1991	0.3	*	*	---	---	---	---	---	---	---
1990	0.3	*	*	---	---	---	---	---	---	---
1989	0.3	*	*	---	---	---	---	---	---	---
1988	0.3	*	*	---	---	---	---	---	---	---
1987	0.2	*	*	---	---	---	---	---	---	---
1986	0.3	*	*	---	---	---	---	---	---	---
1985	0.3	*	*	---	---	---	---	---	---	---
1984	0.3	*	*	---	---	---	---	---	---	---
1983	0.3	*	*	---	---	---	---	---	---	---
1982	0.3	*	*	---	---	---	---	---	---	---
1981	0.3	*	*	---	---	---	---	---	---	---
1980	0.3	*	*	---	---	---	---	---	---	---
1979	0.4	*	*	---	---	---	---	---	---	---
Other complications of pregnancy, childbirth and the puerperium (640-676)										
All other, female										
1998	0.4	*	*	---	---	---	---	---	---	---
1997	0.5	*	*	---	---	---	---	---	---	---
1996	0.5	*	*	---	---	---	---	---	---	---
1995	0.5	*	*	---	---	---	---	---	---	---
1994	0.5	*	*	---	---	---	---	---	---	---
1993	0.5	*	*	---	---	---	---	---	---	---
1992	0.6	*	*	---	---	---	---	---	---	---
1991	0.5	*	*	---	---	---	---	---	---	---
1990	0.6	*	*	---	---	---	---	---	---	---
1989	0.5	*	*	---	---	---	---	---	---	---
1988	0.6	*	*	---	---	---	---	---	---	---
1987	0.4	*	*	---	---	---	---	---	---	---
1986	0.5	*	*	---	---	---	---	---	---	---
1985	0.6	*	*	---	---	---	---	---	---	---
1984	0.5	*	*	---	---	---	---	---	---	---
1983	0.5	*	*	---	---	---	---	---	---	---
1982	0.5	*	*	---	---	---	---	---	---	---
1981	0.6	*	*	---	---	---	---	---	---	---
1980	0.6	*	*	---	---	---	---	---	---	---
1979	0.8	*	*	---	---	---	---	---	---	---

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[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other complications of pregnancy, childbirth and the puerperium (640-676)										
Black, both sexes										
1998	0.3	*	*	---	---	---	---	---	---	---
1997	0.3	*	*	---	---	---	---	---	---	---
1996	0.3	*	*	---	---	---	---	---	---	---
1995	0.3	*	*	---	---	---	---	---	---	---
1994	0.3	*	*	---	---	---	---	---	---	---
1993	0.3	*	*	---	---	---	---	---	---	---
1992	0.4	*	*	---	---	---	---	---	---	---
1991	0.3	*	*	---	---	---	---	---	---	---
1990	0.4	*	*	---	---	---	---	---	---	---
1989	0.3	*	*	---	---	---	---	---	---	---
1988	0.3	*	*	---	---	---	---	---	---	---
1987	0.2	*	*	---	---	---	---	---	---	---
1986	0.3	*	*	---	---	---	---	---	---	---
1985	0.3	*	*	---	---	---	---	---	---	---
1984	0.3	*	*	---	---	---	---	---	---	---
1983	0.3	*	*	---	---	---	---	---	---	---
1982	0.3	*	*	---	---	---	---	---	---	---
1981	0.4	*	*	---	---	---	---	---	---	---
1980	0.4	*	*	---	---	---	---	---	---	---
1979	0.4	*	*	---	---	---	---	---	---	---
Other complications of pregnancy, childbirth and the puerperium (640-676)										
Black, female										
1998	0.5	*	*	---	---	---	---	---	---	---
1997	0.6	*	*	---	---	---	---	---	---	---
1996	0.6	*	*	---	---	---	---	---	---	---
1995	0.6	*	*	---	---	---	---	---	---	---
1994	0.6	*	*	---	---	---	---	---	---	---
1993	0.6	*	*	---	---	---	---	---	---	---
1992	0.7	*	*	---	---	---	---	---	---	---
1991	0.6	*	*	---	---	---	---	---	---	---
1990	0.7	*	*	---	---	---	---	---	---	---
1989	0.6	*	*	---	---	---	---	---	---	---
1988	0.6	*	*	---	---	---	---	---	---	---
1987	0.5	*	*	---	---	---	---	---	---	---
1986	0.6	*	*	---	---	---	---	---	---	---
1985	0.6	*	*	---	---	---	---	---	---	---
1984	0.6	*	*	---	---	---	---	---	---	---
1983	0.6	*	*	---	---	---	---	---	---	---
1982	0.6	*	*	---	---	---	---	---	---	---
1981	0.7	*	*	---	---	---	---	---	---	---
1980	0.7	*	*	---	---	---	---	---	---	---
1979	0.8	*	*	---	---	---	---	---	---	---

