Maternal Health and the Baby Boom

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Boston University, NBER

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Supplementary Data Appendix

This extended appendix contains information on variable definitions, detailed data sources and data issues for each set of variables used in the empirical analysis. In addition, each section describes the corresponding data files, which are made available in Stata (.dta) format.

Index
Section 1: State Data, 1940-1960
Section 2: State Mortality by Cause Data, 1900 – 1960

1. State Data, 1940 – 2000: Variable definitions and data sources

The files albanesiolivetti_fertilitydata.dta and albanesiolivetti_educationdata.dta contain the panels of annual state-level data on fertility and education variables for whites by states for the years 1940 – 2000. The file albanesiolivetti_controls.dta contains the control economic and demographic variables, and the file albanesiolivetti_invariant.dta contains the invariant characteristics relative to political and cultural aspects, by state.

Variables

Demographic variables

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>STATEFIP</td>
<td>State (FIPS code)</td>
<td>CODE</td>
<td>1850 – 2000</td>
</tr>
<tr>
<td>PERWT</td>
<td>Person weight</td>
<td>NUMBER</td>
<td>1850 – 2000</td>
</tr>
<tr>
<td>AGE</td>
<td>Age</td>
<td>NUMBER</td>
<td>1850 – 2000</td>
</tr>
<tr>
<td>SEX</td>
<td>Sex</td>
<td>BINARY</td>
<td>1850 – 2000</td>
</tr>
<tr>
<td>MARST</td>
<td>Marital status</td>
<td>CODE</td>
<td>1880 – 2000</td>
</tr>
<tr>
<td>RACED</td>
<td>Race [detailed version]</td>
<td>CODE</td>
<td>1850 – 2000</td>
</tr>
<tr>
<td>EDUCREC</td>
<td>Educational attainment recode</td>
<td>CODE</td>
<td>1940 – 2000</td>
</tr>
<tr>
<td>HIGRADED</td>
<td>Highest grade of schooling [detailed version]</td>
<td>NUMBER</td>
<td>1940 – 1980</td>
</tr>
<tr>
<td>ELDCH</td>
<td>Age of eldest own child in household</td>
<td>NUMBER</td>
<td>1850 – 2000</td>
</tr>
<tr>
<td>YNGCH</td>
<td>Age of youngest own child in household</td>
<td>NUMBER</td>
<td>1850 – 2000</td>
</tr>
</tbody>
</table>

Fertility variables

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHBORN</td>
<td>Children ever born</td>
<td>NUMBER</td>
<td>1900 – 1910, 1940 – 1990</td>
</tr>
<tr>
<td>NCHILD</td>
<td>Number of own children in the household</td>
<td>NUMBER</td>
<td>1850 – 2000</td>
</tr>
<tr>
<td>NCHLT5</td>
<td>Number of own children under age 5 in household</td>
<td>NUMBER</td>
<td>1850 – 2000</td>
</tr>
</tbody>
</table>

Indicator variables
<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>edu_higr13</td>
<td>Equals 1 if educational attainment is at least 1st year of college (if IPUMS variable 'higraded' &gt;= 160). Equals 0 if not, and is set to &quot; &quot; if missing.</td>
<td>BINARY</td>
<td>1940 – 1980</td>
</tr>
<tr>
<td>edu_higr16</td>
<td>equals 1 if educational attainment is at least 4th year of college (if IPUMS variable 'higraded' &gt;= 190). Equals 0 if not, and is set to &quot; &quot; if missing.</td>
<td>BINARY</td>
<td>1940 – 1980</td>
</tr>
<tr>
<td>highschool</td>
<td>Equals 1 if high school degree (if IPUMS variable educrec=7, which corresponds to grade 12 being the highest grade attained)</td>
<td>BINARY</td>
<td>1940 – 2000</td>
</tr>
<tr>
<td>college</td>
<td>Equals 1 if college (if IPUMS variable educrec=9, which corresponds to 4+ years of college)</td>
<td>BINARY</td>
<td>1940 – 2000</td>
</tr>
<tr>
<td>married</td>
<td>Equals 1 if married, with spouse present or absent (if IPUMS variable marst is either 1 or 2)</td>
<td>BINARY</td>
<td>1880 – 2000</td>
</tr>
<tr>
<td>child_m</td>
<td>Equals 1 if married with children (if IPUMS variable marst=1, and IPUMS variable nchild&gt;=1)</td>
<td>BINARY</td>
<td>1880 – 2000</td>
</tr>
<tr>
<td>chborn0</td>
<td>Equals 1 if chborn=0</td>
<td>BINARY</td>
<td>1940-2000</td>
</tr>
<tr>
<td>nchild0</td>
<td>Equals 1 if nchild=0</td>
<td>BINARY</td>
<td>1940-2000</td>
</tr>
</tbody>
</table>

