

Table 4. Life expectancy at birth, age 65, and age 75, by sex, race, and Hispanic origin: United States, selected years 1900–2018

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2019.htm#Table-004>

[Data are based on death certificates]

Specified age and year	All races			White ^{1,2}			Black or African American ¹⁻³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
At birth									
Life expectancy (years)									
1900 ^{4,5}	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5
1950 ^{4,5}	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1960 ⁴	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	76.3	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	78.7	76.3	81.1	78.9	76.6	81.3	75.5	72.2	78.5
2016	78.7	76.2	81.1	78.9	76.4	81.3	75.3	72.0	78.3
2017 ⁶	78.6	76.1	81.1	78.8	76.4	81.2	75.3	71.9	78.5
2018 ⁶	78.7	76.2	81.2	---	---	---	---	---	---
At 65 years									
1950 ^{4,5}	13.9	12.8	15.0	14.1	12.8	15.1	13.9	12.9	14.9
1960 ⁵	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	19.3	18.0	20.5	19.3	18.0	20.5	18.2	16.4	19.6
2016	19.4	18.1	20.6	19.4	18.1	20.6	18.2	16.4	19.7
2017 ⁶	19.4	18.0	20.6	19.4	18.1	20.6	18.2	16.4	19.7
2018 ⁶	19.5	18.1	20.7	---	---	---	---	---	---

See footnotes at end of table.

Table 4. Life expectancy at birth, age 65, and age 75, by sex, race, and Hispanic origin: United States, selected years 1900–2018—Con.

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2019.htm#Table-004>

[Data are based on death certificates]

Specified age and year	All races			White ^{1,2}			Black or African American ¹⁻³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
At 75 years									
Life expectancy (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	12.6
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.....	12.2	11.2	13.0	12.1	11.2	12.9	11.9	10.6	12.7
2016.....	12.3	11.3	13.1	12.3	11.3	13.1	11.9	10.6	12.8
2017 ⁶	12.3	11.3	13.0	12.2	11.2	13.0	11.9	10.7	12.8
2018 ⁶	12.3	11.3	13.1	---	---	---	---	---	---

Specified age and year	White, not Hispanic ²			Black, not Hispanic ²			Hispanic ^{2,7}		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
At birth									
Life expectancy (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 ⁸	78.8	76.4	81.1	74.7	71.5	77.7	81.7	78.8	84.3
2011 ⁸	78.7	76.4	81.1	75.0	71.8	77.8	81.8	79.2	84.2
2012 ⁸	78.9	76.5	81.2	75.1	71.9	78.1	81.9	79.3	84.3
2013 ⁸	78.8	76.5	81.2	75.1	71.9	78.1	81.9	79.2	84.2
2014 ⁸	78.8	76.5	81.2	75.3	72.2	78.2	82.1	79.4	84.5
2015 ⁸	78.7	76.3	81.0	75.1	71.9	78.1	81.9	79.3	84.3
2016 ⁸	78.6	76.2	81.0	74.9	71.6	78.0	81.8	79.1	84.3
2017 ^{6,8}	78.5	76.1	81.0	74.9	71.5	78.1	81.8	79.1	84.3
2018 ^{6,8}	78.7	76.2	81.1	74.9	71.5	78.1
2018 ^{6,8} (single race).....	78.6	76.2	81.1	74.7	71.3	78.0	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 ⁸	19.1	17.7	20.3	17.7	15.8	19.1	21.2	19.2	22.6
2011 ⁸	19.1	17.8	20.3	17.9	16.0	19.2	21.2	19.5	22.5
2012 ⁸	19.2	17.9	20.4	18.0	16.1	19.4	21.4	19.6	22.6
2013 ⁸	19.3	17.9	20.4	18.0	16.1	19.4	21.3	19.5	22.5
2014 ⁸	19.3	18.0	20.5	18.1	16.3	19.5	21.5	19.7	22.8
2015 ⁸	19.3	18.0	20.4	18.1	16.2	19.5	21.4	19.7	22.6
2016 ⁸	19.4	18.0	20.5	18.1	16.2	19.5	21.5	19.8	22.7
2017 ^{6,8}	19.3	18.0	20.5	18.1	16.2	19.5	21.4	19.7	22.7
2018 ^{6,8}	19.4	18.1	20.6	18.1	16.2	19.6
2018 ^{6,8} (single race).....	19.4	18.1	20.6	18.0	16.1	19.5	21.4	19.7	22.7

See footnotes at end of table.