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[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
All races, both sexes										
1998	4.9	*	*	*	*	*	*	*	*	*
1997	4.8	*	*	*	*	*	*	*	*	*
1996	4.9	*	*	*	*	*	*	*	*	*
1995	5.1	*	*	*	*	*	*	*	*	*
1994	5.5	*	*	*	*	*	*	*	*	*
1993	5.8	*	*	*	*	*	*	*	*	*
1992	6.1	*	*	*	*	*	*	*	*	*
1991	6.6	*	*	*	*	*	*	*	*	*
1990	7.1	*	*	*	*	*	*	*	*	*
1989	7.6	*	*	*	*	*	*	*	*	*
1988	7.5	*	*	*	*	*	*	*	*	*
1987	7.5	*	*	*	*	*	*	*	*	*
1986	7.7	*	*	*	*	*	*	*	*	*
1985	8.1	*	*	*	*	*	*	*	*	*
1984	8.0	*	*	*	*	*	*	*	*	*
1983	8.3	*	*	*	*	*	*	*	*	*
1982	9.0	*	*	*	*	*	*	*	*	*
1981	9.4	*	*	*	*	*	*	*	*	*
1980	10.1	*	*	*	*	*	*	*	*	*
1979	10.4	*	*	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
All races, male										
1998	5.5	*	*	*	*	*	*	*	*	*
1997	5.5	*	*	*	*	*	*	*	*	*
1996	5.5	*	*	*	*	*	*	*	*	*
1995	5.8	*	*	*	*	*	*	*	*	*
1994	6.3	*	*	*	*	*	*	*	*	*
1993	6.7	*	*	*	*	*	*	*	*	*
1992	7.0	*	*	*	*	*	*	*	*	*
1991	7.7	*	*	*	*	*	*	*	*	*
1990	8.3	*	*	*	*	*	*	*	*	*
1989	8.7	*	*	*	*	*	*	*	*	*
1988	8.7	*	*	*	*	*	*	*	*	*
1987	8.9	*	*	*	*	*	*	*	*	*
1986	9.0	*	*	*	*	*	*	*	*	*
1985	9.6	*	*	*	*	*	*	*	*	*
1984	9.3	*	*	*	*	*	*	*	*	*
1983	9.7	*	*	*	*	*	*	*	*	*
1982	10.5	*	*	*	*	*	*	*	*	*
1981	11.0	*	*	*	*	*	*	*	*	*
1980	11.9	*	*	*	*	*	*	*	*	*
1979	12.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
All races, female										
1998	4.2	*	*	*	*	*	*	*	*	*
1997	4.1	*	*	*	*	*	*	*	*	*
1996	4.2	*	*	*	*	*	*	*	*	*
1995	4.3	*	*	*	*	*	*	*	*	*
1994	4.7	*	*	*	*	*	*	*	*	*
1993	5.0	*	*	*	*	*	*	*	*	*
1992	5.3	*	*	*	*	*	*	*	*	*
1991	5.6	*	*	*	*	*	*	*	*	*
1990	6.0	*	*	*	*	*	*	*	*	*
1989	6.5	*	*	*	*	*	*	*	*	*
1988	6.2	*	*	*	*	*	*	*	*	*
1987	6.3	*	*	*	*	*	*	*	*	*
1986	6.4	*	*	*	*	*	*	*	*	*
1985	6.7	*	*	*	*	*	*	*	*	*
1984	6.8	*	*	*	*	*	*	*	*	*
1983	6.9	*	*	*	*	*	*	*	*	*
1982	7.5	*	*	*	*	*	*	*	*	*
1981	7.9	*	*	*	*	*	*	*	*	*
1980	8.4	*	*	*	*	*	*	*	*	*
1979	8.7	*	*	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
White, both sexes										
1998	3.6	*	*	*	*	*	*	*	*	*
1997	3.6	*	*	*	*	*	*	*	*	*
1996	3.6	*	*	*	*	*	*	*	*	*
1995	3.7	*	*	*	*	*	*	*	*	*
1994	3.9	*	*	*	*	*	*	*	*	*
1993	4.1	*	*	*	*	*	*	*	*	*
1992	4.3	*	*	*	*	*	*	*	*	*
1991	4.7	*	*	*	*	*	*	*	*	*
1990	5.0	*	*	*	*	*	*	*	*	*
1989	5.4	*	*	*	*	*	*	*	*	*
1988	5.4	*	*	*	*	*	*	*	*	*
1987	5.6	*	*	*	*	*	*	*	*	*
1986	5.8	*	*	*	*	*	*	*	*	*
1985	6.3	*	*	*	*	*	*	*	*	*
1984	6.2	*	*	*	*	*	*	*	*	*
1983	6.4	*	*	*	*	*	*	*	*	*
1982	7.0	*	*	*	*	*	*	*	*	*
1981	7.4	*	*	*	*	*	*	*	*	*
1980	7.9	*	*	*	*	*	*	*	*	*
1979	8.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
White, male										
1998	4.1	*	*	*	*	*	*	*	*	*
1997	4.1	*	*	*	*	*	*	*	*	*
1996	4.1	*	*	*	*	*	*	*	*	*
1995	4.3	*	*	*	*	*	*	*	*	*
1994	4.5	*	*	*	*	*	*	*	*	*
1993	4.7	*	*	*	*	*	*	*	*	*
1992	4.9	*	*	*	*	*	*	*	*	*
1991	5.5	*	*	*	*	*	*	*	*	*
1990	5.9	*	*	*	*	*	*	*	*	*
1989	6.3	*	*	*	*	*	*	*	*	*
1988	6.4	*	*	*	*	*	*	*	*	*
1987	6.6	*	*	*	*	*	*	*	*	*
1986	6.9	*	*	*	*	*	*	*	*	*
1985	7.5	*	*	*	*	*	*	*	*	*
1984	7.3	*	*	*	*	*	*	*	*	*
1983	7.6	*	*	*	*	*	*	*	*	*
1982	8.3	*	*	*	*	*	*	*	*	*
1981	8.7	*	*	*	*	*	*	*	*	*
1980	9.4	*	*	*	*	*	*	*	*	*
1979	9.8	*	*	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
White, female										
1998	3.1	*	*	*	*	*	*	*	*	*
1997	3.0	*	*	*	*	*	*	*	*	*
1996	3.1	*	*	*	*	*	*	*	*	*
1995	3.1	*	*	*	*	*	*	*	*	*
1994	3.4	*	*	*	*	*	*	*	*	*
1993	3.5	*	*	*	*	*	*	*	*	*
1992	3.7	*	*	*	*	*	*	*	*	*
1991	3.9	*	*	*	*	*	*	*	*	*
1990	4.2	*	*	*	*	*	*	*	*	*
1989	4.6	*	*	*	*	*	*	*	*	*
1988	4.5	*	*	*	*	*	*	*	*	*
1987	4.6	*	*	*	*	*	*	*	*	*
1986	4.8	*	*	*	*	*	*	*	*	*
1985	5.1	*	*	*	*	*	*	*	*	*
1984	5.2	*	*	*	*	*	*	*	*	*
1983	5.3	*	*	*	*	*	*	*	*	*
1982	5.8	*	*	*	*	*	*	*	*	*
1981	6.1	*	*	*	*	*	*	*	*	*
1980	6.5	*	*	*	*	*	*	*	*	*
1979	6.8	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
All other, both sexes										
1998	10.8	*	*	*	*	*	*	*	*	*
1997	10.6	*	*	*	*	*	*	*	*	*
1996	10.9	*	*	*	*	*	*	*	*	*
1995	11.6	*	*	*	*	*	*	*	*	*
1994	13.2	*	*	*	*	*	*	*	*	*
1993	14.3	*	*	*	*	*	*	*	*	*
1992	15.4	*	*	*	*	*	*	*	*	*
1991	16.7	*	*	*	*	*	*	*	*	*
1990	17.9	*	*	*	*	*	*	*	*	*
1989	19.0	*	*	*	*	*	*	*	*	*
1988	18.3	*	*	*	*	*	*	*	*	*
1987	18.2	*	*	*	*	*	*	*	*	*
1986	17.9	*	*	*	*	*	*	*	*	*
1985	18.4	*	*	*	*	*	*	*	*	*
1984	18.3	*	*	*	*	*	*	*	*	*
1983	18.9	*	*	*	*	*	*	*	*	*
1982	20.4	*	*	*	*	*	*	*	*	*
1981	21.5	*	*	*	*	*	*	*	*	*
1980	23.3	*	*	*	*	*	*	*	*	*
1979	24.0	*	*	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
All other, male										
1998	12.6	*	*	*	*	*	*	*	*	*
1997	12.4	*	*	*	*	*	*	*	*	*
1996	12.7	*	*	*	*	*	*	*	*	*
1995	13.3	*	*	*	*	*	*	*	*	*
1994	15.5	*	*	*	*	*	*	*	*	*
1993	16.8	*	*	*	*	*	*	*	*	*
1992	18.1	*	*	*	*	*	*	*	*	*
1991	19.8	*	*	*	*	*	*	*	*	*
1990	21.0	*	*	*	*	*	*	*	*	*
1989	21.8	*	*	*	*	*	*	*	*	*
1988	21.4	*	*	*	*	*	*	*	*	*
1987	21.7	*	*	*	*	*	*	*	*	*
1986	21.4	*	*	*	*	*	*	*	*	*
1985	21.6	*	*	*	*	*	*	*	*	*
1984	21.1	*	*	*	*	*	*	*	*	*
1983	22.1	*	*	*	*	*	*	*	*	*
1982	24.2	*	*	*	*	*	*	*	*	*
1981	25.1	*	*	*	*	*	*	*	*	*
1980	27.2	*	*	*	*	*	*	*	*	*
1979	27.9	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
All other, female										
1998	9.1	*	*	*	*	*	*	*	*	*
1997	9.0	*	*	*	*	*	*	*	*	*
1996	9.2	*	*	*	*	*	*	*	*	*
1995	10.0	*	*	*	*	*	*	*	*	*
1994	11.1	*	*	*	*	*	*	*	*	*
1993	12.0	*	*	*	*	*	*	*	*	*
1992	12.9	*	*	*	*	*	*	*	*	*
1991	13.8	*	*	*	*	*	*	*	*	*
1990	15.1	*	*	*	*	*	*	*	*	*
1989	16.4	*	*	*	*	*	*	*	*	*
1988	15.5	*	*	*	*	*	*	*	*	*
1987	14.9	*	*	*	*	*	*	*	*	*
1986	14.7	*	*	*	*	*	*	*	*	*
1985	15.5	*	*	*	*	*	*	*	*	*
1984	15.7	*	*	*	*	*	*	*	*	*
1983	16.0	*	*	*	*	*	*	*	*	*
1982	17.0	*	*	*	*	*	*	*	*	*
1981	18.3	*	*	*	*	*	*	*	*	*
1980	19.8	*	*	*	*	*	*	*	*	*
1979	20.6	*	*	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
Black, both sexes										
1998	13.6	*	*	*	*	*	*	*	*	*
1997	13.5	*	*	*	*	*	*	*	*	*
1996	13.7	*	*	*	*	*	*	*	*	*
1995	14.6	*	*	*	*	*	*	*	*	*
1994	16.6	*	*	*	*	*	*	*	*	*
1993	18.1	*	*	*	*	*	*	*	*	*
1992	19.3	*	*	*	*	*	*	*	*	*
1991	20.8	*	*	*	*	*	*	*	*	*
1990	22.1	*	*	*	*	*	*	*	*	*
1989	23.1	*	*	*	*	*	*	*	*	*
1988	22.3	*	*	*	*	*	*	*	*	*
1987	21.7	*	*	*	*	*	*	*	*	*
1986	21.2	*	*	*	*	*	*	*	*	*
1985	21.7	*	*	*	*	*	*	*	*	*
1984	21.3	*	*	*	*	*	*	*	*	*
1983	21.9	*	*	*	*	*	*	*	*	*
1982	23.5	*	*	*	*	*	*	*	*	*
1981	24.5	*	*	*	*	*	*	*	*	*
1980	26.1	*	*	*	*	*	*	*	*	*
1979	26.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
Black, male										
1998	16.2	*	*	*	*	*	*	*	*	*
1997	15.8	*	*	*	*	*	*	*	*	*
1996	16.1	*	*	*	*	*	*	*	*	*
1995	17.0	*	*	*	*	*	*	*	*	*
1994	19.6	*	*	*	*	*	*	*	*	*
1993	21.4	*	*	*	*	*	*	*	*	*
1992	22.9	*	*	*	*	*	*	*	*	*
1991	25.1	*	*	*	*	*	*	*	*	*
1990	26.1	*	*	*	*	*	*	*	*	*
1989	26.7	*	*	*	*	*	*	*	*	*
1988	26.3	*	*	*	*	*	*	*	*	*
1987	26.0	*	*	*	*	*	*	*	*	*
1986	25.6	*	*	*	*	*	*	*	*	*
1985	25.6	*	*	*	*	*	*	*	*	*
1984	24.7	*	*	*	*	*	*	*	*	*
1983	25.8	*	*	*	*	*	*	*	*	*
1982	27.9	*	*	*	*	*	*	*	*	*
1981	28.8	*	*	*	*	*	*	*	*	*
1980	30.7	*	*	*	*	*	*	*	*	*
1979	31.1	*	*	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period (760-771.2,771.4-779)										
Black, female										
1998	11.3	*	*	*	*	*	*	*	*	*
1997	11.4	*	*	*	*	*	*	*	*	*
1996	11.5	*	*	*	*	*	*	*	*	*
1995	12.5	*	*	*	*	*	*	*	*	*
1994	13.9	*	*	*	*	*	*	*	*	*
1993	15.0	*	*	*	*	*	*	*	*	*
1992	16.1	*	*	*	*	*	*	*	*	*
1991	17.0	*	*	*	*	*	*	*	*	*
1990	18.6	*	*	*	*	*	*	*	*	*
1989	19.8	*	*	*	*	*	*	*	*	*
1988	18.6	*	*	*	*	*	*	*	*	*
1987	17.9	*	*	*	*	*	*	*	*	*
1986	17.4	*	*	*	*	*	*	*	*	*
1985	18.2	*	*	*	*	*	*	*	*	*
1984	18.2	*	*	*	*	*	*	*	*	*
1983	18.4	*	*	*	*	*	*	*	*	*
1982	19.5	*	*	*	*	*	*	*	*	*
1981	20.8	*	*	*	*	*	*	*	*	*
1980	22.0	*	*	*	*	*	*	*	*	*
1979	22.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
All races, both sexes										
1998	4.3	1.5	1.5	2.0	2.6	3.0	4.1	6.9	10.4	16.0
1997	4.4	1.5	1.7	2.0	2.6	3.1	3.9	6.6	10.2	16.5
1996	4.4	1.5	1.7	2.2	2.3	2.9	4.4	5.9	8.8	14.7
1995	4.5	1.4	1.7	2.0	2.4	2.8	3.9	5.3	8.2	12.1
1994	4.6	1.5	1.7	2.0	2.4	2.9	3.3	5.3	7.7	11.6
1993	4.8	1.6	1.5	2.0	2.6	2.7	3.7	5.3	8.0	11.5
1992	4.9	1.3	1.5	2.1	2.4	2.5	3.8	4.6	7.3	9.5
1991	5.0	1.5	1.7	1.8	2.0	2.8	3.2	4.6	6.1	9.2
1990	5.3	1.4	1.5	1.8	2.1	2.7	3.5	4.0	6.0	8.6
1989	5.2	1.4	1.8	1.9	2.1	2.8	3.0	4.4	4.8	7.3
1988	5.2	1.2	1.6	1.7	2.3	2.5	3.2	3.9	5.2	5.7
1987	5.1	1.4	1.6	1.9	1.9	2.5	2.7	3.6	4.8	5.5
1986	5.3	1.2	1.6	1.8	2.3	2.6	3.1	3.2	5.3	5.9
1985	5.4	1.4	1.4	1.9	2.0	2.5	2.7	3.8	4.0	5.7
1984	5.5	1.6	1.6	2.0	2.5	1.9	3.3	3.6	4.0	5.9
1983	5.6	1.4	1.6	1.8	2.2	2.5	2.9	3.7	4.4	6.0
1982	5.9	1.4	1.6	1.9	2.1	2.7	2.7	3.6	4.7	4.5
1981	5.9	1.4	1.6	1.9	2.0	2.5	2.8	3.8	4.3	5.1
1980	6.2	1.7	1.7	2.0	2.4	2.6	3.2	3.6	3.9	4.6
1979	6.0	1.7	1.9	2.0	2.3	2.5	2.9	3.1	3.9	5.2
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
All races, male										
1998	4.6	1.7	1.6	2.2	2.6	3.5	4.8	8.6	13.6	22.3
1997	4.7	1.7	1.8	2.2	3.1	3.4	4.9	8.4	14.1	23.8
1996	4.7	1.7	1.8	2.1	2.6	2.9	4.9	7.4	12.1	19.5
1995	4.8	1.6	1.9	2.2	2.3	2.8	4.5	6.4	9.8	15.2
1994	4.8	1.8	1.9	2.1	2.5	3.4	3.8	6.5	9.8	15.1
1993	5.2	1.8	1.6	2.2	2.7	3.3	4.5	6.5	9.4	16.6
1992	5.3	1.4	1.6	2.0	2.4	2.6	4.3	5.4	9.7	13.0
1991	5.5	1.6	2.0	2.0	2.3	3.3	4.0	5.7	7.5	13.0
1990	5.8	1.4	1.6	1.9	2.2	2.9	3.5	5.1	8.1	12.1
1989	5.7	1.4	1.8	2.3	2.3	3.1	3.2	5.0	6.2	11.0
1988	5.7	1.3	1.7	1.9	2.3	2.6	3.0	4.8	5.7	7.2
1987	5.6	1.5	1.9	2.0	2.1	2.9	2.6	3.8	6.7	7.1
1986	5.8	1.5	1.8	1.7	2.1	2.9	3.4	3.2	6.7	7.6
1985	6.0	1.6	1.4	2.2	2.3	2.5	2.4	4.2	4.9	7.8
1984	6.0	1.7	1.5	2.0	2.6	2.3	4.1	4.1	5.2	7.4
1983	6.2	1.6	1.8	1.8	2.2	2.7	3.1	4.0	5.7	8.7
1982	6.4	1.4	1.6	2.3	2.2	3.1	2.8	3.9	5.8	5.7
1981	6.4	1.6	1.6	2.0	2.1	2.6	3.1	3.8	4.8	6.7
1980	6.8	1.9	2.0	2.3	2.8	3.0	3.6	4.0	6.2	4.1
1979	6.7	1.8	1.8	1.6	2.2	2.9	3.7	3.4	4.4	5.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
All races, female										
1998	4.1	1.2	1.5	1.8	2.6	2.5	3.5	5.7	8.6	13.5
1997	4.1	1.3	1.6	1.8	2.1	2.9	3.1	5.4	8.0	13.6
1996	4.1	1.4	1.6	2.3	2.0	2.8	3.9	4.9	6.9	12.9
1995	4.2	1.2	1.6	1.8	2.4	2.8	3.4	4.5	7.2	10.9
1994	4.3	1.3	1.5	1.9	2.3	2.5	2.8	4.5	6.5	10.2
1993	4.4	1.4	1.5	1.8	2.5	2.2	3.1	4.5	7.3	9.5
1992	4.5	1.3	1.4	2.2	2.3	2.4	3.4	4.1	6.0	8.2
1991	4.5	1.3	1.3	1.7	1.8	2.4	2.7	3.8	5.3	7.7
1990	4.7	1.3	1.5	1.8	1.9	2.4	3.5	3.2	4.9	7.2
1989	4.8	1.5	1.8	1.6	1.9	2.5	2.8	4.1	4.0	5.9
1988	4.8	1.2	1.5	1.5	2.4	2.4	3.3	3.2	4.9	5.2
1987	4.6	1.3	1.4	1.8	1.7	2.1	2.8	3.5	3.8	4.8
1986	4.8	1.0	1.4	1.9	2.4	2.2	2.8	3.3	4.5	5.3
1985	4.8	1.2	1.4	1.7	1.7	2.4	2.8	3.5	3.5	4.8
1984	5.0	1.4	1.6	2.0	2.4	1.6	2.8	3.2	3.4	5.2
1983	5.1	1.2	1.4	1.7	2.2	2.3	2.7	3.6	3.7	4.9
1982	5.4	1.4	1.6	1.5	2.0	2.3	2.7	3.4	4.1	4.0
1981	5.4	1.2	1.6	1.9	2.0	2.5	2.6	3.8	4.1	4.4
1980	5.5	1.5	1.5	1.8	2.1	2.3	2.8	3.4	2.7	4.8
1979	5.4	1.7	1.9	2.3	2.3	2.2	2.4	2.9	3.7	4.9
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
White, both sexes										
1998	4.3	1.5	1.6	2.0	2.6	3.0	4.2	7.2	10.6	16.8
1997	4.3	1.5	1.7	2.1	2.6	3.2	3.9	6.9	10.5	17.1
1996	4.3	1.5	1.8	2.2	2.4	2.9	4.4	6.0	8.9	15.3
1995	4.4	1.4	1.8	2.0	2.5	2.8	3.9	5.4	8.3	12.6
1994	4.4	1.5	1.7	2.0	2.4	3.0	3.3	5.4	8.0	11.8
1993	4.6	1.6	1.5	2.0	2.7	2.7	3.6	5.4	8.1	12.0
1992	4.6	1.4	1.5	2.0	2.4	2.6	3.8	4.7	7.3	9.9
1991	4.7	1.4	1.6	1.8	2.1	2.9	3.3	4.5	6.2	9.7
1990	5.0	1.5	1.5	1.9	2.1	2.6	3.5	4.0	6.0	8.7
1989	5.0	1.5	1.7	1.8	2.1	2.8	3.0	4.4	4.9	7.5
1988	5.0	1.2	1.6	1.7	2.3	2.5	3.2	4.1	5.2	5.8
1987	4.8	1.5	1.6	1.9	1.9	2.5	2.7	3.7	5.0	5.6
1986	5.0	1.3	1.5	1.7	2.3	2.6	3.1	3.3	5.4	6.0
1985	5.2	1.3	1.4	1.9	2.0	2.5	2.7	3.8	4.0	5.5
1984	5.3	1.5	1.5	2.0	2.5	1.9	3.4	3.6	4.0	5.9
1983	5.4	1.3	1.5	1.8	2.1	2.5	2.9	3.7	4.4	6.0
1982	5.6	1.3	1.6	1.9	2.1	2.7	2.8	3.7	4.9	4.4
1981	5.7	1.4	1.6	1.9	2.0	2.5	2.8	3.7	4.6	5.0
1980	5.9	1.8	1.7	2.1	2.5	2.6	3.2	3.5	4.1	4.9
1979	5.8	1.7	1.9	2.0	2.2	2.6	3.0	3.1	4.1	5.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
White, male										
1998	4.5	1.7	1.7	2.2	2.7	3.5	4.8	8.9	14.0	23.7
1997	4.6	1.7	1.9	2.3	3.2	3.4	4.9	8.6	14.6	24.9
1996	4.6	1.6	1.9	2.1	2.8	3.0	4.8	7.4	12.4	20.7
1995	4.7	1.6	1.9	2.1	2.4	2.9	4.6	6.6	9.9	16.2
1994	4.7	1.6	1.9	2.1	2.5	3.5	3.8	6.8	10.4	15.7
1993	5.0	1.7	1.5	2.2	2.6	3.4	4.4	6.7	9.4	17.3
1992	5.0	1.5	1.5	2.1	2.4	2.8	4.4	5.4	9.8	13.5
1991	5.2	1.5	2.0	2.0	2.3	3.4	4.1	5.6	7.6	13.8
1990	5.5	1.5	1.6	2.1	2.2	2.7	3.6	5.1	8.2	12.4
1989	5.4	1.4	1.9	2.1	2.3	3.1	3.3	4.7	6.5	11.1
1988	5.4	1.4	1.8	1.8	2.2	2.6	3.1	5.1	5.8	7.1
1987	5.4	1.5	1.9	2.0	2.1	3.0	2.6	3.9	6.9	7.5
1986	5.5	1.5	1.7	1.6	2.2	2.9	3.4	3.2	7.0	7.7
1985	5.8	1.6	1.4	2.2	2.3	2.6	2.5	4.3	4.8	7.8
1984	5.8	1.8	1.5	2.0	2.7	2.2	4.0	4.0	5.2	7.4
1983	5.9	1.4	1.7	1.8	2.1	2.7	3.1	4.0	5.5	8.3
1982	6.1	1.3	1.6	2.3	2.1	3.2	3.0	3.9	5.9	5.5
1981	6.2	1.5	1.6	1.8	2.0	2.4	3.1	3.8	5.1	6.9
1980	6.5	2.0	2.0	2.4	2.8	3.0	3.7	3.9	6.4	4.3
1979	6.5	1.6	1.9	1.6	2.3	2.9	3.8	3.5	4.7	6.0
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
White, female										
1998	4.0	1.3	1.6	1.9	2.6	2.6	3.7	6.0	8.7	14.0
1997	4.0	1.3	1.6	2.0	2.1	3.1	3.1	5.7	8.2	14.1
1996	4.0	1.4	1.7	2.3	2.0	2.9	4.1	5.0	6.9	13.2
1995	4.1	1.3	1.7	2.0	2.5	2.8	3.3	4.7	7.4	11.3
1994	4.2	1.4	1.5	1.8	2.3	2.5	2.8	4.5	6.6	10.4
1993	4.2	1.5	1.5	1.8	2.7	2.2	2.9	4.5	7.3	10.0
1992	4.3	1.3	1.5	2.0	2.4	2.4	3.4	4.2	6.0	8.5
1991	4.3	1.3	1.2	1.6	2.0	2.4	2.8	3.8	5.4	8.2
1990	4.5	1.4	1.5	1.8	2.0	2.5	3.5	3.3	4.9	7.3
1989	4.6	1.5	1.6	1.5	1.9	2.6	2.8	4.1	4.1	6.2
1988	4.6	1.1	1.4	1.6	2.4	2.4	3.2	3.4	4.9	5.2
1987	4.3	1.4	1.4	1.8	1.6	2.0	2.8	3.6	4.0	4.9
1986	4.6	1.0	1.3	1.9	2.4	2.3	2.9	3.3	4.6	5.3
1985	4.6	1.0	1.4	1.6	1.8	2.5	2.8	3.5	3.5	4.6
1984	4.8	1.3	1.6	1.9	2.3	1.7	2.9	3.3	3.3	5.3
1983	4.9	1.2	1.3	1.8	2.1	2.3	2.7	3.6	3.9	5.1
1982	5.2	1.4	1.5	1.5	2.0	2.4	2.7	3.5	4.4	4.0
1981	5.2	1.3	1.7	1.9	2.1	2.6	2.5	3.6	4.3	4.2
1980	5.3	1.6	1.5	1.9	2.2	2.4	2.8	3.3	2.8	5.1
1979	5.2	1.7	1.9	2.3	2.2	2.3	2.4	2.9	3.8	5.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
All other, both sexes										
1998	4.6	1.2	0.9	1.6	2.5	2.5	3.4	4.4	8.5	8.5
1997	4.6	1.2	1.4	1.3	2.2	2.3	3.9	4.3	7.0	10.3
1996	4.9	1.7	1.3	2.0	1.5	2.3	3.9	5.2	7.2	9.5
1995	5.0	1.1	1.6	1.7	1.9	2.4	3.9	3.7	6.6	6.9
1994	5.3	1.5	1.9	1.9	2.3	2.2	3.1	4.1	*	8.8
1993	5.7	1.7	1.7	2.0	2.1	2.2	5.1	4.1	7.6	6.5
1992	6.1	1.1	1.4	2.4	2.0	2.1	3.3	3.8	7.1	*
1991	6.3	1.6	2.1	2.0	*	2.5	*	5.0	*	*
1990	6.5	*	1.5	1.5	*	3.2	3.3	3.6	5.8	*
1989	6.6	1.2	2.2	2.7	1.8	2.4	3.0	5.2	*	*
1988	6.3	1.3	1.5	1.5	2.7	2.3	3.0	*	*	*
1987	6.5	*	1.6	2.0	1.9	2.5	*	*	*	*
1986	6.7	*	2.2	2.2	1.8	2.3	2.7	*	*	*
1985	6.5	1.6	1.7	2.4	1.8	*	*	*	*	*
1984	6.8	1.9	1.7	2.2	2.5	2.2	3.0	*	*	*
1983	7.1	1.8	2.0	*	2.8	2.2	*	*	*	*
1982	7.4	1.7	1.7	1.8	2.1	2.5	*	*	*	*
1981	7.3	1.4	1.5	2.4	*	2.8	3.0	4.8	*	*
1980	7.8	*	1.8	*	2.4	2.2	*	4.5	*	*
1979	7.5	2.2	1.6	2.1	2.5	*	*	*	*	*
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
All other, male										
1998	5.1	1.7	*	*	*	*	*	*	*	*
1997	4.9	*	*	*	*	*	5.2	*	*	*
1996	5.2	2.0	*	*	*	*	5.5	*	*	*
1995	5.5	*	*	*	*	*	*	*	*	*
1994	5.7	2.5	*	*	*	*	*	*	*	*
1993	6.4	2.2	*	*	*	*	5.8	*	*	*
1992	6.7	*	*	*	*	*	*	*	*	*
1991	7.2	*	*	*	*	*	*	*	*	*
1990	7.2	*	*	*	*	4.6	*	*	*	*
1989	7.3	*	*	*	*	*	*	*	*	*
1988	7.0	*	*	*	*	*	*	*	*	*
1987	6.9	*	*	*	*	*	*	*	*	*
1986	7.4	*	*	*	*	*	*	*	*	*
1985	7.1	*	*	*	*	*	*	*	*	*
1984	7.3	*	*	*	*	*	*	*	*	*
1983	7.9	*	*	*	*	*	*	*	*	*
1982	8.0	*	*	*	*	*	*	*	*	*
1981	7.8	*	*	*	*	*	*	*	*	*
1980	8.7	*	*	*	*	*	*	*	*	*
1979	8.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
All other, female										
1998	4.2	*	*	*	2.5	*	*	*	7.7	8.3
1997	4.2	*	*	*	*	*	*	*	*	8.7
1996	4.5	1.4	*	*	*	*	*	*	*	9.8
1995	4.5	*	*	*	*	*	4.0	*	*	*
1994	4.9	*	*	*	*	*	*	*	*	*
1993	5.2	*	*	*	*	*	4.6	*	*	*
1992	5.5	*	*	2.9	*	*	*	*	*	*
1991	5.5	*	*	*	*	*	*	*	*	*
1990	5.7	*	*	*	*	*	*	*	*	*
1989	6.0	*	2.5	*	*	*	*	*	*	*
1988	5.7	*	*	*	*	*	*	*	*	*
1987	6.0	*	*	*	*	*	*	*	*	*
1986	6.0	*	*	*	*	*	*	*	*	*
1985	6.0	*	*	*	*	*	*	*	*	*
1984	6.3	*	*	*	*	*	*	*	*	*
1983	6.3	*	*	*	*	*	*	*	*	*
1982	6.8	*	*	*	*	*	*	*	*	*
1981	6.7	*	*	*	*	*	*	*	*	*
1980	7.0	*	*	*	*	*	*	*	*	*
1979	6.8	*	*	*	*	*	*	*	*	*
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
Black, both sexes										
1998	5.3	1.5	*	2.1	2.9	2.6	3.9	4.7	10.0	8.5
1997	5.1	1.6	1.8	*	2.4	2.3	4.4	5.0	8.3	10.2
1996	5.5	2.1	1.7	2.3	2.1	2.6	4.0	5.5	7.3	9.7
1995	5.6	1.4	1.8	2.1	2.0	2.5	4.5	3.9	7.3	*
1994	5.9	1.7	2.4	2.1	2.3	*	3.0	4.2	*	9.0
1993	6.4	2.2	2.1	2.2	2.2	2.5	4.9	4.0	7.6	*
1992	6.8	*	*	2.4	2.2	2.3	3.6	4.0	6.9	*
1991	7.0	1.9	2.2	2.2	*	3.1	*	6.0	*	*
1990	7.1	*	*	*	*	3.7	3.4	*	*	*
1989	7.2	*	2.5	2.8	*	2.8	3.3	5.2	*	*
1988	6.8	*	*	*	3.2	*	3.3	*	*	*
1987	7.1	*	1.8	2.1	2.1	2.8	*	*	*	*
1986	7.1	*	2.3	2.4	*	2.7	*	*	*	*
1985	7.0	1.9	1.9	2.5	*	*	*	*	*	*
1984	7.0	2.0	2.1	2.2	2.7	*	3.4	*	*	*
1983	7.5	2.0	2.2	*	3.3	*	*	*	*	*
1982	7.8	2.0	*	1.9	*	2.9	*	*	*	*
1981	7.6	*	1.8	2.5	*	2.8	3.4	5.0	*	*
1980	8.1	*	1.9	*	2.3	*	*	*	*	*
1979	7.8	2.6	1.8	2.3	2.5	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
Black, male										
1998	5.9	2.0	*	*	*	*	*	*	*	*
1997	5.5	*	*	*	*	*	*	*	*	*
1996	5.9	2.6	*	*	*	*	*	*	*	*
1995	6.2	*	*	*	*	*	*	*	*	*
1994	6.4	2.7	*	*	*	*	*	*	*	*
1993	7.2	2.9	*	*	*	*	*	*	*	*
1992	7.6	*	*	*	*	*	*	*	*	*
1991	8.1	*	*	*	*	*	*	*	*	*
1990	8.1	*	*	*	*	5.5	*	*	*	*
1989	8.0	*	*	*	*	*	*	*	*	*
1988	7.6	*	*	*	*	*	*	*	*	*
1987	7.8	*	*	*	*	*	*	*	*	*
1986	8.0	*	*	*	*	*	*	*	*	*
1985	7.7	*	*	*	*	*	*	*	*	*
1984	7.7	*	*	*	*	*	*	*	*	*
1983	8.4	*	*	*	*	*	*	*	*	*
1982	8.4	*	*	*	*	*	*	*	*	*
1981	8.3	*	*	*	*	*	*	*	*	*
1980	9.2	*	*	*	*	*	*	*	*	*
1979	8.6	*	*	*	*	*	*	*	*	*
Congenital malformations, deformations and chromosomal abnormalities (740-759)										
Black, female										
1998	4.8	*	*	*	*	*	*	*	*	*
1997	4.8	*	*	*	*	*	*	*	*	*
1996	5.2	*	*	*	*	*	*	*	*	10.6
1995	5.0	*	*	*	*	*	4.8	*	*	*
1994	5.4	*	*	*	*	*	*	*	*	*
1993	5.8	*	*	*	*	*	*	*	*	*
1992	6.0	*	*	*	*	*	*	*	*	*
1991	6.0	*	*	*	*	*	*	*	*	*
1990	6.2	*	*	*	*	*	*	*	*	*
1989	6.5	*	*	*	*	*	*	*	*	*
1988	6.1	*	*	*	*	*	*	*	*	*
1987	6.4	*	*	*	*	*	*	*	*	*
1986	6.3	*	*	*	*	*	*	*	*	*
1985	6.4	*	*	*	*	*	*	*	*	*
1984	6.5	*	*	*	*	*	*	*	*	*
1983	6.7	*	*	*	*	*	*	*	*	*
1982	7.2	*	*	*	*	*	*	*	*	*
1981	7.0	*	*	*	*	*	*	*	*	*
1980	7.2	*	*	*	*	*	*	*	*	*
1979	7.0	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
All races, both sexes										
1998	9.4	5.4	5.6	6.2	9.1	12.7	18.8	28.3	53.8	176.0
1997	9.4	5.6	5.4	7.1	9.6	12.5	18.6	29.2	50.7	168.7
1996	9.7	5.9	6.4	7.6	9.8	12.7	18.4	30.0	52.8	167.9
1995	10.2	6.5	6.6	7.7	10.3	13.2	19.8	30.2	51.0	163.4
1994	9.6	5.2	5.7	6.8	9.6	12.8	17.8	28.2	48.0	158.7
1993	10.2	5.8	6.4	8.0	10.3	13.4	18.9	29.3	50.0	155.4
1992	9.1	4.6	4.8	6.7	8.7	11.6	16.5	24.6	43.8	134.3
1991	9.6	5.5	5.4	6.5	8.8	12.0	17.2	25.1	47.3	129.7
1990	9.7	5.0	5.8	6.9	9.2	11.9	17.3	25.7	46.8	125.8
1989	10.9	5.9	6.4	8.2	10.6	14.8	20.5	31.9	51.7	147.2
1988	12.7	6.0	7.7	9.7	14.3	19.8	28.3	42.9	71.6	180.2
1987	12.9	6.9	8.9	11.6	15.4	20.6	29.6	46.4	72.8	176.2
1986	13.1	6.7	8.8	11.6	16.7	22.9	33.1	49.2	78.3	192.0
1985	13.0	6.4	9.1	12.5	17.6	23.5	35.1	50.5	82.8	193.5
1984	12.6	5.8	8.8	12.7	17.7	24.3	35.3	50.2	80.1	184.5
1983	12.7	6.7	8.6	12.5	18.2	24.4	35.2	51.6	76.6	187.1
1982	12.9	7.5	10.3	13.5	18.6	24.9	35.5	51.3	76.5	169.0
1981	12.8	7.7	10.4	13.2	19.1	25.9	37.6	49.5	80.9	168.8
1980	12.7	7.3	9.6	14.0	19.2	26.2	37.2	52.2	78.3	169.8
1979	12.3	7.3	10.1	13.6	18.1	25.8	36.4	49.6	74.7	157.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
All races, male										
1998	9.4	7.3	7.4	8.2	12.0	16.6	23.8	33.5	58.9	161.9
1997	9.8	7.4	7.6	9.7	12.7	17.2	23.1	36.3	58.3	156.4
1996	10.1	8.6	8.6	9.9	13.2	16.6	22.4	36.6	65.0	159.3
1995	10.9	9.1	9.1	10.4	14.0	16.9	25.0	36.2	60.2	158.7
1994	10.3	6.9	7.8	8.9	13.5	17.2	23.5	35.1	56.4	152.4
1993	11.2	7.9	8.4	10.7	14.3	17.7	23.3	37.1	59.0	157.0
1992	10.0	6.3	6.3	9.1	11.7	15.5	22.1	31.5	48.8	137.6
1991	10.9	7.3	7.2	8.6	12.0	16.1	22.9	32.7	57.1	133.5
1990	11.2	6.9	7.9	9.8	12.8	16.6	22.6	34.2	59.3	128.4
1989	12.6	8.2	9.1	11.0	13.9	20.5	28.9	43.0	65.2	159.8
1988	14.2	8.3	10.1	13.6	19.3	27.2	38.4	56.0	88.2	198.3
1987	14.8	9.2	11.6	15.8	21.3	29.0	41.5	63.7	88.4	199.6
1986	15.0	8.8	12.2	16.2	23.3	32.1	45.8	68.3	104.2	224.1
1985	15.1	8.6	12.7	18.0	25.4	32.7	50.4	72.3	110.2	224.7
1984	14.6	7.8	12.8	18.4	25.8	34.8	48.5	70.0	104.8	213.3
1983	14.7	8.8	11.6	17.4	26.3	35.0	51.1	72.6	104.2	223.8
1982	15.2	9.8	14.3	19.5	25.5	35.7	51.0	70.5	106.8	200.6
1981	15.4	10.0	14.5	18.8	28.3	38.3	55.3	69.5	110.5	214.3
1980	15.0	9.6	13.1	20.1	27.6	38.3	52.7	73.0	105.2	200.4
1979	14.7	9.6	14.3	19.6	25.9	38.8	53.0	68.2	102.7	187.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
All races, female										
1998	9.4	3.6	3.9	4.4	6.5	9.4	15.0	24.7	50.8	181.7
1997	9.1	3.9	3.2	4.8	6.7	8.6	15.2	24.3	46.4	173.6
1996	9.3	3.4	4.3	5.4	6.8	9.5	15.3	25.5	45.9	171.3
1995	9.6	3.9	4.3	5.3	7.0	10.1	15.8	26.2	46.0	165.2
1994	9.0	3.6	3.7	4.8	6.1	9.3	13.4	23.6	43.4	161.1
1993	9.3	3.9	4.6	5.5	6.7	9.8	15.5	24.2	45.1	154.8
1992	8.3	3.0	3.3	4.5	6.0	8.4	12.3	20.0	41.2	133.0
1991	8.4	3.7	3.7	4.7	6.0	8.6	12.8	20.2	42.0	128.2
1990	8.3	3.3	3.9	4.3	6.1	8.1	13.4	20.2	40.2	124.8
1989	9.3	3.7	3.9	5.7	7.7	10.1	14.2	24.8	44.5	142.3
1988	11.1	3.9	5.5	6.2	9.9	13.7	20.8	34.6	62.8	173.1
1987	11.1	4.7	6.4	7.8	10.3	13.7	21.0	35.4	64.6	167.0
1986	11.2	4.7	5.7	7.5	11.0	15.4	23.9	37.1	64.8	179.3
1985	11.0	4.3	5.7	7.6	10.9	16.0	24.0	36.8	68.5	181.0
1984	10.7	3.8	5.1	7.6	10.6	15.8	25.8	37.7	67.1	172.9
1983	10.8	4.8	5.8	8.1	11.2	15.8	23.7	38.4	62.1	172.0
1982	10.7	5.2	6.6	8.2	12.7	16.3	24.2	39.2	60.6	155.8
1981	10.5	5.5	6.5	8.2	11.1	15.9	24.8	36.9	65.1	149.4
1980	10.6	5.2	6.3	8.5	12.0	16.5	25.9	39.1	64.0	156.4
1979	10.0	5.1	6.2	8.2	11.3	15.4	24.5	37.8	59.8	143.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
White, both sexes										
1998	9.3	4.7	5.2	5.6	8.4	11.8	17.9	27.4	52.7	176.2
1997	9.3	4.7	4.8	6.4	8.7	12.1	18.0	28.6	49.7	168.5
1996	9.5	5.2	5.7	6.9	9.2	12.3	17.7	29.1	51.8	169.3
1995	9.9	5.7	6.1	7.0	9.6	12.5	18.8	29.1	50.0	162.0
1994	9.1	4.5	4.9	6.1	9.2	11.9	16.8	26.9	46.1	159.7
1993	9.5	4.7	5.4	7.1	9.3	12.3	17.6	28.1	48.3	155.1
1992	8.4	3.9	4.2	6.1	7.7	10.7	15.5	23.3	41.6	133.1
1991	8.7	4.4	4.8	6.1	8.0	11.3	16.0	24.0	44.2	127.0
1990	8.7	4.0	4.8	5.8	8.4	10.8	16.3	23.8	44.0	122.5
1989	9.9	4.9	5.6	7.1	9.6	13.7	19.5	30.0	49.9	144.8
1988	11.7	4.8	6.6	8.5	13.0	18.0	26.7	41.6	68.5	177.3
1987	11.8	5.5	7.6	10.4	13.7	18.5	27.6	43.5	68.1	171.4
1986	11.9	5.3	7.3	10.2	14.7	20.6	30.1	45.2	72.5	182.4
1985	11.8	5.0	7.6	10.8	15.2	20.4	31.6	45.7	74.7	183.3
1984	11.4	4.7	7.4	11.0	15.0	22.1	30.7	44.4	71.2	173.5
1983	11.2	5.3	7.2	10.6	15.8	21.0	30.5	44.8	67.3	172.0
1982	11.3	6.1	8.5	11.2	15.3	21.7	30.3	45.1	67.4	155.9
1981	11.2	5.8	8.5	10.8	16.4	22.4	32.5	42.4	70.0	153.5
1980	10.7	5.5	7.4	11.4	16.1	21.7	29.9	43.2	66.3	148.8
1979	10.3	5.6	7.8	10.8	14.8	20.9	30.1	41.7	64.4	138.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
White, male										
1998	9.0	6.4	6.8	7.4	11.1	15.1	22.3	32.0	57.7	160.5
1997	9.3	6.1	6.9	8.5	11.6	16.4	22.0	35.1	57.3	153.7
1996	9.6	7.4	7.7	8.9	12.3	15.9	21.6	35.0	63.9	160.9
1995	10.3	7.9	8.2	9.2	13.0	15.8	23.7	34.7	58.0	155.6
1994	9.4	5.9	6.5	7.9	12.6	15.7	21.9	33.2	53.1	153.5
1993	10.0	6.3	6.9	9.4	12.7	16.3	21.6	34.6	57.1	155.2
1992	9.0	5.3	5.4	8.0	10.2	14.2	20.6	29.4	46.1	136.7
1991	9.7	5.8	6.2	7.9	11.0	15.4	21.6	31.5	53.5	128.3
1990	9.7	5.2	6.3	8.0	11.4	15.1	21.5	32.0	56.3	125.2
1989	11.2	6.7	7.7	9.2	12.4	18.9	27.9	40.5	61.7	155.1
1988	12.8	6.3	8.6	11.7	17.2	24.7	36.1	54.0	82.9	192.6
1987	13.3	7.1	9.9	13.9	19.1	26.0	39.3	59.9	82.8	191.3
1986	13.5	6.9	9.8	14.0	20.4	28.8	41.8	63.0	96.1	211.9
1985	13.5	6.5	10.5	15.3	22.0	28.6	45.8	65.8	99.4	207.6
1984	12.9	6.4	10.5	15.5	21.8	31.4	42.1	62.4	92.0	197.6
1983	12.9	6.9	9.6	14.7	22.6	30.4	45.0	63.9	89.8	205.1
1982	13.2	7.7	11.7	16.0	21.0	31.2	44.6	62.4	95.1	181.8
1981	13.3	7.3	11.6	15.5	24.8	33.5	48.3	60.1	94.9	190.3
1980	12.6	7.0	10.0	16.4	23.2	32.9	43.1	61.0	90.5	174.3
1979	12.3	7.3	11.0	15.5	21.5	32.3	45.5	58.6	88.8	162.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
White, female										
1998	9.6	3.0	3.7	4.0	6.0	9.0	14.4	24.2	49.8	182.4
1997	9.2	3.3	2.8	4.4	6.1	8.4	14.8	24.1	45.3	174.2
1996	9.4	3.1	3.7	5.0	6.4	9.2	14.7	25.0	45.0	172.6
1995	9.6	3.6	4.0	4.9	6.6	9.7	14.9	25.3	45.5	164.4
1994	8.8	3.1	3.3	4.4	6.0	8.8	12.8	22.7	42.2	162.1
1993	9.0	3.2	3.9	5.0	6.3	9.1	14.5	23.8	43.6	155.0
1992	7.8	2.6	3.0	4.2	5.5	7.8	11.6	19.3	39.2	131.8
1991	7.8	3.1	3.4	4.4	5.4	7.9	11.8	19.1	39.2	126.5
1990	7.6	2.9	3.3	3.7	5.7	7.4	12.4	18.6	37.5	121.5
1989	8.7	3.1	3.5	5.1	7.1	9.4	13.2	23.3	43.6	140.9
1988	10.5	3.2	4.7	5.4	9.3	12.4	19.7	33.7	61.0	171.4
1987	10.4	4.0	5.3	7.1	9.0	12.3	19.0	33.1	60.4	163.7
1986	10.4	3.8	4.9	6.8	9.7	13.9	21.5	34.0	60.2	170.8
1985	10.2	3.6	4.8	6.7	9.3	13.7	21.2	33.1	61.8	173.9
1984	9.8	3.1	4.5	6.9	9.0	14.5	22.4	33.1	60.3	164.0
1983	9.7	3.8	4.9	6.9	9.8	13.4	20.0	32.9	55.6	158.7
1982	9.5	4.5	5.5	6.8	10.3	14.0	20.0	34.4	53.0	145.2
1981	9.2	4.3	5.6	6.5	9.0	13.4	21.1	31.4	56.9	138.1
1980	8.9	4.1	4.8	6.9	9.9	12.7	20.4	32.2	53.7	137.8
1979	8.4	4.0	4.8	6.4	8.9	11.9	19.1	31.2	51.5	127.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
All other, both sexes										
1998	10.1	8.9	8.1	9.8	13.3	18.4	26.5	36.4	64.2	174.4
1997	10.3	10.4	8.7	11.5	14.8	15.7	24.0	34.9	61.1	171.5
1996	10.8	9.9	10.6	11.7	13.7	16.1	24.3	38.8	62.1	154.1
1995	11.9	10.6	10.2	12.1	14.7	17.9	28.3	40.9	61.8	177.2
1994	12.1	9.6	10.4	11.3	12.8	19.7	26.1	40.5	67.4	147.9
1993	13.7	12.4	12.7	13.4	16.9	21.4	29.9	41.0	67.0	158.8
1992	12.9	9.0	8.6	10.9	15.5	18.6	25.9	36.9	66.8	145.7
1991	14.1	11.8	9.2	9.7	14.2	17.6	27.2	35.3	79.2	157.8
1990	15.2	11.3	12.5	14.5	15.3	20.6	26.6	43.1	75.9	160.9
1989	16.3	11.8	12.1	15.9	18.3	23.9	29.8	49.7	70.4	172.7
1988	18.0	13.9	14.9	18.5	24.4	34.9	43.0	55.6	104.1	210.9
1987	18.9	15.4	17.7	20.5	28.7	38.4	48.5	73.9	122.7	227.5
1986	19.3	15.2	18.8	22.0	32.9	42.8	60.5	87.3	141.1	297.4
1985	19.8	15.3	18.9	25.8	38.1	50.6	67.8	96.3	171.8	304.5
1984	19.7	12.7	18.5	26.4	40.7	43.6	78.5	105.9	178.8	305.1
1983	21.1	16.0	18.6	27.9	39.6	53.9	79.0	117.1	180.2	354.3
1982	22.1	16.3	23.4	32.3	47.9	53.8	83.5	110.9	179.4	315.5
1981	22.6	20.3	24.2	33.1	43.5	56.7	85.9	118.4	206.6	343.2
1980	24.9	19.7	26.7	36.3	47.8	66.4	106.6	140.2	219.5	411.4
1979	24.9	19.4	28.8	37.9	48.9	68.6	98.2	126.4	196.9	375.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
All other, male										
1998	11.6	11.9	11.5	13.4	18.3	27.4	37.8	47.6	71.1	175.4
1997	12.3	14.9	12.6	17.4	20.4	23.7	32.5	48.1	69.0	182.4
1996	12.6	15.4	14.2	16.6	19.5	22.4	30.6	52.4	76.3	143.5
1995	14.2	16.6	15.3	17.8	21.0	25.4	36.8	51.6	82.2	186.6
1994	14.8	13.1	16.0	15.9	20.4	29.4	37.6	54.5	89.6	142.4
1993	17.0	18.0	17.9	19.7	26.1	29.7	39.1	62.0	77.8	174.4
1992	15.5	12.8	12.5	16.5	23.4	26.5	36.5	53.1	75.4	146.2
1991	16.9	17.4	13.8	13.6	19.6	22.2	35.0	44.0	93.1	182.0
1990	18.8	17.7	18.2	22.7	24.2	29.6	33.5	55.8	89.0	158.5
1989	20.5	17.6	19.2	24.0	26.8	34.4	38.9	67.1	99.2	203.7
1988	22.0	21.0	20.9	27.5	37.2	49.3	61.1	75.3	141.0	250.6
1987	23.0	22.8	23.3	30.2	39.7	57.0	62.9	99.1	144.6	277.9
1986	23.6	21.5	29.1	34.0	48.3	62.4	83.6	118.1	185.2	338.7
1985	24.2	23.0	28.2	40.3	56.2	70.3	94.3	132.5	220.2	386.3
1984	24.1	17.9	30.0	42.5	61.9	66.3	109.8	140.6	234.7	359.7
1983	25.3	22.0	26.5	40.3	60.2	77.2	108.5	152.3	253.6	402.9
1982	26.9	24.3	34.8	48.7	66.9	76.9	110.7	145.5	228.7	382.1
1981	27.8	29.3	38.1	46.8	61.3	82.4	120.5	157.5	274.7	453.1
1980	29.7	29.0	38.4	53.9	69.8	87.4	142.8	184.7	262.5	467.4
1979	30.1	28.0	43.2	55.5	68.5	97.9	123.9	154.3	251.2	452.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
All other, female										
1998	8.7	6.3	5.2	6.8	9.4	11.7	18.9	29.3	60.5	174.0
1997	8.5	6.5	5.4	6.7	10.4	9.7	18.1	26.5	56.8	166.9
1996	9.1	5.3	7.5	7.6	9.2	11.4	20.0	30.3	54.6	158.5
1995	9.7	5.4	5.9	7.3	9.8	12.3	22.4	34.2	50.9	173.1
1994	9.6	6.6	5.7	7.6	6.9	12.5	18.2	31.9	55.5	150.3
1993	10.8	7.6	8.3	8.2	9.8	15.4	23.5	28.1	61.0	152.0
1992	10.4	5.7	5.3	6.4	9.5	12.7	18.6	27.0	62.0	145.5
1991	11.6	7.1	5.3	6.5	10.1	14.2	21.9	29.9	71.5	147.1
1990	11.9	5.7	7.7	8.0	8.5	14.0	22.0	35.2	68.5	162.0
1989	12.4	6.9	6.0	9.4	11.9	16.1	23.6	38.9	54.2	157.4
1988	14.3	7.8	9.8	11.2	14.5	24.1	30.5	42.9	82.4	192.3
1987	15.1	9.0	13.0	12.7	20.2	24.6	38.8	57.7	110.2	203.7
1986	15.4	9.7	10.3	12.3	21.1	28.1	44.7	67.6	115.9	277.6
1985	15.9	8.7	11.3	14.0	23.8	35.7	49.4	72.6	143.9	264.7
1984	15.7	8.4	8.9	13.3	24.1	26.6	56.8	82.9	145.9	277.9
1983	17.2	10.8	12.1	17.8	23.4	36.3	58.2	93.5	137.0	330.2
1982	17.8	9.6	14.1	18.9	32.7	36.4	63.6	87.7	151.0	282.0
1981	18.0	12.8	13.0	21.9	29.2	37.3	60.5	92.0	165.3	285.0
1980	20.6	12.1	17.2	21.8	30.2	50.2	79.7	109.9	193.0	382.7
1979	20.2	12.3	17.0	23.1	33.0	45.9	78.4	105.4	163.0	339.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
Black, both sexes										
1998	12.6	11.7	10.5	12.9	17.5	22.5	33.4	43.6	74.1	194.6
1997	12.9	13.9	11.6	15.0	19.3	18.2	29.0	40.9	69.5	188.6
1996	13.4	13.1	13.9	14.5	17.4	20.4	29.5	45.7	70.6	168.8
1995	14.6	13.8	12.6	15.2	18.5	22.3	33.4	48.7	69.7	193.8
1994	14.7	12.3	13.3	14.1	16.1	23.6	31.5	46.7	76.5	163.0
1993	16.9	16.3	16.3	16.9	20.3	26.5	35.5	47.5	73.8	173.9
1992	15.6	11.5	10.5	12.9	18.7	22.2	30.5	41.8	76.0	156.2
1991	17.0	14.9	10.9	11.7	17.0	20.9	31.2	39.6	89.3	166.3
1990	18.1	14.3	15.2	17.6	17.3	24.5	29.2	47.8	83.9	174.7
1989	19.4	14.7	14.7	19.4	22.1	28.5	35.0	57.0	80.1	190.0
1988	21.4	17.2	18.0	22.1	29.2	41.5	50.6	61.9	116.2	227.1
1987	22.4	19.3	21.8	23.7	34.2	44.8	56.7	83.6	137.3	247.1
1986	22.9	18.5	23.1	26.2	39.5	49.7	70.0	98.9	158.0	319.4
1985	23.2	18.5	23.3	30.8	44.3	57.9	77.0	109.0	187.3	324.6
1984	23.1	15.3	22.5	30.7	47.6	50.5	89.9	118.7	197.9	327.4
1983	24.4	19.3	22.2	32.2	46.0	60.8	89.1	131.7	195.2	384.2
1982	25.2	18.8	27.5	37.2	54.4	60.2	93.1	122.8	198.2	331.8
1981	25.4	23.2	27.9	37.3	48.5	61.9	94.7	128.4	225.4	368.5
1980	28.0	23.2	30.9	41.1	52.5	73.3	117.1	153.9	240.3	433.2
1979	27.5	22.3	32.6	42.2	54.2	75.3	107.6	134.8	209.0	395.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
Black, male										
1998	14.5	15.6	15.1	18.5	23.6	34.1	48.3	59.2	87.5	206.9
1997	15.4	20.0	16.8	23.2	26.9	28.1	39.0	56.3	82.9	210.4
1996	15.7	20.4	18.9	21.3	25.3	29.1	37.0	64.5	91.7	163.2
1995	17.7	21.4	19.3	23.3	26.9	31.7	42.9	64.6	98.0	214.5
1994	18.0	16.5	20.9	20.2	25.7	35.0	47.1	64.2	102.2	156.9
1993	20.9	23.4	23.6	25.5	31.4	37.6	46.6	75.5	86.8	196.1
1992	18.8	16.5	15.5	20.4	28.1	32.7	43.9	62.9	88.3	161.1
1991	20.4	22.3	16.9	17.0	23.8	27.8	40.0	51.3	107.6	197.1
1990	22.3	22.5	22.6	28.0	28.0	35.8	37.2	62.1	102.7	176.6
1989	24.5	22.4	23.9	29.0	32.7	42.3	46.8	78.1	117.5	234.8
1988	26.3	25.9	25.3	32.4	45.0	59.4	72.8	86.4	166.0	275.4
1987	27.5	29.2	29.5	35.1	48.2	67.1	73.1	116.0	170.7	310.9
1986	28.2	26.7	35.9	40.8	58.3	72.9	98.0	139.0	214.4	382.5
1985	28.4	28.0	35.5	48.2	66.1	81.4	109.8	154.1	242.5	414.5
1984	28.4	22.1	36.6	49.2	73.3	77.7	128.2	161.1	269.0	391.8
1983	29.5	27.4	32.1	46.4	69.5	86.9	125.8	175.8	275.6	445.0
1982	30.9	28.9	41.1	56.8	77.6	87.4	126.9	164.0	255.0	398.3
1981	31.0	34.7	43.4	53.2	68.9	90.1	135.1	171.5	297.4	498.2
1980	33.5	34.0	44.2	61.8	76.7	97.5	160.7	210.5	287.9	496.1
1979	33.4	32.3	49.0	62.8	76.6	109.2	138.5	167.1	267.5	486.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (780-799)										
Black, female										
1998	10.9	8.4	6.6	8.3	12.7	14.0	23.6	34.2	67.6	189.9
1997	10.6	8.7	7.3	8.4	13.3	10.9	22.4	31.6	63.0	180.4
1996	11.3	6.9	9.8	9.1	11.3	14.0	24.5	34.4	60.3	170.9
1995	11.9	7.4	7.1	8.8	11.9	15.2	27.1	39.1	55.9	185.8
1994	11.8	8.7	7.0	9.3	8.6	15.2	21.3	36.4	63.8	165.4
1993	13.2	10.2	10.3	10.1	11.8	18.3	28.0	31.3	67.3	165.1
1992	12.6	7.4	6.5	6.9	11.5	14.5	21.6	29.7	69.7	154.2
1991	13.9	8.7	6.0	7.5	11.8	16.0	25.4	32.8	80.0	153.6
1990	14.3	7.4	9.1	9.3	9.2	16.4	23.9	39.4	74.2	174.0
1989	14.7	8.3	7.2	11.7	14.1	18.5	27.2	44.5	60.5	171.9
1988	17.0	9.9	12.0	13.9	17.3	28.5	35.8	47.3	89.9	206.0
1987	17.8	11.1	15.4	14.5	23.4	28.6	45.8	64.0	119.3	218.8
1986	18.2	11.7	12.7	14.5	25.1	32.7	51.3	74.4	127.3	290.6
1985	18.6	10.7	13.4	16.7	27.5	40.7	55.4	81.0	157.0	282.7
1984	18.3	9.7	10.9	15.7	27.7	30.4	64.3	92.1	158.6	296.9
1983	19.8	12.7	14.0	20.7	27.9	41.5	64.4	103.1	149.7	354.8
1982	20.2	10.5	16.5	21.3	36.3	40.2	69.9	96.8	165.2	299.2
1981	20.3	13.7	15.3	24.3	32.4	41.2	66.4	100.4	183.3	300.9
1980	23.1	14.3	20.1	24.3	33.3	55.3	86.1	117.0	211.7	401.7
1979	22.2	14.0	19.3	25.3	36.3	50.0	85.4	112.3	172.6	350.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other diseases (Residual)										
All races, both sexes										
1998	65.1	29.3	37.3	51.3	74.9	113.0	180.7	305.4	582.2	1,537.1
1997	62.5	28.9	36.1	49.4	74.2	108.8	176.3	300.0	551.4	1,471.5
1996	60.1	27.5	36.0	49.3	74.1	105.9	171.6	289.6	536.2	1,398.1
1995	58.4	28.2	36.6	49.4	72.2	104.4	164.4	284.2	524.5	1,347.7
1994	56.7	27.4	35.6	49.5	72.9	104.1	163.9	278.3	514.4	1,298.4
1993	55.2	27.0	34.7	48.9	70.9	105.1	161.5	277.3	501.0	1,252.9
1992	52.3	26.5	34.1	47.3	69.5	103.4	158.1	262.5	473.6	1,161.3
1991	51.9	26.0	34.5	49.0	71.4	100.9	160.3	262.8	481.9	1,156.3
1990	51.2	25.4	35.8	48.4	70.7	101.5	159.4	264.4	478.8	1,168.4
1989	51.2	25.8	35.0	48.9	71.0	103.3	161.1	266.4	481.9	1,147.0
1988	50.6	26.8	35.2	49.7	72.2	102.7	160.6	267.6	478.9	1,131.7
1987	48.8	25.5	35.8	47.5	70.8	102.9	161.3	264.3	464.8	1,064.6
1986	49.6	30.0	38.1	49.2	70.2	101.7	157.4	260.8	451.4	1,009.7
1985	47.3	27.7	37.1	50.4	70.3	100.0	154.9	254.3	450.6	967.5
1984	44.5	26.0	34.5	48.3	69.2	99.5	150.8	247.4	423.9	909.0
1983	42.8	25.7	36.2	49.9	69.1	99.6	147.1	241.3	404.8	850.0
1982	40.7	25.7	35.3	47.5	66.4	95.9	145.7	229.5	390.9	793.4
1981	40.7	27.6	35.9	50.3	68.9	97.8	145.6	225.8	387.6	773.9
1980	40.7	28.2	38.5	49.6	70.9	101.0	148.6	229.2	385.3	755.3
1979	38.4	26.8	38.4	48.4	69.0	94.8	142.1	218.9	356.6	676.4
All other diseases (Residual)										
All races, male										
1998	53.9	36.4	44.5	58.5	85.1	126.3	197.8	331.8	610.9	1,378.1
1997	52.5	36.4	42.1	57.3	82.9	121.8	196.9	327.8	593.1	1,348.8
1996	51.2	34.3	42.3	58.1	85.6	118.2	191.4	318.9	578.9	1,300.8
1995	50.4	35.6	43.9	59.3	84.2	119.7	184.6	312.4	564.4	1,276.7
1994	49.5	33.4	43.2	58.9	86.9	121.8	185.7	307.4	564.8	1,240.4
1993	48.7	32.9	42.2	57.3	83.7	121.7	183.7	315.6	554.5	1,222.6
1992	47.0	33.7	41.6	55.8	81.8	120.2	180.3	301.7	522.7	1,165.7
1991	46.8	32.6	41.4	58.6	85.7	117.9	184.4	302.6	539.0	1,139.4
1990	46.3	32.1	44.2	58.6	83.6	120.4	181.5	308.8	526.0	1,146.8
1989	46.8	32.3	43.1	58.4	86.8	123.3	188.4	310.1	532.3	1,131.4
1988	46.8	33.3	43.6	59.7	88.0	123.4	189.5	311.3	528.2	1,137.3
1987	45.3	32.5	44.3	57.4	83.7	120.5	191.0	307.8	530.7	1,067.3
1986	48.9	40.2	48.3	61.9	85.0	119.0	187.6	308.0	507.4	1,035.7
1985	46.1	35.7	46.0	61.6	84.2	120.5	184.5	301.1	513.9	1,010.0
1984	42.7	31.9	42.0	57.2	82.5	119.0	180.3	292.2	481.4	940.3
1983	41.7	31.0	43.3	61.0	83.5	119.7	175.4	288.3	468.2	918.9
1982	39.2	30.5	42.9	57.0	79.0	114.3	172.7	263.1	436.7	845.3
1981	39.7	32.8	43.6	59.9	80.9	118.0	174.3	265.4	437.3	825.0
1980	40.3	33.7	47.0	60.0	84.7	122.9	177.6	270.1	432.1	815.5
1979	38.6	33.3	46.7	59.2	84.9	114.9	166.9	260.1	414.3	723.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other diseases (Residual)										
All races, female										
1998	75.8	22.6	30.4	44.6	65.7	101.7	167.4	287.1	565.7	1,600.3
1997	72.0	21.6	30.4	42.1	66.3	97.7	160.5	280.9	527.6	1,519.7
1996	68.6	21.0	30.1	41.2	63.8	95.5	156.4	269.5	512.1	1,435.7
1995	66.0	21.1	29.6	40.2	61.4	91.6	148.9	265.1	502.4	1,375.0
1994	63.5	21.6	28.4	40.7	60.5	89.5	147.3	258.8	486.9	1,320.6
1993	61.4	21.4	27.6	41.2	59.5	91.5	144.6	252.0	472.0	1,264.4
1992	57.3	19.6	27.1	39.5	58.6	89.7	141.4	236.7	447.3	1,159.7
1991	56.8	19.6	28.0	40.1	58.8	87.0	142.1	236.8	451.5	1,162.8
1990	55.9	19.0	27.9	39.1	59.4	86.1	143.0	235.8	453.7	1,176.8
1989	55.4	19.6	27.3	40.3	57.3	87.1	140.9	238.4	455.5	1,153.0
1988	54.2	20.6	27.3	40.7	58.5	85.9	139.5	239.7	452.8	1,129.5
1987	52.2	18.8	27.8	38.4	59.8	88.6	139.6	236.7	430.3	1,063.5
1986	50.3	20.1	28.5	37.6	57.5	87.7	135.5	231.0	422.0	999.4
1985	48.5	20.1	28.7	40.3	58.3	83.3	133.4	224.9	417.3	950.6
1984	46.2	20.3	27.5	40.3	57.7	83.8	129.5	219.3	393.7	896.4
1983	43.9	20.6	29.5	40.1	56.6	83.4	126.7	211.7	371.3	821.8
1982	42.0	21.1	28.2	39.1	55.5	81.1	126.2	208.5	366.9	771.7
1981	41.6	22.7	28.8	41.7	58.4	81.6	124.9	201.0	361.2	751.8
1980	41.0	23.0	30.7	40.3	58.9	83.5	127.7	203.6	360.4	729.0
1979	38.3	20.6	30.7	38.7	55.4	78.7	124.1	193.0	325.6	655.5
All other diseases (Residual)										
White, both sexes										
1998	68.5	25.6	33.2	46.6	69.2	107.7	174.3	300.8	580.5	1,561.0
1997	65.5	24.5	32.4	44.9	68.8	104.3	170.5	295.3	549.6	1,491.8
1996	62.6	23.1	31.8	44.7	69.3	101.2	164.7	283.5	531.5	1,415.6
1995	60.5	23.7	31.2	44.6	66.7	99.0	158.7	279.3	519.0	1,361.7
1994	58.5	23.3	31.3	45.0	67.8	98.7	157.2	271.3	508.3	1,309.4
1993	56.6	22.9	30.0	43.4	65.6	99.8	154.7	270.8	492.8	1,258.1
1992	53.3	22.2	29.0	41.6	63.8	97.5	150.8	255.5	466.6	1,167.8
1991	52.6	21.8	29.3	43.4	65.5	94.5	154.0	255.2	472.7	1,158.4
1990	51.6	20.6	30.0	42.8	64.5	95.2	151.9	256.0	470.1	1,164.9
1989	51.2	20.6	28.8	43.1	64.1	96.5	153.4	258.2	472.1	1,140.9
1988	50.4	21.4	29.3	43.7	65.7	95.7	152.7	258.4	468.7	1,132.0
1987	48.6	20.7	30.0	41.7	64.6	96.2	153.5	255.2	453.4	1,066.9
1986	48.8	24.3	32.1	43.3	63.9	95.2	149.9	251.6	442.5	1,006.5
1985	46.7	22.8	31.5	45.1	64.5	93.8	147.5	246.6	439.5	966.2
1984	44.0	20.8	29.6	43.3	63.7	93.8	144.3	239.6	411.3	914.1
1983	42.3	21.0	30.9	44.8	63.1	94.2	140.4	234.5	396.1	852.5
1982	40.2	20.7	31.0	43.0	61.6	91.0	139.6	223.1	383.5	795.4
1981	39.9	22.7	31.3	44.8	63.8	92.8	139.8	219.5	378.7	774.7
1980	39.7	22.6	33.0	44.5	65.5	95.6	141.6	222.8	380.0	758.3
1979	37.5	21.9	33.6	43.5	64.2	90.6	136.7	212.0	353.6	678.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other diseases (Residual)										
White, male										
1998	55.4	32.1	39.7	52.8	77.4	120.4	190.9	325.1	604.8	1,392.0
1997	53.8	31.2	37.7	51.9	76.9	116.8	190.0	319.2	588.1	1,356.0
1996	52.0	29.1	37.4	52.3	79.9	112.6	183.0	309.2	570.7	1,310.0
1995	50.8	29.8	36.9	53.6	77.2	112.5	176.6	305.0	556.2	1,280.9
1994	49.8	28.5	37.5	53.9	80.2	114.5	177.0	298.8	556.3	1,240.5
1993	48.7	27.9	36.6	50.7	76.8	115.2	174.8	307.2	541.2	1,214.4
1992	46.7	28.1	35.0	49.2	75.4	112.8	171.1	291.8	509.5	1,165.1
1991	46.3	27.2	34.8	51.3	78.4	109.9	176.3	293.7	527.9	1,138.9
1990	45.3	25.6	37.3	51.7	75.5	113.3	172.3	296.6	513.3	1,136.2
1989	45.6	25.7	34.7	51.1	78.7	115.1	178.5	300.1	520.6	1,124.8
1988	45.2	26.2	36.0	51.8	79.9	113.4	179.9	299.0	517.4	1,133.5
1987	43.9	26.0	37.3	50.2	75.7	113.0	181.8	295.8	515.9	1,062.4
1986	46.6	32.6	40.3	54.5	76.9	110.9	177.2	295.7	495.4	1,035.1
1985	44.2	29.1	38.9	54.9	76.5	112.4	175.4	291.0	499.0	1,013.7
1984	41.1	25.6	35.7	51.2	74.8	111.9	172.6	284.3	465.5	940.9
1983	40.3	25.4	36.7	54.4	76.3	112.8	167.1	280.0	456.9	923.5
1982	37.8	24.5	37.3	51.3	72.3	107.5	165.6	256.5	426.4	846.0
1981	38.1	26.5	37.8	52.5	74.7	111.8	167.3	258.6	425.6	823.5
1980	38.4	26.9	39.8	53.4	78.1	115.7	168.2	261.8	425.6	814.6
1979	36.8	27.1	40.7	52.8	78.0	110.2	160.0	252.5	408.5	721.2
All other diseases (Residual)										
White, female										
1998	81.1	19.2	26.9	40.7	61.7	96.7	161.3	283.8	566.3	1,627.9
1997	76.9	18.0	27.3	38.4	61.4	93.6	155.3	278.7	527.5	1,544.6
1996	72.8	17.2	26.4	37.5	59.7	91.5	150.4	265.8	509.4	1,456.2
1995	69.8	17.7	25.7	36.1	57.2	87.5	144.8	261.8	498.2	1,392.5
1994	66.9	18.1	25.3	36.5	56.5	85.4	141.9	252.7	482.0	1,335.5
1993	64.2	18.0	23.6	36.6	55.5	87.0	139.2	246.5	466.5	1,274.5
1992	59.6	16.3	23.1	34.5	53.3	84.9	135.3	231.5	443.6	1,168.8
1991	58.8	16.5	24.1	36.0	54.0	81.8	137.0	229.9	443.3	1,165.8
1990	57.6	15.7	23.1	34.5	54.8	80.4	136.6	229.8	447.3	1,175.8
1989	56.5	15.7	23.2	35.7	51.2	81.3	134.8	231.3	446.6	1,147.6
1988	55.4	16.7	22.8	36.1	53.3	81.1	132.6	232.5	443.3	1,131.5
1987	53.1	15.5	23.1	33.9	54.9	82.3	132.7	229.5	420.8	1,068.6
1986	50.8	16.3	24.2	32.9	52.5	82.4	130.0	223.8	415.0	995.4
1985	49.0	16.7	24.4	36.2	54.1	78.7	127.2	218.8	408.5	947.7
1984	46.7	16.1	23.8	36.1	54.0	79.1	123.8	211.7	383.0	903.5
1983	44.2	16.9	25.4	36.1	51.6	79.1	121.1	206.2	364.4	823.9
1982	42.5	17.0	25.0	35.4	52.3	77.7	120.8	202.3	361.0	774.6
1981	41.7	19.1	25.1	37.9	54.3	77.5	119.9	195.2	354.2	754.2
1980	41.0	18.5	26.6	36.5	54.6	79.4	122.4	198.5	356.0	734.1
1979	38.2	16.8	26.9	35.0	52.2	75.0	119.9	187.1	324.5	659.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other diseases (Residual)										
All other, both sexes										
1998	49.4	48.6	60.9	80.1	110.4	148.8	232.3	346.9	600.1	1,303.3
1997	48.2	51.5	58.1	76.4	107.8	140.1	224.5	343.3	569.1	1,271.4
1996	48.2	51.8	60.9	77.4	104.4	139.9	230.0	345.5	583.1	1,223.8
1995	48.4	53.7	69.0	78.4	107.9	144.5	213.7	329.7	580.7	1,207.2
1994	47.7	51.5	61.5	77.6	107.5	145.4	222.8	345.0	575.7	1,185.8
1993	48.3	51.5	63.6	83.8	106.9	146.4	221.6	339.8	584.9	1,199.3
1992	47.3	53.3	65.5	83.9	110.3	149.8	223.6	328.8	546.9	1,094.6
1991	48.2	51.1	66.2	85.2	114.3	152.5	217.2	335.6	577.7	1,134.0
1990	49.5	55.2	71.9	86.3	117.1	153.2	227.4	343.3	568.9	1,205.5
1989	51.3	57.9	74.0	88.8	124.4	160.4	231.1	344.0	584.4	1,211.7
1988	51.5	60.4	73.4	92.2	123.3	162.6	233.2	354.9	586.9	1,128.2
1987	50.0	55.0	73.0	89.3	120.5	161.3	232.9	349.9	587.0	1,039.6
1986	54.3	64.6	77.6	92.9	122.1	158.5	226.2	348.6	546.1	1,045.0
1985	51.1	58.3	74.6	90.4	119.1	153.4	222.8	328.1	571.8	981.6
1984	47.5	58.9	68.2	87.0	116.2	149.0	210.7	322.7	563.4	853.0
1983	45.7	55.6	73.0	90.4	121.1	147.5	209.0	306.5	501.5	822.6
1982	43.4	58.3	66.4	83.8	109.0	139.0	202.8	292.2	474.6	771.0
1981	45.1	60.4	70.7	95.8	114.3	141.3	200.9	287.0	490.0	765.8
1980	46.5	67.3	81.3	93.2	119.0	149.0	215.9	292.4	448.1	720.2
1979	43.9	61.3	76.7	90.4	114.1	131.4	195.1	285.5	392.4	648.9
All other diseases (Residual)										
All other, male										
1998	46.7	60.0	74.3	95.4	136.3	169.4	258.6	395.7	676.2	1,247.9
1997	46.3	65.5	69.7	92.1	123.2	160.7	259.0	411.3	645.7	1,281.3
1996	47.3	65.1	73.0	95.8	124.6	162.1	268.2	413.4	665.3	1,216.3
1995	48.6	70.7	89.0	96.3	133.9	177.5	258.9	385.5	649.9	1,238.0
1994	47.8	63.7	79.7	92.5	135.5	180.9	266.7	393.3	651.0	1,239.7
1993	48.8	64.6	79.0	102.3	135.3	176.0	266.5	400.1	689.5	1,298.4
1992	48.4	70.5	83.8	101.8	131.3	182.5	268.0	401.0	657.1	1,170.7
1991	49.4	67.4	84.8	110.1	143.8	186.7	262.0	391.2	650.8	1,143.9
1990	51.7	74.7	90.1	109.4	150.3	183.0	269.2	426.7	651.9	1,245.7
1989	53.2	75.6	100.0	112.7	154.4	196.0	283.5	406.3	647.9	1,192.6
1988	55.3	80.4	96.0	119.0	156.9	212.9	281.7	428.8	635.0	1,172.2
1987	53.1	74.4	92.9	113.8	151.7	188.4	278.8	420.9	679.5	1,113.0
1986	61.7	90.6	104.3	121.2	155.8	193.6	287.2	423.3	628.7	1,041.3
1985	57.2	79.7	97.0	115.4	153.4	194.9	271.0	395.6	666.3	975.3
1984	51.8	74.9	88.7	106.4	152.7	183.4	253.0	365.3	643.6	934.7
1983	49.9	69.8	94.1	116.0	150.1	183.5	253.6	365.5	585.6	873.9
1982	47.6	72.3	86.9	104.6	142.3	176.6	239.4	324.6	543.6	838.8
1981	49.5	78.0	90.8	124.5	139.5	173.9	239.9	328.0	560.4	839.1
1980	52.1	85.4	106.9	119.6	147.4	188.6	265.6	347.2	501.0	824.5
1979	49.8	81.0	98.0	116.7	151.3	158.1	233.0	327.2	476.7	745.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other diseases (Residual)										
All other, female										
1998	51.8	38.8	49.4	67.3	89.5	133.3	214.4	315.7	559.7	1,326.5
1997	49.9	39.5	48.1	63.3	95.5	124.8	200.9	300.3	528.7	1,267.3
1996	49.1	40.4	50.5	62.0	88.4	123.3	204.0	302.8	539.4	1,227.0
1995	48.3	39.1	52.0	63.7	87.6	120.0	182.8	294.8	543.9	1,194.0
1994	47.7	41.0	46.0	65.3	85.7	119.1	192.6	315.1	535.3	1,162.6
1993	47.9	40.2	50.4	68.6	84.8	124.5	190.5	302.8	528.0	1,156.5
1992	46.3	38.5	49.9	69.3	94.2	125.6	193.2	284.6	486.1	1,061.4
1991	47.0	37.0	50.3	65.1	91.7	127.2	186.6	301.2	537.3	1,129.7
1990	47.5	38.4	56.4	67.8	91.9	131.1	198.9	291.6	522.1	1,187.3
1989	49.6	42.7	52.0	69.5	101.4	133.6	195.2	305.1	550.9	1,213.6
1988	48.0	43.0	54.3	70.6	97.2	125.1	200.0	307.2	556.4	1,107.7
1987	47.1	38.3	56.5	69.5	96.5	141.1	201.6	304.5	534.2	1,004.9
1986	47.5	42.2	55.3	70.1	96.1	132.2	184.4	301.2	498.9	1,046.8
1985	45.5	40.1	56.2	70.1	92.2	122.0	189.0	283.8	517.2	984.7
1984	43.6	45.4	51.2	71.2	87.7	123.2	181.2	294.4	516.3	812.4
1983	41.9	43.5	56.0	69.6	98.2	120.5	178.0	267.0	452.1	797.1
1982	39.5	46.5	49.7	66.9	82.6	110.7	175.8	270.5	436.3	736.8
1981	41.1	45.6	54.4	72.0	94.0	116.6	171.8	259.3	447.3	722.8
1980	41.4	52.4	60.5	71.3	96.2	118.7	178.8	255.1	415.6	666.7
1979	38.7	45.2	59.4	68.5	84.0	110.8	165.8	253.5	339.9	604.4
All other diseases (Residual)										
Black, both sexes										
1998	60.5	62.6	78.7	98.6	136.1	178.7	279.4	402.3	683.2	1,396.4
1997	58.7	66.5	74.9	95.2	132.5	166.5	268.0	381.6	647.3	1,367.3
1996	58.7	66.6	76.0	96.4	128.2	163.4	277.0	396.4	642.7	1,313.7
1995	59.1	68.7	86.6	97.6	131.2	169.1	253.6	375.3	646.3	1,295.1
1994	57.9	65.5	76.0	96.3	130.8	171.6	261.8	390.1	633.8	1,263.5
1993	58.5	65.4	78.8	100.6	127.7	173.5	261.7	385.5	632.9	1,274.1
1992	57.0	67.7	81.3	101.1	133.5	174.0	257.4	364.5	601.6	1,154.8
1991	58.3	65.6	82.6	103.3	135.9	176.9	245.0	378.7	632.4	1,201.3
1990	59.5	69.0	88.9	102.8	136.0	176.3	258.6	380.5	621.3	1,276.1
1989	61.4	71.2	89.7	104.8	146.4	184.6	265.8	382.7	636.5	1,276.4
1988	61.2	74.6	88.2	108.0	142.0	186.0	263.9	386.9	633.5	1,193.0
1987	59.2	67.2	86.3	103.4	140.2	185.2	262.1	386.9	633.1	1,097.1
1986	64.2	79.1	92.8	108.1	140.5	180.1	252.8	385.0	582.4	1,083.6
1985	59.8	71.1	87.6	104.1	136.4	172.8	247.2	355.3	612.2	1,028.7
1984	54.9	70.6	80.2	99.7	131.9	164.9	233.5	348.3	601.3	888.9
1983	52.1	64.2	83.4	101.8	136.0	162.8	227.6	325.5	536.1	839.1
1982	49.3	66.7	75.6	95.9	121.1	151.6	221.7	314.8	510.6	801.1
1981	50.8	69.0	80.0	105.8	127.1	152.5	217.9	305.7	532.1	799.4
1980	51.5	77.2	91.7	101.7	128.7	159.0	229.1	312.2	477.1	736.2
1979	47.8	69.1	83.9	98.3	123.2	139.2	203.9	294.7	398.0	665.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
All other diseases (Residual)										
Black, male										
1998	57.1	76.7	96.4	118.5	171.0	205.6	315.5	477.0	796.2	1,370.6
1997	56.2	85.7	90.8	116.7	152.0	194.9	311.3	470.3	759.1	1,407.3
1996	57.6	84.3	93.5	120.9	155.4	190.1	331.6	482.9	757.5	1,356.0
1995	59.1	89.9	112.7	120.5	161.8	212.1	315.0	446.8	745.9	1,370.3
1994	58.3	81.2	99.4	118.3	166.3	212.6	321.7	457.8	744.7	1,369.9
1993	59.3	83.8	100.7	126.5	164.6	211.0	320.3	462.3	762.7	1,423.1
1992	58.6	91.3	106.8	126.6	160.8	215.0	312.2	452.2	736.2	1,270.9
1991	59.9	86.9	107.4	134.4	171.4	219.8	302.2	452.0	730.6	1,252.5
1990	62.2	95.4	113.9	132.6	175.1	211.0	304.8	488.5	726.0	1,355.1
1989	63.8	95.0	123.7	135.1	182.1	228.6	331.7	459.6	715.5	1,292.4
1988	65.9	102.1	116.9	139.7	184.0	246.6	320.8	472.9	698.9	1,240.0
1987	63.4	93.2	113.3	133.4	179.4	221.6	320.1	474.3	739.1	1,196.9
1986	73.4	114.0	125.5	141.9	179.5	222.4	323.4	474.4	678.9	1,087.3
1985	67.5	99.8	116.8	133.5	178.7	223.6	308.1	437.6	712.6	1,012.9
1984	60.1	91.9	104.8	123.1	175.5	205.6	282.9	401.2	689.3	980.3
1983	57.1	83.5	106.9	131.3	170.2	202.4	277.0	395.2	628.0	895.0
1982	54.1	82.4	100.8	120.6	158.9	193.7	268.2	350.3	577.5	870.7
1981	55.7	90.5	103.6	139.2	155.9	188.9	266.1	344.9	606.5	862.5
1980	57.8	97.9	121.8	131.0	160.1	202.5	284.3	374.0	538.5	835.7
1979	53.9	90.6	108.0	126.6	164.2	170.7	249.1	334.8	462.3	755.8
All other diseases (Residual)										
Black, female										
1998	63.6	50.5	63.8	82.5	108.7	158.8	255.6	357.1	628.2	1,406.1
1997	61.0	50.0	61.6	77.8	117.4	145.5	239.6	328.1	593.3	1,352.0
1996	59.7	51.6	61.5	76.7	107.1	143.5	241.1	344.6	586.9	1,297.5
1995	59.0	50.8	64.9	79.3	107.5	137.2	213.4	332.7	597.8	1,265.9
1994	57.6	52.3	56.5	78.7	103.3	141.2	222.5	350.3	579.2	1,221.8
1993	57.8	50.0	60.7	79.9	99.3	146.0	222.8	341.0	567.9	1,215.1
1992	55.7	47.8	60.2	80.8	112.6	144.0	221.2	313.8	533.3	1,108.1
1991	56.8	47.7	62.2	78.6	108.9	145.7	207.2	336.1	582.5	1,180.3
1990	57.0	46.8	68.4	79.2	106.6	151.3	228.2	317.2	567.0	1,242.6
1989	59.3	51.2	61.8	80.7	119.4	152.7	223.0	337.2	595.1	1,277.8
1988	57.0	51.6	64.6	82.7	110.2	142.1	225.8	335.5	598.9	1,172.5
1987	55.5	45.6	64.1	79.5	110.3	158.6	223.3	333.9	576.0	1,052.8
1986	55.9	50.2	66.1	80.9	110.9	149.1	205.6	330.2	529.7	1,081.9
1985	52.9	47.3	63.8	80.4	103.7	135.5	207.0	304.0	557.0	1,036.1
1984	50.1	53.1	60.0	80.5	98.1	134.8	200.5	315.0	552.6	845.7
1983	47.6	48.2	64.2	77.8	109.7	133.6	194.7	279.9	484.1	812.1
1982	45.0	53.8	55.1	75.8	91.5	120.5	189.8	293.2	471.7	766.9
1981	46.3	51.2	60.9	78.6	104.4	125.9	184.2	280.3	488.6	761.1
1980	45.9	60.1	67.3	77.8	103.9	126.6	189.8	272.0	440.3	686.5
1979	42.3	51.3	64.3	75.0	90.6	115.7	171.3	266.1	358.1	620.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidents (unintentional injuries) (E800-E869,E880-E929)										
All races, both sexes										
1998	34.2	31.9	28.2	29.1	31.3	37.1	51.0	76.2	130.4	266.1
1997	33.9	31.0	27.9	29.6	31.4	35.8	49.2	74.6	124.9	259.6
1996	34.1	30.1	28.2	28.8	31.8	36.1	50.5	72.7	125.2	258.8
1995	34.0	29.2	27.9	28.4	31.9	34.9	48.0	72.9	116.9	250.6
1994	33.7	29.1	27.3	27.6	30.3	35.0	47.1	73.3	122.4	240.9
1993	33.7	27.8	26.3	26.9	30.8	34.5	45.8	72.7	120.9	246.3
1992	32.7	26.4	26.6	28.0	29.8	35.6	46.4	70.6	117.1	235.6
1991	34.3	27.8	26.2	28.4	31.0	36.2	47.0	72.7	119.1	241.4
1990	35.8	28.1	29.6	30.6	34.7	38.1	49.0	75.7	117.2	240.4
1989	37.3	29.4	30.3	32.7	34.8	39.6	52.7	78.3	123.0	243.4
1988	38.5	29.9	31.5	32.3	35.1	41.0	53.8	77.8	127.9	254.7
1987	38.0	29.3	29.7	32.1	36.2	39.4	53.1	78.3	127.6	237.3
1986	38.4	29.3	30.9	31.5	34.9	38.0	53.8	78.7	125.6	236.9
1985	38.1	30.3	31.2	34.0	36.2	39.4	55.4	81.2	127.2	241.6
1984	38.3	31.3	31.9	33.2	35.7	41.1	54.3	81.6	126.8	243.0
1983	38.4	31.0	33.0	33.7	36.4	40.9	53.8	78.7	128.4	246.8
1982	39.5	33.3	33.5	34.9	36.2	40.9	54.0	78.4	126.3	240.7
1981	42.8	35.6	37.9	37.9	39.5	43.8	58.5	80.8	134.2	258.0
1980	45.6	37.6	38.8	39.8	42.0	48.0	61.6	93.6	144.2	277.1
1979	45.7	37.5	39.0	39.7	43.6	48.4	63.0	90.4	141.3	258.9
Accidents (unintentional injuries) (E800-E869,E880-E929)										
All races, male										
1998	45.4	48.2	41.8	42.4	44.5	50.9	67.9	100.7	179.4	356.3
1997	45.3	47.2	41.1	42.8	44.8	49.8	67.2	100.2	171.2	351.4
1996	45.6	45.4	41.6	42.2	45.5	51.0	68.7	97.3	171.9	350.7
1995	46.1	45.1	41.5	41.9	45.8	49.3	63.5	98.1	163.7	349.6
1994	46.1	43.9	40.5	40.8	44.2	48.1	64.0	101.2	173.0	340.7
1993	46.3	42.1	39.9	40.0	43.9	46.6	63.9	98.1	170.9	348.4
1992	45.2	39.5	40.8	41.7	43.9	50.5	64.8	95.8	168.4	324.0
1991	47.5	41.9	39.5	42.9	45.4	51.6	64.5	99.9	168.4	332.7
1990	50.0	42.0	44.5	45.0	50.8	53.6	68.4	102.0	163.6	329.6
1989	51.9	44.8	45.7	50.0	51.5	56.5	72.0	107.3	175.0	338.5
1988	54.1	46.4	46.8	48.2	51.9	58.6	74.9	106.8	181.1	358.4
1987	53.7	44.3	44.9	47.5	53.8	55.2	75.4	109.0	184.6	336.0
1986	54.9	45.4	47.7	47.8	51.4	54.0	74.6	111.4	176.0	335.4
1985	54.2	46.5	46.7	52.4	53.0	55.2	75.4	116.2	180.7	345.7
1984	54.7	47.5	48.7	50.5	52.6	60.6	77.0	116.3	178.1	341.4
1983	55.1	47.9	50.3	51.7	54.3	59.3	75.1	110.7	179.9	339.3
1982	57.2	51.7	51.2	53.7	54.3	59.9	75.3	112.9	175.0	324.5
1981	62.4	55.1	58.7	57.7	59.9	65.4	83.9	117.0	184.8	346.4
1980	66.3	58.4	59.8	60.8	62.7	71.2	86.8	130.4	196.4	356.4
1979	66.9	58.2	60.5	60.9	66.4	73.3	90.2	128.4	191.8	332.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidents (unintentional injuries) (E800-E869,E880-E929)										
All races, female										
1998	23.4	16.1	15.3	16.8	19.3	25.4	37.8	59.2	102.1	230.2
1997	23.0	15.4	15.3	17.3	19.4	23.9	35.2	57.0	98.5	223.6
1996	23.0	15.3	15.4	16.4	19.6	23.7	36.6	55.8	98.9	223.1
1995	22.3	14.0	15.0	16.0	19.6	23.0	36.2	55.8	90.9	212.5
1994	21.9	14.9	14.8	15.4	18.0	24.1	34.2	54.6	94.7	202.7
1993	21.7	13.9	13.3	14.9	19.2	24.6	32.0	55.8	93.8	207.3
1992	20.9	13.8	13.1	15.4	17.4	23.5	32.4	54.1	89.6	201.8
1991	21.7	14.2	13.7	15.0	18.4	23.6	33.9	54.9	92.8	206.4
1990	22.4	14.7	15.6	17.3	20.6	25.5	34.6	58.8	92.6	205.9
1989	23.4	14.6	15.9	16.9	20.3	25.8	38.4	59.6	95.5	206.4
1988	23.7	14.1	17.0	17.8	20.7	26.6	38.3	59.4	99.9	214.2
1987	23.0	14.9	15.5	18.0	21.0	26.6	36.8	58.8	97.6	198.5
1986	22.8	13.8	15.2	16.8	20.7	25.1	38.6	58.1	99.2	197.9
1985	22.8	14.9	16.7	17.4	21.7	26.5	40.9	59.1	99.2	200.0
1984	22.7	15.9	16.2	17.7	21.2	25.4	37.9	59.8	99.9	203.3
1983	22.7	14.9	16.8	17.5	20.8	26.1	38.3	58.6	101.3	208.9
1982	22.7	15.8	17.0	18.3	20.6	25.7	38.6	56.7	100.7	205.8
1981	24.2	17.1	18.6	20.2	21.8	26.4	40.1	58.2	107.3	220.3
1980	26.0	18.0	19.5	21.0	24.2	29.4	43.4	70.5	116.4	242.4
1979	25.7	18.0	19.1	20.8	23.9	28.5	43.3	66.5	114.1	226.4
Accidents (unintentional injuries) (E800-E869,E880-E929)										
White, both sexes										
1998	35.0	30.2	26.8	28.0	30.2	36.4	50.5	76.4	132.7	273.9
1997	34.4	29.4	26.4	28.4	29.9	34.7	47.9	74.1	126.6	267.2
1996	34.5	28.4	26.9	27.6	30.8	34.6	49.3	72.1	126.6	266.9
1995	34.2	27.2	26.6	27.0	30.1	33.6	46.5	72.4	116.6	257.3
1994	33.7	27.4	25.3	25.8	28.6	33.9	45.6	72.3	122.3	246.6
1993	33.7	26.3	24.6	25.6	29.2	32.8	44.7	72.4	121.5	249.8
1992	32.8	24.7	25.0	26.0	28.1	34.3	45.1	69.4	118.0	240.6
1991	34.1	26.4	24.7	26.6	29.6	34.3	45.8	72.2	119.6	244.1
1990	35.7	26.3	28.0	29.0	32.7	36.2	47.7	74.6	116.5	243.8
1989	36.9	27.3	28.0	30.5	32.5	37.3	51.2	76.9	123.0	243.8
1988	38.1	28.0	29.3	30.3	32.7	38.9	51.2	75.7	127.5	257.5
1987	37.7	27.3	27.8	30.2	34.3	37.2	51.1	77.5	126.5	239.1
1986	38.2	27.4	29.2	29.1	32.9	36.7	52.1	77.1	125.0	238.4
1985	37.9	28.4	29.1	31.9	33.9	37.6	53.2	79.3	125.6	243.4
1984	38.4	29.7	30.5	31.0	34.3	39.4	52.0	80.8	125.4	245.7
1983	38.3	28.9	30.9	31.4	34.1	38.3	51.1	76.8	125.4	251.2
1982	39.5	31.5	31.3	32.7	34.2	39.2	51.6	77.1	126.0	245.7
1981	42.9	33.3	35.8	35.7	37.3	41.5	56.3	79.9	133.0	262.5
1980	45.2	35.3	35.8	36.9	39.0	44.8	58.4	89.3	141.0	279.8
1979	45.5	35.4	36.2	37.6	41.2	46.1	61.0	88.7	142.5	261.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidents (unintentional injuries) (E800-E869,E880-E929)										
White, male										
1998	45.7	45.2	39.0	40.2	42.4	49.5	66.3	100.4	180.8	362.3
1997	45.3	44.4	38.5	40.9	41.9	47.9	64.9	99.0	172.8	359.8
1996	45.6	42.5	38.9	40.0	43.3	48.1	66.4	95.8	172.7	360.7
1995	45.8	41.4	39.5	39.0	42.7	46.6	60.4	96.2	162.0	356.2
1994	45.5	41.2	37.0	37.2	41.0	46.3	61.1	98.3	170.4	347.5
1993	45.6	39.1	36.7	37.2	40.9	43.5	61.2	96.9	171.9	350.7
1992	44.6	36.2	38.0	38.2	40.6	48.1	61.8	93.5	169.1	329.3
1991	46.5	39.7	36.6	39.6	42.6	47.9	62.0	98.5	166.1	335.8
1990	49.2	38.8	41.2	42.3	47.2	50.3	66.0	98.8	163.3	333.4
1989	50.7	40.7	41.3	45.9	46.9	52.5	69.1	103.9	173.3	339.3
1988	52.8	42.8	42.5	44.1	47.2	54.1	69.7	102.0	178.8	361.0
1987	52.7	40.5	41.5	43.9	50.0	51.6	71.4	106.8	182.6	337.3
1986	54.0	41.7	44.6	43.0	48.5	50.9	71.9	107.2	173.2	336.8
1985	53.4	42.7	43.0	48.6	48.8	52.0	71.1	112.5	177.2	348.1
1984	54.3	44.3	46.1	46.5	49.6	57.3	72.5	114.3	175.5	344.0
1983	54.5	44.3	46.8	47.5	50.2	54.8	70.4	107.1	174.9	345.7
1982	56.8	47.9	47.2	49.6	50.2	56.6	70.8	110.0	172.6	330.5
1981	62.0	50.6	54.5	53.5	55.9	61.0	79.3	114.7	182.4	352.3
1980	65.2	53.8	54.1	55.7	57.4	65.2	82.7	124.2	191.8	359.9
1979	66.0	53.9	55.3	56.6	62.1	69.2	86.3	125.4	191.7	334.4
Accidents (unintentional injuries) (E800-E869,E880-E929)										
White, female										
1998	24.6	15.3	14.9	16.5	19.0	25.1	38.1	59.7	104.7	238.9
1997	23.8	14.5	14.6	16.5	19.0	23.4	34.5	56.8	100.0	231.1
1996	23.8	14.4	15.3	16.0	19.3	23.1	36.1	55.7	100.5	230.9
1995	23.0	13.2	14.2	15.7	18.7	22.6	35.7	56.2	91.4	219.6
1994	22.3	13.8	14.0	15.0	17.4	23.6	33.7	54.7	95.9	208.4
1993	22.2	13.7	12.9	14.6	18.6	23.9	32.0	55.9	94.2	211.7
1992	21.3	13.3	12.5	14.5	16.7	22.9	32.3	53.5	90.6	207.3
1991	22.2	13.4	13.2	14.4	17.9	23.1	33.5	54.9	94.9	209.5
1990	22.8	14.0	15.2	16.7	19.9	24.6	33.9	59.0	91.8	209.8
1989	23.7	14.2	15.2	16.1	19.7	24.8	37.8	59.5	96.5	207.3
1988	24.1	13.6	16.6	17.4	20.1	26.5	37.5	59.0	100.8	217.8
1987	23.5	14.4	14.7	17.5	20.5	25.4	36.1	59.0	97.4	201.1
1986	23.1	13.5	14.4	16.3	19.3	25.0	37.6	58.1	100.0	200.1
1985	23.2	14.3	15.9	16.7	20.9	25.9	40.1	58.5	98.8	202.3
1984	23.2	15.5	15.6	17.0	21.0	24.9	37.1	59.9	99.3	206.8
1983	22.9	14.1	15.9	16.8	19.9	24.9	37.2	58.0	99.6	213.2
1982	23.1	15.5	16.2	17.5	20.3	25.1	37.8	56.6	101.7	211.0
1981	24.7	16.6	18.1	19.8	21.0	25.9	39.6	58.3	107.1	224.9
1980	26.2	17.4	18.7	19.9	23.0	28.3	40.9	67.5	114.2	245.3
1979	26.0	17.6	18.3	20.4	23.1	27.6	42.9	65.9	116.4	229.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidents (unintentional injuries) (E800-E869,E880-E929)										
All other, both sexes										
1998	30.6	40.6	36.6	35.8	37.7	42.0	54.5	74.0	107.7	189.9
1997	31.5	39.7	36.8	36.9	40.7	43.5	59.8	78.9	108.3	184.3
1996	31.8	39.5	35.7	35.9	38.3	47.1	60.5	78.1	111.2	178.0
1995	32.8	40.7	35.9	37.3	43.6	44.4	61.3	77.3	119.1	183.2
1994	33.6	39.4	39.5	39.2	41.6	42.8	59.9	83.1	122.9	183.1
1993	33.8	36.8	36.7	35.5	41.8	47.7	55.7	75.8	114.8	210.4
1992	32.6	37.3	36.4	40.9	42.5	45.9	58.0	82.2	108.1	183.0
1991	35.0	36.1	35.9	40.0	41.5	51.4	58.2	77.3	114.0	212.6
1990	36.5	39.1	39.8	40.9	49.4	54.1	61.4	85.5	124.9	204.3
1989	39.1	42.4	44.9	47.7	52.6	58.8	66.2	91.2	122.8	239.1
1988	40.4	41.6	45.6	46.6	54.0	58.1	77.8	97.9	132.2	224.6
1987	39.2	41.1	42.4	45.6	51.6	58.7	71.6	85.5	138.6	217.9
1986	39.4	40.5	42.5	49.4	51.4	49.9	69.1	94.4	132.0	220.8
1985	38.9	42.7	44.9	49.5	55.3	54.8	75.9	98.7	144.7	222.0
1984	37.7	41.4	41.3	50.3	47.8	55.9	75.2	89.1	142.1	213.8
1983	39.1	44.4	47.5	51.9	56.3	63.7	78.1	96.9	162.2	198.1
1982	39.4	45.1	49.4	52.6	54.2	56.5	76.5	91.2	130.2	185.0
1981	42.2	51.1	53.8	55.3	59.0	63.3	79.4	89.6	148.1	206.8
1980	47.9	53.7	61.8	64.1	69.3	76.2	92.2	135.9	182.4	245.8
1979	47.2	52.5	61.2	58.3	65.5	68.7	82.5	107.5	126.8	226.4
Accidents (unintentional injuries) (E800-E869,E880-E929)										
All other, male										
1998	44.1	64.6	59.1	56.4	58.6	61.4	82.4	103.6	164.7	300.2
1997	44.8	62.8	57.3	55.1	64.4	64.6	87.7	111.3	154.3	272.6
1996	45.7	62.3	58.8	56.2	60.2	73.3	89.3	112.2	164.4	258.0
1995	47.9	67.2	54.7	60.6	67.4	70.3	92.4	117.2	181.4	287.9
1994	48.9	61.1	63.2	64.8	67.5	62.8	91.9	130.7	198.7	277.5
1993	49.7	61.7	61.2	58.7	66.6	72.1	88.9	110.4	160.9	327.0
1992	47.9	60.9	59.2	65.9	69.2	71.0	93.2	119.3	161.6	275.5
1991	52.3	56.3	58.3	66.2	68.0	83.8	87.8	113.5	192.5	304.2
1990	54.3	62.5	65.8	65.1	80.5	82.8	91.4	132.2	166.6	294.8
1989	58.5	71.9	75.1	79.8	89.3	92.3	100.0	140.1	191.7	330.9
1988	60.9	70.0	76.5	78.7	91.5	98.4	124.8	153.0	203.4	334.2
1987	59.5	68.5	68.5	75.4	87.0	87.7	114.0	129.3	205.4	323.4
1986	59.8	69.6	69.2	85.7	76.7	82.4	100.7	150.5	203.7	322.7
1985	58.9	71.7	73.2	83.2	90.0	85.4	116.3	150.0	215.4	323.3
1984	57.6	69.0	67.4	83.6	79.4	90.3	119.6	134.7	204.0	316.7
1983	58.8	72.8	77.8	86.8	91.6	100.8	119.1	144.7	232.0	278.3
1982	60.2	78.0	82.8	87.7	92.8	90.4	118.0	140.3	200.0	267.2
1981	65.2	87.6	92.8	93.3	97.8	105.6	127.2	138.2	209.9	287.5
1980	73.1	92.5	106.7	106.1	112.8	125.3	125.0	188.1	245.3	320.9
1979	73.2	91.1	105.3	99.3	107.9	110.1	128.0	155.4	193.0	306.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidents (unintentional injuries) (E800-E869,E880-E929)										
All other, female										
1998	18.2	19.9	17.2	18.7	20.8	27.5	35.5	55.1	77.4	143.6
1997	19.3	19.9	19.2	21.7	21.7	27.8	40.7	58.3	84.0	147.1
1996	19.1	20.0	16.0	19.1	21.0	27.7	40.9	56.8	83.0	144.2
1995	19.1	17.9	19.8	18.0	25.0	25.2	40.1	52.5	85.9	138.5
1994	19.5	20.7	19.2	18.1	21.3	27.9	38.0	53.8	82.2	142.7
1993	19.3	15.5	15.7	16.5	22.5	29.7	32.7	54.6	89.7	160.0
1992	18.6	17.0	17.0	20.6	22.0	27.4	33.8	59.6	78.5	142.6
1991	19.2	18.8	16.8	18.8	21.3	27.5	38.0	54.9	70.6	172.1
1990	20.2	18.8	17.8	21.5	25.7	32.8	40.9	56.5	101.3	163.1
1989	21.4	16.9	19.5	21.9	24.6	33.8	43.1	60.6	84.0	195.5
1988	21.7	17.1	19.6	20.8	25.1	28.0	45.7	62.8	90.7	173.4
1987	20.6	17.5	20.5	21.7	24.2	37.1	42.5	57.4	100.5	168.1
1986	20.8	15.4	20.2	20.2	31.7	25.6	47.4	58.3	91.0	171.8
1985	20.8	17.9	21.6	22.3	28.2	31.9	47.8	65.0	103.9	172.7
1984	19.7	17.9	19.7	23.2	23.0	30.1	44.4	58.9	105.8	162.8
1983	21.2	20.2	22.9	23.4	28.4	35.8	49.3	65.0	121.2	158.3
1982	20.5	17.2	22.2	23.8	23.5	31.0	46.4	58.2	89.2	143.6
1981	21.3	20.5	22.2	24.1	27.8	31.3	44.2	56.7	110.7	164.6
1980	25.2	21.5	25.4	29.4	34.3	38.7	67.7	100.4	143.7	207.3
1979	23.7	20.6	25.3	24.2	31.1	36.7	47.7	72.5	85.5	186.8
Accidents (unintentional injuries) (E800-E869,E880-E929)										
Black, both sexes										
1998	34.4	49.2	43.4	42.3	42.0	45.7	59.5	80.9	106.6	188.7
1997	34.7	47.8	43.3	42.1	45.0	47.8	60.4	80.3	105.4	179.5
1996	35.2	47.3	42.3	40.6	43.2	51.2	64.5	80.5	110.6	174.0
1995	36.3	47.9	41.7	41.5	49.0	47.3	69.1	81.8	122.5	182.7
1994	37.0	46.7	45.0	42.6	45.6	46.3	63.3	84.2	122.3	178.4
1993	37.5	43.6	41.9	39.5	45.7	52.9	59.3	78.1	112.0	207.9
1992	35.5	42.9	40.7	45.4	47.2	48.9	59.5	85.1	108.0	177.1
1991	38.6	40.6	40.3	44.3	44.6	54.7	60.1	83.1	115.1	213.6
1990	39.4	44.4	43.9	44.4	55.2	56.6	64.7	88.1	121.1	203.0
1989	42.8	47.7	51.0	53.1	59.1	64.9	72.3	96.7	122.7	244.5
1988	43.8	47.5	52.8	51.0	58.1	60.2	81.9	100.8	129.0	223.8
1987	41.9	46.0	48.3	48.8	55.7	61.4	72.5	87.5	135.7	213.9
1986	41.9	44.6	45.8	53.6	56.6	53.6	73.7	96.2	136.1	215.9
1985	41.2	47.5	48.7	54.2	61.1	58.3	78.6	102.0	150.2	219.5
1984	40.0	44.5	43.6	55.2	50.8	59.6	78.8	92.6	146.2	214.2
1983	41.2	47.5	50.3	56.3	61.0	67.1	79.8	100.2	169.6	197.8
1982	41.0	48.8	51.3	55.1	55.3	57.8	79.0	94.2	131.2	183.0
1981	43.9	55.6	57.6	60.1	63.2	65.0	84.3	92.3	153.6	208.3
1980	49.3	58.2	66.4	68.2	73.1	79.2	95.3	140.8	187.3	245.2
1979	47.8	56.7	64.0	61.4	65.6	70.5	85.0	106.8	127.9	224.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidents (unintentional injuries) (E800-E869,E880-E929)										
Black, male										
1998	50.5	79.9	72.0	68.7	68.0	71.0	92.4	114.1	174.9	305.0
1997	50.3	76.1	69.8	65.2	72.7	73.6	90.7	118.1	160.4	264.5
1996	51.5	77.9	72.9	65.6	72.0	83.8	101.3	116.9	167.6	263.7
1995	53.8	81.7	66.6	68.7	77.7	76.9	106.8	128.8	197.9	289.0
1994	54.7	75.0	73.3	74.4	76.0	70.1	98.5	137.5	205.4	270.0
1993	56.3	75.6	74.2	66.9	74.4	84.8	99.1	115.2	158.3	343.2
1992	52.9	72.5	69.4	75.1	79.1	78.9	97.9	130.9	168.8	262.0
1991	58.5	65.0	66.8	75.9	75.1	89.6	93.0	127.6	193.4	313.1
1990	59.4	73.8	75.6	72.4	92.1	89.0	100.8	142.1	158.6	286.7
1989	65.0	82.8	89.5	89.6	101.9	105.6	110.7	156.7	193.8	348.5
1988	66.7	81.2	90.9	88.4	99.3	104.3	132.8	164.4	202.1	335.4
1987	64.4	79.3	80.8	80.9	96.6	93.9	119.3	137.1	206.5	331.3
1986	64.4	78.6	76.7	95.3	85.3	89.8	109.7	162.8	211.1	317.5
1985	63.2	82.0	81.2	92.6	100.7	93.8	124.8	153.5	228.7	319.4
1984	61.6	76.9	72.2	92.9	86.8	99.4	127.3	142.5	213.1	321.3
1983	62.2	81.1	82.3	95.0	99.8	106.3	123.0	149.7	245.1	283.3
1982	63.3	86.6	87.9	94.1	94.2	94.9	126.0	147.8	193.8	255.2
1981	68.8	97.9	100.6	101.9	106.1	109.3	138.5	144.9	218.2	287.5
1980	75.6	102.2	116.3	114.3	119.9	131.5	128.7	191.6	254.6	313.1
1979	74.6	100.0	112.6	104.7	108.6	115.7	136.7	155.9	192.2	300.0
Accidents (unintentional injuries) (E800-E869,E880-E929)										
Black, female										
1998	19.8	22.8	19.3	20.7	21.6	27.0	37.8	60.8	73.3	144.8
1997	20.7	23.6	21.1	23.4	23.3	28.7	40.5	57.5	78.8	147.1
1996	20.6	21.2	16.8	20.6	20.9	27.0	40.3	58.6	82.8	139.7
1995	20.6	19.2	21.0	19.8	26.7	25.3	44.5	53.7	85.9	141.4
1994	21.1	22.8	21.4	17.2	22.1	28.7	40.2	52.9	81.4	142.5
1993	20.6	16.6	15.1	17.5	23.6	29.5	32.9	56.6	88.8	154.3
1992	19.8	17.9	17.0	21.8	22.7	27.0	34.2	58.7	77.2	142.9
1991	20.7	20.1	18.5	19.1	21.3	29.3	38.5	57.2	75.4	172.7
1990	21.4	19.7	17.9	22.2	27.3	33.3	41.0	56.4	101.6	167.6
1989	22.9	18.3	19.6	24.0	26.6	35.5	47.1	61.1	85.4	201.3
1988	23.1	19.2	21.5	21.2	26.7	28.2	48.2	62.8	90.4	175.2
1987	21.7	18.2	21.6	23.2	24.4	37.6	41.5	57.4	97.7	161.8
1986	21.7	16.3	20.5	19.9	34.8	27.1	49.7	55.5	95.2	169.6
1985	21.5	18.8	22.2	23.0	30.5	32.3	48.1	70.0	107.0	172.9
1984	20.6	17.8	20.2	24.6	23.0	30.2	46.3	61.3	109.2	163.6
1983	22.3	19.7	24.2	24.8	30.9	38.2	50.8	68.3	126.9	156.5
1982	20.9	17.7	21.6	23.3	24.9	30.5	46.6	60.2	94.9	147.5
1981	21.7	20.6	22.8	26.0	29.4	32.4	46.5	58.2	115.9	167.3
1980	25.7	22.0	26.0	30.4	35.9	40.3	71.6	107.7	147.0	211.2
1979	23.8	20.9	24.5	25.9	31.4	36.7	47.8	72.9	87.9	186.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Transport accidents (E800-E848,E929.0,E929.1)										
All races, both sexes										
1998	16.7	15.6	15.2	16.1	16.4	17.9	21.3	26.7	34.5	33.5
1997	17.0	15.7	15.5	16.4	16.3	17.4	21.1	26.8	34.0	34.0
1996	17.3	15.5	15.5	15.9	16.7	17.3	21.3	26.2	33.6	31.4
1995	17.4	15.3	15.1	15.3	16.4	16.8	20.5	27.1	32.3	31.8
1994	17.3	15.5	15.5	15.0	15.3	17.5	21.0	27.3	34.2	29.9
1993	17.2	14.9	14.4	14.7	15.6	16.0	19.5	28.0	34.6	30.2
1992	17.2	15.1	15.2	15.3	14.9	16.8	20.5	25.6	32.9	28.2
1991	18.4	16.4	15.0	15.4	15.7	17.2	20.0	27.3	32.4	29.8
1990	20.1	17.3	17.5	17.1	17.7	18.4	21.4	28.4	32.5	32.0
1989	20.6	17.3	18.0	17.6	17.8	18.5	23.1	27.9	34.3	30.8
1988	21.3	17.5	17.9	17.3	17.1	18.9	22.6	27.4	35.7	30.8
1987	21.3	17.4	17.1	16.9	18.0	18.4	21.7	27.2	34.2	28.5
1986	21.3	17.0	17.4	16.7	16.9	17.0	21.6	27.6	32.4	26.1
1985	20.8	17.5	17.1	17.2	17.0	16.9	21.9	26.3	31.3	27.0
1984	21.0	18.1	17.1	17.2	17.5	17.8	21.0	27.6	30.9	26.4
1983	20.6	17.5	17.3	16.1	16.5	17.1	20.1	24.8	29.4	25.9
1982	21.5	18.8	17.4	17.1	16.6	16.9	20.4	24.7	28.8	24.4
1981	24.1	20.5	19.9	19.7	18.3	19.0	22.8	26.5	30.8	26.6
1980	25.2	21.4	20.3	19.7	18.2	18.6	22.0	28.2	30.4	28.6
1979	25.7	21.2	20.9	19.7	20.5	20.5	23.6	28.6	31.1	25.5
Transport accidents (E800-E848,E929.0,E929.1)										
All races, male										
1998	23.0	22.2	21.9	22.4	22.9	24.0	27.3	35.6	52.4	65.7
1997	23.3	22.4	22.1	22.4	22.1	22.7	28.8	36.3	50.6	63.4
1996	23.9	22.0	22.0	22.4	22.3	23.4	28.0	35.3	49.7	62.6
1995	24.2	22.2	21.4	21.5	22.5	22.5	26.3	36.6	49.8	62.8
1994	24.3	22.2	21.7	21.2	21.1	23.2	27.1	37.1	52.0	61.9
1993	24.3	21.7	20.7	21.0	21.5	20.5	26.0	37.8	53.4	63.7
1992	24.5	21.4	22.5	21.7	20.8	22.5	27.6	35.1	52.4	58.0
1991	26.4	23.9	21.6	22.4	21.8	23.3	26.6	38.1	51.1	61.5
1990	28.9	25.2	25.1	24.1	24.7	24.5	28.8	38.5	50.7	66.2
1989	29.4	25.3	26.1	26.0	25.0	24.5	30.4	38.9	55.0	64.4
1988	31.0	26.1	25.5	24.1	24.4	26.2	31.2	38.0	57.7	63.7
1987	31.1	25.3	24.9	24.1	25.9	25.2	30.1	37.6	57.2	59.4
1986	31.6	25.6	25.7	24.1	24.4	22.8	28.7	40.7	54.0	54.7
1985	30.6	26.1	24.8	26.0	23.5	22.5	28.8	38.5	50.6	56.5
1984	31.2	26.9	25.6	25.0	25.1	25.6	29.7	40.5	49.7	56.5
1983	30.8	26.5	25.8	24.1	23.8	24.4	28.1	36.6	50.1	54.8
1982	32.4	28.9	26.6	25.9	24.1	24.1	28.5	37.5	49.5	49.7
1981	36.6	31.7	30.6	29.4	26.5	28.0	33.1	41.4	53.0	55.1
1980	38.3	32.9	30.5	29.2	27.1	27.4	31.1	43.5	50.9	57.8
1979	39.3	32.6	32.2	30.1	31.1	30.9	34.2	44.2	53.7	51.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Transport accidents (E800-E848,E929.0,E929.1)										
All races, female										
1998	10.6	9.3	8.7	10.2	10.5	12.7	16.7	20.5	24.1	20.7
1997	10.9	9.2	9.2	10.9	11.0	12.8	15.2	20.3	24.6	22.4
1996	11.0	9.2	9.4	9.9	11.7	12.2	16.1	20.0	24.5	19.3
1995	10.8	8.7	9.1	9.5	11.0	12.0	16.1	20.7	22.6	19.8
1994	10.7	9.1	9.6	9.3	10.0	12.7	16.2	20.7	24.5	17.6
1993	10.4	8.4	8.5	8.8	10.4	12.4	14.5	21.4	24.4	17.4
1992	10.3	9.1	8.3	9.4	9.8	12.2	15.2	19.4	22.5	16.8
1991	10.9	9.3	8.7	8.9	10.4	12.3	15.0	20.3	22.4	17.7
1990	11.7	9.7	10.4	10.6	11.6	13.4	15.9	21.9	22.9	18.9
1989	12.2	9.7	10.3	9.9	11.5	13.5	17.8	20.8	23.4	17.7
1988	12.2	9.3	10.8	11.2	10.8	12.9	16.3	20.6	24.1	17.9
1987	12.0	9.9	9.9	10.3	11.2	12.9	15.5	20.7	22.1	16.3
1986	11.6	8.8	9.5	9.9	10.5	12.3	16.5	19.3	21.1	14.8
1985	11.5	9.4	10.0	9.2	11.5	12.3	16.9	18.6	21.2	15.2
1984	11.4	9.7	9.1	10.2	10.9	11.5	14.7	19.5	21.0	14.2
1983	10.9	8.8	9.4	9.0	10.1	11.2	14.3	17.4	18.6	14.1
1982	11.1	9.2	8.8	9.3	10.1	11.1	14.6	16.7	17.8	13.8
1981	12.2	9.9	10.0	11.0	11.1	11.7	15.3	17.1	19.0	14.5
1980	12.8	10.5	10.9	11.1	10.6	11.6	15.4	18.6	19.5	15.8
1979	12.9	10.4	10.5	10.4	11.4	12.2	15.9	18.9	19.0	13.9
Transport accidents (E800-E848,E929.0,E929.1)										
White, both sexes										
1998	17.0	15.2	14.9	15.6	16.2	17.7	21.3	26.6	35.1	34.4
1997	17.1	15.3	15.1	16.0	15.9	17.2	20.5	26.9	34.5	34.7
1996	17.6	15.3	15.3	15.7	16.8	16.9	21.0	26.2	33.8	32.2
1995	17.6	14.9	15.0	15.0	16.0	16.7	20.1	27.3	32.7	32.6
1994	17.6	15.3	14.9	14.5	14.7	17.3	20.3	26.9	34.6	30.5
1993	17.4	14.6	13.9	14.3	15.1	15.6	19.4	28.1	35.3	29.8
1992	17.4	14.6	14.7	14.6	14.2	16.6	20.2	25.8	33.6	29.1
1991	18.7	16.1	14.7	15.0	15.3	16.7	20.0	27.9	33.2	30.1
1990	20.3	16.7	16.9	16.5	17.2	17.7	21.4	28.7	32.4	32.7
1989	20.8	16.9	17.3	17.0	17.2	18.1	23.2	28.1	34.9	31.5
1988	21.6	17.2	17.5	16.8	16.6	18.4	22.1	27.2	36.7	30.6
1987	21.7	16.9	16.5	16.5	17.7	17.9	21.6	27.7	34.9	29.0
1986	21.7	16.7	16.7	15.9	16.3	17.0	21.7	27.4	32.8	25.7
1985	21.2	17.3	16.7	16.7	16.4	16.6	21.8	26.2	32.1	27.5
1984	21.6	17.9	17.0	16.7	17.2	17.5	20.7	27.8	31.3	26.2
1983	21.1	17.0	16.7	15.7	16.1	16.7	19.9	24.5	29.7	26.6
1982	22.0	18.6	17.0	16.7	16.1	16.4	20.2	24.8	29.3	24.8
1981	24.8	20.1	19.5	19.3	18.0	18.7	22.1	26.6	30.9	27.4
1980	25.9	21.2	19.7	19.0	17.5	17.9	21.7	28.1	30.5	28.9
1979	26.4	20.9	20.2	19.0	19.8	20.1	23.3	28.8	31.7	25.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Transport accidents (E800-E848,E929.0,E929.1)										
White, male										
1998	23.1	21.4	21.4	21.4	22.6	23.7	26.9	35.1	52.3	66.8
1997	23.4	21.8	21.4	21.6	21.4	22.2	27.6	35.9	50.8	65.6
1996	24.0	21.9	21.2	21.9	22.0	22.6	27.2	34.8	49.5	64.0
1995	24.3	21.4	21.2	20.8	21.8	22.0	25.2	35.8	49.9	63.4
1994	24.4	22.0	20.7	20.1	20.1	22.7	25.5	35.7	51.6	63.0
1993	24.4	20.8	19.8	20.0	20.3	19.5	25.4	37.4	54.2	62.5
1992	24.6	20.3	21.6	20.5	19.4	21.8	26.4	34.6	53.3	59.4
1991	26.5	23.3	20.9	21.8	21.0	22.0	26.0	38.7	51.3	61.9
1990	29.0	24.1	23.7	23.3	23.5	23.4	28.4	38.3	49.9	67.1
1989	29.4	24.1	24.5	24.6	23.7	23.8	29.8	38.4	55.4	65.6
1988	31.1	25.2	24.4	23.0	23.2	24.9	29.4	36.9	58.8	62.4
1987	31.4	23.9	23.9	23.0	25.0	24.3	29.4	37.8	58.0	60.5
1986	31.8	24.7	24.5	22.5	23.3	22.3	28.0	39.4	53.7	53.1
1985	30.9	25.4	23.8	24.9	22.0	21.8	27.6	37.5	52.0	58.3
1984	31.8	26.1	25.2	23.9	24.1	24.6	28.6	40.0	50.1	55.6
1983	31.4	25.5	24.6	22.9	22.9	23.4	27.3	35.7	50.0	56.7
1982	33.2	28.1	25.7	24.9	22.8	22.8	27.5	36.9	49.7	50.5
1981	37.6	30.4	29.5	28.4	25.7	26.8	31.2	40.9	53.7	56.8
1980	39.0	32.2	28.9	27.6	25.6	25.4	29.9	42.2	51.1	59.0
1979	40.0	31.4	30.9	28.5	29.8	29.6	33.3	44.4	54.5	50.6
Transport accidents (E800-E848,E929.0,E929.1)										
White, female										
1998	11.0	9.1	8.5	10.1	10.3	12.5	16.8	20.7	25.0	21.5
1997	11.1	8.9	8.9	10.7	10.9	12.8	14.9	20.6	25.1	22.7
1996	11.3	8.7	9.6	10.0	11.9	12.1	16.2	20.3	25.0	20.0
1995	11.1	8.5	8.9	9.6	10.7	12.2	16.2	21.4	23.2	20.8
1994	10.9	8.7	9.3	9.3	9.9	12.7	16.3	21.0	25.3	18.2
1993	10.7	8.6	8.3	8.9	10.4	12.4	14.8	21.9	25.0	17.5
1992	10.5	9.0	8.1	9.0	9.5	12.3	15.4	20.0	23.0	17.7
1991	11.2	9.1	8.7	8.7	10.2	12.3	15.4	20.8	23.6	18.0
1990	12.0	9.5	10.4	10.2	11.6	13.1	16.1	22.5	23.2	19.6
1989	12.6	9.8	10.3	9.9	11.5	13.4	18.3	21.5	24.1	18.5
1988	12.6	9.4	10.9	11.2	10.8	13.1	16.8	21.1	25.1	18.4
1987	12.5	10.1	9.5	10.4	11.3	12.6	15.8	21.3	23.0	16.8
1986	12.0	8.9	9.3	9.8	10.2	12.6	17.0	19.8	21.9	15.1
1985	11.9	9.5	10.0	9.2	11.5	12.4	17.5	19.1	21.7	15.5
1984	11.9	10.0	9.2	10.2	11.2	11.7	15.0	20.2	21.5	14.5
1983	11.3	8.7	9.3	9.3	10.2	11.4	14.6	17.5	19.0	14.5
1982	11.5	9.5	8.9	9.3	10.3	11.2	14.9	17.3	18.7	14.2
1981	12.7	10.1	10.0	11.2	11.2	12.1	15.6	17.7	19.0	15.0
1980	13.4	10.7	11.0	11.2	10.5	11.9	15.8	19.3	19.7	15.9
1979	13.4	10.7	10.2	10.4	11.2	12.4	16.1	19.1	19.6	14.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Transport accidents (E800-E848,E929.0,E929.1)										
All other, both sexes										
1998	15.6	17.8	17.1	18.6	17.7	19.3	22.0	27.5	28.3	25.1
1997	16.2	17.4	17.9	18.9	18.6	18.9	26.1	26.2	29.2	26.5
1996	16.1	16.6	16.7	16.7	16.7	20.1	23.6	26.1	31.1	23.3
1995	16.3	17.8	16.2	16.8	19.4	17.3	23.8	25.5	28.3	23.4
1994	16.3	16.7	19.3	18.1	18.8	18.9	26.4	31.0	30.3	23.6
1993	16.2	16.4	17.6	16.8	19.2	19.4	19.8	26.8	27.2	34.0
1992	16.2	18.4	18.1	19.8	20.1	18.8	23.3	24.0	26.3	18.8
1991	17.1	18.3	16.7	18.1	18.6	21.8	20.4	21.8	23.9	27.4
1990	18.9	20.9	21.2	21.0	21.7	23.8	21.6	25.5	33.5	25.0
1989	19.0	20.3	22.2	21.6	22.2	21.4	22.4	25.8	28.4	23.0
1988	19.6	19.8	20.6	20.7	20.9	22.6	26.8	29.0	25.0	32.7
1987	19.1	20.5	21.0	19.8	20.2	23.1	22.5	22.9	26.6	23.3
1986	19.3	19.0	21.6	22.1	21.7	17.1	21.0	29.5	28.3	30.3
1985	18.4	18.8	20.0	20.7	22.3	19.2	22.9	26.7	23.6	20.6
1984	17.8	19.1	17.8	21.4	19.8	20.3	23.1	25.7	26.4	29.0
1983	17.4	20.7	21.2	19.2	19.4	20.3	21.5	27.7	27.1	18.3
1982	17.9	20.2	20.0	20.6	20.6	21.2	22.8	23.5	22.2	20.0
1981	19.3	23.5	23.2	22.6	20.7	21.8	28.8	25.2	28.6	17.9
1980	21.4	22.6	25.6	25.5	24.5	24.6	24.4	28.9	29.2	25.1
1979	21.7	23.5	26.5	26.2	26.5	24.4	26.2	27.3	24.1	25.9
Transport accidents (E800-E848,E929.0,E929.1)										
All other, male										
1998	22.5	26.6	25.2	28.4	25.2	26.3	31.3	41.2	53.8	56.1
1997	22.9	25.3	26.5	27.6	27.5	27.0	39.0	39.3	48.1	43.2
1996	23.2	22.6	26.7	25.5	24.3	29.8	35.3	39.4	52.0	49.5
1995	24.0	27.5	23.3	26.1	27.8	26.2	36.8	44.4	48.9	57.2
1994	23.6	23.5	28.7	28.6	28.5	27.0	42.0	51.6	55.6	51.3
1993	23.8	27.0	27.1	27.4	30.1	28.9	31.6	42.4	44.5	74.7
1992	24.1	28.1	28.0	29.8	31.0	28.6	38.2	40.2	43.1	45.0
1991	25.8	27.3	26.5	27.3	27.9	34.6	32.9	32.6	48.9	57.5
1990	28.6	32.2	34.0	30.5	34.6	34.6	32.6	40.2	58.2	57.7
1989	29.0	33.2	37.0	35.8	36.2	31.3	36.1	43.7	50.4	53.1
1988	30.0	32.1	33.0	32.6	34.4	38.0	48.2	48.4	46.2	75.9
1987	29.6	34.3	31.5	32.7	33.4	33.7	37.5	36.3	50.0	49.4
1986	30.1	31.2	34.3	36.3	33.1	27.4	34.9	53.3	57.4	69.3
1985	28.6	31.0	32.3	35.0	36.3	28.7	39.7	47.6	36.5	39.7
1984	28.1	32.0	29.3	34.6	34.1	34.4	39.9	45.0	45.5	65.3
1983	27.3	33.6	34.9	33.9	31.4	33.6	36.2	44.7	50.5	36.2
1982	28.2	35.0	33.8	34.3	36.2	36.3	38.1	42.9	47.9	41.8
1981	30.8	41.0	39.2	37.9	34.6	38.9	50.5	46.2	45.1	37.5
1980	34.2	38.3	44.1	44.0	41.0	45.4	42.5	55.3	49.3	46.1
1979	34.8	42.2	43.7	44.6	43.4	42.9	42.4	42.4	45.3	61.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Transport accidents (E800-E848,E929.0,E929.1)										
All other, female										
1998	9.2	10.3	10.2	10.4	11.6	14.1	15.6	18.7	14.8	12.1
1997	10.0	10.5	10.6	11.7	11.5	12.8	17.3	17.9	19.3	19.4
1996	9.6	11.5	8.2	9.3	10.6	13.0	15.7	17.8	19.9	12.3
1995	9.3	9.4	10.2	9.2	12.8	10.7	14.9	13.7	17.3	9.0
1994	9.7	10.9	11.2	9.5	11.2	12.8	15.7	18.3	16.7	11.7
1993	9.2	7.4	9.5	8.2	10.7	12.5	11.7	17.3	17.8	16.4
1992	9.1	10.1	9.7	11.6	11.7	11.5	13.0	14.0	17.0	*
1991	9.2	10.5	8.3	10.6	11.5	12.3	11.9	15.2	10.0	14.0
1990	10.0	11.2	10.4	13.4	11.9	15.9	14.1	16.4	19.6	*
1989	9.9	9.2	9.7	10.1	11.4	13.9	13.0	14.6	16.0	*
1988	10.0	9.2	10.0	11.2	10.4	11.1	12.1	16.7	12.7	12.4
1987	9.5	8.6	12.2	9.5	10.0	15.3	12.2	14.3	13.3	*
1986	9.4	8.5	11.1	10.7	12.9	9.4	11.5	14.2	11.6	*
1985	9.1	8.4	9.9	9.1	11.4	12.0	11.3	13.1	16.1	*
1984	8.4	8.1	8.4	10.6	8.5	9.7	11.5	12.8	15.1	*
1983	8.4	9.7	10.0	7.2	9.9	10.4	11.1	16.3	13.3	*
1982	8.6	7.6	8.7	9.3	8.2	9.9	11.7	10.5	*	*
1981	8.9	8.8	10.2	9.9	9.7	8.9	12.9	10.9	18.7	*
1980	9.7	9.6	10.6	10.2	11.3	8.7	10.8	11.0	16.9	*
1979	9.9	8.1	12.5	10.9	12.8	10.2	13.8	16.3	*	*
Transport accidents (E800-E848,E929.0,E929.1)										
Black, both sexes										
1998	16.7	19.8	18.8	20.3	18.8	20.3	23.5	28.3	25.4	22.3
1997	17.0	19.7	19.5	20.8	19.2	19.0	24.0	23.6	23.8	25.8
1996	16.9	18.2	18.4	17.5	17.2	20.3	23.1	25.5	28.8	23.3
1995	16.9	18.9	16.9	17.1	19.9	16.5	25.2	23.8	26.0	22.2
1994	17.0	18.3	20.3	18.2	18.9	18.7	25.4	29.1	27.9	22.8
1993	16.9	18.2	18.0	17.3	19.5	20.6	19.8	25.3	23.2	29.8
1992	16.7	19.7	18.9	20.2	21.0	18.3	21.6	23.6	24.1	15.3
1991	17.6	19.0	17.1	18.6	19.2	21.7	18.5	22.0	21.1	26.2
1990	19.2	22.1	21.9	21.1	23.5	23.8	21.9	24.4	29.1	20.7
1989	19.6	21.9	24.3	22.2	23.5	21.8	23.3	24.8	25.5	20.9
1988	20.0	20.9	22.5	22.0	21.3	21.9	26.1	27.5	23.2	31.3
1987	19.2	21.3	22.4	20.7	20.6	22.7	21.6	21.1	22.4	19.7
1986	19.3	19.4	21.9	23.0	23.0	17.4	20.7	27.6	24.7	28.9
1985	18.3	19.9	20.0	21.2	23.5	19.0	21.0	27.1	22.4	19.0
1984	17.9	19.1	17.2	22.2	20.1	21.7	23.4	24.9	26.7	27.4
1983	17.2	20.9	22.0	19.9	20.4	19.5	20.0	27.0	26.0	15.8
1982	17.7	20.3	20.4	20.1	20.0	20.1	21.7	23.0	18.8	18.2
1981	18.9	23.9	23.7	23.6	21.4	20.3	29.8	24.1	28.7	16.7
1980	20.5	23.1	26.4	25.7	24.7	24.0	24.6	26.6	25.0	20.7
1979	20.8	24.7	27.0	27.3	25.7	23.9	26.1	25.5	21.9	25.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Transport accidents (E800-E848,E929.0,E929.1)										
Black, male										
1998	24.9	30.3	28.8	31.6	28.9	30.5	35.1	45.4	55.0	53.8
1997	24.9	29.1	30.6	32.1	29.6	29.4	38.6	35.3	45.6	43.1
1996	25.2	26.7	31.7	28.0	27.6	32.5	37.4	40.8	55.6	54.0
1995	25.6	31.1	25.9	27.0	29.2	27.0	40.0	46.9	45.7	56.5
1994	25.2	27.5	30.4	30.2	29.7	27.9	42.3	50.7	55.3	50.5
1993	25.9	31.7	29.9	29.2	32.1	33.8	36.4	39.7	43.9	74.9
1992	25.4	32.4	31.5	31.2	33.9	30.2	37.6	44.2	41.2	36.4
1991	27.2	29.5	27.8	29.7	30.6	35.2	30.9	35.1	43.9	62.3
1990	29.9	36.0	37.3	31.7	38.7	36.6	35.2	41.4	52.9	48.3
1989	30.8	36.4	43.8	37.7	40.3	33.9	38.9	46.6	46.4	53.0
1988	31.4	34.6	37.7	36.5	36.1	38.4	50.0	49.2	43.6	75.4
1987	30.4	37.5	34.9	34.3	36.5	35.4	37.8	38.9	44.6	46.9
1986	31.0	33.3	35.5	40.2	35.7	27.7	35.9	55.2	54.4	66.7
1985	29.1	33.6	33.9	37.3	39.0	30.4	38.2	48.2	33.3	38.7
1984	29.0	34.5	29.4	36.6	37.3	38.3	42.4	44.3	48.8	62.3
1983	27.5	35.9	37.5	35.5	34.0	32.2	35.2	43.0	50.0	*
1982	28.6	37.1	35.6	34.9	35.3	35.6	38.4	43.5	40.0	36.2
1981	31.0	43.5	41.2	40.5	36.2	37.2	53.6	46.8	48.1	37.5
1980	33.8	40.8	46.0	46.2	42.7	45.4	44.7	49.7	48.0	37.7
1979	33.9	46.0	46.6	46.9	42.5	42.3	44.7	39.8	42.9	61.5
Transport accidents (E800-E848,E929.0,E929.1)										
Black, female										
1998	9.2	10.7	10.4	11.0	11.0	12.8	15.8	18.0	11.0	10.4
1997	9.8	11.6	10.2	11.5	11.0	11.3	14.4	16.5	13.2	19.2
1996	9.5	11.0	7.3	9.1	9.2	11.3	13.7	16.3	15.8	11.5
1995	9.0	8.6	9.4	9.1	12.7	8.7	15.5	9.9	16.4	*
1994	9.7	10.5	11.8	8.5	10.6	11.9	14.4	16.5	14.3	12.0
1993	8.7	6.7	8.2	7.8	9.8	10.8	8.7	16.9	12.9	11.9
1992	8.9	9.0	8.5	11.5	11.1	9.5	11.1	11.8	15.4	*
1991	9.0	10.1	8.2	9.7	10.6	12.0	10.3	14.3	*	*
1990	9.6	10.5	9.3	12.7	11.9	14.6	13.2	14.4	16.8	*
1989	9.5	9.7	8.3	9.8	10.7	13.0	13.1	12.0	14.6	*
1988	9.7	9.3	9.9	10.4	10.0	9.9	10.3	14.5	12.4	*
1987	9.1	7.8	12.2	9.9	8.4	13.4	10.8	10.4	*	*
1986	8.8	7.9	10.7	9.2	13.3	9.8	10.6	10.7	*	*
1985	8.6	8.5	8.6	8.2	11.6	10.6	9.7	13.9	16.5	*
1984	8.0	6.4	7.2	10.6	6.8	9.4	10.6	12.8	14.5	*
1983	7.9	8.6	9.4	7.2	9.9	10.1	9.7	16.6	*	*
1982	7.9	6.4	8.2	8.1	8.1	8.6	10.2	10.0	*	*
1981	8.0	7.7	9.4	9.8	9.7	7.8	13.2	9.4	17.4	*
1980	8.7	8.6	10.5	8.9	10.5	8.1	10.3	11.5	*	*
1979	9.0	7.1	11.0	11.1	12.4	10.2	12.7	15.7	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Motor vehicle accidents (E810-E825)										
All races, both sexes										
1998	15.8	14.5	13.9	14.7	15.0	16.8	20.1	25.8	33.2	31.7
1997	15.9	14.1	14.0	14.9	15.2	16.2	20.1	25.9	32.9	32.4
1996	16.2	13.9	13.9	14.4	15.3	16.3	20.3	25.0	32.7	29.8
1995	16.3	13.8	13.7	14.0	15.1	15.7	19.6	26.2	31.6	31.0
1994	16.2	13.8	13.9	13.5	14.1	16.5	19.8	26.3	33.2	28.8
1993	16.1	13.3	13.0	13.3	14.3	15.0	18.6	27.1	33.5	29.5
1992	16.0	13.4	13.6	13.7	13.7	15.7	19.8	24.7	32.1	26.9
1991	17.2	14.5	13.5	13.8	14.5	16.1	19.1	26.2	31.8	28.8
1990	18.8	15.5	15.8	15.6	16.2	17.2	20.3	27.3	32.0	31.2
1989	19.3	15.4	16.1	15.9	16.2	17.2	22.1	27.1	33.4	29.5
1988	20.1	15.8	16.2	16.0	15.8	17.7	21.6	26.6	35.1	29.7
1987	19.9	15.5	15.4	15.3	16.4	17.3	20.8	26.4	33.3	27.6
1986	19.9	15.0	15.4	15.2	15.3	15.9	20.8	26.8	31.6	25.6
1985	19.3	15.3	15.2	15.4	15.9	15.5	20.8	25.5	30.5	26.5
1984	19.6	15.8	15.0	15.5	16.1	16.7	20.0	26.7	30.3	25.2
1983	19.0	15.4	15.2	14.4	15.1	15.8	19.0	24.1	28.9	25.5
1982	19.8	16.3	15.1	15.4	15.0	16.1	19.3	23.6	28.0	23.7
1981	22.4	18.1	17.5	17.8	16.7	17.6	21.8	25.7	30.1	25.8
1980	23.5	19.0	18.2	17.9	16.9	17.7	21.2	27.2	29.4	27.6
1979	23.8	18.7	18.5	17.8	18.7	19.4	22.3	27.6	30.4	24.4
Motor vehicle accidents (E810-E825)										
All races, male										
1998	21.5	20.2	19.6	19.9	20.4	21.7	25.0	34.2	50.1	63.4
1997	21.6	19.7	19.4	19.7	20.1	20.6	26.7	34.7	48.7	61.1
1996	22.1	19.5	19.1	19.8	19.8	21.5	26.2	33.4	48.2	59.5
1995	22.4	19.6	19.0	19.1	20.2	20.4	24.3	34.8	48.4	61.5
1994	22.3	19.3	18.9	18.5	19.0	21.3	25.0	35.3	49.7	59.2
1993	22.5	19.1	18.1	18.7	19.1	18.8	24.2	36.2	51.6	62.4
1992	22.3	18.5	19.5	18.8	18.6	20.5	26.2	33.5	50.7	55.3
1991	24.3	20.4	19.1	19.5	19.8	21.2	24.8	35.9	50.2	59.3
1990	26.7	22.1	21.9	21.5	22.0	22.3	26.8	36.5	49.6	64.5
1989	27.2	22.0	22.7	22.9	22.2	22.2	28.4	37.5	53.4	62.0
1988	28.8	22.9	22.4	21.7	22.0	24.1	29.2	36.4	56.4	61.1
1987	28.7	22.1	21.8	21.2	22.9	23.1	28.4	35.9	55.4	57.6
1986	29.2	22.0	22.0	21.3	21.3	20.7	27.0	39.2	52.3	53.3
1985	28.0	22.2	21.5	22.8	21.3	20.1	26.8	37.2	48.8	55.3
1984	28.7	22.9	22.0	21.8	22.4	23.4	27.6	38.6	48.1	53.9
1983	28.1	22.8	22.0	20.9	21.2	21.8	26.0	35.3	48.8	53.8
1982	29.5	24.4	22.5	22.8	21.1	22.5	26.3	35.4	48.2	48.3
1981	33.7	27.4	26.1	26.0	23.8	25.5	31.1	39.6	51.5	53.2
1980	35.3	28.6	26.6	26.0	24.6	25.6	29.7	41.5	49.3	56.1
1979	36.0	28.0	27.7	26.6	27.6	28.8	31.9	42.4	52.1	49.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Motor vehicle accidents (E810-E825)										
All races, female										
1998	10.3	8.9	8.4	9.9	10.2	12.6	16.3	20.1	23.4	19.1
1997	10.6	8.8	8.7	10.5	10.8	12.5	15.0	19.9	24.0	21.1
1996	10.6	8.5	8.9	9.3	11.3	11.9	15.8	19.2	23.9	18.3
1995	10.4	8.2	8.6	9.2	10.6	11.7	15.9	20.4	22.3	19.3
1994	10.3	8.5	9.1	9.0	9.8	12.5	15.8	20.3	24.2	17.2
1993	10.1	7.8	8.1	8.4	10.1	11.9	14.3	21.0	23.7	16.9
1992	9.9	8.6	8.0	9.0	9.4	11.8	14.9	18.9	22.1	16.1
1991	10.5	8.8	8.2	8.6	9.9	11.9	14.8	19.9	22.0	17.1
1990	11.3	9.3	10.0	10.3	11.2	13.0	15.5	21.4	22.6	18.3
1989	11.8	9.1	9.9	9.5	11.0	13.2	17.5	20.4	22.8	16.9
1988	11.8	8.9	10.4	10.8	10.5	12.6	16.1	20.4	23.8	17.5
1987	11.6	9.3	9.4	9.9	10.8	12.5	15.2	20.4	21.8	15.7
1986	11.2	8.2	9.2	9.6	10.2	12.1	16.2	18.9	20.7	14.6
1985	11.0	8.7	9.3	8.7	11.2	11.9	16.4	18.2	20.8	15.0
1984	11.0	9.1	8.5	9.9	10.5	11.2	14.5	19.2	20.9	13.6
1983	10.4	8.4	9.0	8.6	9.9	11.1	13.9	17.0	18.3	13.8
1982	10.6	8.6	8.3	8.9	9.7	10.9	14.2	16.3	17.3	13.5
1981	11.7	9.3	9.5	10.6	10.7	11.3	15.1	16.9	18.7	14.2
1980	12.3	9.9	10.4	10.7	10.3	11.4	15.0	18.3	18.8	15.2
1979	12.3	9.8	9.9	9.9	11.0	11.9	15.4	18.4	18.7	13.5
Motor vehicle accidents (E810-E825)										
White, both sexes										
1998	16.0	14.0	13.4	14.3	14.8	16.6	19.9	25.7	33.8	32.5
1997	16.1	13.8	13.5	14.5	14.8	16.0	19.6	26.0	33.4	33.1
1996	16.4	13.6	13.6	14.2	15.2	16.0	20.0	25.0	33.0	30.6
1995	16.5	13.3	13.4	13.7	14.7	15.5	19.1	26.4	32.0	31.8
1994	16.3	13.6	13.2	13.0	13.5	16.2	19.2	26.0	33.6	29.4
1993	16.3	13.0	12.4	13.0	13.8	14.6	18.5	27.2	34.2	29.1
1992	16.1	12.8	13.0	12.9	13.0	15.4	19.5	24.9	32.8	27.8
1991	17.4	14.1	13.2	13.4	14.1	15.5	19.1	26.7	32.5	29.0
1990	19.0	14.8	15.1	15.0	15.7	16.6	20.3	27.7	31.9	31.8
1989	19.5	14.9	15.5	15.3	15.6	16.9	22.2	27.3	34.0	30.2
1988	20.4	15.4	15.8	15.5	15.3	17.3	21.2	26.5	36.1	29.6
1987	20.3	15.0	14.9	14.8	16.1	16.7	20.7	26.9	34.2	28.0
1986	20.2	14.6	14.7	14.5	14.8	15.9	20.9	26.6	32.0	25.2
1985	19.6	15.0	14.7	14.9	15.2	15.3	20.6	25.4	31.1	27.0
1984	20.1	15.5	14.9	15.0	15.8	16.4	19.8	26.8	30.7	25.0
1983	19.5	14.9	14.7	13.9	14.8	15.5	18.8	23.8	29.2	26.1
1982	20.3	15.9	14.6	15.0	14.5	15.6	19.1	23.7	28.6	24.1
1981	23.1	17.6	17.0	17.4	16.5	17.3	21.1	25.8	30.3	26.6
1980	24.1	18.7	17.4	17.2	16.3	17.0	21.1	27.2	29.5	28.0
1979	24.4	18.3	17.6	17.0	18.0	19.0	22.1	27.9	31.0	24.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Motor vehicle accidents (E810-E825)										
White, male										
1998	21.5	19.3	19.0	19.0	20.0	21.4	24.4	33.6	49.9	64.5
1997	21.6	19.1	18.6	18.8	19.3	20.0	25.8	34.5	48.9	63.3
1996	22.1	19.3	18.2	19.3	19.3	20.9	25.4	33.0	48.2	60.9
1995	22.4	18.6	18.5	18.4	19.5	19.8	23.1	34.1	48.5	62.1
1994	22.3	19.1	17.7	17.3	17.9	20.8	23.3	34.1	49.5	60.2
1993	22.5	18.2	17.1	17.8	18.0	17.8	23.7	35.9	52.5	61.2
1992	22.3	17.4	18.5	17.4	17.2	19.6	25.1	33.0	51.6	56.6
1991	24.3	19.7	18.3	18.7	19.0	19.8	24.2	36.3	50.3	59.7
1990	26.7	20.9	20.4	20.5	20.8	21.3	26.3	36.6	48.9	65.3
1989	27.2	20.7	21.2	21.6	20.9	21.5	27.7	37.0	54.0	62.9
1988	28.9	22.1	21.3	20.7	20.8	22.8	27.5	35.4	57.7	59.9
1987	29.0	20.6	21.0	20.1	22.0	22.2	27.6	36.2	56.5	58.8
1986	29.3	21.1	20.7	19.9	20.4	20.1	26.5	37.8	52.1	51.7
1985	28.3	21.4	20.5	21.6	19.8	19.3	25.6	36.2	50.2	57.0
1984	29.2	22.0	21.5	20.7	21.4	22.6	26.5	38.1	48.5	53.0
1983	28.6	21.7	20.8	19.6	20.4	20.9	25.2	34.6	49.2	55.8
1982	30.1	23.3	21.4	21.8	19.9	21.3	25.5	34.7	48.6	48.9
1981	34.5	26.0	25.0	25.0	22.9	24.3	29.1	39.1	52.4	54.9
1980	35.9	27.8	24.9	24.4	23.3	23.7	28.7	40.3	49.6	57.3
1979	36.6	26.7	26.2	24.9	26.3	27.4	31.1	42.8	52.9	48.5
Motor vehicle accidents (E810-E825)										
White, female										
1998	10.6	8.7	8.1	9.8	10.0	12.4	16.4	20.3	24.4	19.9
1997	10.7	8.5	8.5	10.3	10.7	12.5	14.7	20.2	24.5	21.3
1996	10.8	8.0	9.1	9.4	11.4	11.8	15.8	19.5	24.4	18.9
1995	10.7	8.1	8.4	9.3	10.4	11.8	16.0	21.2	22.9	20.3
1994	10.5	8.1	8.8	8.9	9.6	12.5	15.9	20.5	24.9	17.7
1993	10.3	7.9	7.9	8.5	10.1	11.9	14.6	21.4	24.3	17.0
1992	10.1	8.4	7.7	8.6	9.2	11.9	15.1	19.5	22.7	16.9
1991	10.8	8.6	8.2	8.4	9.7	11.9	15.2	20.4	23.1	17.5
1990	11.6	9.0	10.0	9.8	11.1	12.7	15.7	22.0	23.0	19.1
1989	12.1	9.2	10.0	9.4	10.9	13.1	18.0	21.0	23.5	17.7
1988	12.2	8.8	10.6	10.7	10.5	12.8	16.6	20.8	24.8	18.0
1987	12.0	9.5	9.0	9.9	10.9	12.2	15.6	21.1	22.5	16.1
1986	11.6	8.2	9.0	9.5	9.9	12.4	16.8	19.5	21.5	14.9
1985	11.4	8.8	9.2	8.7	11.2	11.9	17.0	18.7	21.2	15.3
1984	11.5	9.3	8.6	9.8	10.8	11.4	14.9	19.9	21.4	13.9
1983	10.9	8.3	8.8	8.8	9.9	11.2	14.2	17.1	18.8	14.2
1982	11.0	8.8	8.3	8.8	9.8	11.1	14.5	16.9	18.2	13.9
1981	12.3	9.5	9.5	10.7	10.9	11.6	15.3	17.5	18.8	14.7
1980	12.8	10.0	10.4	10.8	10.2	11.7	15.6	19.0	19.0	15.3
1979	12.8	10.1	9.6	9.9	10.8	12.2	15.7	18.6	19.3	14.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Motor vehicle accidents (E810-E825)										
All other, both sexes										
1998	14.9	16.8	16.3	17.4	16.6	18.4	21.1	26.8	27.6	23.5
1997	15.3	16.0	16.9	17.7	17.8	17.9	24.4	24.8	28.3	25.7
1996	15.3	15.6	15.5	15.3	15.8	18.7	22.5	24.7	29.4	22.2
1995	15.5	16.8	15.5	15.6	17.6	17.0	23.3	24.1	27.6	22.5
1994	15.4	15.3	18.1	16.9	17.9	18.2	25.2	29.3	29.0	23.2
1993	15.3	15.2	16.4	15.6	17.9	18.5	19.0	25.9	26.4	33.0
1992	15.4	17.2	17.0	18.8	19.0	18.1	22.5	23.0	25.2	18.1
1991	16.2	17.3	15.7	16.9	17.6	21.0	19.5	21.7	23.9	26.7
1990	17.9	19.8	19.7	20.1	20.5	22.3	20.7	23.4	32.7	25.0
1989	18.0	18.9	20.4	19.9	20.8	20.1	21.9	25.3	26.9	22.7
1988	18.5	18.1	18.9	19.2	19.8	21.5	25.3	28.1	24.1	31.0
1987	17.9	18.9	19.0	18.6	19.1	21.9	21.6	21.6	24.4	22.5
1986	18.2	17.6	20.2	20.5	20.1	16.4	19.8	29.0	27.3	29.9
1985	17.3	17.0	18.4	19.5	21.7	18.0	22.3	26.3	22.9	20.6
1984	16.6	17.8	16.2	19.4	18.4	18.9	22.0	25.3	25.6	27.6
1983	16.3	19.2	19.3	18.0	18.0	18.7	20.2	26.5	25.2	17.8
1982	16.6	18.7	18.7	19.2	19.1	20.0	20.9	23.1	20.6	20.0
1981	18.2	21.9	21.0	21.1	19.3	20.4	28.4	24.3	27.4	17.4
1980	19.9	20.7	23.8	23.6	22.5	23.4	22.0	28.0	27.5	24.0
1979	20.4	21.4	25.1	24.8	24.6	23.6	24.4	25.5	23.2	23.6
Motor vehicle accidents (E810-E825)										
All other, male										
1998	21.3	24.6	23.7	26.1	23.1	24.4	30.0	39.8	53.1	53.4
1997	21.5	22.8	24.8	25.1	25.5	25.2	35.1	36.7	46.0	40.4
1996	21.9	20.9	24.3	23.4	22.8	26.7	33.2	37.1	48.6	46.6
1995	22.5	25.7	21.7	24.0	24.5	25.6	35.7	42.0	47.5	55.2
1994	22.0	20.9	26.7	26.1	26.8	25.6	40.4	47.0	52.0	50.3
1993	22.3	24.6	24.7	25.0	27.3	27.2	29.6	39.8	43.0	73.6
1992	22.4	25.8	26.0	27.9	29.4	27.5	36.2	38.9	41.5	42.7
1991	24.1	25.5	24.7	25.0	25.9	33.1	30.8	32.6	48.9	56.4
1990	26.8	30.1	31.4	28.5	32.0	31.1	31.0	35.3	56.6	57.7
1989	27.1	30.6	33.2	32.5	33.2	28.5	34.8	42.3	47.9	53.1
1988	28.0	28.7	30.0	29.5	31.9	35.7	45.0	46.6	43.6	72.2
1987	27.3	31.5	27.9	30.0	30.9	31.2	35.5	33.0	43.8	46.8
1986	28.2	28.5	31.7	32.8	29.3	26.2	32.2	52.4	54.6	68.0
1985	26.6	27.3	29.1	32.8	35.0	27.0	38.3	47.1	34.6	39.7
1984	25.9	29.3	26.1	30.5	31.5	31.4	37.5	44.1	43.6	62.5
1983	25.2	30.5	30.9	31.4	28.7	30.1	33.8	42.1	45.4	34.8
1982	25.7	32.0	31.2	31.5	32.8	33.5	34.3	41.9	44.7	41.8
1981	28.6	37.8	35.0	34.9	32.0	35.5	49.5	44.1	42.9	35.9
1980	31.5	34.5	40.6	40.0	37.2	42.8	38.9	53.0	45.9	42.8
1979	32.3	37.9	40.6	42.1	39.6	41.3	39.4	38.6	43.0	54.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Motor vehicle accidents (E810-E825)										
All other, female										
1998	9.0	10.0	10.0	10.1	11.3	14.0	15.1	18.5	14.1	11.0
1997	9.7	10.3	10.2	11.5	11.5	12.4	17.1	17.2	18.9	19.4
1996	9.3	11.0	7.9	8.7	10.2	12.7	15.1	16.8	19.2	11.9
1995	9.1	9.3	10.1	8.6	12.2	10.5	14.9	13.0	17.0	8.5
1994	9.4	10.5	10.7	9.4	10.9	12.7	14.8	18.3	16.7	11.7
1993	8.9	7.0	9.4	7.8	10.6	12.0	11.7	17.3	17.4	15.4
1992	8.9	9.8	9.3	11.4	11.0	11.2	13.0	13.2	16.1	*
1991	8.9	10.3	8.0	10.3	11.3	12.0	11.9	15.0	10.0	13.5
1990	9.8	11.0	9.8	13.3	11.7	15.8	13.6	16.1	19.2	*
1989	9.7	8.8	9.5	9.8	11.3	13.8	13.0	14.6	15.1	*
1988	9.8	9.0	9.5	10.9	10.4	11.0	11.9	16.4	12.7	11.8
1987	9.3	8.2	11.6	9.3	9.9	15.1	12.0	14.3	13.3	*
1986	9.1	8.3	10.7	10.7	12.9	9.1	11.3	13.9	11.6	*
1985	8.8	8.2	9.5	8.7	11.4	11.3	11.3	12.7	16.1	*
1984	8.1	7.9	8.1	10.5	8.2	9.5	11.3	12.8	15.1	*
1983	8.1	9.5	9.9	7.1	9.6	10.2	10.6	16.0	13.3	*
1982	8.3	7.5	8.6	9.2	8.2	9.9	11.2	10.5	*	*
1981	8.7	8.5	9.7	9.8	9.2	8.9	12.9	10.9	18.0	*
1980	9.3	9.2	10.2	10.1	10.7	8.5	9.5	11.0	16.2	*
1979	9.6	7.8	12.5	10.3	12.5	10.0	12.9	15.9	*	*
Motor vehicle accidents (E810-E825)										
Black, both sexes										
1998	16.0	18.7	17.9	18.8	17.8	19.2	22.5	27.8	24.8	21.3
1997	16.2	18.2	18.5	19.6	18.4	18.0	22.8	22.1	23.2	24.8
1996	16.1	17.0	16.8	16.1	16.4	18.7	21.6	24.2	27.3	22.2
1995	16.0	17.9	16.0	15.7	17.9	16.1	24.7	22.4	25.7	21.2
1994	16.1	16.7	19.0	17.1	17.9	17.8	24.7	27.5	26.6	22.4
1993	16.0	16.7	16.7	16.0	18.0	19.5	18.7	25.1	22.3	28.6
1992	15.9	18.4	17.6	19.1	20.0	17.7	21.2	22.6	22.8	15.3
1991	16.6	18.1	15.8	17.2	18.2	20.8	17.9	21.8	21.1	25.3
1990	18.2	21.1	20.3	20.0	22.1	22.3	20.8	21.9	28.1	20.7
1989	18.6	20.5	21.9	20.3	21.9	20.2	22.7	24.2	24.5	20.5
1988	18.9	19.2	20.6	20.1	20.2	20.9	24.5	26.6	22.4	29.4
1987	18.0	19.6	20.2	19.4	19.3	21.5	20.4	19.8	20.2	18.8
1986	18.3	18.2	20.3	21.2	21.3	16.5	19.4	26.9	23.5	28.9
1985	17.2	17.9	18.5	20.2	22.9	17.6	20.4	26.6	21.6	19.0
1984	16.7	17.7	15.3	20.1	18.7	20.3	22.2	24.7	26.3	25.8
1983	16.0	19.2	19.9	18.8	19.1	17.7	19.0	25.8	23.8	15.2
1982	16.3	18.7	19.2	18.7	18.4	18.9	19.5	22.5	17.9	18.2
1981	17.7	22.2	21.4	22.1	19.8	19.2	29.3	23.1	27.3	16.1
1980	19.1	20.9	24.3	23.6	22.7	22.7	22.3	25.8	23.0	19.5
1979	19.5	22.5	25.7	25.8	23.9	23.4	24.3	24.2	21.4	23.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Motor vehicle accidents (E810-E825)										
Black, male										
1998	23.6	28.1	27.1	29.0	26.7	28.2	33.4	44.4	54.1	52.6
1997	23.4	26.2	28.8	29.8	27.8	27.6	35.4	32.3	44.7	39.4
1996	23.6	24.7	28.2	25.5	26.2	29.1	34.5	38.3	52.8	51.5
1995	24.1	29.0	24.1	24.6	25.5	26.3	38.9	43.8	45.7	53.9
1994	23.5	24.5	28.0	28.0	27.8	26.1	41.2	46.4	51.6	49.2
1993	24.3	28.9	27.1	26.9	28.6	31.9	33.9	39.1	41.9	73.5
1992	23.8	29.9	29.2	28.8	32.3	29.1	36.5	42.5	39.3	36.4
1991	25.5	27.7	25.7	26.9	28.7	33.5	29.3	35.1	43.9	60.9
1990	28.1	33.8	34.5	29.3	35.9	33.3	33.2	35.3	50.8	48.3
1989	28.9	34.1	38.8	34.0	37.0	30.5	37.3	44.9	43.3	53.0
1988	29.4	31.2	34.2	32.6	33.7	36.4	46.4	47.5	41.5	70.8
1987	28.2	34.3	30.9	31.5	33.8	32.9	35.3	35.4	38.0	43.8
1986	29.0	30.9	32.7	36.2	31.8	26.2	33.1	54.1	51.1	66.7
1985	27.1	29.6	30.7	35.2	37.5	28.3	36.6	47.6	31.0	38.7
1984	26.7	31.5	25.6	31.9	34.3	35.3	39.6	43.7	47.6	59.0
1983	25.4	32.3	32.9	33.2	31.3	28.4	33.2	40.6	43.9	*
1982	26.1	33.8	33.0	32.0	31.5	32.9	33.9	42.2	37.5	36.2
1981	28.9	39.9	37.1	37.3	33.4	34.8	52.3	44.3	45.5	35.7
1980	31.1	36.3	41.9	41.5	38.9	42.4	40.9	47.7	44.0	*
1979	31.6	41.6	43.6	44.6	38.7	41.4	41.6	36.6	41.6	55.8
Motor vehicle accidents (E810-E825)										
Black, female										
1998	9.0	10.6	10.1	10.6	10.8	12.6	15.3	17.7	10.5	9.5
1997	9.6	11.3	9.9	11.4	11.0	10.9	14.4	15.9	12.8	19.2
1996	9.2	10.4	7.2	8.4	8.9	10.9	13.2	15.7	14.9	11.0
1995	8.8	8.5	9.3	8.5	11.9	8.5	15.5	9.6	15.9	*
1994	9.4	10.1	11.5	8.4	10.2	11.7	13.9	16.5	14.3	12.0
1993	8.5	6.4	8.0	7.3	9.8	10.4	8.7	16.9	12.4	10.8
1992	8.7	8.8	8.0	11.3	10.6	9.3	11.1	11.2	14.4	*
1991	8.7	10.0	7.8	9.6	10.2	11.6	10.3	14.0	*	*
1990	9.4	10.4	8.7	12.6	11.7	14.4	12.7	14.1	16.3	*
1989	9.4	9.1	8.1	9.5	10.5	12.8	13.1	12.0	14.6	*
1988	9.5	9.1	9.4	10.1	10.0	9.7	10.0	14.2	12.4	*
1987	8.9	7.4	11.5	9.7	8.2	13.2	10.6	10.4	*	*
1986	8.6	7.7	10.3	9.2	13.3	9.4	10.4	10.3	*	*
1985	8.3	8.2	8.5	8.0	11.6	9.7	9.7	13.6	16.5	*
1984	7.8	6.3	6.8	10.4	6.6	9.2	10.6	12.8	14.5	*
1983	7.6	8.3	9.4	7.0	9.7	9.9	9.4	16.2	*	*
1982	7.6	6.3	8.0	7.9	8.1	8.6	9.7	10.0	*	*
1981	7.7	7.6	8.8	9.7	9.1	7.8	13.2	9.4	16.7	*
1980	8.3	8.2	10.0	8.9	9.9	8.1	9.1	11.5	*	*
1979	8.7	6.8	11.0	10.4	12.2	10.0	11.8	15.7	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other land transport accidents (E800-E807,E826-E829)										
All races, both sexes										
1998	0.3	0.3	0.3	0.3	0.2	0.2	*	*	*	*
1997	0.3	0.3	0.3	0.3	0.2	0.3	0.2	*	*	*
1996	0.3	0.3	0.4	0.2	0.2	*	*	0.4	*	*
1995	0.3	0.3	0.4	0.2	*	0.2	0.2	*	*	*
1994	0.3	0.3	0.3	0.3	0.3	*	*	0.4	*	*
1993	0.3	0.3	0.3	0.3	0.3	0.3	*	*	*	*
1992	0.3	0.4	0.4	0.4	*	*	*	*	*	*
1991	0.3	0.4	0.3	0.4	0.3	*	*	0.4	*	*
1990	0.4	0.4	0.4	0.2	0.2	0.2	0.3	*	*	*
1989	0.3	0.4	0.4	0.3	0.3	0.2	*	*	*	*
1988	0.3	0.3	0.3	0.2	*	0.3	0.3	*	*	*
1987	0.4	0.4	0.4	0.3	0.3	0.3	*	*	*	*
1986	0.3	0.3	0.5	0.2	0.3	0.3	*	*	*	*
1985	0.3	0.3	0.4	0.3	0.3	0.3	*	*	*	*
1984	0.3	0.3	0.3	0.3	0.3	*	*	*	*	*
1983	0.3	0.3	0.3	0.4	0.3	0.4	0.3	*	*	*
1982	0.3	0.4	0.4	0.2	0.4	*	0.3	*	*	*
1981	0.3	0.3	0.5	0.4	0.4	0.4	0.3	*	*	*
1980	0.4	0.4	0.5	0.4	0.3	*	*	0.4	*	*
1979	0.4	0.4	0.4	0.3	0.4	0.3	0.5	*	*	*
Other land transport accidents (E800-E807,E826-E829)										
All races, male										
1998	0.4	0.5	0.6	0.5	*	*	*	*	*	*
1997	0.5	0.5	0.6	0.5	*	0.6	*	*	*	*
1996	0.5	0.6	0.6	0.4	0.4	*	*	*	*	*
1995	0.5	0.5	0.6	0.4	*	*	*	*	*	*
1994	0.5	0.6	0.4	0.6	0.5	*	*	*	*	*
1993	0.5	0.5	0.6	0.5	0.4	*	*	*	*	*
1992	0.6	0.6	0.6	0.7	*	*	*	*	*	*
1991	0.6	0.8	0.5	0.8	0.4	*	*	*	*	*
1990	0.6	0.5	0.7	0.4	0.4	*	*	*	*	*
1989	0.6	0.7	0.8	0.6	0.4	*	*	*	*	*
1988	0.5	0.5	0.6	0.4	*	0.5	*	*	*	*
1987	0.6	0.7	0.7	0.5	0.6	0.5	*	*	*	*
1986	0.6	0.5	0.9	0.4	0.5	0.5	*	*	*	*
1985	0.6	0.6	0.7	0.5	0.5	0.5	*	*	*	*
1984	0.6	0.5	0.5	0.7	0.5	*	*	*	*	*
1983	0.5	0.5	0.6	0.6	0.5	0.7	*	*	*	*
1982	0.5	0.7	0.6	0.5	0.7	*	*	*	*	*
1981	0.6	0.5	1.0	0.7	0.6	0.7	*	*	*	*
1980	0.6	0.6	0.9	0.7	0.6	*	*	*	*	*
1979	0.6	0.6	0.7	0.6	0.8	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other land transport accidents (E800-E807,E826-E829)										
All races, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Other land transport accidents (E800-E807,E826-E829)										
White, both sexes										
1998	0.3	0.3	0.3	0.2	0.2	*	*	*	*	*
1997	0.3	0.2	0.3	0.2	*	0.3	*	*	*	*
1996	0.3	0.3	0.3	0.2	0.3	*	*	0.4	*	*
1995	0.3	0.3	0.4	*	*	*	*	*	*	*
1994	0.3	0.3	0.3	0.3	0.3	*	*	*	*	*
1993	0.3	0.3	0.3	0.2	0.2	0.2	*	*	*	*
1992	0.3	0.3	0.4	0.4	*	*	*	*	*	*
1991	0.3	0.4	0.3	0.4	0.2	*	*	0.4	*	*
1990	0.3	0.4	0.4	0.2	0.2	0.2	0.3	*	*	*
1989	0.3	0.4	0.4	0.3	0.2	*	*	*	*	*
1988	0.3	0.3	0.3	0.2	*	0.2	*	*	*	*
1987	0.3	0.3	0.3	0.3	0.3	0.3	*	*	*	*
1986	0.3	0.3	0.5	*	0.2	0.3	*	*	*	*
1985	0.3	0.3	0.3	0.3	0.3	0.3	*	*	*	*
1984	0.3	0.3	0.3	0.3	0.3	*	*	*	*	*
1983	0.3	0.2	0.3	0.4	0.2	0.3	0.3	*	*	*
1982	0.3	0.3	0.4	0.2	0.4	*	*	*	*	*
1981	0.3	0.2	0.4	0.4	0.3	0.4	0.3	*	*	*
1980	0.4	0.3	0.4	0.4	0.3	*	*	*	*	*
1979	0.4	0.3	0.4	0.3	0.3	*	0.4	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other land transport accidents (E800-E807,E826-E829)										
White, male										
1998	0.4	0.4	0.6	0.4	*	*	*	*	*	*
1997	0.4	0.4	0.6	0.4	*	0.6	*	*	*	*
1996	0.5	0.6	0.5	*	*	*	*	*	*	*
1995	0.5	0.5	0.6	*	*	*	*	*	*	*
1994	0.5	0.5	0.4	0.5	0.5	*	*	*	*	*
1993	0.5	0.5	0.5	*	*	*	*	*	*	*
1992	0.6	0.5	0.6	0.7	*	*	*	*	*	*
1991	0.6	0.8	0.5	0.7	*	*	*	*	*	*
1990	0.6	0.6	0.6	*	*	*	*	*	*	*
1989	0.6	0.7	0.7	0.6	*	*	*	*	*	*
1988	0.5	0.4	0.6	*	*	*	*	*	*	*
1987	0.6	0.5	0.6	0.5	0.6	0.5	*	*	*	*
1986	0.5	0.4	1.0	*	*	0.5	*	*	*	*
1985	0.5	0.5	0.5	0.5	0.4	*	*	*	*	*
1984	0.5	0.4	*	0.6	0.5	*	*	*	*	*
1983	0.5	0.5	0.5	0.6	*	0.6	*	*	*	*
1982	0.5	0.6	0.6	0.4	0.7	*	*	*	*	*
1981	0.6	*	0.8	0.7	0.6	0.6	*	*	*	*
1980	0.6	0.6	0.8	0.6	0.5	*	*	*	*	*
1979	0.6	0.5	0.7	0.6	0.7	*	*	*	*	*
Other land transport accidents (E800-E807,E826-E829)										
White, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other land transport accidents (E800-E807,E826-E829)										
All other, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Other land transport accidents (E800-E807,E826-E829)										
All other, male										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	*
1993	0.7	*	*	*	*	*	*	*	*	*
1992	0.7	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	0.7	*	*	*	*	*	*	*	*	*
1988	0.8	*	*	*	*	*	*	*	*	*
1987	0.9	*	*	*	*	*	*	*	*	*
1986	0.8	*	*	*	*	*	*	*	*	*
1985	0.8	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.8	*	*	*	*	*	*	*	*	*
1982	0.8	*	*	*	*	*	*	*	*	*
1981	0.8	*	*	*	*	*	*	*	*	*
1980	0.9	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other land transport accidents (E800-E807,E826-E829)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Other land transport accidents (E800-E807,E826-E829)										
Black, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.4	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.4	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.5	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.5	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other land transport accidents (E800-E807,E826-E829)										
Black, male										
1998	0.6	*	*	*	*	*	*	*	*	*
1997	0.7	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	*
1993	0.8	*	*	*	*	*	*	*	*	*
1992	0.7	*	*	*	*	*	*	*	*	*
1991	0.9	*	*	*	*	*	*	*	*	*
1990	0.9	*	*	*	*	*	*	*	*	*
1989	0.8	*	*	*	*	*	*	*	*	*
1988	0.8	*	*	*	*	*	*	*	*	*
1987	0.9	*	*	*	*	*	*	*	*	*
1986	0.8	*	*	*	*	*	*	*	*	*
1985	0.9	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.8	*	*	*	*	*	*	*	*	*
1982	0.8	*	*	*	*	*	*	*	*	*
1981	0.8	*	*	*	*	*	*	*	*	*
1980	1.0	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*
Other land transport accidents (E800-E807,E826-E829)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
All races, both sexes										
1998	0.7	0.9	1.0	1.0	1.1	0.9	1.1	0.7	1.0	1.5
1997	0.8	1.2	1.2	1.2	0.9	0.8	0.8	0.7	0.9	1.4
1996	0.8	1.2	1.3	1.3	1.2	0.9	0.8	0.8	0.7	1.2
1995	0.8	1.2	1.1	1.1	1.1	0.9	0.7	0.7	0.5	0.5
1994	0.9	1.4	1.4	1.2	0.9	0.9	1.0	0.6	0.7	0.8
1993	0.8	1.2	1.1	1.0	1.0	0.7	0.7	0.6	0.7	*
1992	0.9	1.3	1.3	1.2	1.0	0.9	0.6	0.7	0.5	0.9
1991	0.9	1.5	1.1	1.2	0.9	1.0	0.7	0.7	*	0.7
1990	0.9	1.4	1.4	1.2	1.2	1.0	0.8	0.8	*	0.7
1989	0.9	1.5	1.4	1.3	1.3	1.0	0.8	0.6	0.7	0.8
1988	0.9	1.5	1.3	1.1	1.1	0.9	0.7	0.5	*	*
1987	1.0	1.5	1.4	1.4	1.3	0.9	0.7	0.5	0.6	0.8
1986	1.0	1.8	1.5	1.3	1.3	0.8	0.7	0.6	*	*
1985	1.2	1.9	1.6	1.5	0.9	1.0	0.9	0.5	*	*
1984	1.1	2.0	1.7	1.4	1.1	0.9	0.8	0.6	*	*
1983	1.2	1.8	1.7	1.4	1.1	0.9	0.8	0.5	*	*
1982	1.4	2.1	1.9	1.4	1.2	0.6	0.8	0.7	*	*
1981	1.3	2.1	1.8	1.4	1.1	1.0	0.7	0.6	*	*
1980	1.4	2.1	1.7	1.4	1.0	0.7	0.6	0.5	*	*
1979	1.5	2.2	2.0	1.6	1.5	0.8	0.8	0.6	*	*
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
All races, male										
1998	1.1	1.5	1.7	1.9	2.2	1.8	2.0	1.3	1.6	1.7
1997	1.3	2.2	2.0	2.2	1.6	1.6	1.6	1.1	1.5	1.8
1996	1.3	1.9	2.4	2.2	2.1	1.6	1.5	1.3	*	2.2
1995	1.3	2.1	1.9	2.0	2.0	1.7	1.5	1.4	*	*
1994	1.5	2.3	2.4	2.1	1.7	1.6	1.8	1.1	1.4	2.0
1993	1.3	2.0	2.1	1.8	2.0	1.4	1.4	1.1	*	*
1992	1.6	2.2	2.4	2.2	1.9	1.7	1.1	1.3	*	*
1991	1.5	2.6	2.0	2.2	1.6	1.8	1.3	1.5	*	*
1990	1.6	2.6	2.5	2.3	2.2	1.8	1.5	1.5	*	*
1989	1.6	2.6	2.7	2.4	2.4	2.0	1.6	1.0	*	*
1988	1.7	2.6	2.5	2.0	2.1	1.7	1.5	1.1	*	*
1987	1.8	2.6	2.4	2.4	2.4	1.6	1.4	1.1	*	*
1986	1.8	3.1	2.8	2.4	2.6	1.6	1.4	1.1	*	*
1985	2.0	3.3	2.6	2.7	1.7	1.9	1.5	*	*	*
1984	2.0	3.5	3.2	2.6	2.2	1.8	1.8	1.2	*	*
1983	2.2	3.3	3.2	2.6	2.1	1.9	1.5	*	*	*
1982	2.4	3.9	3.5	2.5	2.3	1.2	1.6	1.4	*	*
1981	2.3	3.8	3.5	2.6	2.1	1.9	1.5	1.3	*	*
1980	2.4	3.7	3.1	2.5	1.9	1.5	1.0	1.1	*	*
1979	2.7	4.0	3.8	2.9	2.7	1.6	1.6	1.2	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
All races, female										
1998	0.2	0.3	0.3	*	*	*	0.4	*	*	1.4
1997	0.3	0.3	0.3	0.3	*	*	*	*	*	1.2
1996	0.4	0.6	0.3	0.5	0.4	*	*	0.5	*	0.8
1995	0.3	0.4	0.3	*	*	*	*	*	*	*
1994	0.3	0.5	0.5	*	*	*	*	*	*	*
1993	0.3	0.4	*	*	*	*	*	*	*	*
1992	0.3	0.4	*	*	*	*	*	*	*	*
1991	0.3	0.4	*	*	*	*	*	*	*	*
1990	0.2	0.3	*	*	0.4	*	*	*	*	*
1989	0.3	0.4	*	*	0.5	*	*	*	*	*
1988	0.2	0.4	*	*	*	*	*	*	*	*
1987	0.3	0.4	0.4	0.4	*	*	*	*	*	*
1986	0.3	0.5	*	*	*	*	*	*	*	*
1985	0.4	0.6	0.6	0.4	*	*	*	*	*	*
1984	0.3	0.5	0.4	*	*	*	*	*	*	*
1983	0.3	0.3	0.4	*	*	*	*	*	*	*
1982	0.4	0.5	0.4	0.4	*	*	*	*	*	*
1981	0.3	0.5	0.3	0.3	*	*	*	*	*	*
1980	0.4	0.5	0.5	0.3	*	*	*	*	*	*
1979	0.4	0.4	0.4	0.4	0.4	*	*	*	*	*
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
White, both sexes										
1998	0.7	1.0	1.1	1.1	1.2	0.9	1.1	0.7	1.0	1.5
1997	0.8	1.3	1.3	1.3	0.9	0.9	0.8	0.6	0.9	1.4
1996	0.9	1.3	1.4	1.3	1.3	0.8	0.8	0.8	0.7	1.2
1995	0.8	1.3	1.2	1.2	1.1	1.0	0.8	0.7	0.5	*
1994	0.9	1.5	1.5	1.2	0.9	0.9	1.0	0.6	0.7	0.9
1993	0.9	1.3	1.2	1.1	1.0	0.8	0.7	0.6	0.7	*
1992	1.0	1.4	1.3	1.3	1.1	1.0	0.6	0.7	*	1.0
1991	1.0	1.6	1.2	1.3	1.0	1.0	0.7	0.8	*	0.7
1990	1.0	1.5	1.4	1.3	1.3	0.9	0.8	0.7	*	0.8
1989	1.0	1.6	1.4	1.3	1.4	1.0	0.9	0.6	0.7	0.8
1988	1.0	1.5	1.4	1.1	1.1	0.9	0.7	0.5	*	*
1987	1.1	1.6	1.3	1.4	1.3	0.9	0.7	0.5	*	0.8
1986	1.1	1.9	1.5	1.3	1.3	0.8	0.6	0.6	*	*
1985	1.2	2.0	1.7	1.5	1.0	1.1	0.9	0.5	*	*
1984	1.2	2.1	1.8	1.4	1.2	0.9	0.8	0.6	*	*
1983	1.3	1.9	1.8	1.4	1.1	0.9	0.8	0.4	*	*
1982	1.5	2.4	2.0	1.5	1.2	0.6	0.8	0.8	*	*
1981	1.4	2.3	2.0	1.5	1.2	1.0	0.7	0.6	*	*
1980	1.4	2.2	1.8	1.4	0.9	0.7	0.5	0.5	*	*
1979	1.6	2.2	2.1	1.7	1.5	0.9	0.8	0.5	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
White, male										
1998	1.2	1.6	1.9	2.1	2.2	1.9	2.1	1.3	1.7	*
1997	1.4	2.3	2.2	2.3	1.7	1.6	1.6	1.1	1.5	*
1996	1.4	2.0	2.5	2.2	2.3	1.5	1.5	1.2	*	2.2
1995	1.4	2.2	2.0	2.1	2.0	1.9	1.7	1.4	*	*
1994	1.6	2.4	2.5	2.2	1.7	1.7	1.9	1.0	1.5	2.2
1993	1.4	2.1	2.2	1.9	2.0	1.5	1.4	1.1	*	*
1992	1.7	2.4	2.5	2.3	2.1	1.8	1.0	1.3	*	*
1991	1.6	2.8	2.2	2.3	1.7	1.9	1.3	1.6	*	*
1990	1.7	2.7	2.6	2.3	2.3	1.7	1.6	1.3	*	*
1989	1.7	2.7	2.6	2.4	2.4	2.0	1.6	1.0	*	*
1988	1.7	2.7	2.6	2.0	2.2	1.7	1.5	1.0	*	*
1987	1.8	2.8	2.3	2.4	2.4	1.6	1.4	1.0	*	*
1986	1.9	3.3	2.9	2.3	2.6	1.7	1.3	1.1	*	*
1985	2.1	3.4	2.7	2.7	1.8	2.0	1.6	*	*	*
1984	2.0	3.7	3.3	2.5	2.2	1.8	1.8	1.2	*	*
1983	2.3	3.4	3.3	2.7	2.1	1.9	1.6	*	*	*
1982	2.5	4.2	3.7	2.6	2.3	1.1	1.4	1.5	*	*
1981	2.5	4.0	3.7	2.7	2.2	1.9	1.5	1.3	*	*
1980	2.5	3.8	3.1	2.5	1.8	1.5	0.8	*	*	*
1979	2.8	4.1	3.9	3.0	2.8	1.7	1.6	*	*	*
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
White, female										
1998	0.3	0.3	0.3	*	*	*	*	*	*	1.4
1997	0.3	0.3	0.3	0.4	*	*	*	*	*	1.3
1996	0.4	0.7	0.4	0.4	*	*	*	0.5	*	0.9
1995	0.3	0.4	0.3	*	*	*	*	*	*	*
1994	0.3	0.5	0.5	*	*	*	*	*	*	*
1993	0.3	0.5	*	*	*	*	*	*	*	*
1992	0.3	0.5	*	*	*	*	*	*	*	*
1991	0.3	0.4	*	*	*	*	*	*	*	*
1990	0.3	0.4	*	*	*	*	*	*	*	*
1989	0.3	0.5	*	*	0.5	*	*	*	*	*
1988	0.3	0.4	*	*	*	*	*	*	*	*
1987	0.4	0.4	0.4	0.5	*	*	*	*	*	*
1986	0.3	0.5	*	*	*	*	*	*	*	*
1985	0.4	0.7	0.7	0.4	*	*	*	*	*	*
1984	0.3	0.6	0.4	*	*	*	*	*	*	*
1983	0.3	*	0.4	*	*	*	*	*	*	*
1982	0.4	0.6	0.5	0.5	*	*	*	*	*	*
1981	0.4	0.6	0.4	*	*	*	*	*	*	*
1980	0.4	0.6	0.5	0.4	*	*	*	*	*	*
1979	0.5	0.4	0.5	0.4	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
All other, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	0.7	*	*	*	*	*	*	*	*
1996	0.5	0.7	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.6	0.9	*	*	*	*	*	*	*	*
1993	0.5	0.9	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.6	*	1.4	*	*	*	*	*	*	*
1988	0.7	1.2	*	*	*	*	*	*	*	*
1987	0.7	*	1.5	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.7	1.2	*	*	*	*	*	*	*	*
1984	0.7	*	*	*	*	*	*	*	*	*
1983	0.7	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	0.7	*	*	*	*	*	*	*	*	*
1980	1.0	1.5	*	*	*	*	*	*	*	*
1979	1.0	1.6	*	*	*	*	*	*	*	*
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
All other, male										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.9	*	*	*	*	*	*	*	*	*
1996	0.9	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	1.0	*	*	*	*	*	*	*	*	*
1993	0.9	*	*	*	*	*	*	*	*	*
1992	0.9	*	*	*	*	*	*	*	*	*
1991	1.0	*	*	*	*	*	*	*	*	*
1990	1.0	*	*	*	*	*	*	*	*	*
1989	1.2	*	3.0	*	*	*	*	*	*	*
1988	1.2	2.4	*	*	*	*	*	*	*	*
1987	1.4	*	*	*	*	*	*	*	*	*
1986	1.2	*	*	*	*	*	*	*	*	*
1985	1.2	*	*	*	*	*	*	*	*	*
1984	1.4	*	*	*	*	*	*	*	*	*
1983	1.4	*	*	*	*	*	*	*	*	*
1982	1.7	*	*	*	*	*	*	*	*	*
1981	1.3	*	*	*	*	*	*	*	*	*
1980	1.8	3.2	*	*	*	*	*	*	*	*
1979	1.8	3.2	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
Black, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.5	*	*	*	*	*	*	*	*	*
1989	0.6	*	1.7	*	*	*	*	*	*	*
1988	0.6	*	*	*	*	*	*	*	*	*
1987	0.7	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.7	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	0.7	*	*	*	*	*	*	*	*	*
1980	0.9	1.7	*	*	*	*	*	*	*	*
1979	0.9	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
Black, male										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.8	*	*	*	*	*	*	*	*	*
1996	1.0	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	0.9	*	*	*	*	*	*	*	*	*
1993	0.9	*	*	*	*	*	*	*	*	*
1992	0.9	*	*	*	*	*	*	*	*	*
1991	0.9	*	*	*	*	*	*	*	*	*
1990	0.9	*	*	*	*	*	*	*	*	*
1989	1.2	*	3.8	*	*	*	*	*	*	*
1988	1.2	*	*	*	*	*	*	*	*	*
1987	1.3	*	*	*	*	*	*	*	*	*
1986	1.2	*	*	*	*	*	*	*	*	*
1985	1.2	*	*	*	*	*	*	*	*	*
1984	1.5	*	*	*	*	*	*	*	*	*
1983	1.3	*	*	*	*	*	*	*	*	*
1982	1.7	*	*	*	*	*	*	*	*	*
1981	1.3	*	*	*	*	*	*	*	*	*
1980	1.7	*	*	*	*	*	*	*	*	*
1979	1.7	*	*	*	*	*	*	*	*	*
Water, air and space, and other and unspecified transport accidents and their sequelae (E830-E848,E929.0-E929.1)										
Black, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
All races, both sexes										
1998	17.5	16.2	13.0	13.1	14.9	19.2	29.6	49.5	96.0	232.6
1997	16.9	15.4	12.4	13.2	15.1	18.4	28.1	47.7	90.9	225.6
1996	16.7	14.6	12.6	12.9	15.1	18.8	29.2	46.5	91.6	227.4
1995	16.6	13.9	12.8	13.2	15.5	18.1	27.5	45.8	84.5	218.8
1994	16.3	13.6	11.8	12.6	15.1	17.5	26.1	46.0	88.1	211.0
1993	16.5	12.9	11.8	12.3	15.1	18.4	26.3	44.7	86.3	216.1
1992	15.5	11.3	11.4	12.7	14.9	18.8	25.8	45.0	84.2	207.4
1991	15.8	11.4	11.3	13.0	15.3	19.0	27.0	45.4	86.7	211.5
1990	15.8	10.8	12.1	13.5	17.0	19.7	27.6	47.3	84.7	208.3
1989	16.7	12.0	12.4	15.1	17.0	21.1	29.5	50.4	88.6	212.6
1988	17.2	12.4	13.6	15.0	18.1	22.1	31.2	50.4	92.3	223.9
1987	16.7	11.8	12.6	15.2	18.2	21.0	31.4	51.0	93.4	208.8
1986	17.1	12.2	13.6	14.9	18.0	21.0	32.2	51.1	93.2	210.8
1985	17.3	12.8	14.0	16.8	19.2	22.5	33.5	54.9	95.9	214.6
1984	17.2	13.2	14.8	16.0	18.3	23.3	33.3	54.0	95.9	216.6
1983	17.9	13.5	15.7	17.5	19.9	23.8	33.7	53.9	99.0	220.9
1982	18.0	14.4	16.1	17.8	19.7	24.0	33.6	53.7	97.6	216.4
1981	18.7	15.1	18.0	18.2	21.2	24.8	35.7	54.3	103.4	231.4
1980	20.4	16.2	18.5	20.1	23.8	29.4	39.6	65.4	113.8	248.5
1979	20.0	16.3	18.1	20.0	23.1	27.9	39.4	61.8	110.2	233.4
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
All races, male										
1998	22.4	26.0	19.8	20.0	21.6	26.9	40.6	65.0	127.0	290.5
1997	22.0	24.8	19.0	20.4	22.7	27.1	38.5	63.9	120.6	288.0
1996	21.7	23.4	19.6	19.8	23.1	27.6	40.6	62.1	122.3	288.1
1995	21.9	22.8	20.1	20.4	23.3	26.8	37.2	61.5	113.9	286.7
1994	21.8	21.7	18.8	19.6	23.1	24.9	36.9	64.1	121.0	278.8
1993	21.9	20.4	19.2	19.0	22.4	26.0	37.9	60.3	117.5	284.8
1992	20.7	18.1	18.4	20.0	23.1	28.0	37.2	60.7	116.0	266.0
1991	21.1	18.0	17.8	20.4	23.6	28.4	37.8	61.8	117.4	271.2
1990	21.1	16.8	19.4	20.9	26.1	29.1	39.7	63.5	112.9	263.4
1989	22.6	19.5	19.5	24.0	26.5	32.0	41.6	68.4	120.0	274.1
1988	23.1	20.3	21.3	24.1	27.5	32.4	43.7	68.8	123.4	294.7
1987	22.6	18.9	20.0	23.4	28.0	29.9	45.3	71.3	127.4	276.6
1986	23.3	19.8	21.9	23.7	27.0	31.2	46.0	70.7	122.0	280.7
1985	23.6	20.5	21.9	26.4	29.5	32.7	46.6	77.6	130.0	289.2
1984	23.5	20.6	23.0	25.5	27.4	35.0	47.3	75.8	128.4	284.9
1983	24.3	21.3	24.6	27.6	30.5	35.0	47.0	74.2	129.9	284.6
1982	24.8	22.7	24.6	27.8	30.2	35.8	46.8	75.4	125.4	274.9
1981	25.8	23.5	28.1	28.2	33.4	37.4	50.9	75.5	131.9	291.3
1980	27.9	25.4	29.2	31.6	35.6	43.7	55.7	86.9	145.5	298.6
1979	27.7	25.6	28.3	30.7	35.3	42.3	56.1	84.3	138.1	280.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
All races, female										
1998	12.8	6.7	6.5	6.6	8.8	12.7	21.1	38.7	78.0	209.5
1997	12.0	6.2	6.1	6.4	8.3	11.1	20.1	36.6	73.9	201.2
1996	12.0	6.1	6.0	6.6	7.8	11.4	20.5	35.8	74.3	203.8
1995	11.5	5.3	5.9	6.5	8.5	10.9	20.1	35.1	68.3	192.7
1994	11.1	5.8	5.2	6.1	7.9	11.4	17.9	33.9	70.2	185.1
1993	11.2	5.6	4.9	6.1	8.7	12.2	17.6	34.4	69.4	189.9
1992	10.6	4.7	4.8	6.0	7.7	11.3	17.3	34.7	67.1	185.0
1991	10.8	5.0	5.1	6.1	8.0	11.3	18.9	34.6	70.4	188.7
1990	10.7	5.0	5.2	6.7	9.0	12.1	18.7	36.9	69.7	187.1
1989	11.2	4.9	5.6	7.0	8.8	12.3	20.6	38.8	72.0	188.7
1988	11.5	4.8	6.3	6.7	9.9	13.7	22.0	38.7	75.8	196.3
1987	11.0	5.0	5.6	7.7	9.8	13.8	21.3	38.2	75.5	182.1
1986	11.2	4.9	5.7	6.8	10.2	12.8	22.1	38.8	78.1	183.1
1985	11.3	5.5	6.7	8.1	10.2	14.2	24.0	40.6	78.0	184.8
1984	11.3	6.1	7.1	7.5	10.3	13.9	23.2	40.3	78.9	189.1
1983	11.8	6.1	7.4	8.5	10.7	14.8	24.1	41.2	82.7	194.8
1982	11.7	6.5	8.2	8.9	10.5	14.6	24.1	40.1	82.9	192.0
1981	12.0	7.2	8.6	9.2	10.7	14.7	24.7	41.1	88.4	205.8
1980	13.2	7.4	8.6	9.8	13.6	17.9	28.0	51.9	96.9	226.6
1979	12.8	7.6	8.7	10.4	12.5	16.3	27.4	47.6	95.1	212.5
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
White, both sexes										
1998	18.0	14.9	11.9	12.4	14.1	18.7	29.3	49.8	97.6	239.5
1997	17.2	14.0	11.3	12.4	14.0	17.6	27.4	47.2	92.1	232.5
1996	17.0	13.1	11.6	11.9	14.0	17.7	28.3	45.9	92.7	234.7
1995	16.6	12.3	11.7	12.0	14.1	16.9	26.3	45.1	83.9	224.7
1994	16.2	12.1	10.4	11.2	13.9	16.7	25.3	45.4	87.7	216.1
1993	16.2	11.6	10.7	11.3	14.1	17.2	25.2	44.3	86.2	220.0
1992	15.3	10.1	10.3	11.4	13.9	17.8	24.9	43.6	84.5	211.6
1991	15.4	10.3	10.0	11.6	14.3	17.7	25.8	44.3	86.4	214.0
1990	15.4	9.6	11.1	12.5	15.5	18.4	26.3	46.0	84.0	211.1
1989	16.1	10.4	10.7	13.5	15.3	19.2	28.0	48.8	88.1	212.3
1988	16.5	10.8	11.8	13.4	16.1	20.5	29.1	48.5	90.8	226.9
1987	16.0	10.4	11.2	13.7	16.6	19.4	29.5	49.8	91.6	210.1
1986	16.6	10.7	12.4	13.2	16.6	19.7	30.4	49.7	92.2	212.7
1985	16.7	11.0	12.4	15.2	17.5	21.0	31.4	53.1	93.6	215.8
1984	16.8	11.8	13.5	14.3	17.1	21.9	31.3	53.0	94.2	219.6
1983	17.2	12.0	14.2	15.6	17.9	21.6	31.2	52.3	95.8	224.6
1982	17.5	12.8	14.3	16.1	18.1	22.8	31.5	52.2	96.7	221.0
1981	18.0	13.2	16.3	16.4	19.3	22.9	34.1	53.3	102.0	235.1
1980	19.3	14.0	16.2	17.9	21.5	26.8	36.7	61.2	110.4	250.9
1979	19.1	14.5	16.0	18.6	21.4	26.0	37.7	59.9	110.8	236.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
White, male										
1998	22.6	23.8	17.6	18.8	19.8	25.8	39.4	65.3	128.5	295.5
1997	22.0	22.6	17.2	19.3	20.6	25.7	37.3	63.1	122.0	294.2
1996	21.5	20.6	17.7	18.1	21.3	25.6	39.2	61.0	123.2	296.7
1995	21.5	20.0	18.3	18.2	21.0	24.6	35.2	60.3	112.1	292.8
1994	21.1	19.2	16.4	17.1	20.9	23.6	35.5	62.7	118.8	284.5
1993	21.2	18.2	16.9	17.2	20.5	24.0	35.8	59.5	117.6	288.3
1992	20.1	15.9	16.4	17.7	21.2	26.3	35.3	58.9	115.8	269.9
1991	20.1	16.3	15.7	17.8	21.6	26.0	36.0	59.8	114.8	273.9
1990	20.2	14.7	17.5	19.0	23.7	26.9	37.7	60.5	113.4	266.2
1989	21.3	16.6	16.8	21.3	23.3	28.7	39.3	65.5	117.9	273.7
1988	21.7	17.6	18.1	21.2	24.0	29.3	40.3	65.1	120.0	298.6
1987	21.3	16.6	17.6	20.9	24.9	27.3	42.0	69.0	124.6	276.8
1986	22.2	17.0	20.1	20.5	25.1	28.6	43.9	67.8	119.5	283.7
1985	22.5	17.4	19.3	23.7	26.8	30.1	43.4	75.0	125.2	289.8
1984	22.5	18.2	21.0	22.6	25.5	32.7	43.9	74.3	125.4	288.4
1983	23.1	18.7	22.2	24.6	27.3	31.5	43.1	71.4	124.9	289.0
1982	23.6	19.9	21.5	24.8	27.4	33.8	43.3	73.0	122.9	280.0
1981	24.4	20.3	24.9	25.1	30.2	34.1	48.1	73.7	128.7	295.4
1980	26.2	21.6	25.2	28.2	31.7	39.8	52.8	82.0	140.8	300.9
1979	26.0	22.5	24.4	28.1	32.3	39.6	53.0	81.0	137.3	283.8
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
White, female										
1998	13.6	6.1	6.4	6.3	8.7	12.6	21.3	39.0	79.6	217.4
1997	12.6	5.5	5.7	5.7	8.0	10.5	19.6	36.2	74.9	208.5
1996	12.5	5.7	5.7	6.0	7.4	11.0	19.9	35.4	75.5	210.9
1995	11.9	4.7	5.2	6.1	7.9	10.4	19.5	34.7	68.2	198.8
1994	11.4	5.0	4.7	5.7	7.6	10.9	17.4	33.7	70.7	190.2
1993	11.5	5.1	4.6	5.7	8.2	11.5	17.1	34.1	69.2	194.2
1992	10.8	4.3	4.4	5.5	7.3	10.7	16.8	33.5	67.7	189.6
1991	11.0	4.4	4.5	5.7	7.7	10.8	18.1	34.1	71.3	191.5
1990	10.8	4.5	4.9	6.5	8.3	11.4	17.8	36.6	68.5	190.1
1989	11.1	4.4	4.9	6.3	8.2	11.4	19.5	38.0	72.4	188.9
1988	11.5	4.2	5.7	6.2	9.2	13.3	20.7	37.9	75.6	199.4
1987	11.0	4.3	5.2	7.1	9.2	12.8	20.3	37.6	74.4	184.3
1986	11.2	4.6	5.1	6.4	9.1	12.4	20.6	38.3	78.0	185.1
1985	11.2	4.8	5.8	7.5	9.4	13.5	22.6	39.4	77.1	186.8
1984	11.3	5.5	6.4	6.9	9.8	13.2	22.1	39.7	77.9	192.2
1983	11.6	5.4	6.6	7.5	9.7	13.6	22.5	40.5	80.6	198.7
1982	11.6	6.0	7.4	8.2	10.0	13.9	22.9	39.3	83.0	196.8
1981	11.9	6.4	8.2	8.6	9.8	13.8	24.0	40.6	88.1	209.9
1980	12.8	6.7	7.7	8.7	12.5	16.5	25.0	48.2	94.5	229.4
1979	12.6	6.8	8.1	10.0	11.9	15.1	26.8	46.8	96.8	215.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
All other, both sexes										
1998	15.0	22.8	19.4	17.2	20.0	22.7	32.6	46.6	79.4	164.8
1997	15.4	22.4	18.8	18.0	22.0	24.7	33.7	52.7	79.1	157.8
1996	15.7	22.9	19.0	19.3	21.6	27.0	36.9	52.0	80.2	154.6
1995	16.5	22.9	19.6	20.5	24.3	27.1	37.5	51.8	90.8	159.8
1994	17.2	22.6	20.2	21.1	22.8	23.9	33.5	52.1	92.6	159.6
1993	17.6	20.4	19.1	18.7	22.6	28.3	35.9	49.0	87.6	176.4
1992	16.4	18.9	18.3	21.1	22.4	27.1	34.7	58.3	81.8	164.2
1991	17.9	17.9	19.2	21.9	22.9	29.6	37.9	55.4	90.1	185.2
1990	17.6	18.1	18.6	19.9	27.7	30.2	39.8	60.0	91.3	179.3
1989	20.1	22.0	22.7	26.2	30.4	37.4	43.8	65.3	94.3	216.0
1988	20.8	21.8	25.1	25.9	33.1	35.5	51.0	68.8	107.2	191.9
1987	20.1	20.6	21.4	25.8	31.4	35.6	49.1	62.6	112.0	194.6
1986	20.1	21.5	20.9	27.3	29.6	32.8	48.1	64.9	103.7	190.5
1985	20.5	23.9	24.9	28.8	33.0	35.7	53.0	71.9	121.1	201.3
1984	20.0	22.3	23.4	28.9	28.0	35.7	52.1	63.4	115.8	184.8
1983	21.7	23.7	26.4	32.7	36.9	43.3	56.6	69.2	135.1	179.8
1982	21.5	24.9	29.4	32.0	33.6	35.3	53.7	67.6	107.9	165.0
1981	22.9	27.6	30.6	32.7	38.2	41.5	50.5	64.4	119.5	188.9
1980	26.6	31.1	36.2	38.6	44.8	51.6	67.8	107.0	153.1	220.7
1979	25.5	29.0	34.7	32.1	39.0	44.3	56.3	80.2	102.7	200.6
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
All other, male										
1998	21.6	38.1	33.9	27.9	33.4	35.1	51.2	62.4	110.9	244.1
1997	21.9	37.5	30.7	27.6	36.9	37.7	48.8	72.0	106.3	229.4
1996	22.5	39.7	32.1	30.7	35.9	43.5	54.0	72.7	112.4	208.5
1995	24.0	39.6	31.4	34.5	39.6	44.1	55.6	72.8	132.5	230.7
1994	25.3	37.6	34.5	36.3	39.0	35.8	49.9	79.1	143.1	226.2
1993	25.8	34.7	34.2	31.3	36.5	43.3	57.3	68.0	116.4	252.3
1992	23.8	32.9	31.2	36.1	38.2	42.4	54.9	79.1	118.5	230.5
1991	26.6	29.0	31.8	38.9	40.1	49.1	55.0	81.0	143.6	246.6
1990	25.7	30.3	31.8	34.6	45.9	48.3	58.8	92.0	108.4	237.1
1989	29.5	38.7	38.0	44.0	53.1	60.9	63.9	96.4	141.3	277.8
1988	30.9	37.9	43.5	46.1	57.1	60.4	76.5	104.6	157.3	258.2
1987	29.9	34.2	37.0	42.7	53.6	54.0	76.5	93.0	155.4	274.0
1986	29.6	38.4	34.9	49.4	43.6	55.0	65.8	97.1	146.3	253.3
1985	30.2	40.8	40.9	48.2	53.6	56.7	76.7	102.4	178.8	283.6
1984	29.4	37.0	38.2	49.1	45.3	55.9	79.7	89.6	158.4	251.4
1983	31.4	39.2	42.9	53.0	60.2	67.2	82.9	100.0	181.4	242.0
1982	32.0	43.0	49.0	53.4	56.6	54.1	79.9	97.4	152.1	225.4
1981	34.4	46.5	53.6	55.3	63.3	66.8	76.7	91.9	164.8	250.0
1980	38.8	54.2	62.6	62.1	71.8	79.9	82.5	132.8	196.0	274.8
1979	38.4	48.9	61.6	54.6	64.6	67.2	85.6	113.0	147.7	245.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
All other, female										
1998	8.9	9.6	7.1	8.2	9.2	13.4	19.9	36.5	62.7	131.5
1997	9.4	9.4	8.6	10.0	10.1	15.0	23.4	40.4	64.7	127.6
1996	9.5	8.5	7.8	9.8	10.3	14.7	25.2	39.0	63.0	131.9
1995	9.8	8.6	9.6	8.8	12.2	14.5	25.2	38.7	68.6	129.5
1994	9.8	9.8	8.0	8.6	10.1	15.1	22.3	35.5	65.6	131.0
1993	10.1	8.1	6.2	8.3	11.8	17.2	21.1	37.3	72.0	143.6
1992	9.5	6.8	7.3	9.0	10.3	15.9	20.7	45.5	61.6	135.2
1991	10.0	8.3	8.5	8.2	9.7	15.2	26.2	39.7	60.6	158.0
1990	10.2	7.7	7.4	8.1	13.9	16.9	26.9	40.2	81.7	153.0
1989	11.5	7.7	9.7	11.8	13.2	19.8	30.1	45.9	67.9	186.4
1988	11.6	7.9	9.5	9.6	14.7	16.9	33.6	46.1	77.9	160.9
1987	11.1	8.9	8.3	12.2	14.2	21.8	30.3	43.2	87.2	157.1
1986	11.4	6.9	9.1	9.6	18.8	16.2	35.9	44.1	79.4	160.3
1985	11.7	9.5	11.7	13.1	16.8	19.9	36.6	51.9	87.8	161.3
1984	11.4	9.8	11.3	12.6	14.5	20.4	32.9	46.1	90.7	151.7
1983	12.9	10.5	12.9	16.2	18.5	25.4	38.2	48.6	107.9	148.9
1982	11.9	9.6	13.5	14.5	15.2	21.1	34.7	47.7	82.2	134.6
1981	12.4	11.7	12.0	14.1	18.1	22.4	31.3	45.8	92.0	156.7
1980	15.4	11.9	14.8	19.2	23.1	30.0	56.9	89.4	126.8	193.0
1979	13.8	12.5	12.9	13.3	18.3	26.5	33.9	56.2	74.6	178.9
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
Black, both sexes										
1998	17.7	29.4	24.6	22.0	23.1	25.4	36.0	52.6	81.2	166.4
1997	17.7	28.1	23.8	21.3	25.8	28.8	36.4	56.7	81.7	153.7
1996	18.3	29.0	23.9	23.1	26.0	30.9	41.4	55.0	81.8	150.7
1995	19.4	29.0	24.8	24.5	29.1	30.8	44.0	58.0	96.6	160.4
1994	20.0	28.4	24.7	24.4	26.7	27.6	37.8	55.1	94.4	155.6
1993	20.6	25.5	23.9	22.2	26.2	32.4	39.5	52.8	88.8	178.2
1992	18.8	23.2	21.8	25.2	26.2	30.7	37.9	61.4	83.9	161.8
1991	20.9	21.6	23.2	25.7	25.4	33.0	41.7	61.2	94.0	187.4
1990	20.1	22.2	22.0	23.2	31.7	32.8	42.8	63.7	91.9	182.4
1989	23.2	25.8	26.8	30.9	35.6	43.2	49.0	71.8	97.2	223.6
1988	23.8	26.6	30.4	29.0	36.8	38.4	55.8	73.4	105.9	192.5
1987	22.7	24.7	25.9	28.1	35.1	38.6	51.0	66.4	113.3	194.2
1986	22.5	25.2	23.9	30.6	33.6	36.3	53.0	68.7	111.4	187.1
1985	22.9	27.6	28.7	33.0	37.6	39.3	57.6	74.9	127.8	200.5
1984	22.1	25.4	26.4	33.0	30.7	37.9	55.4	67.7	119.5	186.8
1983	24.0	26.6	28.3	36.4	40.6	47.6	59.8	73.3	143.6	182.1
1982	23.3	28.5	30.9	35.0	35.3	37.7	57.2	71.2	112.4	164.8
1981	25.1	31.7	34.0	36.5	41.8	44.7	54.6	68.2	124.9	191.7
1980	28.7	35.1	40.0	42.5	48.3	55.2	70.7	114.2	162.4	224.4
1979	27.0	32.0	37.0	34.1	39.9	46.6	58.9	81.3	106.0	198.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
Black, male										
1998	25.7	49.6	43.1	37.1	39.1	40.6	57.3	68.8	119.9	251.1
1997	25.4	47.0	39.2	33.1	43.1	44.1	52.1	82.8	114.8	221.4
1996	26.3	51.1	41.2	37.6	44.4	51.3	64.0	76.1	112.1	209.7
1995	28.2	50.7	40.7	41.7	48.5	49.9	66.9	81.9	152.2	232.4
1994	29.6	47.5	42.8	44.1	46.3	42.1	56.2	86.8	150.1	219.5
1993	30.4	43.9	44.3	37.7	42.3	51.0	62.7	75.5	114.4	268.3
1992	27.5	40.1	37.9	43.9	45.2	48.7	60.3	86.7	127.6	225.6
1991	31.2	35.5	38.9	46.2	44.5	54.4	62.1	92.5	149.5	250.8
1990	29.5	37.8	38.3	40.7	53.3	52.4	65.6	100.7	105.7	238.4
1989	34.2	46.4	45.7	51.9	61.6	71.7	71.8	110.1	147.4	295.5
1988	35.3	46.6	53.1	51.9	63.2	65.9	82.8	115.3	158.5	260.0
1987	34.0	41.8	45.9	46.6	60.2	58.5	81.5	98.3	162.0	284.4
1986	33.3	45.3	41.2	55.2	49.6	62.1	73.8	107.6	156.7	250.8
1985	34.1	48.4	47.3	55.4	61.7	63.4	86.6	105.3	195.4	280.6
1984	32.6	42.3	42.7	56.3	49.5	61.1	84.9	98.2	164.3	259.0
1983	34.7	45.3	44.8	59.5	65.8	74.0	87.7	106.7	195.1	251.7
1982	34.7	49.5	52.4	59.2	58.9	59.3	87.6	104.3	153.8	219.0
1981	37.7	54.4	59.4	61.4	69.9	72.1	84.9	98.1	170.1	250.0
1980	41.8	61.4	70.3	68.2	77.2	86.0	84.0	141.9	206.6	275.4
1979	40.7	54.0	66.0	57.7	66.1	73.4	92.0	116.1	149.4	238.5
Nontransport accidents (E850-E869,E880-E928,E929.2-E929.9)										
Black, female										
1998	10.5	12.1	8.9	9.7	10.6	14.2	22.0	42.9	62.3	134.4
1997	10.8	12.0	10.9	11.8	12.3	17.4	26.1	41.0	65.6	127.9
1996	11.1	10.2	9.5	11.5	11.7	15.7	26.6	42.3	67.1	128.2
1995	11.6	10.6	11.5	10.7	14.1	16.6	29.0	43.8	69.5	132.5
1994	11.4	12.3	9.6	8.7	11.5	16.8	25.8	36.4	67.0	130.6
1993	11.9	9.9	6.9	9.8	13.8	18.7	24.2	39.6	75.9	142.4
1992	10.9	8.9	8.5	10.3	11.6	17.5	23.1	46.9	61.7	136.1
1991	11.7	10.0	10.3	9.4	10.8	17.4	28.2	42.9	65.8	161.4
1990	11.8	9.1	8.7	9.5	15.4	18.6	27.8	42.0	84.8	158.6
1989	13.4	8.6	11.3	14.1	15.9	22.5	34.0	49.2	70.8	194.1
1988	13.4	9.9	11.6	10.8	16.7	18.4	37.9	48.3	78.1	163.1
1987	12.6	10.4	9.4	13.3	15.9	24.2	30.7	47.1	87.1	154.2
1986	12.9	8.4	9.8	10.7	21.4	17.3	39.1	44.8	86.7	158.0
1985	13.0	10.4	13.5	14.8	18.9	21.6	38.4	56.0	90.5	163.2
1984	12.6	11.4	13.0	14.0	16.1	20.8	35.7	48.5	94.7	152.7
1983	14.4	11.2	14.8	17.6	21.1	28.1	41.1	51.7	114.5	148.4
1982	13.0	11.3	13.5	15.3	16.8	21.9	36.4	50.2	88.4	138.1
1981	13.7	12.9	13.4	16.2	19.7	24.6	33.3	48.8	98.5	161.1
1980	17.0	13.5	15.5	21.5	25.5	32.3	61.2	96.2	135.8	199.0
1979	14.8	13.9	13.5	14.8	19.0	26.5	35.0	57.2	79.0	178.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Falls (E880-E888)										
All races, both sexes										
1998	5.9	2.3	2.5	3.3	4.7	7.3	13.3	25.9	57.9	163.6
1997	5.7	2.1	2.3	3.1	4.6	7.2	12.8	25.1	55.7	158.9
1996	5.6	2.1	2.6	3.2	4.9	6.8	12.4	24.6	54.5	158.2
1995	5.3	2.1	2.3	3.0	4.4	6.9	12.0	23.1	49.6	149.8
1994	5.1	1.9	2.2	3.2	4.6	6.2	11.2	23.2	52.3	145.4
1993	5.1	2.0	2.3	3.0	4.6	6.4	10.6	23.4	49.9	148.1
1992	4.9	2.0	2.5	3.3	4.4	6.7	10.8	22.6	50.3	144.7
1991	5.0	2.0	2.4	3.2	4.3	6.6	11.8	22.6	51.7	145.8
1990	5.0	2.1	2.6	3.3	5.1	6.9	11.6	24.0	48.5	143.1
1989	4.9	2.2	2.6	3.5	5.2	6.9	12.2	23.9	49.5	141.6
1988	4.9	2.0	3.1	3.6	4.6	7.0	12.4	23.6	49.9	144.1
1987	4.8	2.0	2.5	3.8	5.3	6.8	12.3	24.0	51.5	133.0
1986	4.8	2.2	3.0	3.7	4.9	6.7	12.0	23.2	50.0	135.2
1985	5.0	2.3	2.8	4.3	5.4	6.9	13.2	25.7	53.3	144.6
1984	5.1	2.3	3.1	3.9	5.3	7.8	13.3	26.4	54.4	148.6
1983	5.1	2.5	3.4	4.0	5.5	7.7	13.1	24.7	57.0	154.1
1982	5.2	2.6	3.6	4.1	5.8	7.9	12.9	27.6	58.8	154.2
1981	5.5	2.7	4.1	4.2	6.2	7.6	15.0	27.8	64.0	169.6
1980	5.9	3.2	4.1	5.0	6.9	8.9	15.6	32.1	66.3	179.7
1979	5.9	3.2	4.0	4.8	6.7	9.5	17.0	32.9	71.5	175.0
Falls (E880-E888)										
All races, male										
1998	5.9	3.7	4.0	5.2	6.7	9.9	16.9	32.5	73.3	193.8
1997	5.8	3.4	3.4	4.7	7.0	10.1	16.7	33.1	71.6	190.2
1996	5.6	3.4	4.0	5.0	7.6	10.0	16.7	30.7	66.9	189.0
1995	5.4	3.7	3.6	4.6	6.5	10.0	15.0	29.1	63.1	181.6
1994	5.4	3.0	3.7	4.9	7.2	8.2	15.3	30.7	68.0	181.4
1993	5.2	3.1	3.7	4.5	6.6	8.6	14.4	29.8	62.7	183.4
1992	5.0	3.2	3.9	5.0	6.6	9.3	14.7	28.9	63.8	173.4
1991	5.2	3.4	3.9	5.0	6.7	9.4	15.3	28.1	63.6	172.8
1990	5.2	3.4	4.3	4.7	7.6	9.8	15.7	28.2	61.8	171.3
1989	5.2	3.5	4.0	5.5	8.0	9.9	16.2	30.9	63.8	167.7
1988	5.3	3.4	5.1	5.8	7.1	9.9	16.8	30.3	60.4	174.1
1987	5.3	3.3	3.9	6.0	7.8	9.4	16.8	32.0	64.3	160.4
1986	5.2	3.7	4.7	6.0	7.1	9.5	15.5	28.8	63.4	164.6
1985	5.5	3.7	4.5	6.7	7.9	9.4	18.0	33.4	65.6	177.9
1984	5.4	3.4	4.8	6.3	7.6	11.3	17.1	32.9	63.9	179.8
1983	5.5	3.9	5.4	6.3	8.3	10.7	17.2	30.9	69.9	181.3
1982	5.6	3.9	5.7	6.3	8.6	11.2	16.3	35.3	70.9	180.6
1981	5.9	4.4	6.5	6.3	9.5	10.6	18.9	34.4	73.9	197.1
1980	6.4	5.0	6.6	7.8	10.0	12.9	21.4	39.9	75.9	198.8
1979	6.3	5.2	6.3	7.3	9.9	14.0	22.0	39.8	80.1	190.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Falls (E880-E888)										
All races, female										
1998	5.9	0.9	1.1	1.4	2.8	5.0	10.5	21.4	49.0	151.6
1997	5.6	0.8	1.2	1.6	2.6	4.7	9.9	19.5	46.6	146.7
1996	5.5	0.8	1.2	1.5	2.4	4.1	9.2	20.4	47.5	146.3
1995	5.1	0.6	1.1	1.5	2.6	4.3	9.7	19.0	42.1	137.6
1994	4.9	0.8	0.8	1.6	2.3	4.6	8.1	18.2	43.6	131.6
1993	4.9	0.9	1.0	1.6	2.8	4.6	7.7	19.1	43.0	134.7
1992	4.8	0.8	1.2	1.7	2.4	4.5	7.9	18.4	43.0	133.8
1991	4.9	0.7	1.0	1.5	2.3	4.2	9.1	19.0	45.4	135.5
1990	4.7	0.8	1.0	2.0	2.9	4.6	8.5	21.4	41.5	132.2
1989	4.6	0.9	1.2	1.6	2.8	4.5	9.3	19.4	41.9	131.4
1988	4.6	0.7	1.2	1.5	2.5	4.7	9.1	19.4	44.4	132.4
1987	4.4	0.8	1.3	1.9	3.2	4.8	8.9	19.0	44.7	122.2
1986	4.4	0.7	1.4	1.5	2.9	4.5	9.4	19.7	43.0	123.5
1985	4.6	0.9	1.2	2.1	3.3	4.9	9.7	20.8	46.8	131.3
1984	4.7	1.3	1.6	1.9	3.2	4.9	10.6	22.3	49.4	136.0
1983	4.8	1.2	1.6	2.0	3.1	5.3	10.1	20.8	50.2	142.9
1982	4.8	1.3	1.6	2.1	3.4	5.3	10.4	22.7	52.4	143.1
1981	5.1	1.1	1.9	2.3	3.3	5.1	12.2	23.6	58.8	157.9
1980	5.4	1.4	1.8	2.5	4.3	5.7	11.4	27.2	61.1	171.4
1979	5.4	1.3	1.9	2.6	3.9	6.0	13.5	28.6	66.9	168.0
Falls (E880-E888)										
White, both sexes										
1998	6.6	2.3	2.4	3.3	4.5	7.4	13.6	27.0	60.7	172.5
1997	6.4	2.0	2.1	3.2	4.7	7.3	13.1	26.0	58.3	167.6
1996	6.2	1.9	2.5	3.1	4.9	6.8	12.8	25.6	57.3	167.2
1995	5.8	2.0	2.3	2.9	4.4	6.8	12.1	23.8	51.3	158.7
1994	5.7	1.7	2.1	3.0	4.3	6.3	11.6	24.2	54.2	153.5
1993	5.6	1.9	2.2	2.8	4.5	6.3	10.6	24.0	52.0	155.9
1992	5.4	1.8	2.4	3.1	4.3	6.7	10.9	23.0	52.6	151.6
1991	5.5	1.8	2.2	2.8	4.3	6.6	12.0	23.6	54.0	152.0
1990	5.3	1.9	2.3	3.1	4.9	6.9	11.6	24.8	49.7	149.3
1989	5.3	1.8	2.2	3.4	5.2	6.6	12.2	24.6	51.5	147.7
1988	5.3	1.8	2.8	3.3	4.4	6.9	12.6	24.0	51.4	150.4
1987	5.1	1.7	2.4	3.5	5.0	6.8	12.2	24.6	52.9	138.6
1986	5.1	1.9	2.9	3.4	4.6	6.8	12.1	24.1	52.2	141.6
1985	5.3	2.0	2.6	4.0	5.2	6.8	13.2	26.4	54.8	151.0
1984	5.4	1.9	2.9	3.6	5.1	7.7	13.4	27.5	56.5	155.2
1983	5.5	2.1	3.1	3.8	5.3	7.5	13.1	25.8	58.3	161.9
1982	5.5	2.2	3.3	3.7	5.7	7.9	13.0	28.2	60.8	161.7
1981	5.8	2.3	3.7	3.8	5.8	7.4	15.3	28.7	66.0	178.0
1980	6.2	2.7	3.6	4.8	6.6	8.8	15.7	32.9	68.6	188.6
1979	6.2	2.7	3.5	4.6	6.6	9.4	17.2	34.0	75.0	182.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Falls (E880-E888)										
White, male										
1998	6.5	3.6	3.5	5.2	6.4	9.9	16.9	34.0	76.4	202.8
1997	6.3	3.2	3.1	4.7	6.9	10.1	17.1	34.2	74.9	199.4
1996	6.1	3.1	3.6	4.8	7.5	9.7	17.0	31.7	70.3	200.7
1995	5.8	3.5	3.6	4.4	6.4	9.7	14.8	29.9	64.9	192.8
1994	5.7	2.8	3.4	4.6	6.6	8.2	15.7	31.4	69.5	191.9
1993	5.5	2.9	3.5	4.1	6.3	8.2	14.1	30.6	65.1	193.2
1992	5.4	2.8	3.8	4.6	6.3	9.3	14.7	29.3	66.9	182.5
1991	5.5	3.0	3.6	4.4	6.6	9.3	15.5	29.3	65.8	181.4
1990	5.4	3.0	3.8	4.3	7.3	9.7	15.7	28.8	63.5	179.5
1989	5.4	2.9	3.3	5.3	7.7	9.5	16.2	31.6	66.0	177.5
1988	5.5	3.1	4.6	5.2	6.6	9.3	16.9	30.4	61.6	183.4
1987	5.4	2.7	3.7	5.4	7.2	9.1	16.3	32.7	66.0	167.8
1986	5.4	3.2	4.4	5.5	6.9	9.3	15.6	30.0	65.5	172.4
1985	5.7	3.2	4.1	6.2	7.5	8.8	17.8	34.3	67.2	186.5
1984	5.6	2.8	4.3	5.6	7.2	11.1	17.0	34.6	66.2	189.2
1983	5.7	3.3	4.9	5.8	7.7	10.3	16.9	32.0	71.7	192.2
1982	5.8	3.2	5.1	5.6	8.2	11.1	16.2	35.9	73.0	190.2
1981	6.0	3.7	5.7	5.7	8.7	10.0	18.9	35.3	76.0	207.8
1980	6.5	4.1	5.6	7.5	9.2	12.6	21.6	41.1	77.6	208.8
1979	6.5	4.5	5.3	6.7	9.5	13.8	21.9	41.4	84.1	201.6
Falls (E880-E888)										
White, female										
1998	6.8	0.9	1.2	1.5	2.9	5.2	11.0	22.2	51.5	160.6
1997	6.4	0.9	1.2	1.7	2.7	4.9	10.0	20.2	48.8	155.2
1996	6.3	0.8	1.3	1.6	2.4	4.3	9.5	21.3	50.0	154.4
1995	5.8	0.6	1.0	1.6	2.6	4.2	10.0	19.6	43.7	145.7
1994	5.6	0.7	0.8	1.6	2.3	4.7	8.4	19.3	45.8	139.0
1993	5.6	0.9	1.0	1.6	3.0	4.8	7.9	19.7	44.9	141.8
1992	5.4	0.8	1.2	1.6	2.5	4.6	8.1	18.8	45.0	140.0
1991	5.5	0.7	0.9	1.4	2.3	4.4	9.4	19.8	47.7	141.0
1990	5.2	0.7	0.8	2.0	2.8	4.6	8.5	22.2	42.4	137.9
1989	5.1	0.8	1.1	1.6	2.9	4.3	9.3	20.1	43.9	136.4
1988	5.1	0.6	1.1	1.5	2.5	4.9	9.4	19.9	46.2	137.8
1987	4.9	0.7	1.1	1.9	3.2	4.9	9.2	19.6	46.1	127.2
1986	4.9	0.7	1.4	1.5	2.6	4.7	9.5	20.3	45.3	129.6
1985	5.0	0.8	1.1	2.0	3.2	5.2	9.8	21.4	48.3	137.1
1984	5.2	1.1	1.7	1.7	3.2	4.9	10.8	23.1	51.4	141.7
1983	5.2	1.0	1.4	1.9	3.1	5.3	10.4	22.0	51.2	149.7
1982	5.3	1.2	1.6	2.0	3.4	5.3	10.6	23.4	54.5	150.1
1981	5.6	1.0	1.8	2.1	3.2	5.3	12.7	24.6	60.8	165.4
1980	5.9	1.3	1.7	2.5	4.3	5.8	11.4	27.8	63.8	179.9
1979	5.9	1.1	1.8	2.7	4.0	5.9	13.8	29.4	70.2	174.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Falls (E880-E888)										
All other, both sexes										
1998	2.5	2.3	3.6	2.9	5.5	6.5	11.0	15.9	30.1	75.8
1997	2.4	2.5	3.2	2.7	4.4	6.0	10.4	16.9	29.0	73.1
1996	2.4	3.0	3.3	3.6	5.0	7.0	9.5	16.0	26.0	68.5
1995	2.5	2.5	2.6	3.4	4.8	7.6	10.9	16.6	32.2	60.9
1994	2.5	2.6	2.9	4.1	6.4	5.7	7.9	14.0	32.8	62.5
1993	2.6	2.3	2.7	4.3	4.8	7.3	10.6	17.1	28.8	68.3
1992	2.6	3.3	3.1	4.8	5.2	6.2	10.1	18.4	26.0	73.2
1991	2.7	3.1	3.5	5.3	4.3	5.9	9.7	13.3	28.4	80.4
1990	3.0	3.4	4.5	4.4	6.6	7.2	11.3	16.8	36.5	76.8
1989	3.0	4.3	5.0	4.1	5.8	9.3	12.2	17.2	28.1	77.0
1988	3.2	2.9	4.8	5.3	6.2	8.3	10.6	20.0	34.1	76.6
1987	3.2	4.0	3.6	5.7	7.7	7.0	12.7	18.1	36.0	73.3
1986	2.9	3.7	4.1	5.5	6.9	6.7	11.4	15.1	26.6	65.4
1985	3.4	4.0	4.4	6.5	7.1	8.0	13.9	19.0	37.0	74.9
1984	3.2	4.6	4.5	6.7	6.9	8.3	12.3	15.4	31.5	77.0
1983	3.3	4.8	5.7	6.0	7.5	9.1	13.0	13.8	43.1	67.8
1982	3.4	5.1	5.4	7.2	7.4	8.2	12.3	21.8	35.7	69.5
1981	3.7	5.1	7.2	7.0	10.2	9.0	12.3	18.9	40.2	75.3
1980	4.0	6.7	7.9	6.6	9.9	9.7	14.7	23.7	39.3	78.0
1979	3.9	6.1	7.6	6.5	7.8	10.5	15.4	22.7	30.4	83.3
Falls (E880-E888)										
All other, male										
1998	3.3	4.3	7.0	5.3	9.0	9.8	16.9	18.0	39.9	108.5
1997	3.2	4.8	5.3	4.5	7.5	9.6	12.9	22.4	36.5	104.3
1996	3.2	5.4	6.3	6.5	7.8	12.6	14.0	21.1	31.2	80.5
1995	3.3	4.7	4.1	6.3	7.4	11.8	16.4	20.8	44.7	78.3
1994	3.5	4.4	5.5	7.3	11.6	8.0	12.0	23.3	52.7	83.8
1993	3.5	3.9	5.1	7.0	8.8	12.0	17.2	21.8	37.8	92.1
1992	3.3	5.5	5.0	7.8	9.5	9.7	15.5	24.2	32.3	88.8
1991	3.6	5.7	5.7	9.2	7.6	10.5	13.4	15.8	41.0	92.8
1990	3.9	5.6	7.8	7.8	10.8	10.4	15.7	22.3	44.5	94.6
1989	4.2	7.5	9.1	7.3	11.1	13.2	16.1	24.3	42.1	77.8
1988	4.4	5.2	8.7	9.7	11.3	15.4	15.8	28.8	48.7	87.3
1987	4.5	7.0	5.3	10.6	12.8	11.9	21.2	25.6	47.3	90.9
1986	4.2	6.9	7.0	10.2	9.3	11.7	14.8	18.1	41.7	90.7
1985	4.8	7.0	7.7	10.9	11.0	15.3	20.3	25.7	49.0	97.3
1984	4.3	7.3	8.6	11.5	11.4	12.9	17.2	17.3	40.6	91.7
1983	4.6	7.7	9.2	10.2	13.3	14.5	20.1	20.8	50.5	76.8
1982	4.8	8.8	10.5	12.6	12.2	11.9	17.3	30.4	48.9	88.1
1981	5.4	8.8	12.9	11.2	17.7	15.9	19.1	26.3	51.6	90.6
1980	5.9	12.0	14.4	11.2	17.2	16.3	19.6	28.5	58.5	97.1
1979	5.6	10.5	14.6	12.3	13.3	15.5	22.3	25.5	37.2	76.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Falls (E880-E888)										
All other, female										
1998	1.8	*	*	*	2.6	4.0	7.0	14.6	25.0	62.2
1997	1.8	*	*	*	*	3.4	8.6	13.5	25.0	59.9
1996	1.7	*	*	*	2.8	2.9	6.5	12.7	23.2	63.5
1995	1.7	*	*	*	2.7	4.4	7.2	14.0	25.6	53.4
1994	1.6	*	*	*	*	3.9	5.1	8.2	22.1	53.4
1993	1.7	*	*	*	*	3.8	6.1	14.2	23.9	58.0
1992	1.9	*	*	*	*	3.6	6.3	14.8	22.5	66.4
1991	1.9	*	*	*	*	*	7.2	11.7	21.4	74.9
1990	2.1	*	*	*	3.4	4.8	8.3	13.3	31.9	68.7
1989	2.0	*	*	*	*	6.4	9.5	12.7	20.3	76.1
1988	2.0	*	*	*	*	*	7.0	14.4	25.5	71.6
1987	2.0	*	*	*	3.7	*	6.9	13.4	29.6	65.0
1986	1.8	*	*	*	5.0	*	9.0	13.3	18.0	53.2
1985	2.1	*	*	2.9	4.0	*	9.4	14.6	30.0	64.0
1984	2.1	*	*	2.8	3.3	4.8	8.9	14.1	26.2	69.7
1983	2.2	*	2.9	*	*	5.1	8.0	9.2	38.8	63.3
1982	2.2	*	*	*	3.5	5.3	8.7	16.1	28.0	60.2
1981	2.1	*	2.7	3.6	4.1	3.9	7.2	13.8	33.3	66.9
1980	2.3	*	2.7	*	4.1	4.6	11.1	20.5	27.5	68.3
1979	2.5	*	*	*	*	6.6	10.1	20.5	26.1	87.7
Falls (E880-E888)										
Black, both sexes										
1998	2.6	2.9	4.1	3.7	5.7	6.4	11.0	15.7	25.7	67.1
1997	2.5	2.7	3.5	2.8	4.3	6.5	9.8	15.5	25.8	64.1
1996	2.6	3.7	4.2	3.8	6.2	7.4	9.5	15.5	23.0	60.1
1995	2.6	2.9	2.9	3.6	5.3	7.5	11.8	16.0	29.6	53.5
1994	2.6	3.2	3.5	4.6	7.6	6.1	7.5	12.4	30.7	53.1
1993	2.8	2.8	3.5	4.5	5.3	7.4	10.5	17.2	25.8	62.2
1992	2.7	3.9	3.5	5.8	5.8	7.0	9.2	18.2	22.5	64.4
1991	3.0	3.6	4.4	6.0	4.2	6.8	10.1	14.0	25.8	76.4
1990	3.3	4.3	5.4	5.2	7.9	7.6	11.1	16.3	33.3	71.4
1989	3.3	4.7	5.8	4.7	6.9	10.6	12.3	17.3	25.9	73.6
1988	3.4	3.5	5.8	6.1	6.7	8.5	10.7	19.2	30.5	70.1
1987	3.5	5.2	4.2	6.2	8.1	7.0	12.5	18.1	32.7	69.7
1986	3.2	4.6	4.6	5.9	7.8	6.8	12.7	14.6	26.7	54.7
1985	3.7	4.9	5.1	7.4	8.1	8.4	14.2	18.3	36.7	67.7
1984	3.5	5.4	5.5	7.9	7.9	7.9	12.9	15.9	31.8	71.6
1983	3.7	5.1	6.0	7.0	8.4	9.7	13.2	13.7	44.1	65.2
1982	3.7	5.9	5.9	8.2	7.9	8.5	12.3	22.5	35.8	69.3
1981	4.0	6.0	8.1	7.8	11.1	9.7	12.0	17.9	39.2	73.8
1980	4.2	7.9	8.8	6.7	10.7	9.9	14.5	23.5	36.5	72.3
1979	4.2	7.0	8.3	6.9	7.7	11.0	16.3	22.7	32.8	81.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Falls (E880-E888)										
Black, male										
1998	3.4	5.2	7.8	6.9	9.4	10.6	17.0	15.8	36.1	95.7
1997	3.3	5.4	6.3	4.9	7.4	10.6	11.3	22.5	33.7	88.6
1996	3.5	6.8	8.3	6.9	10.0	12.9	15.1	21.7	25.9	75.3
1995	3.4	5.4	4.7	6.6	8.5	12.0	18.9	19.3	41.1	64.2
1994	3.6	5.6	6.8	8.3	13.7	8.7	10.2	22.1	47.8	63.8
1993	3.8	4.8	6.5	7.2	9.8	13.2	16.4	23.7	32.4	85.8
1992	3.5	6.3	5.9	9.5	10.8	11.2	13.4	26.0	29.4	72.9
1991	4.0	6.5	7.3	10.3	7.5	12.1	15.6	16.2	32.9	87.0
1990	4.4	7.4	9.4	8.9	13.2	11.4	16.6	21.8	35.6	78.5
1989	4.6	8.4	10.9	8.7	12.9	16.2	15.1	25.3	40.2	72.7
1988	4.8	6.3	10.3	11.2	12.7	16.2	16.0	29.9	42.6	72.3
1987	5.1	9.3	6.1	11.9	13.9	11.8	22.1	25.1	43.5	87.5
1986	4.6	8.6	8.0	11.8	10.8	12.0	16.9	18.0	41.1	76.2
1985	5.3	8.6	8.8	13.1	13.1	16.5	21.5	23.5	51.7	87.1
1984	4.8	8.7	10.3	13.7	13.0	13.1	17.1	18.0	40.5	88.5
1983	5.0	8.5	9.5	11.8	14.6	15.5	20.1	20.6	53.7	76.7
1982	5.2	10.2	11.3	14.7	12.8	12.6	17.8	31.1	47.5	81.0
1981	5.8	10.3	14.8	12.5	19.6	17.1	19.7	24.7	48.1	87.5
1980	6.2	14.3	16.0	11.8	18.4	16.8	18.8	28.1	53.3	86.8
1979	5.9	11.8	16.0	12.9	13.2	17.2	24.8	25.5	40.3	71.2
Falls (E880-E888)										
Black, female										
1998	1.9	*	*	*	*	*	7.1	15.6	20.6	56.4
1997	1.8	*	*	*	*	*	8.9	11.2	22.0	54.8
1996	1.8	*	*	*	*	*	5.9	11.8	21.6	54.3
1995	1.9	*	*	*	*	4.2	7.1	14.0	24.1	49.3
1994	1.7	*	*	*	*	4.1	5.7	6.7	22.2	48.9
1993	1.8	*	*	*	*	*	6.5	13.4	22.4	52.9
1992	2.0	*	*	*	*	4.0	6.4	13.7	18.9	61.0
1991	2.1	*	*	*	*	*	6.5	12.7	22.3	72.1
1990	2.3	*	*	*	4.0	4.8	7.5	13.1	32.1	68.4
1989	2.2	*	*	*	*	6.5	10.5	12.6	18.4	74.5
1988	2.2	*	*	*	*	*	7.1	12.8	24.2	69.1
1987	2.1	*	*	*	3.7	*	6.1	13.8	26.9	61.8
1986	1.9	*	*	*	5.5	*	9.8	12.5	18.8	44.9
1985	2.2	*	*	*	4.3	*	9.4	15.0	28.5	58.6
1984	2.2	*	*	*	4.0	*	10.1	14.7	27.0	63.6
1983	2.4	*	3.2	*	*	5.5	8.6	9.3	38.6	59.7
1982	2.4	*	*	*	3.9	5.5	8.5	17.1	29.0	63.6
1981	2.3	*	*	4.0	4.4	*	6.7	13.5	34.1	66.4
1980	2.5	*	*	*	4.5	4.7	11.5	20.4	26.4	65.1
1979	2.7	*	*	*	*	6.4	10.2	20.8	28.2	86.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental discharge of firearms (E922)										
All races, both sexes										
1998	0.3	0.2	0.2	0.3	0.2	*	*	*	*	*
1997	0.4	0.3	0.3	0.3	*	0.3	0.2	*	*	*
1996	0.4	0.4	0.2	0.3	0.3	0.2	0.4	*	*	*
1995	0.5	0.3	0.3	0.3	0.3	0.3	0.3	*	*	*
1994	0.5	0.3	0.3	0.2	0.2	0.2	0.3	0.3	*	*
1993	0.6	0.5	0.3	0.3	0.2	0.3	0.3	0.4	*	*
1992	0.5	0.3	0.3	0.4	0.3	0.2	0.4	*	*	*
1991	0.6	0.4	0.4	0.4	0.3	0.3	0.3	*	0.6	*
1990	0.6	0.3	0.3	0.4	0.3	0.2	0.3	0.4	*	*
1989	0.6	0.5	0.3	0.4	0.3	0.4	0.3	0.4	*	*
1988	0.6	0.4	0.4	0.3	0.3	0.4	0.3	0.4	*	*
1987	0.6	0.5	0.5	0.4	0.4	0.2	0.4	0.4	*	*
1986	0.6	0.5	0.5	0.3	0.5	0.4	0.4	0.4	*	*
1985	0.7	0.6	0.5	0.5	0.5	0.3	0.5	*	*	*
1984	0.7	0.7	0.5	0.4	0.4	0.5	0.5	*	*	*
1983	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.6	*	*
1982	0.8	0.5	0.5	0.6	0.4	0.4	0.6	*	*	*
1981	0.8	0.7	0.6	0.6	0.6	0.4	0.4	*	*	*
1980	0.9	0.7	0.4	0.5	0.4	0.5	0.3	0.4	*	*
1979	0.9	0.7	0.8	0.6	0.6	0.6	0.4	0.4	*	*
Accidental discharge of firearms (E922)										
All races, male										
1998	0.6	0.4	0.3	0.6	0.4	*	*	*	*	*
1997	0.6	0.4	0.5	0.6	*	0.5	*	*	*	*
1996	0.8	0.6	0.4	0.5	0.6	*	0.9	*	*	*
1995	0.8	0.5	0.4	0.5	0.4	0.5	0.6	*	*	*
1994	0.9	0.6	0.5	0.4	0.5	0.5	*	0.8	*	*
1993	1.0	0.8	0.5	0.6	0.5	0.5	0.5	0.9	*	*
1992	1.0	0.6	0.6	0.7	0.5	*	0.7	*	*	*
1991	1.1	0.8	0.6	0.8	0.5	0.6	*	*	1.6	*
1990	1.0	0.5	0.5	0.8	0.5	0.4	0.6	*	*	*
1989	1.1	0.9	0.5	0.8	0.5	0.9	0.6	0.8	*	*
1988	1.1	0.8	0.8	0.6	0.5	0.9	*	*	*	*
1987	1.1	0.8	0.8	0.8	0.7	0.5	0.8	0.9	*	*
1986	1.1	0.8	0.8	0.6	0.8	0.7	0.8	1.0	*	*
1985	1.2	1.1	0.9	0.9	0.9	0.6	1.2	*	*	*
1984	1.3	1.3	1.0	0.8	0.8	1.0	1.2	*	*	*
1983	1.3	1.1	1.1	0.9	0.7	0.8	0.8	1.3	*	*
1982	1.4	1.0	0.9	1.1	0.7	0.8	1.3	*	*	*
1981	1.4	1.2	1.2	1.1	1.1	0.7	0.8	*	*	*
1980	1.5	1.2	0.7	0.9	0.8	0.9	0.7	1.1	*	*
1979	1.6	1.1	1.3	1.0	1.1	1.2	0.8	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental discharge of firearms (E922)										
All races, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.3	0.4	*	*	*	*	*	*	*	*
Accidental discharge of firearms (E922)										
White, both sexes										
1998	0.3	0.2	0.2	0.3	0.2	*	*	*	*	*
1997	0.3	0.3	0.3	0.3	*	0.3	*	*	*	*
1996	0.4	0.4	0.2	0.3	0.3	*	0.5	*	*	*
1995	0.4	0.3	0.3	0.3	*	0.3	0.3	*	*	*
1994	0.5	0.3	0.3	*	0.2	0.3	*	0.4	*	*
1993	0.5	0.5	0.3	0.3	0.2	0.3	0.3	0.4	*	*
1992	0.5	0.4	0.3	0.4	0.3	*	0.4	*	*	*
1991	0.5	0.5	0.4	0.5	0.3	0.4	0.3	*	0.5	*
1990	0.5	0.2	0.3	0.4	0.2	0.2	0.3	0.4	*	*
1989	0.6	0.5	0.3	0.4	0.3	0.4	0.3	0.4	*	*
1988	0.6	0.4	0.4	0.3	0.3	0.4	*	*	*	*
1987	0.6	0.4	0.4	0.4	0.4	0.2	0.3	0.4	*	*
1986	0.6	0.5	0.5	0.3	0.5	0.4	0.4	0.4	*	*
1985	0.7	0.5	0.5	0.5	0.5	0.3	0.6	*	*	*
1984	0.7	0.7	0.5	0.4	0.4	0.5	0.6	*	*	*
1983	0.7	0.6	0.6	0.4	0.4	0.5	0.4	0.6	*	*
1982	0.7	0.5	0.5	0.6	0.4	0.4	0.6	*	*	*
1981	0.8	0.7	0.6	0.6	0.5	0.3	0.4	*	*	*
1980	0.8	0.7	0.4	0.5	0.4	0.4	*	*	*	*
1979	0.8	0.7	0.7	0.5	0.5	0.6	0.4	0.5	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental discharge of firearms (E922)										
White, male										
1998	0.5	0.4	0.3	0.7	*	*	*	*	*	*
1997	0.6	0.5	0.5	0.6	*	*	*	*	*	*
1996	0.7	0.6	0.4	0.5	0.6	*	0.9	*	*	*
1995	0.7	0.5	0.5	0.5	*	0.5	0.6	*	*	*
1994	0.8	0.6	0.5	*	0.5	0.5	*	0.9	*	*
1993	0.9	0.8	0.5	0.5	0.5	0.5	0.6	0.9	*	*
1992	0.9	0.6	0.5	0.7	0.6	*	0.7	*	*	*
1991	1.0	0.8	0.6	0.9	0.5	0.7	*	*	1.6	*
1990	1.0	0.5	0.6	0.8	*	*	*	*	*	*
1989	1.0	0.9	0.6	0.7	0.5	0.9	*	*	*	*
1988	1.0	0.8	0.8	0.6	0.5	0.9	*	*	*	*
1987	1.0	0.7	0.8	0.8	0.7	0.5	0.7	1.0	*	*
1986	1.1	0.9	0.9	0.6	0.8	0.7	0.8	1.1	*	*
1985	1.2	1.0	0.8	0.9	0.9	0.5	1.3	*	*	*
1984	1.3	1.3	1.0	0.8	0.8	1.0	1.2	*	*	*
1983	1.2	1.0	1.1	0.8	0.7	0.8	0.8	1.4	*	*
1982	1.3	0.9	0.9	1.1	0.7	0.8	1.1	*	*	*
1981	1.4	1.1	1.2	1.1	1.1	0.7	0.8	*	*	*
1980	1.4	1.1	0.7	1.0	0.8	0.8	*	*	*	*
1979	1.5	1.1	1.2	0.8	1.1	1.3	*	*	*	*
Accidental discharge of firearms (E922)										
White, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental discharge of firearms (E922)										
All other, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.6	*	*	*	*	*	*	*	*	*
1994	0.8	*	*	*	*	*	*	*	*	*
1993	0.9	*	*	*	*	*	*	*	*	*
1992	0.8	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	0.9	*	*	*	*	*	*	*	*	*
1988	0.8	*	*	*	*	*	*	*	*	*
1987	0.8	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.8	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.9	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	1.1	*	*	*	*	*	*	*	*	*
1980	1.2	*	*	*	*	*	*	*	*	*
1979	1.3	*	*	*	*	*	*	*	*	*
Accidental discharge of firearms (E922)										
All other, male										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.8	*	*	*	*	*	*	*	*	*
1996	1.1	*	*	*	*	*	*	*	*	*
1995	1.2	*	*	*	*	*	*	*	*	*
1994	1.5	*	*	*	*	*	*	*	*	*
1993	1.7	*	*	*	*	*	*	*	*	*
1992	1.5	*	*	*	*	*	*	*	*	*
1991	1.6	*	*	*	*	*	*	*	*	*
1990	1.4	*	*	*	*	*	*	*	*	*
1989	1.6	*	*	*	*	*	*	*	*	*
1988	1.4	*	*	*	*	*	*	*	*	*
1987	1.4	*	*	*	*	*	*	*	*	*
1986	1.1	*	*	*	*	*	*	*	*	*
1985	1.5	*	*	*	*	*	*	*	*	*
1984	1.4	*	*	*	*	*	*	*	*	*
1983	1.6	*	*	*	*	*	*	*	*	*
1982	1.6	*	*	*	*	*	*	*	*	*
1981	1.8	*	*	*	*	*	*	*	*	*
1980	2.1	*	*	*	*	*	*	*	*	*
1979	2.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental discharge of firearms (E922)										
All other, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Accidental discharge of firearms (E922)										
Black, both sexes										
1998	0.5	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.7	*	*	*	*	*	*	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.9	*	*	*	*	*	*	*	*	*
1993	1.1	*	*	*	*	*	*	*	*	*
1992	0.9	*	*	*	*	*	*	*	*	*
1991	0.9	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	0.9	*	*	*	*	*	*	*	*	*
1988	0.9	*	*	*	*	*	*	*	*	*
1987	0.8	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.9	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.9	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	1.1	*	*	*	*	*	*	*	*	*
1980	1.3	*	*	*	*	*	*	*	*	*
1979	1.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental discharge of firearms (E922)										
Black, male										
1998	0.9	*	*	*	*	*	*	*	*	*
1997	0.9	*	*	*	*	*	*	*	*	*
1996	1.3	*	*	*	*	*	*	*	*	*
1995	1.4	*	*	*	*	*	*	*	*	*
1994	1.7	*	*	*	*	*	*	*	*	*
1993	2.0	*	*	*	*	*	*	*	*	*
1992	1.8	*	*	*	*	*	*	*	*	*
1991	1.8	*	*	*	*	*	*	*	*	*
1990	1.5	*	*	*	*	*	*	*	*	*
1989	1.7	*	*	*	*	*	*	*	*	*
1988	1.6	*	*	*	*	*	*	*	*	*
1987	1.5	*	*	*	*	*	*	*	*	*
1986	1.3	*	*	*	*	*	*	*	*	*
1985	1.6	*	*	*	*	*	*	*	*	*
1984	1.5	*	*	*	*	*	*	*	*	*
1983	1.6	*	*	*	*	*	*	*	*	*
1982	1.6	*	*	*	*	*	*	*	*	*
1981	1.9	*	*	*	*	*	*	*	*	*
1980	2.2	*	*	*	*	*	*	*	*	*
1979	2.3	*	*	*	*	*	*	*	*	*
Accidental discharge of firearms (E922)										
Black, female										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental drowning and submersion (E910)										
All races, both sexes										
1998	1.4	1.2	1.0	0.9	0.9	1.0	1.2	1.4	1.7	1.8
1997	1.3	1.0	0.9	0.9	1.1	0.8	1.1	1.3	1.7	1.7
1996	1.3	0.9	1.0	0.8	0.7	1.0	1.0	1.2	1.4	1.8
1995	1.4	1.0	0.9	1.1	1.1	0.9	1.0	1.2	1.5	1.8
1994	1.3	0.9	0.8	0.9	0.9	0.8	0.8	1.5	2.0	1.8
1993	1.5	1.0	0.8	1.0	0.9	1.0	1.1	1.0	1.8	2.0
1992	1.4	0.8	1.0	0.9	0.9	1.0	1.0	1.2	1.6	2.1
1991	1.6	1.0	0.8	1.1	1.1	0.9	1.2	1.3	1.3	1.9
1990	1.6	1.0	0.9	0.9	1.1	1.1	1.2	1.3	1.7	2.2
1989	1.6	1.1	0.9	1.0	0.8	1.3	1.1	1.5	1.9	2.3
1988	1.7	1.1	1.0	1.0	1.1	0.9	1.2	1.7	1.6	2.6
1987	1.8	1.1	0.8	1.2	1.1	1.0	1.3	1.4	1.4	1.9
1986	2.0	1.2	1.2	0.9	1.2	1.0	1.4	1.7	2.3	2.3
1985	1.9	1.1	0.9	0.9	1.1	1.3	1.3	1.2	2.2	2.1
1984	1.9	1.3	1.1	1.3	1.3	1.1	1.4	1.7	2.5	2.1
1983	2.2	1.3	1.5	1.4	1.1	1.1	1.3	1.5	1.8	2.3
1982	2.3	1.5	1.4	1.2	1.3	1.4	1.4	1.7	2.1	2.1
1981	2.3	1.4	1.4	1.4	1.1	1.4	1.2	1.5	1.6	2.1
1980	2.7	1.5	1.4	1.6	1.3	1.6	1.6	1.6	2.4	2.5
1979	2.5	1.5	1.3	1.4	1.4	1.4	1.5	1.9	2.1	3.0
Accidental drowning and submersion (E910)										
All races, male										
1998	2.3	1.9	1.7	1.5	1.4	1.5	1.9	2.5	2.7	3.7
1997	2.1	1.7	1.5	1.4	1.9	1.3	1.9	1.8	3.1	3.0
1996	2.1	1.6	1.6	1.4	1.2	1.7	1.7	2.1	2.1	3.9
1995	2.3	1.7	1.7	1.9	1.8	1.5	1.7	1.9	2.4	4.2
1994	2.1	1.5	1.4	1.4	1.5	1.3	1.1	2.3	3.1	3.5
1993	2.4	1.7	1.4	1.7	1.6	1.5	1.6	1.5	3.3	3.8
1992	2.2	1.5	1.7	1.5	1.4	1.6	1.9	1.9	2.7	3.8
1991	2.6	1.8	1.4	2.0	1.8	1.6	2.3	2.1	2.2	4.3
1990	2.6	1.6	1.6	1.6	1.9	1.8	2.1	1.9	2.4	4.8
1989	2.7	1.9	1.5	1.6	1.5	2.3	1.8	2.5	3.0	5.1
1988	2.8	1.8	1.6	1.6	1.7	1.4	1.9	2.9	3.3	4.6
1987	3.0	2.0	1.5	1.9	1.9	1.6	2.3	2.0	2.5	3.5
1986	3.3	1.9	2.1	1.6	1.6	1.6	2.4	2.9	3.1	4.2
1985	3.1	1.9	1.5	1.4	1.9	2.1	1.9	1.9	4.0	3.3
1984	3.1	2.2	1.9	2.1	2.0	1.7	2.3	2.7	4.4	3.9
1983	3.8	2.3	2.6	2.3	2.0	2.1	1.9	2.4	3.6	4.2
1982	3.8	2.7	2.3	1.9	2.1	2.3	2.4	2.9	3.5	3.8
1981	3.9	2.3	2.3	2.4	2.0	2.4	2.2	2.4	2.3	3.3
1980	4.6	2.5	2.4	2.8	2.2	2.5	2.9	2.9	4.5	4.7
1979	4.3	2.6	2.1	2.4	2.6	2.6	2.6	3.5	3.3	6.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental drowning and submersion (E910)										
All races, female										
1998	0.6	0.4	0.3	0.4	0.4	0.6	0.6	0.7	1.1	1.0
1997	0.5	0.4	0.4	*	0.4	0.4	0.5	1.0	0.8	1.2
1996	0.5	0.2	0.4	*	*	*	0.4	0.7	1.0	1.0
1995	0.6	0.4	*	0.4	0.4	0.4	0.5	0.8	1.0	0.8
1994	0.5	0.4	0.3	*	*	*	0.5	0.9	1.4	1.1
1993	0.6	0.4	*	0.4	*	0.6	0.7	0.6	0.9	1.4
1992	0.6	*	0.3	0.4	0.4	0.5	0.4	0.7	1.0	1.4
1991	0.6	0.3	0.3	*	0.5	*	*	0.7	0.9	1.0
1990	0.6	0.4	*	*	0.4	0.5	0.6	0.9	1.4	1.2
1989	0.6	0.3	0.4	0.4	*	0.6	0.7	0.9	1.3	1.3
1988	0.7	0.3	0.4	0.4	0.5	0.5	0.7	1.0	*	1.9
1987	0.7	*	*	0.5	0.3	0.5	0.5	1.0	0.9	1.3
1986	0.7	0.5	0.4	*	0.8	0.5	0.8	1.0	1.8	1.5
1985	0.7	0.4	*	0.4	0.4	0.6	0.8	0.7	1.2	1.6
1984	0.7	0.5	0.5	0.5	0.6	0.7	0.8	1.1	1.5	1.4
1983	0.8	0.4	0.5	0.6	0.4	*	0.8	0.9	*	1.5
1982	0.8	0.5	0.6	0.7	0.6	0.6	0.7	0.9	1.3	1.3
1981	0.7	0.5	0.5	0.5	0.4	0.5	*	0.9	1.3	1.6
1980	0.9	0.5	0.5	0.5	0.5	0.8	0.7	0.7	1.3	1.5
1979	0.9	0.5	0.6	0.4	0.4	0.5	0.7	0.9	1.4	1.6
Accidental drowning and submersion (E910)										
White, both sexes										
1998	1.3	1.1	0.9	0.8	0.8	1.0	1.1	1.4	1.6	1.8
1997	1.2	1.1	0.9	0.8	1.0	0.7	1.1	1.3	1.7	1.7
1996	1.2	0.8	0.9	0.8	0.6	0.9	0.9	1.1	1.3	1.8
1995	1.3	0.9	0.9	1.0	1.0	0.8	0.9	1.2	1.2	1.8
1994	1.2	0.9	0.7	0.8	0.8	0.7	0.7	1.4	1.9	1.6
1993	1.3	1.0	0.7	1.0	0.9	0.8	1.1	1.0	1.7	1.9
1992	1.3	0.8	1.0	0.8	0.8	0.9	1.0	1.2	1.6	2.1
1991	1.4	0.9	0.7	1.0	1.0	0.7	1.1	1.2	1.2	1.9
1990	1.4	0.9	0.7	0.9	1.0	1.0	1.2	1.3	1.7	2.0
1989	1.5	1.0	0.8	0.8	0.8	1.2	1.2	1.4	2.0	2.1
1988	1.5	0.9	0.9	1.0	1.0	0.8	1.1	1.7	1.6	2.7
1987	1.6	0.9	0.8	1.1	0.9	1.0	1.2	1.3	1.5	1.9
1986	1.8	1.0	1.0	0.8	1.1	0.9	1.4	1.7	2.3	2.1
1985	1.6	1.0	0.8	0.8	1.0	1.3	1.2	1.2	2.1	2.1
1984	1.7	1.2	1.1	1.2	1.2	1.0	1.4	1.7	2.5	2.0
1983	2.0	1.2	1.4	1.3	1.0	1.0	1.1	1.5	1.8	2.3
1982	2.0	1.3	1.3	1.1	1.2	1.2	1.4	1.7	2.2	1.9
1981	2.0	1.2	1.3	1.3	1.0	1.4	1.1	1.4	1.5	2.3
1980	2.4	1.3	1.2	1.4	1.2	1.5	1.5	1.4	2.3	2.3
1979	2.2	1.5	1.1	1.3	1.3	1.4	1.4	1.8	2.0	2.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental drowning and submersion (E910)										
White, male										
1998	2.1	1.9	1.4	1.4	1.1	1.5	1.7	2.4	2.6	3.9
1997	1.9	1.7	1.4	1.4	1.7	1.2	1.8	1.8	3.1	2.8
1996	1.9	1.4	1.4	1.3	1.0	1.5	1.6	1.9	2.0	3.9
1995	2.1	1.5	1.6	1.7	1.6	1.1	1.6	1.9	1.9	4.3
1994	1.8	1.4	1.1	1.4	1.4	1.2	1.0	2.3	3.2	3.6
1993	2.1	1.6	1.3	1.7	1.5	1.3	1.7	1.5	3.2	3.6
1992	2.0	1.3	1.6	1.2	1.4	1.4	1.8	1.8	2.7	4.1
1991	2.3	1.5	1.2	1.8	1.7	1.2	2.0	2.0	2.0	4.3
1990	2.3	1.4	1.4	1.5	1.7	1.7	2.1	1.9	2.3	4.6
1989	2.4	1.7	1.2	1.4	1.4	2.1	1.8	2.3	3.2	4.7
1988	2.5	1.6	1.4	1.6	1.6	1.3	1.8	2.7	3.1	4.8
1987	2.6	1.6	1.5	1.7	1.6	1.5	2.2	1.8	2.5	3.5
1986	2.9	1.6	1.8	1.4	1.5	1.3	2.4	2.8	2.9	4.4
1985	2.7	1.7	1.3	1.3	1.6	2.1	1.7	1.9	4.0	3.3
1984	2.7	1.9	1.8	1.9	1.9	1.6	2.2	2.7	4.5	3.9
1983	3.4	2.0	2.2	2.1	1.8	1.8	1.5	2.3	3.6	4.4
1982	3.3	2.3	2.1	1.7	1.8	2.0	2.4	2.9	3.7	3.2
1981	3.4	1.9	2.1	2.2	1.7	2.4	2.1	2.2	2.2	3.6
1980	4.0	2.2	2.0	2.6	1.8	2.4	2.7	2.5	4.5	4.5
1979	3.7	2.4	1.6	2.3	2.3	2.5	2.4	3.2	3.4	5.7
Accidental drowning and submersion (E910)										
White, female										
1998	0.6	0.3	0.3	*	0.5	0.6	0.5	0.7	1.0	1.0
1997	0.5	0.4	0.4	*	0.4	*	0.5	1.0	0.9	1.2
1996	0.5	0.3	0.4	*	*	*	*	0.6	0.9	1.0
1995	0.5	0.3	*	0.4	*	0.5	*	0.8	0.9	0.8
1994	0.5	0.4	*	*	*	*	0.4	0.8	1.2	0.9
1993	0.5	0.3	*	*	*	0.5	0.6	0.6	0.8	1.3
1992	0.5	*	*	0.4	*	*	*	0.7	1.0	1.3
1991	0.5	0.4	*	*	0.5	*	*	0.6	*	1.0
1990	0.6	0.4	*	*	*	0.5	*	1.0	1.4	1.0
1989	0.6	*	0.4	*	*	0.5	0.7	0.9	1.4	1.2
1988	0.6	*	*	0.4	0.5	0.5	0.7	1.0	*	1.9
1987	0.6	*	*	0.5	*	0.5	0.5	1.0	1.0	1.2
1986	0.7	0.5	*	*	0.7	0.6	0.7	1.0	1.9	1.2
1985	0.6	*	*	*	0.4	0.7	0.8	0.7	1.1	1.6
1984	0.7	0.5	*	0.5	0.6	0.6	0.9	1.1	1.5	1.3
1983	0.7	*	0.6	0.6	*	*	0.9	1.0	*	1.5
1982	0.8	0.4	0.6	0.6	0.6	0.5	0.6	0.9	1.4	1.3
1981	0.7	0.5	0.6	0.5	*	0.6	*	0.9	1.2	1.7
1980	0.8	0.5	0.5	0.4	0.6	0.8	0.7	0.7	*	1.4
1979	0.8	0.5	0.6	0.4	*	0.5	0.7	1.0	1.3	1.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental drowning and submersion (E910)										
All other, both sexes										
1998	1.9	1.3	1.6	1.3	1.4	*	*	*	*	*
1997	1.7	0.9	1.0	1.2	1.4	*	*	*	*	*
1996	1.9	1.4	1.6	1.2	*	1.7	*	*	*	*
1995	1.9	1.6	*	1.5	1.5	1.8	*	*	*	*
1994	2.0	1.2	1.6	*	*	*	*	*	*	*
1993	2.1	1.4	*	*	*	2.0	*	*	*	*
1992	2.0	1.3	1.3	1.6	*	2.1	*	*	*	*
1991	2.5	1.7	1.5	1.9	1.7	2.5	*	*	*	*
1990	2.4	1.5	1.8	*	1.8	1.8	*	*	*	*
1989	2.5	1.8	1.8	1.9	*	2.3	*	*	*	*
1988	2.6	1.8	1.3	*	*	*	*	*	*	*
1987	3.0	2.3	*	1.9	2.3	*	*	*	*	*
1986	3.3	2.1	2.5	1.5	1.8	*	*	*	*	*
1985	3.0	2.0	1.6	1.5	2.1	*	*	*	*	*
1984	3.1	2.3	1.8	2.0	*	*	*	*	*	*
1983	3.5	2.2	2.6	1.9	1.8	2.2	*	*	*	*
1982	3.7	3.0	2.5	2.1	2.5	3.2	*	*	*	*
1981	3.9	2.5	1.8	2.2	2.5	*	*	*	*	*
1980	4.5	2.9	2.6	2.5	2.6	2.4	*	*	*	*
1979	4.5	2.1	3.2	1.9	2.8	*	*	*	*	*
Accidental drowning and submersion (E910)										
All other, male										
1998	3.4	2.1	3.3	*	*	*	*	*	*	*
1997	2.9	1.7	*	*	*	*	*	*	*	*
1996	3.2	2.8	3.0	*	*	*	*	*	*	*
1995	3.3	2.7	*	3.1	*	4.1	*	*	*	*
1994	3.4	2.3	3.1	*	*	*	*	*	*	*
1993	3.7	2.5	*	*	*	*	*	*	*	*
1992	3.3	2.7	*	3.3	*	*	*	*	*	*
1991	4.5	3.5	2.7	3.6	*	5.3	*	*	*	*
1990	4.3	2.9	3.1	*	*	*	*	*	*	*
1989	4.3	3.2	3.3	3.7	*	*	*	*	*	*
1988	4.6	3.6	*	*	*	*	*	*	*	*
1987	5.3	4.5	*	3.5	5.0	*	*	*	*	*
1986	5.8	3.8	4.2	*	*	*	*	*	*	*
1985	5.3	3.4	3.3	*	3.9	*	*	*	*	*
1984	5.4	4.1	*	4.0	*	*	*	*	*	*
1983	6.4	4.3	5.6	3.6	*	*	*	*	*	*
1982	6.6	5.7	4.4	3.7	4.8	5.1	*	*	*	*
1981	7.2	4.9	3.8	4.6	4.8	*	*	*	*	*
1980	8.2	5.2	5.3	4.7	5.6	*	*	*	*	*
1979	8.0	4.0	6.3	*	5.6	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental drowning and submersion (E910)										
All other, female										
1998	0.6	*	*	*	*	*	*	*	*	*
1997	0.7	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	*
1993	0.7	*	*	*	*	*	*	*	*	*
1992	0.8	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	0.7	*	*	*	*	*	*	*	*	*
1988	0.9	*	*	*	*	*	*	*	*	*
1987	0.9	*	*	*	*	*	*	*	*	*
1986	1.1	*	*	*	*	*	*	*	*	*
1985	0.9	*	*	*	*	*	*	*	*	*
1984	0.9	*	*	*	*	*	*	*	*	*
1983	0.9	*	*	*	*	*	*	*	*	*
1982	1.1	*	*	*	*	*	*	*	*	*
1981	0.9	*	*	*	*	*	*	*	*	*
1980	1.2	*	*	*	*	*	*	*	*	*
1979	1.3	*	*	*	*	*	*	*	*	*
Accidental drowning and submersion (E910)										
Black, both sexes										
1998	2.1	1.5	1.9	*	*	*	*	*	*	*
1997	1.8	0.9	1.3	*	*	*	*	*	*	*
1996	1.9	1.5	1.4	*	*	*	*	*	*	*
1995	2.1	2.1	*	1.7	*	*	*	*	*	*
1994	2.1	1.2	1.7	*	*	*	*	*	*	*
1993	2.2	1.5	*	*	*	2.3	*	*	*	*
1992	2.0	1.5	*	*	*	*	*	*	*	*
1991	2.8	2.1	1.8	2.1	*	2.4	*	*	*	*
1990	2.5	1.9	1.8	*	2.1	*	*	*	*	*
1989	2.6	1.9	1.8	2.3	*	2.6	*	*	*	*
1988	2.8	2.1	*	*	*	*	*	*	*	*
1987	3.2	2.5	*	2.0	2.6	*	*	*	*	*
1986	3.5	2.3	2.4	*	*	*	*	*	*	*
1985	3.2	2.2	*	*	*	*	*	*	*	*
1984	3.2	2.2	2.0	2.2	*	*	*	*	*	*
1983	3.7	2.3	2.4	2.1	*	*	*	*	*	*
1982	3.9	3.5	2.7	2.1	2.2	3.2	*	*	*	*
1981	4.1	2.7	2.0	2.2	2.6	*	*	*	*	*
1980	4.7	3.0	2.9	2.6	2.7	*	*	*	*	*
1979	4.6	2.3	3.0	*	2.9	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental drowning and submersion (E910)										
Black, male										
1998	3.9	2.8	4.0	*	*	*	*	*	*	*
1997	3.1	*	*	*	*	*	*	*	*	*
1996	3.4	3.1	3.0	*	*	*	*	*	*	*
1995	3.6	3.5	*	*	*	*	*	*	*	*
1994	3.5	*	3.2	*	*	*	*	*	*	*
1993	3.8	2.7	*	*	*	*	*	*	*	*
1992	3.5	3.1	*	*	*	*	*	*	*	*
1991	5.1	4.4	*	*	*	*	*	*	*	*
1990	4.5	3.7	*	*	*	*	*	*	*	*
1989	4.7	3.6	*	4.3	*	*	*	*	*	*
1988	4.9	4.2	*	*	*	*	*	*	*	*
1987	5.8	5.0	*	*	5.5	*	*	*	*	*
1986	6.1	4.3	4.4	*	*	*	*	*	*	*
1985	5.7	3.9	*	*	*	*	*	*	*	*
1984	5.8	4.0	*	4.4	*	*	*	*	*	*
1983	6.8	4.4	5.2	*	*	*	*	*	*	*
1982	7.0	6.6	4.9	*	*	*	*	*	*	*
1981	7.6	5.3	4.1	4.7	5.1	*	*	*	*	*
1980	8.6	5.4	5.9	4.9	6.2	*	*	*	*	*
1979	8.3	4.4	6.2	*	5.6	*	*	*	*	*
Accidental drowning and submersion (E910)										
Black, female										
1998	0.6	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	*
1993	0.7	*	*	*	*	*	*	*	*	*
1992	0.7	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	0.8	*	*	*	*	*	*	*	*	*
1988	0.9	*	*	*	*	*	*	*	*	*
1987	0.9	*	*	*	*	*	*	*	*	*
1986	1.1	*	*	*	*	*	*	*	*	*
1985	0.9	*	*	*	*	*	*	*	*	*
1984	0.9	*	*	*	*	*	*	*	*	*
1983	0.9	*	*	*	*	*	*	*	*	*
1982	1.1	*	*	*	*	*	*	*	*	*
1981	0.9	*	*	*	*	*	*	*	*	*
1980	1.2	*	*	*	*	*	*	*	*	*
1979	1.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental exposure to smoke, fire and flames (E890-E899)										
All races, both sexes										
1998	1.2	1.0	1.1	1.2	1.5	2.0	2.3	3.5	4.7	6.1
1997	1.3	1.0	1.2	1.5	1.8	2.0	2.4	3.6	5.0	7.4
1996	1.4	1.0	1.2	1.5	1.8	2.0	2.9	3.9	5.3	8.5
1995	1.4	1.3	1.1	1.5	2.0	2.1	2.7	3.7	5.1	7.5
1994	1.5	1.2	1.1	1.4	2.0	2.0	2.6	3.6	5.7	7.0
1993	1.5	1.1	1.2	1.2	1.7	2.2	2.8	3.4	5.6	8.2
1992	1.5	1.3	1.2	1.5	2.2	2.3	2.7	4.0	5.2	7.9
1991	1.6	1.1	1.3	1.4	1.8	2.3	3.0	4.5	5.1	8.3
1990	1.7	1.2	1.5	1.5	2.1	2.5	3.2	4.2	6.4	8.8
1989	1.9	1.3	1.5	2.0	2.4	2.9	3.4	5.1	6.8	9.6
1988	2.0	1.5	1.8	2.2	2.7	2.9	4.0	5.3	7.5	10.4
1987	1.9	1.4	1.7	2.1	2.2	2.9	4.3	5.1	7.3	9.9
1986	2.0	1.5	1.8	1.9	2.4	2.6	4.1	5.0	7.6	10.0
1985	2.1	1.6	2.1	2.3	2.7	3.1	4.0	6.1	8.0	10.3
1984	2.1	1.8	2.0	2.2	2.5	3.0	4.6	5.4	6.9	10.8
1983	2.2	1.6	2.0	2.4	2.8	3.3	4.1	5.8	8.6	11.6
1982	2.2	1.8	2.0	2.6	2.9	3.3	4.9	5.9	8.3	12.1
1981	2.5	2.1	2.6	2.8	3.1	4.1	5.1	6.5	10.0	12.9
1980	2.6	2.3	2.7	2.8	3.4	4.6	5.1	7.2	9.9	12.3
1979	2.7	2.4	2.7	2.9	4.0	4.5	5.3	7.8	9.6	13.5
Accidental exposure to smoke, fire and flames (E890-E899)										
All races, male										
1998	1.4	1.3	1.5	1.4	2.0	2.7	3.1	4.1	5.8	9.7
1997	1.6	1.4	1.6	1.9	2.2	2.8	3.2	4.2	6.1	13.0
1996	1.7	1.4	1.8	2.2	2.6	2.6	3.5	4.7	7.5	13.4
1995	1.7	1.9	1.6	2.0	2.9	2.6	3.4	4.8	7.4	11.6
1994	1.9	1.6	1.7	1.7	2.7	2.5	3.0	5.0	8.7	11.4
1993	1.8	1.4	1.7	1.8	2.3	2.9	3.5	4.2	7.5	13.0
1992	2.0	1.8	1.9	2.2	3.3	3.2	3.9	5.3	7.1	13.4
1991	2.0	1.5	1.9	2.1	2.5	3.3	3.7	6.1	7.4	14.9
1990	2.1	1.6	2.1	2.3	3.2	3.3	4.1	5.9	8.9	13.2
1989	2.3	1.8	2.1	2.7	3.4	3.9	4.2	6.5	8.5	16.6
1988	2.6	2.2	2.5	3.1	3.7	4.1	5.2	7.2	10.5	19.3
1987	2.4	1.8	2.4	2.7	3.1	3.7	5.6	6.4	9.9	18.3
1986	2.6	2.2	2.7	2.8	3.4	3.6	5.6	7.0	10.9	17.3
1985	2.6	2.3	3.0	3.3	3.9	4.3	5.3	8.0	11.5	18.1
1984	2.7	2.7	2.7	3.3	3.6	4.1	6.0	7.6	9.4	18.7
1983	2.7	2.4	2.9	3.3	4.0	4.5	5.3	8.4	12.7	20.6
1982	2.8	2.5	2.6	3.6	4.2	4.1	6.1	8.7	11.3	19.9
1981	3.1	2.9	3.8	4.0	4.3	6.1	7.1	9.3	15.0	21.5
1980	3.2	3.2	4.0	3.9	4.9	6.4	6.4	10.0	14.2	19.7
1979	3.4	3.4	3.7	4.2	5.5	6.0	7.2	11.0	14.5	22.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental exposure to smoke, fire and flames (E890-E899)										
All races, female										
1998	0.9	0.6	0.7	1.0	1.0	1.4	1.7	3.0	4.1	4.6
1997	1.0	0.6	0.8	1.0	1.4	1.3	1.8	3.2	4.4	5.2
1996	1.1	0.7	0.7	0.9	1.1	1.4	2.4	3.2	4.0	6.6
1995	1.1	0.7	0.7	1.1	1.3	1.6	2.3	3.0	3.8	5.9
1994	1.1	0.8	0.6	1.0	1.4	1.6	2.3	2.7	4.1	5.3
1993	1.2	0.8	0.7	0.6	1.1	1.7	2.2	2.9	4.6	6.4
1992	1.1	0.7	0.6	1.0	1.2	1.7	1.9	3.2	4.1	5.8
1991	1.2	0.7	0.7	0.7	1.1	1.6	2.6	3.4	3.8	5.7
1990	1.3	0.9	1.0	0.9	1.0	1.9	2.5	3.2	5.0	7.2
1989	1.5	0.9	0.9	1.3	1.5	2.0	2.7	4.3	5.9	6.9
1988	1.5	0.8	1.1	1.4	1.9	2.0	3.1	4.0	6.0	6.9
1987	1.5	1.0	1.0	1.5	1.5	2.2	3.3	4.2	5.9	6.6
1986	1.5	0.8	0.9	1.0	1.6	1.8	3.0	3.7	5.9	7.1
1985	1.6	0.9	1.2	1.4	1.7	2.1	3.1	4.8	6.2	7.2
1984	1.5	0.9	1.3	1.3	1.6	2.2	3.6	4.1	5.7	7.6
1983	1.6	0.9	1.2	1.6	1.7	2.4	3.2	4.1	6.5	8.0
1982	1.7	1.1	1.3	1.7	1.8	2.6	4.1	4.2	6.7	8.9
1981	1.9	1.4	1.5	1.8	2.0	2.5	3.6	4.7	7.3	9.2
1980	1.9	1.4	1.5	1.8	2.2	3.2	4.1	5.5	7.6	9.0
1979	2.0	1.4	1.7	1.8	2.7	3.3	3.9	5.8	6.9	9.7
Accidental exposure to smoke, fire and flames (E890-E899)										
White, both sexes										
1998	1.0	0.8	1.0	1.0	1.3	1.7	1.9	3.0	4.3	4.8
1997	1.1	0.8	0.9	1.2	1.5	1.5	2.0	2.8	4.5	5.8
1996	1.2	0.9	1.0	1.2	1.4	1.5	2.3	3.2	4.6	6.7
1995	1.1	1.0	1.0	1.1	1.5	1.6	2.1	3.1	3.8	5.8
1994	1.2	1.0	0.8	1.0	1.7	1.6	2.0	2.9	4.0	5.5
1993	1.2	0.9	1.0	0.9	1.3	1.7	2.2	2.9	4.3	6.0
1992	1.3	1.0	1.0	1.2	1.7	1.9	2.1	3.1	4.1	5.6
1991	1.3	0.9	1.0	1.1	1.4	1.8	2.4	3.6	4.0	6.5
1990	1.4	1.1	1.2	1.2	1.7	2.1	2.5	3.0	5.4	6.8
1989	1.5	1.1	1.1	1.5	1.8	2.2	2.6	3.9	5.9	6.7
1988	1.6	1.2	1.2	1.7	2.1	2.3	3.0	4.2	5.9	8.4
1987	1.5	1.1	1.2	1.7	1.8	2.2	3.3	4.0	5.5	7.9
1986	1.6	1.1	1.4	1.4	1.9	2.1	3.4	4.0	6.4	7.6
1985	1.7	1.3	1.7	1.8	2.2	2.6	3.3	5.3	6.8	7.7
1984	1.7	1.4	1.6	1.7	2.0	2.4	3.5	4.2	5.3	8.7
1983	1.7	1.3	1.6	1.8	2.1	2.6	3.0	4.8	6.6	9.4
1982	1.8	1.5	1.5	2.2	2.5	2.8	4.0	4.8	6.3	10.1
1981	2.0	1.7	2.2	2.2	2.4	3.3	4.0	5.2	8.2	10.2
1980	2.1	2.0	2.2	2.2	3.0	3.8	4.4	5.9	8.1	9.9
1979	2.2	1.9	2.2	2.5	3.2	3.6	4.4	6.0	7.7	10.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental exposure to smoke, fire and flames (E890-E899)										
White, male										
1998	1.2	1.0	1.2	1.2	1.6	2.4	2.4	3.4	5.4	7.6
1997	1.3	1.1	1.2	1.6	1.8	2.2	2.6	3.4	5.3	10.3
1996	1.4	1.2	1.4	1.7	2.0	2.0	2.7	4.1	6.6	10.3
1995	1.4	1.5	1.3	1.6	2.0	1.9	2.5	3.9	5.4	8.9
1994	1.6	1.3	1.3	1.2	2.1	1.9	2.4	3.9	6.0	9.0
1993	1.5	1.0	1.4	1.3	1.8	2.1	2.6	3.8	5.8	8.4
1992	1.6	1.5	1.5	1.5	2.4	2.6	3.0	4.4	5.6	8.5
1991	1.6	1.2	1.4	1.5	1.9	2.6	2.8	4.7	5.5	12.4
1990	1.7	1.4	1.6	1.7	2.7	2.6	3.2	3.8	7.7	10.3
1989	1.9	1.3	1.6	2.1	2.6	2.9	3.2	5.1	7.1	11.9
1988	2.0	1.7	1.5	2.3	2.8	3.1	3.7	5.4	7.9	15.6
1987	1.9	1.5	1.6	2.2	2.3	2.8	4.1	4.8	7.9	15.1
1986	2.1	1.6	2.3	1.9	2.7	2.9	4.5	5.4	9.2	14.5
1985	2.2	1.8	2.4	2.6	3.2	3.6	4.3	7.0	9.4	14.5
1984	2.2	2.0	2.2	2.6	2.9	3.3	4.4	6.0	7.3	15.1
1983	2.2	1.9	2.4	2.5	3.2	3.5	3.9	7.1	9.9	17.8
1982	2.3	2.0	1.9	3.0	3.3	3.3	4.9	7.1	8.6	16.6
1981	2.5	2.2	3.1	3.0	3.4	4.7	5.5	7.7	11.9	17.4
1980	2.7	2.6	3.1	3.1	4.1	5.1	5.6	7.9	12.0	16.4
1979	2.8	2.7	2.9	3.5	4.4	4.7	5.8	8.4	10.9	18.5
Accidental exposure to smoke, fire and flames (E890-E899)										
White, female										
1998	0.8	0.5	0.7	0.9	1.0	1.2	1.5	2.7	3.7	3.7
1997	0.8	0.4	0.7	0.8	1.1	0.9	1.5	2.4	4.0	4.0
1996	0.9	0.7	0.5	0.8	0.9	1.1	2.0	2.5	3.5	5.3
1995	0.9	0.6	0.6	0.7	1.0	1.4	1.8	2.6	2.9	4.6
1994	0.9	0.7	0.4	0.9	1.4	1.4	1.7	2.2	2.9	4.2
1993	0.9	0.7	0.6	0.5	0.9	1.3	1.8	2.2	3.6	5.1
1992	0.9	0.6	0.5	0.9	1.0	1.4	1.5	2.2	3.2	4.5
1991	1.0	0.6	0.6	0.8	0.9	1.2	2.1	2.9	3.2	4.2
1990	1.0	0.7	0.9	0.7	0.8	1.7	2.0	2.4	4.2	5.4
1989	1.2	0.8	0.7	1.0	1.2	1.6	2.2	3.2	5.2	4.7
1988	1.2	0.7	0.8	1.1	1.4	1.7	2.5	3.4	4.9	5.6
1987	1.2	0.7	0.9	1.2	1.3	1.6	2.8	3.5	4.3	5.0
1986	1.2	0.7	0.6	0.9	1.2	1.6	2.6	3.2	5.0	4.9
1985	1.3	0.8	1.0	1.1	1.3	1.8	2.6	4.2	5.4	5.1
1984	1.2	0.8	1.0	1.0	1.3	1.7	2.9	3.1	4.2	6.1
1983	1.2	0.7	0.9	1.2	1.2	1.9	2.3	3.4	4.9	6.1
1982	1.4	0.9	1.0	1.5	1.7	2.3	3.4	3.4	5.1	7.4
1981	1.5	1.2	1.3	1.4	1.5	2.1	2.9	3.8	6.3	7.2
1980	1.6	1.3	1.3	1.4	2.0	2.7	3.4	4.7	6.1	7.2
1979	1.6	1.1	1.5	1.6	2.1	2.7	3.3	4.6	5.9	7.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental exposure to smoke, fire and flames (E890-E899)										
All other, both sexes										
1998	1.9	1.9	2.0	2.4	2.7	3.6	6.0	7.6	8.5	17.9
1997	2.3	2.2	2.6	3.1	3.7	5.0	5.7	10.5	10.3	23.4
1996	2.4	1.5	2.7	3.1	4.3	5.5	7.7	10.0	12.0	26.2
1995	2.7	2.5	2.2	3.8	5.7	5.3	8.2	9.7	18.0	24.3
1994	2.9	2.6	2.8	3.4	4.2	5.1	7.8	10.7	23.0	22.0
1993	3.0	2.6	2.3	3.1	3.8	6.7	7.9	8.9	18.8	30.7
1992	3.0	2.8	2.8	4.0	6.1	5.4	8.2	13.0	16.4	31.8
1991	3.2	2.4	2.9	3.2	4.6	6.5	8.5	12.3	16.3	27.4
1990	3.3	2.4	3.3	3.8	4.7	6.2	8.9	16.1	16.6	30.7
1989	4.0	3.2	3.5	5.1	6.3	8.4	10.2	16.6	16.8	41.0
1988	4.3	3.6	5.6	5.8	7.9	7.8	13.1	15.2	24.4	31.5
1987	4.1	3.2	4.6	4.9	5.9	9.2	13.0	14.7	26.0	31.7
1986	4.2	3.7	4.0	5.5	7.1	6.9	10.0	14.0	20.2	36.4
1985	4.1	3.6	4.7	5.8	6.9	7.5	10.4	13.3	21.8	39.0
1984	4.5	4.2	4.3	6.2	6.7	8.5	15.1	17.4	25.3	34.6
1983	4.7	3.4	4.7	6.7	8.3	9.6	14.5	14.9	31.3	36.1
1982	4.6	3.9	5.4	6.1	7.1	7.7	13.8	17.0	30.6	35.5
1981	5.3	5.3	6.4	8.5	9.0	11.5	15.2	18.7	30.3	43.2
1980	5.3	4.6	6.9	8.0	7.5	12.0	11.8	20.4	31.0	39.0
1979	5.9	5.9	6.6	7.0	11.7	12.7	14.2	24.5	32.1	47.7
Accidental exposure to smoke, fire and flames (E890-E899)										
All other, male										
1998	2.4	2.8	3.7	3.0	5.0	4.9	9.8	10.6	*	28.9
1997	2.7	3.3	4.0	4.3	5.0	7.1	8.5	11.8	14.2	38.5
1996	2.9	2.7	4.1	4.9	7.1	7.7	10.8	10.7	17.3	41.7
1995	3.3	4.2	3.3	4.5	9.0	7.7	11.5	13.6	28.3	37.1
1994	3.6	3.8	4.3	5.1	7.3	7.2	8.7	16.6	36.1	33.5
1993	3.7	3.7	3.7	5.1	6.0	9.3	11.4	8.6	25.2	56.3
1992	3.9	4.4	4.7	7.1	10.2	7.8	12.9	13.8	22.3	59.6
1991	4.1	3.2	4.6	6.6	7.8	9.4	11.7	19.8	26.0	38.8
1990	4.2	3.2	5.1	6.5	7.1	9.8	12.2	25.5	21.0	40.5
1989	4.9	5.1	5.1	7.5	9.8	13.2	13.9	19.8	23.1	60.5
1988	5.7	6.0	9.0	8.9	11.3	12.4	19.6	23.7	35.9	53.2
1987	5.3	4.2	8.3	6.9	9.9	12.6	19.5	20.9	29.5	48.1
1986	5.4	6.2	5.9	9.8	10.3	10.5	15.5	21.4	27.8	44.0
1985	5.1	5.8	7.4	8.9	9.8	10.7	14.7	17.0	32.7	52.1
1984	5.7	7.3	6.2	9.1	9.8	11.6	22.0	22.8	30.7	52.8
1983	5.7	5.4	6.6	9.5	11.9	14.0	18.4	20.8	42.3	47.8
1982	5.8	5.5	8.1	8.9	12.0	11.7	17.6	23.0	39.4	52.2
1981	6.9	8.0	10.1	12.9	13.0	18.7	21.6	24.7	47.3	62.5
1980	6.7	7.8	11.3	11.0	12.9	18.2	13.4	30.1	37.8	52.7
1979	7.5	8.9	10.5	10.7	16.3	18.1	20.5	33.7	53.5	59.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental exposure to smoke, fire and flames (E890-E899)										
All other, female										
1998	1.5	*	*	*	*	*	3.4	5.6	7.7	13.3
1997	1.8	1.3	*	2.2	2.7	3.4	3.7	9.8	8.2	17.0
1996	1.9	*	*	*	*	3.9	5.6	9.6	9.2	19.7
1995	2.1	*	*	3.3	3.1	3.5	5.9	7.2	12.4	18.8
1994	2.3	1.5	*	*	*	3.4	7.1	6.9	15.9	17.1
1993	2.4	1.7	*	*	*	4.9	5.6	9.2	15.4	19.6
1992	2.1	*	*	*	2.9	3.7	4.9	12.4	13.2	19.7
1991	2.4	*	*	*	*	4.3	6.3	7.6	10.9	22.4
1990	2.5	*	*	*	2.8	3.5	6.6	10.3	14.1	26.2
1989	3.1	*	*	3.1	3.7	4.8	7.6	14.6	13.2	31.8
1988	3.1	*	2.9	3.2	5.2	4.4	8.6	9.8	17.6	21.3
1987	3.1	2.4	*	3.3	*	6.8	8.5	10.7	24.0	23.9
1986	3.2	*	*	*	4.7	4.3	6.3	9.3	15.9	32.7
1985	3.2	*	*	3.3	4.6	5.1	7.4	10.8	15.6	32.7
1984	3.4	*	2.8	3.8	4.3	6.1	10.3	13.8	22.1	25.5
1983	3.8	*	3.2	4.4	5.5	6.2	11.8	10.9	24.8	30.2
1982	3.5	2.5	3.3	3.7	*	4.8	11.0	13.0	25.5	27.1
1981	3.9	3.1	3.3	4.8	5.9	6.0	10.6	14.5	20.0	33.1
1980	4.0	*	3.4	5.4	*	7.3	10.6	13.7	26.8	32.0
1979	4.4	3.3	3.3	3.9	7.9	8.6	9.5	17.8	18.8	42.1
Accidental exposure to smoke, fire and flames (E890-E899)										
Black, both sexes										
1998	2.5	2.6	2.8	2.8	3.6	4.7	7.5	9.6	10.3	21.0
1997	2.8	2.8	3.3	4.0	4.9	6.5	7.0	12.7	12.5	26.5
1996	3.1	2.1	3.5	4.3	5.7	6.7	9.7	12.7	13.3	29.2
1995	3.3	3.1	3.0	4.9	7.0	6.6	9.9	11.7	21.4	27.6
1994	3.6	3.4	3.6	4.3	5.3	6.2	9.8	13.2	26.0	23.9
1993	3.8	3.1	3.0	4.0	5.0	8.4	9.9	10.5	21.0	34.0
1992	3.7	3.7	3.4	5.1	7.7	6.8	9.8	14.4	19.2	36.2
1991	4.0	3.0	3.7	4.2	5.9	7.7	10.1	14.6	19.5	31.7
1990	4.1	2.8	4.2	4.8	5.8	7.6	11.0	18.4	19.1	34.1
1989	4.9	4.0	4.6	6.2	7.5	10.2	12.4	19.2	18.4	47.3
1988	5.3	4.5	7.2	6.9	9.7	9.0	15.4	17.8	27.9	36.0
1987	5.0	4.0	5.9	5.9	6.9	10.6	14.7	16.8	29.3	36.1
1986	5.0	4.5	4.7	6.4	8.4	8.3	11.6	16.1	23.5	40.3
1985	4.9	4.4	5.5	7.1	8.1	8.7	12.3	14.9	24.9	42.6
1984	5.2	5.1	4.8	7.2	7.9	9.7	17.0	19.9	27.5	39.5
1983	5.5	3.9	5.3	7.7	9.3	10.8	16.2	16.5	35.2	39.7
1982	5.3	4.5	6.0	6.7	8.1	8.9	15.5	18.4	34.9	39.8
1981	6.2	6.4	7.3	10.0	10.3	12.9	16.9	20.4	34.0	48.2
1980	5.9	5.2	7.9	9.3	8.5	13.4	12.4	22.7	34.0	43.4
1979	6.5	6.8	7.3	7.8	12.5	14.1	15.7	26.5	34.3	51.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental exposure to smoke, fire and flames (E890-E899)										
Black, male										
1998	3.0	3.8	5.2	3.7	6.8	6.5	11.8	13.4	*	35.9
1997	3.3	3.9	4.9	5.5	6.7	9.3	11.0	14.7	18.2	43.1
1996	3.8	3.9	5.4	6.9	9.6	10.1	14.0	14.1	20.4	49.0
1995	4.1	5.1	4.5	5.9	11.3	9.9	14.5	16.7	37.3	42.4
1994	4.5	5.1	5.6	6.9	9.0	9.2	11.7	21.6	43.1	35.9
1993	4.6	4.5	4.8	6.8	7.7	11.5	14.2	*	27.6	65.4
1992	4.8	5.9	5.9	9.1	12.9	9.8	16.4	14.4	27.5	70.1
1991	5.1	4.1	6.0	8.6	9.9	11.5	14.1	24.5	32.9	47.8
1990	5.2	4.0	6.6	8.3	8.6	11.9	15.4	30.8	25.4	46.8
1989	6.0	6.6	6.9	9.5	11.5	16.2	17.5	24.2	25.8	72.7
1988	7.0	7.6	11.7	10.5	13.9	14.5	23.2	28.8	43.6	63.1
1987	6.4	5.2	10.9	8.3	11.5	14.4	21.7	24.6	32.6	56.3
1986	6.4	7.6	7.0	11.4	12.0	12.8	18.1	25.6	33.3	49.2
1985	6.1	7.0	8.8	10.7	11.9	12.7	17.9	20.0	37.9	56.5
1984	6.6	8.7	6.8	10.7	11.8	13.4	25.3	26.9	33.3	62.3
1983	6.6	6.5	7.3	11.3	13.2	15.8	20.9	24.2	48.8	53.3
1982	6.8	6.4	9.3	10.3	13.6	13.5	20.2	24.8	46.3	58.6
1981	8.0	9.7	11.6	15.3	14.8	21.0	24.7	26.6	53.2	69.6
1980	7.6	8.9	13.2	13.0	14.5	20.8	14.1	34.7	40.0	58.5
1979	8.4	10.5	11.6	12.1	17.7	20.7	23.0	37.9	55.8	65.4
Accidental exposure to smoke, fire and flames (E890-E899)										
Black, female										
1998	1.9	*	*	*	*	*	4.6	7.2	9.2	15.3
1997	2.3	1.8	*	*	3.5	4.4	*	11.5	9.7	20.1
1996	2.4	*	*	*	*	4.2	6.8	11.8	9.9	21.6
1995	2.6	*	*	4.1	3.7	4.2	6.9	8.7	13.6	21.9
1994	2.8	*	*	*	*	3.9	8.6	8.2	17.6	19.2
1993	3.0	*	*	*	*	6.1	7.0	10.5	17.7	21.6
1992	2.6	*	*	*	3.8	4.6	5.4	14.3	14.9	22.6
1991	3.0	*	*	*	*	5.0	7.5	8.8	12.7	25.0
1990	3.1	*	*	*	3.6	4.4	8.0	11.2	15.8	28.8
1989	3.8	*	*	3.6	4.5	5.9	9.2	16.3	14.6	36.6
1988	3.8	*	3.5	3.9	6.5	4.9	10.3	11.1	19.7	24.2
1987	3.7	3.1	*	3.9	*	7.8	10.1	12.1	27.5	27.1
1986	3.8	*	*	*	5.5	4.9	7.2	10.3	18.2	36.2
1985	3.8	*	*	4.1	5.2	5.8	8.6	11.7	17.7	36.1
1984	3.9	*	3.3	4.3	4.9	7.0	11.4	15.4	24.3	28.7
1983	4.5	*	3.7	4.8	6.4	7.0	13.1	11.6	27.6	33.1
1982	4.0	*	3.4	3.8	*	5.5	12.2	14.3	28.3	30.5
1981	4.6	3.6	3.8	5.7	6.8	6.9	11.4	16.4	22.7	37.2
1980	4.5	*	3.7	6.3	*	7.8	11.2	14.9	30.4	35.8
1979	4.9	3.8	3.7	4.3	8.3	9.1	10.5	18.6	21.0	44.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
All races, both sexes										
1998	3.9	8.0	4.4	2.7	2.0	1.5	1.6	2.0	2.9	3.3
1997	3.7	7.4	3.9	2.7	1.8	1.6	1.3	2.0	2.7	3.5
1996	3.5	6.8	3.8	2.6	1.7	1.5	1.6	2.0	3.0	4.3
1995	3.4	5.9	3.8	2.3	1.6	1.4	1.5	1.9	2.3	3.4
1994	3.4	5.5	3.3	2.2	1.8	1.5	1.9	2.2	2.6	4.8
1993	3.3	4.7	3.0	2.0	1.7	1.4	1.6	1.9	2.7	4.2
1992	2.8	3.6	2.6	1.7	1.3	1.6	1.7	2.1	3.0	4.7
1991	2.5	2.8	2.1	1.9	1.7	1.7	1.8	2.3	3.7	5.6
1990	2.3	2.4	2.0	1.9	1.8	1.5	1.9	2.1	3.1	6.2
1989	2.6	2.7	2.3	2.2	1.7	1.7	2.1	2.9	3.6	6.1
1988	2.5	2.9	2.0	1.9	2.0	2.0	1.8	2.7	3.3	6.6
1987	2.2	2.2	1.9	1.9	1.8	1.7	1.9	2.7	3.7	5.6
1986	2.4	2.3	2.2	1.8	2.0	1.7	2.2	2.6	4.2	5.0
1985	2.2	2.3	2.0	2.1	1.9	1.6	2.2	2.6	3.9	4.6
1984	2.1	2.0	2.4	1.9	1.7	2.0	1.9	2.5	3.3	3.9
1983	2.0	2.3	2.1	2.1	1.8	1.7	2.1	2.8	3.3	4.8
1982	2.0	2.5	2.3	2.1	1.9	1.9	2.2	2.3	3.3	4.5
1981	2.0	2.6	2.7	1.9	1.9	1.7	2.1	2.9	3.6	4.1
1980	1.9	2.1	2.3	2.1	1.8	1.8	2.1	2.3	3.5	4.6
1979	2.1	2.5	2.4	2.4	2.2	1.8	2.3	2.7	3.0	3.7
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
All races, male										
1998	5.9	12.6	6.3	3.8	2.5	1.8	1.9	2.2	3.5	4.4
1997	5.7	11.8	5.8	3.8	2.4	2.1	1.6	2.0	3.3	4.2
1996	5.3	10.7	5.7	3.7	2.1	2.0	1.9	2.3	3.5	5.2
1995	5.3	9.4	5.5	3.4	2.3	1.8	1.5	2.3	2.9	4.5
1994	5.3	8.8	4.7	3.1	2.4	2.0	2.3	3.0	2.9	5.7
1993	5.1	7.5	4.7	2.8	2.3	1.9	2.0	2.1	3.3	5.8
1992	4.3	5.5	3.8	2.6	1.8	2.1	2.4	2.5	4.1	6.8
1991	3.8	3.9	3.1	2.4	2.1	1.9	2.2	2.6	4.7	6.9
1990	3.5	3.3	2.7	2.4	2.5	2.2	2.9	2.9	4.0	8.1
1989	4.0	4.0	3.2	3.1	2.3	2.4	2.9	3.3	5.2	9.3
1988	3.7	4.4	2.7	2.7	2.4	2.4	2.1	3.6	5.0	6.5
1987	3.2	3.3	2.5	2.3	2.4	2.3	2.4	3.6	5.1	6.8
1986	3.5	3.3	3.0	2.5	2.5	2.2	2.9	3.5	5.5	7.2
1985	3.2	3.3	2.4	2.7	2.5	2.2	2.7	3.6	5.5	5.5
1984	3.0	2.6	2.9	2.5	2.1	2.6	2.4	3.5	4.2	6.8
1983	2.7	2.9	2.5	3.0	2.4	1.9	2.6	3.7	3.8	6.8
1982	2.9	3.3	2.6	2.7	2.5	2.5	2.5	2.9	4.4	6.7
1981	2.7	3.2	3.4	2.2	2.4	2.1	2.7	4.2	4.4	5.1
1980	2.6	2.8	2.9	2.6	2.1	2.3	2.7	2.5	4.9	6.9
1979	2.8	2.9	3.3	2.7	2.6	2.2	3.4	3.7	4.2	5.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
All races, female										
1998	2.1	3.5	2.7	1.6	1.5	1.3	1.3	1.8	2.5	2.9
1997	1.8	3.1	2.2	1.6	1.3	1.2	1.0	2.0	2.4	3.3
1996	1.8	3.1	2.1	1.7	1.3	1.1	1.3	1.8	2.8	4.0
1995	1.6	2.4	2.1	1.3	1.1	1.1	1.4	1.6	2.0	3.0
1994	1.7	2.4	1.9	1.3	1.3	1.2	1.5	1.7	2.4	4.5
1993	1.6	2.0	1.5	1.3	1.1	1.0	1.2	1.7	2.3	3.6
1992	1.3	1.8	1.3	0.9	0.8	1.2	1.2	1.8	2.4	3.9
1991	1.3	1.7	1.3	1.3	1.3	1.4	1.4	2.1	3.1	5.0
1990	1.3	1.4	1.3	1.4	1.3	1.0	1.2	1.5	2.7	5.5
1989	1.4	1.5	1.5	1.3	1.3	1.2	1.6	2.6	2.8	4.9
1988	1.4	1.4	1.3	1.3	1.6	1.6	1.6	2.1	2.4	6.6
1987	1.2	1.1	1.4	1.4	1.3	1.3	1.5	2.2	3.0	5.1
1986	1.3	1.3	1.4	1.3	1.5	1.3	1.8	2.1	3.5	4.1
1985	1.2	1.4	1.6	1.5	1.4	1.2	1.8	2.0	3.1	4.3
1984	1.2	1.4	1.8	1.3	1.4	1.5	1.6	1.9	2.8	2.8
1983	1.3	1.7	1.7	1.4	1.3	1.5	1.7	2.2	3.0	4.0
1982	1.3	1.7	1.9	1.5	1.5	1.5	1.9	1.9	2.7	3.5
1981	1.3	2.0	2.0	1.6	1.4	1.4	1.6	2.1	3.2	3.6
1980	1.2	1.4	1.8	1.6	1.6	1.4	1.7	2.2	2.7	3.6
1979	1.4	2.0	1.7	2.1	1.9	1.5	1.5	2.0	2.4	3.0
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
White, both sexes										
1998	3.8	7.0	3.9	2.3	1.8	1.4	1.5	1.8	2.8	3.3
1997	3.6	6.4	3.4	2.3	1.5	1.5	1.2	2.0	2.7	3.5
1996	3.4	5.9	3.3	2.2	1.5	1.5	1.5	1.9	2.9	4.2
1995	3.2	4.9	3.2	1.9	1.5	1.3	1.4	1.8	2.2	3.4
1994	3.1	4.5	2.6	1.8	1.6	1.3	1.8	2.1	2.4	4.7
1993	3.0	4.0	2.4	1.9	1.5	1.3	1.5	1.9	2.7	3.9
1992	2.6	3.2	2.1	1.5	1.2	1.5	1.7	2.0	3.0	4.5
1991	2.3	2.3	1.7	1.6	1.6	1.4	1.6	2.1	3.6	5.4
1990	2.2	2.0	1.8	1.7	1.7	1.4	1.8	2.0	3.1	6.2
1989	2.4	2.2	2.0	1.9	1.5	1.6	2.0	2.8	3.5	5.8
1988	2.3	2.4	1.7	1.7	1.8	1.9	1.7	2.5	3.2	6.3
1987	2.0	1.9	1.7	1.6	1.6	1.6	1.7	2.8	3.6	5.5
1986	2.3	2.1	2.1	1.6	1.8	1.6	2.1	2.6	4.0	4.9
1985	2.1	2.1	1.8	1.9	1.7	1.5	2.1	2.5	3.7	4.5
1984	2.0	1.8	2.2	1.7	1.7	2.0	1.8	2.3	3.0	4.0
1983	1.9	2.2	2.0	1.9	1.7	1.5	2.0	2.7	3.1	4.7
1982	2.0	2.4	2.0	1.9	1.8	1.8	2.0	2.1	3.3	4.5
1981	1.9	2.3	2.4	1.8	1.8	1.7	1.9	2.9	3.4	3.6
1980	1.8	1.9	2.2	2.0	1.7	1.7	2.0	2.0	3.3	4.3
1979	2.0	2.2	2.3	2.3	2.2	1.7	2.1	2.4	2.9	3.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
White, male										
1998	5.7	11.1	5.3	3.1	2.0	1.6	1.9	1.9	3.7	4.2
1997	5.5	10.2	4.9	3.2	1.7	1.9	1.4	1.9	3.3	3.9
1996	5.1	9.0	4.8	3.0	1.7	1.9	1.7	2.3	3.2	5.3
1995	5.0	7.8	4.4	2.7	2.0	1.4	1.4	2.4	2.9	4.7
1994	4.9	7.1	3.6	2.3	2.0	1.6	2.1	2.9	2.5	5.5
1993	4.7	6.2	3.5	2.5	2.0	1.6	2.0	2.0	3.5	5.5
1992	4.0	4.7	3.0	2.2	1.5	1.9	2.3	2.2	4.2	6.4
1991	3.4	3.3	2.3	2.0	1.9	1.6	2.1	2.6	4.5	6.6
1990	3.2	2.8	2.3	2.1	2.2	1.9	2.8	2.8	4.1	7.8
1989	3.6	3.1	2.7	2.6	1.8	2.1	2.7	3.1	5.2	8.4
1988	3.4	3.6	2.2	2.1	2.0	2.0	1.9	3.4	4.8	6.3
1987	2.9	2.9	2.1	2.0	2.1	2.0	2.1	3.6	5.0	6.9
1986	3.4	2.9	2.8	2.1	2.3	1.9	2.8	3.3	5.2	7.1
1985	3.0	2.8	2.1	2.5	2.2	2.1	2.6	3.5	5.3	5.7
1984	2.8	2.3	2.7	2.2	2.1	2.6	2.2	3.0	4.3	7.0
1983	2.7	2.7	2.4	2.6	2.2	1.7	2.5	3.5	3.8	6.6
1982	2.7	3.1	2.0	2.4	2.2	2.4	2.3	2.7	4.6	6.6
1981	2.6	2.7	2.9	2.0	2.2	2.1	2.6	4.2	4.4	4.4
1980	2.5	2.5	2.7	2.5	1.9	2.0	2.7	2.1	4.4	6.1
1979	2.7	2.5	2.9	2.6	2.5	2.1	3.0	3.5	4.1	5.5
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
White, female										
1998	2.0	2.9	2.5	1.5	1.6	1.3	1.3	1.8	2.4	2.9
1997	1.7	2.6	2.0	1.4	1.3	1.1	1.0	2.0	2.3	3.3
1996	1.7	2.7	1.9	1.5	1.3	1.1	1.4	1.7	2.7	3.8
1995	1.5	2.0	2.0	1.3	1.0	1.1	1.4	1.5	1.8	2.9
1994	1.5	2.0	1.7	1.3	1.3	1.1	1.5	1.5	2.3	4.4
1993	1.4	1.8	1.4	1.3	1.0	1.0	1.2	1.8	2.2	3.2
1992	1.2	1.7	1.3	0.9	0.8	1.1	1.3	1.8	2.4	3.7
1991	1.2	1.3	1.1	1.2	1.3	1.3	1.3	1.8	3.1	5.0
1990	1.2	1.3	1.3	1.4	1.2	1.0	1.1	1.6	2.5	5.6
1989	1.3	1.4	1.3	1.2	1.3	1.2	1.5	2.6	2.7	4.7
1988	1.3	1.2	1.3	1.2	1.5	1.7	1.5	2.0	2.3	6.3
1987	1.1	1.0	1.3	1.3	1.2	1.2	1.4	2.2	2.9	4.9
1986	1.3	1.2	1.4	1.3	1.5	1.4	1.5	2.1	3.3	4.0
1985	1.2	1.3	1.5	1.4	1.3	1.1	1.7	1.9	2.9	4.1
1984	1.2	1.3	1.7	1.3	1.4	1.5	1.4	1.9	2.3	2.9
1983	1.2	1.6	1.6	1.3	1.3	1.3	1.7	2.2	2.7	3.9
1982	1.2	1.7	1.9	1.5	1.4	1.4	1.7	1.8	2.6	3.6
1981	1.2	2.0	1.9	1.7	1.4	1.3	1.5	2.1	2.8	3.3
1980	1.2	1.4	1.8	1.6	1.5	1.4	1.5	2.0	2.7	3.5
1979	1.3	2.0	1.7	2.1	1.9	1.4	1.5	1.7	2.3	2.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
All other, both sexes										
1998	4.3	12.8	7.6	5.1	3.1	2.2	*	2.9	*	*
1997	4.4	12.6	7.0	4.9	4.1	2.4	2.3	*	*	*
1996	4.3	12.1	6.9	5.1	3.2	2.2	*	3.0	*	*
1995	4.5	11.4	7.4	4.5	2.7	2.7	*	*	*	*
1994	4.8	11.2	7.2	4.7	3.2	3.2	2.6	3.3	*	*
1993	4.5	8.8	6.7	2.9	2.8	2.6	*	*	*	7.8
1992	3.8	6.3	5.2	2.9	2.2	2.8	*	*	*	6.8
1991	3.9	5.5	5.1	3.8	2.4	3.4	2.9	3.5	*	*
1990	3.2	4.3	3.3	3.1	3.0	2.5	2.7	*	*	*
1989	3.8	5.5	4.2	4.1	3.6	2.7	3.0	3.5	*	9.8
1988	3.8	5.7	3.5	4.0	3.7	2.8	2.9	4.4	*	8.9
1987	3.2	3.8	3.5	3.5	3.5	3.2	3.2	*	*	*
1986	2.9	3.6	3.0	3.3	3.0	2.9	3.9	*	*	*
1985	2.7	4.1	3.5	3.3	3.2	2.7	3.3	*	*	*
1984	2.7	3.2	3.6	3.0	1.9	*	3.5	4.3	*	*
1983	2.4	3.0	2.5	3.7	2.9	3.4	2.8	*	*	*
1982	2.6	3.3	4.4	3.2	3.2	2.6	4.2	*	*	*
1981	2.6	4.3	4.7	2.6	2.7	2.3	3.1	*	*	*
1980	2.3	3.2	3.0	2.6	3.0	2.9	*	5.0	*	*
1979	2.8	3.9	3.9	3.0	2.7	2.4	4.3	5.0	*	*
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
All other, male										
1998	6.5	20.6	12.3	8.4	5.6	*	*	*	*	*
1997	6.7	21.0	11.4	7.6	7.2	*	*	*	*	*
1996	6.4	20.8	11.5	7.7	5.1	*	*	*	*	*
1995	6.9	19.5	12.6	8.3	4.2	4.5	*	*	*	*
1994	7.3	19.1	11.6	8.5	5.5	5.0	*	*	*	*
1993	7.0	15.4	12.4	4.8	4.6	4.5	*	*	*	*
1992	5.8	11.1	9.6	4.9	3.9	*	*	*	*	*
1991	5.7	7.4	8.2	5.5	4.0	4.3	*	*	*	*
1990	4.7	6.6	5.6	5.1	4.6	4.3	*	*	*	*
1989	5.7	9.7	6.1	6.8	6.4	4.4	*	*	*	*
1988	5.7	9.6	5.7	6.9	5.5	5.7	*	*	*	*
1987	4.7	5.6	5.2	5.1	5.2	5.1	*	*	*	*
1986	4.4	5.7	4.8	5.6	4.8	5.5	*	*	*	*
1985	3.9	6.3	4.7	4.4	4.9	*	*	*	*	*
1984	3.9	4.9	4.9	5.0	*	*	*	*	*	*
1983	3.1	4.2	3.4	5.9	4.9	*	*	*	*	*
1982	3.7	4.9	6.8	5.1	4.6	*	*	*	*	*
1981	3.5	6.8	6.9	4.1	*	*	*	*	*	*
1980	3.3	5.4	5.0	4.0	*	*	*	*	*	*
1979	3.8	6.2	6.6	4.4	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
All other, female										
1998	2.3	6.1	3.4	2.4	*	*	*	*	*	*
1997	2.3	5.4	3.2	2.7	*	*	*	*	*	*
1996	2.4	4.6	2.9	2.9	*	*	*	*	*	*
1995	2.3	4.5	2.9	*	*	*	*	*	*	*
1994	2.5	4.4	3.4	*	*	*	*	*	*	*
1993	2.2	3.2	*	*	*	*	*	*	*	*
1992	1.9	2.2	*	*	*	*	*	*	*	*
1991	2.2	3.9	2.4	*	*	*	*	*	*	*
1990	1.8	2.2	*	*	*	*	*	*	*	*
1989	2.0	*	2.5	*	*	*	*	*	*	*
1988	2.1	2.4	*	*	*	*	*	*	*	*
1987	1.8	2.2	*	*	*	*	*	*	*	*
1986	1.6	*	*	*	*	*	*	*	*	*
1985	1.7	*	*	*	*	*	*	*	*	*
1984	1.6	*	*	*	*	*	*	*	*	*
1983	1.7	*	*	*	*	*	*	*	*	*
1982	1.6	*	*	*	*	*	*	*	*	*
1981	1.7	*	2.9	*	*	*	*	*	*	*
1980	1.5	*	*	*	*	*	*	*	*	*
1979	1.8	*	*	*	*	*	*	*	*	*
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
Black, both sexes										
1998	5.3	17.0	10.0	7.0	3.9	2.3	*	*	*	*
1997	5.4	16.6	9.3	6.2	5.4	3.0	*	*	*	*
1996	5.3	15.9	8.8	6.4	3.9	2.6	*	*	*	*
1995	5.6	15.1	9.7	6.1	3.2	3.2	*	*	*	*
1994	5.9	14.9	9.1	6.0	3.6	3.9	3.0	*	*	*
1993	5.7	11.8	8.8	3.6	3.3	3.0	*	*	*	8.9
1992	4.7	8.3	6.7	3.5	2.6	3.3	*	*	*	*
1991	4.8	7.1	6.0	4.5	2.9	3.8	3.5	*	*	*
1990	3.8	5.5	3.7	3.8	3.3	2.8	*	*	*	*
1989	4.6	6.6	4.8	5.1	4.3	2.8	3.6	*	*	10.9
1988	4.6	7.4	4.4	4.6	4.1	3.2	3.2	4.9	*	9.3
1987	3.7	4.8	4.2	3.7	3.9	3.0	3.4	*	*	*
1986	3.4	4.4	3.8	4.0	3.4	3.1	4.3	*	*	*
1985	3.2	4.9	4.1	3.8	3.8	3.0	3.6	*	*	*
1984	3.1	3.8	4.4	3.3	*	*	3.6	4.8	*	*
1983	2.7	3.4	2.9	4.2	3.4	3.9	*	*	*	*
1982	2.9	3.9	4.2	3.2	3.5	2.5	4.9	*	*	*
1981	2.9	4.9	5.3	3.0	3.0	2.7	3.6	*	*	*
1980	2.6	3.5	3.4	3.0	3.3	3.2	*	5.4	*	*
1979	3.0	4.4	4.3	3.1	2.9	2.5	4.8	5.3	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
Black, male										
1998	8.1	27.4	16.5	12.0	7.2	*	*	*	*	*
1997	8.3	27.9	15.4	10.0	9.7	*	*	*	*	*
1996	8.0	27.7	14.8	10.1	6.6	*	*	*	*	*
1995	8.6	26.0	16.9	11.3	5.7	5.2	*	*	*	*
1994	9.1	25.4	15.3	11.3	6.5	6.3	*	*	*	*
1993	8.9	20.9	16.6	6.0	5.6	*	*	*	*	*
1992	7.3	14.7	12.5	5.9	5.1	*	*	*	*	*
1991	7.1	9.8	10.2	6.7	5.2	*	*	*	*	*
1990	5.7	8.8	6.6	6.5	5.3	*	*	*	*	*
1989	7.1	12.1	7.6	8.7	7.9	*	*	*	*	*
1988	6.9	12.5	7.2	7.9	6.2	6.8	*	*	*	*
1987	5.5	7.2	6.5	5.5	5.5	*	*	*	*	*
1986	5.2	7.1	6.0	6.6	5.8	6.1	*	*	*	*
1985	4.6	7.7	5.6	5.1	6.1	*	*	*	*	*
1984	4.5	6.1	6.0	5.5	*	*	*	*	*	*
1983	3.6	5.0	*	6.5	5.7	*	*	*	*	*
1982	4.2	6.0	7.1	5.1	5.0	*	*	*	*	*
1981	4.0	8.2	7.7	4.9	*	*	*	*	*	*
1980	3.6	6.0	5.9	4.5	*	*	*	*	*	*
1979	4.1	7.3	7.2	4.7	*	*	*	*	*	*
Accidental poisoning and exposure to noxious substances (E850-E869,E924.1)										
Black, female										
1998	2.9	8.0	4.6	3.0	*	*	*	*	*	*
1997	2.8	7.0	4.1	3.1	*	*	*	*	*	*
1996	3.0	5.9	3.8	3.4	*	*	*	*	*	*
1995	2.8	5.8	3.8	*	*	*	*	*	*	*
1994	3.1	6.0	4.0	*	*	*	*	*	*	*
1993	2.8	4.2	*	*	*	*	*	*	*	*
1992	2.3	2.9	*	*	*	*	*	*	*	*
1991	2.6	4.8	*	*	*	*	*	*	*	*
1990	2.1	2.7	*	*	*	*	*	*	*	*
1989	2.4	*	*	*	*	*	*	*	*	*
1988	2.6	3.1	*	*	*	*	*	*	*	*
1987	2.1	2.8	*	*	*	*	*	*	*	*
1986	1.9	*	*	*	*	*	*	*	*	*
1985	1.9	*	*	*	*	*	*	*	*	*
1984	1.8	*	*	*	*	*	*	*	*	*
1983	2.0	*	*	*	*	*	*	*	*	*
1982	1.8	*	*	*	*	*	*	*	*	*
1981	2.0	*	3.4	*	*	*	*	*	*	*
1980	1.7	*	*	*	*	*	*	*	*	*
1979	1.9	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified nontransport accidents and their sequelae (Residual)										
All races, both sexes										
1998	4.7	3.6	3.8	4.7	5.7	7.3	11.1	16.5	28.7	57.6
1997	4.6	3.6	3.8	4.8	5.6	6.6	10.1	15.6	25.6	53.7
1996	4.5	3.4	3.8	4.4	5.7	7.3	10.9	14.5	27.0	54.3
1995	4.6	3.4	4.4	5.0	6.1	6.6	10.0	15.6	25.8	56.3
1994	4.5	3.8	4.1	4.8	5.4	6.7	9.4	15.1	25.4	51.7
1993	4.6	3.6	4.2	4.8	6.1	7.1	10.1	14.6	26.1	53.1
1992	4.3	3.2	3.8	4.8	5.8	7.0	9.1	14.9	23.8	47.7
1991	4.5	4.0	4.3	5.0	6.1	7.2	9.0	14.5	24.4	49.6
1990	4.6	3.8	4.7	5.4	6.6	7.3	9.4	15.3	24.7	47.7
1989	5.0	4.3	4.8	6.2	6.6	7.9	10.4	16.6	26.5	52.7
1988	5.3	4.5	5.3	6.0	7.3	8.9	11.6	16.8	29.5	59.9
1987	5.3	4.6	5.2	5.8	7.4	8.4	11.4	17.4	29.1	58.1
1986	5.3	4.6	4.9	6.2	7.1	8.6	12.1	18.2	28.8	58.1
1985	5.5	4.9	5.8	6.7	7.6	9.2	12.2	19.1	28.0	52.8
1984	5.4	5.1	5.7	6.3	7.1	8.9	11.5	17.5	28.4	50.8
1983	5.6	5.2	6.1	7.2	8.3	9.5	12.7	18.6	28.0	47.8
1982	5.5	5.5	6.3	7.2	7.3	9.1	11.6	15.9	24.8	43.4
1981	5.7	5.6	6.6	7.3	8.4	9.6	11.9	15.4	23.9	42.1
1980	6.5	6.4	7.5	8.2	9.8	12.0	14.9	21.8	31.3	49.2
1979	6.0	6.1	6.9	7.8	8.2	10.0	12.9	16.0	23.7	37.9
Other and unspecified nontransport accidents and their sequelae (Residual)										
All races, male										
1998	6.3	6.1	6.0	7.5	8.6	10.6	16.4	23.4	41.2	78.4
1997	6.2	6.0	6.3	8.0	8.9	10.3	14.5	22.4	36.2	76.3
1996	6.2	5.6	6.1	7.0	9.1	10.8	16.0	21.8	41.4	75.9
1995	6.4	5.7	7.3	8.0	9.4	10.5	15.0	22.8	37.4	84.7
1994	6.3	6.2	6.9	8.1	8.7	10.4	14.7	22.3	37.6	75.9
1993	6.4	6.0	7.2	7.6	9.1	10.6	15.8	21.7	40.2	77.8
1992	6.1	5.4	6.4	8.1	9.4	11.4	13.6	21.7	37.6	67.4
1991	6.4	6.7	7.0	8.1	9.9	11.4	13.8	22.2	38.0	71.1
1990	6.6	6.4	8.1	9.0	10.4	11.6	14.3	23.8	35.2	65.1
1989	7.2	7.4	8.3	10.2	10.8	12.6	15.9	24.4	38.5	74.5
1988	7.6	7.7	8.6	10.3	12.1	13.7	17.2	24.2	43.3	89.4
1987	7.6	7.8	8.9	9.6	12.1	12.4	17.3	26.5	44.7	86.8
1986	7.7	7.9	8.6	10.2	11.6	13.5	18.8	27.5	38.2	86.3
1985	8.0	8.2	9.6	11.3	12.5	14.2	17.4	30.1	42.1	84.1
1984	8.0	8.5	9.8	10.5	11.4	14.3	18.4	28.2	45.2	74.4
1983	8.3	8.8	10.1	12.0	13.1	15.0	19.2	27.5	39.0	70.6
1982	8.3	9.4	10.5	12.2	12.1	14.8	18.1	24.9	34.3	63.3
1981	8.7	9.6	11.0	12.2	14.0	15.4	19.2	24.5	35.6	62.9
1980	9.6	10.6	12.6	13.5	15.6	18.7	21.6	30.5	44.8	67.9
1979	9.2	10.4	11.6	13.1	13.6	16.3	20.1	25.3	35.2	55.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified nontransport accidents and their sequelae (Residual)										
All races, female										
1998	3.3	1.3	1.6	2.1	3.0	4.5	7.0	11.8	21.4	49.3
1997	3.0	1.2	1.5	1.8	2.6	3.5	6.8	10.9	19.6	44.8
1996	3.0	1.3	1.6	2.0	2.6	4.3	7.1	9.6	18.9	45.9
1995	3.0	1.1	1.7	2.2	3.1	3.4	6.2	10.7	19.4	45.4
1994	2.8	1.4	1.4	1.8	2.5	3.6	5.4	10.3	18.7	42.4
1993	2.9	1.3	1.4	2.1	3.4	4.1	5.7	9.8	18.5	43.7
1992	2.6	1.1	1.3	1.8	2.7	3.5	5.8	10.4	16.4	40.1
1991	2.7	1.5	1.6	2.2	2.8	3.7	5.3	9.5	17.2	41.3
1990	2.8	1.4	1.5	2.1	3.3	3.9	5.9	9.9	19.2	41.0
1989	2.9	1.3	1.6	2.4	2.9	4.0	6.3	11.6	20.1	44.2
1988	3.1	1.5	2.2	2.0	3.2	4.9	7.5	12.0	22.2	48.4
1987	3.0	1.6	1.7	2.3	3.3	5.1	7.0	11.6	21.0	46.8
1986	3.1	1.5	1.4	2.6	3.3	4.5	7.1	12.4	23.9	46.9
1985	3.0	1.7	2.2	2.5	3.4	5.2	8.4	12.2	20.6	40.3
1984	2.9	1.9	1.9	2.5	3.4	4.6	6.5	10.9	19.5	41.3
1983	3.1	1.8	2.4	2.9	4.1	5.1	8.1	13.1	22.2	38.4
1982	2.9	1.8	2.5	2.8	3.1	4.6	6.8	10.2	19.7	35.1
1981	2.8	1.9	2.5	2.9	3.5	5.0	6.7	9.7	17.8	33.3
1980	3.5	2.4	2.8	3.4	4.8	6.7	10.1	16.3	24.1	41.1
1979	2.9	2.0	2.6	3.1	3.5	5.0	7.7	10.2	17.5	30.0
Other and unspecified nontransport accidents and their sequelae (Residual)										
White, both sexes										
1998	4.9	3.6	3.7	4.6	5.4	7.0	11.0	16.3	28.0	56.8
1997	4.6	3.5	3.6	4.6	5.2	6.2	9.8	14.9	24.7	53.6
1996	4.6	3.2	3.7	4.2	5.3	6.9	10.4	13.9	26.2	54.4
1995	4.7	3.1	4.1	4.7	5.6	6.2	9.4	14.9	25.1	55.0
1994	4.5	3.6	3.9	4.3	5.1	6.5	9.0	14.4	25.0	50.3
1993	4.6	3.4	3.9	4.5	5.6	6.8	9.6	14.1	25.3	51.8
1992	4.4	3.0	3.5	4.4	5.6	6.6	8.7	14.1	22.7	47.4
1991	4.5	3.9	4.0	4.6	5.7	6.7	8.4	13.5	23.1	47.8
1990	4.6	3.5	4.6	5.2	6.0	6.8	8.9	14.5	24.0	46.5
1989	4.8	3.9	4.3	5.5	5.7	7.1	9.6	15.6	24.8	49.8
1988	5.2	4.1	4.7	5.5	6.5	8.2	10.4	15.8	28.3	58.7
1987	5.2	4.3	4.7	5.3	6.8	7.6	10.7	16.6	27.8	56.1
1986	5.2	4.1	4.6	5.6	6.7	7.9	11.1	17.0	27.0	56.2
1985	5.3	4.2	5.1	6.1	6.9	8.5	11.1	17.5	25.7	50.3
1984	5.3	4.7	5.3	5.7	6.7	8.3	10.6	16.8	26.4	49.3
1983	5.4	4.6	5.5	6.4	7.4	8.5	11.6	16.9	25.7	46.0
1982	5.4	5.0	5.7	6.5	6.6	8.6	10.7	15.1	23.7	42.6
1981	5.6	5.0	6.1	6.8	7.9	8.9	11.3	14.8	22.7	40.5
1980	6.0	5.5	6.5	6.9	8.6	10.7	12.8	18.5	27.8	45.6
1979	5.8	5.5	6.2	7.3	7.6	9.4	12.3	15.1	22.8	36.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified nontransport accidents and their sequelae (Residual)										
White, male										
1998	6.5	5.8	5.8	7.3	8.3	10.1	16.1	23.2	40.0	76.3
1997	6.3	5.9	6.0	7.9	8.2	9.7	13.9	21.3	35.0	76.6
1996	6.3	5.3	6.0	6.8	8.4	10.2	15.3	20.5	40.3	75.7
1995	6.5	5.3	6.9	7.4	8.6	9.9	14.2	21.8	36.3	82.0
1994	6.3	6.0	6.5	7.3	8.3	10.1	13.9	21.3	36.9	73.5
1993	6.4	5.6	6.7	7.1	8.4	10.2	14.8	20.7	39.4	76.5
1992	6.2	5.0	6.0	7.5	9.0	10.7	12.9	20.7	35.5	67.1
1991	6.3	6.4	6.6	7.3	9.1	10.5	13.0	20.6	35.4	68.1
1990	6.5	5.7	7.9	8.6	9.4	10.6	13.3	22.4	35.1	63.0
1989	6.9	6.7	7.4	9.2	9.3	11.2	14.7	22.5	35.6	70.4
1988	7.3	6.9	7.5	9.2	10.5	12.6	15.5	22.6	41.6	87.6
1987	7.4	7.2	8.0	8.9	11.2	11.4	16.4	25.2	42.3	82.7
1986	7.5	6.8	8.0	9.0	11.0	12.5	17.8	25.3	35.8	83.9
1985	7.7	7.0	8.6	10.2	11.3	13.1	15.8	27.6	38.0	79.5
1984	7.9	7.9	9.1	9.5	10.7	13.2	16.9	27.0	41.7	72.0
1983	7.9	7.8	9.3	10.8	11.8	13.4	17.6	25.2	35.1	67.1
1982	8.1	8.4	9.5	10.9	11.0	14.1	16.4	23.9	32.0	62.8
1981	8.5	8.6	10.0	11.2	13.2	14.3	18.3	23.8	33.9	60.8
1980	9.1	9.1	11.0	11.6	13.9	16.9	19.5	27.4	41.3	64.4
1979	8.9	9.5	10.4	12.2	12.5	15.3	19.1	23.4	33.8	51.7
Other and unspecified nontransport accidents and their sequelae (Residual)										
White, female										
1998	3.4	1.3	1.5	2.0	2.8	4.4	7.0	11.6	21.1	49.0
1997	3.1	1.1	1.3	1.5	2.5	3.2	6.6	10.5	18.8	44.6
1996	3.0	1.1	1.4	1.7	2.5	4.0	6.5	9.3	18.3	46.3
1995	3.0	1.0	1.3	2.1	2.9	3.2	5.7	10.2	18.8	44.7
1994	2.8	1.2	1.3	1.6	2.3	3.5	5.2	9.7	18.5	41.5
1993	2.9	1.2	1.2	2.0	3.0	3.9	5.6	9.7	17.6	42.5
1992	2.6	1.0	1.0	1.6	2.5	3.2	5.6	9.8	15.9	40.0
1991	2.7	1.5	1.5	2.1	2.7	3.5	4.8	8.9	16.6	40.1
1990	2.7	1.3	1.5	2.0	3.1	3.6	5.6	9.4	18.1	40.2
1989	2.9	1.1	1.3	2.1	2.5	3.7	5.8	11.2	19.2	41.9
1988	3.1	1.3	2.0	2.0	3.1	4.5	6.7	11.4	21.3	47.6
1987	3.0	1.4	1.6	2.1	3.1	4.5	6.4	11.2	20.2	45.8
1986	3.0	1.4	1.3	2.4	2.9	4.2	6.2	11.7	22.5	45.4
1985	2.9	1.5	1.8	2.4	3.1	4.8	7.6	11.1	19.3	38.9
1984	2.8	1.7	1.6	2.3	3.2	4.3	6.1	10.5	18.4	40.3
1983	3.0	1.5	2.0	2.4	3.6	4.5	7.3	11.7	20.8	37.5
1982	2.8	1.6	2.1	2.5	2.8	4.2	6.5	9.7	19.3	34.4
1981	2.7	1.6	2.5	2.8	3.2	4.5	6.3	9.2	16.9	32.1
1980	3.1	2.0	2.3	2.7	3.9	5.7	8.0	12.9	20.7	37.4
1979	2.8	1.8	2.2	3.0	3.4	4.6	7.3	10.0	17.0	29.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified nontransport accidents and their sequelae (Residual)										
All other, both sexes										
1998	3.9	4.1	4.5	5.4	7.2	9.5	11.7	18.5	34.7	66.0
1997	4.1	4.0	5.0	5.7	8.3	9.6	13.2	21.4	34.9	54.6
1996	4.1	4.5	4.4	5.9	7.9	10.3	15.7	20.8	35.1	52.7
1995	4.3	4.5	6.1	7.1	9.1	9.5	15.1	21.5	33.2	69.8
1994	4.3	4.8	5.3	7.7	7.6	8.5	13.2	21.9	29.8	66.0
1993	4.4	4.9	6.0	6.8	9.7	9.5	14.0	19.0	34.5	66.6
1992	4.3	4.9	5.5	7.4	7.5	10.4	12.5	22.0	34.7	49.9
1991	4.8	4.8	6.1	7.6	9.5	11.3	14.4	23.9	37.6	68.5
1990	5.0	6.2	5.5	6.9	11.1	12.1	14.6	23.3	32.4	61.0
1989	6.0	6.9	8.2	10.6	13.4	14.3	17.4	26.0	43.4	83.6
1988	6.0	7.4	9.1	9.6	13.6	14.7	22.2	26.2	42.2	73.0
1987	5.8	6.7	8.0	9.3	11.4	14.8	17.7	24.7	43.8	80.0
1986	6.0	7.8	7.0	11.1	10.8	14.2	20.7	30.1	47.8	77.9
1985	6.5	9.1	10.2	11.2	13.2	15.6	22.9	34.8	53.2	79.8
1984	5.8	7.4	8.7	10.6	10.7	14.5	19.5	24.3	50.2	67.7
1983	6.9	9.4	10.0	13.6	16.0	18.7	23.3	35.2	53.1	67.3
1982	6.2	8.9	11.1	13.2	13.0	13.2	20.2	23.3	36.9	51.5
1981	6.3	9.5	9.8	11.6	13.0	16.5	17.9	21.3	37.8	60.5
1980	9.2	12.6	15.1	18.7	20.9	23.7	35.2	54.1	72.4	91.4
1979	7.2	9.8	12.4	12.1	13.2	16.1	19.5	25.2	33.5	57.5
Other and unspecified nontransport accidents and their sequelae (Residual)										
All other, male										
1998	5.4	7.7	7.2	8.6	10.5	14.9	18.4	25.4	54.5	97.7
1997	5.6	6.5	8.1	8.8	14.0	14.5	19.6	32.3	48.7	73.3
1996	5.7	7.3	6.9	8.5	13.4	16.1	22.4	34.5	53.4	78.6
1995	6.0	8.0	9.2	12.2	15.1	15.4	21.8	32.8	49.6	109.4
1994	6.1	7.6	9.4	13.3	12.3	13.1	22.4	32.0	45.5	98.4
1993	6.3	8.5	10.5	11.3	14.2	14.2	24.9	31.7	48.2	89.9
1992	6.1	8.6	8.7	12.2	12.3	16.8	20.1	32.4	59.2	69.7
1991	7.1	8.7	10.2	13.7	17.1	19.4	21.2	37.8	63.9	99.8
1990	7.3	11.1	10.0	12.3	18.8	19.6	23.5	37.5	36.4	84.8
1989	8.8	12.5	14.2	17.8	23.5	24.9	27.5	43.2	67.8	112.3
1988	9.1	12.8	16.3	18.5	25.7	23.5	33.1	39.7	60.7	106.3
1987	8.8	11.6	15.2	15.7	19.8	21.9	25.7	39.1	68.8	126.0
1986	8.8	15.0	12.7	19.9	16.3	22.9	28.3	47.6	63.0	108.0
1985	9.7	16.4	16.9	20.9	22.8	24.6	32.7	52.9	84.6	127.4
1984	8.7	12.4	14.8	18.8	18.0	24.8	32.4	38.6	80.2	97.2
1983	10.1	15.9	16.7	22.0	25.5	29.8	34.5	48.7	79.4	104.3
1982	9.5	16.6	18.1	22.4	22.5	20.8	34.6	34.6	57.4	68.7
1981	9.7	16.4	18.6	20.7	22.0	25.3	27.9	31.2	53.8	84.4
1980	12.8	21.7	25.5	30.6	31.2	34.5	41.8	59.7	82.5	103.7
1979	11.2	17.4	21.6	21.2	23.8	26.1	29.9	41.8	50.0	94.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified nontransport accidents and their sequelae (Residual)										
All other, female										
1998	2.6	*	2.1	2.7	4.5	5.4	7.2	14.2	24.3	52.7
1997	2.7	1.9	2.3	3.1	3.7	5.8	8.8	14.4	27.5	46.8
1996	2.7	2.1	2.3	3.7	3.5	6.1	11.2	12.3	25.4	41.8
1995	2.8	1.5	3.5	2.9	4.4	5.1	10.5	14.5	24.5	53.0
1994	2.6	2.3	*	3.1	4.0	5.1	6.9	15.7	21.3	52.1
1993	2.8	1.8	2.2	3.1	6.2	5.9	6.5	11.3	27.1	56.6
1992	2.7	*	2.8	3.5	3.8	5.7	7.3	15.6	21.2	41.3
1991	2.8	*	2.6	2.6	3.8	5.2	9.8	15.2	23.1	54.6
1990	2.9	1.9	*	2.7	5.2	6.6	8.5	14.4	30.1	50.3
1989	3.4	2.1	3.1	4.7	5.7	6.4	10.4	15.2	29.7	69.9
1988	3.3	2.7	3.1	*	4.4	8.1	14.7	17.6	31.4	57.4
1987	3.1	2.5	*	4.2	4.9	9.5	12.2	15.5	29.6	58.3
1986	3.5	*	*	4.1	6.6	7.7	15.6	18.8	39.2	63.5
1985	3.5	2.8	4.7	3.5	5.7	8.9	16.1	22.9	35.0	56.7
1984	3.2	3.1	3.7	4.1	4.9	6.9	10.6	14.8	32.6	53.1
1983	3.9	3.9	4.6	6.8	8.4	10.4	15.5	26.2	37.6	48.9
1982	3.3	*	5.4	5.6	5.4	7.4	9.7	15.8	24.8	42.9
1981	3.3	3.6	2.7	4.1	5.7	9.9	10.6	14.5	28.0	48.0
1980	6.1	5.1	6.7	8.9	12.7	15.5	30.3	50.2	66.2	85.1
1979	3.4	3.6	5.0	4.5	4.7	8.4	11.5	13.2	23.2	38.6
Other and unspecified nontransport accidents and their sequelae (Residual)										
Black, both sexes										
1998	4.7	5.1	5.5	6.8	8.5	11.0	13.2	22.2	38.1	73.4
1997	4.8	4.8	6.2	6.6	9.7	11.2	14.9	24.7	38.6	57.3
1996	4.7	5.4	5.8	6.9	8.9	12.3	17.9	21.9	38.8	54.2
1995	5.1	5.6	7.5	8.1	11.0	11.1	18.4	26.1	38.8	74.3
1994	4.9	5.5	6.2	8.5	8.8	10.0	15.3	23.7	31.3	69.9
1993	5.1	5.7	7.0	8.3	11.1	11.1	15.5	21.2	36.0	71.1
1992	4.7	5.5	6.3	8.5	8.7	11.6	14.8	24.1	37.7	52.3
1991	5.5	5.6	7.1	8.8	10.7	12.0	15.5	26.5	40.9	70.9
1990	5.5	7.2	6.6	7.8	12.1	12.7	15.8	25.0	33.3	66.0
1989	6.8	8.2	9.6	12.1	15.4	16.5	19.5	29.4	45.7	87.7
1988	6.8	8.8	10.6	10.3	14.6	16.0	24.0	29.6	40.4	75.2
1987	6.4	7.7	9.6	9.8	12.9	16.5	18.1	26.3	45.2	78.4
1986	6.7	8.8	8.2	12.4	11.9	15.9	22.6	31.8	51.0	83.1
1985	7.1	9.9	11.8	12.7	15.1	17.1	24.8	37.0	55.9	82.1
1984	6.4	8.1	9.2	12.0	11.3	15.4	20.8	25.9	51.7	70.5
1983	7.5	10.9	10.9	14.5	17.5	20.6	24.8	37.1	55.9	69.6
1982	6.5	10.1	11.4	14.5	13.1	14.1	21.4	24.9	37.2	48.3
1981	6.8	10.5	10.6	12.5	13.8	17.3	20.1	23.6	39.7	58.9
1980	10.0	14.4	16.1	20.6	22.2	25.7	37.7	58.8	80.4	95.6
1979	7.4	10.3	13.0	13.0	13.1	16.6	19.1	24.7	32.3	56.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified nontransport accidents and their sequelae (Residual)										
Black, male										
1998	6.4	9.7	9.1	11.3	12.2	17.6	21.2	30.1	63.1	110.0
1997	6.5	7.6	10.0	10.0	16.4	17.0	21.3	40.2	54.7	80.0
1996	6.4	9.0	9.2	10.3	15.5	19.9	25.9	34.3	58.3	80.4
1995	7.1	10.1	11.8	14.1	18.4	17.7	26.5	39.6	63.5	119.4
1994	7.0	8.7	11.3	15.5	14.6	15.5	27.0	36.1	49.7	109.1
1993	7.2	10.0	13.4	14.3	16.0	17.2	27.7	35.3	48.6	103.5
1992	6.6	9.3	9.9	14.4	14.3	19.3	23.8	38.1	65.8	70.1
1991	8.0	10.2	11.8	16.3	18.8	20.6	22.5	44.0	70.8	101.5
1990	8.1	12.7	12.4	13.7	21.3	20.5	26.9	40.3	36.6	96.6
1989	10.1	14.8	16.6	19.9	26.7	28.9	31.7	51.1	71.1	119.7
1988	10.1	15.4	19.1	19.7	27.5	25.3	35.2	45.8	58.5	112.3
1987	9.7	13.8	18.8	16.0	22.5	24.5	28.1	40.6	73.9	129.7
1986	9.8	16.7	15.3	21.6	17.6	26.2	31.0	52.9	66.7	117.5
1985	10.8	19.0	19.6	23.6	25.9	27.4	37.0	55.3	92.0	130.6
1984	9.4	13.6	15.7	21.2	19.1	26.7	35.5	42.5	84.5	98.4
1983	11.0	18.9	17.9	24.2	28.0	32.8	37.3	50.9	81.7	108.3
1982	9.9	18.9	18.6	25.1	22.7	23.1	38.0	39.1	53.8	63.8
1981	10.4	18.7	19.7	22.0	23.7	26.7	31.8	35.4	55.8	78.6
1980	13.6	24.5	27.8	33.3	32.6	37.3	43.9	63.4	93.3	105.6
1979	11.6	18.3	22.8	22.6	23.4	28.1	30.1	42.2	45.5	92.3
Other and unspecified nontransport accidents and their sequelae (Residual)										
Black, female										
1998	3.1	*	2.5	3.1	5.5	6.1	8.0	17.4	25.9	59.5
1997	3.2	2.5	3.1	3.8	4.6	6.9	10.7	15.3	30.8	48.7
1996	3.2	2.4	2.9	4.1	3.7	6.7	12.7	14.5	29.3	44.2
1995	3.4	*	4.0	3.3	5.3	6.2	13.1	18.0	26.8	56.8
1994	2.9	2.7	*	*	4.3	5.9	7.7	16.5	22.2	54.6
1993	3.2	*	*	3.5	7.3	6.7	7.5	13.1	29.6	58.3
1992	3.1	*	3.3	3.7	4.5	6.0	8.8	15.9	23.4	45.2
1991	3.2	*	3.3	*	4.5	5.8	10.8	16.3	25.8	58.4
1990	3.2	2.6	*	*	5.2	7.0	8.6	16.1	31.6	53.1
1989	3.9	2.6	3.9	5.9	6.9	7.5	11.5	16.6	32.4	74.5
1988	3.8	3.4	3.7	*	4.7	9.3	16.6	19.9	30.9	59.1
1987	3.5	*	*	4.9	5.5	10.7	11.4	17.6	29.8	55.6
1986	3.9	*	*	4.9	7.6	8.3	17.0	18.9	42.4	67.4
1985	3.8	*	5.4	3.9	6.7	9.5	16.7	25.6	36.1	59.4
1984	3.6	3.6	3.9	4.4	5.3	7.0	10.9	15.4	33.6	57.4
1983	4.4	4.3	5.3	6.7	9.3	11.6	16.4	28.2	41.4	50.8
1982	3.5	*	5.6	5.8	5.5	7.5	9.9	15.9	27.5	40.7
1981	3.6	3.8	3.2	4.7	6.0	10.4	12.0	16.0	30.3	48.7
1980	6.8	6.0	6.7	10.1	14.0	17.0	33.4	55.8	72.7	90.5
1979	3.6	3.6	5.0	5.0	4.9	8.0	11.1	12.7	24.2	38.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) (E950-E959)										
All races, both sexes										
1998	11.1	15.1	14.0	13.6	12.1	13.0	15.0	17.6	22.6	21.1
1997	11.2	15.0	13.9	14.3	12.2	13.1	15.5	18.4	20.3	20.6
1996	11.5	15.0	14.5	14.1	13.0	14.2	15.7	18.5	21.9	20.0
1995	11.7	14.5	14.2	12.8	13.5	14.4	17.1	19.5	22.2	21.3
1994	11.8	14.3	14.1	13.3	13.3	13.8	16.9	20.5	22.4	22.8
1993	12.0	14.2	14.8	14.5	14.6	14.9	17.8	20.8	24.4	22.6
1992	11.9	14.6	14.6	14.6	14.9	15.6	17.5	21.7	24.6	21.5
1991	12.2	15.6	15.2	15.4	15.4	15.7	18.3	22.2	25.5	23.8
1990	12.4	15.0	14.7	16.1	15.9	16.6	19.6	23.9	26.4	22.2
1989	12.2	14.6	15.1	15.7	15.8	17.5	19.4	22.4	23.8	23.4
1988	12.4	14.7	14.9	16.0	15.6	17.5	20.2	24.5	27.4	21.0
1987	12.7	15.7	16.4	16.8	16.8	18.0	21.7	25.4	26.0	22.5
1986	12.9	16.0	17.1	17.2	17.2	17.9	22.5	25.4	24.4	21.1
1985	12.4	15.5	15.9	17.2	16.4	16.9	20.8	23.3	25.0	19.4
1984	12.4	16.3	16.3	18.0	16.7	17.4	20.8	21.3	22.8	18.6
1983	12.1	15.4	17.0	17.3	15.9	16.5	19.4	21.4	23.4	19.4
1982	12.2	16.3	16.8	17.4	16.5	16.6	18.5	20.7	20.0	17.6
1981	12.0	15.9	16.2	17.2	15.4	15.6	16.9	18.4	19.1	17.8
1980	11.9	15.3	16.4	16.3	15.5	16.2	17.8	19.6	18.3	19.2
1979	12.1	16.0	17.0	16.3	17.0	17.5	18.2	20.9	20.6	17.9
Intentional self-harm (suicide) (E950-E959)										
All races, male										
1998	18.2	23.6	21.4	21.7	20.0	23.2	29.1	36.4	52.8	59.8
1997	18.3	23.0	20.9	23.0	20.9	23.6	29.1	37.6	47.1	61.0
1996	19.0	23.4	22.3	23.3	21.4	25.1	30.3	39.3	50.6	60.5
1995	19.5	22.5	22.4	21.0	22.7	25.2	32.4	40.8	51.8	62.7
1994	19.6	22.1	21.6	21.3	22.4	24.1	31.8	43.4	53.4	66.2
1993	19.7	21.5	23.0	23.4	24.1	25.9	33.5	43.2	58.8	67.9
1992	19.5	22.3	22.2	23.5	24.5	27.3	33.0	45.3	58.5	62.4
1991	20.1	23.3	24.0	24.8	25.8	27.1	35.2	47.6	62.4	69.5
1990	20.4	23.5	22.8	25.0	26.5	28.9	36.6	51.8	63.6	65.9
1989	20.0	22.1	23.1	24.3	25.9	31.0	38.5	48.1	57.7	68.2
1988	20.2	21.1	22.7	25.3	25.6	30.9	38.2	52.1	66.6	61.5
1987	20.6	23.1	24.8	26.5	27.6	31.1	42.0	54.1	62.9	67.5
1986	20.7	23.8	25.5	26.8	27.3	31.4	42.8	53.1	58.0	62.1
1985	20.0	23.0	24.2	27.1	27.1	29.6	39.6	48.6	61.4	56.2
1984	19.8	23.5	24.0	27.7	27.0	29.5	39.8	45.3	54.3	52.2
1983	19.2	22.4	25.4	26.4	25.4	28.0	36.2	45.2	56.4	54.2
1982	19.2	23.4	24.7	26.2	26.3	28.2	35.1	43.7	48.2	50.6
1981	18.7	22.1	22.8	25.2	24.8	26.1	31.5	38.8	46.2	50.5
1980	18.6	21.9	23.8	24.9	23.9	28.1	33.5	41.5	43.8	50.6
1979	18.6	21.9	23.7	24.0	26.1	29.6	33.9	43.0	47.9	47.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) (E950-E959)										
All races, female										
1998	4.3	6.9	6.9	6.0	4.9	4.4	4.1	4.6	5.2	5.7
1997	4.3	7.2	7.1	6.2	4.4	4.3	5.1	5.1	5.0	4.8
1996	4.3	6.8	7.0	5.5	5.4	5.1	4.4	4.3	5.7	4.3
1995	4.3	6.8	6.4	5.3	5.3	5.4	5.4	5.1	5.8	5.4
1994	4.4	6.8	7.1	5.8	5.2	5.3	5.5	5.1	5.4	6.1
1993	4.6	7.1	7.0	6.4	6.1	5.9	5.9	5.8	5.7	5.3
1992	4.6	7.2	7.3	6.5	6.5	6.0	5.8	6.1	6.3	6.0
1991	4.7	8.2	6.9	6.9	6.2	6.4	5.6	5.6	5.8	6.2
1990	4.8	6.8	7.0	8.0	6.7	6.5	7.0	6.0	6.7	5.4
1989	4.8	7.3	7.5	7.8	7.0	6.5	5.3	5.9	5.9	5.9
1988	5.0	8.4	7.5	7.6	7.0	6.6	7.0	6.9	6.8	5.2
1987	5.2	8.6	8.6	7.9	7.5	7.4	6.9	7.2	6.6	4.7
1986	5.4	8.5	9.2	8.5	8.5	6.9	7.7	7.9	6.8	4.8
1985	5.2	8.4	8.2	8.2	7.3	6.7	7.2	7.3	5.9	4.7
1984	5.4	9.4	9.1	9.2	7.8	7.6	7.0	6.3	6.2	5.0
1983	5.4	8.8	9.2	9.1	7.7	7.3	7.3	6.5	6.0	5.2
1982	5.6	9.6	9.4	9.5	8.1	7.2	6.5	6.3	5.1	3.8
1981	5.8	10.1	10.1	10.1	7.4	7.2	6.4	5.5	4.7	3.8
1980	5.5	9.1	9.6	8.6	8.2	6.6	6.4	5.9	4.7	5.5
1979	6.0	10.4	10.9	9.4	9.2	7.9	6.8	7.0	5.9	4.7
Intentional self-harm (suicide) (E950-E959)										
White, both sexes										
1998	12.2	16.6	15.3	14.9	13.2	14.0	16.1	18.8	23.8	22.5
1997	12.3	16.5	15.2	15.5	13.2	13.9	16.5	19.6	21.4	21.7
1996	12.5	16.4	15.8	15.4	14.0	15.3	16.5	19.7	23.2	21.4
1995	12.8	15.9	15.5	14.0	14.5	15.3	18.0	20.7	23.8	22.7
1994	12.8	15.6	15.6	14.4	14.4	14.7	17.8	21.9	23.8	24.1
1993	13.0	15.4	16.0	15.8	15.8	16.0	18.9	22.1	25.9	24.0
1992	12.9	15.7	15.8	16.2	16.1	16.7	18.7	23.1	25.9	22.9
1991	13.2	16.8	16.5	16.6	16.4	16.7	19.4	23.5	27.0	25.2
1990	13.5	16.1	15.8	17.5	17.1	17.7	20.8	25.8	28.3	23.3
1989	13.2	15.8	16.4	17.1	16.8	18.4	20.7	24.0	25.2	24.7
1988	13.5	15.8	16.0	17.4	16.8	18.6	21.7	26.2	29.2	22.3
1987	13.8	17.0	17.8	18.3	18.0	19.0	23.0	27.2	27.3	23.6
1986	14.0	17.3	18.6	18.6	18.3	18.9	23.9	27.2	25.9	22.3
1985	13.4	16.7	17.3	18.5	17.5	17.9	22.1	24.9	26.3	20.6
1984	13.5	17.6	17.6	19.2	17.8	18.5	22.1	22.8	24.3	19.6
1983	13.1	16.5	18.5	18.5	17.1	17.7	20.7	22.8	24.5	20.5
1982	13.2	17.8	18.0	18.6	17.7	17.7	19.8	22.2	21.0	18.6
1981	12.9	17.1	17.5	18.3	16.4	16.7	18.1	19.4	20.1	18.6
1980	12.7	16.5	17.6	17.3	16.5	17.3	19.0	21.0	19.2	19.9
1979	12.9	17.0	18.2	17.3	18.0	18.6	19.2	22.2	21.5	18.8

