

# United States, Data Sources

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(For more details, please refer to [mortality.org/hmd/USA/InputDB/USArefer.pdf](http://mortality.org/hmd/USA/InputDB/USArefer.pdf))

## POPULATION ESTIMATES

2020 – 2021: U.S. Census Bureau, Population Estimates and Projection, National Population by Characteristics 2020-2021, Annual estimates of the resident population by single year of age and sex for the United States: April 1, 2020 to July 1, 2021 (NC-EST2021-AGESEX-RES) (<https://www2.census.gov/programs-surveys/popest/datasets/2020-2021/national/asrh/nc-est2021-agesex-res.csv>, retrieved 19-April-2022). *(refcode,305)*

2010 - 2019: U.S. Census Bureau, Population Estimates and Projection, Annual estimates of the resident population by single year of age and sex for the United States. *(refcode, 294 & 297)*

2010 - 2017: U.S. Census Bureau, Population Estimates and Projection, Annual estimates of the resident population by single year of age and sex for the United States: April 1, 2010 to July 1, 2017 (NC-EST2017-AGESEX-RES) (<https://www.census.gov/data/datasets/2017/demo/popest/nation-detail.html>, retrieved 1-May-2018) *(refcode, 290)*

2000 - 2009: U.S. Census Bureau, Population Estimates and Projection, Intercensal estimates of the resident population by single year of age, sex, race, and Hispanic origin for the United States: April 1, 2000 to July 1, 2010 (<https://www.census.gov/data/datasets/time-series/demo/popest/intercensal-2000-2010-national.html>, retrieved 1-May-2018) *(refcode, 289)*

1990 - 2000: U.S. Census Bureau, Population Estimates and Projection, Intercensal estimates of the United States resident population by age and sex, 1990-2000: Selected months (<https://www.census.gov/data/datasets/time-series/demo/popest/intercensal-1990-2000-national.html>, retrieved 1-May-2018) *(refcode, 288)*

1980 - 1990: U.S. Census Bureau, Population Estimates and Projection, Quarterly Intercensal Resident Population; Annual Estimates of the Resident Population by Single Year of Age and Sex for the United States *(refcode, 287)*

U.S. Census Bureau, United States Department of Commerce. U.S. Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1999. Retrieved February 2002 (<http://www.census.gov>). *(refcode 231)*

1970-1979: U.S. Department of Commerce. Bureau of the Census. (1982). Population Estimates and Projections Series P-25, No.917. Preliminary Estimates of the population of the US, by Age, Sex, and Race: 1970 to 1981, Table 2. *(refcode 171)*

1960-1969: Population estimates have been computed by Kirill Andreev. Population published in [1] has been adjusted by excluding Armed Forces Overseas based on data published in [2].

1. U.S. Department of Commerce. Bureau of Census. POPULATION - U. S. POPULATION ESTIMATES BY AGE, SEX, AND RACE: 1900-1979 (PE-11). DSK.POP00/79-PE11.

2. Department of Commerce, Bureau of the Census. Current Population Reports. Population Estimates. Series P-25, No. 519. Estimates of the population of the United States, by Age, Sex, and Race: April 1, 1960 to July 1, 1973. 1974 Apr. *(refcode 125)*

1959: Population estimates have been computed by Kirill Andreev. Population published in [1] has been adjusted by excluding Armed Forces Overseas based on data published in [2].

1. U.S. Department of Commerce. Bureau of Census. POPULATION - U. S. POPULATION ESTIMATES BY AGE, SEX, AND RACE: 1900-1979 (PE-11). DSK.POP00/79-PE11.

2. U.S. Department of Commerce, Bureau of the Census. Current Population Reports. Population Estimates. Series P-25, No. 310. Estimates of the population of the United States, by Age, Sex, and Race: 1950 to 1960. 1965 Jun 30. *(refcode 85)*

1950-1958: Population estimates have been computed by Kirill Andreev. Population published in [1] has been adjusted by excluding Armed Forces Overseas and population of Alaska and Hawaii based on data published in [2].

