

Table 22. Life expectancy at birth, at age 65, and at age 75, by sex, race, and Hispanic origin: United States, selected years 1900-2010

(Data are based on death certificates)

| Specified age and year | All races | | | White | | | Black or African American ¹ | | |
|---------------------------|------------|------|--------|------------|------|--------|--|------|--------|
| | Both sexes | Male | Female | Both sexes | Male | Female | Both sexes | Male | Female |
| Life expectancy in years | | | | | | | | | |
| At birth | | | | | | | | | |
| 1900 ^{2,3} | 47.3 | 46.3 | 48.3 | 47.6 | 46.6 | 48.7 | 33.0 | 32.5 | 33.5 |
| 1950 ³ | 68.2 | 65.6 | 71.1 | 69.1 | 66.5 | 72.2 | 60.8 | 59.1 | 62.9 |
| 1960 ³ | 69.7 | 66.6 | 73.1 | 70.6 | 67.4 | 74.1 | 63.6 | 61.1 | 66.3 |
| 1970..... | 70.8 | 67.1 | 74.7 | 71.7 | 68.0 | 75.6 | 64.1 | 60.0 | 68.3 |
| 1975..... | 72.6 | 68.8 | 76.6 | 73.4 | 69.5 | 77.3 | 66.8 | 62.4 | 71.3 |
| 1980..... | 73.7 | 70.0 | 77.4 | 74.4 | 70.7 | 78.1 | 68.1 | 63.8 | 72.5 |
| 1981..... | 74.1 | 70.4 | 77.8 | 74.8 | 71.1 | 78.4 | 68.9 | 64.5 | 73.2 |
| 1982..... | 74.5 | 70.8 | 78.1 | 75.1 | 71.5 | 78.7 | 69.4 | 65.1 | 73.6 |
| 1983..... | 74.6 | 71.0 | 78.1 | 75.2 | 71.6 | 78.7 | 69.4 | 65.2 | 73.5 |
| 1984..... | 74.7 | 71.1 | 78.2 | 75.3 | 71.8 | 78.7 | 69.5 | 65.3 | 73.6 |
| 1985..... | 74.7 | 71.1 | 78.2 | 75.3 | 71.8 | 78.7 | 69.3 | 65.0 | 73.4 |
| 1986..... | 74.7 | 71.2 | 78.2 | 75.4 | 71.9 | 78.8 | 69.1 | 64.8 | 73.4 |
| 1987..... | 74.9 | 71.4 | 78.3 | 75.6 | 72.1 | 78.9 | 69.1 | 64.7 | 73.4 |
| 1988..... | 74.9 | 71.4 | 78.3 | 75.6 | 72.2 | 78.9 | 68.9 | 64.4 | 73.2 |
| 1989..... | 75.1 | 71.7 | 78.5 | 75.9 | 72.5 | 79.2 | 68.8 | 64.3 | 73.3 |
| 1990..... | 75.4 | 71.8 | 78.8 | 76.1 | 72.7 | 79.4 | 69.1 | 64.5 | 73.6 |
| 1991..... | 75.5 | 72.0 | 78.9 | 76.3 | 72.9 | 79.6 | 69.3 | 64.6 | 73.8 |
| 1992..... | 75.8 | 72.3 | 79.1 | 76.5 | 73.2 | 79.8 | 69.6 | 65.0 | 73.9 |
| 1993..... | 75.5 | 72.2 | 78.8 | 76.3 | 73.1 | 79.5 | 69.2 | 64.6 | 73.7 |
| 1994..... | 75.7 | 72.4 | 79.0 | 76.5 | 73.3 | 79.6 | 69.5 | 64.9 | 73.9 |
| 1995..... | 75.8 | 72.5 | 78.9 | 76.5 | 73.4 | 79.6 | 69.6 | 65.2 | 73.9 |
| 1996..... | 76.1 | 73.1 | 79.1 | 76.8 | 73.9 | 79.7 | 70.2 | 66.1 | 74.2 |
| 1997..... | 76.5 | 73.6 | 79.4 | 77.1 | 74.3 | 79.9 | 71.1 | 67.2 | 74.7 |
| 1998..... | 76.7 | 73.8 | 79.5 | 77.3 | 74.5 | 80.0 | 71.3 | 67.6 | 74.8 |
| 1999..... | 76.7 | 73.9 | 79.4 | 77.3 | 74.6 | 79.9 | 71.4 | 67.8 | 74.7 |
| 2000..... | 76.8 | 74.1 | 79.3 | 77.3 | 74.7 | 79.9 | 71.8 | 68.2 | 75.1 |
| 2001..... | 77.0 | 74.3 | 79.5 | 77.5 | 74.9 | 80.0 | 72.0 | 68.5 | 75.3 |
| 2002..... | 77.0 | 74.4 | 79.6 | 77.5 | 74.9 | 80.1 | 72.2 | 68.7 | 75.4 |
| 2003..... | 77.2 | 74.5 | 79.7 | 77.7 | 75.1 | 80.2 | 72.4 | 68.9 | 75.7 |
| 2004..... | 77.6 | 75.0 | 80.1 | 78.1 | 75.5 | 80.5 | 72.9 | 69.4 | 76.1 |
| 2005..... | 77.6 | 75.0 | 80.1 | 78.0 | 75.5 | 80.5 | 73.0 | 69.5 | 76.2 |
| 2006..... | 77.8 | 75.2 | 80.3 | 78.3 | 75.8 | 80.7 | 73.4 | 69.9 | 76.7 |
| 2007..... | 78.1 | 75.5 | 80.6 | 78.5 | 76.0 | 80.9 | 73.8 | 70.3 | 77.0 |
| 2008..... | 78.2 | 75.6 | 80.6 | 78.5 | 76.1 | 80.9 | 74.3 | 70.9 | 77.3 |
| 2009..... | 78.5 | 76.0 | 80.9 | 78.8 | 76.4 | 81.2 | 74.7 | 71.4 | 77.7 |
| 2010..... | 78.7 | 76.2 | 81.0 | 78.9 | 76.5 | 81.3 | 75.1 | 71.8 | 78.0 |
| At 65 years | | | | | | | | | |
| 1950 ³ | 13.9 | 12.8 | 15.0 | 14.1 | 12.8 | 15.1 | 13.9 | 12.9 | 14.9 |
| 1960 ³ | 14.3 | 12.8 | 15.8 | 14.4 | 12.9 | 15.9 | 13.9 | 12.7 | 15.1 |