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) (E950-E959)										
White, male										
1998	19.9	25.6	23.2	23.6	21.7	24.5	31.0	38.9	55.5	64.5
1997	20.0	25.2	22.7	24.7	22.4	24.9	30.8	40.0	49.5	65.2
1996	20.6	25.4	24.3	25.3	22.9	26.9	32.1	41.8	53.9	65.5
1995	21.1	24.4	24.2	22.6	24.3	26.8	33.9	43.2	55.3	67.9
1994	21.1	23.9	23.7	23.0	24.0	25.5	33.4	46.2	56.7	71.0
1993	21.2	23.0	24.6	25.2	26.0	27.6	35.6	46.1	62.6	73.2
1992	21.1	23.9	23.9	25.7	26.2	29.3	35.0	48.2	61.6	67.1
1991	21.7	24.6	26.0	26.3	27.2	28.7	37.3	50.2	66.3	74.8
1990	22.0	25.1	24.3	26.9	28.2	30.8	38.6	55.6	68.4	70.3
1989	21.5	23.8	25.1	26.3	27.4	32.5	40.7	51.6	61.9	72.9
1988	21.8	22.6	24.3	27.2	27.3	32.7	40.8	55.6	71.8	66.5
1987	22.2	24.7	26.7	28.6	29.3	32.6	44.3	57.9	66.3	72.1
1986	22.4	25.5	27.4	28.8	29.0	32.9	45.4	57.2	61.8	66.5
1985	21.6	24.5	25.9	28.8	28.7	31.1	42.1	52.6	65.2	60.9
1984	21.3	25.2	25.7	29.4	28.5	31.3	42.1	48.4	58.3	56.3
1983	20.7	23.6	27.4	28.0	27.0	29.7	38.4	48.6	59.4	57.9
1982	20.7	25.3	26.2	27.9	28.1	29.9	37.6	47.2	50.9	54.5
1981	20.0	23.2	24.5	26.6	26.1	27.7	33.9	41.2	48.7	54.0
1980	19.9	23.2	25.3	26.2	25.4	30.0	35.9	44.9	46.5	52.8
1979	19.6	23.0	25.0	25.3	27.5	31.5	35.9	46.5	51.0	50.2
Intentional self-harm (suicide) (E950-E959)										
White, female										
1998	4.8	7.7	7.5	6.6	5.4	4.8	4.4	4.8	5.4	5.9
1997	4.8	8.0	7.9	6.8	4.7	4.5	5.3	5.4	5.2	4.8
1996	4.7	7.5	7.7	6.0	5.8	5.4	4.5	4.5	5.9	4.4
1995	4.8	7.5	7.2	5.8	5.7	5.6	5.7	5.4	6.2	5.5
1994	4.9	7.4	7.9	6.2	5.6	5.7	5.8	5.4	5.7	6.4
1993	5.0	7.8	7.6	7.0	6.6	6.4	6.1	6.1	6.0	5.4
1992	5.0	7.7	8.1	7.3	7.0	6.3	6.2	6.5	6.7	6.2
1991	5.1	9.1	7.4	7.6	6.6	6.9	5.8	5.9	6.1	6.5
1990	5.3	7.4	7.6	8.7	7.3	6.9	7.4	6.5	7.1	5.4
1989	5.3	8.0	8.1	8.5	7.5	6.9	5.7	6.3	5.9	6.3
1988	5.5	9.2	8.1	8.3	7.6	7.1	7.5	7.5	6.9	5.4
1987	5.8	9.6	9.3	8.8	8.1	7.9	7.3	7.7	7.0	4.8
1986	5.9	9.4	10.1	9.1	9.0	7.4	8.1	8.3	7.2	5.0
1985	5.6	9.2	9.0	9.1	7.7	7.1	7.4	7.5	6.1	4.8
1984	6.0	10.2	9.9	9.9	8.4	8.1	7.5	6.8	6.6	5.1
1983	5.9	9.7	10.1	9.8	8.3	8.0	7.8	6.8	6.3	5.4
1982	6.1	10.5	10.3	10.3	8.7	7.8	6.9	6.7	5.3	3.9
1981	6.2	11.1	11.0	10.8	8.0	7.8	6.6	5.8	5.0	3.7
1980	5.9	10.0	10.3	9.3	8.9	7.2	6.9	6.2	4.9	5.8
1979	6.5	11.3	11.9	10.1	9.7	8.3	7.2	7.2	5.9	5.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) (E950-E959)										
All other, both sexes										
1998	5.9	7.2	6.4	5.6	4.9	6.4	6.3	6.7	10.1	7.2
1997	6.3	6.8	5.8	7.0	6.2	7.3	7.9	7.3	9.4	9.5
1996	6.5	7.0	6.3	6.1	6.4	6.5	8.1	7.7	7.9	6.3
1995	6.7	6.9	6.3	5.8	6.7	7.5	9.5	8.1	6.9	7.2
1994	7.1	7.0	5.0	6.5	6.2	7.3	8.3	7.5	8.1	8.8
1993	7.0	7.1	7.6	6.5	6.0	6.3	8.3	7.8	9.2	8.5
1992	6.7	7.7	6.8	4.6	6.7	6.3	6.7	7.9	11.2	7.9
1991	6.8	8.6	7.0	7.6	7.9	6.9	8.4	10.1	10.1	8.6
1990	7.0	7.8	7.6	7.2	6.8	7.0	9.0	6.8	7.0	11.1
1989	7.1	6.6	6.5	5.7	8.0	9.4	7.7	7.1	9.0	9.4
1988	6.8	7.6	7.4	6.4	6.1	7.7	6.9	8.1	8.8	*
1987	6.9	7.7	7.6	5.6	7.4	9.4	10.3	8.7	11.4	10.0
1986	6.7	7.6	7.4	7.2	7.7	9.4	9.9	8.0	8.8	*
1985	6.6	8.1	6.9	7.1	7.4	8.6	9.3	7.7	10.6	*
1984	6.5	8.2	7.1	8.5	7.9	7.2	9.1	7.3	*	*
1983	6.2	8.3	6.4	7.7	6.1	6.0	7.9	7.9	11.1	*
1982	6.2	6.7	7.4	7.2	5.9	6.9	6.4	5.9	9.5	*
1981	6.5	8.4	6.0	8.6	6.6	6.2	6.4	8.2	*	*
1980	6.4	7.5	7.6	7.6	6.1	6.0	5.9	5.7	*	*
1979	7.3	8.7	7.6	7.7	8.2	7.5	8.2	7.5	9.4	*
Intentional self-harm (suicide) (E950-E959)										
All other, male										
1998	10.0	12.1	9.9	9.5	8.5	12.8	12.9	12.3	23.2	*
1997	10.7	10.7	9.2	12.5	10.9	13.6	14.2	15.1	21.0	21.6
1996	10.9	11.4	9.9	10.3	10.6	11.0	14.5	15.7	16.6	*
1995	11.5	11.3	10.9	10.0	11.8	12.2	18.5	16.8	16.3	*
1994	12.1	11.2	7.9	10.2	10.7	12.9	16.6	15.4	19.5	22.0
1993	11.9	12.0	12.9	11.2	9.8	11.5	13.9	14.5	20.8	*
1992	11.5	12.1	11.1	7.8	11.4	10.5	13.5	16.9	26.9	*
1991	11.7	14.8	11.0	14.0	14.1	13.2	15.5	21.6	22.9	*
1990	11.9	12.9	12.6	11.3	12.5	12.0	17.5	15.2	*	24.6
1989	12.0	10.9	9.7	9.2	13.3	17.4	16.8	14.4	*	24.7
1988	11.5	11.6	12.0	11.1	11.3	14.3	12.9	19.2	*	*
1987	11.7	13.1	12.1	9.9	12.6	18.1	20.2	18.6	28.6	*
1986	11.2	12.6	11.4	10.7	12.0	17.9	18.1	15.2	19.4	*
1985	11.1	13.3	11.2	13.2	12.4	15.8	16.0	11.7	23.1	*
1984	10.8	12.3	11.0	14.1	13.4	12.4	17.9	16.8	*	*
1983	10.3	13.7	10.0	12.7	10.7	12.3	15.4	13.7	25.8	*
1982	10.4	10.5	12.6	11.9	9.9	12.9	12.1	11.5	*	*
1981	10.5	14.3	9.2	13.7	12.3	11.3	9.5	17.2	*	*
1980	10.6	12.2	12.1	13.4	10.5	11.2	10.9	*	*	*
1979	12.0	14.2	12.9	12.0	12.4	12.1	15.5	11.4	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) (E950-E959)										
All other, female										
1998	2.2	3.0	3.4	2.3	*	*	*	*	*	*
1997	2.3	3.5	2.9	2.5	*	*	3.5	*	*	*
1996	2.4	3.2	3.2	2.7	3.1	3.2	3.8	*	*	*
1995	2.4	3.2	2.3	2.4	2.7	4.0	*	*	*	*
1994	2.4	3.4	2.5	3.5	2.7	3.1	*	*	*	*
1993	2.6	2.8	3.1	2.7	3.1	*	4.4	*	*	*
1992	2.4	4.0	3.2	*	3.2	3.1	*	*	*	*
1991	2.3	3.3	3.6	*	3.2	*	*	*	*	*
1990	2.6	3.4	3.3	3.9	*	3.4	*	*	*	*
1989	2.7	3.0	3.9	3.0	3.9	3.4	*	*	*	*
1988	2.6	4.1	3.5	2.7	*	*	*	*	*	*
1987	2.5	3.0	3.8	*	3.4	*	*	*	*	*
1986	2.7	3.4	4.0	4.4	4.4	*	*	*	*	*
1985	2.5	3.7	3.4	*	3.5	*	4.6	*	*	*
1984	2.6	4.8	3.9	3.9	3.6	*	*	*	*	*
1983	2.5	3.6	3.5	3.7	*	*	*	*	*	*
1982	2.5	3.5	3.2	3.4	*	*	*	*	*	*
1981	2.9	3.5	3.5	4.4	*	*	*	*	*	*
1980	2.6	3.7	3.9	*	*	*	*	*	*	*
1979	3.1	4.1	3.3	4.1	4.9	4.0	*	*	*	*
Intentional self-harm (suicide) (E950-E959)										
Black, both sexes										
1998	5.6	7.4	6.0	4.8	4.7	6.3	4.4	6.1	*	*
1997	6.0	6.5	5.1	6.0	5.6	6.3	7.0	5.7	6.2	*
1996	6.3	6.8	6.7	5.2	6.7	6.5	7.0	5.7	6.1	*
1995	6.6	7.0	6.4	5.4	5.9	6.3	8.8	7.2	*	*
1994	6.8	7.2	4.5	6.0	4.9	7.1	8.7	6.4	6.2	*
1993	6.9	7.4	7.7	6.3	4.9	5.5	7.1	7.3	8.0	*
1992	6.7	7.7	6.5	4.4	6.7	6.0	6.4	6.7	8.3	*
1991	6.7	9.1	6.9	7.1	6.5	7.1	7.3	8.6	8.7	*
1990	6.9	9.1	7.7	6.4	6.0	6.7	8.6	5.6	*	*
1989	7.1	6.8	6.7	5.8	7.2	9.4	6.8	6.5	*	*
1988	6.8	7.8	7.2	6.7	6.4	7.8	6.0	8.0	*	*
1987	6.7	7.3	7.0	5.0	7.0	9.2	9.6	8.8	9.5	*
1986	6.5	7.9	7.3	6.8	7.3	8.6	9.0	7.3	7.8	*
1985	6.3	8.2	7.6	6.0	7.3	7.5	8.9	7.7	10.2	*
1984	6.2	7.6	6.8	8.0	7.9	6.2	9.2	6.7	*	*
1983	5.8	7.8	6.5	6.9	5.6	6.3	6.9	5.9	*	*
1982	6.0	6.1	7.8	7.3	5.6	6.5	5.9	*	*	*
1981	6.1	8.1	5.6	8.1	6.2	5.5	6.2	8.2	*	*
1980	6.0	7.0	6.9	6.6	6.3	5.9	5.3	*	*	*
1979	6.9	7.8	7.8	7.7	8.0	7.3	7.0	5.1	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) (E950-E959)										
Black, male										
1998	9.8	12.8	10.6	8.6	8.5	13.2	10.1	12.4	*	*
1997	10.6	10.7	8.5	11.3	10.1	12.4	14.5	13.2	*	*
1996	11.1	12.1	10.7	10.3	12.3	12.4	14.0	12.1	*	*
1995	11.7	12.4	12.0	10.0	11.0	10.4	18.5	16.7	*	*
1994	12.2	12.2	8.1	10.3	9.0	12.9	18.6	14.6	*	*
1993	12.3	13.4	14.4	11.6	7.2	10.2	14.2	14.3	20.0	*
1992	11.9	12.6	11.8	7.8	12.4	10.9	13.4	16.6	22.6	*
1991	12.0	16.4	11.5	13.3	12.5	13.7	14.1	21.7	21.9	*
1990	12.0	15.5	14.0	10.7	11.0	11.6	19.0	14.0	*	*
1989	12.4	11.7	10.3	10.2	12.9	17.9	15.9	15.2	*	*
1988	11.7	12.0	11.7	11.8	11.5	14.8	13.2	19.2	*	*
1987	11.8	13.8	12.3	10.0	12.5	18.7	19.7	19.4	23.9	*
1986	11.2	13.6	12.2	10.1	11.1	17.2	17.3	14.5	*	*
1985	11.0	14.4	12.6	11.8	12.6	15.6	18.3	*	24.1	*
1984	10.7	11.6	11.7	13.9	14.2	11.0	19.2	16.8	*	*
1983	10.0	13.7	10.5	13.4	10.4	13.1	15.2	12.1	*	*
1982	10.2	9.8	13.4	13.3	10.3	12.3	11.6	*	*	*
1981	10.3	14.9	9.3	13.1	11.7	10.2	8.8	18.4	*	*
1980	10.3	11.8	12.2	12.2	11.1	11.4	10.7	*	*	*
1979	11.5	13.5	14.0	12.7	12.9	13.0	14.2	*	*	*
Intentional self-harm (suicide) (E950-E959)										
Black, female										
1998	1.7	2.8	*	*	*	*	*	*	*	*
1997	1.8	3.0	2.4	*	*	*	*	*	*	*
1996	1.9	2.3	3.4	*	*	*	*	*	*	*
1995	2.0	2.5	*	*	*	*	*	*	*	*
1994	2.0	3.1	*	*	*	*	*	*	*	*
1993	2.1	2.2	*	*	*	*	*	*	*	*
1992	2.0	3.7	*	*	*	*	*	*	*	*
1991	1.9	2.9	3.1	*	*	*	*	*	*	*
1990	2.3	3.6	*	*	*	*	*	*	*	*
1989	2.4	2.6	3.8	*	*	*	*	*	*	*
1988	2.4	4.3	3.5	*	*	*	*	*	*	*
1987	2.1	*	*	*	*	*	*	*	*	*
1986	2.3	3.1	3.4	4.1	4.4	*	*	*	*	*
1985	2.1	3.1	3.6	*	*	*	*	*	*	*
1984	2.2	4.3	*	*	*	*	*	*	*	*
1983	2.1	*	3.2	*	*	*	*	*	*	*
1982	2.2	*	3.2	*	*	*	*	*	*	*
1981	2.4	*	*	4.0	*	*	*	*	*	*
1980	2.2	*	*	*	*	*	*	*	*	*
1979	2.8	*	*	3.6	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
All races, both sexes										
1998	6.3	7.7	7.3	8.3	8.0	8.8	11.0	13.2	16.4	13.5
1997	6.4	7.7	7.8	8.9	7.8	9.3	11.2	13.1	14.4	12.6
1996	6.7	8.1	8.5	8.6	8.5	10.1	11.6	13.4	15.6	13.2
1995	6.9	7.7	8.3	8.1	9.0	9.9	12.3	14.4	15.7	13.5
1994	7.1	8.0	8.2	8.2	8.8	9.6	12.0	15.0	15.8	14.0
1993	7.3	7.9	9.1	9.2	9.8	10.2	12.5	14.9	17.4	14.0
1992	7.1	8.2	8.5	9.4	9.3	10.8	12.8	15.1	16.3	12.8
1991	7.3	8.8	8.9	9.4	9.6	10.8	13.1	16.0	17.5	14.0
1990	7.6	8.8	8.7	10.2	10.3	11.5	13.6	17.2	17.9	13.3
1989	7.4	8.3	9.2	9.7	10.2	12.0	13.8	15.8	15.7	13.7
1988	7.4	8.3	9.1	9.9	10.3	11.6	14.1	16.8	18.5	12.0
1987	7.5	8.8	9.6	10.3	10.7	12.1	14.9	17.3	17.0	12.5
1986	7.6	9.0	9.9	10.3	10.8	12.1	15.3	17.1	15.6	11.5
1985	7.3	8.8	9.5	10.2	10.4	11.2	14.4	15.4	16.1	10.9
1984	7.3	9.0	9.3	10.7	10.4	11.4	13.9	14.5	14.1	10.1
1983	7.1	8.5	9.9	10.1	10.1	10.9	12.8	13.7	13.9	11.0
1982	7.1	9.3	9.4	9.9	10.1	10.4	12.3	13.4	12.3	9.6
1981	7.0	9.0	9.2	9.9	9.6	9.6	10.6	11.6	11.2	9.9
1980	6.8	8.2	9.0	9.1	9.1	10.0	11.0	11.5	10.5	10.2
1979	6.9	8.7	9.2	9.4	9.8	10.9	11.0	12.4	12.2	8.5
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
All races, male										
1998	11.2	12.9	12.7	14.6	14.5	17.2	23.0	29.5	41.9	44.8
1997	11.4	13.1	13.3	15.9	14.6	17.9	23.1	30.0	36.9	42.9
1996	12.0	14.0	14.2	15.6	15.4	19.6	24.4	31.0	39.9	45.0
1995	12.3	13.0	14.2	14.4	16.1	19.1	25.8	32.9	40.7	45.4
1994	12.7	13.6	13.7	15.0	16.2	18.6	25.0	34.8	41.8	47.6
1993	12.9	13.2	15.5	16.2	18.1	19.5	26.3	34.5	46.7	48.1
1992	12.6	13.7	14.6	16.7	17.2	20.9	26.4	35.0	43.7	43.5
1991	13.1	14.7	15.7	17.2	18.0	20.5	27.6	38.1	47.4	47.9
1990	13.4	14.9	15.0	18.0	19.1	22.3	28.6	41.2	48.3	46.1
1989	13.0	13.9	15.9	16.8	18.5	23.6	29.8	37.5	42.4	46.7
1988	13.1	13.5	15.6	17.5	19.0	23.1	29.7	39.7	50.8	39.8
1987	13.2	14.3	16.8	18.1	19.7	23.4	32.2	41.0	46.4	42.1
1986	13.3	15.2	16.8	18.1	19.8	23.6	32.6	41.0	42.7	39.3
1985	12.8	14.7	16.2	17.8	19.2	21.9	30.7	36.3	44.3	36.0
1984	12.6	15.0	15.6	18.8	19.2	22.4	30.1	34.7	39.0	32.8
1983	12.3	13.8	16.7	17.7	18.2	20.7	27.3	32.9	38.8	36.2
1982	12.3	15.0	15.7	17.2	18.5	20.4	26.8	32.4	34.0	31.8
1981	12.0	14.4	15.2	16.9	17.6	18.4	23.1	27.8	31.6	32.1
1980	11.8	13.5	15.0	15.9	16.3	20.0	23.8	28.3	28.6	32.0
1979	11.8	13.8	15.2	15.9	17.8	21.4	23.8	29.9	33.0	26.6

