

**Table 4. Life expectancy at birth, at age 65, and at age 75, by sex, race, and Hispanic origin: United States, selected years 1900–2017**

Excel version (with more data years and standard errors when available): [https://www.cdc.gov/nchs/hus/contents2018.htm#Table\\_004](https://www.cdc.gov/nchs/hus/contents2018.htm#Table_004).

[Data are based on death certificates]

Specified age and year	All races			White <sup>1</sup>			Black or African American <sup>1,2</sup>		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Life expectancy in years								
At birth									
1900 <sup>3,4</sup>	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5
1950 <sup>3,4</sup>	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1960 <sup>4</sup>	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
1990	75.4	71.8	78.8	76.1	72.7	79.4	69.1	64.5	73.6
1995	75.8	72.5	78.9	76.5	73.4	79.6	69.6	65.2	73.9
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
2012	78.8	76.4	81.2	79.1	76.7	81.4	75.5	72.3	78.4
2013	78.8	76.4	81.2	79.0	76.7	81.4	75.5	72.3	78.4
2014	78.9	76.5	81.3	79.1	76.7	81.4	75.6	72.5	78.5
2015 <sup>5</sup>	78.7	76.3	81.1	78.9	76.6	81.3	75.5	72.2	78.5
2016 <sup>5</sup>	78.7	76.2	81.1	---	---	---	---	---	---
2017 <sup>5</sup>	78.6	76.1	81.1	---	---	---	---	---	---
At 65 years									
1950 <sup>3,4</sup>	13.9	12.8	15.0	14.1	12.8	15.1	13.9	12.9	14.9
1960 <sup>4</sup>	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
1990	17.2	15.1	18.9	17.3	15.2	19.1	15.4	13.2	17.2
1995	17.4	15.6	18.9	17.6	15.7	19.1	15.6	13.6	17.1
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
2012	19.3	17.9	20.5	19.3	18.0	20.4	18.1	16.2	19.5
2013	19.3	17.9	20.5	19.3	18.0	20.5	18.1	16.2	19.5
2014	19.4	18.0	20.6	19.4	18.0	20.6	18.2	16.4	19.7
2015 <sup>5</sup>	19.3	18.0	20.5	19.3	18.0	20.5	18.2	16.4	19.6
2016 <sup>5</sup>	19.4	18.1	20.6	---	---	---	---	---	---
2017 <sup>5</sup>	19.4	18.1	20.6	---	---	---	---	---	---

**Table 4. Life expectancy at birth, at age 65, and at age 75, by sex, race, and Hispanic origin: United States, selected years 1900–2017**

Excel version (with more data years and standard errors when available): [https://www.cdc.gov/nchs/hus/contents2018.htm#Table\\_004](https://www.cdc.gov/nchs/hus/contents2018.htm#Table_004).

[Data are based on death certificates]