**Note:**
The suffixes “_35-44” and “_23-32” indicate that the statistic is computed over the 35-44 and 23-32 age groups respectively.

**Controls: Variable Definitions**

**Economic and Demographic Controls**

The variable included in the regression is the average value of the control at age 15-20 for each cohort.

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>real_incwage</td>
<td>state level personal per capita disposable income</td>
<td>NUMBER</td>
<td>1940 – 1970</td>
</tr>
<tr>
<td>real_w_wage_ft</td>
<td>female full-time real wage</td>
<td>NUMBER</td>
<td>1940 – 1970</td>
</tr>
<tr>
<td>real_m_wage_ft</td>
<td>female full-time real wage</td>
<td>NUMBER</td>
<td>1940 – 1970</td>
</tr>
<tr>
<td>unemp</td>
<td>unemployment</td>
<td>RATE</td>
<td>1930 – 1970</td>
</tr>
<tr>
<td>white</td>
<td>share of white population</td>
<td>RATE</td>
<td>1930 – 1970</td>
</tr>
<tr>
<td>foreign</td>
<td>share of foreign born</td>
<td>RATE</td>
<td>1940 – 1970</td>
</tr>
<tr>
<td>hs</td>
<td>share of population with high school education</td>
<td>RATE</td>
<td>1940 – 1970</td>
</tr>
<tr>
<td>farmp</td>
<td>share of population living on a farm</td>
<td>RATE</td>
<td>1930 – 1970</td>
</tr>
<tr>
<td>public</td>
<td>share of employment in the public sector</td>
<td>RATE</td>
<td>1930 – 1970</td>
</tr>
<tr>
<td>health</td>
<td>share of employment in the health sector</td>
<td>RATE</td>
<td>1930 – 1970</td>
</tr>
<tr>
<td>agr</td>
<td>RATE</td>
<td>1940 – 1970</td>
<td></td>
</tr>
<tr>
<td>textile</td>
<td>RATE</td>
<td>1940 – 1970</td>
<td></td>
</tr>
<tr>
<td>south</td>
<td>this variable comes from the corresponding census region</td>
<td>BINARY</td>
<td></td>
</tr>
</tbody>
</table>

