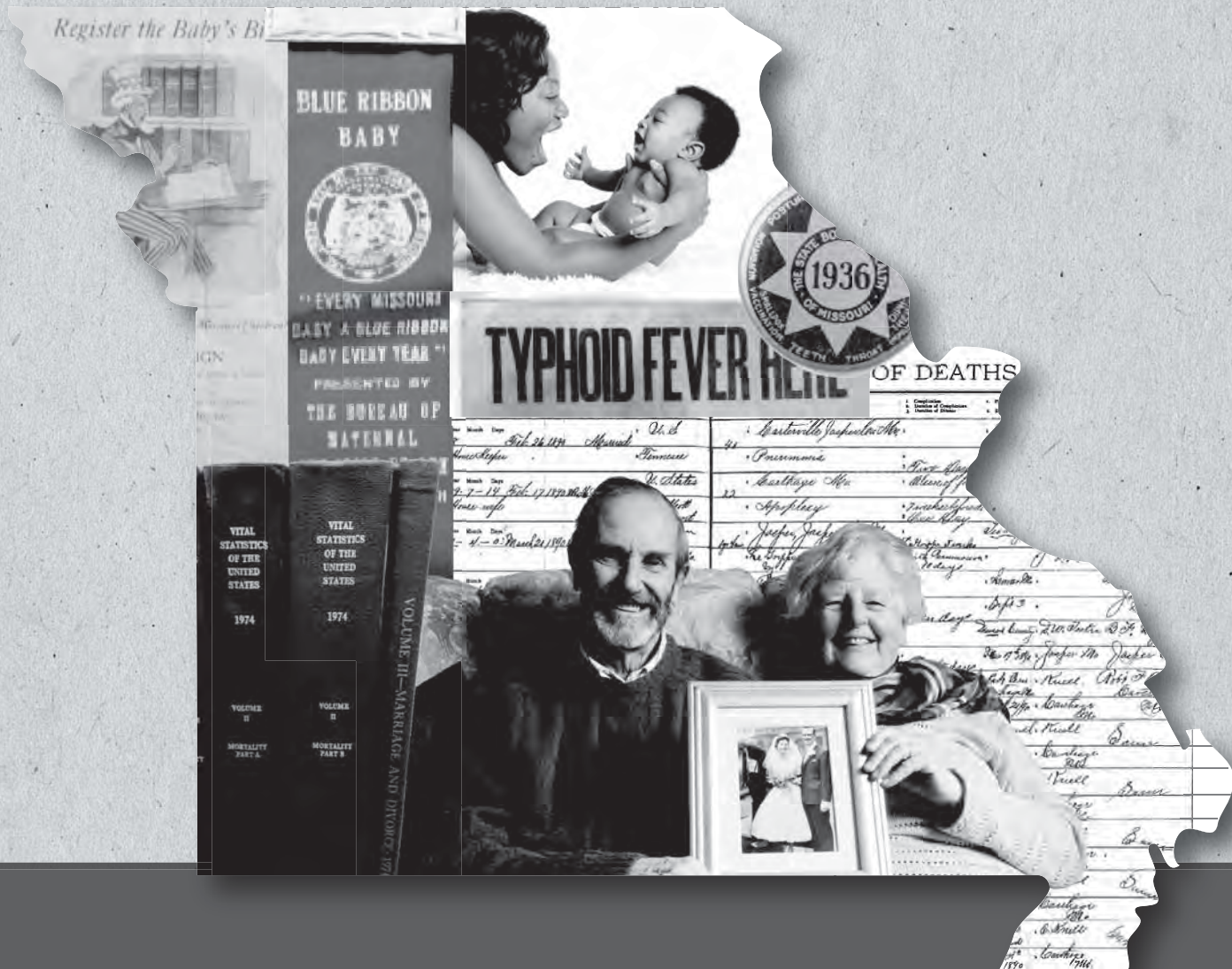


# Missouri Vital Statistics 2011



*100th Anniversary Edition*



Missouri Department of  
Health and Senior Services  
Bureau of Vital Statistics

**MISSOURI  
VITAL STATISTICS  
2011**

MISSOURI DEPARTMENT OF HEALTH & SENIOR SERVICES

BUREAU OF VITAL STATISTICS

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October 2013

## **PREFACE: CELEBRATING 100 YEARS OF VITAL STATISTICS**

This report represents 100 years of reporting Missouri vital statistics. Legislation passed by the Missouri General Assembly and approved on May 6, 1909, provided for the ‘immediate registration of all births and deaths’ by the State Board of Health. Improved sanitation and hygiene for the people of the state were anticipated as a result of centralizing these duties. With the passage of the legislation, Missouri became the 19<sup>th</sup> state to enact a comprehensive vital statistics law and acceptance into the death registration area of the U.S. Census Bureau soon followed. The 1909 law was implemented by February of 1910, and the first vital statistics report using a full year of Missouri birth and death records was for 1911.

Birth and death certificates are permanent legal records that contain valuable health and medical information. As legal documents, birth and death certificates provide proof of age, parentage, and citizenship. They are used to obtain passports and driver’s licenses, enroll in benefits programs, settle estates, obtain life insurance payouts, and terminate Social Security benefits. Health and medical information from birth and death records is transformed into data to calculate population growth, identify health risk factors, measure health outcomes, plan and evaluate health programs and conduct research. Vital statistics help drive public health programs that keep society healthy and they influence our personal healthcare. Vital records and vital statistics impact our lives every day. For more than 100 years, Missouri vital records have captured a piece of the life story of every person that was born or died in Missouri.

This report presents the final tabulation of statistical data relating to vital events in Missouri during 2011. Data for the year of the report were accepted through April 15, 2012, allowing information reflecting events in 2011 to be as complete as possible.

*Missouri Vital Statistics 2011* is published for use in public health and related fields as an aid for studying births, deaths, fetal deaths, marriages, dissolutions, and abortions. This document along with additional vital statistics data are available on the Department of Health and Senior Services website at [health.mo.gov](http://health.mo.gov) under Data, Surveillance Systems, and Statistical Reports.

## Vital Statistics Then and Now

Changes that occur over time can be very significant but difficult to see. A benefit to having one hundred years of vital statistics is the ability to document some important changes in the public health of Missourians as shown below.

- People are now expected to live nearly 25 years longer than in 1911. Back then, average life expectancy was 53 years, while today it is over 77 years.
- More than 99 percent of all babies born in Missouri today will live to celebrate their first birthday. In 1911, ten out of every 100 babies died before they were one year old.
- Missourians are much more likely to survive childhood today than in 1911. Back then, 18 of every 100 young people died before age 20. Today, close to 99 percent of Missouri children will celebrate their 20<sup>th</sup> birthday.
- Missourians are nearly twice as likely now to live to age 65, compared to people living in 1911. Back then, only 46 out of 100 Missourians survived to age 65. Now, 82 percent live to that age.
- In 1911, about 22 percent of deaths in Missouri were caused by communicable diseases like influenza, scarlet fever, tuberculosis and whooping cough (pertussis). Today, less than three percent of Missouri deaths are caused by communicable disease.
- Women are much less likely to die as a consequence of pregnancy and child birth now than they were in 1911. The maternal death rate now (2011) is two deaths per 10,000 live births, compared to more than 77 deaths in 1911.

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**DISSOLUTIONS**

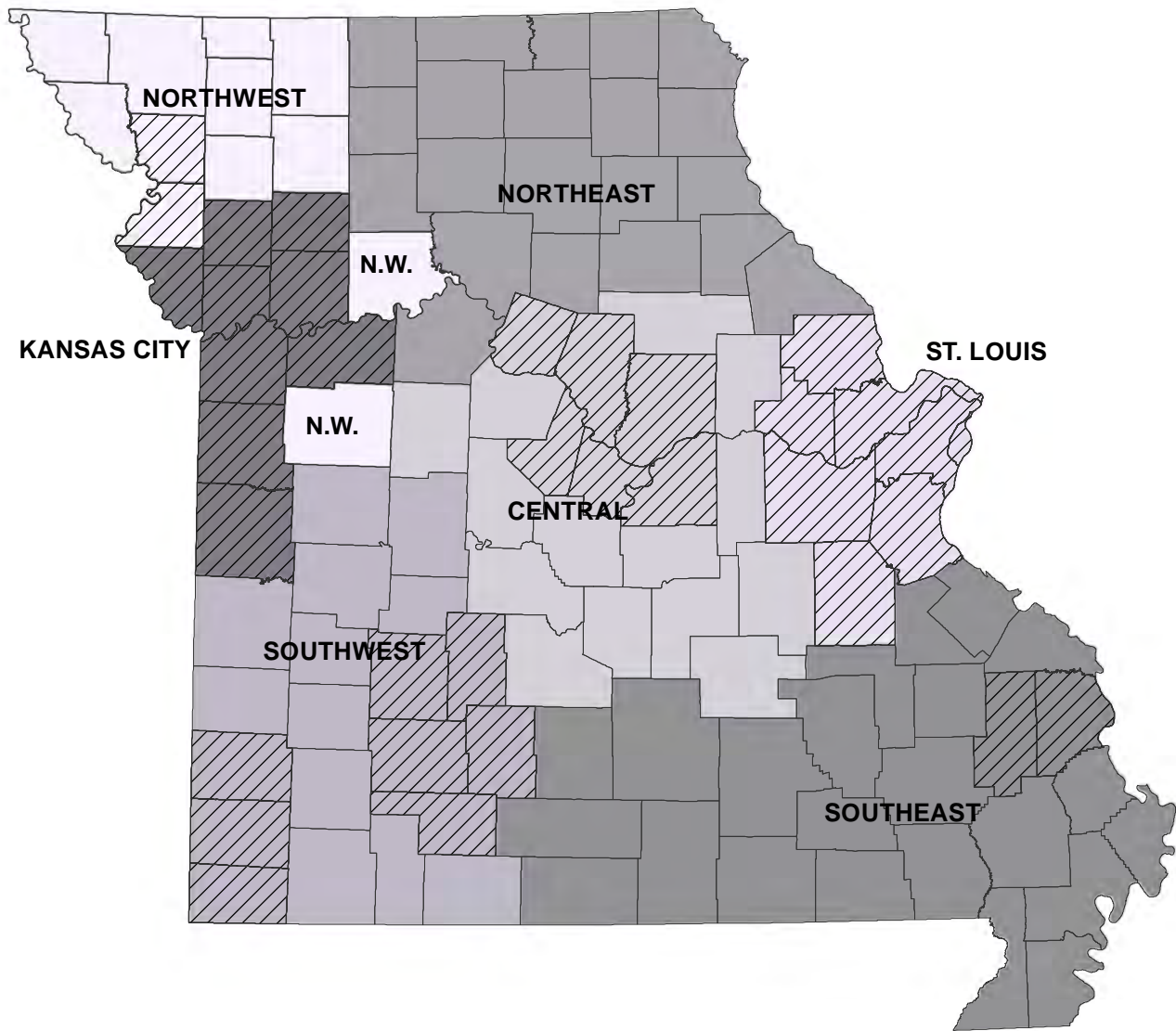
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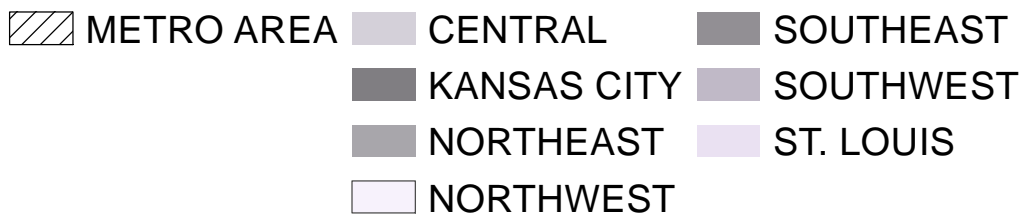
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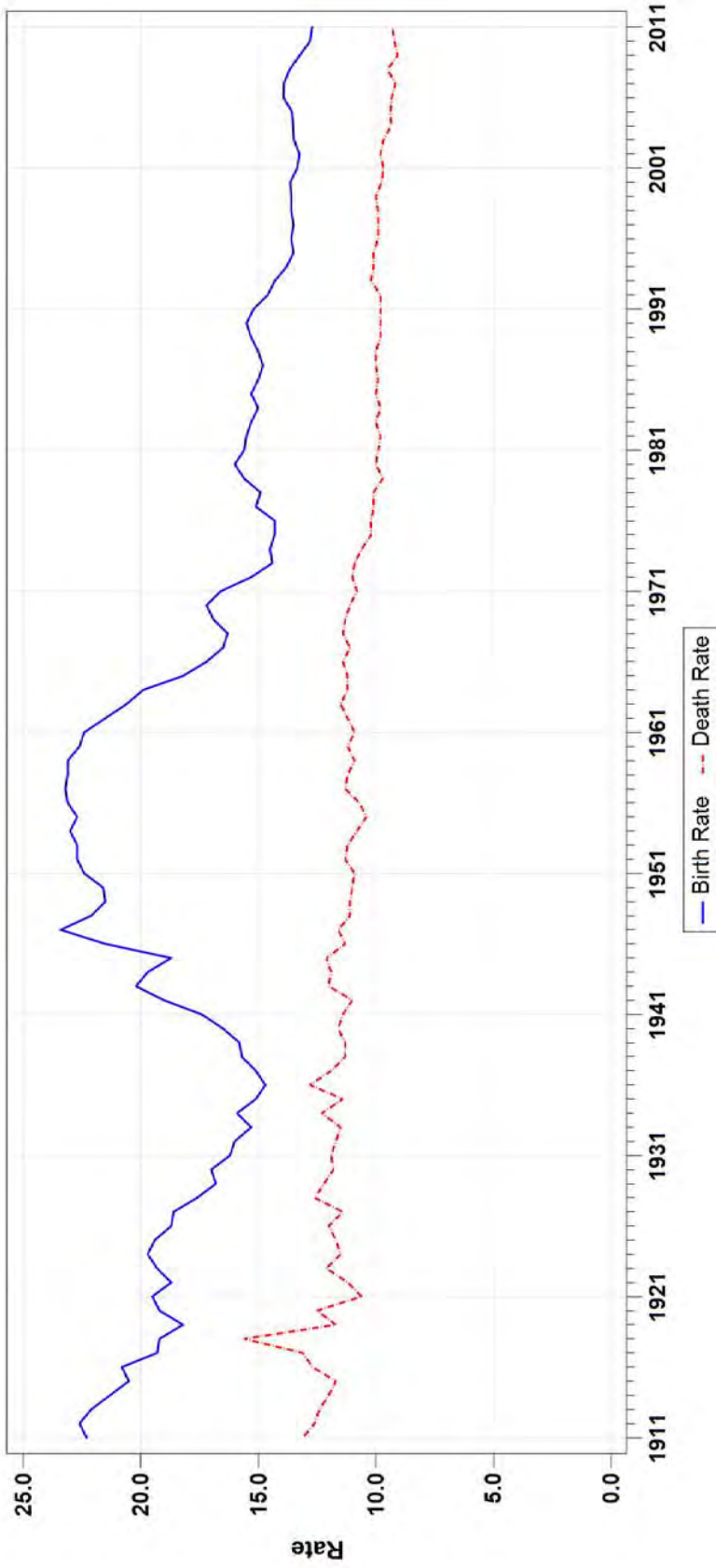
# Behavioral Risk Factor Surveillance System (BRFSS) Regions



## LEGEND



**Graph A. Live Birth and Death Rates per 1,000 Population: Missouri, 1911-2011\***



| Year | Rate  |       | Year | Rate  |       | Year | Rate  |       |
|------|-------|-------|------|-------|-------|------|-------|-------|
|      | Birth | Death |      | Birth | Death |      | Birth | Death |
| 1911 | 22.3  | 13.1  | 1935 | 15.1  | 11.4  | 1960 | 22.6  | 11.2  |
| 1915 | 20.5  | 11.7  | 1940 | 16.5  | 11.6  | 1965 | 18.2  | 11.2  |
| 1920 | 19.2  | 12.5  | 1945 | 18.7  | 12.1  | 1970 | 17.2  | 11.1  |
| 1925 | 19.4  | 11.7  | 1950 | 21.6  | 11.0  | 1975 | 14.3  | 10.2  |
| 1930 | 17.0  | 11.8  | 1955 | 22.7  | 10.4  | 1980 | 16.0  | 10.0  |
|      |       |       |      |       |       | 1985 | 15.3  | 10.0  |
|      |       |       |      |       |       | 1990 | 15.5  | 9.8   |
|      |       |       |      |       |       | 1995 | 13.5  | 10.1  |
|      |       |       |      |       |       | 2000 | 13.6  | 9.8   |
|      |       |       |      |       |       | 2005 | 13.6  | 9.4   |
|      |       |       |      |       |       | 2010 | 12.8  | 9.2   |
|      |       |       |      |       |       | 2011 | 12.7  | 9.3   |