Specified age and year	All races			White <sup>1</sup>			Black or African American <sup>1,2</sup>		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
At 75 years									
	Life expectancy in years								
1980	10.4	8.8	11.5	10.4	8.8	11.5	9.7	8.3	10.7
1990	10.9	9.4	12.0	11.0	9.4	12.0	10.2	8.6	11.2
1995	11.0	9.7	11.9	11.1	9.7	12.0	10.2	8.8	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	9.2	11.6
2004	11.5	10.4	12.4	11.6	10.4	12.4	10.9	9.4	11.8
2005	11.5	10.4	12.3	11.5	10.4	12.3	10.9	9.4	11.7
2006	11.7	10.6	12.5	11.7	10.6	12.5	11.1	9.6	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	11.0	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
2012	12.2	11.2	12.9	12.1	11.1	12.9	11.8	10.4	12.7
2013	12.2	11.2	12.9	12.1	11.1	12.9	11.8	10.4	12.7
2014	12.3	11.2	13.1	12.2	11.2	13.0	11.9	10.6	12.8
2015 <sup>5</sup>	12.2	11.2	13.0	12.1	11.2	12.9	11.9	10.6	12.7
2016 <sup>5</sup>	12.3	11.3	13.1	---	---	---	---	---	---
2017 <sup>5</sup>	12.3	11.3	13.0	---	---	---	---	---	---
	White, not Hispanic			Black, not Hispanic			Hispanic <sup>6</sup>		
Specified age and year	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
At birth									
	Life expectancy in years								
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	81.0	74.4	71.0	77.4	81.1	78.4	83.5
2010 <sup>7</sup>	78.8	76.4	81.1	74.7	71.5	77.7	81.7	78.8	84.3
2011 <sup>7</sup>	78.7	76.4	81.1	75.0	71.8	77.8	81.8	79.2	84.2
2012 <sup>7</sup>	78.9	76.5	81.2	75.1	71.9	78.1	81.9	79.3	84.3
2013 <sup>7</sup>	78.8	76.5	81.2	75.1	71.9	78.1	81.9	79.2	84.2
2014 <sup>7</sup>	78.8	76.5	81.2	75.3	72.2	78.2	82.1	79.4	84.5
2015 <sup>5,7</sup>	78.7	76.3	81.0	75.1	71.9	78.1	81.9	79.3	84.3
2016 <sup>5,7</sup>	78.6	76.2	81.0	74.9	71.6	78.0	81.8	79.1	84.3
2017 <sup>5,7</sup>	78.5	76.1	81.0	74.9	71.5	78.1	81.8	79.1	84.3
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	20.3	17.7	15.8	19.1	20.7	19.0	21.9
2010 <sup>7</sup>	19.1	17.7	20.3	17.7	15.8	19.1	21.2	19.2	22.6
2011 <sup>7</sup>	19.1	17.8	20.3	17.9	16.1	19.2	21.2	19.5	22.5
2012 <sup>7</sup>	19.3	17.9	20.4	18.0	16.1	19.4	21.0	19.5	22.1
2013 <sup>7</sup>	19.3	17.9	20.4	18.0	16.1	19.4	21.3	19.5	22.5
2014 <sup>7</sup>	19.3	18.0	20.5	18.1	16.3	19.5	21.5	19.7	22.8
2015 <sup>5,7</sup>	19.3	18.0	20.5	18.1	16.2	19.5	21.4	19.7	22.6
2016 <sup>5,7</sup>	19.4	18.0	20.5	18.1	16.2	19.5	21.5	19.8	22.7
2017 <sup>5,7</sup>	19.3	18.0	20.5	18.1	16.2	19.5	21.4	19.7	22.7

**Table 4. Life expectancy at birth, at age 65, and at age 75, by sex, race, and Hispanic origin: United States, selected years 1900–2017**

Excel version (with more data years and standard errors when available): [https://www.cdc.gov/nchs/hus/contents2018.htm#Table\\_004](https://www.cdc.gov/nchs/hus/contents2018.htm#Table_004).

[Data are based on death certificates]

Specified age and year	White, not Hispanic			Black, not Hispanic			Hispanic <sup>6</sup>		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
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	12.8	11.6	10.1	12.4	13.3	12.0	14.1
2010 <sup>7</sup>	12.0	11.0	12.8	11.6	10.1	12.5	13.7	12.2	14.7
2011 <sup>7</sup>	12.0	11.0	12.8	11.7	10.4	12.5	13.7	12.4	14.5
2012 <sup>7</sup>	12.1	11.1	12.9	11.7	10.4	12.6	13.5	12.3	14.2
2013 <sup>7</sup>	12.1	11.1	12.9	11.7	10.3	12.6	13.7	12.4	14.5
2014 <sup>7</sup>	12.2	11.2	13.0	11.8	10.5	12.7	13.9	12.6	14.8
2015 <sup>5,7</sup>	12.2	11.2	13.0	11.8	10.5	12.7	13.9	12.6	14.6
2016 <sup>5,7</sup>	12.2	11.3	13.0	11.9	10.6	12.7	13.9	12.7	14.6
2017 <sup>5,7</sup>	12.2	11.2	12.9	11.9	10.6	12.7	13.8	12.6	14.7

<sup>1</sup>Life expectancy estimates for 2016 and beyond are no longer available for white and black or African American race groups. Estimates for non-Hispanic white and non-Hispanic black groups are presented in this table.

