IPUMS NHGIS
Dataset 1970_2007_cVS
1970-2007 Vital Statistics: Natality & Mortality Data [US, States & Counties]
Explanations of Notes

OVERVIEW
NHGIS derived this dataset from the U.S. Census Bureau USA Counties database, which supplies a distinct flag and note for each individual data value. NHGIS has collapsed the source flags and notes into a single flag and note covering all data for a given geographic unit in a given year. Where original flags and/or notes were not consistent across variables, NHGIS supplies a revised flag and note, describing the source inconsistency. NHGIS has also added some new notes and flags to describe issues not addressed in the source.

A significant complicating factor is that the USA Counties vital statistics data is based on two sources of data—births and deaths data from the National Center for Health Statistics (NCHS) and population estimates from the U.S. Census Bureau's Population Estimates program—and the county-level data from these sources are, for some years and counties, based on *different* county boundary definitions. In some cases, as described in these notes, NHGIS has attempted to standardize the counts and rates to describe consistent county definitions. Elsewhere, NHGIS supplies a note to indicate where inconsistencies may occur.

Records for non-existent counties
Records for the following counties have been dropped from the following years because the counties did not exist during those years:

Broomfield, CO: 1970, 1975, 1980, 1985, 1990 - 2001
South Boston, VA: 1996 - 2007
Clifton Forge, VA: 2002 - 2007
Yellowstone NP, MT: 1998 - 2007

NOTES
5025 - Virginia (1970, 1975, 1980)
Independent cities of Manassas and Manassas Park included with Prince William County; data not available separately. **51683 and 51685 incl. with 51153.

5031 – Virginia (1970, 1975, 1980)
Independent city of Poquoson included with York County; data not available separately. **51735 incl. with 51199.

5047 – Alaska (1998-2006)
Skagway Municipality included with Hoonah-Angoon Census Area; data not available separately. **02230 incl. with 02105.

5070 – New Mexico (1970, 1975, 1980)
Cibola County included with Valencia County; data not available separately. **35006 incl. with 35061.

5071 – Arizona (1970, 1975, 1980, 1985)

La Paz County included with Yuma County; data not available separately. **04012 incl. with 04027.

(The original USA Counties data did not include this note code for 1980 *Births per 1,000 population* or for any variables in 1985. These omissions appear to have been in error.)

5080 – Alaska (1970, 1975, 1980, 1985)

Aleutians East Borough included with Aleutians West Census Area; data not available separately. **02013 incl. with 02016.

5081 – Alaska (1985)

Lake and Peninsula Borough included with Dillingham Census Area; data not available separately. **02164 incl. with 02070.

5082 - Alaska (1985, 1990)

Denali Borough included with Yukon-Koyukuk Census Area; data not available separately. **02068 incl. with 02290.

5084 - Alaska (1985, 1990-1992)

Skagway Municipality and Yakutat City and Borough included with Hoonah-Angoon Census Area; not available separately. **02230 and 02282 incl. with 02105.

5090 – Alaska (1985, 1990-2006)

Wrangell City and Borough included with Petersburg Census Area; data not available separately. **02275 incl. with 02195.

6047 – Alaska (2007)

Except for *Population used to calculate birth and death rates*, Skagway Municipality included with Hoonah-Angoon Census Area; data not available separately. **02230 incl. with 02105.

Birth and death rates recalculated by NHGIS to account for combined population in denominator.

6071 – Arizona (1990-1993)

Except for *Population used to calculate birth and death rates*, La Paz County included with Yuma County; data not available separately. **04012 incl. with 04027.

Birth and death rates recalculated by NHGIS to account for combined population in denominator.

6080 – Alaska (1990-1993)

Except for *Population used to calculate birth and death rates*, Aleutians East Borough included with Aleutians West Census Area; data not available separately. **02013 incl. with 02016.

Birth and death rates recalculated by NHGIS to account for combined population in denominator.