\*1911-1944 recorded events 1945-2011 resident events

**Table 1. Population, Recorded Births and Deaths with Rates per 1,000 Population and Natural Increase: Missouri, 1911-1944**

| Year | Estimated Mid-Year Population | Births        |             | Deaths        |             | Natural Increase |
|------|-------------------------------|---------------|-------------|---------------|-------------|------------------|
|      |                               | Births Number | Births Rate | Deaths Number | Deaths Rate |                  |
| 1911 | 3,317                         | 74,130        | 22.3        | 43,479        | 13.1        | 30,651           |
| 1912 | 3,344                         | 75,452        | 22.6        | 42,139        | 12.6        | 33,313           |
| 1913 | 3,409                         | 75,231        | 22.1        | 42,130        | 12.4        | 33,101           |
| 1914 | 3,467                         | 73,925        | 21.3        | 41,743        | 12.0        | 32,182           |
| 1915 | 3,492                         | 71,543        | 20.5        | 40,863        | 11.7        | 30,680           |
| 1916 | 3,527                         | 73,486        | 20.8        | 44,705        | 12.7        | 28,781           |
| 1917 | 3,470                         | 67,041        | 19.3        | 45,564        | 13.1        | 21,477           |
| 1918 | 3,325                         | 64,001        | 19.2        | 51,925        | 15.6        | 12,076           |
| 1919 | 3,371                         | 61,193        | 18.2        | 39,282        | 11.7        | 21,911           |
| 1920 | 3,404                         | 65,416        | 19.2        | 42,572        | 12.5        | 22,844           |
| 1921 | 3,429                         | 66,970        | 19.5        | 36,210        | 10.6        | 30,760           |
| 1922 | 3,427                         | 64,388        | 18.7        | 38,417        | 11.2        | 25,971           |
| 1923 | 3,454                         | 66,691        | 19.3        | 41,853        | 12.1        | 24,838           |
| 1924 | 3,508                         | 68,961        | 19.7        | 40,463        | 11.5        | 28,498           |
| 1925 | 3,526                         | 68,293        | 19.4        | 41,332        | 11.7        | 26,961           |
| 1926 | 3,556                         | 66,611        | 18.7        | 42,684        | 12.0        | 23,927           |
| 1927 | 3,576                         | 66,401        | 18.6        | 40,853        | 11.4        | 25,548           |
| 1928 | 3,601                         | 63,401        | 17.6        | 45,219        | 12.6        | 18,182           |
| 1929 | 3,622                         | 60,980        | 16.8        | 44,262        | 12.2        | 16,718           |
| 1930 | 3,646                         | 62,011        | 17.0        | 42,924        | 11.8        | 19,087           |
| 1931 | 3,711                         | 60,201        | 16.2        | 43,999        | 11.9        | 16,202           |
| 1932 | 3,746                         | 59,755        | 16.0        | 43,695        | 11.7        | 16,060           |
| 1933 | 3,773                         | 57,717        | 15.3        | 43,368        | 11.5        | 14,349           |
| 1934 | 3,784                         | 60,317        | 15.9        | 46,685        | 12.3        | 13,632           |
| 1935 | 3,798                         | 57,299        | 15.1        | 43,201        | 11.4        | 14,098           |
| 1936 | 3,801                         | 55,916        | 14.7        | 48,767        | 12.8        | 7,149            |
| 1937 | 3,794                         | 57,270        | 15.1        | 45,160        | 11.9        | 12,110           |
| 1938 | 3,781                         | 59,365        | 15.7        | 42,578        | 11.3        | 16,787           |
| 1939 | 3,783                         | 59,688        | 15.8        | 42,693        | 11.3        | 16,995           |
| 1940 | 3,786                         | 62,545        | 16.5        | 43,950        | 11.6        | 18,595           |
| 1941 | 3,811                         | 66,268        | 17.4        | 43,295        | 11.4        | 22,973           |
| 1942 | 3,829                         | 72,575        | 19.0        | 42,117        | 11.0        | 30,458           |
| 1943 | 3,705                         | 74,820        | 20.2        | 44,437        | 12.0        | 30,383           |
| 1944 | 3,560                         | 69,982        | 19.7        | 42,347        | 11.9        | 27,635           |

Sources: 1911-1934 and 1937-1944 Vital Statistics Reports of the Missouri State Board of Health. 1935-1936, Special Reports of the United States Bureau of the Census. Population estimates 1911 to 1944 taken from United States Bureau of the Census Release, Series P-25, No 139, June 27, 1956.

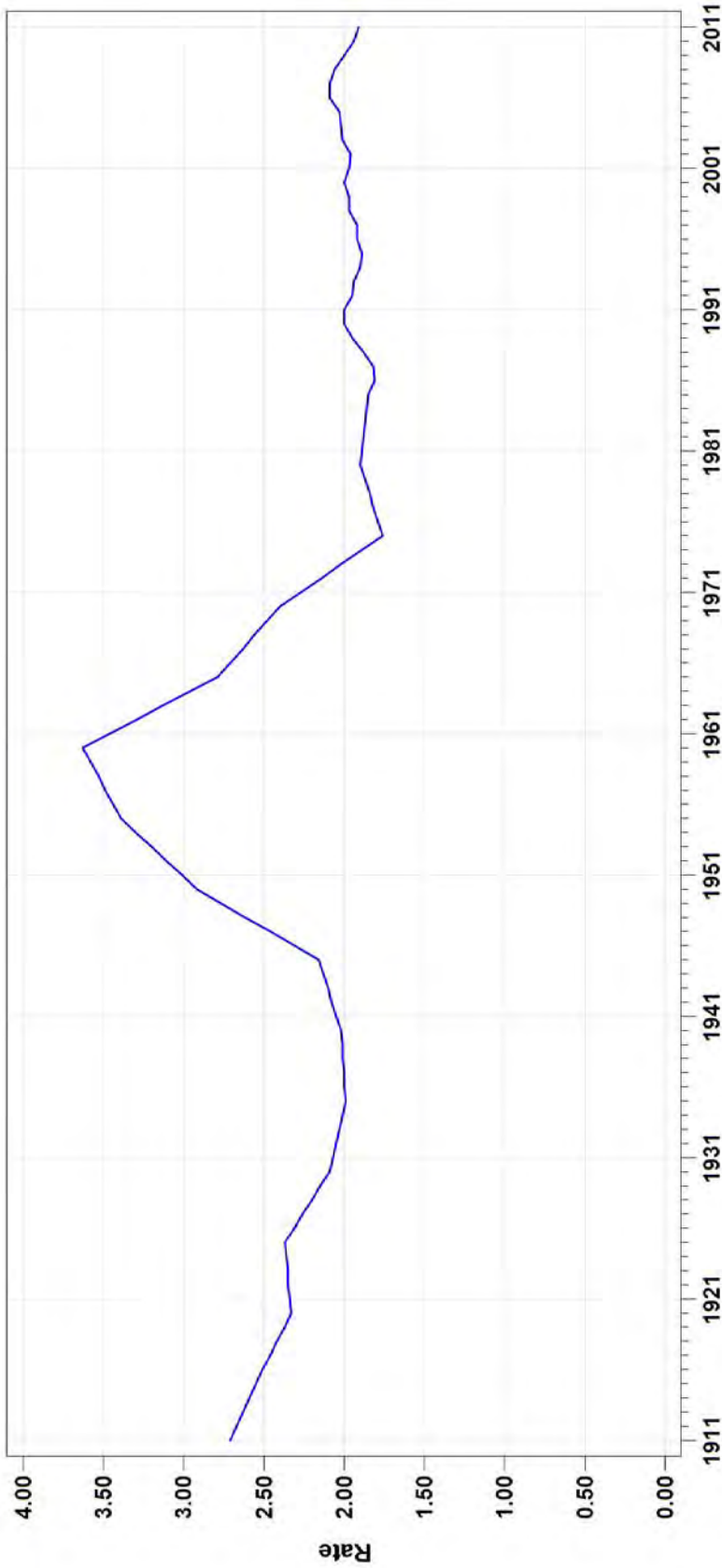
**Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2011**

| Year | Recorded               |                      |                        |                      |                        |                      | Resident               |                      |                  |        |  |  |
|------|------------------------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------|--------|--|--|
|      | Births                 |                      |                        | Deaths               |                        |                      | Births                 |                      |                  | Deaths |  |  |
|      | Recorded Births Number | Recorded Births Rate | Recorded Deaths Number | Recorded Deaths Rate | Resident Births Number | Resident Births Rate | Resident Deaths Number | Resident Deaths Rate | Natural Increase |        |  |  |
| 1945 | 67,693                 | 19.3                 | 42,757                 | 12.2                 | 65,691                 | 18.7                 | 42,496                 | 12.1                 | 23,195           |        |  |  |
| 1946 | 82,901                 | 22.1                 | 42,640                 | 11.4                 | 80,698                 | 21.5                 | 42,377                 | 11.3                 | 38,321           |        |  |  |
| 1947 | 92,369                 | 24.0                 | 44,762                 | 11.6                 | 89,902                 | 23.4                 | 44,474                 | 11.6                 | 45,428           |        |  |  |
| 1948 | 87,005                 | 22.6                 | 42,921                 | 11.2                 | 85,096                 | 22.1                 | 42,753                 | 11.1                 | 42,342           |        |  |  |
| 1949 | 87,372                 | 22.1                 | 43,995                 | 11.1                 | 85,206                 | 21.5                 | 43,708                 | 11.1                 | 41,498           |        |  |  |
| 1950 | 87,948                 | 22.2                 | 43,962                 | 11.1                 | 85,704                 | 21.6                 | 43,714                 | 11.0                 | 41,990           |        |  |  |
| 1951 | 4,015                  | 23.1                 | 44,318                 | 11.0                 | 89,977                 | 22.4                 | 44,051                 | 10.9                 | 45,926           |        |  |  |
| 1952 | 3,972                  | 23.4                 | 45,245                 | 11.4                 | 90,118                 | 22.7                 | 45,051                 | 11.3                 | 45,067           |        |  |  |
| 1953 | 4,020                  | 23.5                 | 45,686                 | 11.4                 | 91,447                 | 22.7                 | 45,148                 | 11.2                 | 46,299           |        |  |  |
| 1954 | 4,066                  | 23.9                 | 44,404                 | 10.9                 | 93,453                 | 23.0                 | 43,835                 | 10.8                 | 49,618           |        |  |  |
| 1955 | 4,134                  | 23.6                 | 43,531                 | 10.5                 | 93,797                 | 22.7                 | 43,000                 | 10.4                 | 50,797           |        |  |  |
| 1956 | 4,163                  | 24.1                 | 45,003                 | 10.8                 | 96,099                 | 23.1                 | 44,458                 | 10.7                 | 51,641           |        |  |  |
| 1957 | 4,189                  | 24.2                 | 47,784                 | 11.4                 | 97,161                 | 23.2                 | 47,333                 | 11.3                 | 49,828           |        |  |  |
| 1958 | 4,186                  | 24.1                 | 47,338                 | 11.3                 | 96,721                 | 23.1                 | 46,729                 | 11.2                 | 49,992           |        |  |  |
| 1959 | 4,258                  | 24.1                 | 47,099                 | 11.1                 | 98,537                 | 23.1                 | 46,465                 | 10.9                 | 52,072           |        |  |  |
| 1960 | 4,326                  | 23.5                 | 48,955                 | 11.3                 | 97,723                 | 22.6                 | 48,287                 | 11.2                 | 49,436           |        |  |  |
| 1961 | 4,349                  | 23.3                 | 47,933                 | 11.0                 | 97,321                 | 22.4                 | 47,303                 | 10.9                 | 50,018           |        |  |  |
| 1962 | 4,357                  | 22.4                 | 49,685                 | 11.4                 | 93,879                 | 21.5                 | 49,016                 | 11.2                 | 44,863           |        |  |  |
| 1963 | 4,392                  | 21.3                 | 51,159                 | 11.6                 | 90,363                 | 20.6                 | 50,538                 | 11.5                 | 39,825           |        |  |  |
| 1964 | 4,442                  | 20.5                 | 50,271                 | 11.3                 | 88,335                 | 19.9                 | 49,617                 | 11.2                 | 38,718           |        |  |  |
| 1965 | 4,467                  | 18.8                 | 51,101                 | 11.4                 | 81,216                 | 18.2                 | 50,249                 | 11.2                 | 30,967           |        |  |  |
| 1966 | 4,523                  | 17.9                 | 52,476                 | 11.6                 | 77,946                 | 17.2                 | 51,581                 | 11.4                 | 26,365           |        |  |  |
| 1967 | 4,539                  | 17.2                 | 51,245                 | 11.3                 | 74,823                 | 16.5                 | 50,544                 | 11.1                 | 24,279           |        |  |  |
| 1968 | 4,568                  | 16.9                 | 52,834                 | 11.6                 | 74,304                 | 16.3                 | 52,019                 | 11.4                 | 22,285           |        |  |  |
| 1969 | 4,640                  | 17.5                 | 53,172                 | 11.5                 | 78,396                 | 16.9                 | 52,314                 | 11.3                 | 26,082           |        |  |  |
| 1970 | 4,680                  | 17.9                 | 52,592                 | 11.2                 | 80,707                 | 17.2                 | 51,743                 | 11.1                 | 28,964           |        |  |  |
| 1971 | 4,723                  | 17.2                 | 51,810                 | 11.0                 | 78,375                 | 16.6                 | 50,811                 | 10.8                 | 27,564           |        |  |  |
| 1972 | 4,753                  | 15.8                 | 53,249                 | 11.2                 | 72,597                 | 15.3                 | 52,287                 | 11.0                 | 20,310           |        |  |  |
| 1973 | 4,775                  | 14.8                 | 53,003                 | 11.1                 | 68,605                 | 14.4                 | 51,812                 | 10.9                 | 16,793           |        |  |  |
| 1974 | 4,785                  | 15.0                 | 51,656                 | 10.8                 | 69,412                 | 14.5                 | 50,504                 | 10.6                 | 18,908           |        |  |  |
| 1975 | 4,795                  | 14.8                 | 49,986                 | 10.4                 | 68,442                 | 14.3                 | 48,984                 | 10.2                 | 19,458           |        |  |  |
| 1976 | 4,824                  | 14.8                 | 50,074                 | 10.4                 | 68,781                 | 14.3                 | 49,008                 | 10.2                 | 19,773           |        |  |  |
| 1977 | 4,845                  | 15.6                 | 49,839                 | 10.3                 | 72,957                 | 15.1                 | 48,761                 | 10.1                 | 24,196           |        |  |  |
| 1978 | 4,871                  | 15.5                 | 50,439                 | 10.4                 | 72,654                 | 14.9                 | 49,207                 | 10.1                 | 23,447           |        |  |  |

**Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2011**

| Year | Recorded               |                      |                        |                      |                        |                      | Resident               |                      |                        |                        |                      |                  |
|------|------------------------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|------------------------|----------------------|------------------|
|      | Births                 |                      |                        | Deaths               |                        |                      | Births                 |                      |                        | Deaths                 |                      |                  |
|      | Recorded Births Number | Recorded Births Rate | Recorded Deaths Number | Recorded Deaths Rate | Resident Births Number | Resident Births Rate | Resident Deaths Number | Resident Deaths Rate | Resident Births Number | Resident Deaths Number | Resident Deaths Rate | Natural Increase |
| 1979 | 78,562                 | 16.1                 | 48,946                 | 10.0                 | 76,056                 | 15.6                 | 47,656                 | 9.7                  | 47,656                 | 47,656                 | 9.7                  | 28,400           |
| 1980 | 80,770                 | 16.4                 | 50,504                 | 10.3                 | 78,588                 | 16.0                 | 49,334                 | 10.0                 | 49,334                 | 49,334                 | 10.0                 | 29,254           |
| 1981 | 78,538                 | 15.9                 | 49,780                 | 10.1                 | 76,758                 | 15.6                 | 48,645                 | 9.9                  | 48,645                 | 48,645                 | 9.9                  | 28,113           |
| 1982 | 78,334                 | 15.9                 | 49,145                 | 10.0                 | 76,648                 | 15.5                 | 48,126                 | 9.8                  | 48,126                 | 48,126                 | 9.8                  | 28,522           |
| 1983 | 77,061                 | 15.6                 | 50,540                 | 10.2                 | 75,505                 | 15.3                 | 49,381                 | 10.0                 | 49,381                 | 49,381                 | 10.0                 | 26,124           |
| 1984 | 76,293                 | 15.3                 | 50,232                 | 10.1                 | 74,422                 | 15.0                 | 48,890                 | 9.8                  | 48,890                 | 48,890                 | 9.8                  | 25,532           |
| 1985 | 78,760                 | 15.7                 | 51,635                 | 10.3                 | 76,697                 | 15.3                 | 50,098                 | 10.0                 | 50,098                 | 50,098                 | 10.0                 | 26,599           |
| 1986 | 77,105                 | 15.3                 | 51,350                 | 10.2                 | 75,116                 | 15.0                 | 49,971                 | 9.9                  | 49,971                 | 49,971                 | 9.9                  | 25,145           |
| 1987 | 76,909                 | 15.2                 | 52,016                 | 10.3                 | 74,830                 | 14.8                 | 50,362                 | 10.0                 | 50,362                 | 50,362                 | 10.0                 | 24,468           |
| 1988 | 78,331                 | 15.4                 | 52,265                 | 10.3                 | 76,101                 | 15.0                 | 50,619                 | 10.0                 | 50,619                 | 50,619                 | 10.0                 | 25,482           |
| 1989 | 79,866                 | 15.7                 | 51,679                 | 10.1                 | 77,755                 | 15.3                 | 50,169                 | 9.8                  | 50,169                 | 50,169                 | 9.8                  | 27,586           |
| 1990 | 81,416                 | 15.9                 | 51,786                 | 10.1                 | 79,135                 | 15.5                 | 50,212                 | 9.8                  | 50,212                 | 50,212                 | 9.8                  | 28,923           |
| 1991 | 81,076                 | 15.7                 | 52,362                 | 10.1                 | 78,468                 | 15.2                 | 50,711                 | 9.8                  | 50,711                 | 50,711                 | 9.8                  | 27,757           |
| 1992 | 78,720                 | 15.1                 | 52,513                 | 10.1                 | 76,005                 | 14.6                 | 50,893                 | 9.8                  | 50,893                 | 50,893                 | 9.8                  | 25,112           |
| 1993 | 77,986                 | 14.8                 | 55,322                 | 10.5                 | 75,146                 | 14.3                 | 53,655                 | 10.2                 | 53,655                 | 53,655                 | 10.2                 | 21,491           |
| 1994 | 76,381                 | 14.3                 | 55,398                 | 10.4                 | 73,279                 | 13.8                 | 53,611                 | 10.1                 | 53,611                 | 53,611                 | 10.1                 | 19,668           |
| 1995 | 75,980                 | 14.1                 | 56,062                 | 10.4                 | 72,804                 | 13.5                 | 54,222                 | 10.1                 | 54,222                 | 54,222                 | 10.1                 | 18,582           |
| 1996 | 76,504                 | 14.1                 | 55,517                 | 10.2                 | 73,733                 | 13.6                 | 53,766                 | 9.9                  | 53,766                 | 53,766                 | 9.9                  | 19,967           |
| 1997 | 76,650                 | 14.0                 | 55,887                 | 10.2                 | 73,940                 | 13.5                 | 54,203                 | 9.9                  | 54,203                 | 54,203                 | 9.9                  | 19,737           |
| 1998 | 77,701                 | 14.1                 | 56,708                 | 10.3                 | 75,242                 | 13.6                 | 54,849                 | 9.9                  | 54,849                 | 54,849                 | 9.9                  | 20,393           |
| 1999 | 77,371                 | 13.9                 | 57,621                 | 10.4                 | 75,366                 | 13.6                 | 55,732                 | 10.0                 | 55,732                 | 55,732                 | 10.0                 | 19,634           |
| 2000 | 78,302                 | 14.0                 | 56,395                 | 10.1                 | 76,329                 | 13.6                 | 54,602                 | 9.8                  | 54,602                 | 54,602                 | 9.8                  | 21,727           |
| 2001 | 76,690                 | 13.6                 | 56,343                 | 10.0                 | 75,290                 | 13.3                 | 54,601                 | 9.7                  | 54,601                 | 54,601                 | 9.7                  | 20,689           |
| 2002 | 76,366                 | 13.5                 | 57,406                 | 10.1                 | 75,167                 | 13.2                 | 55,637                 | 9.8                  | 55,637                 | 55,637                 | 9.8                  | 19,530           |
| 2003 | 77,878                 | 13.6                 | 56,903                 | 10.0                 | 76,960                 | 13.5                 | 55,195                 | 9.7                  | 55,195                 | 55,195                 | 9.7                  | 21,765           |
| 2004 | 78,591                 | 13.7                 | 55,363                 | 9.6                  | 77,709                 | 13.5                 | 53,787                 | 9.4                  | 53,787                 | 53,787                 | 9.4                  | 23,922           |
| 2005 | 79,525                 | 13.7                 | 56,091                 | 9.7                  | 78,547                 | 13.6                 | 54,324                 | 9.4                  | 54,324                 | 54,324                 | 9.4                  | 24,223           |
| 2006 | 82,456                 | 14.1                 | 56,279                 | 9.6                  | 81,353                 | 13.9                 | 54,475                 | 9.3                  | 54,475                 | 54,475                 | 9.3                  | 26,878           |
| 2007 | 82,823                 | 14.1                 | 55,888                 | 9.5                  | 81,883                 | 13.9                 | 53,937                 | 9.2                  | 53,937                 | 53,937                 | 9.2                  | 27,946           |
| 2008 | 81,991                 | 13.8                 | 58,377                 | 9.9                  | 80,944                 | 13.7                 | 56,278                 | 9.5                  | 56,278                 | 56,278                 | 9.5                  | 24,666           |
| 2009 | 79,593                 | 13.4                 | 56,148                 | 9.4                  | 78,849                 | 13.2                 | 54,064                 | 9.1                  | 54,064                 | 54,064                 | 9.1                  | 24,785           |
| 2010 | 77,588                 | 13.0                 | 57,303                 | 9.6                  | 76,718                 | 12.8                 | 55,054                 | 9.2                  | 55,054                 | 55,054                 | 9.2                  | 21,664           |
| 2011 | 77,135                 | 12.9                 | 57,794                 | 9.7                  | 76,069                 | 12.7                 | 55,599                 | 9.3                  | 55,599                 | 55,599                 | 9.3                  | 20,470           |

**Graph B. Total Fertility Rates: Missouri, 1911-2011**



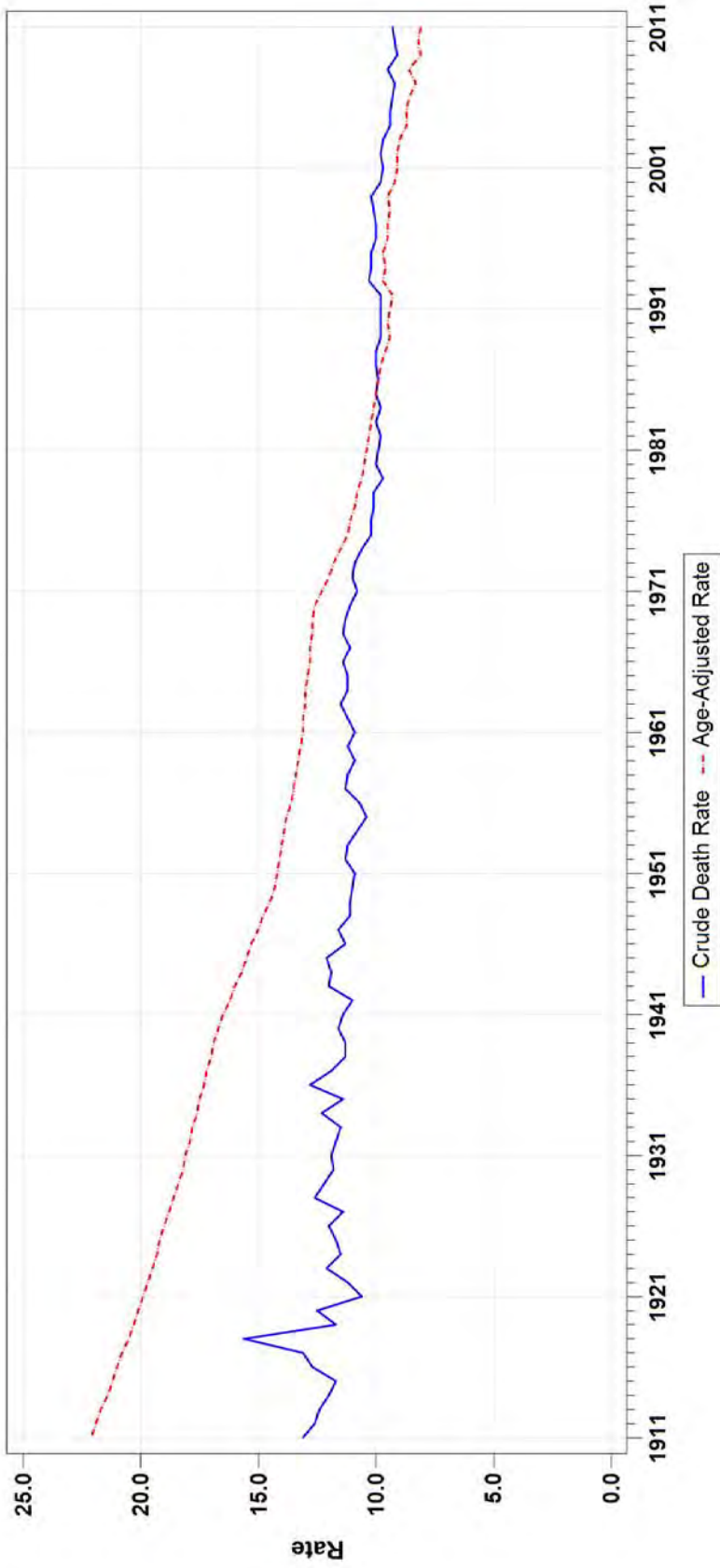
| Year | Total Fertility Rate | Year | Total Fertility Rate | Year | Total Fertility Rate | Year | Total Fertility Rate |
|------|----------------------|------|----------------------|------|----------------------|------|----------------------|
| 1911 | 2.37                 | 1935 | 1.99                 | 1960 | 3.63                 | 1985 | 1.85                 |
| 1915 | 2.55                 | 1940 | 2.02                 | 1965 | 2.79                 | 1990 | 2.00                 |
| 1920 | 2.33                 | 1945 | 2.16                 | 1970 | 2.40                 | 1995 | 1.89                 |
| 1925 | 2.37                 | 1950 | 2.92                 | 1975 | 1.76                 | 2000 | 2.00                 |
| 1930 | 2.09                 | 1955 | 3.39                 | 1980 | 1.90                 | 2005 | 2.03                 |
|      |                      |      |                      |      |                      | 2010 | 1.94                 |
|      |                      |      |                      |      |                      | 2011 | 1.91                 |



Table 3. Fertility Rates per 1,000 Females by Age of Mother: Missouri, 1911-2011

| Year | General Fertility Rate | Age of Mother |       |       |       |       |       |               |       |       |      |     |
|------|------------------------|---------------|-------|-------|-------|-------|-------|---------------|-------|-------|------|-----|
|      |                        | Under 15      | 15-19 |       |       |       |       | Age of Mother |       |       |      |     |
|      |                        |               | Total | 15-17 | 18-19 | 20-24 | 25-29 | 30-34         | 35-39 | 40-44 | 45+  |     |
| 1911 | 93.3                   | 0.4           | 48.8  | ---   | ---   | ---   | 134.2 | 133.5         | 109.6 | 77.7  | 33.5 | 3.8 |
| 1915 | 88.8                   | 0.3           | 50.4  | ---   | ---   | ---   | 136.4 | 126.2         | 97.5  | 67.7  | 27.7 | 3.2 |
| 1920 | 80.6                   | 0.4           | 49.6  | ---   | ---   | ---   | 129.3 | 113.3         | 85.0  | 59.6  | 25.0 | 3.0 |
| 1925 | 81.1                   | 0.4           | 56.7  | ---   | ---   | ---   | 129.5 | 120.2         | 83.8  | 57.7  | 22.5 | 2.4 |
| 1930 | 71.1                   | 0.5           | 54.1  | ---   | ---   | ---   | 115.5 | 103.6         | 79.8  | 46.7  | 18.3 | 2.0 |
| 1935 | 68.0                   | 0.5           | 52.5  | ---   | ---   | ---   | 116.0 | 96.9          | 69.3  | 43.6  | 16.8 | 1.6 |
| 1940 | 69.1                   | 0.4           | 54.5  | ---   | ---   | ---   | 123.6 | 104.8         | 69.8  | 37.1  | 13.2 | 1.4 |
| 1945 | 73.2                   | 0.5           | 50.2  | ---   | ---   | ---   | 121.7 | 114.2         | 81.4  | 47.5  | 14.9 | 1.2 |
| 1950 | 98.6                   | 0.9           | 82.6  | ---   | ---   | ---   | 189.5 | 153.4         | 95.2  | 48.1  | 14.0 | 1.0 |
| 1955 | 112.3                  | 0.8           | 95.3  | ---   | ---   | ---   | 229.0 | 174.2         | 106.9 | 55.7  | 15.2 | 1.0 |
| 1960 | 118.1                  | 0.9           | 99.0  | ---   | ---   | ---   | 254.4 | 187.5         | 110.5 | 56.5  | 16.5 | 1.0 |
| 1965 | 93.0                   | 0.9           | 75.1  | ---   | ---   | ---   | 188.7 | 146.5         | 87.1  | 45.0  | 13.5 | 0.8 |
| 1970 | 85.6                   | 1.1           | 71.8  | ---   | ---   | ---   | 163.3 | 137.2         | 67.7  | 30.1  | 8.8  | 0.5 |
| 1975 | 65.9                   | 1.3           | 60.0  | 41.1  | 89.0  | 88.0  | 110.1 | 106.6         | 51.1  | 18.8  | 4.6  | 0.2 |
| 1980 | 70.6                   | 1.2           | 57.5  | 35.6  | 88.0  | 88.0  | 121.9 | 116.9         | 60.5  | 18.3  | 3.7  | 0.2 |
| 1985 | 66.4                   | 1.2           | 52.4  | 30.5  | 83.8  | 83.8  | 115.9 | 113.0         | 63.4  | 19.7  | 3.2  | 0.2 |
| 1990 | 67.9                   | 1.2           | 62.7  | 39.2  | 92.9  | 92.9  | 118.9 | 117.3         | 70.5  | 25.3  | 4.1  | 0.1 |
| 1995 | 61.0                   | 1.1           | 55.1  | 32.3  | 91.2  | 91.2  | 108.3 | 108.9         | 72.4  | 27.6  | 4.5  | 0.2 |
| 1996 | 61.5                   | 0.9           | 53.2  | 30.8  | 88.8  | 88.8  | 111.7 | 110.6         | 74.1  | 28.5  | 4.9  | 0.2 |
| 1997 | 61.1                   | 0.8           | 49.9  | 29.4  | 85.6  | 85.6  | 111.3 | 112.7         | 75.0  | 29.6  | 5.1  | 0.2 |
| 1998 | 62.3                   | 0.7           | 51.1  | 28.7  | 85.3  | 85.3  | 113.9 | 114.4         | 76.9  | 30.5  | 5.4  | 0.2 |
| 1999 | 62.5                   | 0.7           | 49.6  | 26.9  | 83.2  | 83.2  | 114.2 | 115.8         | 78.5  | 30.4  | 5.5  | 0.3 |
| 2000 | 63.3                   | 0.7           | 48.6  | 26.7  | 80.4  | 80.4  | 115.2 | 115.4         | 82.9  | 31.4  | 5.8  | 0.4 |
| 2001 | 62.5                   | 0.6           | 45.9  | 23.2  | 79.9  | 79.9  | 109.3 | 117.8         | 83.2  | 31.9  | 5.7  | 0.3 |
| 2002 | 62.6                   | 0.6           | 43.7  | 21.9  | 76.6  | 76.6  | 108.3 | 116.4         | 84.2  | 33.1  | 5.9  | 0.4 |
| 2003 | 64.2                   | 0.6           | 42.7  | 21.2  | 74.8  | 74.8  | 109.4 | 122.0         | 86.3  | 34.0  | 6.1  | 0.3 |
| 2004 | 65.0                   | 0.7           | 42.8  | 21.4  | 74.4  | 74.4  | 108.4 | 121.4         | 87.1  | 36.2  | 6.4  | 0.4 |
| 2005 | 65.8                   | 0.5           | 41.6  | 20.6  | 73.4  | 73.4  | 110.1 | 123.4         | 87.0  | 36.3  | 6.4  | 0.3 |
| 2006 | 68.2                   | 0.5           | 44.0  | 22.4  | 77.0  | 77.0  | 114.4 | 124.8         | 89.3  | 37.1  | 6.6  | 0.4 |
| 2007 | 68.8                   | 0.5           | 44.0  | 21.2  | 78.7  | 78.7  | 115.1 | 124.6         | 90.0  | 36.7  | 6.5  | 0.4 |
| 2008 | 68.4                   | 0.5           | 43.5  | 21.3  | 75.8  | 75.8  | 111.3 | 122.1         | 90.4  | 36.5  | 6.8  | 0.4 |
| 2009 | 66.8                   | 0.4           | 40.6  | 19.4  | 70.4  | 70.4  | 107.5 | 117.5         | 89.9  | 36.3  | 6.7  | 0.3 |
| 2010 | 65.2                   | 0.4           | 37.0  | 17.0  | 65.0  | 65.0  | 100.0 | 116.6         | 90.2  | 36.0  | 7.2  | 0.4 |
| 2011 | 64.7                   | 0.3           | 34.4  | 15.8  | 60.7  | 60.7  | 96.4  | 115.2         | 91.1  | 37.5  | 7.3  | 0.3 |

**Graph C. Crude and Age-Adjusted Death Rates\* per 1,000 Population: Missouri, 1911-2011**



| Year | Crude | Age-Adj. | Year | Crude | Age-Adj. | Year | Crude | Age-Adj. |
|------|-------|----------|------|-------|----------|------|-------|----------|
| 1911 | 13.1  | 22.1     | 1935 | 11.4  | 17.5     | 1960 | 11.2  | 13.2     |
| 1915 | 11.7  | 21.2     | 1940 | 11.6  | 16.7     | 1965 | 11.2  | 12.9     |
| 1920 | 12.5  | 20.1     | 1945 | 12.1  | 15.5     | 1970 | 11.1  | 12.6     |
| 1925 | 11.7  | 19.2     | 1950 | 11.0  | 14.3     | 1975 | 10.2  | 11.2     |
| 1930 | 11.8  | 18.2     | 1955 | 10.4  | 13.8     | 1980 | 10.0  | 10.5     |
|      |       |          |      |       |          | 1985 | 10.0  | 10.0     |
|      |       |          |      |       |          | 1990 | 9.8   | 9.5      |
|      |       |          |      |       |          | 1995 | 10.2  | 9.7      |
|      |       |          |      |       |          | 2000 | 9.8   | 9.2      |
|      |       |          |      |       |          | 2005 | 9.4   | 8.7      |
|      |       |          |      |       |          | 2010 | 9.2   | 8.2      |
|      |       |          |      |       |          | 2011 | 9.3   | 8.1      |

\*United States 2000 population distribution used as the standard.