**Political and Cultural Controls**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>literacy</td>
<td>Literacy rate in 1930</td>
<td>RATE</td>
<td></td>
</tr>
<tr>
<td>year_state</td>
<td>Year admitted as state</td>
<td>YEAR</td>
<td></td>
</tr>
<tr>
<td>womens_suffrage_year</td>
<td>Start of women's suffrage</td>
<td>YEAR</td>
<td></td>
</tr>
<tr>
<td>legislature</td>
<td>Legislature contrary to women's suffrage in 1920</td>
<td>BINARY</td>
<td></td>
</tr>
<tr>
<td>ratification_xix</td>
<td>Date XIX Am. ratified</td>
<td>YEAR</td>
<td></td>
</tr>
<tr>
<td>acceptance_xix</td>
<td>Date XIX Am. accepted</td>
<td>YEAR</td>
<td></td>
</tr>
<tr>
<td>pill</td>
<td>Acces to pill (Bailey)</td>
<td>YEAR</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>abortion_1970</td>
<td>Easy access to legal abortion in 1970 (Angrist &amp; Evans)</td>
<td>YEAR</td>
<td></td>
</tr>
<tr>
<td>early abortion</td>
<td>Early access to abortion (Bailey)</td>
<td>YEAR</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SSA_payments</th>
<th>Federal payments to States for maternal and child-health services under the Social Security Act, title V, part 1</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSA_grants_A</td>
<td>Fund A- $20,000 to each State and apportionment of $2,800,000 on basis of live births</td>
<td>NUMBER</td>
</tr>
<tr>
<td>SSA_grants_B</td>
<td>Fund B- Conditional apportionment on the basis of need</td>
<td>NUMBER</td>
</tr>
<tr>
<td>SSA_maternity_units</td>
<td>Maternity centers (prenatal and post-partum) supervised by State health agencies, by States</td>
<td>NUMBER</td>
</tr>
<tr>
<td>SSA_child_units</td>
<td>Child-health-conference centers (infant and preschool) supervised by State health agencies, by States</td>
<td>NUMBER</td>
</tr>
<tr>
<td>ST_granted_outright</td>
<td>Maximum annual amounts available to the states. Granted outright</td>
<td>NUMBER, $THOUSANDS</td>
</tr>
<tr>
<td>ST_granted_5000</td>
<td>Maximum annual amounts available to the states. $5,000 to each if matched</td>
<td>NUMBER, $THOUSANDS</td>
</tr>
<tr>
<td>ST_granted_apportioned</td>
<td>Maximum annual amounts available to the states. Apportioned on basis of pop if matched</td>
<td>NUMBER, $THOUSANDS</td>
</tr>
<tr>
<td>ST_granted_totalmatched</td>
<td>Maximum annual amounts available to the states. Total (if matched)</td>
<td>NUMBER, $THOUSANDS</td>
</tr>
<tr>
<td>ST_granted_total</td>
<td>Maximum annual amounts available to the states. Total</td>
<td>NUMBER, $THOUSANDS</td>
</tr>
<tr>
<td>ST_percent</td>
<td>Maximum annual amounts available to the states. % Total</td>
<td>RATE</td>
</tr>
<tr>
<td>ST_accepted</td>
<td>Amounts accepted by states for each year of appropriation</td>
<td>NUMBER</td>
</tr>
<tr>
<td>mob_rate</td>
<td>WWII mobilization rates</td>
<td>RATE</td>
</tr>
<tr>
<td>home_appl</td>
<td>Home appliances</td>
<td>1790 – 2002</td>
</tr>
</tbody>
</table>

Data Sources

Demographic and fertility variables

Economic and demographic controls
The variable south comes from the corresponding census region:

Acceptance of women’s suffrage


Access to the “pill” and abortion

Federal Programs for the Promotion of Maternal and Infant Health
- Maternity and Infancy Care (Sheppard-Towner) Act: Appropriations, Payments to the States, Activities carried out under the Act by the States, fiscal years 1921-1929: Children’s Bureau Publication N. 203 (1931).
- 1935 Social Security Act, Title V, Part 1 Appropriations, Payments to the States, Activities carried out under the Act by the States fiscal years 1936-1939: Children’s Bureau Publication N. 259 (1941).
- Maternal and Child-Health Services Under the Social Security Act, Title V, Part 1 - Development of Program, 1936-39. Table 1. - Federal payments to States for maternal and child-health services under the Social Security Act, title V, part 1, for the fiscal years ended June 30, 1936, 1937, 1938, and 1939

State level mobilization rate

Home Appliances

Data Issues:

- Notes
(1) About CHBORN. Universe:
  1910 Puerto Rico: Females, age 14+, regardless of marital status.
  1980: Females, age 15+.
  1990: Females, age 15+; not available for Puerto Rico.
(2) About RACE and RACED. Universe
   1850-1960: All persons.
   1970-1990: All persons; not available for Puerto Rico.
   2000: All persons.