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
All races, female										
1998	1.6	2.7	2.2	2.3	2.0	1.6	1.7	1.9	1.6	1.0
1997	1.7	2.6	2.5	2.4	1.7	2.0	2.1	1.5	1.5	0.8
1996	1.7	2.4	3.1	2.1	2.2	2.1	1.7	1.5	2.0	0.8
1995	1.8	2.5	2.7	2.2	2.5	2.3	2.0	1.9	1.8	1.2
1994	1.8	2.7	2.9	1.9	2.2	2.1	2.0	1.8	1.6	1.1
1993	1.9	2.8	2.9	2.8	2.3	2.5	2.1	2.0	1.6	1.0
1992	1.8	2.8	2.6	2.7	2.3	2.5	2.5	1.9	1.6	1.1
1991	1.9	3.2	2.6	2.4	2.3	2.9	2.2	1.6	1.6	1.0
1990	2.0	2.9	2.7	3.1	2.6	2.8	2.4	1.8	1.8	*
1989	2.0	2.8	3.0	3.2	3.0	2.5	2.0	2.0	1.6	*
1988	2.0	3.2	3.0	2.9	2.8	2.3	2.6	2.2	1.5	1.2
1987	2.1	3.5	2.7	3.2	2.8	2.9	2.4	2.4	1.6	*
1986	2.1	3.0	3.5	3.3	3.1	2.8	2.7	2.1	1.4	*
1985	2.1	3.1	3.3	3.3	2.7	2.6	2.5	2.3	1.4	*
1984	2.2	3.3	3.4	3.4	2.8	2.6	2.1	1.8	1.0	*
1983	2.2	3.4	3.5	3.3	3.1	3.0	2.4	1.6	*	*
1982	2.3	3.9	3.5	3.5	2.9	2.5	1.9	1.4	*	*
1981	2.3	4.0	3.7	3.7	2.6	2.4	1.5	1.4	*	*
1980	2.1	3.3	3.5	3.1	3.0	2.0	1.8	1.1	*	*
1979	2.3	3.9	3.8	3.6	3.0	2.5	1.7	1.4	1.1	*
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
White, both sexes										
1998	7.0	8.6	8.1	9.1	8.8	9.6	11.9	14.2	17.5	14.5
1997	7.1	8.7	8.7	9.8	8.5	9.9	12.0	14.1	15.3	13.5
1996	7.4	8.9	9.4	9.5	9.2	11.0	12.3	14.4	16.7	14.1
1995	7.7	8.5	9.2	8.8	9.8	10.7	13.1	15.5	16.8	14.5
1994	7.8	8.8	9.1	9.0	9.7	10.2	12.7	16.2	16.8	14.8
1993	8.0	8.7	9.8	10.2	10.7	11.1	13.4	16.0	18.5	15.2
1992	7.8	9.0	9.3	10.4	10.1	11.7	13.7	16.1	17.2	13.5
1991	8.0	9.5	9.8	10.2	10.3	11.6	14.0	17.0	18.5	14.9
1990	8.3	9.5	9.4	11.1	11.1	12.4	14.4	18.6	19.2	14.0
1989	8.0	9.0	10.2	10.6	11.0	12.6	14.8	17.1	16.8	14.4
1988	8.1	8.9	9.9	10.7	11.1	12.4	15.1	17.9	19.9	12.9
1987	8.2	9.6	10.4	11.2	11.5	12.9	15.8	18.5	18.0	13.3
1986	8.3	9.7	10.8	11.2	11.6	12.8	16.2	18.4	16.5	12.1
1985	8.0	9.6	10.3	11.0	11.0	11.9	15.4	16.5	17.0	11.7
1984	7.9	9.8	10.2	11.3	11.1	12.3	14.8	15.5	15.1	10.8
1983	7.8	9.2	10.7	11.0	10.9	11.6	13.7	14.7	14.6	11.6
1982	7.8	10.2	10.1	10.7	10.9	11.2	13.2	14.5	12.9	10.1
1981	7.6	9.7	10.1	10.6	10.2	10.2	11.2	12.2	11.8	10.4
1980	7.3	8.9	9.7	9.7	9.7	10.7	11.8	12.4	11.0	10.7
1979	7.4	9.3	9.8	9.9	10.3	11.6	11.5	13.2	12.8	8.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
White, male										
1998	12.4	14.3	14.0	16.0	15.9	18.6	24.7	31.6	44.4	48.5
1997	12.5	14.5	14.7	17.3	15.8	19.0	24.5	32.0	39.2	46.1
1996	13.2	15.3	15.5	17.1	16.7	21.0	25.9	33.1	42.8	48.8
1995	13.5	14.2	15.5	15.5	17.6	20.5	27.3	35.1	43.6	49.2
1994	13.8	14.8	15.2	16.3	17.7	19.7	26.4	37.2	44.6	51.0
1993	14.1	14.3	16.7	17.7	19.7	21.1	28.0	36.9	49.8	52.5
1992	13.7	15.0	15.8	18.3	18.5	22.7	28.1	37.3	46.1	46.6
1991	14.2	15.6	17.0	18.4	19.1	21.8	29.4	40.3	50.2	51.6
1990	14.6	16.0	16.1	19.5	20.5	23.8	30.2	44.4	51.9	49.5
1989	14.2	15.0	17.3	18.2	19.7	24.9	31.8	40.4	45.6	49.9
1988	14.3	14.5	16.8	18.9	20.2	24.5	31.7	42.3	54.9	43.1
1987	14.3	15.4	18.1	19.5	21.2	24.7	33.9	43.8	49.2	45.2
1986	14.5	16.3	18.1	19.6	21.2	24.8	34.5	44.1	45.7	42.0
1985	13.9	15.8	17.3	19.0	20.3	23.1	32.8	39.3	47.2	39.2
1984	13.8	16.2	16.9	19.8	20.3	24.0	32.0	37.1	41.9	35.6
1983	13.4	14.7	18.0	19.1	19.5	21.9	29.1	35.6	40.9	38.9
1982	13.4	16.3	16.8	18.4	19.8	21.7	28.6	35.4	36.0	34.2
1981	12.9	15.1	16.5	18.0	18.6	19.7	24.9	29.4	33.3	34.2
1980	12.6	14.4	16.0	16.8	17.2	21.3	25.4	30.7	30.2	33.8
1979	12.6	14.5	15.8	16.8	18.6	22.8	25.1	32.3	35.1	27.7
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
White, female										
1998	1.9	2.9	2.4	2.6	2.3	1.9	1.9	2.0	1.8	1.1
1997	1.9	2.9	2.9	2.7	1.9	2.1	2.2	1.6	1.6	0.8
1996	1.9	2.6	3.5	2.4	2.3	2.4	1.8	1.6	2.0	0.8
1995	2.0	2.8	3.1	2.5	2.7	2.4	2.1	2.1	1.9	1.2
1994	2.0	3.0	3.2	2.1	2.4	2.2	2.2	2.0	1.6	1.1
1993	2.1	3.2	3.2	3.1	2.5	2.8	2.2	2.1	1.6	1.1
1992	2.0	3.1	3.0	3.0	2.5	2.7	2.7	2.1	1.7	1.0
1991	2.1	3.5	2.9	2.6	2.4	3.1	2.4	1.7	1.7	1.0
1990	2.2	3.2	3.0	3.4	2.8	3.0	2.6	1.9	1.9	*
1989	2.2	3.2	3.3	3.5	3.3	2.6	2.2	2.1	1.7	*
1988	2.2	3.5	3.3	3.1	3.0	2.4	2.7	2.4	1.6	1.3
1987	2.3	4.1	3.0	3.6	3.0	3.1	2.6	2.5	1.7	*
1986	2.3	3.3	3.9	3.5	3.2	3.0	2.8	2.2	1.4	*
1985	2.3	3.5	3.7	3.7	2.9	2.8	2.7	2.2	1.3	*
1984	2.4	3.6	3.7	3.7	3.0	2.8	2.2	2.0	1.1	*
1983	2.4	3.8	3.9	3.7	3.4	3.2	2.5	1.7	*	*
1982	2.5	4.4	3.8	3.8	3.1	2.7	2.0	1.5	*	*
1981	2.5	4.5	4.1	4.0	2.8	2.6	1.4	1.5	*	*
1980	2.3	3.6	3.8	3.3	3.1	2.2	1.9	1.1	*	*
1979	2.4	4.3	4.1	3.8	3.1	2.6	1.8	1.4	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
All other, both sexes										
1998	3.0	3.2	2.4	3.1	2.7	3.3	3.4	4.7	5.5	*
1997	3.2	2.9	2.1	3.5	3.3	4.8	5.0	4.1	4.7	*
1996	3.5	3.2	3.2	2.9	4.0	4.1	5.0	4.3	*	*
1995	3.6	3.2	3.0	3.6	3.4	3.9	5.3	4.8	*	*
1994	3.9	3.4	2.4	3.2	2.9	4.9	5.3	4.1	5.3	*
1993	3.8	3.4	4.3	3.3	3.4	3.0	4.8	4.6	6.0	*
1992	3.7	3.2	3.5	2.6	3.8	3.5	4.6	4.9	7.1	*
1991	3.8	4.5	3.7	4.3	4.6	4.5	4.9	6.6	7.3	*
1990	3.9	4.3	4.0	4.1	4.0	4.4	5.7	3.9	*	*
1989	3.8	3.6	3.3	3.6	4.5	6.2	4.6	4.2	*	*
1988	3.8	4.2	4.0	3.9	4.4	5.1	4.7	5.8	*	*
1987	3.7	3.9	3.9	3.5	4.0	5.4	6.5	6.4	7.1	*
1986	3.6	4.6	3.9	3.9	4.2	6.3	6.8	5.2	*	*
1985	3.5	4.1	4.3	3.8	4.7	5.0	5.3	5.2	*	*
1984	3.4	4.2	3.5	5.6	4.4	3.8	5.8	5.1	*	*
1983	3.2	4.1	3.8	3.3	3.4	4.5	5.1	*	*	*
1982	3.2	3.0	3.7	3.8	3.5	3.8	4.6	*	*	*
1981	3.5	4.7	2.8	4.3	4.3	3.6	4.0	5.6	*	*
1980	3.5	3.4	3.8	3.9	4.2	3.9	4.0	*	*	*
1979	4.1	4.5	5.0	5.0	5.5	4.7	5.9	4.5	*	*
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
All other, male										
1998	5.4	5.4	4.3	6.0	5.3	7.4	7.6	9.5	15.3	*
1997	6.0	5.1	4.1	7.0	6.4	9.8	10.1	9.9	*	*
1996	6.3	5.7	5.6	5.9	7.1	8.7	10.5	10.3	*	*
1995	6.6	5.8	5.6	7.3	5.8	7.7	12.4	10.8	*	*
1994	7.2	6.1	4.3	6.6	5.5	9.3	11.7	10.4	*	*
1993	7.0	6.4	8.2	6.4	6.5	6.0	10.0	10.3	15.6	*
1992	6.9	5.5	6.8	5.3	7.3	6.5	10.4	11.7	19.2	*
1991	7.0	8.5	6.8	8.4	8.9	9.2	10.5	16.3	18.9	*
1990	7.0	7.5	7.6	7.3	7.6	8.5	13.1	10.3	*	*
1989	6.9	7.1	6.0	6.5	8.6	12.6	10.4	9.9	*	*
1988	6.8	7.1	7.2	7.0	8.9	10.4	10.3	14.6	*	*
1987	6.7	7.7	7.6	7.1	7.4	11.2	15.0	14.0	17.9	*
1986	6.4	8.2	7.4	6.1	7.6	12.6	13.8	11.9	*	*
1985	6.2	7.5	8.2	7.5	9.6	10.5	11.3	*	*	*
1984	6.0	7.0	6.0	10.3	8.6	7.4	12.5	12.9	*	*
1983	5.8	8.0	6.9	6.4	6.6	9.5	10.9	*	*	*
1982	5.7	5.5	7.0	7.4	6.5	7.9	9.7	*	*	*
1981	6.2	9.1	5.4	8.0	8.4	6.9	*	12.9	*	*
1980	6.3	6.2	7.1	7.2	7.6	8.3	9.1	*	*	*
1979	7.1	8.5	9.4	8.0	10.5	8.5	11.7	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
All other, female										
1998	0.7	1.4	*	*	*	*	*	*	*	*
1997	0.7	*	*	*	*	*	*	*	*	*
1996	0.9	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	0.9	*	*	*	*	*	*	*	*	*
1993	0.9	*	*	*	*	*	*	*	*	*
1992	0.8	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	1.0	*	*	*	*	*	*	*	*	*
1989	1.0	*	*	*	*	*	*	*	*	*
1988	1.0	*	*	*	*	*	*	*	*	*
1987	0.9	*	*	*	*	*	*	*	*	*
1986	1.1	*	*	*	*	*	*	*	*	*
1985	1.0	*	*	*	*	*	*	*	*	*
1984	1.0	*	*	*	*	*	*	*	*	*
1983	0.8	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	1.1	*	*	*	*	*	*	*	*	*
1980	1.0	*	*	*	*	*	*	*	*	*
1979	1.3	*	*	*	*	*	*	*	*	*
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
Black, both sexes										
1998	3.1	3.5	2.6	2.8	3.5	4.1	3.0	5.2	*	*
1997	3.5	3.2	2.3	3.3	3.5	5.5	5.8	4.2	*	*
1996	3.9	3.5	3.9	3.3	4.8	5.3	5.6	4.5	*	*
1995	3.9	3.5	3.5	4.0	3.7	3.9	6.3	5.8	*	*
1994	4.2	4.0	2.7	3.4	2.9	5.6	6.4	4.4	*	*
1993	4.2	3.7	4.9	3.8	3.4	3.2	5.8	4.9	6.7	*
1992	4.0	3.4	3.8	2.9	4.7	4.1	4.9	6.1	*	*
1991	4.0	5.5	4.2	4.8	4.4	5.2	5.3	7.4	7.7	*
1990	4.1	5.3	4.1	4.7	4.4	5.1	6.3	4.8	*	*
1989	4.1	4.0	4.0	4.2	5.1	7.2	5.0	5.0	*	*
1988	4.0	4.6	4.2	4.4	4.8	5.6	5.6	6.1	*	*
1987	3.9	4.1	4.3	3.8	4.3	6.6	7.2	7.3	*	*
1986	3.7	5.2	4.5	4.0	4.4	7.0	7.1	5.3	*	*
1985	3.6	4.6	4.8	4.1	5.3	5.5	6.0	5.6	*	*
1984	3.5	4.3	3.7	5.8	4.9	4.0	6.9	6.0	*	*
1983	3.3	4.3	4.4	3.6	3.5	4.9	5.5	*	*	*
1982	3.2	3.1	4.1	4.4	4.0	3.9	4.7	*	*	*
1981	3.5	4.7	2.7	4.7	4.5	4.1	4.5	6.5	*	*
1980	3.6	3.9	3.9	4.1	4.6	4.4	4.4	*	*	*
1979	4.0	4.5	5.5	5.3	5.7	5.1	6.3	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
Black, male										
1998	5.8	6.0	5.0	5.6	7.0	9.0	7.0	11.0	*	*
1997	6.4	5.4	4.7	6.8	7.0	11.4	12.0	10.3	*	*
1996	7.1	6.4	6.9	7.1	9.1	11.1	11.9	11.1	*	*
1995	7.2	6.6	6.8	8.2	6.2	7.3	14.9	14.1	*	*
1994	7.8	7.5	4.7	7.3	5.6	10.8	14.2	11.3	*	*
1993	7.9	7.3	9.4	7.5	6.0	6.4	12.4	11.6	*	*
1992	7.6	5.8	7.7	5.9	8.9	7.6	11.2	14.9	*	*
1991	7.6	10.5	7.8	9.2	8.9	10.7	11.8	18.9	20.9	*
1990	7.6	9.6	8.3	8.7	8.4	9.7	15.4	12.9	*	*
1989	7.6	8.0	7.5	7.6	9.8	14.8	11.5	12.4	*	*
1988	7.2	7.6	7.4	8.2	9.3	11.4	12.4	15.8	*	*
1987	7.2	8.2	8.5	7.7	7.9	13.8	17.3	16.6	*	*
1986	6.7	9.5	9.0	5.9	7.5	14.3	14.1	12.2	*	*
1985	6.5	8.5	9.0	8.2	10.7	11.8	13.0	*	*	*
1984	6.3	7.1	7.0	10.5	9.8	8.0	15.1	15.6	*	*
1983	6.0	8.5	8.1	7.4	6.7	10.4	12.3	*	*	*
1982	5.9	5.9	7.7	8.6	7.6	8.1	9.9	*	*	*
1981	6.2	9.4	5.3	8.5	8.7	7.8	*	15.2	*	*
1980	6.5	7.1	7.3	7.9	8.3	9.3	10.2	*	*	*
1979	7.0	8.8	10.4	8.7	10.8	9.5	12.8	*	*	*
Intentional self-harm (suicide) by discharge of firearms (E955.0-E955.4)										
Black, female										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.8	*	*	*	*	*	*	*	*	*
1996	0.9	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	1.0	*	*	*	*	*	*	*	*	*
1993	0.9	*	*	*	*	*	*	*	*	*
1992	0.8	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	1.0	*	*	*	*	*	*	*	*	*
1989	1.0	*	*	*	*	*	*	*	*	*
1988	1.1	*	*	*	*	*	*	*	*	*
1987	0.9	*	*	*	*	*	*	*	*	*
1986	1.1	*	*	*	*	*	*	*	*	*
1985	1.0	*	*	*	*	*	*	*	*	*
1984	1.0	*	*	*	*	*	*	*	*	*
1983	0.8	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	1.1	*	*	*	*	*	*	*	*	*
1980	0.9	*	*	*	*	*	*	*	*	*
1979	1.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
All races, both sexes										
1998	4.8	7.4	6.7	5.3	4.1	4.2	4.0	4.4	6.2	7.6
1997	4.8	7.3	6.1	5.4	4.4	3.8	4.3	5.2	5.9	8.0
1996	4.7	6.9	6.0	5.5	4.5	4.1	4.1	5.1	6.2	6.8
1995	4.8	6.8	5.9	4.8	4.5	4.5	4.8	5.1	6.6	7.8
1994	4.7	6.3	6.0	5.1	4.5	4.3	4.9	5.5	6.6	8.8
1993	4.7	6.2	5.7	5.3	4.8	4.8	5.3	5.8	7.0	8.6
1992	4.8	6.4	6.1	5.3	5.6	4.8	4.7	6.6	8.2	8.7
1991	4.9	6.8	6.3	6.0	5.7	4.9	5.2	6.2	7.9	9.8
1990	4.8	6.2	6.0	5.9	5.6	5.0	6.0	6.7	8.5	8.9
1989	4.9	6.3	5.8	6.0	5.6	5.5	5.6	6.5	8.1	9.7
1988	5.0	6.4	5.7	6.2	5.3	5.8	6.2	7.7	8.9	8.9
1987	5.2	6.9	6.9	6.4	6.1	6.0	6.8	8.1	8.9	9.9
1986	5.3	7.0	7.2	6.9	6.4	5.8	7.2	8.2	8.8	9.6
1985	5.1	6.7	6.4	7.0	6.1	5.7	6.4	7.9	8.8	8.5
1984	5.2	7.3	7.0	7.3	6.4	5.9	6.9	6.8	8.7	8.4
1983	5.0	7.0	7.2	7.1	5.8	5.7	6.6	7.8	9.5	8.5
1982	5.0	7.0	7.4	7.4	6.4	6.1	6.2	7.3	7.7	8.0
1981	5.0	6.9	7.0	7.3	5.9	6.1	6.4	6.8	7.8	7.9
1980	5.1	7.1	7.4	7.2	6.4	6.2	6.7	8.1	7.8	9.0
1979	5.2	7.3	7.8	6.9	7.2	6.6	7.2	8.5	8.3	9.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
All races, male										
1998	7.0	10.6	8.7	7.1	5.4	5.9	6.1	6.9	10.8	15.0
1997	7.0	10.0	7.6	7.1	6.3	5.7	6.1	7.7	10.2	18.1
1996	7.0	9.5	8.1	7.7	5.9	5.4	5.9	8.4	10.8	15.5
1995	7.1	9.5	8.2	6.6	6.6	6.1	6.6	7.9	11.1	17.3
1994	6.9	8.5	7.8	6.3	6.2	5.5	6.8	8.6	11.5	18.7
1993	6.8	8.3	7.5	7.2	6.0	6.5	7.2	8.8	12.1	19.7
1992	6.9	8.6	7.6	6.8	7.3	6.4	6.5	10.4	14.8	18.9
1991	7.0	8.6	8.3	7.6	7.8	6.6	7.6	9.5	15.0	21.6
1990	7.0	8.6	7.8	7.0	7.4	6.6	8.0	10.5	15.3	19.7
1989	7.0	8.2	7.2	7.5	7.4	7.3	8.7	10.6	15.3	21.5
1988	7.1	7.6	7.1	7.8	6.6	7.8	8.4	12.5	15.8	21.7
1987	7.4	8.8	8.0	8.4	7.8	7.8	9.9	13.2	16.5	25.4
1986	7.5	8.6	8.7	8.7	7.5	7.8	10.2	12.2	15.3	22.8
1985	7.2	8.3	8.0	9.3	7.9	7.7	8.9	12.4	17.1	20.2
1984	7.1	8.5	8.4	9.0	7.9	7.1	9.7	10.6	15.3	19.4
1983	6.9	8.6	8.7	8.6	7.2	7.3	8.9	12.3	17.6	18.0
1982	6.9	8.5	9.0	9.0	7.8	7.8	8.4	11.3	14.2	18.8
1981	6.7	7.8	7.5	8.3	7.2	7.7	8.5	11.0	14.6	18.4
1980	6.9	8.4	8.8	9.1	7.7	8.1	9.6	13.2	15.2	18.6
1979	6.7	8.1	8.5	8.1	8.3	8.2	10.1	13.0	14.9	21.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
All races, female										
1998	2.6	4.2	4.7	3.6	2.9	2.7	2.4	2.7	3.5	4.7
1997	2.6	4.6	4.7	3.8	2.6	2.3	2.9	3.6	3.5	4.0
1996	2.6	4.4	3.9	3.4	3.2	3.0	2.7	2.9	3.7	3.5
1995	2.6	4.3	3.7	3.1	2.7	3.1	3.5	3.1	4.0	4.2
1994	2.6	4.2	4.2	4.0	3.0	3.2	3.4	3.3	3.8	5.0
1993	2.7	4.2	4.1	3.6	3.8	3.4	3.8	3.9	4.2	4.3
1992	2.8	4.3	4.7	3.9	4.2	3.4	3.3	4.1	4.7	4.9
1991	2.8	5.1	4.3	4.5	3.9	3.5	3.4	4.0	4.2	5.3
1990	2.8	3.9	4.3	4.9	4.1	3.7	4.6	4.3	4.9	4.8
1989	2.9	4.5	4.5	4.5	4.0	4.1	3.3	3.9	4.2	5.1
1988	3.0	5.2	4.4	4.7	4.2	4.3	4.5	4.7	5.3	4.0
1987	3.2	5.1	5.8	4.7	4.7	4.5	4.6	4.8	5.0	3.8
1986	3.3	5.4	5.7	5.3	5.4	4.1	5.0	5.8	5.4	4.4
1985	3.1	5.3	4.9	4.9	4.5	4.1	4.6	5.0	4.5	3.8
1984	3.3	6.1	5.7	5.8	5.0	5.0	4.9	4.5	5.2	4.0
1983	3.2	5.4	5.7	5.8	4.6	4.3	4.9	4.9	5.2	4.5
1982	3.3	5.7	5.9	6.0	5.2	4.7	4.6	4.9	4.2	3.5
1981	3.4	6.1	6.4	6.4	4.7	4.8	4.9	4.1	4.3	3.4
1980	3.4	5.9	6.1	5.5	5.2	4.6	4.6	4.9	3.9	4.8
1979	3.7	6.5	7.1	5.8	6.2	5.4	5.0	5.6	4.8	4.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
White, both sexes										
1998	5.2	8.0	7.1	5.8	4.4	4.4	4.2	4.7	6.4	8.0
1997	5.1	7.9	6.5	5.7	4.6	4.0	4.5	5.5	6.1	8.2
1996	5.1	7.5	6.4	5.9	4.8	4.4	4.2	5.3	6.5	7.3
1995	5.1	7.4	6.4	5.2	4.7	4.6	4.9	5.2	6.9	8.3
1994	5.0	6.8	6.5	5.4	4.7	4.5	5.1	5.7	6.9	9.3
1993	5.0	6.7	6.1	5.6	5.1	5.0	5.5	6.1	7.3	8.8
1992	5.1	6.7	6.5	5.8	6.0	5.0	5.0	7.0	8.6	9.4
1991	5.2	7.2	6.7	6.4	6.1	5.2	5.4	6.4	8.4	10.3
1990	5.1	6.6	6.4	6.3	6.0	5.3	6.3	7.1	9.1	9.2
1989	5.2	6.8	6.2	6.5	5.9	5.8	5.8	6.9	8.4	10.3
1988	5.4	6.9	6.1	6.7	5.8	6.2	6.6	8.3	9.3	9.4
1987	5.6	7.4	7.4	7.1	6.5	6.2	7.1	8.7	9.4	10.3
1986	5.7	7.6	7.7	7.4	6.7	6.1	7.7	8.8	9.3	10.2
1985	5.4	7.2	7.0	7.5	6.5	6.0	6.7	8.4	9.3	8.9
1984	5.5	7.8	7.5	7.9	6.7	6.2	7.3	7.3	9.2	8.8
1983	5.3	7.4	7.8	7.5	6.1	6.1	7.0	8.1	10.0	8.9
1982	5.4	7.5	7.9	7.9	6.9	6.5	6.6	7.7	8.0	8.4
1981	5.3	7.4	7.5	7.7	6.3	6.5	6.8	7.2	8.3	8.2
1980	5.4	7.5	7.9	7.6	6.9	6.6	7.2	8.6	8.2	9.3
1979	5.5	7.7	8.4	7.4	7.7	7.1	7.7	9.0	8.7	10.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
White, male										
1998	7.5	11.3	9.2	7.6	5.7	6.0	6.2	7.3	11.1	15.9
1997	7.4	10.7	8.0	7.3	6.6	5.9	6.3	7.9	10.4	19.1
1996	7.5	10.1	8.7	8.2	6.3	5.8	6.1	8.7	11.1	16.7
1995	7.6	10.2	8.7	7.2	6.7	6.3	6.7	8.1	11.7	18.6
1994	7.3	9.1	8.5	6.7	6.3	5.8	7.0	9.0	12.1	20.0
1993	7.2	8.7	7.9	7.5	6.4	6.6	7.6	9.2	12.8	20.7
1992	7.4	8.9	8.1	7.4	7.7	6.7	6.9	10.9	15.5	20.6
1991	7.4	9.0	9.0	7.9	8.1	6.8	7.9	9.9	16.1	23.2
1990	7.3	9.1	8.3	7.4	7.7	7.0	8.3	11.1	16.5	20.8
1989	7.4	8.9	7.7	8.1	7.7	7.6	8.9	11.2	16.3	23.1
1988	7.5	8.1	7.5	8.3	7.1	8.2	9.1	13.3	17.0	23.4
1987	7.8	9.3	8.5	9.1	8.1	7.8	10.4	14.1	17.1	26.9
1986	7.9	9.2	9.3	9.2	7.8	8.1	10.9	13.1	16.1	24.4
1985	7.6	8.6	8.7	9.8	8.4	8.0	9.3	13.3	17.9	21.7
1984	7.5	9.0	8.8	9.6	8.2	7.3	10.1	11.3	16.3	20.7
1983	7.3	9.0	9.4	8.9	7.6	7.8	9.4	13.1	18.5	19.0
1982	7.3	9.0	9.4	9.5	8.3	8.1	9.0	11.8	14.9	20.3
1981	7.0	8.1	8.0	8.6	7.6	8.1	9.0	11.8	15.4	19.8
1980	7.3	8.8	9.3	9.4	8.2	8.7	10.5	14.2	16.3	19.0
1979	7.0	8.4	9.1	8.6	9.0	8.7	10.8	14.2	15.9	22.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
White, female										
1998	2.9	4.7	5.1	4.0	3.1	3.0	2.6	2.8	3.6	4.9
1997	2.9	5.1	5.0	4.1	2.8	2.4	3.1	3.8	3.6	4.0
1996	2.8	4.9	4.2	3.7	3.5	3.1	2.7	3.0	3.9	3.6
1995	2.8	4.6	4.1	3.3	3.0	3.2	3.5	3.3	4.3	4.3
1994	2.8	4.5	4.6	4.1	3.2	3.5	3.6	3.5	4.1	5.3
1993	2.9	4.6	4.4	3.9	4.0	3.6	3.9	4.0	4.4	4.3
1992	3.0	4.6	5.1	4.3	4.5	3.6	3.5	4.4	4.9	5.1
1991	3.1	5.6	4.6	5.0	4.2	3.8	3.5	4.2	4.4	5.5
1990	3.0	4.2	4.6	5.3	4.5	3.9	4.8	4.6	5.2	4.8
1989	3.1	4.8	4.8	5.0	4.2	4.3	3.5	4.2	4.3	5.4
1988	3.3	5.7	4.8	5.2	4.6	4.6	4.8	5.1	5.3	4.0
1987	3.4	5.5	6.3	5.2	5.0	4.8	4.8	5.2	5.4	3.9
1986	3.6	6.1	6.2	5.7	5.8	4.4	5.3	6.1	5.8	4.6
1985	3.3	5.7	5.3	5.4	4.8	4.4	4.7	5.4	4.8	3.9
1984	3.6	6.6	6.2	6.3	5.4	5.3	5.2	4.8	5.5	4.1
1983	3.5	5.9	6.2	6.2	4.9	4.8	5.2	5.0	5.5	4.8
1982	3.6	6.2	6.5	6.5	5.6	5.1	4.9	5.2	4.4	3.6
1981	3.7	6.7	6.9	6.8	5.2	5.2	5.3	4.4	4.5	3.3
1980	3.6	6.4	6.5	6.0	5.7	5.0	4.9	5.1	4.0	5.1
1979	4.1	7.0	7.8	6.3	6.5	5.8	5.4	5.8	4.9	4.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
All other, both sexes										
1998	3.0	4.0	4.1	2.4	2.2	3.1	3.0	*	4.6	*
1997	3.1	3.9	3.7	3.5	2.9	2.4	2.8	3.1	4.7	*
1996	3.0	3.8	3.1	3.2	2.4	2.4	3.1	3.4	*	*
1995	3.2	3.7	3.3	2.3	3.4	3.6	4.1	3.4	*	*
1994	3.1	3.6	2.5	3.3	3.3	2.4	3.0	3.3	*	*
1993	3.2	3.7	3.3	3.2	2.6	3.3	3.5	3.3	*	*
1992	3.1	4.5	3.3	2.0	2.9	2.8	*	*	*	*
1991	3.1	4.1	3.4	3.3	3.4	2.5	3.5	3.5	*	*
1990	3.2	3.5	3.6	3.0	2.8	2.6	3.3	*	*	*
1989	3.3	3.1	3.2	2.1	3.5	3.2	3.1	*	*	*
1988	3.1	3.4	3.4	2.5	1.6	2.6	*	*	*	*
1987	3.2	3.8	3.7	2.0	3.4	4.1	3.8	*	*	*
1986	3.1	3.0	3.4	3.3	3.5	3.1	3.1	*	*	*
1985	3.1	4.0	2.6	3.3	2.7	3.5	4.0	*	*	*
1984	3.1	4.1	3.7	2.9	3.5	3.4	3.3	*	*	*
1983	3.0	4.2	2.6	4.4	2.7	*	2.8	4.3	*	*
1982	3.1	3.8	3.7	3.5	2.4	3.0	*	*	*	*
1981	3.0	3.7	3.2	4.2	2.3	2.5	*	*	*	*
1980	2.9	4.1	3.8	3.8	*	*	*	*	*	*
1979	3.2	4.2	2.7	2.7	2.7	2.8	*	*	*	*
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
All other, male										
1998	4.7	6.7	5.6	3.4	3.2	5.5	5.3	*	*	*
1997	4.7	5.7	5.1	5.5	4.5	3.8	*	*	*	*
1996	4.6	5.7	4.3	4.3	3.5	*	*	*	*	*
1995	4.9	5.5	5.3	*	6.1	4.5	6.2	*	*	*
1994	4.9	5.0	3.7	3.6	5.2	*	*	*	*	*
1993	4.9	5.6	4.7	4.8	*	5.6	*	*	*	*
1992	4.6	6.5	4.3	*	4.1	*	*	*	*	*
1991	4.7	6.3	4.2	5.6	5.3	*	*	*	*	*
1990	4.9	5.4	5.0	4.0	4.8	*	*	*	*	*
1989	5.0	3.8	3.7	*	4.7	4.9	6.3	*	*	*
1988	4.6	4.6	4.8	4.0	*	*	*	*	*	*
1987	4.9	5.4	4.5	*	5.2	7.0	*	*	*	*
1986	4.8	4.4	4.0	4.6	4.5	5.2	*	*	*	*
1985	4.9	5.8	*	5.6	*	5.4	*	*	*	*
1984	4.8	5.3	4.9	3.8	4.8	5.0	*	*	*	*
1983	4.6	5.8	*	6.3	4.1	*	*	*	*	*
1982	4.7	4.9	5.7	4.6	*	5.1	*	*	*	*
1981	4.3	5.2	3.8	5.7	*	*	*	*	*	*
1980	4.4	6.0	5.0	6.2	*	*	*	*	*	*
1979	4.8	5.8	3.6	4.0	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
All other, female										
1998	1.5	1.7	2.7	*	*	*	*	*	*	*
1997	1.6	2.4	2.5	*	*	*	*	*	*	*
1996	1.5	2.1	2.1	2.2	*	*	*	*	*	*
1995	1.6	2.2	*	*	*	2.9	*	*	*	*
1994	1.5	2.3	*	3.0	*	*	*	*	*	*
1993	1.7	2.1	2.1	*	*	*	*	*	*	*
1992	1.7	2.8	2.5	*	*	*	*	*	*	*
1991	1.5	2.2	2.6	*	*	*	*	*	*	*
1990	1.6	1.9	2.5	*	*	*	*	*	*	*
1989	1.7	2.4	2.8	*	*	*	*	*	*	*
1988	1.6	2.4	*	*	*	*	*	*	*	*
1987	1.6	2.5	2.9	*	*	*	*	*	*	*
1986	1.6	*	3.0	*	*	*	*	*	*	*
1985	1.6	2.5	*	*	*	*	*	*	*	*
1984	1.6	3.0	2.6	*	*	*	*	*	*	*
1983	1.7	2.8	*	3.0	*	*	*	*	*	*
1982	1.6	2.8	*	*	*	*	*	*	*	*
1981	1.8	*	2.8	3.1	*	*	*	*	*	*
1980	1.6	*	2.8	*	*	*	*	*	*	*
1979	1.8	2.9	*	*	*	*	*	*	*	*
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
Black, both sexes										
1998	2.4	4.0	3.4	2.0	*	2.2	*	*	*	*
1997	2.6	3.4	2.8	2.7	2.1	*	*	*	*	*
1996	2.4	3.3	2.8	1.9	*	*	*	*	*	*
1995	2.7	3.6	2.9	*	2.2	2.4	*	*	*	*
1994	2.6	3.2	1.8	2.6	*	*	*	*	*	*
1993	2.7	3.7	2.9	2.6	*	2.3	*	*	*	*
1992	2.7	4.4	2.8	*	2.0	*	*	*	*	*
1991	2.7	3.6	2.7	2.4	2.1	*	*	*	*	*
1990	2.8	3.8	3.7	*	*	*	*	*	*	*
1989	3.0	2.7	2.7	*	2.1	*	*	*	*	*
1988	2.8	3.2	3.0	2.3	*	*	*	*	*	*
1987	2.8	3.3	2.7	*	2.7	2.7	*	*	*	*
1986	2.8	2.7	2.9	2.8	2.9	*	*	*	*	*
1985	2.7	3.6	2.9	1.9	*	*	*	*	*	*
1984	2.7	3.3	3.1	2.2	3.0	*	*	*	*	*
1983	2.6	3.5	2.1	3.3	2.2	*	*	*	*	*
1982	2.7	3.0	3.7	2.8	*	2.5	*	*	*	*
1981	2.6	3.5	2.8	3.4	*	*	*	*	*	*
1980	2.5	3.0	3.0	2.5	*	*	*	*	*	*
1979	2.9	3.3	2.3	2.4	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
Black, male										
1998	4.0	6.8	5.6	*	*	*	*	*	*	*
1997	4.2	5.4	3.8	4.6	*	*	*	*	*	*
1996	4.0	5.7	3.8	*	*	*	*	*	*	*
1995	4.5	5.8	5.1	*	4.8	*	*	*	*	*
1994	4.4	4.7	3.4	*	*	*	*	*	*	*
1993	4.4	6.1	5.0	4.1	*	*	*	*	*	*
1992	4.3	6.8	4.2	*	*	*	*	*	*	*
1991	4.4	5.9	3.6	*	*	*	*	*	*	*
1990	4.4	5.9	5.7	*	*	*	*	*	*	*
1989	4.9	3.6	*	*	*	*	*	*	*	*
1988	4.5	4.4	4.3	*	*	*	*	*	*	*
1987	4.6	5.7	*	*	*	*	*	*	*	*
1986	4.5	4.1	*	4.2	*	*	*	*	*	*
1985	4.4	6.0	*	*	*	*	*	*	*	*
1984	4.4	4.5	4.8	*	*	*	*	*	*	*
1983	4.1	5.2	*	6.1	*	*	*	*	*	*
1982	4.3	4.0	5.7	4.6	*	*	*	*	*	*
1981	4.0	5.5	3.9	4.7	*	*	*	*	*	*
1980	3.8	4.6	4.9	4.3	*	*	*	*	*	*
1979	4.5	4.8	*	*	*	*	*	*	*	*
Intentional self-harm (suicide) by other and unspecified means and their sequelae (E950-E954,E955.5-E959)										
Black, female										
1998	1.0	*	*	*	*	*	*	*	*	*
1997	1.1	*	*	*	*	*	*	*	*	*
1996	1.0	*	*	*	*	*	*	*	*	*
1995	1.1	*	*	*	*	*	*	*	*	*
1994	1.0	*	*	*	*	*	*	*	*	*
1993	1.2	*	*	*	*	*	*	*	*	*
1992	1.2	2.4	*	*	*	*	*	*	*	*
1991	1.1	*	*	*	*	*	*	*	*	*
1990	1.3	*	*	*	*	*	*	*	*	*
1989	1.4	*	*	*	*	*	*	*	*	*
1988	1.3	*	*	*	*	*	*	*	*	*
1987	1.2	*	*	*	*	*	*	*	*	*
1986	1.3	*	*	*	*	*	*	*	*	*
1985	1.1	*	*	*	*	*	*	*	*	*
1984	1.2	*	*	*	*	*	*	*	*	*
1983	1.2	*	*	*	*	*	*	*	*	*
1982	1.3	*	*	*	*	*	*	*	*	*
1981	1.3	*	*	*	*	*	*	*	*	*
1980	1.3	*	*	*	*	*	*	*	*	*
1979	1.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) (E960-E969)										
All races, both sexes										
1998	6.5	5.4	4.1	3.6	3.0	2.6	2.4	2.5	2.8	2.5
1997	7.1	6.2	4.3	4.0	3.5	2.9	2.9	2.9	2.7	3.8
1996	7.7	6.1	5.1	4.3	3.7	3.2	2.6	2.8	3.0	2.9
1995	8.5	6.5	5.4	4.9	3.9	3.4	2.9	3.1	3.0	3.2
1994	9.3	6.8	5.6	4.5	3.9	3.5	3.2	3.4	3.8	3.4
1993	9.9	7.7	6.1	5.0	4.2	3.7	3.6	3.2	4.0	4.0
1992	9.8	7.9	6.5	5.0	4.4	3.8	3.7	3.6	4.1	4.0
1991	10.4	9.0	7.1	5.8	5.1	4.3	3.7	4.3	4.2	4.1
1990	9.9	8.1	6.6	5.3	4.7	3.8	3.7	4.1	4.6	4.6
1989	9.1	8.0	6.9	5.3	4.8	4.2	4.0	4.0	4.3	4.4
1988	8.9	7.8	6.3	5.8	4.6	4.4	4.2	4.5	4.5	4.8
1987	8.6	8.3	7.1	6.3	4.7	4.4	4.3	4.8	4.7	5.2
1986	8.9	8.9	7.6	6.1	4.6	4.5	4.2	4.3	5.0	4.7
1985	8.2	9.0	7.1	6.2	5.1	4.6	4.0	4.2	4.4	4.1
1984	8.3	9.2	7.6	6.2	5.4	4.0	4.3	4.1	4.9	4.4
1983	8.5	9.4	7.8	6.6	5.5	4.5	4.0	4.8	4.8	5.1
1982	9.5	10.8	9.5	6.9	5.9	5.1	4.7	4.7	4.7	5.8
1981	10.2	12.5	9.9	7.9	6.2	5.0	4.5	5.3	5.2	5.4
1980	10.6	12.2	9.8	7.5	6.4	6.1	5.2	5.1	5.5	5.3
1979	9.9	12.3	9.3	7.5	6.4	5.6	5.0	4.3	5.5	5.0
Assault (homicide) (E960-E969)										
All races, male										
1998	10.1	8.0	6.5	5.6	4.7	3.9	3.3	3.8	3.2	3.2
1997	11.3	9.3	6.7	6.1	5.4	4.3	4.0	3.9	3.6	6.0
1996	12.1	8.9	8.0	6.9	5.8	4.7	3.6	3.5	4.1	3.8
1995	13.4	10.1	8.1	7.6	6.3	5.2	3.8	3.8	3.5	4.1
1994	15.0	10.7	8.9	7.3	6.2	5.4	4.4	4.8	5.0	5.5
1993	15.7	12.1	9.8	7.9	6.6	5.4	4.9	4.3	4.6	5.7
1992	15.8	12.5	10.0	8.2	7.0	5.7	5.2	4.8	6.1	7.1
1991	16.6	13.9	11.1	9.3	7.9	6.4	5.8	5.6	5.7	5.5
1990	15.9	12.9	10.7	8.2	7.7	6.0	5.5	5.7	5.7	6.7
1989	14.4	12.7	11.1	8.3	7.7	6.1	5.9	5.8	5.7	7.8
1988	13.8	12.5	9.8	9.0	7.3	6.1	6.0	6.5	6.0	7.3
1987	13.2	12.9	11.1	10.2	7.4	6.6	6.0	6.8	6.8	7.5
1986	14.0	14.4	12.1	10.2	7.1	6.8	6.0	6.1	6.9	6.4
1985	12.8	14.0	11.3	10.1	8.0	6.9	5.9	5.9	5.5	5.0
1984	12.9	15.0	12.8	10.1	8.7	6.2	6.7	5.7	7.0	7.4
1983	13.4	14.8	12.8	10.6	9.3	6.8	6.4	6.5	7.0	7.5
1982	15.1	17.9	15.6	11.6	9.6	7.8	7.1	7.1	6.3	9.2
1981	16.4	20.5	16.9	13.1	10.0	8.1	7.4	7.5	7.1	9.8
1980	17.1	20.4	16.4	12.9	10.6	10.1	8.0	7.7	8.8	7.5
1979	15.8	19.9	16.0	12.9	10.2	8.9	7.2	6.8	7.3	6.7