**Table 4. Age-Specific Death Rates per 1,000 Population: Missouri, 1911-2011**

| Year | Total* | Under 1 | 1-4  | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+   |
|------|--------|---------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1911 | 22.1   | 99.6    | 12.3 | 2.7  | 4.8   | 6.9   | 8.8   | 13.5  | 24.4  | 52.4  | 118.8 | 247.6 |
| 1920 | 20.1   | 87.1    | 10.4 | 2.8  | 5.0   | 7.0   | 7.9   | 11.2  | 21.1  | 47.0  | 104.2 | 249.0 |
| 1930 | 18.2   | 63.9    | 5.1  | 1.8  | 3.3   | 4.4   | 6.4   | 11.9  | 22.2  | 49.5  | 110.0 | 190.0 |
| 1940 | 16.7   | 51.6    | 3.3  | 1.0  | 1.9   | 2.8   | 4.9   | 9.8   | 20.4  | 44.8  | 110.0 | 207.2 |
| 1950 | 14.3   | 33.4    | 1.5  | 0.6  | 1.2   | 1.7   | 3.4   | 8.1   | 18.1  | 38.9  | 94.3  | 210.4 |
| 1960 | 13.2   | 25.5    | 1.0  | 0.4  | 1.1   | 1.5   | 2.9   | 7.2   | 16.6  | 37.1  | 86.5  | 201.1 |
| 1970 | 12.6   | 20.8    | 0.8  | 0.4  | 1.4   | 1.6   | 3.2   | 7.2   | 16.6  | 35.8  | 81.8  | 181.9 |
| 1975 | 11.2   | 16.4    | 0.6  | 0.3  | 1.2   | 1.4   | 2.6   | 6.5   | 14.6  | 32.4  | 71.9  | 170.6 |
| 1980 | 10.5   | 12.3    | 0.7  | 0.3  | 1.3   | 1.3   | 2.2   | 5.8   | 13.4  | 30.5  | 67.1  | 162.4 |
| 1985 | 10.0   | 10.2    | 0.5  | 0.2  | 1.0   | 1.2   | 1.8   | 5.1   | 13.3  | 28.5  | 65.8  | 161.4 |
| 1990 | 9.4    | 9.4     | 0.5  | 0.3  | 1.1   | 1.3   | 2.0   | 4.5   | 12.5  | 26.8  | 60.9  | 154.5 |
| 1991 | 9.4    | 10.2    | 0.5  | 0.3  | 1.1   | 1.4   | 2.1   | 4.7   | 12.2  | 26.9  | 59.9  | 150.2 |
| 1992 | 9.3    | 8.5     | 0.5  | 0.3  | 1.1   | 1.4   | 2.2   | 4.5   | 12.0  | 26.6  | 59.8  | 148.8 |
| 1993 | 9.7    | 8.4     | 0.5  | 0.2  | 1.1   | 1.4   | 2.1   | 4.6   | 12.2  | 27.4  | 62.9  | 159.1 |
| 1994 | 9.6    | 8.1     | 0.4  | 0.2  | 1.2   | 1.4   | 2.2   | 4.8   | 11.9  | 26.8  | 60.8  | 159.3 |
| 1995 | 9.7    | 7.4     | 0.4  | 0.3  | 1.1   | 1.4   | 2.3   | 4.8   | 11.7  | 27.3  | 60.9  | 159.5 |
| 1996 | 9.5    | 7.6     | 0.4  | 0.3  | 1.0   | 1.2   | 2.3   | 4.5   | 11.2  | 26.5  | 60.6  | 158.2 |
| 1997 | 9.5    | 7.6     | 0.4  | 0.2  | 1.0   | 1.2   | 2.0   | 4.5   | 11.5  | 26.6  | 59.7  | 160.8 |
| 1998 | 9.4    | 7.6     | 0.4  | 0.2  | 0.9   | 1.2   | 2.1   | 4.4   | 11.0  | 26.5  | 60.6  | 163.5 |
| 1999 | 9.5    | 7.7     | 0.3  | 0.2  | 0.9   | 1.2   | 2.2   | 4.4   | 10.9  | 26.7  | 61.3  | 165.5 |
| 2000 | 9.2    | 7.2     | 0.3  | 0.2  | 1.0   | 1.1   | 2.1   | 4.4   | 10.6  | 25.5  | 59.5  | 162.2 |
| 2001 | 9.1    | 7.4     | 0.4  | 0.2  | 1.0   | 1.1   | 2.2   | 4.4   | 10.2  | 24.8  | 59.0  | 161.9 |
| 2002 | 9.1    | 8.5     | 0.4  | 0.2  | 1.0   | 1.1   | 2.2   | 4.6   | 10.1  | 25.0  | 59.1  | 164.3 |
| 2003 | 9.0    | 7.8     | 0.4  | 0.2  | 0.9   | 1.1   | 2.2   | 4.7   | 10.1  | 24.3  | 58.0  | 160.8 |
| 2004 | 8.7    | 7.5     | 0.4  | 0.2  | 0.9   | 1.1   | 2.1   | 4.5   | 9.9   | 23.3  | 56.0  | 154.9 |
| 2005 | 8.7    | 7.5     | 0.3  | 0.2  | 1.0   | 1.2   | 2.2   | 4.8   | 9.5   | 22.8  | 56.0  | 153.9 |
| 2006 | 8.6    | 7.4     | 0.3  | 0.2  | 1.0   | 1.3   | 2.2   | 4.7   | 9.6   | 22.2  | 54.6  | 151.8 |
| 2007 | 8.3    | 7.5     | 0.4  | 0.2  | 0.9   | 1.2   | 2.0   | 4.6   | 9.1   | 21.6  | 53.6  | 150.2 |
| 2008 | 8.6    | 7.2     | 0.3  | 0.2  | 0.9   | 1.2   | 2.1   | 4.8   | 9.7   | 21.7  | 54.7  | 156.1 |
| 2009 | 8.1    | 7.2     | 0.4  | 0.1  | 0.9   | 1.3   | 2.0   | 4.7   | 9.5   | 20.6  | 51.8  | 142.5 |
| 2010 | 8.2    | 6.6     | 0.2  | 0.1  | 0.9   | 1.3   | 2.1   | 4.7   | 9.3   | 20.8  | 51.6  | 146.9 |
| 2011 | 8.1    | 6.3     | 0.3  | 0.1  | 0.9   | 1.3   | 2.0   | 4.7   | 9.5   | 20.6  | 51.0  | 143.4 |

\*Age-Adjusted Death Rate using United States 2000 population distribution as the standard.

**Table 5A. Resident Live Births By Selected Characteristics By Race And Hispanic Origin of Mother: Missouri, 2011**

|                       | All Races | White Non-Hisp | Black Non-Hisp | Other Non-Hisp* | Hispanic, Any Race |
|-----------------------|-----------|----------------|----------------|-----------------|--------------------|
| <b>Total</b>          | 76,069    | 56,831         | 10,934         | 4,124           | 4,110              |
| <b>Gender</b>         |           |                |                |                 |                    |
| Male                  | 39,079    | 29,251         | 5,587          | 2,136           | 2,070              |
| Female                | 36,990    | 27,580         | 5,347          | 1,988           | 2,040              |
| <b>Attendant</b>      |           |                |                |                 |                    |
| MD                    | 62,497    | 46,038         | 9,802          | 3,453           | 3,148              |
| DO                    | 10,108    | 8,055          | 904            | 509             | 634                |
| CNM/CM                | 2,466     | 1,814          | 195            | 142             | 314                |
| Other Midwife         | 606       | 583            | 5              | 10              | 6                  |
| Other                 | 392       | 341            | 28             | 10              | 8                  |
| <b>Birthplace</b>     |           |                |                |                 |                    |
| Hospital              | 74,867    | 55,720         | 10,889         | 4,099           | 4,091              |
| Birthing Center       | 60        | 53             | 2              | 4               | 1                  |
| Clinic                | 75        | 75             | 0              | 0               | 0                  |
| Home Residence        | 988       | 919            | 33             | 17              | 17                 |
| ...Planned            | 895       | 865            | 5              | 11              | 12                 |
| ...Unplanned          | 79        | 42             | 28             | 6               | 3                  |
| Other                 | 79        | 64             | 10             | 4               | 1                  |
| <b>Month of Birth</b> |           |                |                |                 |                    |
| January               | 6,068     | 4,482          | 940            | 311             | 331                |
| February              | 5,805     | 4,274          | 929            | 295             | 303                |
| March                 | 6,254     | 4,711          | 898            | 338             | 303                |
| April                 | 6,037     | 4,586          | 789            | 323             | 338                |
| May                   | 6,330     | 4,760          | 879            | 329             | 357                |
| June                  | 6,709     | 5,085          | 890            | 390             | 334                |
| July                  | 6,644     | 4,990          | 902            | 357             | 385                |
| August                | 7,109     | 5,372          | 967            | 379             | 384                |
| September             | 6,661     | 4,933          | 990            | 359             | 370                |
| October               | 6,274     | 4,681          | 884            | 365             | 338                |
| November              | 5,948     | 4,403          | 898            | 327             | 315                |
| December              | 6,230     | 4,554          | 968            | 351             | 352                |
| <b>Number Born</b>    |           |                |                |                 |                    |
| Singleton             | 73,387    | 54,862         | 10,458         | 3,985           | 4,016              |
| Twin                  | 2,576     | 1,879          | 463            | 136             | 94                 |
| Triplet               | 97        | 81             | 13             | 3               | 0                  |
| Quadruplet or More    | 9         | 9              | 0              | 0               | 0                  |

\*: Includes Births from Mothers of Multiple Races

|  | All Races | White Non-Hisp | Black Non-Hisp | Other Non-Hisp* | Hispanic, Any Race |
|--|-----------|----------------|----------------|-----------------|--------------------|
| <b>Previous Non-Live Birth Outcomes</b>        |           |                |                |                 |                    |
| None   | 54,182    | 41,010         | 7,196          | 2,935           | 2,990              |
| One  | 13,987    | 10,206         | 2,284          | 731             | 761                |
| Two or More                                    | 7,017     | 4,967          | 1,337          | 396             | 310                |
| Unknown  | 883       | 648            | 117            | 62              | 49                 |
| <b>Maternal Smoking</b>                        |           |                |                |                 |                    |
| Non-smoker                                     | 56,600    | 41,067         | 8,666          | 3,241           | 3,589              |
| 3 Months Prior                                 | 18,638    | 15,297         | 2,065          | 821             | 450                |
| During Pregnancy                               | 13,803    | 11,321         | 1,570          | 615             | 294                |
| ...First Trimester                             | 13,356    | 10,983         | 1,502          | 582             | 286                |
| ...Second Trimester                            | 11,426    | 9,467          | 1,239          | 494             | 223                |
| ...Last 3 Months                               | 10,861    | 9,040          | 1,145          | 466             | 207                |
| ...Smoked Pack per Day                         | 1,906     | 1,610          | 194            | 70              | 32                 |
| ...Quit Smoking                                | 2,903     | 2,254          | 419            | 145             | 85                 |
| Status Unknown                                 | 673       | 354            | 177            | 48              | 66                 |
| <b>Full-Term Singleton</b>                     |           |                |                |                 |                    |
| <b>Maternal Weight Gain</b>                    |           |                |                |                 |                    |
| Less than 15 Pounds                            | 6,961     | 4,944          | 1,162          | 387             | 467                |
| 15 to 24 Pounds                                | 10,456    | 7,689          | 1,486          | 583             | 691                |
| 25 to 34 Pounds                                | 17,784    | 13,603         | 2,118          | 1,017           | 1,035              |
| 35 to 44 Pounds                                | 14,764    | 11,643         | 1,667          | 804             | 642                |
| 45 or More Pounds                              | 12,798    | 9,996          | 1,710          | 588             | 500                |
| Unknown  | 3,021     | 1,945          | 621            | 192             | 240                |
| <b>Maternal Weight Status Before Pregnancy</b> |           |                |                |                 |                    |
| Underweight                                    | 3,276     | 2,478          | 409            | 263             | 125                |
| Normal   | 35,410    | 27,485         | 4,086          | 2,153           | 1,666              |
| Overweight                                     | 17,761    | 13,051         | 2,807          | 836             | 1,061              |
| Obese  | 17,814    | 12,906         | 3,260          | 749             | 889                |
| <b>Principal Payment Source</b>                |           |                |                |                 |                    |
| Medicaid                                       | 33,018    | 20,666         | 8,194          | 1,821           | 2,308              |
| Private Insurance                              | 36,543    | 31,486         | 2,088          | 1,888           | 1,055              |
| Self-pay                                       | 2,279     | 1,559          | 134            | 140             | 440                |
| Other  | 1,505     | 1,124          | 167            | 94              | 117                |
| Unknown  | 2,724     | 1,996          | 351            | 181             | 190                |

Table 5B. Resident Live Births By Selected Obstetric, Pediatric, and Maternal Conditions And Procedures: Missouri, 2011

|  | Number | Percent |
|--|--------|---------|
| <u>Live Births</u>                           | 76,069 | 100.0   |
| <u>Pregnancy Risk Factors</u>                | 20,349 | 26.8    |
| ...Pregnancy Diabetes                        | 558    | 0.7     |
| ...Gestational Diabetes                      | 3,795  | 5.0     |
| ...Insulin-dependent Diabetes                | 495    | 0.7     |
| ...Pregnancy Hypertension                    | 1,253  | 1.6     |
| ...Gestational Hypertension                  | 3,803  | 5.0     |
| ...Eclampsia                                 | 331    | 0.4     |
| ...Previous Preterm Births                   | 2,158  | 2.8     |
| ...Other Poor Pregnancy Outcomes             | 1,289  | 1.7     |
| ...Infertility Treatment                     | 819    | 1.1     |
| ...Previous Cesarean Delivery                | 10,334 | 13.6    |
| <u>Infections</u>                            | 2,127  | 2.8     |
| ...Gonorrhea                                 | 309    | 0.4     |
| ...Syphilis                                  | 39     | 0.1     |
| ...Chlamydia                                 | 1,581  | 2.1     |
| ...Hepatitis B                               | 108    | 0.1     |
| ...Hepatitis C                               | 264    | 0.3     |
| ...HIV                                       | 41     | 0.1     |
| <u>Obstetric Procedures</u>                  | 1,590  | 2.1     |
| ...Cervical Cerclage                         | 260    | 0.3     |
| ...Tocolysis                                 | 1,245  | 1.6     |
| ...External Cephalic Version                 | 157    | 0.2     |
| ...Successful*                               | 83     | 52.9    |
| <u>Onset of Labor</u>                        | 6,675  | 8.8     |
| ...Premature Membrane Rupture                | 2,907  | 3.8     |
| ...Precipitous Labor                         | 2,916  | 3.8     |
| ...Prolonged Labor                           | 1,161  | 1.5     |
| <u>Characteristics of Labor</u>              | 66,104 | 86.9    |
| ...Induction of Labor                        | 24,851 | 32.7    |
| ...Augmentation of Labor                     | 17,365 | 22.8    |
| ...Non-vertex Presentation                   | 1,507  | 2.0     |
| ...Steroids for Lung Maturation              | 1,332  | 1.8     |
| ...Antibiotics for Mother                    | 15,987 | 21.0    |
| ...Clinical Chorioamnionitis                 | 1,060  | 1.4     |
| ...Meconium Staining                         | 3,697  | 4.9     |
| ...Fetal Intolerance of Labor                | 3,110  | 4.1     |
| ...Epidural Given                            | 57,335 | 75.4    |
| <u>Final Delivery Route and Method</u>       |        |         |
| ...Vaginal/Spontaneous                       | 48,636 | 63.9    |
| ...Vaginal/Forceps                           | 715    | 0.9     |
| ...Vaginal/Vacuum                            | 2,472  | 3.2     |
| ...Cesarean                                  | 23,760 | 31.2    |
| ...Vaginal Trial Prior to Cesarean**         | 8,257  | 34.8    |
| ...Attempted Forceps                         | 428    | 0.6     |
| ...Attempted Vacuum                          | 701    | 0.9     |
| ...Vaginal After Previous Cesarean (VBAC)*** | 1,463  | 14.2    |
| <u>Fetal Presentation:</u>                   |        |         |
| ...Cephalic                                  | 67,637 | 88.9    |
| ...Breech                                    | 2,841  | 3.7     |
| ...Other                                     | 2,866  | 3.8     |
| <u>Abnormal Conditions of Newborn</u>        | 7,638  | 10.0    |
| ...Assisted Ventilation, Immediate           | 3,932  | 5.2     |
| ...Assisted Ventilation, Long-term           | 1,050  | 1.4     |
| ...NICU Admission                            | 4,962  | 6.5     |
| ...Surfactant Therapy                        | 502    | 0.7     |
| ...Antibiotics for Suspected Sepsis          | 1,688  | 2.2     |
| ...Seizures or Neurological Problems         | 38     | 0.0     |
| ...Birth Injury                              | 87     | 0.1     |
| <u>Congenital Anomalies</u>                  | 399    | 0.5     |
| ...Anencephaly                               | 10     | 0.0     |
| ...Spina Bifida                              | 27     | 0.0     |
| ...Cyanotic Heart Disease                    | 67     | 0.1     |
| ...Diaphragmatic Hernia                      | 9      | 0.0     |
| ...Omphalocele                               | 19     | 0.0     |
| ...Gastrochisis                              | 35     | 0.0     |
| ...Limb Reduction                            | 10     | 0.0     |
| ...Cleft Lip (with or without Cleft Palate)  | 52     | 0.1     |
| ...Cleft Palate (alone)                      | 18     | 0.0     |
| ...Down Syndrome                             | 57     | 0.1     |
| ...Other Chromosomal Disorder                | 36     | 0.0     |
| ...Hypospadias                               | 83     | 0.1     |
| <u>Maternal Morbidity</u>                    | 1,266  | 1.7     |
| ...Maternal Transfusion                      | 273    | 0.4     |
| ...Perinatal Laceration (3rd or 4th degree)  | 785    | 1.0     |
| ...Ruptured Uterus                           | 30     | 0.0     |
| ...Unplanned Hysterectomy                    | 33     | 0.0     |
| ...Admission to ICU                          | 93     | 0.1     |
| ...Unplanned OR Procedure                    | 177    | 0.2     |