| | | | | | | | | | |
|-----------|------|------|------|------|------|------|------|------|------|
| 1970..... | 15.2 | 13.1 | 17.0 | 15.2 | 13.1 | 17.1 | 14.2 | 12.5 | 15.7 |
| 1975..... | 16.1 | 13.8 | 18.1 | 16.1 | 13.8 | 18.2 | 15.0 | 13.1 | 16.7 |
| 1980..... | 16.4 | 14.1 | 18.3 | 16.5 | 14.2 | 18.4 | 15.1 | 13.0 | 16.8 |
| 1981..... | 16.6 | 14.3 | 18.6 | 16.7 | 14.4 | 18.7 | 15.5 | 13.4 | 17.2 |
| 1982..... | 16.8 | 14.5 | 18.7 | 16.9 | 14.5 | 18.8 | 15.7 | 13.5 | 17.5 |
| 1983..... | 16.7 | 14.4 | 18.6 | 16.8 | 14.5 | 18.7 | 15.4 | 13.2 | 17.2 |
| 1984..... | 16.8 | 14.5 | 18.6 | 16.8 | 14.6 | 18.7 | 15.4 | 13.2 | 17.2 |
| 1985..... | 16.7 | 14.5 | 18.5 | 16.8 | 14.5 | 18.7 | 15.2 | 13.0 | 16.9 |
| 1986..... | 16.8 | 14.6 | 18.6 | 16.9 | 14.7 | 18.7 | 15.2 | 13.0 | 17.0 |
| 1987..... | 16.9 | 14.7 | 18.7 | 17.0 | 14.8 | 18.8 | 15.2 | 13.0 | 17.0 |
| 1988..... | 16.9 | 14.7 | 18.6 | 17.0 | 14.8 | 18.7 | 15.1 | 12.9 | 16.9 |
| 1989..... | 17.1 | 15.0 | 18.8 | 17.2 | 15.1 | 18.9 | 15.2 | 13.0 | 16.9 |
| 1990..... | 17.2 | 15.1 | 18.9 | 17.3 | 15.2 | 19.1 | 15.4 | 13.2 | 17.2 |
| 1991..... | 17.4 | 15.3 | 19.1 | 17.5 | 15.4 | 19.2 | 15.5 | 13.4 | 17.2 |
| 1992..... | 17.5 | 15.4 | 19.2 | 17.6 | 15.5 | 19.3 | 15.7 | 13.5 | 17.4 |
| 1993..... | 17.3 | 15.3 | 18.9 | 17.4 | 15.4 | 19.0 | 15.5 | 13.4 | 17.1 |
| 1994..... | 17.4 | 15.5 | 19.0 | 17.5 | 15.6 | 19.1 | 15.7 | 13.6 | 17.2 |
| 1995..... | 17.4 | 15.6 | 18.9 | 17.6 | 15.7 | 19.1 | 15.6 | 13.6 | 17.1 |
| 1996..... | 17.5 | 15.7 | 19.0 | 17.6 | 15.8 | 19.1 | 15.8 | 13.9 | 17.2 |
| 1997..... | 17.7 | 15.9 | 19.2 | 17.8 | 16.0 | 19.3 | 16.1 | 14.2 | 17.6 |
| 1998..... | 17.8 | 16.0 | 19.2 | 17.8 | 16.1 | 19.3 | 16.1 | 14.3 | 17.4 |
| 1999..... | 17.7 | 16.1 | 19.1 | 17.8 | 16.1 | 19.2 | 16.0 | 14.3 | 17.3 |
| 2000..... | 17.6 | 16.0 | 19.0 | 17.7 | 16.1 | 19.1 | 16.1 | 14.1 | 17.5 |
| 2001..... | 17.9 | 16.2 | 19.2 | 18.0 | 16.3 | 19.3 | 16.2 | 14.2 | 17.7 |
| 2002..... | 17.9 | 16.3 | 19.2 | 18.0 | 16.4 | 19.3 | 16.3 | 14.4 | 17.8 |
| 2003..... | 18.1 | 16.5 | 19.3 | 18.2 | 16.6 | 19.4 | 16.5 | 14.5 | 18.0 |
| 2004..... | 18.4 | 16.9 | 19.6 | 18.5 | 17.0 | 19.7 | 16.8 | 14.9 | 18.3 |
| 2005..... | 18.4 | 16.9 | 19.6 | 18.5 | 17.0 | 19.7 | 16.9 | 15.0 | 18.3 |
| 2006..... | 18.7 | 17.2 | 19.9 | 18.7 | 17.3 | 19.9 | 17.2 | 15.2 | 18.6 |
| 2007..... | 18.8 | 17.4 | 20.0 | 18.9 | 17.4 | 20.1 | 17.3 | 15.4 | 18.8 |
| 2008..... | 18.8 | 17.4 | 20.0 | 18.9 | 17.5 | 20.0 | 17.5 | 15.5 | 18.9 |
| 2009..... | 19.1 | 17.7 | 20.3 | 19.2 | 17.7 | 20.3 | 17.8 | 15.9 | 19.2 |
| 2010..... | 19.1 | 17.7 | 20.3 | 19.2 | 17.8 | 20.3 | 17.8 | 15.9 | 19.3 |