(3) ELDCH. Universe
   1850-1930: All persons.
   1940-1960: Not persons in group quarters.
   2000: Not persons in group quarters.

2. State Mortality by Cause Data, 1900 – 1960

The file albanesiolivetti_mortality_by_cause_all_data.dta contains the unbalanced panel of annual state-level data on mortality for selected causes, and aggregate mortality rates by gender, in registration states for the years 1900 – 1960.

Causes of death: malaria, tuberculosis, scarlet fever, influenza, pneumonia, all males, all females, all.

Variables Definitions

Each state by year observation contains the following variables for the following years:

Deaths by Cause Variables

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Data Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>scarlet_fever</td>
<td>Aggregate Number of Deaths due to scarlet fever</td>
<td>NUMBER</td>
<td>1900-1935</td>
</tr>
<tr>
<td>influenza</td>
<td>Aggregate Number of Deaths from Influenza</td>
<td>NUMBER</td>
<td>1900-1935</td>
</tr>
<tr>
<td>pneumonia</td>
<td>Aggregate Number of Deaths from Pneumonia</td>
<td>NUMBER</td>
<td>1900-1935</td>
</tr>
<tr>
<td>all_tb</td>
<td>Aggregate Number of Deaths from Tuberculosis</td>
<td>NUMBER</td>
<td>1900-1935</td>
</tr>
<tr>
<td>malaria</td>
<td>Aggregate Number of Deaths due to malaria</td>
<td>NUMBER</td>
<td>1900-1935</td>
</tr>
<tr>
<td>childbirth_puerperal</td>
<td>Aggregate Number of Puerperal Deaths</td>
<td>NUMBER</td>
<td>1900-1935</td>
</tr>
<tr>
<td>mort_male_all</td>
<td>Aggregate Number of Male Deaths</td>
<td>NUMBER</td>
<td>1900-1912; 1914-1936; 1938-1959</td>
</tr>
<tr>
<td>mort_female_all</td>
<td>Aggregate Number of Female Deaths</td>
<td>NUMBER</td>
<td>1900-1912; 1914-1936; 1938-1959</td>
</tr>
<tr>
<td>mort_total</td>
<td>Aggregate number of deaths</td>
<td>NUMBER</td>
<td>1900-1936; 1938-1959</td>
</tr>
</tbody>
</table>

Data Sources

All of the cited documents and tables are located at the following URL:
http://www.cdc.gov/nchs/products/vsus.htm#historical

1937: Vital Statistics in the United States, 1937, Part II, Table 19
1938: Vital Statistics in the United States 1938, Part II, Table 10
1939: Vital Statistics in the United States 1939, Part II, Table 10
1940: Vital Statistics in the United States 1940, Part II, Table 10
1941: Vital Statistics in the United States 1944, Part II, Tables 13, 11
1942: Vital Statistics in the United States 1942, Part II, Table 22
1943: Vital Statistics in the United States 1943, Part II, Tables 21, 22
1944: Vital Statistics in the United States 1944, Part II, Tables 19, 20, 21
1945: Vital Statistics in the United States 1945, Part II, Tables 17, 19
1947: Vital Statistics in the United States 1947, Part II, Tables 17, 21
1948: Vital Statistics in the United States 1948, Part II, Tables 17, 21
1949: Vital Statistics in the United States 1949, Part II, Tables 17, 21
1956: Vital Statistics in the United States 1956, Part II, Tables 56, 63, 64
1958: Vital Statistics in the United States 1958, Part II, Tables 65, 72, 81

Data Issues:

- Availability by rate and number and reconversion using overall population
- Missing data: (list by year)
  - 1925 – 1927, Georgia
  - 1910 – 1929, South Dakota


The file albanesiolivetti_mortalitydata.dta contains the unbalanced panel of annual state-level data on birth and mortality in registration states by race for the years 1915 – 1998.