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[Data are based on death certificates]

Specified age and year	White, not Hispanic ²			Black, not Hispanic ²			Hispanic ^{2,7}		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
At 75 years									
Life expectancy (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 ⁸	12.0	11.0	12.8	11.6	10.1	12.5	13.7	12.2	14.7
2011 ⁸	12.0	11.0	12.8	11.7	10.4	12.5	13.7	12.4	14.5
2012 ⁸	12.1	11.1	12.9	11.7	10.4	12.6	13.8	12.5	14.6
2013 ⁸	12.1	11.1	12.9	11.7	10.3	12.6	13.7	12.4	14.5
2014 ⁸	12.2	11.2	13.0	11.8	10.5	12.7	13.9	12.6	14.8
2015 ⁸	12.1	11.1	12.9	11.8	10.5	12.7	13.9	12.6	14.6
2016 ⁸	12.2	11.3	13.0	11.9	10.6	12.7	13.9	12.7	14.6
2017 ^{6,8}	12.2	11.2	12.9	11.9	10.6	12.7	13.8	12.6	14.7
2018 ^{6,8}	12.2	11.3	13.0	11.9	10.6	12.8
2018 ^{6,8} (single race).....	12.2	11.3	13.0	11.9	10.5	12.7	13.9	12.6	14.7

--- Data not available.

... Category not applicable.

¹Estimates for white and black or African American race groups are no longer available starting with 2018 data. Estimates for non-Hispanic white and non-Hispanic black groups are presented.

²The race groups white and black or African American include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Starting with 2018 data, race on death records is available based on the 1997 "Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity" and presented as single-race estimates (only one race was reported on the death certificate). Data for 2003–2017 were tabulated according to the 1977 standards, and race data were bridged to retain comparability across states as they transitioned from 1977 to 1997 standards. Single-race estimates for 2018 are not completely comparable with bridged-race estimates for earlier years, particularly for the smaller race categories. To look at longer-term trends, bridged-race estimates are also presented. See Appendix II, Hispanic origin; Race.

³Data shown for 1900–1960 are for the nonwhite population. Data for 1970 onward are for the black or African American population.

⁴The death registration area increased from 10 states and the District of Columbia (D.C.) in 1900 to all 48 states and D.C. in 1933. Alaska and Hawaii were included in 1959 and 1960, respectively. See Appendix II, Registration area.

⁵Includes deaths of persons who were not residents of the registration areas.

⁶Estimates for 2017 were revised using updated Medicare data; therefore, these values may differ from previous editions of *Health, United States*. Estimates for 2018 are based on final Medicare data.

⁷Hispanic origin was added to the U.S. standard death certificate in 1989 and 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 over age 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. For a discussion of sources of bias in death rates by race and Hispanic origin, see Appendix II, Race.

⁸Data by Hispanic origin are adjusted for race and Hispanic-origin misclassification with classification ratios. Life expectancy estimates for 2010–2018 use the updated classification ratios. See Notes section of this table.

NOTES: Populations for computing life expectancy for 1991–1999 were 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 is 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. See 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 age 85 years and over. In 2000, the life table methodology was revised, with the resulting methodology similar to that developed for the 1999–2001 decennial life tables. In 2008, the life table methodology was further refined: Estimates for 2001 onward were revised based on the methodology used in the 2008 life table report. Life expectancy for 2001–2018, except as noted in footnote 6, is calculated using data from Medicare to supplement vital statistics and census data. Starting with *Health, United States, 2016*, life expectancy for 2010–2018 is 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. See Appendix II, Life expectancy. Data for additional years are available in the Excel spreadsheet version of this table on the *Health, United States* website at: <https://www.cdc.gov/nchs/hus/index.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) and 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), available from: https://www.cdc.gov/nchs/products/life_tables.htm; and Murphy SL, Xu JQ, Kochanek KD, Arias E, Tejada-Vera B. Deaths: Final data for 2018. National Vital Statistics Reports; vol 69 no 13. Hyattsville, MD: National Center for Health Statistics. 2021. Available from: <https://www.cdc.gov/nchs/products/nvsr.htm>. See Appendix I, National Vital Statistics System (NVSS).