\* : Percent of Cephalic Version

\*\* : Percent of Cesarean Births

\*\*\*: Percent of Previous Cesarean Deliveries

**Table 6. Resident Live Births By Race and Age of Mother By Marital Status and Live Birth Order: Missouri, 2011**

|                            | All Live Births |                  |        |        |       |             | Out-of-Wedlock Births |                  |       |       |       |             |
|----------------------------|-----------------|------------------|--------|--------|-------|-------------|-----------------------|------------------|-------|-------|-------|-------------|
|                            | Total           | Live Birth Order |        |        |       |             | Total                 | Live Birth Order |       |       |       |             |
|                            |                 | 1st              | 2nd    | 3rd    | 4th   | 5th or More |                       | 1st              | 2nd   | 3rd   | 4th   | 5th or More |
| <b>All Races</b>           | 76,069          | 30,887           | 23,740 | 12,548 | 5,172 | 3,722       | 30,520                | 14,863           | 8,084 | 4,275 | 1,899 | 1,399       |
| Under 15                   | 61              | 59               | 2      | 0      | 0     | 0           | 61                    | 59               | 2     | 0     | 0     | 0           |
| 15-17                      | 1,870           | 1,743            | 117    | 9      | 1     | 0           | 1,768                 | 1,651            | 107   | 9     | 1     | 0           |
| 18-19                      | 5,067           | 3,984            | 927    | 135    | 17    | 4           | 4,300                 | 3,441            | 738   | 107   | 11    | 3           |
| 20-24                      | 20,180          | 10,023           | 6,705  | 2,509  | 698   | 245         | 12,445                | 6,531            | 3,842 | 1,478 | 426   | 168         |
| 25-29                      | 23,219          | 8,702            | 7,637  | 4,186  | 1,753 | 941         | 7,018                 | 2,059            | 2,190 | 1,535 | 767   | 467         |
| 30-34                      | 17,509          | 4,701            | 6,057  | 3,757  | 1,688 | 1,306       | 3,334                 | 752              | 866   | 804   | 465   | 447         |
| 35-39                      | 6,670           | 1,365            | 1,901  | 1,661  | 834   | 909         | 1,279                 | 289              | 269   | 284   | 181   | 256         |
| 40-44                      | 1,391           | 277              | 369    | 278    | 175   | 292         | 291                   | 70               | 65    | 53    | 46    | 57          |
| 45 and Over                | 82              | 23               | 22     | 9      | 5     | 23          | 8                     | 3                | 3     | 1     | 1     | 0           |
| Unknown                    | 20              | 10               | 3      | 4      | 1     | 2           | 16                    | 8                | 2     | 4     | 1     | 1           |
| <b>White, Non-Hispanic</b> | 56,831          | 23,551           | 18,204 | 9,256  | 3,497 | 2,323       | 18,326                | 9,802            | 4,765 | 2,361 | 877   | 521         |
| Under 15                   | 30              | 29               | 1      | 0      | 0     | 0           | 30                    | 29               | 1     | 0     | 0     | 0           |
| 15-17                      | 1,098           | 1,048            | 47     | 3      | 0     | 0           | 1,018                 | 976              | 39    | 3     | 0     | 0           |
| 18-19                      | 3,335           | 2,724            | 547    | 55     | 6     | 3           | 2,700                 | 2,262            | 395   | 38    | 3     | 2           |
| 20-24                      | 14,251          | 7,391            | 4,754  | 1,599  | 398   | 109         | 7,676                 | 4,375            | 2,288 | 768   | 190   | 55          |
| 25-29                      | 18,023          | 7,207            | 6,026  | 3,109  | 1,137 | 544         | 4,093                 | 1,390            | 1,292 | 878   | 355   | 178         |
| 30-34                      | 13,923          | 3,865            | 5,027  | 2,994  | 1,206 | 831         | 1,919                 | 518              | 543   | 483   | 211   | 164         |
| 35-39                      | 5,034           | 1,049            | 1,490  | 1,271  | 619   | 605         | 705                   | 194              | 159   | 154   | 93    | 105         |
| 40-44                      | 1,065           | 214              | 297    | 216    | 128   | 210         | 169                   | 49               | 46    | 33    | 25    | 16          |
| 45 and Over                | 58              | 16               | 14     | 5      | 3     | 20          | 3                     | 2                | 1     | 0     | 0     | 0           |
| Unknown                    | 14              | 8                | 1      | 4      | 0     | 1           | 13                    | 7                | 1     | 4     | 0     | 1           |
| <b>Black, Non-Hispanic</b> | 10,934          | 4,113            | 3,036  | 1,829  | 1,005 | 951         | 8,601                 | 3,536            | 2,347 | 1,332 | 703   | 683         |
| Under 15                   | 22              | 21               | 1      | 0      | 0     | 0           | 22                    | 21               | 1     | 0     | 0     | 0           |
| 15-17                      | 504             | 448              | 50     | 5      | 1     | 0           | 502                   | 447              | 49    | 5     | 1     | 0           |
| 18-19                      | 1,181           | 858              | 257    | 61     | 4     | 1           | 1,149                 | 838              | 248   | 58    | 4     | 1           |
| 20-24                      | 3,872           | 1,687            | 1,255  | 604    | 213   | 113         | 3,487                 | 1,556            | 1,127 | 523   | 182   | 99          |
| 25-29                      | 2,827           | 658              | 862    | 622    | 396   | 289         | 2,062                 | 459              | 625   | 462   | 288   | 228         |
| 30-34                      | 1,630           | 291              | 422    | 342    | 259   | 316         | 936                   | 143              | 213   | 200   | 159   | 221         |
| 35-39                      | 727             | 117              | 156    | 169    | 106   | 179         | 353                   | 56               | 69    | 73    | 53    | 102         |
| 40-44                      | 157             | 29               | 29     | 26     | 23    | 50          | 86                    | 15               | 14    | 11    | 14    | 32          |
| 45 and Over                | 11              | 4                | 3      | 0      | 2     | 2           | 2                     | 1                | 0     | 0     | 1     | 0           |
| Unknown                    | 3               | 0                | 1      | 0      | 1     | 1           | 2                     | 0                | 1     | 0     | 1     | 0           |

**Table 7. Teen-Age Resident Live Births By Race and Age of Mother By Marital Status and Live Birth Order with Percentages: Missouri, 2011**

|                            | All Live Births |                  |       |             | Out-of-Wedlock Births |                  |     |             | Percent Out-of-Wedlock |                  |       |             |
|----------------------------|-----------------|------------------|-------|-------------|-----------------------|------------------|-----|-------------|------------------------|------------------|-------|-------------|
|                            | Total           | Live Birth Order |       |             | Total                 | Live Birth Order |     |             | Total                  | Live Birth Order |       |             |
|                            |                 | 1st              | 2nd   | 3rd or More |                       | 1st              | 2nd | 3rd or More |                        | 1st              | 2nd   | 3rd or More |
| <b>All Races</b>           | 6,998           | 5,786            | 1,046 | 166         | 6,129                 | 5,151            | 847 | 131         | 87.6                   | 89.0             | 81.0  | 78.9        |
| 10                         | 0               | 0                | 0     | 0           | 0                     | 0                | 0   | 0           | ---                    | ---              | ---   | ---         |
| 11                         | 0               | 0                | 0     | 0           | 0                     | 0                | 0   | 0           | ---                    | ---              | ---   | ---         |
| 12                         | 1               | 1                | 0     | 0           | 1                     | 1                | 0   | 0           | 100.0                  | 100.0            | ---   | ---         |
| 13                         | 5               | 5                | 0     | 0           | 5                     | 5                | 0   | 0           | 100.0                  | 100.0            | ---   | ---         |
| 14                         | 55              | 53               | 2     | 0           | 55                    | 53               | 2   | 0           | 100.0                  | 100.0            | 100.0 | ---         |
| 15                         | 214             | 208              | 6     | 0           | 207                   | 201              | 6   | 0           | 96.7                   | 96.6             | 100.0 | ---         |
| 16                         | 515             | 492              | 22    | 1           | 492                   | 469              | 22  | 1           | 95.5                   | 95.3             | 100.0 | 100.0       |
| 17                         | 1,141           | 1,043            | 89    | 9           | 1,069                 | 981              | 79  | 9           | 93.7                   | 94.1             | 88.8  | 100.0       |
| 18                         | 1,919           | 1,616            | 274   | 29          | 1,706                 | 1,453            | 227 | 26          | 88.9                   | 89.9             | 82.8  | 89.7        |
| 19                         | 3,148           | 2,368            | 653   | 127         | 2,594                 | 1,988            | 511 | 95          | 82.4                   | 84.0             | 78.3  | 74.8        |
| <b>White, Non-Hispanic</b> | 4,463           | 3,801            | 595   | 67          | 3,748                 | 3,267            | 435 | 46          | 84.0                   | 86.0             | 73.1  | 68.7        |
| 10                         | 0               | 0                | 0     | 0           | 0                     | 0                | 0   | 0           | ---                    | ---              | ---   | ---         |
| 11                         | 0               | 0                | 0     | 0           | 0                     | 0                | 0   | 0           | ---                    | ---              | ---   | ---         |
| 12                         | 1               | 1                | 0     | 0           | 1                     | 1                | 0   | 0           | 100.0                  | 100.0            | ---   | ---         |
| 13                         | 2               | 2                | 0     | 0           | 2                     | 2                | 0   | 0           | 100.0                  | 100.0            | ---   | ---         |
| 14                         | 27              | 26               | 1     | 0           | 27                    | 26               | 1   | 0           | 100.0                  | 100.0            | 100.0 | ---         |
| 15                         | 95              | 94               | 1     | 0           | 88                    | 87               | 1   | 0           | 92.6                   | 92.6             | 100.0 | ---         |
| 16                         | 305             | 295              | 10    | 0           | 288                   | 278              | 10  | 0           | 94.4                   | 94.2             | 100.0 | ---         |
| 17                         | 698             | 659              | 36    | 3           | 642                   | 611              | 28  | 3           | 92.0                   | 92.7             | 77.8  | 100.0       |
| 18                         | 1,239           | 1,077            | 152   | 10          | 1,062                 | 936              | 117 | 9           | 85.7                   | 86.9             | 77.0  | 90.0        |
| 19                         | 2,096           | 1,647            | 395   | 54          | 1,638                 | 1,326            | 278 | 34          | 78.1                   | 80.5             | 70.4  | 63.0        |
| <b>Black, Non-Hispanic</b> | 1,707           | 1,327            | 308   | 72          | 1,673                 | 1,306            | 298 | 69          | 98.0                   | 98.4             | 96.8  | 95.8        |
| 10                         | 0               | 0                | 0     | 0           | 0                     | 0                | 0   | 0           | ---                    | ---              | ---   | ---         |
| 11                         | 0               | 0                | 0     | 0           | 0                     | 0                | 0   | 0           | ---                    | ---              | ---   | ---         |
| 12                         | 0               | 0                | 0     | 0           | 0                     | 0                | 0   | 0           | ---                    | ---              | ---   | ---         |
| 13                         | 3               | 3                | 0     | 0           | 3                     | 3                | 0   | 0           | 100.0                  | 100.0            | ---   | ---         |
| 14                         | 19              | 18               | 1     | 0           | 19                    | 18               | 1   | 0           | 100.0                  | 100.0            | 100.0 | ---         |
| 15                         | 85              | 81               | 4     | 0           | 85                    | 81               | 4   | 0           | 100.0                  | 100.0            | 100.0 | ---         |
| 16                         | 145             | 134              | 10    | 1           | 144                   | 133              | 10  | 1           | 99.3                   | 99.3             | 100.0 | 100.0       |
| 17                         | 274             | 233              | 36    | 5           | 273                   | 233              | 35  | 5           | 99.6                   | 100.0            | 97.2  | 100.0       |
| 18                         | 463             | 369              | 81    | 13          | 456                   | 363              | 80  | 13          | 98.5                   | 98.4             | 98.8  | 100.0       |
| 19                         | 718             | 489              | 176   | 53          | 693                   | 475              | 168 | 50          | 96.5                   | 97.1             | 95.5  | 94.3        |



**Table 8. Percent Resident Low Birth Weight And Resident Live Births By Birth Weight  
By Race and Age of Mother: Missouri, 2011**

|                     | Percent<br>Low Birth<br>Weight | Total  | Birth Weight (Grams) |         |               |               |               |               |               |               |               |                 |         |  |
|---------------------|--------------------------------|--------|----------------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|---------|--|
|                     |                                |        | Less<br>Than 500     | 500-999 | 1000-<br>1499 | 1500-<br>1999 | 2000-<br>2499 | 2500-<br>2999 | 3000-<br>3499 | 3500-<br>3999 | 4000-<br>4499 | 4500 or<br>More | Unknown |  |
| <b>All Races</b>    | 7.9                            | 76,069 | 131                  | 351     | 567           | 1,167         | 3,799         | 13,566        | 29,259        | 20,812        | 5,312         | 828             | 277     |  |
| Under 15            | 10.0                           | 61     | 0                    | 0       | 1             | 2             | 3             | 17            | 20            | 13            | 3             | 1               | 1       |  |
| 15-17               | 10.5                           | 1,870  | 9                    | 13      | 14            | 31            | 128           | 420           | 764           | 381           | 91            | 10              | 9       |  |
| 18-19               | 9.5                            | 5,067  | 11                   | 21      | 40            | 96            | 314           | 1,168         | 2,045         | 1,151         | 184           | 21              | 16      |  |
| 20-24               | 8.5                            | 20,180 | 51                   | 104     | 153           | 304           | 1,101         | 4,081         | 8,175         | 4,944         | 1,078         | 136             | 53      |  |
| 25-29               | 7.0                            | 23,219 | 28                   | 102     | 160           | 306           | 1,012         | 3,852         | 8,974         | 6,707         | 1,739         | 252             | 87      |  |
| 30-34               | 7.4                            | 17,509 | 24                   | 74      | 135           | 248           | 816           | 2,681         | 6,431         | 5,258         | 1,500         | 275             | 67      |  |
| 35-39               | 8.5                            | 6,670  | 6                    | 28      | 44            | 142           | 345           | 1,082         | 2,345         | 1,942         | 595           | 110             | 31      |  |
| 40 and Over         | 10.1                           | 1,473  | 2                    | 8       | 20            | 38            | 79            | 259           | 498           | 411           | 122           | 23              | 13      |  |
| <b>White,</b>       | 6.7                            | 56,831 | 52                   | 182     | 343           | 789           | 2,446         | 9,077         | 21,845        | 16,723        | 4,479         | 684             | 211     |  |
| <b>Non-Hispanic</b> | 6.9                            | 30     | 0                    | 0       | 0             | 0             | 2             | 5             | 11            | 8             | 2             | 1               | 1       |  |
| Under 15            | 7.1                            | 1,098  | 3                    | 5       | 4             | 13            | 52            | 215           | 463           | 264           | 67            | 5               | 7       |  |
| 15-17               | 7.8                            | 3,335  | 4                    | 10      | 15            | 54            | 178           | 686           | 1,369         | 849           | 144           | 16              | 10      |  |
| 18-19               | 6.7                            | 14,251 | 14                   | 45      | 80            | 186           | 627           | 2,559         | 5,860         | 3,850         | 870           | 115             | 45      |  |
| 20-24               | 6.1                            | 18,023 | 14                   | 65      | 103           | 224           | 689           | 2,719         | 6,956         | 5,488         | 1,486         | 216             | 63      |  |
| 25-29               | 6.6                            | 13,923 | 15                   | 39      | 96            | 181           | 585           | 1,984         | 5,053         | 4,389         | 1,301         | 229             | 51      |  |
| 30-34               | 8.0                            | 5,034  | 2                    | 13      | 30            | 101           | 257           | 721           | 1,762         | 1,539         | 503           | 83              | 23      |  |
| 35-39               | 9.4                            | 1,123  | 0                    | 4       | 15            | 30            | 55            | 184           | 366           | 333           | 106           | 19              | 11      |  |
| 40 and Over         | 14.4                           | 10,934 | 67                   | 127     | 168           | 287           | 925           | 2,914         | 4,139         | 1,874         | 352           | 52              | 29      |  |
| <b>Black,</b>       | 18.2                           | 22     | 0                    | 0       | 1             | 2             | 1             | 7             | 9             | 1             | 1             | 0               | 0       |  |
| <b>Non-Hispanic</b> | 17.5                           | 504    | 6                    | 5       | 8             | 15            | 54            | 155           | 185           | 63            | 10            | 2               | 1       |  |
| Under 15            | 15.5                           | 1,181  | 6                    | 10      | 22            | 33            | 111           | 356           | 446           | 169           | 21            | 3               | 4       |  |
| 15-17               | 15.3                           | 3,872  | 32                   | 45      | 58            | 97            | 361           | 1,107         | 1,459         | 594           | 106           | 7               | 6       |  |
| 18-19               | 12.4                           | 2,827  | 9                    | 31      | 38            | 65            | 206           | 708           | 1,105         | 530           | 106           | 18              | 11      |  |
| 20-24               | 14.3                           | 1,630  | 8                    | 26      | 26            | 42            | 130           | 356           | 622           | 340           | 66            | 12              | 2       |  |
| 25-29               | 13.4                           | 727    | 4                    | 8       | 10            | 28            | 47            | 179           | 255           | 148           | 35            | 10              | 3       |  |
| 30-34               | 17.5                           | 168    | 2                    | 2       | 5             | 5             | 15            | 44            | 57            | 29            | 7             | 0               | 2       |  |
| 35-39               |                                |        |                      |         |               |               |               |               |               |               |               |                 |         |  |
| 40 and Over         |                                |        |                      |         |               |               |               |               |               |               |               |                 |         |  |