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) (E960-E969)										
All races, female										
1998	3.0	2.9	1.8	1.7	1.4	1.5	1.7	1.7	2.6	2.1
1997	3.2	3.2	2.1	2.1	1.8	1.7	2.0	2.1	2.3	3.0
1996	3.4	3.4	2.4	1.9	1.8	1.8	1.8	2.3	2.3	2.6
1995	3.8	3.0	2.8	2.4	1.7	2.0	2.3	2.6	2.8	2.9
1994	3.9	3.0	2.5	2.0	1.9	1.9	2.3	2.4	3.1	2.6
1993	4.3	3.5	2.5	2.4	2.0	2.3	2.7	2.4	3.6	3.4
1992	4.1	3.4	3.1	2.0	2.1	2.3	2.5	2.8	3.1	2.9
1991	4.4	4.2	3.2	2.6	2.6	2.6	2.2	3.4	3.4	3.5
1990	4.2	3.5	2.7	2.5	2.0	2.1	2.4	3.1	4.0	3.8
1989	4.1	3.4	3.0	2.5	2.3	2.7	2.6	2.8	3.6	3.0
1988	4.2	3.3	3.0	2.8	2.3	2.9	3.0	3.2	3.7	3.8
1987	4.2	4.0	3.3	2.7	2.4	2.6	3.1	3.5	3.6	4.3
1986	4.2	3.6	3.3	2.4	2.5	2.6	2.9	3.1	4.0	4.1
1985	3.9	4.1	3.2	2.7	2.6	2.7	2.5	3.2	3.7	3.8
1984	3.9	3.8	2.8	2.7	2.6	2.2	2.5	3.0	3.9	3.1
1983	3.9	4.3	3.1	3.0	2.3	2.6	2.2	3.7	3.6	4.1
1982	4.2	4.1	3.7	2.8	2.8	2.8	2.9	3.2	3.8	4.4
1981	4.3	5.0	3.4	3.3	2.8	2.5	2.4	3.9	4.1	3.5
1980	4.5	4.5	3.7	2.7	2.9	2.8	3.2	3.5	3.7	4.3
1979	4.3	5.1	3.0	2.7	3.1	3.1	3.5	2.7	4.5	4.2
Assault (homicide) (E960-E969)										
White, both sexes										
1998	4.0	3.7	3.0	2.7	2.3	2.1	2.0	2.0	2.5	2.2
1997	4.3	4.3	3.3	3.2	2.5	2.3	2.4	2.4	2.4	3.4
1996	4.5	4.2	3.8	3.3	2.8	2.6	2.1	2.3	2.4	2.4
1995	5.1	4.5	3.9	3.6	2.8	2.5	2.2	2.2	2.6	2.4
1994	5.4	4.6	4.3	3.5	3.0	2.5	2.3	2.6	3.0	2.7
1993	5.6	5.4	4.5	3.8	3.0	2.7	2.7	2.3	3.1	3.1
1992	5.7	5.5	4.8	3.8	3.4	2.6	2.8	2.9	3.1	3.2
1991	6.0	6.3	5.1	4.2	3.7	3.1	2.7	3.2	2.9	3.3
1990	5.7	5.8	4.8	3.8	3.4	2.8	2.9	3.0	3.4	3.2
1989	5.3	5.8	4.9	3.7	3.4	2.9	2.9	2.8	3.5	2.9
1988	5.3	5.4	4.5	4.3	3.5	3.1	3.2	3.5	3.3	3.6
1987	5.3	5.9	4.9	4.5	3.4	3.2	3.3	3.7	3.8	4.3
1986	5.7	6.1	5.0	4.3	3.4	3.1	3.1	3.3	4.0	3.6
1985	5.4	6.2	5.0	4.6	3.6	3.4	2.9	3.5	3.6	3.4
1984	5.5	6.4	5.4	4.3	3.9	2.8	3.0	2.9	4.1	3.4
1983	5.6	6.4	5.4	4.5	3.9	3.3	2.9	3.5	3.7	4.4
1982	6.2	7.0	6.5	4.9	4.1	3.5	3.4	3.7	3.9	5.1
1981	6.6	8.2	6.8	5.3	4.3	3.5	3.4	4.1	4.3	4.7
1980	6.9	8.0	6.5	5.1	4.4	4.6	4.1	4.3	4.5	4.8
1979	6.3	7.9	5.8	4.9	4.2	4.1	4.0	3.3	4.6	4.7