At 75 years

| | | | | | | | | | |
|-----------|------|-----|------|------|-----|------|------|-----|------|
| 1980..... | 10.4 | 8.8 | 11.5 | 10.4 | 8.8 | 11.5 | 9.7 | 8.3 | 10.7 |
| 1981..... | 10.6 | 9.0 | 11.7 | 10.6 | 9.0 | 11.7 | 10.4 | 9.0 | 11.4 |
| 1982..... | 10.7 | 9.1 | 11.9 | 10.7 | 9.0 | 11.9 | 10.6 | 9.1 | 11.6 |
| 1983..... | 10.6 | 9.0 | 11.7 | 10.6 | 8.9 | 11.7 | 10.3 | 8.9 | 11.4 |
| 1984..... | 10.7 | 9.0 | 11.8 | 10.7 | 9.0 | 11.8 | 10.3 | 8.9 | 11.4 |
| 1985..... | 10.6 | 9.0 | 11.7 | 10.6 | 9.0 | 11.7 | 10.1 | 8.7 | 11.1 |
| 1986..... | 10.7 | 9.1 | 11.7 | 10.7 | 9.1 | 11.8 | 10.1 | 8.6 | 11.1 |
| 1987..... | 10.7 | 9.1 | 11.8 | 10.7 | 9.1 | 11.8 | 10.1 | 8.6 | 11.1 |
| 1988..... | 10.6 | 9.1 | 11.7 | 10.7 | 9.1 | 11.7 | 10.0 | 8.5 | 11.0 |
| 1989..... | 10.9 | 9.3 | 11.9 | 10.9 | 9.3 | 11.9 | 10.1 | 8.6 | 11.0 |
| 1990..... | 10.9 | 9.4 | 12.0 | 11.0 | 9.4 | 12.0 | 10.2 | 8.6 | 11.2 |
| 1991..... | 11.1 | 9.5 | 12.1 | 11.1 | 9.5 | 12.1 | 10.2 | 8.7 | 11.2 |
| 1992..... | 11.2 | 9.6 | 12.2 | 11.2 | 9.6 | 12.2 | 10.4 | 8.9 | 11.4 |
| 1993..... | 10.9 | 9.5 | 11.9 | 11.0 | 9.5 | 12.0 | 10.2 | 8.7 | 11.1 |
| 1994..... | 11.0 | 9.6 | 12.0 | 11.1 | 9.6 | 12.0 | 10.3 | 8.9 | 11.2 |