(Original data did not include *Infant deaths under one year per 1,000 live births* for 1992. This rate has been calculated by NHGIS.)

6081 - Alaska (1990-1993)
Except for *Population used to calculate birth and death rates*, Lake and Peninsula Borough included with Dillingham Census Area; data not available separately. **02164 incl. with 02070.

Birth and death rates recalculated by NHGIS to account for combined population in denominator.

6082 - Alaska (1991-2002)
Except for *Population used to calculate birth and death rates*, Denali Borough included with Yukon-Koyukuk Census Area; data not available separately. **02068 incl. with 02290.

Birth and death rates recalculated by NHGIS to account for combined population in denominator.

(Original data did not include *Infant deaths under one year per 1,000 live births* for 1994. This rate has been calculated by NHGIS.)

6084 – Alaska (1993-1997)
Skagway Municipality included with Hoonah-Angoon Census Area; data not available separately. **02230 incl. with 02105.

Except for *Population used to calculate birth and death rates*, Yakutat City and Borough also included with Hoonah-Angoon Census Area; not available separately. **02282 incl. with 02105.

Birth and death rates recalculated by NHGIS to account for combined population in denominator.

6090 – Alaska (2007)
Except for *Population used to calculate birth and death rates*, Wrangell City and Borough included with Petersburg Census Area; data not available separately. **02275 incl. with 02195.

Birth and death rates recalculated by NHGIS to account for combined population in denominator.

7022 - Wyoming (2006)
Includes data not distributed by county.

8001 – Alaska (1970, 1975, 1980)

Original USA Counties data for the units listed below included flag 1 or 2, indicating that data for this unit were combined with another unit. However, data for both units in each pair are all zeros. The flags have been changed to 3, indicating that data are not available separately.

Denali Borough (02068)
Dillingham Census Area (02070)
Hoonah-Angoon Census Area (02105)
Lake and Peninsula Borough (02164)
Petersburg Census Area (02195)
Skagway Municipality (02230)
Wrangell City and Borough (02275)
Yakutat City and Borough (02282)
Yukon-Koyukuk Census Area (02290)

8002 - New York (1992)

Original USA Counties data did not include *Population used to calculate birth and death rates* for Bronx (36005), New York (36061), Queens (36081), or Richmond (36085), and the *Population* for Kings (36047) covered all five counties.

Population estimates for the five individual counties were located in the "Time Series of New York Intercensal Population Estimates by County, April 1, 1990, to April 1, 2000."

Birth and death rates recalculated by NHGIS using individual county population estimates.

8003 – Virginia (1990-1995)

For *Population used to calculate birth and death rates*, Independent City of South Boston included with Halifax County; not available separately. **51780 incl. with 51083.

Birth and death rates recalculated by NHGIS to account for combined counts in numerator.

8004 - Colorado (2000-2001)

Broomfield County was formed in November 2001 from portions of Adams (08001), Boulder (08013), Jefferson (08059), and Weld (08123) counties. In the original USA Counties data, the 2000 and 2001 population estimates for these four counties reflect the 2002 and later boundaries of the counties (excluding the portions that became Broomfield).

NHGIS has revised the 2000 and 2001 population estimates for these four counties by allocating the 2000 and 2001 Broomfield County population estimate (the difference between the state total population and the sum of all other county populations) among the four counties in proportion to the estimated detached populations given in the Census Bureau's listing of "Substantial Changes to Counties and County Equivalent Entities: 1970-Present."

Birth and death rates have been recalculated by NHGIS using these revised population estimates.

8005 – Colorado (2002)

Except for *Population used to calculate birth and death rates*, Broomfield County included with Adams, Boulder, Jefferson, and Weld counties; data not available separately. **08014 incl. with 08001, 08013, 08059, and 08123.

Birth and death rates removed by NHGIS due to inability to account for correct counts in the numerators.

8006 – Virginia (2000-2001)

For *Population used to calculate birth and death rates*, Independent City of Clifton Forge included with Alleghany County; not available separately. **51560 incl. with 51005.