Variable Definitions

Each state by year observation contains the following variables for the following years:

Maternal Mortality Variables

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>matmort_nonwhite</td>
<td>Aggregate Number of Maternal Deaths (Non-White) Per 10,000 Live Births</td>
<td>RATE</td>
<td>1919 – 1965; 1967 – 1975</td>
</tr>
<tr>
<td>marmort_black</td>
<td>Aggregate Number of Maternal Deaths (Black) Per 10,000 Live Births</td>
<td>RATE</td>
<td>1979 – 1998</td>
</tr>
<tr>
<td>matmort_other</td>
<td>Aggregate Number of Maternal Deaths (Other that Black or White) Per 10,000 Live Births</td>
<td>RATE</td>
<td>1979 – 1998</td>
</tr>
</tbody>
</table>
### Aggregate Number of Maternal Deaths (Non-White)

### Infant Mortality Variables

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Time Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>infmort</td>
<td>Aggregate Number of Infant Deaths Per 10,000 Births</td>
<td>RATE</td>
<td>1915; 1917 – 1975</td>
</tr>
<tr>
<td>infmort_white</td>
<td>Aggregate Number of Infant Deaths (White) Per 10,000 Births</td>
<td>RATE</td>
<td>1915; 1925 – 1975; 1979 – 1998</td>
</tr>
<tr>
<td>infmort_nonwhite</td>
<td>Aggregate Number of Infant Deaths (Non-White) Per 10,000 Births</td>
<td>RATE</td>
<td>1915; 1925 – 1975</td>
</tr>
<tr>
<td>infmort_black</td>
<td>Aggregate Number of Infant Deaths (Black) Per 10,000 Births</td>
<td>RATE</td>
<td>1979 – 1998</td>
</tr>
<tr>
<td>infmort_other</td>
<td>Aggregate Number of Infant Deaths (Other than Black or White) Per 10,000 Births</td>
<td>RATE</td>
<td>1979 – 1998</td>
</tr>
<tr>
<td>fetdeath_agg_white</td>
<td>Aggregate Number of Fetal Deaths (White)</td>
<td>NUMBER</td>
<td>1979 – 1998</td>
</tr>
<tr>
<td>fetdeath_agg_nonwhite</td>
<td>Aggregate Number of Fetal Deaths (Non-White)</td>
<td>NUMBER</td>
<td>1979 – 1998</td>
</tr>
<tr>
<td>fetdeathrate_agg</td>
<td>Aggregate Number of Fetal Deaths Per 10,000 Births</td>
<td>RATE</td>
<td>1960 – 1964; 1966 – 1975</td>
</tr>
<tr>
<td>neonataldeath_agg</td>
<td>Aggregate Number of Neonatal Deaths (&lt;1 Month Old) Per 10,000 Births</td>
<td>RATE</td>
<td>1931 – 1936; 1940 – 1975</td>
</tr>
<tr>
<td>neonataldeath_white</td>
<td>Aggregate Number of Neonatal Deaths (&lt;1 Month Old) Per 10,000 Births (White)</td>
<td>RATE</td>
<td>1931 – 1936; 1940 – 1975</td>
</tr>
<tr>
<td>neonataldeath_nonwhite</td>
<td>Aggregate Number of Neonatal Deaths (&lt;1 Month Old) Per 10,000 Births (Non-White)</td>
<td>RATE</td>
<td>1931 – 1936; 1940 – 1975</td>
</tr>
</tbody>
</table>

### Other (Misc.) Variables

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Time Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>totalpop_agg</td>
<td>Total Aggregate Population</td>
<td>NUMBER</td>
<td>1915 – 1998</td>
</tr>
<tr>
<td>livebirths_white</td>
<td>Aggregate Live Births (White)</td>
<td>NUMBER</td>
<td>1915; 1917; 1931 – 1975; 1979 – 1998</td>
</tr>
<tr>
<td>crudebirth_agg</td>
<td>Aggregate Crude Birth Rate Per 1,000 Population</td>
<td>RATE</td>
<td>1915; 1917 – 1919; 1925 – 1998</td>
</tr>
<tr>
<td>crudebirth_white</td>
<td>Aggregate Crude Birth Rate Per 1,000 Population (White)</td>
<td>RATE</td>
<td>1915; 1917; 1931 – 1940; 1950; 1960; 1970 – 1998</td>
</tr>
<tr>
<td>crudebirth_nonwhite</td>
<td>Aggregate Crude Birth Rate Per 1,000 Population (Non-White)</td>
<td>RATE</td>
<td>1915; 1917; 1931 – 1940; 1950; 1960; 1970 – 1998</td>
</tr>
</tbody>
</table>