| | | | | | | | | | |
|-----------|------|------|------|------|------|------|------|------|------|
| 1995..... | 11.0 | 9.7 | 11.9 | 11.1 | 9.7 | 12.0 | 10.2 | 8.8 | 11.1 |
| 1996..... | 11.1 | 9.8 | 12.0 | 11.1 | 9.8 | 12.0 | 10.3 | 9.0 | 11.2 |
| 1997..... | 11.2 | 9.9 | 12.1 | 11.2 | 9.9 | 12.1 | 10.7 | 9.3 | 11.5 |
| 1998..... | 11.3 | 10.0 | 12.2 | 11.3 | 10.0 | 12.2 | 10.5 | 9.2 | 11.3 |
| 1999..... | 11.2 | 10.0 | 12.1 | 11.2 | 10.0 | 12.1 | 10.4 | 9.2 | 11.1 |
| 2000..... | 11.0 | 9.8 | 11.8 | 11.0 | 9.8 | 11.9 | 10.4 | 9.0 | 11.3 |
| 2001..... | 11.2 | 9.9 | 12.0 | 11.2 | 10.0 | 12.1 | 10.5 | 9.0 | 11.5 |
| 2002..... | 11.2 | 10.0 | 12.0 | 11.2 | 10.0 | 12.1 | 10.5 | 9.1 | 11.5 |
| 2003..... | 11.3 | 10.1 | 12.1 | 11.3 | 10.2 | 12.1 | 10.7 | 8.7 | 11.6 |
| 2004..... | 11.5 | 10.4 | 12.4 | 11.6 | 10.4 | 12.4 | 10.9 | 9.4 | 11.2 |
| 2005..... | 11.5 | 10.4 | 12.3 | 11.5 | 10.4 | 12.3 | 10.9 | 9.4 | 11.2 |
| 2006..... | 11.7 | 10.6 | 12.5 | 11.1 | 10.6 | 12.5 | 11.1 | 9.1 | 12.0 |
| 2007..... | 11.9 | 10.7 | 12.6 | 11.9 | 10.8 | 12.6 | 11.2 | 9.8 | 12.1 |
| 2008..... | 11.8 | 10.7 | 12.6 | 11.8 | 10.7 | 12.6 | 11.3 | 9.8 | 12.2 |
| 2009..... | 12.1 | 11.0 | 12.9 | 12.1 | 10.4 | 12.9 | 11.6 | 10.2 | 12.5 |
| 2010..... | 12.1 | 11.0 | 12.9 | 12.1 | 11.0 | 12.8 | 11.6 | 10.2 | 12.5 |