**Table 9. Resident Live Births By Marital Status By Race of Mother  
with Percentages By County And Cities with 25,000 or More Population: Missouri, 2011**

| Counties       | All Live Births |                        |                        | Out-of-Wedlock Births |                        |                        | Percent Out-of-Wedlock |                        |                        |
|----------------|-----------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                | All Races       | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races             | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races              | White,<br>Non-Hispanic | Black,<br>Non-Hispanic |
|                |                 | 76,069                 | 56,831                 |                       | 10,934                 | 30,520                 |                        | 18,326                 | 8,601                  |
| State Total    | 76,069          | 56,831                 | 10,934                 | 30,520                | 18,326                 | 8,601                  | 40.1                   | 32.2                   | 78.7                   |
| Adair          | 266             | 246                    | 4                      | 82                    | 72                     | 2                      | 30.8                   | 29.3                   | 50.0                   |
| Andrew         | 180             | 165                    | 4                      | 66                    | 60                     | 3                      | 36.7                   | 36.4                   | 75.0                   |
| Atchison       | 55              | 54                     | 0                      | 19                    | 18                     | 0                      | 34.5                   | 33.3                   | ---                    |
| Audrain        | 360             | 320                    | 19                     | 162                   | 136                    | 16                     | 45.0                   | 42.5                   | 84.2                   |
| Barry          | 426             | 341                    | 2                      | 187                   | 149                    | 2                      | 43.9                   | 43.7                   | 100.0                  |
| Barton         | 143             | 131                    | 0                      | 38                    | 33                     | 0                      | 26.6                   | 25.2                   | ---                    |
| Bates          | 198             | 187                    | 0                      | 67                    | 63                     | 0                      | 33.8                   | 33.7                   | ---                    |
| Benton         | 167             | 162                    | 0                      | 74                    | 70                     | 0                      | 44.3                   | 43.2                   | ---                    |
| Bollinger      | 146             | 143                    | 0                      | 56                    | 55                     | 0                      | 38.4                   | 38.5                   | ---                    |
| Boone          | 2,112           | 1,583                  | 254                    | 678                   | 392                    | 192                    | 32.1                   | 24.8                   | 75.6                   |
| Buchanan       | 1,215           | 985                    | 56                     | 644                   | 493                    | 47                     | 53.0                   | 50.1                   | 83.9                   |
| Butler         | 569             | 500                    | 25                     | 279                   | 234                    | 21                     | 49.0                   | 46.8                   | 84.0                   |
| Caldwell       | 90              | 88                     | 0                      | 33                    | 31                     | 0                      | 36.7                   | 35.2                   | ---                    |
| Callaway       | 500             | 458                    | 16                     | 214                   | 187                    | 12                     | 42.8                   | 40.8                   | 75.0                   |
| Camden         | 413             | 384                    | 0                      | 149                   | 136                    | 0                      | 36.1                   | 35.4                   | ---                    |
| Cape Girardeau | 897             | 721                    | 110                    | 382                   | 260                    | 93                     | 42.6                   | 36.1                   | 84.5                   |
| Carroll        | 119             | 112                    | 0                      | 45                    | 43                     | 0                      | 37.8                   | 38.4                   | ---                    |
| Carter         | 64              | 62                     | 0                      | 28                    | 27                     | 0                      | 43.8                   | 43.5                   | ---                    |
| Cass           | 1,197           | 1,040                  | 35                     | 384                   | 317                    | 20                     | 32.1                   | 30.5                   | 57.1                   |
| Cedar          | 148             | 145                    | 0                      | 58                    | 58                     | 0                      | 39.2                   | 40.0                   | ---                    |
| Chariton       | 80              | 73                     | 4                      | 21                    | 17                     | 3                      | 26.3                   | 23.3                   | 75.0                   |
| Christian      | 996             | 933                    | 3                      | 245                   | 227                    | 0                      | 24.6                   | 24.3                   | 0.0                    |
| Clark          | 68              | 67                     | 0                      | 25                    | 25                     | 0                      | 36.8                   | 37.3                   | ---                    |
| Clay           | 3,005           | 2,421                  | 217                    | 941                   | 680                    | 117                    | 31.3                   | 28.1                   | 53.9                   |
| Clinton        | 249             | 237                    | 2                      | 79                    | 75                     | 1                      | 31.7                   | 31.6                   | 50.0                   |
| Cole           | 902             | 706                    | 123                    | 347                   | 224                    | 88                     | 38.5                   | 31.7                   | 71.5                   |
| Cooper         | 202             | 187                    | 9                      | 72                    | 61                     | 8                      | 35.6                   | 32.6                   | 88.9                   |
| Crawford       | 265             | 254                    | 0                      | 105                   | 100                    | 0                      | 39.6                   | 39.4                   | ---                    |
| Dade           | 73              | 71                     | 0                      | 22                    | 21                     | 0                      | 30.1                   | 29.6                   | ---                    |
| Dallas         | 206             | 201                    | 0                      | 72                    | 69                     | 0                      | 35.0                   | 34.3                   | ---                    |
| Davies         | 110             | 108                    | 0                      | 32                    | 31                     | 0                      | 29.1                   | 28.7                   | ---                    |
| DeKalb         | 116             | 110                    | 1                      | 47                    | 44                     | 1                      | 40.5                   | 40.0                   | 100.0                  |
| Dent           | 173             | 164                    | 0                      | 73                    | 67                     | 0                      | 42.2                   | 40.9                   | ---                    |
| Douglas        | 167             | 161                    | 0                      | 48                    | 47                     | 0                      | 28.7                   | 29.2                   | ---                    |

**Table 9. Resident Live Births By Marital Status By Race of Mother  
with Percentages By County And Cities with 25,000 or More Population: Missouri, 2011**

| Counties    | All Live Births |                        |                        | Out-of-Wedlock Births |                        |                        | Percent Out-of-Wedlock |                        |                        |
|-------------|-----------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|             | All Races       | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races             | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races              | White,<br>Non-Hispanic | Black,<br>Non-Hispanic |
|             |                 | 480                    | 341                    |                       | 83                     | 249                    |                        | 158                    | 68                     |
| Franklin    | 1,274           | 1,210                  | 5                      | 475                   | 447                    | 3                      | 37.3                   | 36.9                   | 60.0                   |
| Gasconade   | 153             | 148                    | 1                      | 50                    | 49                     | 1                      | 32.7                   | 33.1                   | 100.0                  |
| Gentry      | 71              | 71                     | 0                      | 20                    | 20                     | 0                      | 28.2                   | 28.2                   | ---                    |
| Greene      | 3,553           | 3,064                  | 95                     | 1,301                 | 1,060                  | 68                     | 36.6                   | 34.6                   | 71.6                   |
| Grundy      | 118             | 116                    | 0                      | 42                    | 42                     | 0                      | 35.6                   | 36.2                   | ---                    |
| Harrison    | 116             | 108                    | 0                      | 48                    | 44                     | 0                      | 41.4                   | 40.7                   | ---                    |
| Henry       | 273             | 254                    | 5                      | 120                   | 109                    | 5                      | 44.0                   | 42.9                   | 100.0                  |
| Hickory     | 81              | 81                     | 0                      | 42                    | 42                     | 0                      | 51.9                   | 51.9                   | ---                    |
| Holt        | 49              | 49                     | 0                      | 14                    | 14                     | 0                      | 28.6                   | 28.6                   | ---                    |
| Howard      | 123             | 113                    | 5                      | 43                    | 37                     | 3                      | 35.0                   | 32.7                   | 60.0                   |
| Howell      | 546             | 524                    | 0                      | 208                   | 201                    | 0                      | 38.1                   | 38.4                   | ---                    |
| Iron        | 118             | 117                    | 0                      | 60                    | 59                     | 0                      | 50.8                   | 50.4                   | ---                    |
| Jackson     | 9,583           | 5,138                  | 2,613                  | 4,839                 | 1,719                  | 2,078                  | 50.5                   | 33.5                   | 79.5                   |
| Jasper      | 1,688           | 1,355                  | 31                     | 724                   | 534                    | 26                     | 42.9                   | 39.4                   | 83.9                   |
| Jefferson   | 2,662           | 2,537                  | 19                     | 930                   | 886                    | 15                     | 34.9                   | 34.9                   | 78.9                   |
| Johnson     | 712             | 619                    | 31                     | 178                   | 149                    | 12                     | 25.0                   | 24.1                   | 38.7                   |
| Knox        | 53              | 53                     | 0                      | 15                    | 15                     | 0                      | 28.3                   | 28.3                   | ---                    |
| Laclede     | 489             | 458                    | 3                      | 194                   | 186                    | 0                      | 39.7                   | 40.6                   | 0.0                    |
| Lafayette   | 378             | 341                    | 7                      | 159                   | 136                    | 4                      | 42.1                   | 39.9                   | 57.1                   |
| Lawrence    | 490             | 427                    | 0                      | 177                   | 151                    | 0                      | 36.1                   | 35.4                   | ---                    |
| Lewis       | 109             | 101                    | 0                      | 45                    | 39                     | 0                      | 41.3                   | 38.6                   | ---                    |
| Lincoln     | 725             | 681                    | 8                      | 274                   | 255                    | 7                      | 37.8                   | 37.4                   | 87.5                   |
| Linn        | 141             | 133                    | 0                      | 61                    | 56                     | 0                      | 43.3                   | 42.1                   | ---                    |
| Livingston  | 142             | 137                    | 2                      | 63                    | 58                     | 2                      | 44.4                   | 42.3                   | 100.0                  |
| McDonald    | 296             | 185                    | 7                      | 141                   | 76                     | 3                      | 47.6                   | 41.1                   | 42.9                   |
| Macon       | 184             | 169                    | 8                      | 69                    | 61                     | 7                      | 37.5                   | 36.1                   | 87.5                   |
| Madison     | 137             | 133                    | 0                      | 56                    | 55                     | 0                      | 40.9                   | 41.4                   | ---                    |
| Maries      | 80              | 76                     | 2                      | 30                    | 30                     | 0                      | 37.5                   | 39.5                   | 0.0                    |
| Marion      | 383             | 340                    | 20                     | 151                   | 124                    | 15                     | 39.4                   | 36.5                   | 75.0                   |
| Mercer      | 39              | 38                     | 0                      | 12                    | 12                     | 0                      | 30.8                   | 31.6                   | ---                    |
| Miller      | 273             | 262                    | 1                      | 114                   | 109                    | 0                      | 41.8                   | 41.6                   | 0.0                    |
| Mississippi | 194             | 132                    | 55                     | 125                   | 67                     | 54                     | 64.4                   | 50.8                   | 98.2                   |
| Moniteau    | 200             | 185                    | 0                      | 57                    | 48                     | 0                      | 28.5                   | 25.9                   | ---                    |
| Monroe      | 96              | 86                     | 3                      | 35                    | 28                     | 3                      | 36.5                   | 32.6                   | 100.0                  |

**Table 9. Resident Live Births By Marital Status By Race of Mother  
with Percentages By County And Cities with 25,000 or More Population: Missouri, 2011**

| Counties         | All Live Births |                        |                        | Out-of-Wedlock Births |                        |                        | Percent Out-of-Wedlock |                        |                        |
|------------------|-----------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                  | All Races       | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races             | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races              | White,<br>Non-Hispanic | Black,<br>Non-Hispanic |
|                  |                 | 167                    | 162                    |                       | 1                      | 79                     |                        | 77                     | 1                      |
| Montgomery       | 167             | 162                    | 1                      | 79                    | 77                     | 1                      | 47.3                   | 47.5                   | 100.0                  |
| Morgan           | 254             | 246                    | 0                      | 80                    | 75                     | 0                      | 31.5                   | 30.5                   | ---                    |
| New Madrid       | 209             | 154                    | 46                     | 114                   | 72                     | 38                     | 54.5                   | 46.8                   | 82.6                   |
| Newton           | 754             | 599                    | 4                      | 281                   | 213                    | 0                      | 37.3                   | 35.6                   | 0.0                    |
| Nodaway          | 206             | 198                    | 1                      | 68                    | 65                     | 0                      | 33.0                   | 32.8                   | 0.0                    |
| Oregon           | 132             | 127                    | 0                      | 44                    | 42                     | 0                      | 33.3                   | 33.1                   | ---                    |
| Osage            | 144             | 139                    | 0                      | 42                    | 39                     | 0                      | 29.2                   | 28.1                   | ---                    |
| Ozark            | 82              | 80                     | 0                      | 26                    | 26                     | 0                      | 31.7                   | 32.5                   | ---                    |
| Pemiscot         | 288             | 173                    | 98                     | 188                   | 91                     | 88                     | 65.3                   | 52.6                   | 89.8                   |
| Perry            | 211             | 195                    | 0                      | 70                    | 62                     | 0                      | 33.2                   | 31.8                   | ---                    |
| Pettis           | 599             | 471                    | 15                     | 239                   | 167                    | 12                     | 39.9                   | 35.5                   | 80.0                   |
| Phelps           | 573             | 492                    | 9                      | 176                   | 163                    | 2                      | 30.7                   | 33.1                   | 22.2                   |
| Pike             | 219             | 189                    | 6                      | 88                    | 68                     | 5                      | 40.2                   | 36.0                   | 83.3                   |
| Platte           | 1,158           | 903                    | 97                     | 360                   | 248                    | 49                     | 31.1                   | 27.5                   | 50.5                   |
| Polk             | 424             | 400                    | 0                      | 142                   | 126                    | 0                      | 33.5                   | 31.5                   | ---                    |
| Pulaski          | 834             | 606                    | 87                     | 179                   | 119                    | 40                     | 21.5                   | 19.6                   | 46.0                   |
| Putnam           | 49              | 48                     | 0                      | 15                    | 15                     | 0                      | 30.6                   | 31.3                   | ---                    |
| Ralls            | 103             | 99                     | 0                      | 38                    | 36                     | 0                      | 36.9                   | 36.4                   | ---                    |
| Randolph         | 267             | 250                    | 5                      | 118                   | 106                    | 5                      | 44.2                   | 42.4                   | 100.0                  |
| Ray              | 236             | 220                    | 2                      | 82                    | 76                     | 0                      | 34.7                   | 34.5                   | 0.0                    |
| Reynolds         | 63              | 58                     | 0                      | 22                    | 21                     | 0                      | 34.9                   | 36.2                   | ---                    |
| Ripley           | 174             | 169                    | 0                      | 71                    | 70                     | 0                      | 40.8                   | 41.4                   | ---                    |
| St. Charles      | 4,539           | 3,893                  | 195                    | 1,157                 | 915                    | 112                    | 25.5                   | 23.5                   | 57.4                   |
| St. Clair        | 86              | 79                     | 1                      | 35                    | 33                     | 1                      | 40.7                   | 41.8                   | 100.0                  |
| St. Francois     | 762             | 736                    | 4                      | 366                   | 349                    | 2                      | 48.0                   | 47.4                   | 50.0                   |
| Ste. Genevieve   | 175             | 170                    | 1                      | 63                    | 61                     | 1                      | 36.0                   | 35.9                   | 100.0                  |
| St. Louis City   | 4,957           | 1,676                  | 2,692                  | 2,991                 | 411                    | 2,311                  | 60.3                   | 24.5                   | 85.8                   |
| St. Louis County | 11,934          | 6,869                  | 3,650                  | 4,701                 | 1,458                  | 2,824                  | 39.4                   | 21.2                   | 77.4                   |
| Saline           | 304             | 230                    | 14                     | 137                   | 92                     | 12                     | 45.1                   | 40.0                   | 85.7                   |
| Schuyler         | 58              | 55                     | 2                      | 25                    | 22                     | 2                      | 43.1                   | 40.0                   | 100.0                  |
| Scotland         | 80              | 80                     | 0                      | 19                    | 19                     | 0                      | 23.8                   | 23.8                   | ---                    |
| Scott            | 529             | 416                    | 91                     | 250                   | 161                    | 77                     | 47.3                   | 38.7                   | 84.6                   |
| Shannon          | 80              | 76                     | 0                      | 28                    | 27                     | 0                      | 35.0                   | 35.5                   | ---                    |
| Shelby           | 80              | 78                     | 0                      | 21                    | 20                     | 0                      | 26.3                   | 25.6                   | ---                    |
| Stoddard         | 361             | 348                    | 3                      | 143                   | 136                    | 3                      | 39.6                   | 39.1                   | 100.0                  |