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) (E960-E969)										
White, male										
1998	5.8	5.3	4.5	4.0	3.4	2.9	2.6	2.8	3.0	2.7
1997	6.4	6.1	4.9	4.7	3.9	3.3	3.0	3.1	3.0	5.2
1996	6.7	5.8	5.4	5.0	4.3	3.7	2.7	2.6	3.2	2.8
1995	7.5	6.4	5.6	5.3	4.4	3.7	2.4	2.5	2.6	3.4
1994	8.2	6.9	6.7	5.5	4.5	3.8	3.1	3.5	3.9	4.2
1993	8.3	8.0	6.9	5.7	4.5	3.9	3.2	3.1	3.1	4.0
1992	8.8	8.3	7.1	6.2	5.4	3.7	3.4	3.6	4.7	5.0
1991	9.1	9.2	7.8	6.5	5.5	4.3	3.7	3.7	4.0	4.4
1990	8.8	8.6	7.4	5.7	5.2	4.3	3.9	3.7	4.1	4.9
1989	8.0	8.9	7.6	5.8	5.3	4.0	3.9	3.7	4.2	5.2
1988	7.8	8.2	6.7	6.7	5.2	4.0	4.3	4.3	4.2	5.1
1987	7.8	9.1	7.3	7.3	5.1	4.5	4.0	4.7	5.2	5.4
1986	8.5	9.3	7.6	7.0	4.8	4.4	4.2	4.3	5.0	4.4
1985	8.1	9.2	7.7	7.2	5.2	4.9	4.0	4.6	4.1	3.9
1984	8.2	9.8	8.8	6.6	5.9	3.9	4.5	3.6	5.3	5.3
1983	8.4	9.5	8.4	6.9	5.9	4.8	4.5	4.3	4.7	5.7
1982	9.4	11.3	10.2	7.7	6.3	4.9	4.9	5.3	4.9	8.3
1981	10.2	13.0	11.0	8.6	7.0	5.2	5.1	4.9	5.3	8.0
1980	10.7	12.8	10.6	8.5	6.9	7.5	5.9	6.1	6.8	6.4
1979	9.7	12.5	9.7	8.0	6.6	6.2	5.6	4.9	6.3	6.0
Assault (homicide) (E960-E969)										
White, female										
1998	2.2	2.2	1.5	1.5	1.2	1.4	1.4	1.5	2.3	2.0
1997	2.2	2.4	1.6	1.8	1.3	1.4	1.9	1.9	2.1	2.6
1996	2.4	2.6	2.2	1.6	1.5	1.6	1.5	2.0	2.0	2.2
1995	2.7	2.6	2.4	2.0	1.4	1.5	2.1	2.0	2.5	2.0
1994	2.6	2.3	2.0	1.6	1.6	1.5	1.7	2.0	2.6	2.2
1993	2.9	2.8	2.2	2.1	1.6	1.8	2.3	1.8	3.0	2.8
1992	2.8	2.8	2.6	1.6	1.6	1.7	2.2	2.4	2.3	2.6
1991	3.0	3.4	2.5	2.1	2.1	2.1	1.9	2.8	2.3	2.9
1990	2.8	2.9	2.3	1.9	1.8	1.5	2.1	2.6	3.1	2.5
1989	2.8	2.8	2.4	1.7	1.7	2.0	2.2	2.2	3.1	2.0
1988	2.9	2.7	2.3	2.1	2.0	2.3	2.3	3.0	2.8	3.0
1987	3.0	2.7	2.7	1.9	2.0	2.2	2.8	3.0	3.1	3.8
1986	3.0	3.0	2.5	1.8	2.1	2.1	2.4	2.7	3.6	3.3
1985	2.9	3.3	2.4	2.3	2.3	2.3	2.1	2.9	3.4	3.2
1984	2.9	3.1	2.2	2.2	2.1	1.8	2.0	2.5	3.5	2.6
1983	2.8	3.3	2.6	2.4	2.1	2.1	1.8	3.0	3.2	3.8
1982	3.1	2.8	3.0	2.3	2.2	2.4	2.3	2.6	3.4	3.8
1981	3.1	3.6	2.8	2.4	2.0	2.1	2.1	3.5	3.8	3.4
1980	3.2	3.4	2.6	2.1	2.1	2.2	2.8	3.2	3.4	4.0
1979	3.0	3.6	2.2	2.1	2.2	2.4	2.8	2.3	3.8	4.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) (E960-E969)										
All other, both sexes										
1998	18.1	14.0	10.5	8.5	7.3	6.1	5.8	7.1	5.5	*
1997	20.4	16.5	10.7	8.8	9.5	7.4	6.7	7.1	6.1	8.4
1996	22.5	16.8	13.1	10.4	8.8	7.5	7.2	8.0	8.7	7.8
1995	24.9	18.0	14.0	13.1	10.6	10.2	8.9	10.9	7.9	11.7
1994	28.6	19.5	13.8	11.1	10.1	10.5	11.3	10.5	11.1	10.1
1993	31.1	21.9	15.5	12.6	12.2	11.3	11.5	11.4	13.3	13.4
1992	30.3	22.7	16.4	12.5	11.6	13.4	11.7	10.5	14.5	12.3
1991	32.9	25.2	19.1	16.2	15.3	13.9	13.5	15.0	17.4	12.3
1990	31.6	22.8	17.9	15.3	14.3	12.5	11.4	14.0	16.3	19.2
1989	29.2	21.7	19.6	16.2	15.7	15.2	14.3	15.3	13.2	19.9
1988	28.4	22.5	18.1	15.8	13.8	15.4	14.0	14.0	17.8	17.7
1987	26.3	23.2	20.8	19.1	14.6	14.5	13.9	15.6	14.6	15.4
1986	27.1	25.7	24.4	19.2	15.1	16.7	13.9	13.5	15.2	16.9
1985	24.0	25.8	21.4	18.3	17.7	14.6	13.9	10.8	12.3	12.1
1984	24.4	27.6	22.6	20.4	18.3	14.8	15.5	15.4	13.9	14.7
1983	25.7	28.9	24.6	22.9	20.0	15.2	13.4	17.1	16.8	13.5
1982	29.1	35.6	31.2	23.6	22.0	18.6	16.3	14.9	13.1	13.0
1981	31.9	41.5	33.4	29.2	22.7	18.4	15.7	17.6	14.9	12.6
1980	33.4	41.6	35.4	27.4	25.2	19.5	15.4	12.9	16.1	11.1
1979	32.6	43.1	36.4	30.5	26.5	19.1	15.5	13.9	15.6	*
Assault (homicide) (E960-E969)										
All other, male										
1998	30.5	22.8	19.2	15.6	12.8	11.0	9.1	12.7	*	*
1997	34.7	27.6	17.9	14.8	15.7	12.2	12.6	11.8	*	*
1996	38.3	27.7	24.5	18.6	15.9	12.8	11.9	12.2	14.6	*
1995	42.4	32.9	24.3	23.1	19.6	17.1	16.9	16.0	*	*
1994	49.2	34.1	23.2	19.2	18.0	18.3	17.2	17.5	16.6	*
1993	53.1	38.3	28.5	22.5	22.4	18.5	20.2	17.1	20.0	21.7
1992	51.9	40.6	28.9	22.3	20.0	22.5	21.9	17.3	20.0	27.0
1991	56.1	44.0	33.0	28.9	26.8	24.1	26.3	24.6	22.9	*
1990	54.2	41.2	32.5	26.7	28.1	20.9	20.7	24.1	21.8	*
1989	49.3	38.1	34.8	27.0	27.4	24.9	25.0	26.1	20.7	32.1
1988	47.2	40.8	30.7	26.7	25.3	24.9	21.9	27.9	23.9	27.8
1987	43.4	37.5	37.3	32.7	26.5	25.8	24.8	27.0	23.2	27.3
1986	45.3	47.3	43.9	35.3	27.1	29.3	23.0	23.3	26.9	*
1985	40.0	45.9	37.5	33.7	33.2	25.5	24.0	18.0	20.2	*
1984	40.4	50.3	42.4	38.4	33.5	26.7	28.4	25.7	23.8	*
1983	43.1	50.9	46.5	42.2	40.5	25.6	24.9	26.4	30.9	*
1982	49.6	64.1	58.7	44.0	40.0	34.5	27.7	24.1	21.3	*
1981	54.5	75.0	65.2	52.0	38.7	34.5	29.7	31.7	25.3	*
1980	57.0	77.8	65.3	51.8	45.0	34.0	26.9	22.9	31.0	*
1979	55.1	76.7	69.9	57.4	45.5	32.6	22.7	23.9	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) (E960-E969)										
All other, female										
1998	6.7	6.4	3.1	2.6	2.9	*	3.6	*	*	*
1997	7.3	7.0	4.4	3.8	4.5	3.8	*	*	*	*
1996	8.0	7.4	3.4	3.6	3.3	3.6	4.0	5.3	*	*
1995	8.9	5.3	5.2	4.9	3.6	5.0	*	7.7	*	12.0
1994	9.8	6.9	5.7	4.4	3.9	4.6	7.3	6.2	8.1	*
1993	10.9	7.8	4.4	4.5	4.2	5.9	5.6	7.9	9.7	9.8
1992	10.6	7.4	5.8	4.5	5.2	6.7	4.7	6.4	11.5	*
1991	11.8	9.0	7.3	5.9	6.4	6.3	4.7	9.0	14.4	10.4
1990	11.1	7.0	5.5	6.2	3.8	6.3	5.1	7.8	13.2	17.3
1989	10.9	7.5	6.7	7.5	6.9	7.9	6.9	8.5	*	14.2
1988	11.2	6.6	7.4	7.1	4.9	8.3	8.6	*	14.2	13.0
1987	10.7	11.0	7.0	8.1	5.5	6.1	6.5	8.3	*	*
1986	10.5	7.2	8.1	6.3	5.9	7.3	7.7	7.1	*	12.8
1985	9.5	8.5	8.1	5.9	5.5	6.4	6.9	*	*	*
1984	9.8	8.2	6.2	5.9	6.3	5.8	6.6	8.6	*	*
1983	9.9	10.2	6.7	7.2	3.9	7.3	5.3	10.9	*	*
1982	10.6	11.5	8.7	6.9	7.7	6.7	8.0	8.8	*	*
1981	11.3	13.4	7.7	10.5	9.8	6.2	5.4	8.0	*	*
1980	12.1	11.6	11.2	7.2	9.3	8.3	6.8	*	*	*
1979	12.2	15.5	9.1	8.2	11.1	8.8	10.1	*	14.5	*
Assault (homicide) (E960-E969)										
Black, both sexes										
1998	23.3	18.0	13.6	10.6	8.7	7.0	6.8	8.3	6.5	*
1997	26.1	20.8	13.1	10.7	11.8	8.7	8.2	8.5	7.4	9.5
1996	28.7	21.6	16.0	13.0	11.1	8.9	8.8	9.1	10.9	9.4
1995	31.6	23.6	17.2	15.8	12.7	12.6	10.9	13.0	8.9	13.6
1994	36.4	24.8	17.5	13.9	12.0	12.9	13.9	12.6	13.0	11.6
1993	39.3	27.7	19.4	14.7	14.9	13.9	14.5	13.8	15.9	15.8
1992	38.2	28.5	20.9	15.0	14.4	16.1	13.3	12.5	16.8	12.9
1991	41.1	32.1	22.7	18.7	18.2	17.2	16.1	17.7	20.5	13.9
1990	39.5	28.5	21.8	18.2	17.4	14.5	13.2	16.5	19.1	21.1
1989	36.0	27.3	23.9	19.3	18.9	17.5	16.2	17.3	14.5	22.7
1988	34.7	28.2	21.0	18.8	16.6	17.9	16.4	16.1	19.1	19.6
1987	32.0	28.5	24.7	22.7	17.0	17.1	16.0	17.9	16.0	17.3
1986	32.5	31.0	29.0	22.5	17.8	19.6	16.4	14.6	16.9	17.9
1985	28.7	30.7	25.2	21.5	20.8	16.7	15.7	12.0	13.9	13.8
1984	28.8	32.6	26.7	23.6	21.4	17.0	17.0	17.3	15.3	14.7
1983	30.1	33.9	28.0	26.5	22.8	17.0	14.9	18.9	18.9	15.2
1982	34.0	41.7	36.0	27.4	24.8	21.1	17.7	15.7	13.8	14.2
1981	36.9	48.4	38.3	33.5	25.6	20.5	16.5	19.7	16.7	12.5
1980	38.2	48.3	40.1	31.1	27.8	21.2	16.3	13.7	17.0	*
1979	36.7	49.5	41.1	33.6	28.8	20.8	16.3	14.6	16.9	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) (E960-E969)										
Black, male										
1998	39.9	29.9	25.3	19.7	16.0	13.2	11.1	14.3	*	*
1997	45.1	35.5	23.1	18.6	19.5	14.5	15.2	15.2	*	*
1996	49.5	36.0	30.7	23.6	19.6	15.7	15.1	15.1	19.4	*
1995	54.5	43.2	30.7	28.6	23.7	21.8	22.2	19.8	*	*
1994	63.2	44.1	30.3	24.8	22.0	22.9	21.9	21.6	20.6	*
1993	68.0	49.9	36.6	27.1	27.7	23.1	26.2	21.5	24.8	27.2
1992	66.2	52.3	37.4	27.8	25.0	27.2	26.8	22.1	24.5	30.8
1991	71.1	57.3	40.9	34.2	32.7	30.5	32.4	31.2	27.9	*
1990	68.5	52.7	40.9	32.6	34.4	24.4	24.1	29.7	27.5	*
1989	61.6	48.9	43.4	32.5	33.4	29.4	29.0	30.3	24.7	37.9
1988	58.6	53.1	36.0	31.5	31.3	30.4	26.4	32.8	26.6	33.8
1987	53.5	46.8	45.0	39.4	31.2	31.1	29.3	31.4	26.1	31.3
1986	55.1	58.4	53.2	41.9	32.3	34.7	27.4	26.2	30.0	*
1985	48.3	56.3	45.3	39.6	40.0	29.5	28.5	20.6	23.0	*
1984	48.4	61.7	51.1	44.7	39.5	31.2	31.4	29.3	26.2	*
1983	51.0	60.8	53.4	48.9	46.4	28.7	28.7	29.7	35.4	*
1982	58.6	76.2	68.6	51.6	45.6	39.2	31.0	26.1	*	*
1981	63.9	88.4	75.3	60.2	44.4	38.7	31.8	36.1	28.6	*
1980	65.7	91.4	74.8	59.8	50.0	37.0	28.6	24.2	34.7	*
1979	62.6	87.8	79.2	63.6	49.7	35.8	25.2	26.1	*	*
Assault (homicide) (E960-E969)										
Black, female										
1998	8.3	7.8	3.7	3.3	*	*	*	*	*	*
1997	9.0	8.2	4.7	4.3	5.8	4.4	*	*	*	*
1996	9.9	9.3	3.8	4.4	4.4	3.8	4.7	*	*	*
1995	10.9	6.9	5.9	5.5	4.3	5.8	*	9.0	*	13.9
1994	12.1	8.5	6.8	5.1	4.3	5.5	8.6	7.3	9.2	*
1993	13.4	9.0	5.1	4.8	5.0	7.1	6.8	9.3	11.5	11.3
1992	13.0	8.4	7.3	4.7	6.3	8.0	*	7.0	12.9	*
1991	14.1	11.0	7.6	6.3	7.2	7.6	5.3	9.8	16.7	*
1990	13.4	8.2	6.2	6.7	4.5	7.4	6.0	8.9	14.7	19.2
1989	13.0	9.1	8.0	8.8	8.0	8.9	7.9	9.6	*	16.3
1988	13.3	7.4	8.6	8.6	5.5	8.9	9.7	*	15.2	13.4
1987	12.7	13.2	8.1	9.4	6.2	6.9	7.1	9.7	*	*
1986	12.2	8.3	9.3	7.0	6.7	8.5	9.0	7.5	*	*
1985	11.0	9.5	8.8	6.8	6.0	7.4	7.3	*	*	*
1984	11.3	8.5	6.7	6.3	7.4	6.6	7.4	9.8	*	*
1983	11.3	11.6	7.4	8.2	4.4	8.4	5.6	12.0	*	*
1982	12.0	13.3	9.6	7.7	8.5	7.7	8.5	9.2	*	*
1981	12.7	15.4	8.3	11.7	10.9	7.1	5.8	9.0	*	*
1980	13.5	13.0	12.0	7.7	10.3	9.4	7.6	*	*	*
1979	13.5	18.0	10.1	8.9	12.2	9.5	9.9	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
All races, both sexes										
1998	4.3	3.1	2.4	1.8	1.6	1.1	1.0	0.8	0.6	*
1997	4.9	3.7	2.5	2.2	1.8	1.3	1.1	0.8	0.6	1.0
1996	5.2	3.6	3.0	2.4	1.7	1.5	1.0	1.1	0.9	0.8
1995	5.8	3.8	3.2	2.7	2.1	1.6	1.2	1.0	0.9	0.6
1994	6.7	4.4	3.5	2.7	2.2	1.5	1.4	1.2	0.9	*
1993	7.0	5.1	3.8	2.9	2.1	1.9	1.4	1.2	0.9	0.8
1992	6.8	4.9	3.8	3.0	2.4	1.6	1.3	1.3	1.2	0.9
1991	7.0	5.6	3.9	3.2	2.4	1.9	1.5	1.3	0.8	0.8
1990	6.5	5.2	4.0	2.9	2.3	1.8	1.3	1.5	1.3	1.0
1989	5.9	4.8	3.9	2.8	2.4	1.9	1.6	1.3	1.1	0.7
1988	5.6	4.7	3.7	3.0	2.4	1.8	1.5	1.4	1.1	1.0
1987	5.2	4.9	3.9	3.1	2.3	2.0	1.5	1.3	1.6	1.1
1986	5.4	5.5	4.2	3.0	2.2	2.0	1.6	1.2	1.5	0.8
1985	5.0	5.4	4.0	3.4	2.5	2.1	1.6	1.4	1.2	1.0
1984	5.0	5.8	4.3	3.5	2.7	1.9	1.6	1.3	1.3	0.9
1983	5.1	5.9	4.6	3.5	2.9	2.1	1.5	1.4	1.1	*
1982	6.0	6.8	5.8	3.8	3.1	2.5	2.0	1.7	1.3	1.0
1981	6.6	8.2	6.1	4.7	3.6	2.5	1.9	1.7	1.1	1.0
1980	6.8	7.9	5.8	4.3	3.7	3.3	2.1	1.5	1.7	1.0
1979	6.5	8.2	5.9	4.7	3.6	2.7	2.5	1.6	1.4	1.1
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
All races, male										
1998	7.2	4.7	3.9	2.9	2.4	1.7	1.4	1.0	*	*
1997	8.4	5.8	4.0	3.4	3.0	1.9	1.7	1.1	*	*
1996	8.9	5.7	4.8	4.2	2.8	2.3	1.4	1.4	1.3	*
1995	10.0	6.3	5.0	4.3	3.5	2.6	1.7	1.3	*	*
1994	11.5	7.2	5.5	4.5	3.5	2.5	2.1	1.7	*	*
1993	12.0	8.3	6.4	4.7	3.4	3.1	2.1	1.7	1.5	*
1992	11.8	8.0	6.1	5.1	3.8	2.4	2.0	1.8	1.9	*
1991	12.1	8.9	6.6	5.1	3.8	3.1	2.4	1.7	*	*
1990	11.2	8.3	6.4	4.6	3.9	3.0	1.9	2.3	*	*
1989	10.0	7.8	6.5	4.5	4.0	3.0	2.6	2.0	1.8	*
1988	9.3	7.7	5.7	4.9	3.6	2.6	2.1	2.2	1.9	*
1987	8.6	7.7	6.2	5.3	3.5	2.9	2.0	2.0	2.7	*
1986	9.1	9.1	7.0	5.1	3.4	3.1	2.6	1.8	2.5	*
1985	8.2	8.7	6.3	5.5	4.1	3.4	2.6	2.1	1.9	*
1984	8.4	9.6	7.4	5.9	4.4	3.2	2.7	2.2	2.1	*
1983	8.7	9.5	7.6	5.8	4.9	3.4	2.8	2.4	*	*
1982	10.1	11.6	9.8	6.6	5.3	4.2	3.5	3.1	2.2	*
1981	11.3	13.6	10.8	8.1	6.0	4.4	3.3	3.3	2.0	*
1980	11.7	13.0	9.9	7.7	6.2	5.9	3.6	2.9	3.3	*
1979	11.0	13.8	10.5	8.3	6.0	4.8	4.3	3.2	2.1	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
All races, female										
1998	1.4	1.5	0.9	0.8	0.8	0.7	0.7	0.6	0.7	*
1997	1.5	1.6	1.0	1.0	0.7	0.7	0.7	0.6	*	0.7
1996	1.7	1.7	1.3	0.8	0.8	0.7	0.7	0.9	0.7	0.7
1995	1.9	1.4	1.5	1.2	0.7	0.8	0.8	0.8	0.9	*
1994	2.1	1.8	1.5	1.1	1.1	0.7	0.9	0.8	0.8	*
1993	2.3	2.0	1.3	1.3	0.9	1.0	0.9	0.9	*	*
1992	2.1	1.9	1.6	1.0	1.1	0.9	0.7	0.9	0.8	*
1991	2.2	2.5	1.4	1.3	1.1	1.0	0.8	1.0	*	*
1990	2.0	2.2	1.6	1.3	0.9	0.8	0.9	1.0	1.3	*
1989	1.9	1.9	1.5	1.3	1.0	1.0	0.9	0.9	*	*
1988	2.0	1.8	1.7	1.2	1.4	1.1	1.1	0.9	*	*
1987	2.0	2.3	1.6	1.1	1.2	1.2	1.1	0.9	1.1	1.0
1986	1.9	2.1	1.7	1.1	1.1	1.0	0.8	0.9	0.9	*
1985	1.9	2.3	1.9	1.5	1.1	1.1	0.9	1.0	*	*
1984	1.8	2.2	1.5	1.3	1.3	1.0	0.7	0.8	*	*
1983	1.8	2.6	1.8	1.5	1.1	1.0	0.5	0.7	*	*
1982	2.0	2.3	2.1	1.4	1.2	1.2	1.0	0.8	*	*
1981	2.2	3.1	1.8	1.7	1.4	0.9	0.8	0.7	*	*
1980	2.3	3.0	2.0	1.4	1.5	1.3	0.9	0.7	*	*
1979	2.1	3.0	1.8	1.4	1.5	1.0	1.2	*	*	*
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
White, both sexes										
1998	2.4	2.2	1.7	1.4	1.3	0.9	0.9	0.7	0.6	*
1997	2.7	2.5	1.9	1.7	1.4	1.0	0.9	0.8	0.5	1.0
1996	2.8	2.5	2.2	1.9	1.3	1.1	0.8	0.9	0.7	0.6
1995	3.2	2.6	2.3	2.0	1.4	1.1	0.9	0.8	0.8	*
1994	3.6	3.0	2.6	2.1	1.7	1.0	1.1	0.9	0.8	*
1993	3.7	3.7	2.8	2.1	1.5	1.5	1.1	1.0	0.7	0.6
1992	3.7	3.4	2.8	2.2	1.9	1.1	0.9	1.1	1.0	0.8
1991	3.8	4.0	2.8	2.4	1.7	1.4	1.2	1.1	0.6	*
1990	3.5	3.7	3.0	2.0	1.7	1.2	1.1	1.3	1.0	0.9
1989	3.2	3.5	2.9	2.0	1.6	1.3	1.2	0.9	0.9	*
1988	3.1	3.5	2.7	2.4	1.8	1.3	1.3	1.0	1.0	0.9
1987	3.1	3.6	2.7	2.3	1.7	1.5	1.2	1.1	1.3	0.9
1986	3.3	3.8	2.8	2.2	1.6	1.3	1.2	1.0	1.0	*
1985	3.2	3.8	3.0	2.6	1.8	1.5	1.3	1.1	0.9	*
1984	3.2	4.0	3.2	2.4	2.0	1.4	1.1	1.0	0.9	*
1983	3.3	4.1	3.2	2.2	2.1	1.6	1.0	0.9	0.9	*
1982	3.8	4.4	3.9	2.6	2.1	1.8	1.4	1.2	1.0	*
1981	4.1	5.4	4.3	3.0	2.3	1.7	1.3	1.1	0.8	*
1980	4.2	5.2	3.7	2.8	2.3	2.5	1.6	1.1	1.1	*
1979	4.0	5.2	3.7	2.9	2.3	1.8	1.8	1.2	1.1	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
White, male										
1998	3.8	3.1	2.6	2.1	1.8	1.2	1.2	0.8	*	*
1997	4.3	3.7	2.9	2.6	2.3	1.5	1.2	1.0	*	*
1996	4.5	3.6	3.2	3.2	2.1	1.7	1.0	1.0	*	*
1995	5.2	4.0	3.4	3.0	2.4	1.8	1.0	0.9	*	*
1994	5.8	4.6	4.1	3.3	2.5	1.6	1.4	1.3	*	*
1993	5.9	5.8	4.4	3.2	2.3	2.3	1.3	1.1	*	*
1992	6.1	5.3	4.1	3.8	3.0	1.6	1.3	1.5	1.7	*
1991	6.1	6.0	4.5	3.7	2.6	2.0	1.6	1.2	*	*
1990	5.8	5.5	4.7	3.1	2.7	2.0	1.3	1.7	*	*
1989	5.2	5.4	4.6	3.2	2.5	1.9	1.7	1.2	*	*
1988	5.0	5.3	4.2	3.9	2.5	1.6	1.6	1.2	*	*
1987	4.9	5.7	4.1	3.8	2.5	2.0	1.5	1.5	2.0	*
1986	5.3	5.9	4.3	3.6	2.2	1.8	1.8	1.2	*	*
1985	5.1	5.7	4.4	3.8	2.7	2.2	1.7	1.3	*	*
1984	5.2	6.3	5.3	3.8	3.1	2.1	1.8	1.3	*	*
1983	5.3	6.3	5.0	3.3	3.2	2.4	1.8	1.3	*	*
1982	6.2	7.4	6.0	4.3	3.2	2.6	2.3	2.1	*	*
1981	6.8	8.8	7.1	5.0	3.9	2.8	2.2	1.9	*	*
1980	7.1	8.2	6.1	4.8	3.8	4.3	2.7	1.9	*	*
1979	6.6	8.5	6.4	5.0	3.7	3.1	3.0	2.2	*	*
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
White, female										
1998	1.0	1.2	0.7	0.8	0.7	0.6	0.7	0.6	*	*
1997	1.1	1.3	0.9	0.8	0.5	0.7	0.7	0.7	*	*
1996	1.2	1.4	1.2	0.7	0.6	0.6	0.7	0.9	*	*
1995	1.3	1.2	1.2	1.0	0.6	0.6	0.8	0.8	0.9	*
1994	1.4	1.4	1.2	0.9	0.9	0.6	0.8	0.7	*	*
1993	1.5	1.6	1.2	1.1	0.8	0.8	0.9	0.8	*	*
1992	1.4	1.5	1.5	0.8	0.9	0.8	0.7	0.9	*	*
1991	1.5	2.1	1.2	1.2	1.0	0.9	0.8	1.0	*	*
1990	1.4	1.9	1.4	1.0	0.8	0.6	0.9	1.0	1.0	*
1989	1.3	1.6	1.1	1.0	0.8	0.8	0.8	0.8	*	*
1988	1.4	1.7	1.4	1.0	1.2	1.0	1.0	0.9	*	*
1987	1.4	1.5	1.4	0.9	1.0	1.1	1.0	0.8	1.0	*
1986	1.4	1.8	1.4	0.9	1.0	0.9	0.8	0.9	*	*
1985	1.4	1.8	1.6	1.4	1.0	1.0	0.9	0.9	*	*
1984	1.4	1.8	1.3	1.1	1.0	0.8	0.7	0.7	*	*
1983	1.3	1.9	1.5	1.3	1.1	0.9	*	0.7	*	*
1982	1.5	1.6	1.9	1.1	1.1	1.1	0.8	*	*	*
1981	1.5	2.2	1.5	1.1	0.9	0.8	0.6	*	*	*
1980	1.5	2.3	1.5	1.0	1.1	1.1	0.8	*	*	*
1979	1.5	2.1	1.2	1.1	1.1	0.8	1.0	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
All other, both sexes										
1998	13.0	7.8	6.5	4.4	3.4	2.7	2.1	*	*	*
1997	15.0	10.0	5.8	4.7	4.4	2.9	2.9	*	*	*
1996	16.6	10.0	8.0	5.6	4.2	4.1	2.9	*	*	*
1995	18.3	10.9	8.6	7.2	6.1	5.2	3.6	*	*	*
1994	21.8	12.8	8.4	6.7	5.7	5.3	4.6	3.5	*	*
1993	23.6	13.7	9.9	7.9	5.9	5.4	4.5	3.9	*	*
1992	22.5	13.9	9.8	7.6	5.8	5.3	4.2	*	*	*
1991	23.7	15.5	10.6	8.1	7.1	6.1	4.6	*	*	*
1990	22.1	14.6	9.7	8.3	6.8	6.4	3.4	3.9	*	*
1989	19.7	12.9	10.8	8.1	8.4	7.0	5.3	4.7	*	*
1988	18.7	12.3	9.5	7.2	7.1	6.3	4.0	5.1	*	*
1987	16.7	13.2	11.3	9.0	6.8	6.3	4.4	3.8	*	*
1986	17.1	15.9	13.8	8.8	7.0	7.7	4.7	3.7	*	*
1985	14.9	15.7	11.1	9.8	8.6	7.6	4.9	5.0	*	*
1984	15.1	16.9	12.0	11.8	8.8	7.1	5.7	4.5	*	*
1983	15.9	18.0	14.4	13.6	9.5	6.5	5.5	5.7	*	*
1982	18.8	22.2	19.9	13.7	12.5	9.2	8.0	6.7	*	*
1981	21.4	26.8	20.3	18.9	14.7	9.7	7.5	7.6	*	*
1980	22.8	26.4	22.0	17.6	15.7	10.5	6.7	5.4	*	*
1979	22.2	29.6	23.4	19.6	15.2	10.7	8.7	5.9	*	*
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
All other, male										
1998	23.6	13.6	11.8	8.1	6.3	4.9	*	*	*	*
1997	27.7	18.0	10.7	8.4	8.0	5.2	6.2	*	*	*
1996	30.3	17.7	15.3	10.9	7.6	7.2	5.3	*	*	*
1995	33.5	20.5	15.4	12.9	11.8	9.3	7.8	*	*	*
1994	39.8	23.2	14.7	12.4	10.2	10.1	9.0	*	*	*
1993	43.0	24.8	19.4	14.5	11.9	9.7	9.7	*	*	*
1992	41.0	25.6	18.7	14.3	10.5	9.4	8.9	*	*	*
1991	43.4	27.9	19.9	15.5	13.4	12.0	9.9	*	*	*
1990	40.5	26.8	17.6	15.1	13.8	11.5	7.8	*	*	*
1989	35.8	23.6	19.2	14.2	15.8	13.2	10.8	9.0	*	*
1988	33.4	23.5	15.9	13.1	13.0	12.0	6.8	11.9	*	*
1987	29.6	20.7	21.1	16.9	12.4	11.2	7.2	*	*	*
1986	30.7	29.9	26.0	17.3	13.4	15.2	10.2	*	*	*
1985	26.5	28.1	19.7	19.0	16.5	15.1	10.7	9.7	*	*
1984	26.8	31.8	23.2	22.7	16.0	13.1	11.8	9.9	*	*
1983	28.6	31.7	27.7	26.7	20.5	13.0	12.3	12.2	*	*
1982	34.1	40.7	39.6	26.1	25.1	19.0	15.2	12.6	*	*
1981	38.6	48.1	40.4	34.6	25.9	19.4	13.8	16.7	*	*
1980	40.8	49.6	41.6	33.3	29.0	19.7	12.4	11.7	*	*
1979	39.7	54.8	45.2	37.7	27.3	20.7	15.9	12.0	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
All other, female										
1998	3.2	2.7	1.9	*	*	*	*	*	*	*
1997	3.4	3.1	1.7	*	*	*	*	*	*	*
1996	4.0	3.4	1.8	*	*	*	*	*	*	*
1995	4.4	2.7	2.7	2.4	*	*	*	*	*	*
1994	5.2	3.8	3.0	*	*	*	*	*	*	*
1993	5.9	4.1	*	2.5	*	*	*	*	*	*
1992	5.5	3.7	2.3	*	*	*	*	*	*	*
1991	5.7	4.7	2.7	*	*	*	*	*	*	*
1990	5.3	4.1	2.9	2.9	*	*	*	*	*	*
1989	5.1	3.7	3.6	3.2	*	*	*	*	*	*
1988	5.2	2.7	4.1	*	*	*	*	*	*	*
1987	5.0	6.7	3.1	2.7	*	*	*	*	*	*
1986	4.8	3.8	3.7	*	*	*	*	*	*	*
1985	4.4	5.1	4.0	*	*	*	*	*	*	*
1984	4.4	4.2	2.8	2.9	3.2	*	*	*	*	*
1983	4.5	6.4	3.5	3.0	*	*	*	*	*	*
1982	4.9	6.5	3.8	3.6	*	*	*	*	*	*
1981	5.9	8.9	4.0	6.0	5.7	*	*	*	*	*
1980	6.5	7.2	6.0	4.5	5.0	*	*	*	*	*
1979	6.3	8.9	5.5	4.4	5.5	*	*	*	*	*
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
Black, both sexes										
1998	17.0	10.2	8.3	5.4	4.3	3.4	*	*	*	*
1997	19.5	12.6	7.3	5.7	5.5	3.4	3.5	*	*	*
1996	21.5	12.9	10.0	7.0	5.4	5.2	3.6	*	*	*
1995	23.4	14.3	10.6	8.5	7.6	6.6	4.5	*	*	*
1994	28.0	16.5	10.5	8.3	7.0	6.7	5.5	4.0	*	*
1993	30.1	17.1	12.6	9.4	6.9	6.7	5.8	4.7	*	*
1992	28.6	17.5	12.3	9.1	7.4	6.7	4.9	*	*	*
1991	29.8	19.5	12.6	9.2	8.2	7.6	5.6	*	*	*
1990	27.9	18.3	11.8	10.1	8.4	7.3	3.8	4.8	*	*
1989	24.6	16.5	13.3	9.6	10.1	7.9	5.8	5.6	*	*
1988	23.1	15.6	11.1	8.7	8.8	7.4	4.8	5.7	*	*
1987	20.6	16.7	13.4	11.0	8.1	7.5	5.0	4.3	*	*
1986	20.9	19.2	16.7	10.7	8.5	9.2	5.6	4.4	*	*
1985	18.0	19.0	13.7	11.4	10.0	8.7	5.5	5.9	*	*
1984	18.0	20.1	14.1	13.8	10.3	8.1	6.5	5.3	*	*
1983	18.8	20.9	16.5	16.2	10.6	7.2	6.3	6.4	*	*
1982	22.1	25.9	23.4	16.3	14.0	10.7	8.8	7.3	*	*
1981	25.1	31.7	23.3	21.7	17.0	10.8	8.1	8.7	*	*
1980	26.4	31.0	25.0	20.5	17.5	11.8	7.4	5.9	*	*
1979	25.2	34.1	26.2	21.7	16.5	11.5	9.6	6.6	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
Black, male										
1998	31.3	18.2	15.6	10.2	8.5	6.2	*	*	*	*
1997	36.4	23.2	14.0	10.6	10.3	5.9	7.4	*	*	*
1996	39.7	23.0	19.3	13.7	9.6	9.0	*	*	*	*
1995	43.5	27.0	19.4	16.0	14.7	12.0	9.8	*	*	*
1994	51.8	30.6	19.0	15.7	13.0	12.9	11.3	*	*	*
1993	55.4	32.2	25.2	17.4	14.2	12.1	12.8	*	*	*
1992	52.8	33.1	23.8	17.6	13.6	12.2	10.8	*	*	*
1991	55.4	36.0	24.6	17.8	16.0	15.1	12.6	*	*	*
1990	51.7	34.4	21.9	19.1	17.2	13.3	8.7	*	*	*
1989	45.2	30.8	24.1	17.1	19.1	15.7	12.7	11.2	*	*
1988	41.9	30.4	18.9	15.7	16.3	14.8	8.0	13.6	*	*
1987	36.9	26.7	25.3	20.9	14.9	13.5	8.4	*	*	*
1986	37.8	37.2	31.7	21.4	16.1	18.4	12.5	*	*	*
1985	32.3	34.7	24.6	22.3	19.6	17.4	12.6	11.8	*	*
1984	32.4	39.2	27.8	26.7	18.9	15.1	13.9	12.0	*	*
1983	34.1	37.5	31.7	31.7	23.1	14.6	14.3	14.5	*	*
1982	40.5	48.0	46.8	30.9	28.5	22.2	17.4	14.3	*	*
1981	45.6	57.3	46.7	40.0	30.1	21.9	15.5	19.6	*	*
1980	47.6	58.5	47.8	39.1	32.6	22.6	14.1	13.1	*	*
1979	45.4	62.6	50.8	42.3	29.8	22.5	18.1	13.7	*	*
Assault (homicide) by discharge of firearms (E965.0-E965.4)										
Black, female										
1998	4.0	3.3	*	*	*	*	*	*	*	*
1997	4.3	3.5	*	*	*	*	*	*	*	*
1996	5.1	4.4	*	*	*	*	*	*	*	*
1995	5.4	3.4	3.2	*	*	*	*	*	*	*
1994	6.5	4.5	3.3	*	*	*	*	*	*	*
1993	7.3	4.3	*	*	*	*	*	*	*	*
1992	6.8	4.3	*	*	*	*	*	*	*	*
1991	6.9	5.7	*	*	*	*	*	*	*	*
1990	6.5	4.7	3.6	*	*	*	*	*	*	*
1989	6.1	4.6	4.5	3.6	*	*	*	*	*	*
1988	6.3	3.2	4.6	*	*	*	*	*	*	*
1987	6.1	8.3	3.6	*	*	*	*	*	*	*
1986	5.7	4.3	4.4	*	*	*	*	*	*	*
1985	5.2	6.0	4.9	*	*	*	*	*	*	*
1984	5.1	4.3	*	*	*	*	*	*	*	*
1983	5.1	7.2	4.0	3.6	*	*	*	*	*	*
1982	5.7	7.7	4.3	4.3	*	*	*	*	*	*
1981	6.8	10.6	4.3	6.7	6.6	*	*	*	*	*
1980	7.4	8.4	6.5	5.2	5.5	*	*	*	*	*
1979	7.1	10.6	6.2	4.9	6.0	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
All races, both sexes										
1998	2.2	2.3	1.7	1.7	1.4	1.5	1.4	1.8	2.2	2.0
1997	2.3	2.5	1.9	1.9	1.7	1.6	1.8	2.0	2.1	2.8
1996	2.4	2.5	2.1	1.9	1.9	1.7	1.6	1.7	2.0	2.1
1995	2.6	2.7	2.2	2.2	1.8	1.8	1.7	2.1	2.2	2.6
1994	2.7	2.4	2.2	1.8	1.7	1.9	1.8	2.2	2.8	2.9
1993	2.8	2.6	2.3	2.1	2.1	1.8	2.2	2.0	3.0	3.3
1992	3.0	3.0	2.7	2.0	2.0	2.2	2.4	2.3	2.9	3.2
1991	3.4	3.3	3.1	2.7	2.7	2.4	2.2	3.0	3.3	3.3
1990	3.4	3.0	2.7	2.4	2.4	2.0	2.4	2.6	3.3	3.5
1989	3.3	3.2	3.0	2.5	2.4	2.3	2.4	2.7	3.2	3.6
1988	3.3	3.1	2.6	2.8	2.2	2.6	2.7	3.1	3.4	3.7
1987	3.4	3.4	3.2	3.2	2.4	2.4	2.8	3.5	3.1	4.1
1986	3.5	3.4	3.3	3.1	2.5	2.5	2.6	3.0	3.5	3.9
1985	3.3	3.5	3.1	2.8	2.6	2.5	2.3	2.8	3.1	3.1
1984	3.3	3.5	3.3	2.7	2.7	2.1	2.7	2.8	3.7	3.4
1983	3.4	3.5	3.2	3.1	2.7	2.4	2.5	3.4	3.7	4.6
1982	3.6	4.0	3.6	3.1	2.8	2.5	2.6	3.0	3.4	4.8
1981	3.6	4.3	3.8	3.2	2.6	2.5	2.7	3.6	4.1	4.4
1980	3.7	4.3	4.0	3.1	2.8	2.8	3.1	3.5	3.8	4.3
1979	3.4	4.0	3.3	2.9	2.8	2.9	2.6	2.6	4.1	3.9
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
All races, male										
1998	2.9	3.2	2.6	2.7	2.2	2.2	1.9	2.8	2.6	2.5
1997	3.0	3.5	2.7	2.7	2.4	2.4	2.3	2.8	3.0	4.4
1996	3.2	3.3	3.2	2.6	3.0	2.4	2.2	2.2	2.9	2.9
1995	3.4	3.8	3.1	3.3	2.8	2.6	2.1	2.5	2.7	3.2
1994	3.6	3.5	3.3	2.7	2.7	2.8	2.3	3.1	3.9	4.8
1993	3.7	3.8	3.4	3.2	3.2	2.3	2.8	2.7	3.1	4.7
1992	4.0	4.5	3.9	3.1	3.2	3.3	3.2	3.0	4.1	5.1
1991	4.5	5.0	4.6	4.1	4.1	3.3	3.4	3.9	4.5	4.3
1990	4.7	4.6	4.3	3.7	3.8	3.0	3.6	3.3	4.4	4.8
1989	4.4	4.9	4.6	3.9	3.7	3.1	3.3	3.8	3.9	6.4
1988	4.5	4.8	4.1	4.1	3.7	3.5	3.9	4.3	4.1	5.3
1987	4.6	5.2	4.8	4.9	3.9	3.7	3.9	4.8	4.1	6.1
1986	4.9	5.3	5.1	5.0	3.7	3.7	3.4	4.3	4.4	4.7
1985	4.6	5.4	5.0	4.6	3.9	3.5	3.3	3.8	3.6	3.5
1984	4.5	5.4	5.4	4.2	4.3	3.0	4.0	3.6	4.9	5.4
1983	4.7	5.3	5.2	4.9	4.4	3.4	3.6	4.1	5.3	6.4
1982	5.0	6.3	5.8	5.0	4.3	3.6	3.6	4.0	4.1	6.7
1981	5.1	6.9	6.1	5.0	4.0	3.7	4.1	4.2	5.1	8.0
1980	5.4	7.3	6.5	5.2	4.4	4.3	4.3	4.8	5.5	5.6
1979	4.8	6.1	5.5	4.7	4.3	4.0	2.9	3.6	5.2	4.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
All races, female										
1998	1.6	1.4	0.9	0.8	0.6	0.8	1.0	1.1	1.9	1.8
1997	1.6	1.6	1.1	1.1	1.1	1.0	1.3	1.5	1.6	2.2
1996	1.7	1.7	1.0	1.1	1.0	1.1	1.1	1.4	1.6	1.8
1995	1.9	1.6	1.3	1.2	1.0	1.1	1.5	1.8	1.9	2.3
1994	1.8	1.3	1.1	1.0	0.8	1.2	1.4	1.6	2.3	2.1
1993	2.0	1.5	1.2	1.1	1.1	1.3	1.8	1.5	3.0	2.7
1992	2.0	1.6	1.5	1.0	1.0	1.3	1.8	1.8	2.3	2.4
1991	2.3	1.8	1.8	1.3	1.5	1.6	1.3	2.4	2.7	2.9
1990	2.1	1.3	1.1	1.2	1.1	1.2	1.6	2.1	2.7	3.1
1989	2.2	1.5	1.5	1.2	1.3	1.7	1.8	2.0	2.8	2.6
1988	2.2	1.5	1.3	1.6	0.9	1.8	1.8	2.3	3.0	3.1
1987	2.2	1.7	1.7	1.6	1.2	1.3	2.0	2.6	2.5	3.3
1986	2.2	1.5	1.6	1.3	1.4	1.6	2.0	2.2	3.1	3.6
1985	2.1	1.8	1.3	1.3	1.5	1.6	1.6	2.2	2.9	3.0
1984	2.1	1.6	1.3	1.4	1.3	1.3	1.7	2.3	3.0	2.7
1983	2.1	1.7	1.3	1.5	1.2	1.7	1.7	3.0	2.9	3.9
1982	2.2	1.8	1.6	1.4	1.5	1.7	1.9	2.4	3.1	4.0
1981	2.1	1.9	1.6	1.6	1.4	1.6	1.6	3.2	3.6	2.9
1980	2.2	1.5	1.6	1.3	1.3	1.6	2.3	2.7	2.9	3.7
1979	2.1	2.1	1.3	1.3	1.5	2.0	2.3	2.0	3.6	3.4
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
White, both sexes										
1998	1.6	1.6	1.3	1.3	1.0	1.2	1.1	1.4	2.0	1.8
1997	1.6	1.8	1.4	1.5	1.2	1.2	1.5	1.6	1.9	2.4
1996	1.7	1.7	1.6	1.4	1.5	1.5	1.3	1.3	1.7	1.8
1995	1.8	1.9	1.6	1.6	1.4	1.4	1.3	1.4	1.8	1.9
1994	1.8	1.6	1.6	1.4	1.3	1.5	1.3	1.7	2.3	2.2
1993	1.9	1.7	1.8	1.7	1.5	1.2	1.6	1.4	2.3	2.5
1992	2.0	2.1	2.1	1.6	1.5	1.4	1.8	1.7	2.1	2.5
1991	2.2	2.3	2.2	1.8	1.9	1.7	1.5	2.1	2.3	2.7
1990	2.2	2.1	1.8	1.7	1.7	1.5	1.8	1.8	2.4	2.3
1989	2.1	2.3	2.1	1.6	1.8	1.6	1.7	1.9	2.6	2.4
1988	2.1	2.0	1.7	2.0	1.7	1.8	1.9	2.5	2.3	2.7
1987	2.2	2.3	2.2	2.2	1.8	1.7	2.1	2.6	2.5	3.3
1986	2.4	2.3	2.2	2.1	1.8	1.8	1.9	2.3	3.0	3.0
1985	2.2	2.5	2.0	2.1	1.8	1.9	1.6	2.5	2.7	2.6
1984	2.2	2.3	2.2	1.9	1.9	1.4	1.9	1.9	3.2	2.7
1983	2.3	2.3	2.2	2.3	1.8	1.7	1.9	2.6	2.9	4.1
1982	2.4	2.6	2.6	2.3	2.0	1.7	2.0	2.5	2.9	4.3
1981	2.5	2.8	2.5	2.3	2.0	1.8	2.1	3.0	3.5	3.9
1980	2.6	2.8	2.8	2.3	2.0	2.1	2.5	3.1	3.4	4.0
1979	2.3	2.7	2.1	1.9	1.9	2.3	2.1	2.1	3.6	3.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
White, male										
1998	2.0	2.2	1.9	1.9	1.6	1.7	1.5	2.0	2.6	2.1
1997	2.1	2.4	2.0	2.1	1.6	1.8	1.8	2.1	2.6	3.5
1996	2.2	2.1	2.2	1.8	2.2	2.0	1.8	1.7	2.4	2.4
1995	2.2	2.4	2.2	2.3	2.1	1.9	1.3	1.6	2.0	2.8
1994	2.4	2.3	2.6	2.1	2.0	2.2	1.7	2.2	3.1	3.5
1993	2.5	2.3	2.6	2.5	2.3	1.5	1.9	1.9	2.1	3.4
1992	2.7	3.0	3.0	2.4	2.4	2.1	2.1	2.1	3.0	3.5
1991	3.0	3.2	3.2	2.8	2.9	2.3	2.1	2.5	3.0	3.4
1990	3.0	3.1	2.7	2.6	2.5	2.3	2.6	2.1	3.0	3.3
1989	2.8	3.4	3.0	2.7	2.8	2.1	2.2	2.4	3.1	4.4
1988	2.8	2.9	2.5	2.8	2.7	2.4	2.7	3.1	2.8	3.4
1987	2.9	3.4	3.2	3.5	2.7	2.5	2.5	3.2	3.2	4.3
1986	3.1	3.5	3.3	3.4	2.6	2.6	2.4	3.1	3.3	3.3
1985	3.0	3.5	3.3	3.4	2.5	2.7	2.2	3.3	2.7	3.2
1984	2.9	3.5	3.5	2.8	2.8	1.9	2.7	2.2	4.0	3.9
1983	3.1	3.3	3.4	3.6	2.7	2.4	2.6	3.0	3.5	5.3
1982	3.3	3.9	4.2	3.5	3.1	2.3	2.7	3.2	3.4	6.5
1981	3.4	4.2	3.8	3.6	3.1	2.4	2.9	3.0	4.1	6.4
1980	3.6	4.6	4.5	3.7	3.2	3.2	3.2	4.1	4.7	5.3
1979	3.2	4.0	3.3	3.0	2.8	3.2	2.5	2.7	4.7	5.0
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
White, female										
1998	1.2	1.0	0.8	0.8	0.4	0.8	0.8	0.9	1.6	1.6
1997	1.2	1.1	0.8	0.9	0.8	0.7	1.3	1.2	1.5	1.9
1996	1.3	1.2	0.9	0.9	0.9	1.0	0.9	1.1	1.3	1.5
1995	1.4	1.4	1.1	0.9	0.8	0.9	1.3	1.2	1.6	1.5
1994	1.2	0.9	0.8	0.7	0.7	0.9	0.9	1.3	1.8	1.7
1993	1.4	1.2	1.0	0.9	0.8	1.0	1.4	1.0	2.5	2.1
1992	1.4	1.2	1.2	0.8	0.7	0.9	1.6	1.5	1.6	2.1
1991	1.5	1.3	1.3	0.9	1.1	1.2	1.0	1.8	1.9	2.4
1990	1.4	1.1	0.8	0.9	1.0	0.9	1.2	1.6	2.1	1.9
1989	1.5	1.1	1.2	0.7	1.0	1.2	1.3	1.5	2.3	1.7
1988	1.5	1.0	0.9	1.1	0.8	1.3	1.3	2.1	2.0	2.4
1987	1.6	1.2	1.3	1.0	1.0	1.1	1.8	2.2	2.1	3.0
1986	1.6	1.2	1.2	0.9	1.1	1.2	1.5	1.8	2.9	2.9
1985	1.5	1.5	0.8	0.9	1.3	1.3	1.1	2.0	2.7	2.4
1984	1.5	1.2	1.0	1.2	1.1	1.1	1.3	1.7	2.8	2.2
1983	1.5	1.4	1.1	1.1	1.0	1.2	1.4	2.3	2.5	3.6
1982	1.6	1.3	1.1	1.2	1.1	1.3	1.5	2.0	2.7	3.5
1981	1.6	1.5	1.3	1.2	1.1	1.3	1.5	2.9	3.2	2.8
1980	1.6	1.1	1.2	1.2	1.0	1.2	2.0	2.5	2.7	3.5
1979	1.5	1.5	1.0	1.0	1.1	1.6	1.8	1.7	3.0	3.3