### Data Sources
All of the cited documents and tables are located at the following URL:
http://www.cdc.gov/nchs/products/vsus.htm#historical

Maternal Mortality

Death Rates

1919 - 1924: Mortality Statistics, 1924: Table BH: “Death Rate From Puerperal Causes per 1,000 Live Births”

Number of Deaths from Complications of Pregnancy


Live Births

1931: Birth, Stillbirth, and Infant Mortality Statistics, 1931, Table 2: “Births (Exclusive of Stillbirths), By Sex and Color”
1932: Birth, Stillbirth, and Infant Mortality Statistics, 1932, Table 2: “Births (Exclusive of Stillbirths), By Sex and Color”
1933: Birth, Stillbirth, and Infant Mortality Statistics, 1933, Table 2: “Births (Exclusive of Stillbirths), By Sex and Color”
1934: Birth, Stillbirth, and Infant Mortality Statistics, 1934, Table 2: “Births (Exclusive of Stillbirths), By Sex and Color”
1935: Birth, Stillbirth, and Infant Mortality Statistics, 1935, Table 2: “Births (Exclusive of Stillbirths), By Sex and Color”
1936: Birth, Stillbirth, and Infant Mortality Statistics, 1936, Table 2: “Births (Exclusive of Stillbirths), By Sex and Color”
1937: Vital Statistics in the United States, 1937, Table 1: “Crude Death Rates: Death-Registration States and Each State, 1900-1940”
1938: Vital Statistics in the United States, 1938, Table 1: “Crude Death Rates: Death-Registration States and Each State, 1900-1940”
1939: Vital Statistics in the United States, 1939, Table 3: “Specific Death Rates by Race and Sex”
1940: Vital Statistics in the United States, 1940, Table 3: “Specific Death Rates by Race and Sex”
1941: Vital Statistics in the United States, 1941, Part I, Table 3: “Cases of Plural Births Classified by Number of Children Born Alive and Stillborn”
1944: Vital Statistics in the United States, 1944, Part II, Table 5: “Live Births by Race, Birth Order, and Age of Mother”
1945: Vital Statistics in the United States, 1945, Part II, Table 6: “Live Births by Race, Sex, and Age of Father”
1946: Vital Statistics in the United States, 1946, Part II, Table 4: “Live Births by Sex, Race, and Month”
1948: Vital Statistics in the United States, 1948, Part II, Table 3: “Live Births by Sex, Race, and Month”
1972: Vital Statistics in the United States, 1972, Volume I, Table 2-1: “Live Births by Attendant and Place of Delivery and Race”

**Infant Mortality**

*Death Rates*

1920: Mortality Statistics, 1923, Table BZ: “Deaths of Infants Under 1 Year of Age per 1,000 Live Births”
1921-1924: Mortality Statistics, 1924, Table CC: “Deaths of Infants Under 1 Year of Age per 1,000 Live Births”

*Stillbirth Ratios*

1925 - 1940: Vital Statistics in the United States, 1900-1940, Table 42: “Stillbirth Ratios by Race”

Stillbirth Reporting Requirements

1931: Birth, Stillbirth, and Infant Mortality Statistics, 1931, Stillbirth Statistics, Table S
1932: Birth, Stillbirth, and Infant Mortality Statistics, 1932, Stillbirth Statistics, Table S
1933: Birth, Stillbirth, and Infant Mortality Statistics, 1933, Stillbirth Statistics, Table S
1934: Birth, Stillbirth, and Infant Mortality Statistics, 1934, Stillbirth Statistics, Table S
1935: Birth, Stillbirth, and Infant Mortality Statistics, 1935, Stillbirth Statistics, Table S
1936: Birth, Stillbirth, and Infant Mortality Statistics, 1936, Stillbirth Statistics, Table Q