**Table 9. Resident Live Births By Marital Status By Race of Mother  
with Percentages By County And Cities with 25,000 or More Population: Missouri, 2011**

| Counties   | All Live Births |              |              | Out-of-Wedlock Births |              |              | Percent Out-of-Wedlock |              |              |
|------------|-----------------|--------------|--------------|-----------------------|--------------|--------------|------------------------|--------------|--------------|
|            | All Races       | White,       | Black,       | All Races             | White,       | Black,       | All Races              | White,       | Black,       |
|            |                 | Non-Hispanic | Non-Hispanic |                       | Non-Hispanic | Non-Hispanic |                        | Non-Hispanic | Non-Hispanic |
| Stone      | 246             | 232          | 0            | 105                   | 102          | 0            | 42.7                   | 44.0         | ---          |
| Sullivan   | 88              | 49           | 0            | 46                    | 29           | 0            | 52.3                   | 59.2         | ---          |
| Taney      | 639             | 562          | 7            | 266                   | 229          | 3            | 41.6                   | 40.7         | 42.9         |
| Texas      | 305             | 290          | 0            | 106                   | 102          | 0            | 34.8                   | 35.2         | ---          |
| Vernon     | 253             | 236          | 1            | 96                    | 86           | 1            | 37.9                   | 36.4         | 100.0        |
| Warren     | 389             | 354          | 10           | 160                   | 132          | 9            | 41.1                   | 37.3         | 90.0         |
| Washington | 310             | 298          | 0            | 122                   | 116          | 0            | 39.4                   | 38.9         | ---          |
| Wayne      | 137             | 133          | 2            | 64                    | 62           | 1            | 46.7                   | 46.6         | 50.0         |
| Webster    | 463             | 445          | 0            | 101                   | 95           | 0            | 21.8                   | 21.3         | ---          |
| Worth      | 22              | 20           | 0            | 7                     | 6            | 0            | 31.8                   | 30.0         | ---          |
| Wright     | 240             | 226          | 2            | 94                    | 88           | 2            | 39.2                   | 38.9         | 100.0        |

| Multi-County Cities | All Live Births |              |              | Out-of-Wedlock Births |              |              | Percent Out-of-Wedlock |              |              |
|---------------------|-----------------|--------------|--------------|-----------------------|--------------|--------------|------------------------|--------------|--------------|
|                     | All Races       | White,       | Black,       | All Races             | White,       | Black,       | All Races              | White,       | Black,       |
|                     |                 | Non-Hispanic | Non-Hispanic |                       | Non-Hispanic | Non-Hispanic |                        | Non-Hispanic | Non-Hispanic |
| Joplin              | 699             | 579          | 27           | 316                   | 247          | 23           | 45.2                   | 42.7         | 85.2         |
| ...Jasper Co. Part  | 627             | 523          | 25           | 285                   | 226          | 23           | 45.5                   | 43.2         | 92.0         |
| ...Newton Co. Part  | 72              | 56           | 2            | 31                    | 21           | 0            | 43.1                   | 37.5         | 0.0          |
| Kansas City         | 7,218           | 3,380        | 2,343        | 3,585                 | 923          | 1,837        | 49.7                   | 27.3         | 78.4         |
| ...Jackson Co. Part | 4,811           | 1,566        | 2,090        | 2,868                 | 451          | 1,703        | 59.6                   | 28.8         | 81.5         |
| ...Clay Co. Part    | 1,782           | 1,367        | 179          | 510                   | 341          | 96           | 28.6                   | 24.9         | 53.6         |
| ...Platte Co. Part  | 621             | 443          | 74           | 207                   | 131          | 38           | 33.3                   | 29.6         | 51.4         |
| ...Cass Co. Part    | 4               | 4            | 0            | 0                     | 0            | 0            | 0.0                    | 0.0          | ---          |

**Table 9. Resident Live Births By Marital Status By Race of Mother  
with Percentages By County And Cities with 25,000 or More Population: Missouri, 2011**

| Cities           | All Live Births |                        |                        | Out-of-Wedlock Births |                        |                        | Percent Out-of-Wedlock |                        |                        |
|------------------|-----------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                  | All Races       | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races             | White,<br>Non-Hispanic | Black,<br>Non-Hispanic | All Races              | White,<br>Non-Hispanic | Black,<br>Non-Hispanic |
|                  |                 | 298                    | 250                    |                       | 3                      | 42                     |                        | 33                     | 0                      |
| Ballwin          | 298             | 250                    | 3                      | 42                    | 33                     | 0                      | 14.1                   | 13.2                   | 0.0                    |
| Blue Springs     | 638             | 518                    | 44                     | 238                   | 176                    | 31                     | 37.3                   | 34.0                   | 70.5                   |
| Cape Girardeau   | 446             | 301                    | 98                     | 232                   | 125                    | 83                     | 52.0                   | 41.5                   | 84.7                   |
| Chesterfield     | 369             | 270                    | 7                      | 34                    | 18                     | 1                      | 9.2                    | 6.7                    | 14.3                   |
| Columbia         | 1,388           | 969                    | 198                    | 422                   | 211                    | 145                    | 30.4                   | 21.8                   | 73.2                   |
| Florissant       | 661             | 408                    | 203                    | 302                   | 137                    | 144                    | 45.7                   | 33.6                   | 70.9                   |
| Gladstone        | 338             | 268                    | 20                     | 156                   | 112                    | 11                     | 46.2                   | 41.8                   | 55.0                   |
| Hazelwood        | 379             | 181                    | 150                    | 193                   | 66                     | 106                    | 50.9                   | 36.5                   | 70.7                   |
| Independence     | 1,600           | 1,189                  | 136                    | 816                   | 567                    | 105                    | 51.0                   | 47.7                   | 77.2                   |
| Jefferson City   | 512             | 358                    | 105                    | 224                   | 128                    | 77                     | 43.8                   | 35.8                   | 73.3                   |
| Kirkwood         | 353             | 299                    | 32                     | 59                    | 31                     | 23                     | 16.7                   | 10.4                   | 71.9                   |
| Lee's Summit     | 1,090           | 884                    | 84                     | 275                   | 172                    | 55                     | 25.2                   | 19.5                   | 65.5                   |
| Liberty          | 346             | 301                    | 10                     | 99                    | 72                     | 6                      | 28.6                   | 23.9                   | 60.0                   |
| Maryland Heights | 383             | 214                    | 56                     | 110                   | 54                     | 36                     | 28.7                   | 25.2                   | 64.3                   |
| O'Fallon         | 1,138           | 970                    | 32                     | 256                   | 206                    | 15                     | 22.5                   | 21.2                   | 46.9                   |
| Raytown          | 348             | 201                    | 102                    | 175                   | 79                     | 73                     | 50.3                   | 39.3                   | 71.6                   |
| St. Charles      | 775             | 609                    | 45                     | 274                   | 199                    | 32                     | 35.4                   | 32.7                   | 71.1                   |
| St. Joseph       | 1,106           | 881                    | 56                     | 603                   | 452                    | 47                     | 54.5                   | 51.3                   | 83.9                   |
| St. Louis City   | 4,957           | 1,676                  | 2,692                  | 2,991                 | 411                    | 2,311                  | 60.3                   | 24.5                   | 85.8                   |
| St. Peters       | 668             | 591                    | 25                     | 169                   | 137                    | 13                     | 25.3                   | 23.2                   | 52.0                   |
| Springfield      | 2,138           | 1,792                  | 75                     | 987                   | 796                    | 58                     | 46.2                   | 44.4                   | 77.3                   |
| University City  | 490             | 261                    | 151                    | 160                   | 25                     | 110                    | 32.7                   | 9.6                    | 72.8                   |
| Wentzville       | 568             | 519                    | 32                     | 100                   | 74                     | 22                     | 17.6                   | 14.3                   | 68.8                   |
| Wildwood         | 258             | 230                    | 5                      | 29                    | 25                     | 1                      | 11.2                   | 10.9                   | 20.0                   |

**Table 10A. Resident Live Births by Selected Characteristics by Race and Hispanic Origin of Mother: Missouri, 2011**

|   | <u>All Races</u> |         | <u>White, Non-Hisp.</u> |         | <u>Black, Non-Hisp.</u> |         | <u>Other, Non-Hisp.*</u> |         | <u>Hispanic, Any Race</u> |         |
|---|------------------|---------|-------------------------|---------|-------------------------|---------|--------------------------|---------|---------------------------|---------|
|   | Number           | Percent | Number                  | Percent | Number                  | Percent | Number                   | Percent | Number                    | Percent |
| Live Births                             | 76,069           | 100.0   | 56,831                  | 100.0   | 10,934                  | 100.0   | 4,124                    | 100.0   | 4,110                     | 100.0   |
| Birth Weight: Under 2500 Grams          | 6,015            | 7.9     | 3,812                   | 6.7     | 1,574                   | 14.4    | 359                      | 8.7     | 263                       | 6.4     |
| Birth Weight: Above 4499 Grams          | 828              | 1.1     | 684                     | 1.2     | 52                      | 0.5     | 39                       | 0.9     | 53                        | 1.3     |
| Gestational Age: Less than 37 Weeks     | 8,973            | 11.8    | 6,066                   | 10.7    | 1,950                   | 17.9    | 466                      | 11.3    | 481                       | 11.7    |
| APGAR (5 Minutes): Less than 8          | 4,005            | 5.3     | 2,685                   | 4.8     | 869                     | 8.0     | 218                      | 5.3     | 228                       | 5.6     |
| Infant Care: NICU Admission             | 4,962            | 6.5     | 3,510                   | 6.2     | 959                     | 8.8     | 246                      | 6.0     | 242                       | 5.9     |
| Infant Care: Transfer to Other Facility | 1,076            | 1.4     | 738                     | 1.3     | 246                     | 2.2     | 50                       | 1.2     | 41                        | 1.0     |
| Place of Birth: At-Home Delivery        | 988              | 1.3     | 919                     | 1.6     | 33                      | 0.3     | 17                       | 0.4     | 17                        | 0.4     |
| Method of Delivery: Cesarean            | 23,760           | 31.4    | 17,822                  | 31.6    | 3,418                   | 31.3    | 1,332                    | 32.4    | 1,163                     | 28.5    |
| Infant Care: Breastfed After Delivery   | 51,513           | 72.1    | 39,765                  | 74.4    | 5,595                   | 54.8    | 3,054                    | 79.2    | 3,065                     | 80.4    |
| Maternal Smoking: During Pregnancy      | 13,803           | 18.3    | 11,321                  | 20.0    | 1,570                   | 14.6    | 615                      | 15.1    | 294                       | 7.3     |
| ...Quit Smoking During Pregnancy        | 2,903            | 21.0    | 2,254                   | 19.9    | 419                     | 26.7    | 145                      | 23.6    | 85                        | 28.9    |
| Mat. Weight: Underweight (BMI < 18.5)   | 3,276            | 4.4     | 2,478                   | 4.4     | 409                     | 3.9     | 263                      | 6.6     | 125                       | 3.3     |
| Mat. Weight: Obese (BMI >= 30)          | 17,814           | 24.0    | 12,906                  | 23.1    | 3,260                   | 30.9    | 749                      | 18.7    | 889                       | 23.8    |
| Mat. Sing. Wt. Gain: Low (< 15 lbs)     | 6,961            | 11.1    | 4,944                   | 10.3    | 1,162                   | 14.3    | 387                      | 11.5    | 467                       | 14.0    |
| Mat. Sing. Wt. Gain: High (> 45 lbs)    | 12,798           | 20.4    | 9,996                   | 20.9    | 1,710                   | 21.0    | 588                      | 17.4    | 500                       | 15.0    |
| Mother's Education: Under 12 Yrs.       | 12,067           | 15.9    | 7,261                   | 12.8    | 2,371                   | 21.8    | 688                      | 16.7    | 1,743                     | 42.7    |
| Marital Status: Out-of-Wedlock          | 30,520           | 40.1    | 18,326                  | 32.2    | 8,601                   | 78.7    | 1,470                    | 35.6    | 2,094                     | 50.9    |
| Live Birth Order: 4 or More             | 8,894            | 11.8    | 5,820                   | 10.3    | 1,956                   | 18.0    | 436                      | 10.7    | 673                       | 16.5    |
| Birth Spacing: Less than 18 Months      | 4,880            | 11.9    | 3,436                   | 11.2    | 897                     | 15.9    | 240                      | 11.7    | 301                       | 12.3    |
| Prenatal Care: 1st Trimester            | 54,629           | 75.9    | 42,850                  | 79.3    | 6,455                   | 64.0    | 2,747                    | 71.1    | 2,542                     | 65.0    |
| Prenatal Care: 2nd Trimester            | 13,896           | 19.3    | 9,147                   | 16.9    | 2,739                   | 27.1    | 880                      | 22.8    | 1,114                     | 28.5    |
| Prenatal Care: 3rd Trimester            | 2,634            | 3.7     | 1,624                   | 3.0     | 614                     | 6.1     | 184                      | 4.8     | 207                       | 5.3     |
| Prenatal Care: None                     | 772              | 1.1     | 393                     | 0.7     | 281                     | 2.8     | 50                       | 1.3     | 46                        | 1.2     |
| Prenatal Care: Inadequate               | 12,181           | 17.8    | 7,282                   | 14.2    | 3,116                   | 32.2    | 811                      | 21.9    | 952                       | 25.1    |
| Maternal Utilization: Medicaid          | 33,018           | 45.0    | 20,666                  | 37.7    | 8,194                   | 77.4    | 1,821                    | 46.2    | 2,308                     | 58.9    |
| Maternal Utilization: WIC               | 34,692           | 46.6    | 22,347                  | 40.0    | 7,604                   | 71.7    | 1,908                    | 48.6    | 2,820                     | 70.4    |
| Maternal Utilization: Food Stamps       | 24,011           | 33.9    | 14,679                  | 27.5    | 6,722                   | 66.7    | 1,289                    | 34.2    | 1,314                     | 36.4    |
| Mother's Age: At Delivery               | 61               | 0.1     | 30                      | 0.1     | 22                      | 0.2     | 3                        | 0.1     | 6                         | 0.1     |
| 15-17                                   | 1,870            | 2.5     | 1,098                   | 1.9     | 504                     | 4.6     | 103                      | 2.5     | 165                       | 4.0     |
| 18-19                                   | 5,067            | 6.7     | 3,335                   | 5.9     | 1,181                   | 10.8    | 244                      | 5.9     | 303                       | 7.4     |
| 20-24                                   | 20,180           | 26.5    | 14,251                  | 25.1    | 3,872                   | 35.4    | 968                      | 23.5    | 1,072                     | 26.1    |
| 25-29                                   | 23,219           | 30.5    | 18,023                  | 31.7    | 2,827                   | 25.9    | 1,175                    | 28.5    | 1,177                     | 28.6    |
| 30-34                                   | 17,509           | 23.0    | 13,923                  | 24.5    | 1,630                   | 14.9    | 1,068                    | 25.9    | 876                       | 21.3    |
| 35-39                                   | 6,670            | 8.8     | 5,034                   | 8.9     | 727                     | 6.7     | 466                      | 11.3    | 429                       | 10.4    |
| 40 and over                             | 1,473            | 1.9     | 1,123                   | 2.0     | 168                     | 1.5     | 97                       | 2.4     | 81                        | 2.0     |