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
All other, both sexes										
1998	5.1	6.2	4.1	4.2	3.9	3.3	3.7	5.5	*	*
1997	5.4	6.5	4.8	4.0	5.1	4.5	3.8	5.7	*	7.2
1996	5.9	6.8	5.1	4.8	4.6	3.4	4.3	5.5	5.5	5.8
1995	6.6	7.1	5.4	6.0	4.5	5.0	5.3	8.5	6.4	9.9
1994	6.9	6.7	5.3	4.4	4.4	5.1	6.8	7.0	8.6	9.4
1993	7.4	8.2	5.6	4.7	6.3	5.9	7.0	7.5	10.2	11.4
1992	7.9	8.9	6.6	4.9	5.8	8.1	7.5	7.9	11.8	10.3
1991	9.2	9.7	8.5	8.1	8.2	7.8	8.9	11.9	14.3	10.1
1990	9.5	8.2	8.2	7.0	7.5	6.1	8.0	10.1	12.3	16.9
1989	9.5	8.7	8.8	8.1	7.4	8.2	9.0	10.6	10.2	16.4
1988	9.7	10.1	8.6	8.6	6.7	9.1	9.9	8.8	15.3	14.9
1987	9.5	10.1	9.5	10.1	7.8	8.2	9.5	11.8	9.7	12.5
1986	9.9	9.9	10.5	10.4	8.1	9.0	9.2	9.7	9.1	13.9
1985	9.1	10.1	10.3	8.6	9.1	7.0	9.0	5.8	7.7	9.0
1984	9.3	10.7	10.6	8.6	9.4	7.6	9.8	10.9	8.8	11.5
1983	9.8	10.9	10.2	9.3	10.5	8.7	7.9	11.4	13.0	11.1
1982	10.4	13.5	11.3	9.9	9.5	9.4	8.3	8.2	9.1	*
1981	10.4	14.7	13.2	10.3	8.0	8.7	8.2	10.0	10.8	*
1980	10.6	15.1	13.4	9.8	9.5	9.0	8.7	7.5	*	*
1979	10.4	13.5	13.1	11.0	11.3	8.4	6.9	8.0	10.7	*
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
All other, male										
1998	6.9	9.2	7.4	7.5	6.5	6.0	5.5	9.9	*	*
1997	7.1	9.6	7.2	6.4	7.7	7.1	6.5	8.8	*	*
1996	8.0	9.9	9.2	7.7	8.3	5.6	6.6	*	*	*
1995	8.9	12.3	8.9	10.2	7.8	7.9	9.1	11.2	*	*
1994	9.3	10.9	8.5	6.8	7.8	8.3	8.2	11.2	*	*
1993	10.1	13.5	9.1	8.0	10.5	8.9	10.5	10.3	*	*
1992	10.9	15.0	10.2	8.0	9.5	13.0	12.9	12.1	15.4	*
1991	12.7	16.1	13.1	13.4	13.4	12.2	16.4	18.0	18.9	*
1990	13.7	14.4	14.9	11.6	14.3	9.3	12.8	15.6	17.8	*
1989	13.5	14.5	15.5	12.8	11.6	11.7	14.2	17.1	*	24.7
1988	13.7	17.3	14.8	13.6	12.3	12.9	15.1	16.0	17.9	*
1987	13.8	16.7	16.2	15.9	14.1	14.7	17.6	19.5	*	*
1986	14.6	17.4	17.9	18.0	13.8	14.0	12.8	15.2	*	*
1985	13.5	17.8	17.8	14.7	16.7	10.5	13.3	*	*	*
1984	13.6	18.4	19.2	15.7	17.4	13.6	16.6	15.8	*	*
1983	14.6	19.2	18.8	15.5	19.9	12.5	12.6	14.2	23.7	*
1982	15.6	23.4	19.1	17.9	14.9	15.5	12.5	11.5	*	*
1981	15.9	26.9	24.8	17.4	12.7	15.1	15.9	15.1	*	*
1980	16.2	28.2	23.7	18.5	16.1	14.3	14.5	11.2	*	*
1979	15.5	21.9	24.7	19.6	18.2	11.9	*	12.0	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
All other, female										
1998	3.4	3.7	*	*	*	*	*	*	*	*
1997	3.8	3.9	2.8	*	3.0	*	*	*	*	*
1996	3.9	4.0	*	2.4	*	*	*	*	*	*
1995	4.4	2.7	2.4	2.4	*	*	*	6.7	*	11.1
1994	4.6	3.1	2.7	2.4	*	*	5.8	*	*	*
1993	5.0	3.6	2.7	*	3.0	3.7	4.6	5.8	8.5	*
1992	5.1	3.6	3.5	*	3.0	4.5	*	5.3	9.8	*
1991	6.1	4.3	4.6	3.8	4.2	4.6	*	8.2	11.8	*
1990	5.8	2.9	2.6	3.3	*	3.7	4.7	6.7	9.1	16.2
1989	5.9	3.8	3.1	4.3	4.1	5.6	5.4	6.5	*	12.5
1988	6.0	3.9	3.3	4.6	*	6.2	6.4	*	13.7	*
1987	5.6	4.3	3.9	5.4	2.9	3.5	*	6.8	*	*
1986	5.6	3.4	4.4	4.4	3.8	5.2	6.8	6.2	*	*
1985	5.1	3.5	4.0	3.6	3.1	4.4	6.0	*	*	*
1984	5.4	4.1	3.4	2.9	3.2	*	5.2	7.6	*	*
1983	5.5	3.8	3.2	4.2	*	5.8	*	9.5	*	*
1982	5.6	5.1	4.9	3.3	5.2	4.8	5.2	*	*	*
1981	5.4	4.5	3.7	4.5	4.1	3.9	*	*	*	*
1980	5.6	4.3	5.1	*	4.3	5.0	*	*	*	*
1979	5.9	6.6	3.6	3.8	5.7	5.8	6.9	*	*	*
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
Black, both sexes										
1998	6.3	7.8	5.3	5.2	4.4	3.6	4.4	6.1	*	*
1997	6.6	8.2	5.9	5.0	6.3	5.3	4.6	7.0	*	8.1
1996	7.2	8.6	6.0	6.0	5.7	3.7	5.3	6.0	7.0	6.9
1995	8.1	9.3	6.6	7.2	5.1	6.0	6.5	10.1	7.0	11.5
1994	8.4	8.4	7.0	5.5	5.1	6.2	8.4	8.6	9.9	10.8
1993	9.2	10.7	6.8	5.3	8.0	7.2	8.7	9.1	12.1	13.5
1992	9.6	11.0	8.7	5.8	7.0	9.4	8.4	9.5	13.5	10.5
1991	11.3	12.6	10.1	9.4	10.0	9.6	10.5	14.4	16.8	11.4
1990	11.6	10.3	10.0	8.1	9.0	7.2	9.4	11.8	14.2	18.4
1989	11.4	10.7	10.6	9.7	8.9	9.6	10.4	11.7	11.0	18.6
1988	11.6	12.6	9.9	10.1	7.9	10.5	11.6	10.4	16.5	16.4
1987	11.4	11.8	11.3	11.7	8.9	9.6	11.0	13.6	10.6	13.9
1986	11.6	11.8	12.4	11.9	9.3	10.4	10.8	10.2	9.8	14.4
1985	10.7	11.7	11.5	10.1	10.8	8.0	10.2	6.1	8.6	10.3
1984	10.8	12.4	12.5	9.8	11.1	8.9	10.5	12.0	9.3	11.6
1983	11.3	13.0	11.6	10.3	12.2	9.7	8.6	12.5	14.5	12.5
1982	11.9	15.8	12.7	11.2	10.7	10.4	8.9	8.5	9.6	*
1981	11.8	16.8	15.0	11.8	8.7	9.7	8.4	10.9	12.0	*
1980	11.8	17.3	15.1	10.7	10.3	9.4	8.9	7.7	*	*
1979	11.5	15.4	14.9	11.8	12.3	9.2	6.7	8.1	11.4	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
Black, male										
1998	8.6	11.7	9.7	9.5	7.4	7.0	7.0	10.5	*	*
1997	8.7	12.3	9.2	8.0	9.2	8.5	7.8	11.8	*	*
1996	9.8	13.0	11.3	9.9	10.0	6.7	8.6	*	*	*
1995	11.1	16.2	11.3	12.5	9.0	9.9	12.4	14.1	*	*
1994	11.4	13.6	11.3	9.1	9.0	10.0	10.6	14.0	*	*
1993	12.5	17.7	11.4	9.7	13.5	11.0	13.5	13.2	*	*
1992	13.4	19.2	13.6	10.2	11.5	15.0	16.0	15.5	*	*
1991	15.8	21.4	16.4	16.3	16.7	15.4	19.8	22.8	22.9	*
1990	16.8	18.3	19.0	13.5	17.2	11.1	15.4	19.0	22.4	*
1989	16.4	18.1	19.3	15.4	14.3	13.7	16.3	19.1	*	*
1988	16.7	22.7	17.1	15.9	15.1	15.6	18.4	19.2	*	*
1987	16.6	20.2	19.6	18.5	16.3	17.6	20.9	22.9	*	*
1986	17.2	21.2	21.5	20.5	16.1	16.3	14.9	16.3	*	*
1985	16.0	21.7	20.8	17.3	20.3	12.1	15.9	*	*	*
1984	16.0	22.4	23.3	18.1	20.6	16.0	17.6	17.4	*	*
1983	16.9	23.3	21.6	17.2	23.3	14.0	14.3	15.2	26.8	*
1982	18.1	28.2	21.7	20.6	17.1	17.1	13.6	*	*	*
1981	18.3	31.1	28.6	20.1	14.3	16.8	16.3	16.5	*	*
1980	18.2	32.8	27.1	20.7	17.4	14.4	14.5	*	*	*
1979	17.2	25.2	28.4	21.4	19.9	13.3	*	12.4	*	*
Assault (homicide) by other and unspecified means and their sequelae (E960-E964,E965.5-E969)										
Black, female										
1998	4.2	4.5	*	*	*	*	*	*	*	*
1997	4.7	4.7	3.1	*	4.0	*	*	*	*	*
1996	4.9	4.9	*	*	*	*	*	*	*	*
1995	5.5	3.4	2.7	*	*	*	*	7.8	*	12.9
1994	5.7	4.0	3.5	*	*	*	6.9	*	*	*
1993	6.1	4.7	3.1	*	3.8	4.3	5.6	6.7	10.0	*
1992	6.2	4.2	4.6	*	3.6	5.4	*	*	11.0	*
1991	7.3	5.3	4.9	3.9	4.8	5.4	*	9.4	13.7	*
1990	6.9	3.5	*	3.8	*	4.4	5.5	7.5	*	17.9
1989	7.0	4.5	3.4	5.2	4.7	6.7	6.5	7.3	*	14.4
1988	7.1	4.2	4.0	5.5	*	6.8	7.1	*	14.6	*
1987	6.6	4.9	4.5	6.3	*	*	*	8.0	*	*
1986	6.5	4.0	4.9	4.9	4.1	6.0	8.0	*	*	*
1985	5.9	3.5	3.9	4.3	*	5.0	6.5	*	*	*
1984	6.2	4.2	3.7	*	3.8	*	5.7	8.6	*	*
1983	6.2	4.4	3.4	4.6	*	6.6	*	10.8	*	*
1982	6.3	5.6	5.3	3.4	5.7	5.5	5.7	*	*	*
1981	6.0	4.9	4.0	5.0	4.2	4.4	*	*	*	*
1980	6.1	4.6	5.4	*	4.7	5.6	*	*	*	*
1979	6.4	7.4	3.9	4.0	6.2	6.2	6.4	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Legal intervention (E970-E978)										
All races, both sexes										
1998	0.1	0.2	*	*	*	*	*	*	*	*
1997	0.1	0.1	*	*	*	*	*	*	*	*
1996	0.1	0.1	*	*	*	*	*	*	*	*
1995	0.1	0.1	*	*	*	*	*	*	*	*
1994	0.1	0.1	*	*	*	*	*	*	*	*
1993	0.1	0.1	*	*	*	*	*	*	*	*
1992	0.1	0.2	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	0.2	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.2	0.2	*	*	*	*	*	*	*	*
Legal intervention (E970-E978)										
All races, male										
1998	0.3	0.4	*	*	*	*	*	*	*	*
1997	0.3	0.3	*	*	*	*	*	*	*	*
1996	0.2	0.3	*	*	*	*	*	*	*	*
1995	0.3	0.3	*	*	*	*	*	*	*	*
1994	0.3	0.3	*	*	*	*	*	*	*	*
1993	0.3	0.3	*	*	*	*	*	*	*	*
1992	0.3	0.4	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.3	0.3	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.3	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.3	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Legal intervention (E970-E978)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Legal intervention (E970-E978)										
White, both sexes										
1998	0.1	0.2	*	*	*	*	*	*	*	*
1997	0.1	0.1	*	*	*	*	*	*	*	*
1996	0.1	*	*	*	*	*	*	*	*	*
1995	0.1	0.1	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	0.2	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Legal intervention (E970-E978)										
White, male										
1998	0.2	0.3	*	*	*	*	*	*	*	*
1997	0.2	0.3	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.2	*	*	*	*	*	*	*	*	*
1993	0.2	*	*	*	*	*	*	*	*	*
1992	0.2	0.3	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.2	*	*	*	*	*	*	*	*	*
1982	0.2	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	0.2	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Legal intervention (E970-E978)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Legal intervention (E970-E978)										
All other, both sexes										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.5	*	*	*	*	*	*	*	*	*
Legal intervention (E970-E978)										
All other, male										
1998	0.6	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.5	*	*	*	*	*	*	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	*
1993	0.7	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.5	*	*	*	*	*	*	*	*	*
1990	0.6	*	*	*	*	*	*	*	*	*
1989	0.6	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.6	*	*	*	*	*	*	*	*	*
1986	0.6	*	*	*	*	*	*	*	*	*
1985	0.6	*	*	*	*	*	*	*	*	*
1984	0.6	*	*	*	*	*	*	*	*	*
1983	0.6	*	*	*	*	*	*	*	*	*
1982	0.7	*	*	*	*	*	*	*	*	*
1981	0.8	*	*	*	*	*	*	*	*	*
1980	0.7	*	*	*	*	*	*	*	*	*
1979	1.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Legal intervention (E970-E978)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Legal intervention (E970-E978)										
Black, both sexes										
1998	0.4	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.4	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.4	*	*	*	*	*	*	*	*	*
1986	0.3	*	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.4	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.4	*	*	*	*	*	*	*	*	*
1981	0.4	*	*	*	*	*	*	*	*	*
1980	0.4	*	*	*	*	*	*	*	*	*
1979	0.6	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Legal intervention (E970-E978)										
Black, male										
1998	0.7	*	*	*	*	*	*	*	*	*
1997	0.6	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.6	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	*
1993	0.8	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.7	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.7	*	*	*	*	*	*	*	*	*
1986	0.7	*	*	*	*	*	*	*	*	*
1985	0.7	*	*	*	*	*	*	*	*	*
1984	0.8	*	*	*	*	*	*	*	*	*
1983	0.8	*	*	*	*	*	*	*	*	*
1982	0.9	*	*	*	*	*	*	*	*	*
1981	0.9	*	*	*	*	*	*	*	*	*
1980	0.9	*	*	*	*	*	*	*	*	*
1979	1.2	*	*	*	*	*	*	*	*	*
Legal intervention (E970-E978)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Events of undetermined intent (E980-E989)										
All races, both sexes										
1998	1.4	2.4	1.5	1.1	0.7	0.6	0.5	0.6	1.0	1.6
1997	1.3	2.2	1.4	1.2	0.8	0.6	0.7	0.7	0.8	1.4
1996	1.3	1.7	1.2	0.8	0.8	0.9	0.5	0.8	1.0	1.7
1995	1.2	1.8	1.1	0.8	0.5	0.6	0.5	0.7	0.8	1.5
1994	1.3	1.8	1.2	1.1	0.8	0.6	0.7	0.8	0.9	1.5
1993	1.3	1.7	1.2	1.1	0.9	0.8	0.6	0.8	0.9	1.5
1992	1.1	1.3	1.0	0.8	0.7	0.8	0.5	0.7	1.1	1.1
1991	1.0	1.1	1.0	0.8	0.8	0.7	0.6	0.8	1.1	1.3
1990	1.0	1.1	0.9	0.8	0.8	0.7	0.7	0.8	0.9	1.4
1989	1.1	1.2	1.0	1.1	0.7	0.8	0.7	0.9	1.1	1.2
1988	1.2	1.3	1.1	1.0	0.9	1.0	1.2	0.9	1.3	2.1
1987	1.2	1.3	1.0	1.0	1.2	1.2	0.8	1.2	1.3	2.2
1986	1.3	1.5	1.6	1.4	1.2	1.2	0.9	1.3	1.6	1.9
1985	1.2	1.7	1.2	1.2	1.1	1.0	0.9	1.2	1.6	1.8
1984	1.3	1.4	1.5	1.4	1.2	1.3	1.3	1.2	1.5	2.2
1983	1.3	1.5	1.7	1.6	1.1	1.2	1.1	1.5	1.9	2.6
1982	1.4	1.7	1.7	1.6	1.4	1.0	1.3	1.6	1.4	2.2
1981	1.6	2.0	1.9	2.0	1.7	1.7	1.6	1.5	2.5	3.0
1980	1.6	2.0	1.8	1.8	1.6	1.6	1.4	2.0	2.0	2.6
1979	1.7	2.3	2.3	1.7	2.1	1.4	1.8	1.7	1.9	2.6
Events of undetermined intent (E980-E989)										
All races, male										
1998	1.9	3.3	2.1	1.3	1.1	0.8	0.5	0.7	1.7	2.2
1997	2.0	3.4	1.9	1.6	1.2	0.8	1.0	1.1	1.2	2.3
1996	1.9	2.7	1.7	0.9	1.1	1.4	0.8	1.2	1.4	2.7
1995	1.9	2.7	1.5	1.0	0.7	0.8	0.7	1.0	1.8	2.8
1994	2.0	2.8	1.7	1.5	1.0	0.7	1.1	1.4	1.5	2.6
1993	2.0	2.5	1.7	1.5	1.3	1.3	0.9	1.4	1.7	2.3
1992	1.7	1.8	1.4	1.1	1.0	1.0	0.8	1.0	1.7	*
1991	1.4	1.5	1.3	1.2	1.1	1.0	0.8	1.3	1.6	2.4
1990	1.4	1.6	1.1	1.1	1.3	1.0	0.9	1.2	1.5	*
1989	1.6	1.7	1.4	1.6	0.9	1.1	1.1	1.3	1.9	2.6
1988	1.8	2.0	1.6	1.3	1.4	1.3	1.7	1.6	2.3	3.3
1987	1.9	1.8	1.4	1.4	1.7	2.0	1.2	2.1	2.7	4.1
1986	1.9	2.2	2.2	2.2	1.7	1.6	1.5	2.2	2.8	3.6
1985	1.7	2.1	1.6	1.8	1.6	1.3	1.3	2.1	2.8	4.1
1984	1.9	1.9	2.2	2.0	1.9	2.2	2.0	1.8	2.8	3.5
1983	1.9	2.0	2.5	2.4	1.5	1.9	1.9	2.5	2.6	4.2
1982	2.0	2.4	2.3	2.3	2.2	1.5	2.1	2.4	2.4	3.2
1981	2.3	2.7	2.7	2.7	2.3	2.6	2.6	2.7	4.3	6.1
1980	2.4	2.8	2.3	2.4	2.7	2.4	2.2	3.2	3.6	5.0
1979	2.4	3.1	3.1	2.4	3.1	2.2	2.8	2.7	3.1	5.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Events of undetermined intent (E980-E989)										
All races, female										
1998	0.8	1.6	0.9	0.9	0.5	0.5	0.4	*	*	1.4
1997	0.7	1.1	0.9	0.8	0.5	0.5	0.4	*	*	1.1
1996	0.7	0.8	0.8	0.8	0.6	0.5	*	0.6	0.7	1.3
1995	0.6	0.9	0.6	0.7	*	0.4	*	*	*	1.0
1994	0.7	0.8	0.7	0.7	0.7	0.5	0.4	*	*	1.0
1993	0.7	0.9	0.8	0.7	0.5	0.5	*	*	*	1.2
1992	0.6	0.8	0.7	0.5	0.6	0.6	*	*	0.8	0.9
1991	0.6	0.8	0.7	0.5	0.6	0.5	0.5	*	0.9	*
1990	0.5	0.7	0.8	0.5	0.5	0.4	0.4	*	*	1.3
1989	0.6	0.8	0.6	0.6	0.5	0.6	0.5	0.6	*	*
1988	0.7	0.6	0.7	0.6	0.6	0.7	0.9	*	*	1.6
1987	0.7	0.7	0.6	0.6	0.8	0.6	0.4	0.6	*	1.4
1986	0.7	0.8	0.9	0.7	0.8	0.8	0.5	0.6	0.9	1.2
1985	0.7	1.2	0.7	0.6	0.6	0.7	0.7	0.7	1.0	*
1984	0.7	1.0	0.9	0.8	0.6	0.6	0.8	0.9	*	1.7
1983	0.8	0.9	1.0	1.0	0.8	0.7	0.6	0.8	1.6	2.0
1982	0.8	1.0	1.2	0.9	0.7	0.7	0.7	1.1	*	1.7
1981	0.9	1.3	1.2	1.4	1.2	0.9	1.0	0.8	1.5	1.6
1980	0.9	1.3	1.3	1.2	0.7	1.0	0.9	1.2	1.2	1.6
1979	1.0	1.5	1.6	1.1	1.2	0.8	1.0	1.0	1.3	1.5
Events of undetermined intent (E980-E989)										
White, both sexes										
1998	1.3	2.3	1.4	1.1	0.6	0.7	0.5	0.6	1.0	1.7
1997	1.3	2.1	1.3	1.0	0.8	0.6	0.6	0.7	0.7	1.4
1996	1.2	1.6	1.2	0.8	0.8	0.9	0.5	0.8	0.9	1.6
1995	1.1	1.5	0.9	0.7	0.6	0.5	0.4	0.7	0.8	1.3
1994	1.2	1.5	1.0	1.0	0.7	0.6	0.7	0.8	0.9	1.4
1993	1.2	1.5	1.1	1.0	0.8	0.7	0.6	0.7	0.9	1.4
1992	1.0	1.2	0.9	0.7	0.8	0.7	0.5	0.6	1.1	1.1
1991	0.9	1.1	0.9	0.8	0.7	0.6	0.6	0.8	1.2	1.1
1990	0.9	1.0	0.9	0.7	0.8	0.7	0.6	0.8	0.8	1.3
1989	0.9	1.1	0.8	0.9	0.7	0.8	0.7	0.7	1.1	1.3
1988	1.1	1.1	1.1	0.8	0.9	0.8	1.2	0.9	1.2	2.0
1987	1.1	1.1	0.9	0.9	1.0	1.1	0.7	1.1	1.2	2.1
1986	1.1	1.3	1.3	1.1	1.1	1.1	0.9	1.3	1.4	1.6
1985	1.1	1.5	1.0	1.1	1.0	0.9	0.8	1.1	1.5	1.7
1984	1.1	1.3	1.3	1.2	1.0	1.3	1.2	1.2	1.5	1.9
1983	1.2	1.3	1.4	1.5	0.9	1.1	1.0	1.4	1.8	2.4
1982	1.2	1.5	1.6	1.5	1.3	0.9	1.2	1.5	1.3	2.0
1981	1.4	1.7	1.7	1.9	1.5	1.6	1.5	1.3	2.2	2.7
1980	1.4	1.7	1.7	1.6	1.4	1.5	1.3	1.9	2.0	2.5
1979	1.5	2.0	2.0	1.6	2.0	1.3	1.7	1.6	1.8	2.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Events of undetermined intent (E980-E989)										
White, male										
1998	1.8	3.0	1.9	1.1	0.8	0.8	*	0.7	1.6	2.1
1997	1.8	3.1	1.8	1.2	1.0	0.8	0.9	1.0	*	2.3
1996	1.8	2.4	1.5	0.8	1.0	1.3	0.8	1.2	1.4	2.5
1995	1.7	2.1	1.3	0.9	0.7	0.7	*	0.9	1.8	2.4
1994	1.8	2.3	1.3	1.4	0.8	0.6	1.1	1.2	*	2.4
1993	1.8	2.2	1.5	1.3	1.2	1.1	0.9	1.1	1.8	*
1992	1.5	1.6	1.1	1.0	0.9	0.9	0.8	0.9	1.7	*
1991	1.3	1.4	1.2	1.1	1.0	0.8	0.7	1.2	1.6	*
1990	1.3	1.4	1.0	0.9	1.2	0.9	0.9	1.2	*	*
1989	1.4	1.4	1.1	1.3	0.9	0.9	1.0	1.1	2.0	2.9
1988	1.6	1.7	1.5	1.0	1.2	1.1	1.7	1.5	2.3	3.3
1987	1.6	1.5	1.2	1.2	1.4	1.7	1.1	2.0	2.4	3.9
1986	1.7	1.8	1.8	1.7	1.5	1.3	1.5	2.3	2.5	3.3
1985	1.6	1.8	1.4	1.6	1.4	1.1	1.1	1.8	2.5	3.9
1984	1.6	1.7	1.8	1.6	1.6	2.1	1.8	1.8	2.7	3.0
1983	1.7	1.7	2.0	2.1	1.1	1.8	1.7	2.5	2.4	3.8
1982	1.7	1.9	1.9	2.2	2.0	1.2	1.9	2.3	2.1	*
1981	2.0	2.2	2.3	2.3	2.0	2.5	2.2	2.4	3.8	5.7
1980	2.1	2.2	2.0	1.9	2.2	2.1	2.0	2.8	3.5	4.2
1979	2.1	2.6	2.6	2.1	2.7	1.9	2.6	2.7	2.9	4.1
Events of undetermined intent (E980-E989)										
White, female										
1998	0.8	1.6	0.8	1.0	*	0.6	*	*	*	1.5
1997	0.7	1.1	0.9	0.8	0.6	0.5	0.5	*	*	1.0
1996	0.7	0.9	0.8	0.8	0.6	0.5	*	*	*	1.2
1995	0.6	0.8	0.6	0.6	*	0.4	*	*	*	0.9
1994	0.7	0.8	0.8	0.7	0.7	0.5	*	*	*	1.1
1993	0.6	0.9	0.8	0.7	0.5	0.5	*	*	*	1.2
1992	0.6	0.9	0.7	0.5	0.6	0.6	*	*	*	0.9
1991	0.5	0.8	0.7	0.5	0.5	0.5	0.5	*	0.9	*
1990	0.5	0.7	0.8	0.5	0.4	0.4	*	*	*	1.0
1989	0.5	0.8	0.5	0.6	0.5	0.7	0.5	*	*	*
1988	0.6	0.6	0.7	0.6	0.5	0.6	0.9	*	*	1.6
1987	0.6	0.8	0.6	0.6	0.8	0.6	*	*	*	1.3
1986	0.6	0.7	0.9	0.6	0.8	0.9	*	*	*	*
1985	0.6	1.2	0.7	0.6	0.6	0.7	0.6	0.7	1.0	*
1984	0.6	1.0	0.8	0.8	0.6	0.6	0.7	0.8	*	1.5
1983	0.7	0.8	1.0	0.9	0.7	0.6	0.5	0.7	1.5	1.8
1982	0.7	1.0	1.2	0.9	0.6	0.6	0.6	1.1	*	1.6
1981	0.8	1.2	1.1	1.4	1.1	0.9	0.9	*	1.4	1.5
1980	0.8	1.2	1.3	1.3	0.8	1.0	0.9	1.3	1.2	1.7
1979	0.9	1.4	1.5	1.1	1.3	0.8	1.0	0.9	1.3	1.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Events of undetermined intent (E980-E989)										
All other, both sexes										
1998	1.6	3.2	2.2	1.3	1.6	*	*	*	*	*
1997	1.7	3.1	1.7	2.2	*	*	*	*	*	*
1996	1.7	2.3	1.7	1.4	*	*	*	*	*	*
1995	1.8	3.7	1.8	1.5	*	*	*	*	*	*
1994	1.8	3.1	2.3	1.5	*	*	*	*	*	*
1993	1.9	2.6	1.8	1.4	*	*	*	*	*	*
1992	1.6	1.6	1.7	*	*	*	*	*	*	*
1991	1.4	1.3	1.3	*	1.6	*	*	*	*	*
1990	1.4	1.9	*	1.6	*	*	*	*	*	*
1989	1.8	2.2	2.2	2.3	*	*	*	*	*	*
1988	2.0	2.1	1.3	1.9	1.6	2.0	*	*	*	*
1987	2.2	2.0	2.0	1.5	2.6	2.4	*	*	*	*
1986	2.2	2.6	3.1	3.3	2.2	2.1	*	*	*	*
1985	1.9	2.7	1.9	1.9	1.9	*	*	*	*	*
1984	2.1	2.2	3.1	2.8	2.6	*	*	*	*	*
1983	2.3	2.7	3.8	2.9	2.9	*	*	*	*	*
1982	2.4	3.4	3.1	2.3	2.4	2.3	*	*	*	*
1981	2.7	4.1	3.4	3.1	3.7	2.2	3.4	*	*	*
1980	2.8	4.7	2.9	3.3	3.3	3.0	*	*	*	*
1979	3.1	4.6	4.4	2.9	3.6	2.7	*	*	*	*
Events of undetermined intent (E980-E989)										
All other, male										
1998	2.6	5.1	3.4	2.5	*	*	*	*	*	*
1997	2.7	5.1	2.6	3.6	*	*	*	*	*	*
1996	2.7	4.2	3.2	*	*	*	*	*	*	*
1995	2.9	6.5	3.1	*	*	*	*	*	*	*
1994	2.9	5.7	4.4	*	*	*	*	*	*	*
1993	3.0	4.2	3.0	*	*	*	*	*	*	*
1992	2.5	2.7	3.2	*	*	*	*	*	*	*
1991	2.0	*	*	*	*	*	*	*	*	*
1990	2.2	2.8	*	*	*	*	*	*	*	*
1989	2.9	3.7	3.3	4.3	*	*	*	*	*	*
1988	3.2	4.0	*	3.5	*	*	*	*	*	*
1987	3.5	3.7	3.3	*	4.8	5.1	*	*	*	*
1986	3.4	4.4	5.4	5.9	*	*	*	*	*	*
1985	2.8	4.0	3.1	3.4	*	*	*	*	*	*
1984	3.2	3.5	4.9	4.6	4.4	*	*	*	*	*
1983	3.4	4.1	6.8	4.7	5.1	*	*	*	*	*
1982	3.8	5.8	5.5	3.5	4.2	*	*	*	*	*
1981	4.1	6.0	5.9	5.5	5.2	*	*	*	*	*
1980	4.3	7.9	5.0	6.2	7.1	5.7	*	*	*	*
1979	4.6	7.0	6.8	5.1	7.2	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Events of undetermined intent (E980-E989)										
All other, female										
1998	0.7	1.6	*	*	*	*	*	*	*	*
1997	0.8	1.3	*	*	*	*	*	*	*	*
1996	0.8	*	*	*	*	*	*	*	*	*
1995	0.8	*	*	*	*	*	*	*	*	*
1994	0.8	*	*	*	*	*	*	*	*	*
1993	0.9	*	*	*	*	*	*	*	*	*
1992	0.7	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.9	*	*	*	*	*	*	*	*	*
1988	1.0	*	*	*	*	*	*	*	*	*
1987	1.0	*	*	*	*	*	*	*	*	*
1986	1.1	*	*	*	*	*	*	*	*	*
1985	1.0	*	*	*	*	*	*	*	*	*
1984	1.1	*	*	*	*	*	*	*	*	*
1983	1.3	*	*	*	*	*	*	*	*	*
1982	1.2	*	*	*	*	*	*	*	*	*
1981	1.4	*	*	*	*	*	*	*	*	*
1980	1.3	*	*	*	*	*	*	*	*	*
1979	1.8	2.6	*	*	*	*	*	*	*	*
Events of undetermined intent (E980-E989)										
Black, both sexes										
1998	2.0	4.4	2.8	1.8	*	*	*	*	*	*
1997	2.1	3.8	2.2	2.7	*	*	*	*	*	*
1996	2.1	2.8	2.0	1.7	*	*	*	*	*	*
1995	2.2	4.5	2.2	1.7	*	*	*	*	*	*
1994	2.2	3.8	2.8	1.8	*	*	*	*	*	*
1993	2.3	3.0	2.3	*	*	*	*	*	*	*
1992	1.9	1.9	1.9	*	*	*	*	*	*	*
1991	1.6	1.5	*	*	2.0	*	*	*	*	*
1990	1.6	2.3	*	*	*	*	*	*	*	*
1989	2.2	2.8	2.8	2.7	*	*	*	*	*	*
1988	2.4	2.7	1.8	2.1	*	2.5	*	*	*	*
1987	2.6	2.6	2.5	*	3.0	2.6	*	*	*	*
1986	2.4	3.0	3.4	3.7	2.6	*	*	*	*	*
1985	2.1	3.1	1.9	2.2	2.3	*	*	*	*	*
1984	2.3	2.5	3.5	2.9	2.7	*	*	*	*	*
1983	2.5	3.2	4.2	3.0	3.3	*	*	*	*	*
1982	2.6	3.2	3.3	2.6	2.4	*	*	*	*	*
1981	2.9	4.3	3.8	3.2	3.8	*	3.8	*	*	*
1980	3.0	5.7	3.2	3.4	3.7	2.7	*	*	*	*
1979	3.3	5.1	4.6	3.0	4.2	2.8	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Events of undetermined intent (E980-E989)										
Black, male										
1998	3.2	7.1	4.6	3.5	*	*	*	*	*	*
1997	3.3	6.6	3.4	4.6	*	*	*	*	*	*
1996	3.4	5.3	3.9	*	*	*	*	*	*	*
1995	3.5	8.2	3.7	*	*	*	*	*	*	*
1994	3.5	7.1	5.5	*	*	*	*	*	*	*
1993	3.6	5.2	3.7	*	*	*	*	*	*	*
1992	3.0	3.2	3.7	*	*	*	*	*	*	*
1991	2.4	*	*	*	*	*	*	*	*	*
1990	2.5	3.4	*	*	*	*	*	*	*	*
1989	3.4	4.7	4.2	5.0	*	*	*	*	*	*
1988	3.9	5.2	*	*	*	*	*	*	*	*
1987	4.1	4.8	4.4	*	5.5	5.8	*	*	*	*
1986	3.7	5.3	6.4	7.0	*	*	*	*	*	*
1985	3.2	4.8	*	*	*	*	*	*	*	*
1984	3.6	4.2	5.6	4.8	*	*	*	*	*	*
1983	3.7	4.6	7.5	5.0	5.7	*	*	*	*	*
1982	4.1	5.7	5.9	*	*	*	*	*	*	*
1981	4.5	6.5	6.7	5.9	5.6	*	*	*	*	*
1980	4.7	9.5	5.5	6.2	8.0	*	*	*	*	*
1979	4.9	8.0	7.2	5.1	8.3	*	*	*	*	*
Events of undetermined intent (E980-E989)										
Black, female										
1998	0.9	2.0	*	*	*	*	*	*	*	*
1997	0.9	*	*	*	*	*	*	*	*	*
1996	0.9	*	*	*	*	*	*	*	*	*
1995	0.9	*	*	*	*	*	*	*	*	*
1994	0.9	*	*	*	*	*	*	*	*	*
1993	1.1	*	*	*	*	*	*	*	*	*
1992	0.8	*	*	*	*	*	*	*	*	*
1991	0.9	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	1.1	*	*	*	*	*	*	*	*	*
1988	1.1	*	*	*	*	*	*	*	*	*
1987	1.2	*	*	*	*	*	*	*	*	*
1986	1.1	*	*	*	*	*	*	*	*	*
1985	1.1	*	*	*	*	*	*	*	*	*
1984	1.2	*	*	*	*	*	*	*	*	*
1983	1.4	*	*	*	*	*	*	*	*	*
1982	1.2	*	*	*	*	*	*	*	*	*
1981	1.5	*	*	*	*	*	*	*	*	*
1980	1.4	*	*	*	*	*	*	*	*	*
1979	1.9	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Discharge of firearms, undetermined intent (E985.0-E985.4)										
All races, both sexes										
1998	0.1	0.1	0.2	*	*	*	*	*	*	*
1997	0.1	0.1	*	*	*	*	*	*	*	*
1996	0.2	0.1	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	0.2	*	*	*	*	*	*	*	*
1993	0.2	0.2	0.2	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	0.3	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	0.2	*	0.2	*	*	*	*	*	*
1985	0.2	0.2	*	0.2	*	0.2	*	*	*	*
1984	0.2	0.2	0.2	0.2	*	0.2	*	*	*	*
1983	0.2	0.2	0.2	0.2	*	*	*	*	*	*
1982	0.2	0.2	0.3	0.2	0.2	*	*	*	*	*
1981	0.3	0.3	0.3	0.3	0.2	*	*	*	*	*
1980	0.3	0.2	0.2	0.2	0.3	*	*	*	*	*
1979	0.3	0.3	0.2	0.2	0.2	*	*	*	*	*
Discharge of firearms, undetermined intent (E985.0-E985.4)										
All races, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.3	0.2	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.3	0.2	*	*	*	*	*	*	*	*
1993	0.4	0.3	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	0.4	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	0.5	*	*	*	*
1984	0.3	0.4	*	*	*	*	*	*	*	*
1983	0.4	*	*	0.4	*	*	*	*	*	*
1982	0.4	0.4	0.5	0.5	*	*	*	*	*	*
1981	0.5	0.5	0.5	0.6	0.4	*	*	*	*	*
1980	0.5	0.4	*	0.4	0.6	*	*	*	*	*
1979	0.5	0.5	*	0.5	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Discharge of firearms, undetermined intent (E985.0-E985.4)										
All races, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.0	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*
Discharge of firearms, undetermined intent (E985.0-E985.4)										
White, both sexes										
1998	0.1	*	0.2	*	*	*	*	*	*	*
1997	0.1	*	*	*	*	*	*	*	*	*
1996	0.1	0.1	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.2	0.1	*	*	*	*	*	*	*	*
1993	0.2	0.2	0.2	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.1	*	*	*	*	*	*	*	*	*
1990	0.1	*	*	*	*	*	*	*	*	*
1989	0.1	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	0.2	*	*	*	*	*	*	*	*
1985	0.2	0.2	*	*	*	*	*	*	*	*
1984	0.2	0.2	*	0.2	*	0.3	*	*	*	*
1983	0.2	*	*	0.2	*	*	*	*	*	*
1982	0.2	0.3	0.3	0.2	0.2	*	*	*	*	*
1981	0.3	0.3	0.3	0.3	0.2	*	*	*	*	*
1980	0.3	0.2	0.2	*	0.3	*	*	*	*	*
1979	0.3	0.3	*	0.2	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Discharge of firearms, undetermined intent (E985.0-E985.4)										
White, male										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.2	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	0.4	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.3	0.4	*	*	*	*	*	*	*	*
1985	0.3	*	*	*	*	*	*	*	*	*
1984	0.4	0.4	*	*	*	*	*	*	*	*
1983	0.4	*	*	0.5	*	*	*	*	*	*
1982	0.4	*	0.5	0.5	*	*	*	*	*	*
1981	0.5	0.5	0.5	0.6	*	*	*	*	*	*
1980	0.5	*	*	*	0.5	*	*	*	*	*
1979	0.4	0.5	*	0.4	*	*	*	*	*	*
Discharge of firearms, undetermined intent (E985.0-E985.4)										
White, female										
1998	0.0	*	*	*	*	*	*	*	*	*
1997	0.0	*	*	*	*	*	*	*	*	*
1996	0.0	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	0.1	*	*	*	*	*	*	*	*	*
1993	0.1	*	*	*	*	*	*	*	*	*
1992	0.1	*	*	*	*	*	*	*	*	*
1991	0.0	*	*	*	*	*	*	*	*	*
1990	0.0	*	*	*	*	*	*	*	*	*
1989	0.0	*	*	*	*	*	*	*	*	*
1988	0.1	*	*	*	*	*	*	*	*	*
1987	0.1	*	*	*	*	*	*	*	*	*
1986	0.1	*	*	*	*	*	*	*	*	*
1985	0.1	*	*	*	*	*	*	*	*	*
1984	0.1	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	0.1	*	*	*	*	*	*	*	*	*
1981	0.1	*	*	*	*	*	*	*	*	*
1980	0.1	*	*	*	*	*	*	*	*	*
1979	0.1	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Discharge of firearms, undetermined intent (E985.0-E985.4)										
All other, both sexes										
1998	0.1	*	*	*	*	*	*	*	*	*
1997	0.2	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.2	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.2	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.2	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*
Discharge of firearms, undetermined intent (E985.0-E985.4)										
All other, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.4	*	*	*	*	*	*	*	*	*
1996	0.5	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.6	*	*	*	*	*	*	*	*	*
1993	0.5	*	*	*	*	*	*	*	*	*
1992	0.4	*	*	*	*	*	*	*	*	*
1991	0.3	*	*	*	*	*	*	*	*	*
1990	0.3	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.4	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.7	*	*	*	*	*	*	*	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Discharge of firearms, undetermined intent (E985.0-E985.4)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	0.1	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*
Discharge of firearms, undetermined intent (E985.0-E985.4)										
Black, both sexes										
1998	0.2	*	*	*	*	*	*	*	*	*
1997	0.3	*	*	*	*	*	*	*	*	*
1996	0.3	*	*	*	*	*	*	*	*	*
1995	0.3	*	*	*	*	*	*	*	*	*
1994	0.3	*	*	*	*	*	*	*	*	*
1993	0.3	*	*	*	*	*	*	*	*	*
1992	0.3	*	*	*	*	*	*	*	*	*
1991	0.2	*	*	*	*	*	*	*	*	*
1990	0.2	*	*	*	*	*	*	*	*	*
1989	0.2	*	*	*	*	*	*	*	*	*
1988	0.3	*	*	*	*	*	*	*	*	*
1987	0.2	*	*	*	*	*	*	*	*	*
1986	0.2	*	*	*	*	*	*	*	*	*
1985	0.2	*	*	*	*	*	*	*	*	*
1984	0.2	*	*	*	*	*	*	*	*	*
1983	0.3	*	*	*	*	*	*	*	*	*
1982	0.3	*	*	*	*	*	*	*	*	*
1981	0.5	*	*	*	*	*	*	*	*	*
1980	0.3	*	*	*	*	*	*	*	*	*
1979	0.4	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Discharge of firearms, undetermined intent (E985.0-E985.4)										
Black, male										
1998	0.3	*	*	*	*	*	*	*	*	*
1997	0.5	*	*	*	*	*	*	*	*	*
1996	0.6	*	*	*	*	*	*	*	*	*
1995	0.4	*	*	*	*	*	*	*	*	*
1994	0.7	*	*	*	*	*	*	*	*	*
1993	0.6	*	*	*	*	*	*	*	*	*
1992	0.5	*	*	*	*	*	*	*	*	*
1991	0.4	*	*	*	*	*	*	*	*	*
1990	0.4	*	*	*	*	*	*	*	*	*
1989	0.3	*	*	*	*	*	*	*	*	*
1988	0.5	*	*	*	*	*	*	*	*	*
1987	0.3	*	*	*	*	*	*	*	*	*
1986	0.4	*	*	*	*	*	*	*	*	*
1985	0.4	*	*	*	*	*	*	*	*	*
1984	0.3	*	*	*	*	*	*	*	*	*
1983	0.4	*	*	*	*	*	*	*	*	*
1982	0.5	*	*	*	*	*	*	*	*	*
1981	0.8	*	*	*	*	*	*	*	*	*
1980	0.6	*	*	*	*	*	*	*	*	*
1979	0.7	*	*	*	*	*	*	*	*	*
Discharge of firearms, undetermined intent (E985.0-E985.4)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	0.1	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	0.2	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	0.2	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
All races, both sexes										
1998	1.2	2.3	1.3	1.0	0.6	0.6	0.4	0.5	0.9	1.4
1997	1.2	2.1	1.3	1.1	0.7	0.5	0.6	0.5	0.7	1.3
1996	1.1	1.6	1.1	0.8	0.7	0.8	0.5	0.7	0.9	1.5
1995	1.1	1.7	1.0	0.8	0.5	0.5	0.4	0.6	0.8	1.3
1994	1.1	1.6	1.1	1.0	0.7	0.5	0.6	0.7	0.8	1.4
1993	1.1	1.5	1.1	0.9	0.7	0.7	0.4	0.6	0.7	1.4
1992	1.0	1.2	1.0	0.7	0.7	0.7	0.4	0.6	1.0	1.1
1991	0.8	1.0	0.9	0.7	0.7	0.6	0.6	0.7	1.0	1.2
1990	0.8	1.0	0.8	0.7	0.8	0.6	0.6	0.6	0.7	1.4
1989	1.0	1.1	0.9	1.0	0.5	0.8	0.6	0.8	0.9	1.2
1988	1.1	1.2	0.9	0.8	0.8	0.8	1.0	0.7	1.1	1.9
1987	1.1	1.1	0.9	0.8	1.1	1.1	0.7	1.1	1.1	2.1
1986	1.1	1.3	1.4	1.2	1.0	1.0	0.8	1.1	1.3	1.8
1985	1.0	1.5	1.0	1.0	0.9	0.7	0.9	1.0	1.4	1.6
1984	1.1	1.2	1.3	1.1	1.1	1.1	1.1	1.1	1.3	2.2
1983	1.1	1.3	1.5	1.4	1.0	1.0	1.0	1.3	1.8	2.5
1982	1.2	1.5	1.5	1.4	1.2	1.0	1.2	1.4	1.2	2.1
1981	1.3	1.7	1.6	1.7	1.5	1.5	1.4	1.3	2.4	2.7
1980	1.3	1.8	1.6	1.6	1.3	1.5	1.3	1.8	1.9	2.5
1979	1.4	2.0	2.1	1.5	1.9	1.2	1.5	1.4	1.7	2.5
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
All races, male										
1998	1.7	3.1	1.9	1.2	0.9	0.6	*	*	1.4	1.8
1997	1.8	3.2	1.8	1.4	1.0	0.6	0.8	0.7	*	1.8
1996	1.6	2.5	1.5	0.8	0.9	1.2	0.7	0.9	1.2	2.2
1995	1.7	2.6	1.3	0.9	0.6	0.7	0.5	0.8	1.6	2.1
1994	1.6	2.5	1.6	1.3	0.8	0.6	0.8	1.1	*	2.5
1993	1.6	2.1	1.4	1.2	1.1	1.0	0.5	0.8	*	2.1
1992	1.4	1.7	1.3	1.0	0.8	0.9	0.6	0.9	1.4	*
1991	1.2	1.3	1.1	0.9	0.9	0.9	0.6	1.2	1.4	*
1990	1.2	1.4	0.9	0.9	1.2	0.8	0.8	0.9	*	*
1989	1.4	1.5	1.2	1.5	0.7	0.9	0.8	1.1	*	2.6
1988	1.5	1.8	1.3	1.1	1.1	1.1	1.2	1.1	1.7	3.0
1987	1.6	1.6	1.2	1.1	1.4	1.8	0.9	1.8	2.0	3.6
1986	1.6	1.8	1.9	1.8	1.3	1.3	1.2	1.9	2.1	3.3
1985	1.4	1.8	1.3	1.5	1.4	0.8	1.1	1.6	2.0	3.5
1984	1.5	1.5	1.9	1.6	1.6	1.8	1.5	1.4	2.3	3.3
1983	1.6	1.7	2.2	1.9	1.3	1.5	1.6	2.2	2.3	4.0
1982	1.6	2.0	1.9	1.9	1.9	1.4	1.8	2.0	1.9	2.9
1981	1.8	2.2	2.2	2.1	1.9	2.2	2.1	2.1	4.1	5.3
1980	1.9	2.5	2.0	2.0	2.0	2.1	2.0	2.7	3.1	4.5
1979	2.0	2.6	2.8	1.9	2.7	1.9	2.3	2.2	2.5	4.9