Neonatal Deaths

1931: Birth, Stillbirth, and Infant Mortality Statistics, 1931, Table 21: “Deaths (Exclusive of Stillbirths) from Important Causes, by Certain Subdivisions of the First Year of Life”
1932: Birth, Stillbirth, and Infant Mortality Statistics, 1932, Table 21: “Deaths (Exclusive of Stillbirths) from Important Causes, by Certain Subdivisions of the First Year of Life”
1933: Birth, Stillbirth, and Infant Mortality Statistics, 1933, Table 21: “Deaths from Important Causes, by Certain Subdivisions of the First Year of Life”
1934: Birth, Stillbirth, and Infant Mortality Statistics, 1934, Table 21: “Deaths from Important Causes by Certain Subdivisions of the First Year of Life”
1936: Birth, Stillbirth, and Infant Mortality Statistics, 1936, Table 21: “Deaths (Exclusive of Stillbirths) from Important Causes, by Certain Subdivisions of the First Year of Life”

*Neonatal Deaths Less Than 1 Week (Post-1960)*


*Neonatal Death Less Than 1 Month (Post-1960)*

Total Live Births


Total Population

1925: Mortality Statistics, 1925, Part 1, Table 1 A: “Population, Deaths, and Death Rates per 1,000 Population, by Color, in Urban and Rural Districts”
1926: Mortality Statistics, 1926, Part 1, Table 1 A: “Population, Deaths, and Death Rates per 1,000 Population, by Color, in Urban and Rural Districts”
1927: Mortality Statistics, 1927, Part 1, Table I A: “Population, Deaths, and Death Rates per 1,000 Population, by Color, in Urban and Rural Districts”
1928: Mortality Statistics, 1929, Part 1, Table I A: “Population, Deaths, and Death Rates per 1,000 Population, by Color, in Urban and Rural Districts”
1929: Mortality Statistics, 1929: Table I A

Crude Birth Rate


Data Issues:
• Since some of the RATE variables were created from various data sets, they could not strictly be added to the existing RATE variables, and therefore, there may be some overlaps and inconsistencies in those variables. For example, the matmort variable is split up into four maternal mortality variables by race. Since the data for maternal mortality rates for 1925-1975 included race variables different from those for the maternal mortality rates from 1979-1998, extra race variables needed to be created. Thus, we have in the final data set maternal mortality rates by the following races: white, black, non-white (which includes black), and other (which excludes white and black races). The same is true for the other RATE variables.

• We are missing data for the following variables for the following years:
  matmort (1915-18, 1966, 1976-78)
  matmort_white (1915-18, 1966, 1976-78)
  matmort_nonwhite (1915-18, 1966, 1976-98)
  marmort_black (1915-78)
  matmort_other (1915-78)
  matdeath (1915-24, 1926-60, 1966, 1976-78)
  matdeath_white (1915-24, 1926-60, 1976-78)
  matdeath_nonwhite (1915-24, 1926-60, 1966, 1976-78)
  infmort (1916, 1976-98)
  infmort_white (1916-24, 1976-78)
  infmort_nonwhite (1916-24, 1976-98)
  infmort_black (1915-78)
  infmort_other (1915-78)
  fetdeath_agg (1915-59, 1965, 1976-78)
  fetdeath_agg_white (1915-78)
  fetdeath_agg_nonwhite (1915-78)
  totalpop_agg (NONE)
  totalpop_white (1916, 1918-19, 1941-49, 1951-59, 1961-69)
  livebirths (1916, 1920-30, 1976-78)
  livebirths_white (1916, 1918-30, 1976-78)
  crudebirth_agg (1916, 1920-24)
  crudebirth_white (1916, 1918-30, 1941-49, 1951-59, 1961-69)