1. U.S. Department of Commerce. Bureau of Census. POPULATION - U. S. POPULATION ESTIMATES BY AGE, SEX, AND RACE: 1900-1979 (PE-11). DSK.POP00/79-PE11

2. U.S. Department of Commerce, Bureau of the Census. Current Population Reports. Population Estimates. Series P-25, No. 310. Estimates of the population of the United States, by Age, Sex, and Race: 1950 to 1960. 1965 Jun 30. *(refcode 71)*

1940-1949: Population estimates have been computed by Kirill Andreev. Population published in [1] has been adjusted by excluding Armed Forces Overseas based on data published in [2].

1. U.S. Department of Commerce. Bureau of Census. POPULATION - U. S. POPULATION ESTIMATES BY AGE, SEX, AND RACE: 1900-1979 (PE-11). DSK.POP00/79-PE11

2. U.S. Department of Commerce, Bureau of the Census. Current Population Reports. Population Estimates. Series P-25, No. 98. Estimates of the Population of the United States and of the Components of change by Age, Color and Sex: 1940 to 1950. 1954 Aug 13." *(refcode 45)*

1933-1939: U.S. Department of Commerce. Bureau of Census. POPULATION - U. S. POPULATION ESTIMATES BY AGE, SEX, AND RACE: 1900-1979 (PE-11). DSK.POP00/79-PE11 *(refcode 19)*

## **BIRTHS**

2020: National Center for Health Statistics, United States. Birth Data Public Use File, 2018 (retrieved from

[https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Datasets/DVS/natality/Nat2020us.zip](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/DVS/natality/Nat2020us.zip) on 19-Apr-2022). *(refcode 304)*

2010 - 2019: National Center for Health Statistics, United States. Birth Data Public Use File, 2014 (retrieved from

[ftp://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Dataset\\_Documentation/DVS/natality/](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/DVS/natality/)). *(refcode 259, 263, 265, 269, 275, 282 & 284, 291, 295 & 300)*

2007 - 2009: Martin, Joyce A.; Hamilton, Brady E.; Sutton, Paul D.; Ventura, Stephanie J.; Mathews, T.J.; Kirmeyer, Sharon; Osterman, Michelle J.K. Births: Final data for 2007. National Vital Statistics Reports. National Center for Health Statistics. *(refcode 249, 251 & 255)*

2006: Martin, Joyce A.; Hamilton, Brady E.; Sutton, Paul D.; Ventura, Stephanie J.; Menacker, Fay; Kirmeyer, Sharon; Munson, Martha L. Births: Final data for 2006. National Vital Statistics Reports. National Center for Health Statistics. 2009 *(refcode 2007)*

2000-2005: Martin, Joyce A.; Hamilton, Brady E.; Sutton, Paul D.; Ventura, Stephanie J.;

Menacker, Fay; Kirmeyer, Sharon; Munson, Martha L. Births: Final data for 2000-2005. National Vital Statistics Reports. National Center for Health Statistics. 2002-2007 (refcode: 235, 237, 239, 243, & 245)

1995-1999: Ventura, Stephanie J., Martin, Joyce A., Curtin, Sally C., and Mathews, T.J. (1997-2001). Report of Final Natality Statistics, 1995-1999. Monthly Vital Statistics Report, Supplement. Volume 45, Number 11. Hyattsville, Maryland: National Center for Health Statistics. (refcode: 221, 223, 225, 227, & 229)

1994: Ventura, Stephanie J., Martin, Joyce A., Mathews, T.J., and Clarke, Sally C. (1996). Advance Report of Final Natality Statistics, 1994. Monthly Vital Statistics Report, Supplement. Volume 44, Number 11. Hyattsville, Maryland: National Center for Health Statistics. (refcode: 219)