Birth and death rates recalculated by NHGIS to account for combined counts in numerator.

9001 – Virginia (1970, 1975)

Parts of Bedford County (51019) and Campbell County (51031) annexed to Independent City of Lynchburg (51680), December 31, 1975. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9002 – Virginia (1970)

Parts of Dinwiddie County (51053) and Prince George County (51149) annexed to Independent City of Petersburg (51730), December 31, 1971. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9003 – Virginia (1970)

Part of Frederick County (51069) annexed to Independent City of Winchester (51840), December 31, 1970. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9004 – Virginia (1970, 1975)

Part of Montgomery County (51121) annexed to Independent City of Radford (51750), December 31, 1976. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9005 – Virginia (1970, 1975)

Part of Roanoke County (51161) annexed to Independent City of Roanoke (51770), December, 31, 1975. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9006 – Virginia (1970, 1975)

Part of Washington County (51191) annexed to Independent City of Bristol (51520), date uncertain, sometime between 1970 and 1979. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9007 – Colorado (1980)
Adams county (08001) annexed part of Denver County (08031), October 18, 1980. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9008 – Virginia (1980, 1985)
Part of Albemarle County (51003) annexed to Independent City of Charlottesville (51540), February 9, 1988. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9009 – Virginia (1980, 1985)
Parts of Augusta County (51015) annexed to Independent City of Staunton (51790), December 31, 1986, and to Independent City of Waynesboro (51820), December 31, 1985. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9010 – Virginia (1980)
Part of Fairfax County (51059) annexed to Independent City of Fairfax (51600), December 31, 1980. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9011 – Virginia (1980, 1985)
Part of Greensville County (51081) annexed to Independent City of Emporia (51595), January 1, 1988. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9012 – Virginia (1980)
Part of James City County (51095) annexed to Independent City of Williamsburg (51830), January 1, 1983. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9013 – Virginia (1980, 1985)
Parts of Pittsylvania County (51143) annexed to Independent City of Danville (51590), December 31, 1987 and December 31, 1988. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9014 – Virginia (1980)
Part of Rockbridge County (51163) annexed to Independent City of Buena Vista (51530), December 31, 1983. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9015 – Virginia (1980)
Part of Rockingham County (51165) annexed to Independent City of Harrisonburg (51660), December 31, 1982. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9016 – Virginia (1980, 1985)
Part of Southampton County (51175) annexed to Independent City of Franklin (51620), December 31, 1985. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9017 – Virginia (1980)
Part of Spotsylvania County (51177) annexed to Independent City of Fredericksburg (51630), December 31, 1983. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9018 – Maryland (1990-1997)
Montgomery County (24031) added the territory of Takoma Park city from Prince Georges County (24033), July 1, 1997. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9019 – Virginia (1990-1994)
Part of Augusta County (51015) annexed to Independent City of Waynesboro (51820), July 1, 1994. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9020 – Virginia (1990-1993)
Part of Bedford County (51019) annexed to Independent City of Bedford (51515), July 1, 1993. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9021 – Virginia (1990-1994)
Parts of Fairfax County (51059) annexed to Independent City of Fairfax (51600) December 31, 1991 and January 1, 1994. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9022 – Virginia (1990)
Part of Prince William County (51153) annexed to Independent City of Manassas Park (51685), December 31, 1990. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9023 – Virginia (1990-1995)
Part of Southampton County (51175) annexed to Independent City of Franklin (51620), December 31, 1995. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9024 – Alaska (2000-2007)
Ketchikan Gateway Borough (02130) annexed part of Prince of Wales-Hyder Census Area (02198), May 19, 2008. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.

9025 – Virginia (2000-2007)
York County (51199) and Independent City of Newport News (51700) exchanged territory, July 1, 2007. *Population used to calculate birth and death rates* may be based on different boundaries than *Births* and *Deaths*. Use birth and death rates with caution.