| Specified age and year | White, not Hispanic | | | Black, not Hispanic | | | Hispanic ⁴ | | |
|--------------------------|---------------------|------|--------|---------------------|------|--------|-----------------------|------|--------|
| | Both sexes | Male | Female | Both sexes | Male | Female | Both sexes | Male | Female |
| Life expectancy in years | | | | | | | | | |
| At birth | | | | | | | | | |
| 2006..... | 78.2 | 75.7 | 80.6 | 73.1 | 69.5 | 76.4 | 80.3 | 77.5 | 82.9 |
| 2007..... | 78.4 | 75.9 | 80.8 | 73.5 | 69.9 | 76.7 | 80.7 | 77.8 | 83.2 |
| 2008..... | 78.4 | 76.0 | 80.7 | 73.9 | 70.5 | 77.0 | 80.8 | 78.0 | 83.3 |
| 2009..... | 78.7 | 76.3 | 81.1 | 74.3 | 70.9 | 77.4 | 81.1 | 78.4 | 83.5 |
| 2010..... | 78.8 | 76.4 | 81.1 | 74.7 | 71.4 | 77.7 | 81.2 | 78.5 | 83.8 |
| At 65 years | | | | | | | | | |
| 2006..... | 18.7 | 17.2 | 19.9 | 17.1 | 15.1 | 18.5 | 20.2 | 18.5 | 21.5 |
| 2007..... | 18.8 | 17.4 | 20.0 | 17.2 | 15.3 | 18.7 | 20.5 | 18.7 | 21.7 |
| 2008..... | 18.8 | 17.4 | 20.0 | 17.4 | 15.4 | 18.8 | 20.4 | 18.7 | 21.6 |
| 2009..... | 19.1 | 17.7 | 19.5 | 17.7 | 15.8 | 19.1 | 20.7 | 19.0 | 21.9 |
| 2010..... | 19.1 | 17.7 | 20.3 | 17.7 | 15.8 | 19.1 | 20.6 | 18.8 | 22.0 |
| At 75 years | | | | | | | | | |
| 2006..... | 11.7 | 10.6 | 12.5 | 11.1 | 9.6 | 12.0 | 13.0 | 11.7 | 13.7 |
| 2007..... | 11.8 | 10.7 | 12.6 | 11.2 | 9.7 | 12.1 | 13.1 | 11.8 | 13.8 |
| 2008..... | 11.8 | 10.7 | 12.6 | 11.3 | 9.8 | 12.2 | 13.0 | 11.7 | 13.8 |
| 2009..... | 12.0 | 11.0 | 12.9 | 11.6 | 10.1 | 12.4 | 13.3 | 12.0 | 13.8 |
| 2010..... | 12.0 | 11.0 | 12.8 | 11.6 | 10.1 | 12.5 | 13.2 | 11.7 | 14.1 |

¹Data shown for 1900-1960 are for the nonwhite population.

²Death registration area only. The death registration area increased from 10 states and the District of Columbia (D.C.) in 1900 to the coterminous United States in 1933. See Appendix II, Registration area.

³Includes deaths of persons who were not residents of the 50 states and D.C.

⁴Hispanic origin was added to the U.S. standard death certificate in 1989 and was adopted by every state in 1997. To estimate life expectancy, age-specific death rates were corrected to address racial and ethnic misclassification, which underestimates deaths in the Hispanic population. To address the effects of age misstatement at the oldest ages, the probability of death for Hispanic persons older than 80 years is estimated as a function of non-Hispanic white mortality with the use of the Brass relational logit model. See Appendix II, Hispanic origin. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

NOTES: Populations for computing life expectancy for 1991-1999 are 1990-based postcensal estimates of U.S. resident population. Starting with *Health, United States, 2012*, populations for computing life expectancy for 2001-2009 were based on intercensal population estimates of the U.S. resident population. Populations for computing life expectancy for 2010 were based on 2010 census counts. See Appendix I, Population Census and Population Estimates. In 1997, life table methodology was revised to construct complete life tables by single years of age that extend to age 100. (Anderson RN. Method for constructing complete annual U.S. life tables. NCHS. Vital Health Stat 2(129). 1999.) Previously, abridged life tables were constructed for 5-year age groups ending with 85 years and over. In 2000, the life table methodology was revised. The revised methodology is similar to that developed for the 1999-2001 decennial life tables. In 2008, the life table methodology was further refined. See Appendix II, Life expectancy. Starting with 2003 data, some states allowed the reporting of more than one race on the death certificate. The multiple-race data for these states were bridged to the single-race categories of the 1977 Office of Management and Budget standards, for comparability with other states. The race groups, white and black include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. See Appendix II, Race. Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS, National Vital Statistics System, public-use Mortality Files; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940-1960. Washington, DC: U.S. Government Printing Office, 1968; Arias E. United States life tables by Hispanic origin. Vital health statistics; vol 2 no 152. Hyattsville, MD: NCHS. 2010. Murphy SL, Xu JQ, Kochanek KD. Deaths: Final data for 2010. National vital statistics reports; vol 61 no 4. Hyattsville, MD: NCHS; 2012. Available from: http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_04.pdf. See Appendix I, National Vital Statistics System (NVSS).

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