1933-1993: National Center for Health Statistics, U.S. Department of Health and Human Services. (1909-1999). In: Vital Statistics of the United States. Natality. (refcode: 17, 23, 75, 87, 91, 95, 99, 103, 107, 111, 115, 121, 127, 131, 135, 139, 143, 147, 151, 155, 159, 163, 167, 171, 173, 181, 185, 189, 193, 197, 201, 205, 209, 211, 213, 215, 217)

## **DEATHS**

2000 - 2020: National Center for Health Statistics, United States. Mortality Multiple Cause of Death. (refcode: 236, 238, 240, 242, 244, 246, 248, 250, 260, 263, 264, 266, 270, 277, 278, 280, 281, 286 & 292, 293, 298, 299, 301 & 303)

1999: National Center for Health Statistics, USA. Underlying and Multiple Cause of Death Data File, 1999 (ICD-10). (refcode: 230)

1989-1998: National Center for Health Statistics, USA. Multiple Cause of Death for ICD-9 1989 Data. (refcode: 212, 214, 216, 218, 220, 222, 224, 226, 228)

1988: National Center for Health Statistics, USA. Mortality Detail Files, Volume VII, 1988. Inter-University Consortium For Political And Social Research (ICPSR Study 7632). Retrieved September 2001 (<http://www.icpsr.umich.edu>). (refcode: 207)

1976-1987: National Center for Health Statistics, USA. Mortality Detail FilesI, 1976-1987. Inter-University Consortium For Political And Social Research (ICPSR Study 7632). Retrieved September 2001 (<http://www.icpsr.umich.edu>). (refcode: 157, 161, 165, 169, 175, 179, 183, 187, 191, 195, 199, & 203)

1968-1975: National Center for Health Statistics, USA. (1985). Mortality Detail Files, 1968-1978. Inter-University Consortium For Political And Social Research (ICPSR Study 7632). Retrieved September 2001 (<http://www.icpsr.umich.edu>). (refcode: 123, 129, 133, 137, 141, 145, 149, & 153)

1959-1967: National Center for Health Statistics, USA. Mortality Detail File, 1959-1967. (refcode: 79, 89, 91, 93, 95, 97, 101, 105, 109, 113 & 117)

1953-1958: U.S. Department of Health, Education, and Welfare. Public Health Service. (1955). Volume II, Table 51 (Ages 0-85) and Volume I, Table B (Ages 85 and above) In: Vital Statistics of the United States, 1953. Volume I. (refcode: 57, 59, 63, 65, 67 & 69)

1951-1952: U.S. Department of Health, Education, and Welfare. Public Health Service. (1955). Volume II, Table 50 (Ages 0-85) and Volume I, Table B (Ages 85 and above) In: Vital Statistics of the United States, 1952. Volume I. (refcode: 53 & 55)

1950: U.S. Department of Health, Education, and Welfare. Public Health Service. (1954). Volume III, Table 52. In: Vital Statistics of the United States, 1950. Volume III. *(refcode: 49)*

1945-1949: U.S. Federal Security Agency. Public Health Service. (1947). Part I, In: Vital Statistics of the United States, 1945. Part I. *(refcode: 35, 37, 39, 41, & 46)*

1937-1944: U.S. Department of Commerce. Bureau of the Census. (1946). Part I. In: Vital Statistics of the United States, 1944. Part I. *(refcode: 11, 13, 15, 25, 27, 29, 31, & 33)*

1933-1936: U.S. Department of Commerce. Bureau of the Census. (1936-1938). Annual report, In: Mortality Statistics, 1933-1936. *(refcode: 1, 5, 7, & 9)*

## **TERRITORIAL ADJUSTMENT FACTORS**

For 1959 Vx factors have been computed on basis of census 1960 data. *(refcode: 81)*

Rb factors were computed directly from series of births for United States (50 states + D.C.), Alaska and Hawaii. *(refcode: 83)*