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
All races, female										
1998	0.8	1.6	0.8	0.9	0.4	0.5	*	*	*	1.3
1997	0.7	1.1	0.9	0.8	0.5	0.4	0.4	*	*	1.0
1996	0.6	0.8	0.7	0.8	0.5	0.5	*	0.6	0.7	1.2
1995	0.6	0.8	0.6	0.6	*	*	*	*	*	1.0
1994	0.6	0.7	0.6	0.7	0.6	0.4	0.4	*	*	1.0
1993	0.6	0.8	0.7	0.7	0.4	0.5	*	*	*	1.1
1992	0.6	0.8	0.7	0.5	0.6	0.6	*	*	0.7	0.9
1991	0.5	0.8	0.7	0.5	0.5	0.4	0.5	*	0.8	*
1990	0.5	0.7	0.7	0.5	0.4	0.4	*	*	*	1.3
1989	0.5	0.7	0.6	0.6	0.4	0.6	0.4	0.6	*	*
1988	0.6	0.6	0.6	0.6	0.5	0.6	0.8	*	*	1.5
1987	0.6	0.7	0.6	0.5	0.7	0.5	0.4	0.6	*	1.4
1986	0.6	0.7	0.9	0.6	0.8	0.7	0.5	0.6	0.9	1.2
1985	0.6	1.1	0.7	0.5	0.6	0.7	0.7	0.7	1.0	*
1984	0.6	0.9	0.8	0.7	0.6	0.5	0.7	0.8	*	1.7
1983	0.7	0.8	0.9	1.0	0.8	0.6	0.6	0.8	1.6	1.9
1982	0.7	0.9	1.1	0.9	0.6	0.6	0.7	1.1	*	1.7
1981	0.8	1.2	1.1	1.3	1.1	0.9	1.0	0.7	1.5	1.6
1980	0.8	1.2	1.2	1.2	0.7	1.0	0.8	1.2	1.2	1.5
1979	0.9	1.4	1.5	1.1	1.2	0.7	1.0	0.9	1.3	1.5
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
White, both sexes										
1998	1.2	2.2	1.2	1.0	0.5	0.6	0.4	0.5	0.9	1.5
1997	1.1	1.9	1.3	0.9	0.7	0.5	0.6	0.5	0.7	1.2
1996	1.1	1.5	1.0	0.7	0.7	0.8	0.5	0.7	0.8	1.4
1995	1.0	1.3	0.8	0.7	0.5	0.5	0.4	0.6	0.8	1.2
1994	1.0	1.4	0.9	0.9	0.6	0.5	0.6	0.7	0.7	1.4
1993	1.0	1.3	1.0	0.8	0.7	0.6	0.4	0.4	0.6	1.3
1992	0.9	1.2	0.9	0.7	0.7	0.6	0.4	0.6	0.9	1.0
1991	0.8	1.0	0.8	0.7	0.6	0.6	0.5	0.7	1.1	1.1
1990	0.7	0.9	0.8	0.6	0.7	0.5	0.5	0.6	0.6	1.2
1989	0.8	0.9	0.7	0.8	0.5	0.7	0.6	0.6	0.9	1.3
1988	0.9	1.0	0.9	0.7	0.7	0.7	1.0	0.7	0.9	1.9
1987	0.9	1.0	0.7	0.7	0.9	1.0	0.6	1.0	1.0	1.9
1986	0.9	1.1	1.2	0.9	0.9	0.9	0.7	1.1	1.1	1.6
1985	0.9	1.3	0.9	0.9	0.8	0.7	0.7	0.9	1.2	1.5
1984	0.9	1.1	1.1	1.0	0.9	1.0	0.9	1.0	1.4	1.9
1983	1.0	1.1	1.3	1.3	0.8	0.9	0.9	1.2	1.7	2.3
1982	1.0	1.2	1.3	1.3	1.1	0.8	1.0	1.3	1.1	1.9
1981	1.1	1.4	1.5	1.5	1.3	1.4	1.3	1.1	2.1	2.5
1980	1.2	1.4	1.5	1.4	1.2	1.3	1.2	1.7	1.8	2.3
1979	1.2	1.7	1.9	1.4	1.8	1.1	1.5	1.3	1.6	2.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
White, male										
1998	1.6	2.8	1.7	1.0	0.7	0.6	*	*	1.4	*
1997	1.7	2.9	1.6	1.1	0.8	0.6	0.7	*	*	*
1996	1.5	2.2	1.3	0.6	0.8	1.1	0.7	0.9	*	*
1995	1.5	2.0	1.1	0.8	0.6	0.6	*	*	1.6	*
1994	1.5	2.1	1.1	1.2	0.6	0.5	0.8	0.9	*	2.2
1993	1.4	1.8	1.2	1.0	1.0	0.8	*	*	*	*
1992	1.3	1.5	1.0	0.8	0.7	0.8	*	*	*	*
1991	1.1	1.2	1.0	0.8	0.7	0.7	*	1.0	*	*
1990	1.0	1.2	0.8	0.7	1.0	0.7	0.7	*	*	*
1989	1.1	1.1	0.9	1.2	0.7	0.7	0.7	0.9	*	2.9
1988	1.3	1.5	1.2	0.8	0.9	0.9	1.2	1.0	*	2.9
1987	1.3	1.3	0.9	0.9	1.1	1.5	0.8	1.7	*	3.3
1986	1.3	1.4	1.5	1.3	1.1	1.0	1.1	1.9	*	3.1
1985	1.2	1.5	1.1	1.3	1.2	0.6	0.9	1.4	*	3.3
1984	1.3	1.3	1.5	1.3	1.3	1.6	1.3	1.4	2.2	*
1983	1.3	1.4	1.7	1.7	1.0	1.3	1.5	2.1	2.0	3.5
1982	1.4	1.5	1.4	1.7	1.7	1.1	1.6	1.7	*	*
1981	1.5	1.7	1.9	1.8	1.7	2.2	1.8	1.9	3.6	4.9
1980	1.6	1.8	1.7	1.6	1.6	1.7	1.7	2.3	3.0	3.7
1979	1.7	2.1	2.3	1.7	2.4	1.6	2.2	2.1	2.3	3.9
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
White, female										
1998	0.8	1.6	0.7	1.0	*	0.6	*	*	*	1.4
1997	0.7	1.0	0.9	0.8	0.5	0.5	*	*	*	0.9
1996	0.6	0.8	0.8	0.8	0.6	0.5	*	*	*	1.2
1995	0.5	0.7	0.6	0.6	*	*	*	*	*	0.9
1994	0.6	0.7	0.6	0.7	0.6	0.5	*	*	*	1.0
1993	0.6	0.8	0.7	0.7	0.4	0.5	*	*	*	1.1
1992	0.5	0.8	0.7	0.5	0.6	0.5	*	*	*	0.9
1991	0.5	0.8	0.7	0.5	0.4	0.4	0.5	*	0.9	*
1990	0.4	0.7	0.8	0.5	0.4	0.4	*	*	*	1.0
1989	0.5	0.7	0.5	0.5	0.4	0.7	*	*	*	*
1988	0.5	0.6	0.6	0.6	0.5	0.5	0.8	*	*	1.6
1987	0.5	0.7	0.5	0.5	0.7	0.6	*	*	*	1.3
1986	0.6	0.7	0.9	0.6	0.8	0.8	*	*	*	*
1985	0.5	1.1	0.6	0.5	0.5	0.7	0.6	0.7	1.0	*
1984	0.6	0.9	0.7	0.7	0.5	0.5	0.7	0.7	*	1.5
1983	0.6	0.8	0.9	0.9	0.7	0.6	*	0.7	1.5	1.8
1982	0.6	0.9	1.1	0.9	0.5	0.6	0.6	1.1	*	1.6
1981	0.7	1.1	1.1	1.3	1.0	0.8	0.9	*	1.3	1.5
1980	0.7	1.1	1.2	1.3	0.7	1.0	0.8	1.3	1.2	1.7
1979	0.8	1.3	1.4	1.1	1.3	0.7	1.0	0.8	1.3	1.4

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
All other, both sexes										
1998	1.5	3.1	2.1	1.2	1.5	*	*	*	*	*
1997	1.5	3.0	1.6	1.9	*	*	*	*	*	*
1996	1.4	2.1	1.5	1.2	*	*	*	*	*	*
1995	1.6	3.7	1.8	1.3	*	*	*	*	*	*
1994	1.5	2.9	2.3	1.4	*	*	*	*	*	*
1993	1.7	2.4	1.6	1.4	*	*	*	*	*	*
1992	1.3	1.5	1.7	*	*	*	*	*	*	*
1991	1.2	1.2	1.3	*	*	*	*	*	*	*
1990	1.3	1.8	*	1.5	*	*	*	*	*	*
1989	1.7	2.1	2.0	2.2	*	*	*	*	*	*
1988	1.8	2.0	*	1.8	*	*	*	*	*	*
1987	2.0	2.0	1.9	*	2.4	2.2	*	*	*	*
1986	1.9	2.5	2.9	3.1	1.9	2.1	*	*	*	*
1985	1.7	2.4	1.9	1.6	1.8	*	*	*	*	*
1984	1.9	2.1	2.8	2.5	2.5	*	*	*	*	*
1983	2.0	2.3	3.5	2.6	2.7	*	*	*	*	*
1982	2.2	3.2	3.0	2.0	2.3	2.2	*	*	*	*
1981	2.3	3.6	3.0	2.7	3.2	*	3.1	*	*	*
1980	2.4	4.4	2.5	2.9	2.7	2.9	*	*	*	*
1979	2.7	4.3	4.1	2.5	3.1	2.4	*	*	*	*
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
All other, male										
1998	2.3	4.9	3.3	*	*	*	*	*	*	*
1997	2.3	5.1	2.5	3.2	*	*	*	*	*	*
1996	2.2	4.0	2.8	*	*	*	*	*	*	*
1995	2.5	6.5	3.1	*	*	*	*	*	*	*
1994	2.3	5.4	4.4	*	*	*	*	*	*	*
1993	2.6	4.1	2.6	*	*	*	*	*	*	*
1992	2.1	2.6	3.2	*	*	*	*	*	*	*
1991	1.7	*	*	*	*	*	*	*	*	*
1990	1.9	2.6	*	*	*	*	*	*	*	*
1989	2.6	3.7	2.8	4.0	*	*	*	*	*	*
1988	2.8	3.7	*	*	*	*	*	*	*	*
1987	3.3	3.7	3.0	*	4.4	4.7	*	*	*	*
1986	2.9	4.2	4.9	5.6	*	*	*	*	*	*
1985	2.5	3.8	3.1	*	*	*	*	*	*	*
1984	2.9	3.4	4.3	4.3	4.2	*	*	*	*	*
1983	3.0	3.6	6.1	4.3	4.7	*	*	*	*	*
1982	3.4	5.4	5.3	*	*	*	*	*	*	*
1981	3.4	5.4	5.1	4.8	*	*	*	*	*	*
1980	3.8	7.4	4.5	5.4	5.8	5.4	*	*	*	*
1979	3.9	6.9	6.8	4.2	6.1	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
All other, female										
1998	0.7	1.5	*	*	*	*	*	*	*	*
1997	0.7	1.2	*	*	*	*	*	*	*	*
1996	0.7	*	*	*	*	*	*	*	*	*
1995	0.7	*	*	*	*	*	*	*	*	*
1994	0.8	*	*	*	*	*	*	*	*	*
1993	0.8	*	*	*	*	*	*	*	*	*
1992	0.6	*	*	*	*	*	*	*	*	*
1991	0.7	*	*	*	*	*	*	*	*	*
1990	0.7	*	*	*	*	*	*	*	*	*
1989	0.8	*	*	*	*	*	*	*	*	*
1988	0.9	*	*	*	*	*	*	*	*	*
1987	0.9	*	*	*	*	*	*	*	*	*
1986	1.0	*	*	*	*	*	*	*	*	*
1985	0.9	*	*	*	*	*	*	*	*	*
1984	1.0	*	*	*	*	*	*	*	*	*
1983	1.2	*	*	*	*	*	*	*	*	*
1982	1.1	*	*	*	*	*	*	*	*	*
1981	1.2	*	*	*	*	*	*	*	*	*
1980	1.3	*	*	*	*	*	*	*	*	*
1979	1.6	*	*	*	*	*	*	*	*	*
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
Black, both sexes										
1998	1.8	4.2	2.8	1.7	*	*	*	*	*	*
1997	1.8	3.8	2.0	2.4	*	*	*	*	*	*
1996	1.7	2.6	1.8	*	*	*	*	*	*	*
1995	1.9	4.5	2.2	*	*	*	*	*	*	*
1994	1.8	3.6	2.7	*	*	*	*	*	*	*
1993	2.0	2.9	2.0	*	*	*	*	*	*	*
1992	1.6	1.8	1.9	*	*	*	*	*	*	*
1991	1.4	1.4	*	*	*	*	*	*	*	*
1990	1.4	2.1	*	*	*	*	*	*	*	*
1989	2.0	2.7	2.5	2.6	*	*	*	*	*	*
1988	2.1	2.5	*	2.0	*	*	*	*	*	*
1987	2.4	2.6	2.3	*	2.9	*	*	*	*	*
1986	2.1	2.8	3.3	3.4	2.3	*	*	*	*	*
1985	1.9	2.9	1.8	*	2.2	*	*	*	*	*
1984	2.2	2.4	3.2	2.7	2.6	*	*	*	*	*
1983	2.2	2.7	3.8	2.7	3.0	*	*	*	*	*
1982	2.3	3.0	3.2	2.4	2.3	*	*	*	*	*
1981	2.4	4.0	3.3	2.8	3.3	*	3.4	*	*	*
1980	2.7	5.3	2.8	2.9	3.1	2.6	*	*	*	*
1979	2.9	4.7	4.3	2.5	3.6	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
Black, male										
1998	2.9	6.9	4.5	*	*	*	*	*	*	*
1997	2.9	6.6	3.2	4.0	*	*	*	*	*	*
1996	2.7	5.0	3.5	*	*	*	*	*	*	*
1995	3.1	8.2	3.7	*	*	*	*	*	*	*
1994	2.8	6.7	5.5	*	*	*	*	*	*	*
1993	3.1	4.9	3.3	*	*	*	*	*	*	*
1992	2.5	3.1	3.7	*	*	*	*	*	*	*
1991	2.1	*	*	*	*	*	*	*	*	*
1990	2.1	3.1	*	*	*	*	*	*	*	*
1989	3.1	4.7	*	4.8	*	*	*	*	*	*
1988	3.3	4.9	*	*	*	*	*	*	*	*
1987	3.8	4.8	4.0	*	5.3	*	*	*	*	*
1986	3.3	5.0	6.2	6.6	*	*	*	*	*	*
1985	2.8	4.4	*	*	*	*	*	*	*	*
1984	3.3	4.2	5.0	4.6	*	*	*	*	*	*
1983	3.3	4.1	6.9	4.6	5.2	*	*	*	*	*
1982	3.6	5.1	5.7	*	*	*	*	*	*	*
1981	3.7	6.1	5.7	5.1	*	*	*	5.1	*	*
1980	4.2	8.9	5.1	5.3	6.7	*	*	*	*	*
1979	4.2	7.8	7.2	*	7.0	*	*	*	*	*
Other and unspecified events of undetermined intent and their sequelae (E980-E984,E985.5-E989)										
Black, female										
1998	0.8	1.9	*	*	*	*	*	*	*	*
1997	0.9	*	*	*	*	*	*	*	*	*
1996	0.8	*	*	*	*	*	*	*	*	*
1995	0.9	*	*	*	*	*	*	*	*	*
1994	0.9	*	*	*	*	*	*	*	*	*
1993	1.0	*	*	*	*	*	*	*	*	*
1992	0.8	*	*	*	*	*	*	*	*	*
1991	0.8	*	*	*	*	*	*	*	*	*
1990	0.8	*	*	*	*	*	*	*	*	*
1989	1.0	*	*	*	*	*	*	*	*	*
1988	1.0	*	*	*	*	*	*	*	*	*
1987	1.1	*	*	*	*	*	*	*	*	*
1986	1.0	*	*	*	*	*	*	*	*	*
1985	1.0	*	*	*	*	*	*	*	*	*
1984	1.1	*	*	*	*	*	*	*	*	*
1983	1.3	*	*	*	*	*	*	*	*	*
1982	1.2	*	*	*	*	*	*	*	*	*
1981	1.3	*	*	*	*	*	*	*	*	*
1980	1.3	*	*	*	*	*	*	*	*	*
1979	1.7	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Operations of war and their sequelae (E990-E999)										
All races, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Operations of war and their sequelae (E990-E999)										
All races, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Operations of war and their sequelae (E990-E999)										
All races, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Operations of war and their sequelae (E990-E999)										
White, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Operations of war and their sequelae (E990-E999)										
White, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	0.0	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	0.0	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Operations of war and their sequelae (E990-E999)										
White, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Operations of war and their sequelae (E990-E999)										
All other, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Operations of war and their sequelae (E990-E999)										
All other, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Operations of war and their sequelae (E990-E999)										
All other, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Operations of war and their sequelae (E990-E999)										
Black, both sexes										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Operations of war and their sequelae (E990-E999)										
Black, male										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*
Operations of war and their sequelae (E990-E999)										
Black, female										
1998	*	*	*	*	*	*	*	*	*	*
1997	*	*	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	*	*	*
1995	*	*	*	*	*	*	*	*	*	*
1994	*	*	*	*	*	*	*	*	*	*
1993	*	*	*	*	*	*	*	*	*	*
1992	*	*	*	*	*	*	*	*	*	*
1991	*	*	*	*	*	*	*	*	*	*
1990	*	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	*	*	*	*	*	*
1988	*	*	*	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*
1986	*	*	*	*	*	*	*	*	*	*
1985	*	*	*	*	*	*	*	*	*	*
1984	*	*	*	*	*	*	*	*	*	*
1983	*	*	*	*	*	*	*	*	*	*
1982	*	*	*	*	*	*	*	*	*	*
1981	*	*	*	*	*	*	*	*	*	*
1980	*	*	*	*	*	*	*	*	*	*
1979	*	*	*	*	*	*	*	*	*	*

Source: CDC/NCHS, National Vital Statistics System

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Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Complications of medical and surgical care (E870-E879,E930-E949)										
All races, both sexes										
1998	1.3	0.7	1.0	1.5	2.1	3.5	4.8	6.8	9.8	15.9
1997	1.2	0.8	1.0	1.3	2.2	3.2	4.5	7.0	9.0	14.5
1996	1.2	0.6	0.9	1.2	2.0	3.1	4.5	6.9	8.3	15.0
1995	1.1	0.7	0.9	1.2	1.9	2.8	4.2	6.1	8.7	13.8
1994	1.1	0.6	0.9	1.0	2.0	2.7	4.2	6.3	7.7	14.0
1993	1.1	0.6	0.8	1.5	1.8	3.1	4.5	6.0	9.2	14.7
1992	1.1	0.5	0.9	1.1	2.0	3.0	4.3	6.5	8.9	14.7
1991	1.0	0.4	0.7	1.2	1.7	2.7	4.3	6.1	9.3	14.7
1990	1.1	0.6	0.7	1.3	1.9	3.2	4.3	7.2	10.3	16.7
1989	1.2	0.6	0.6	1.3	2.3	3.1	5.0	7.3	10.4	18.2
1988	1.2	0.7	0.8	1.6	2.1	3.7	4.9	7.1	10.4	18.4
1987	1.3	0.6	0.9	1.5	2.3	3.7	5.3	7.6	10.6	18.5
1986	1.3	0.6	1.1	1.4	2.5	3.9	5.4	7.7	10.9	18.4
1985	1.2	0.6	0.9	1.5	2.3	3.7	5.3	7.0	10.2	16.6
1984	1.1	0.6	1.0	1.3	2.2	3.2	4.3	7.1	9.2	16.7
1983	1.1	0.6	0.7	1.6	2.2	3.4	5.1	6.9	10.2	15.7
1982	1.1	0.6	0.9	1.6	2.3	3.5	5.1	6.8	9.7	15.2
1981	1.1	0.6	0.9	1.3	2.3	3.4	5.1	6.6	8.9	16.3
1980	1.1	0.5	1.0	1.4	2.3	3.1	4.8	6.6	8.9	15.4
1979	1.2	0.9	1.3	1.6	2.4	3.6	4.8	7.4	9.5	17.1
Complications of medical and surgical care (E870-E879,E930-E949)										
All races, male										
1998	1.2	0.8	1.1	1.6	2.2	3.9	5.4	7.9	12.4	20.1
1997	1.2	0.7	1.1	1.3	2.5	3.7	5.5	8.7	11.5	15.4
1996	1.1	0.6	0.9	1.4	2.1	3.2	5.5	8.1	9.4	17.7
1995	1.0	0.7	1.0	1.4	1.8	2.9	4.6	7.4	10.2	16.7
1994	1.0	0.7	0.9	0.9	2.0	3.2	5.2	6.6	8.8	16.7
1993	1.1	0.6	0.8	1.6	1.9	3.6	5.5	6.9	11.4	16.3
1992	1.0	0.5	0.8	1.3	2.3	3.3	4.9	8.0	10.9	17.7
1991	0.9	0.3	0.7	1.1	1.9	3.0	5.3	6.7	9.4	17.1
1990	1.1	0.7	0.6	1.5	2.2	4.2	5.3	8.4	11.9	20.2
1989	1.2	0.6	0.8	1.6	2.8	4.0	6.0	8.8	12.3	21.3
1988	1.2	0.7	0.8	1.8	2.3	4.2	6.3	8.9	13.6	23.1
1987	1.2	0.6	1.2	1.7	2.8	4.4	6.6	9.4	12.4	22.6
1986	1.2	0.6	1.3	1.6	3.0	4.3	6.8	10.1	12.2	22.2
1985	1.2	0.7	1.2	1.9	3.0	4.5	6.3	9.3	12.0	18.7
1984	1.1	0.6	1.0	1.5	2.8	4.1	5.9	8.6	11.0	19.8
1983	1.1	0.6	0.9	1.9	2.7	4.0	6.5	9.1	12.7	18.7
1982	1.2	0.6	1.1	1.8	2.8	4.8	6.9	8.1	12.3	18.5
1981	1.1	0.7	1.1	1.7	2.9	4.4	6.2	8.7	10.4	20.3
1980	1.1	0.6	1.2	1.9	2.9	4.0	6.1	7.7	11.6	20.5
1979	1.2	1.0	1.5	1.7	3.0	4.8	5.8	10.1	13.0	24.0

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Complications of medical and surgical care (E870-E879,E930-E949)										
All races, female										
1998	1.3	0.7	1.0	1.4	2.1	3.2	4.3	6.0	8.3	14.3
1997	1.2	0.8	0.9	1.4	1.8	2.7	3.7	5.9	7.6	14.1
1996	1.2	0.7	0.9	1.1	2.0	3.0	3.7	6.1	7.7	13.9
1995	1.2	0.6	0.8	0.9	2.1	2.6	3.8	5.3	7.9	12.6
1994	1.1	0.6	0.9	1.1	1.9	2.3	3.5	6.2	7.1	13.0
1993	1.2	0.7	0.8	1.4	1.7	2.8	3.7	5.4	7.9	14.2
1992	1.2	0.4	1.0	0.9	1.7	2.8	3.9	5.5	7.8	13.6
1991	1.1	0.5	0.7	1.4	1.5	2.3	3.6	5.6	9.2	13.7
1990	1.2	0.5	0.9	1.2	1.6	2.3	3.5	6.4	9.4	15.3
1989	1.2	0.6	0.5	1.1	1.8	2.4	4.3	6.3	9.3	17.0
1988	1.3	0.7	0.9	1.4	2.0	3.3	4.0	6.0	8.8	16.6
1987	1.3	0.6	0.7	1.3	1.8	3.1	4.3	6.4	9.6	16.9
1986	1.3	0.7	0.9	1.2	2.0	3.6	4.5	6.2	10.2	16.9
1985	1.2	0.5	0.6	1.2	1.7	3.0	4.6	5.6	9.2	15.7
1984	1.1	0.5	1.0	1.2	1.8	2.5	3.2	6.1	8.2	15.4
1983	1.1	0.6	0.5	1.3	1.8	3.0	4.1	5.5	8.8	14.4
1982	1.1	0.5	0.7	1.3	1.8	2.5	3.8	5.9	8.3	13.8
1981	1.1	0.6	0.8	1.0	1.7	2.5	4.4	5.3	8.0	14.6
1980	1.0	0.5	0.8	1.1	1.8	2.3	3.9	5.9	7.5	13.2
1979	1.1	0.7	1.1	1.4	1.9	2.6	4.1	5.7	7.6	14.1
Complications of medical and surgical care (E870-E879,E930-E949)										
White, both sexes										
1998	1.3	0.6	0.9	1.4	2.0	3.3	4.4	6.4	9.4	15.4
1997	1.2	0.7	0.9	1.2	2.0	3.1	4.3	6.6	8.8	13.9
1996	1.2	0.5	0.8	1.1	1.8	2.9	4.2	6.3	8.2	14.6
1995	1.1	0.5	0.7	1.2	1.8	2.5	4.0	6.0	8.6	13.0
1994	1.0	0.5	0.8	1.0	1.7	2.5	4.0	6.2	7.5	13.2
1993	1.1	0.6	0.6	1.3	1.7	2.9	4.2	5.8	8.7	14.7
1992	1.1	0.4	0.9	1.0	1.8	2.8	4.2	6.0	8.3	14.4
1991	1.0	0.4	0.6	1.0	1.6	2.4	4.0	5.8	8.9	14.3
1990	1.1	0.5	0.7	1.3	1.7	2.9	4.2	7.0	10.1	16.1
1989	1.2	0.4	0.6	1.2	2.2	2.9	4.7	6.8	9.6	17.9
1988	1.2	0.6	0.8	1.4	2.0	3.4	4.6	6.7	10.0	17.4
1987	1.2	0.5	0.8	1.3	2.1	3.5	5.0	7.2	10.0	17.9
1986	1.3	0.5	1.0	1.2	2.3	3.7	5.2	7.2	10.4	18.2
1985	1.2	0.5	0.8	1.4	2.1	3.6	5.0	6.7	9.5	16.5
1984	1.1	0.5	0.9	1.2	2.1	3.0	4.0	6.9	8.7	16.1
1983	1.1	0.5	0.5	1.4	2.1	3.4	4.9	6.5	10.0	15.3
1982	1.1	0.4	0.8	1.4	2.0	3.3	4.7	6.5	9.3	15.0
1981	1.1	0.6	0.7	1.2	2.1	3.2	5.1	6.4	8.6	15.3
1980	1.1	0.5	0.9	1.3	2.1	2.8	4.7	6.4	8.9	14.9
1979	1.1	0.8	1.1	1.5	2.2	3.4	4.5	7.1	8.9	16.2

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Complications of medical and surgical care (E870-E879,E930-E949)										
White, male										
1998	1.2	0.7	1.0	1.5	2.0	3.8	5.2	7.7	11.9	19.4
1997	1.2	0.7	1.0	1.1	2.2	3.6	5.5	8.2	11.3	15.5
1996	1.1	0.5	0.8	1.1	1.9	3.1	5.1	7.3	8.7	17.7
1995	1.0	0.5	0.8	1.4	1.6	2.7	4.6	7.1	10.5	15.6
1994	1.0	0.5	0.7	0.9	1.8	3.2	5.0	6.3	8.8	15.5
1993	1.1	0.5	0.7	1.4	1.8	3.3	5.2	6.8	10.9	16.8
1992	1.0	0.4	0.8	1.1	2.0	3.2	4.7	7.6	10.1	17.1
1991	0.9	*	0.6	1.1	1.9	2.9	4.9	6.5	9.0	16.8
1990	1.1	0.6	0.5	1.5	2.0	3.7	5.1	8.1	11.6	19.7
1989	1.2	0.4	0.7	1.5	2.6	3.8	5.6	8.3	11.6	20.8
1988	1.2	0.6	0.6	1.6	2.2	3.9	5.8	8.6	13.5	22.0
1987	1.2	0.6	1.0	1.5	2.7	4.2	6.4	9.1	12.1	22.2
1986	1.2	0.4	1.2	1.5	2.8	3.9	6.6	9.3	11.5	22.3
1985	1.2	0.6	1.1	1.6	2.7	4.4	6.1	8.9	11.4	18.8
1984	1.1	0.5	1.0	1.4	2.6	3.9	5.5	8.6	10.7	18.8
1983	1.1	0.4	0.7	1.7	2.6	3.9	6.4	8.7	12.4	17.5
1982	1.1	0.5	1.1	1.6	2.6	4.5	6.5	7.3	11.5	18.2
1981	1.1	0.6	0.9	1.5	2.7	4.3	6.2	8.4	9.7	18.7
1980	1.1	0.5	0.9	1.8	2.7	3.7	5.9	7.3	11.9	19.3
1979	1.2	0.9	1.2	1.6	2.8	4.5	5.6	9.8	11.9	23.2
Complications of medical and surgical care (E870-E879,E930-E949)										
White, female										
1998	1.3	0.5	0.8	1.3	1.9	2.9	3.9	5.5	7.9	13.8
1997	1.3	0.7	0.9	1.2	1.9	2.7	3.5	5.4	7.4	13.3
1996	1.2	0.5	0.8	1.1	1.8	2.7	3.4	5.7	7.8	13.4
1995	1.2	0.5	0.7	1.0	2.0	2.3	3.6	5.2	7.5	12.0
1994	1.1	0.5	0.8	1.0	1.7	2.0	3.3	6.0	6.8	12.4
1993	1.2	0.6	0.6	1.2	1.5	2.5	3.4	5.1	7.5	13.9
1992	1.1	0.4	0.9	0.9	1.6	2.5	3.8	4.9	7.3	13.4
1991	1.1	0.5	0.6	1.0	1.3	2.0	3.3	5.3	8.9	13.3
1990	1.2	0.5	0.8	1.1	1.4	2.2	3.5	6.2	9.3	14.7
1989	1.2	0.4	0.4	0.9	1.7	2.1	4.0	5.8	8.6	16.8
1988	1.2	0.6	0.9	1.3	1.8	3.0	3.7	5.5	8.1	15.7
1987	1.2	0.5	0.6	1.2	1.6	2.8	3.9	6.0	9.0	16.3
1986	1.3	0.6	0.9	0.9	1.8	3.5	4.1	5.9	9.8	16.7
1985	1.2	*	0.6	1.1	1.6	3.0	4.2	5.3	8.5	15.6
1984	1.1	0.5	0.8	1.0	1.6	2.2	3.0	5.8	7.6	15.0
1983	1.1	0.5	*	1.1	1.6	3.0	3.8	5.1	8.7	14.5
1982	1.1	*	0.6	1.2	1.6	2.3	3.5	5.9	8.2	13.7
1981	1.1	0.6	0.6	1.0	1.5	2.3	4.4	5.2	7.9	13.9
1980	1.0	0.4	0.8	1.0	1.5	2.1	3.8	5.9	7.3	13.0
1979	1.1	0.7	0.9	1.3	1.7	2.6	3.7	5.5	7.4	13.1

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Complications of medical and surgical care (E870-E879,E930-E949)										
All other, both sexes										
1998	1.3	1.3	1.8	2.0	3.4	5.4	7.2	9.9	14.0	21.6
1997	1.2	1.1	1.5	2.2	3.1	3.7	5.5	11.4	11.2	20.1
1996	1.2	1.2	1.8	2.1	3.3	4.7	7.0	12.4	9.9	19.0
1995	1.1	1.3	1.6	*	2.7	4.8	5.8	7.5	9.8	21.6
1994	1.1	1.2	1.7	1.5	3.6	4.4	5.8	7.9	9.3	22.0
1993	1.2	1.1	1.8	2.6	2.8	5.3	6.8	8.0	14.1	15.4
1992	1.2	*	1.2	1.8	3.3	4.6	5.5	11.2	14.8	17.8
1991	1.1	*	1.2	2.5	2.4	4.5	7.0	8.6	12.9	18.7
1990	1.1	1.0	*	1.8	3.7	5.5	5.2	9.1	12.5	23.0
1989	1.3	1.6	*	2.2	3.1	5.2	7.7	12.7	18.0	21.5
1988	1.4	1.2	*	3.0	3.4	6.0	8.4	10.8	15.3	29.0
1987	1.4	*	1.7	2.5	3.5	5.8	7.9	11.3	16.2	25.0
1986	1.4	1.7	1.6	2.8	4.2	6.1	7.9	12.1	16.8	20.3
1985	1.3	*	1.4	2.6	3.9	4.0	8.4	10.6	16.9	17.5
1984	1.2	*	2.2	2.3	3.5	5.1	7.1	8.9	14.7	23.0
1983	1.3	1.3	2.0	2.9	3.3	4.0	7.3	11.0	12.2	19.7
1982	1.3	1.5	1.5	2.8	4.3	5.3	8.4	9.7	13.5	17.0
1981	1.3	*	2.4	2.4	3.8	4.6	5.1	8.9	12.4	26.8
1980	1.2	*	1.9	2.3	4.4	5.2	5.9	8.8	8.7	21.2
1979	1.5	1.7	3.1	2.5	4.4	4.6	7.5	10.0	16.5	28.2
Complications of medical and surgical care (E870-E879,E930-E949)										
All other, male										
1998	1.2	*	*	*	4.0	5.3	7.1	9.2	17.3	27.1
1997	1.1	*	2.0	*	4.7	4.4	5.9	14.0	13.5	*
1996	1.2	*	*	3.0	3.3	4.4	8.7	15.7	16.6	*
1995	1.0	1.7	*	*	*	4.7	5.4	10.0	*	27.1
1994	1.1	*	*	*	3.6	*	6.8	9.2	*	28.3
1993	1.0	*	*	*	*	5.6	7.5	*	17.1	*
1992	1.2	*	*	*	4.6	4.2	6.9	12.1	18.5	23.6
1991	0.9	*	*	*	*	*	9.0	8.8	*	*
1990	1.1	*	*	*	4.3	8.3	6.9	11.2	*	24.6
1989	1.3	*	*	*	4.3	5.7	9.5	14.0	19.8	25.9
1988	1.3	*	*	3.9	*	7.0	11.3	11.9	*	32.9
1987	1.3	*	*	3.4	*	6.3	8.1	12.1	*	26.0
1986	1.4	*	*	*	5.0	7.6	8.6	17.6	19.4	*
1985	1.4	*	*	4.1	5.7	5.6	8.7	13.6	*	*
1984	1.2	*	*	*	4.4	6.2	9.8	*	*	29.2
1983	1.3	*	*	*	*	*	7.2	13.2	*	30.4
1982	1.4	*	*	3.5	5.1	7.4	10.7	15.7	*	*
1981	1.4	*	*	3.7	5.2	5.6	*	11.8	*	35.9
1980	1.3	*	*	*	4.9	6.5	7.3	12.3	*	32.9
1979	1.5	*	3.9	*	4.7	7.0	*	13.0	25.6	*

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Complications of medical and surgical care (E870-E879,E930-E949)										
All other, female										
1998	1.4	1.4	2.0	*	2.9	5.5	7.4	10.4	12.3	19.3
1997	1.2	*	*	2.2	*	3.1	5.3	9.8	10.0	22.6
1996	1.3	1.3	1.9	*	3.3	4.9	5.8	10.3	*	19.2
1995	1.2	*	*	*	2.7	4.8	6.1	6.0	11.3	19.2
1994	1.2	*	*	*	3.6	4.8	5.1	7.2	9.7	19.3
1993	1.3	*	2.1	2.6	3.1	5.2	6.3	8.1	12.5	16.8
1992	1.2	*	*	*	*	4.8	4.5	10.6	12.7	15.2
1991	1.3	*	*	3.7	*	4.7	5.7	8.4	12.6	18.2
1990	1.1	*	*	*	3.3	3.5	*	7.8	11.0	22.3
1989	1.3	*	*	*	*	4.8	6.5	11.8	17.0	19.3
1988	1.4	*	*	*	3.2	5.2	6.4	10.1	15.7	27.2
1987	1.4	*	*	*	3.4	5.4	7.8	10.7	16.8	24.5
1986	1.4	*	*	3.3	3.6	5.0	7.4	8.6	15.3	19.9
1985	1.2	*	*	*	*	*	8.3	8.6	16.7	17.3
1984	1.3	*	2.9	*	*	4.3	5.2	8.9	15.1	20.0
1983	1.3	*	*	*	*	*	7.5	9.5	*	14.4
1982	1.2	*	*	*	3.7	3.8	6.7	*	*	*
1981	1.2	*	*	*	*	3.9	*	*	*	22.0
1980	1.1	*	*	*	3.9	4.2	*	*	*	*
1979	1.4	*	*	*	4.2	*	7.8	7.8	*	26.3
Complications of medical and surgical care (E870-E879,E930-E949)										
Black, both sexes										
1998	1.6	1.6	2.4	2.5	4.0	7.1	9.1	12.1	15.1	22.9
1997	1.4	1.4	1.9	2.9	3.6	4.1	7.0	13.6	11.6	23.1
1996	1.5	1.4	2.5	2.6	4.2	5.6	8.0	15.1	10.0	20.8
1995	1.3	1.6	2.0	*	3.3	5.5	6.8	8.6	11.6	23.3
1994	1.4	1.4	1.9	1.9	4.2	5.3	6.9	9.2	9.9	25.4
1993	1.4	1.2	2.2	3.2	3.4	6.2	8.0	9.3	14.6	17.8
1992	1.5	*	1.6	2.3	3.7	5.4	6.4	12.5	17.2	18.9
1991	1.3	*	*	3.0	2.6	5.4	8.0	10.1	14.1	19.8
1990	1.4	*	*	2.3	4.1	6.5	6.0	10.3	13.9	24.3
1989	1.6	2.1	*	2.7	3.8	6.4	8.5	14.8	20.2	24.1
1988	1.6	1.5	*	3.3	3.9	6.5	9.7	12.5	16.9	31.3
1987	1.7	*	2.1	3.1	4.2	6.0	8.8	12.3	17.1	28.4
1986	1.6	2.0	2.0	3.3	4.9	6.7	9.0	12.8	15.3	21.4
1985	1.5	*	*	2.9	4.3	4.2	9.1	11.1	18.4	18.5
1984	1.4	*	2.4	2.4	4.2	5.8	7.8	10.4	15.7	23.7
1983	1.5	*	2.3	3.2	3.5	4.6	8.3	11.6	13.2	20.1
1982	1.5	1.8	*	3.1	4.6	5.6	9.6	10.7	15.6	18.2
1981	1.4	*	2.6	2.7	4.0	4.6	5.7	8.5	13.4	28.6
1980	1.3	*	2.1	2.6	5.0	5.3	6.2	9.0	*	20.7
1979	1.6	2.1	3.5	2.6	4.6	4.8	8.0	10.1	17.9	29.5

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols

Table HIST002R_2. Death rates for 113 selected causes, by 5-year age groups, race and sex: United States, 1979-1998

[Death rates for 1991-1998 have been revised based on intercensal population estimates for those years and may differ from rates previously published]

Cause of death, race, sex and year	All ages	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
Complications of medical and surgical care (E870-E879,E930-E949)										
Black, male										
1998	1.4	*	*	*	5.2	7.0	9.4	11.9	18.9	28.7
1997	1.3	*	*	*	5.6	*	7.4	17.1	*	*
1996	1.4	*	*	*	*	5.4	9.7	20.2	18.5	*
1995	1.2	*	*	*	*	5.2	*	12.0	*	30.8
1994	1.3	*	*	*	*	*	8.4	*	*	35.9
1993	1.2	*	*	*	*	6.4	8.7	*	20.0	*
1992	1.4	*	*	*	5.1	*	8.6	13.3	23.6	*
1991	1.1	*	*	*	*	*	10.3	*	*	*
1990	1.4	*	*	*	5.0	9.7	7.9	12.9	*	*
1989	1.7	*	*	*	5.5	7.0	10.3	16.9	23.7	30.3
1988	1.6	*	*	4.7	*	7.1	13.2	14.7	*	38.5
1987	1.6	*	*	4.3	*	6.3	8.8	13.1	*	*
1986	1.7	*	*	*	5.8	8.5	9.7	19.2	*	*
1985	1.6	*	*	4.8	6.3	6.2	9.8	14.7	*	*
1984	1.4	*	*	*	5.1	6.8	10.6	*	*	*
1983	1.5	*	*	*	*	*	8.2	13.3	*	*
1982	1.6	*	*	*	5.5	7.8	12.4	17.4	*	*
1981	1.5	*	*	4.2	5.4	*	*	*	*	37.5
1980	1.5	*	*	*	5.7	6.6	*	*	*	*
1979	1.6	*	4.4	*	*	7.1	*	13.7	27.3	*
Complications of medical and surgical care (E870-E879,E930-E949)										
Black, female										
1998	1.7	1.7	2.6	*	*	7.3	8.9	12.2	13.2	20.8
1997	1.5	*	*	3.0	*	*	6.8	11.5	10.1	26.2
1996	1.6	*	2.5	*	4.3	5.7	6.8	12.1	*	21.1
1995	1.4	*	*	*	3.6	5.8	7.4	6.5	13.6	20.4
1994	1.4	*	*	*	4.3	5.7	6.0	8.6	10.6	21.3
1993	1.6	*	*	*	3.8	6.1	7.5	8.9	11.9	18.9
1992	1.5	*	*	*	*	6.0	4.9	12.1	13.9	16.9
1991	1.5	*	*	4.1	*	5.6	6.5	10.1	13.2	18.5
1990	1.4	*	*	*	*	4.2	*	8.9	12.1	23.7
1989	1.6	*	*	*	*	5.9	7.3	13.6	18.4	21.6
1988	1.6	*	*	*	3.6	6.0	7.4	11.1	16.9	28.2
1987	1.7	*	*	*	4.0	5.7	8.7	11.8	17.5	27.8
1986	1.6	*	*	3.9	4.3	5.3	8.5	8.9	15.8	20.3
1985	1.4	*	*	*	*	*	8.6	8.8	18.4	19.5
1984	1.5	*	*	*	*	5.0	6.0	10.2	15.1	21.7
1983	1.5	*	*	*	*	*	8.3	10.4	*	16.1
1982	1.4	*	*	*	3.9	*	7.7	*	*	*
1981	1.4	*	*	*	*	*	*	*	*	23.9
1980	1.2	*	*	*	4.5	*	*	*	*	*
1979	1.6	*	*	*	4.5	*	8.0	*	*	26.9

Source: CDC/NCHS, National Vital Statistics System

See cover page at the beginning of this document for more information about this table and a description of symbols