<sup>2</sup>Data shown for 1900–1960 are for the nonwhite population. Data for 1970–2015 are for the black or African American population.

<sup>3</sup>The death registration area increased from 10 states and the District of Columbia (D.C.) in 1900 to the 48 states and D.C. in 1933. Alaska and Hawaii were included in 1959 and 1960, respectively. See Appendix II, Registration area.

<sup>4</sup>Includes deaths of persons who were not residents of the registration areas.

<sup>5</sup>Life expectancy estimates for 2015 and 2016 were revised using updated Medicare data; therefore, these values may differ from previous editions of *Health, United States*. Life expectancy estimates for 2017 are based on preliminary Medicare data.

<sup>6</sup>Hispanic origin was added to the U.S. standard death certificate in 1989 and was adopted by every state in 1997. Life expectancies for the Hispanic population are adjusted for underreporting of Hispanic ethnicity on the death certificate, but they are not adjusted to account for the potential effects of return migration. 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.

<sup>7</sup>Tables by Hispanic origin are adjusted for race and Hispanic-origin misclassification with classification ratios. Life expectancy estimates for 2010–2017 use the updated classification ratios. See NOTES section of this table.

NOTES: Populations for computing life expectancy for 1991–1999 are 1990-based postcensal estimates of the U.S. resident population. Starting with *Health, United States, 2012*, populations for computing life expectancy for 2001–2009 were based on revised intercensal population estimates of the U.S. resident population. Populations for computing life expectancy for 2010 were based on 2010 Census counts. Life expectancy for 2011 and beyond was computed using 2010-based postcensal estimates. 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. Available from: Anderson RN. Method for constructing complete annual U.S. life tables. National Center for Health Statistics. *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. Estimates for 2001 and onwards were revised based on the methodology used in the 2008 life table report. Life expectancy for 2001–2016, except as noted in footnote 5, was calculated using data from Medicare to supplement vital statistics and census data. Starting with *Health, United States, 2016*, life expectancy for 2010–2017 was revised to take into account updated race and Hispanic-origin classification ratios. See: Arias E, Heron M, Hakes JK. The validity of race and Hispanic-origin reporting on death certificates in the United States: An update. National Center for Health Statistics. *Vital Health Stat 2(172)*. 2016. Available from: [https://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_172.pdf](https://www.cdc.gov/nchs/data/series/sr_02/sr02_172.pdf). 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 the Excel spreadsheet on the *Health, United States* website at: <https://www.cdc.gov/nchs/hus.htm>. Some data were revised and differ from previous editions of *Health, United States*.

SOURCE: NCHS, National Vital Statistics System, public-use Mortality Files; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. 1968; Arias E. United States life tables by Hispanic origin. National Center for Health Statistics. *Vital Health Stat 2(152)*. 2010; United States life tables, 2001–2009 (using revised intercensal population estimates and a new methodology implemented with the final 2008 life tables), United States life tables, 2010–2015 (based on a new methodology implemented with the final 2008 life tables and updated race and Hispanic-origin classification ratios). Life table reports available from: [https://www.cdc.gov/nchs/products/life\\_tables.htm](https://www.cdc.gov/nchs/products/life_tables.htm); unpublished 2015 life expectancy estimates for white and black persons at birth, at age 65, and at age 75; Kochanek KD, Murphy SL, Xu JQ, Arias E. Deaths: Final data for 2017. National Vital Statistics Reports. Hyattsville, MD: National Center for Health Statistics. 2019. Available from: <https://www.cdc.gov/nchs/products/nvsr.htm>. See Appendix I, National Vital Statistics System (NVSS).