\*: Includes Births from Mothers of Multiple Races



**Table 10B. Resident Live Births by Selected Characteristics by BRFSS Region and Metro vs Non-Metro Area: Missouri, 2011**

|   | <u>Northwest</u> |         | <u>Central</u> |         | <u>Southwest</u> |         |
|---|------------------|---------|----------------|---------|------------------|---------|
|   | Number           | Percent | Number         | Percent | Number           | Percent |
| Live Births                             | 2,927            | 100.0   | 8,816          | 100.0   | 7,066            | 100.0   |
| Birth Weight: Under 2500 Grams          | 209              | 7.2     | 621            | 7.1     | 591              | 8.4     |
| Birth Weight: Above 4499 Grams          | 35               | 1.2     | 114            | 1.3     | 63               | 0.9     |
| Gestational Age: Less than 37 Weeks     | 355              | 12.2    | 995            | 11.3    | 927              | 13.2    |
| APGAR (5 Minutes): Less than 8          | 195              | 6.7     | 647            | 7.4     | 502              | 7.2     |
| Infant Care: NICU Admission             | 160              | 5.5     | 604            | 6.9     | 397              | 5.6     |
| Infant Care: Transfer to Other Facility | 68               | 2.3     | 133            | 1.5     | 150              | 2.1     |
| Place of Birth: At-Home Delivery        | 129              | 4.4     | 113            | 1.3     | 73               | 1.0     |
| Method of Delivery: Cesarean            | 928              | 31.8    | 2,814          | 32.0    | 2,332            | 33.9    |
| Infant Care: Breastfed After Delivery   | 2,025            | 71.9    | 6,218          | 74.7    | 3,309            | 53.3    |
| Maternal Smoking: During Pregnancy      | 723              | 24.9    | 1,884          | 21.6    | 1,982            | 28.5    |
| ...Quit Smoking During Pregnancy        | 129              | 17.8    | 376            | 20.0    | 303              | 15.3    |
| Mat. Weight: Underweight (BMI < 18.5)   | 125              | 4.3     | 384            | 4.4     | 361              | 5.3     |
| Mat. Weight: Obese (BMI >= 30)          | 789              | 27.2    | 2,135          | 24.5    | 1,856            | 27.1    |
| Mat. Sing. Wt. Gain: Low (< 15 lbs)     | 327              | 13.1    | 962            | 13.1    | 750              | 13.9    |
| Mat. Sing. Wt. Gain: High (> 45 lbs)    | 505              | 20.2    | 1,456          | 19.9    | 1,177            | 21.8    |
| Mother's Education: Under 12 Yrs.       | 600              | 20.6    | 1,389          | 15.8    | 1,509            | 21.5    |
| Marital Status: Out-of-Wedlock          | 1,128            | 38.5    | 3,083          | 35.0    | 3,140            | 44.4    |
| Live Birth Order: 4 or More             | 381              | 13.0    | 1,016          | 11.6    | 792              | 11.4    |
| Birth Spacing: Less than 18 Months      | 201              | 11.6    | 558            | 11.2    | 561              | 14.3    |
| Prenatal Care: 1st Trimester            | 2,146            | 76.5    | 6,282          | 75.8    | 4,836            | 73.0    |
| Prenatal Care: 2nd Trimester            | 500              | 17.8    | 1,665          | 20.1    | 1,460            | 22.0    |
| Prenatal Care: 3rd Trimester            | 143              | 5.1     | 298            | 3.6     | 277              | 4.2     |
| Prenatal Care: None                     | 16               | 0.6     | 43             | 0.5     | 54               | 0.8     |
| Prenatal Care: Inadequate               | 575              | 22.4    | 1,186          | 17.1    | 1,237            | 19.4    |
| Maternal Utilization: Medicaid          | 1,466            | 50.4    | 3,368          | 39.9    | 4,208            | 63.9    |
| Maternal Utilization: WIC               | 1,618            | 56.1    | 4,043          | 46.5    | 4,651            | 67.7    |
| Maternal Utilization: Food Stamps       | 932              | 35.7    | 2,612          | 30.5    | 3,180            | 47.6    |
| Mother's Age: At Delivery               | 4                | 0.1     | 7              | 0.1     | 4                | 0.1     |
| 15-17                                   | 75               | 2.6     | 200            | 2.3     | 255              | 3.6     |
| 18-19                                   | 248              | 8.5     | 549            | 6.2     | 729              | 10.3    |
| 20-24                                   | 914              | 31.2    | 2,525          | 28.6    | 2,532            | 35.9    |
| 25-29                                   | 906              | 31.0    | 2,801          | 31.8    | 1,967            | 27.9    |
| 30-34                                   | 541              | 18.5    | 1,874          | 21.3    | 1,131            | 16.0    |
| 35-39                                   | 188              | 6.4     | 711            | 8.1     | 376              | 5.3     |
| 40 and over                             | 50               | 1.7     | 147            | 1.7     | 68               | 1.0     |

**Table 10B. Resident Live Births by Selected Characteristics by BRFSS Region and Metro vs Non-Metro Area: Missouri, 2011**

|   | <u>St. Louis Region</u> |         | <u>Kansas City Region</u> |         | <u>Metro</u> |         | <u>Non-Metro</u> |         |
|---|-------------------------|---------|---------------------------|---------|--------------|---------|------------------|---------|
|   | Number                  | Percent | Number                    | Percent | Number       | Percent | Number           | Percent |
| Live Births                             | 26,790                  | 100.0   | 16,094                    | 100.0   | 57,683       | 100.0   | 18,386           | 100.0   |
| Birth Weight: Under 2500 Grams          | 2,349                   | 8.8     | 1,223                     | 7.6     | 4,670        | 8.1     | 1,345            | 7.3     |
| Birth Weight: Above 4499 Grams          | 274                     | 1.0     | 175                       | 1.1     | 607          | 1.1     | 221              | 1.2     |
| Gestational Age: Less than 37 Weeks     | 3,344                   | 12.5    | 1,804                     | 11.2    | 6,871        | 11.9    | 2,102            | 11.5    |
| APGAR (5 Minutes): Less than 8          | 1,118                   | 4.2     | 821                       | 5.1     | 2,602        | 4.5     | 1,403            | 7.7     |
| Infant Care: NICU Admission             | 1,442                   | 5.4     | 1,450                     | 9.0     | 3,989        | 6.9     | 973              | 5.3     |
| Infant Care: Transfer to Other Facility | 422                     | 1.6     | 158                       | 1.0     | 679          | 1.2     | 397              | 2.2     |
| Place of Birth: At-Home Delivery        | 122                     | 0.5     | 182                       | 1.1     | 566          | 1.0     | 422              | 2.3     |
| Method of Delivery: Cesarean            | 9,104                   | 34.0    | 4,549                     | 28.3    | 17,944       | 31.3    | 5,816            | 32.0    |
| Infant Care: Breastfed After Delivery   | 18,452                  | 71.3    | 11,653                    | 76.9    | 40,506       | 74.4    | 11,007           | 64.9    |
| Maternal Smoking: During Pregnancy      | 3,604                   | 13.6    | 2,615                     | 16.4    | 8,997        | 15.7    | 4,806            | 26.4    |
| ...Quit Smoking During Pregnancy        | 860                     | 23.9    | 624                       | 23.9    | 2,088        | 23.2    | 815              | 17.0    |
| Mat. Weight: Underweight (BMI < 18.5)   | 1,069                   | 4.1     | 629                       | 4.1     | 2,393        | 4.3     | 883              | 4.9     |
| Mat. Weight: Obese (BMI >= 30)          | 5,933                   | 22.5    | 3,695                     | 23.9    | 13,061       | 23.2    | 4,753            | 26.4    |
| Mat. Sing. Wt. Gain: Low (< 15 lbs)     | 2,084                   | 9.5     | 1,422                     | 10.6    | 4,942        | 10.3    | 2,019            | 13.5    |
| Mat. Sing. Wt. Gain: High (> 45 lbs)    | 4,330                   | 19.6    | 2,786                     | 20.7    | 9,731        | 20.3    | 3,067            | 20.5    |
| Mother's Education: Under 12 Yrs.       | 3,288                   | 12.3    | 2,544                     | 15.9    | 8,249        | 14.3    | 3,818            | 20.8    |
| Marital Status: Out-of-Wedlock          | 10,810                  | 40.4    | 6,944                     | 43.1    | 23,290       | 40.4    | 7,230            | 39.3    |
| Live Birth Order: 4 or More             | 3,012                   | 11.4    | 1,973                     | 12.3    | 6,624        | 11.6    | 2,270            | 12.4    |
| Birth Spacing: Less than 18 Months      | 1,484                   | 11.0    | 1,050                     | 11.7    | 3,563        | 11.7    | 1,317            | 12.7    |
| Prenatal Care: 1st Trimester            | 20,660                  | 81.9    | 10,814                    | 70.1    | 41,648       | 76.6    | 12,981           | 73.9    |
| Prenatal Care: 2nd Trimester            | 3,645                   | 14.5    | 3,727                     | 24.2    | 10,237       | 18.8    | 3,659            | 20.8    |
| Prenatal Care: 3rd Trimester            | 624                     | 2.5     | 711                       | 4.6     | 1,836        | 3.4     | 798              | 4.5     |
| Prenatal Care: None                     | 283                     | 1.1     | 180                       | 1.2     | 653          | 1.2     | 119              | 0.7     |
| Prenatal Care: Inadequate               | 3,340                   | 13.6    | 3,160                     | 20.8    | 8,877        | 17.1    | 3,304            | 19.8    |
| Maternal Utilization: Medicaid          | 10,020                  | 39.0    | 6,710                     | 42.8    | 23,448       | 41.9    | 9,570            | 54.8    |
| Maternal Utilization: WIC               | 9,670                   | 37.1    | 7,127                     | 44.9    | 23,707       | 42.0    | 10,985           | 60.9    |
| Maternal Utilization: Food Stamps       | 7,808                   | 30.4    | 4,651                     | 34.1    | 17,090       | 31.9    | 6,921            | 40.0    |
| Mother's Age: At Delivery               | 16                      | 0.1     | 17                        | 0.1     | 47           | 0.1     | 14               | 0.1     |
| 15-17                                   | 589                     | 2.2     | 354                       | 2.2     | 1,310        | 2.3     | 560              | 3.0     |
| 18-19                                   | 1,449                   | 5.4     | 977                       | 6.1     | 3,426        | 5.9     | 1,641            | 8.9     |
| 20-24                                   | 5,734                   | 21.4    | 4,071                     | 25.3    | 13,961       | 24.2    | 6,219            | 33.8    |
| 25-29                                   | 7,974                   | 29.8    | 5,040                     | 31.3    | 17,769       | 30.8    | 5,450            | 29.7    |
| 30-34                                   | 7,423                   | 27.7    | 3,816                     | 23.7    | 14,400       | 25.0    | 3,109            | 16.9    |
| 35-39                                   | 2,905                   | 10.8    | 1,501                     | 9.3     | 5,533        | 9.6     | 1,137            | 6.2     |
| 40 and over                             | 695                     | 2.6     | 313                       | 1.9     | 1,223        | 2.1     | 250              | 1.4     |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Adair</u> |         | <u>Andrew</u> |         | <u>Atchison</u> |         | <u>Audrain</u> |         | <u>Barry</u> |         | <u>Barton</u> |         | <u>Bates</u> |         |
|-----------------------------------|--------------|---------|---------------|---------|-----------------|---------|----------------|---------|--------------|---------|---------------|---------|--------------|---------|
|                                   | Number       | Percent | Number        | Percent | Number          | Percent | Number         | Percent | Number       | Percent | Number        | Percent | Number       | Percent |
| Live Births                       | 266          | 100.0   | 180           | 100.0   | 55              | 100.0   | 360            | 100.0   | 426          | 100.0   | 143           | 100.0   | 198          | 100.0   |
| Birth Weight: Under 2500 Grams    | 23           | 8.6     | 15            | 8.3     | 7               | 12.7    | 23             | 6.4     | 30           | 7.0     | 6             | 4.2     | 14           | 7.1     |
| Birth Weight: Above 4499 Grams    | 0            | 0.0     | 0             | 0.0     | 2               | 3.6     | 2              | 0.6     | 3            | 0.7     | 4             | 2.8     | 2            | 1.0     |
| Gest. Age: Less than 37 Weeks     | 44           | 16.5    | 15            | 8.3     | 8               | 14.5    | 42             | 11.7    | 50           | 11.7    | 13            | 9.1     | 24           | 12.5    |
| APGAR (5 Min.): Less than 8       | 30           | 11.3    | 6             | 3.3     | 2               | 3.6     | 26             | 7.2     | 21           | 4.9     | 4             | 2.8     | 12           | 6.3     |
| Infant Care: NICU Admission       | 15           | 5.6     | 14            | 7.8     | 5               | 9.1     | 30             | 8.3     | 33           | 7.7     | 5             | 3.5     | 13           | 6.6     |
| Infant Care: Transfer             | 9            | 3.4     | 5             | 2.8     | 3               | 5.5     | 6              | 1.7     | 9            | 2.1     | 1             | 0.7     | 3            | 1.5     |
| Place of Birth: At-Home Delivery  | 7            | 2.6     | 1             | 0.6     | 0               | 0.0     | 18             | 5.0     | 3            | 0.7     | 5             | 3.5     | 4            | 2.0     |
| Method of Delivery: Cesarean      | 95           | 35.7    | 53            | 29.4    | 27              | 49.1    | 107            | 30.0    | 146          | 34.4    | 48            | 33.6    | 59           | 31.1    |
| Infant Care: Breastfed            | 206          | 79.2    | 111           | 66.1    | 32              | 59.3    | 192            | 55.7    | 248          | 65.3    | 108           | 75.5    | 120          | 65.6    |
| Mat. Smoking: During Preg.        | 53           | 20.3    | 31            | 17.4    | 11              | 20.0    | 116            | 32.3    | 113          | 26.7    | 27            | 18.9    | 57           | 28.8    |
| ...Quit Smoking During Preg.      | 5            | 9.4     | 8             | 25.8    | 2               | 18.2    | 25             | 21.6    | 16           | 14.2    | 6             | 22.2    | 10           | 17.5    |
| Mat. Wt.: Underweight             | 13           | 4.9     | 7             | 4.0     | 3               | 5.5     | 19             | 5.3     | 16           | 4.0     | 3             | 2.2     | 12           | 6.3     |
| Mat. Wt.: Obese                   | 61           | 22.9    | 40            | 22.9    | 10              | 18.2    | 75             | 21.1    | 101          | 25.3    | 35            | 25.4    | 58           | 30.2    |
| Mat. Sing. Wt. Gain: Low          | 22           | 10.0    | 20            | 12.4    | 5               | 10.6    | 37             | 12.3    | 42           | 11.9    | 13            | 10.5    | 25           | 15.4    |
| Mat. Sing. Wt. Gain: High         | 51           | 23.3    | 34            | 21.1    | 18              | 38.3    | 74             | 24.5    | 75           | 21.2    | 21            | 16.9    | 30           | 18.5    |
| Mother's Education: Under 12 Yrs. | 34           | 12.8    | 19            | 10.6    | 5               | 9.1     | 91             | 25.6    | 122          | 28.7    | 23            | 16.1    | 36           | 18.3    |
| Marital Status: Out-of-Wedlock    | 82           | 30.8    | 66            | 36.7    | 19              | 34.5    | 162            | 45.0    | 187          | 43.9    | 38            | 26.6    | 67           | 33.8    |
| Live Birth Order: 4 or More       | 34           | 12.8    | 16            | 8.9     | 2               | 3.6     | 70             | 19.4    | 68           | 16.0    | 23            | 16.1    | 24           | 12.3    |
| Birth Spacing: Less than 18 Mos.  | 21           | 13.8    | 12            | 11.3    | 8               | 25.8    | 21             | 9.4     | 30           | 11.5    | 8             | 8.8     | 13           | 11.0    |
| Prenatal Care: 1st Trimester      | 219          | 84.9    | 138           | 78.0    | 42              | 76.4    | 236            | 71.3    | 305          | 74.6    | 104           | 73.2    | 146          | 77.7    |
| Prenatal Care: 2nd Trimester      | 29           | 11.2    | 29            | 16.4    | 12              | 21.8    | 65             | 19.6    | 81           | 19.8    | 35            | 24.6    | 38           | 20.2    |
| Prenatal Care: 3rd Trimester      | 10           | 3.9     | 9             | 5.1     | 1               | 1.8     | 25             | 7.6     | 18           | 4.4     | 3             | 2.1     | 4            | 2.1     |
| Prenatal Care: None               | 0            | 0.0     | 1             | 0.6     | 0               | 0.0     | 5              | 1.5     | 5            | 1.2     | 0             | 0.0     | 0            | 0.0     |
| Prenatal Care: Inadequate         | 29           | 11.5    | 29            | 17.3    | 8               | 14.5    | 63             | 24.1    | 86           | 21.8    | 35            | 25.5    | 25           | 14.3    |
| Maternal Utilization: Medicaid    | 133          | 50.0    | 76            | 42.2    | 26              | 47.3    | 141            | 39.4    | 278          | 68.6    | 67            | 46.9    | 95           | 49.5    |
| Maternal Utilization: WIC         | 137          | 51.7    | 71            | 39.7    | 32              | 58.2    | 163            | 46.7    | 292          | 72.8    | 68            | 47.9    | 111          | 56.3    |
| Maternal Utilization: FSP         | 93           | 35.5    | 50            | 28.6    | 13              | 28.9    | 123            | 35.8    | 167          | 42.4    | 43            | 33.9    | 66           | 44.6    |
| Mother's Age: At Delivery         | 0            | 0.0     | 0             | 0.0     | 0               | 0.0     | 0              | 0.0     | 1            | 0.2     | 0             | 0.0     | 0            | 0.0     |
| Under 15                          | 5            | 1.9     | 7             | 3.9     | 2               | 3.6     | 9              | 2.5     | 18           | 4.2     | 2             | 1.4     | 7            | 3.5     |
| 15-17                             | 20           | 7.5     | 17            | 9.4     | 2               | 3.6     | 22             | 6.1     | 46           | 10.8    | 6             | 4.2     | 18           | 9.1     |
| 18-19                             | 86           | 32.3    | 46            | 25.6    | 19              | 34.5    | 127            | 35.3    | 140          | 32.9    | 43            | 30.1    | 56           | 28.3    |
| 20-24                             | 70           | 26.3    | 62            | 34.4    | 20              | 36.4    | 111            | 30.8    | 116          | 27.2    | 54            | 37.8    | 75           | 37.9    |
| 25-29                             | 67           | 25.2    | 28            | 15.6    | 9               | 16.4    | 64             | 17.8    | 76           | 17.8    | 23            | 16.1    | 32           | 16.2    |
| 30-34                             | 15           | 5.6     | 16            | 8.9     | 3               | 5.5     | 23             | 6.4     | 25           | 5.9     | 13            | 9.1     | 9            | 4.5     |
| 35-39                             | 3            | 1.1     | 4             | 2.2     | 0               | 0.0     | 4              | 1.1     | 4            | 0.9     | 2             | 1.4     | 1            | 0.5     |
| 40 and over                       |              |         |               |         |                 |         |                |         |              |         |               |         |              |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Benton</u> |         | <u>Bollinger</u> |         | <u>Boone</u> |         | <u>Buchanan</u> |         | <u>Butler</u> |         | <u>Caldwell</u> |         | <u>Callaway</u> |         |
|-----------------------------------|---------------|---------|------------------|---------|--------------|---------|-----------------|---------|---------------|---------|-----------------|---------|-----------------|---------|
|                                   | Number        | Percent | Number           | Percent | Number       | Percent | Number          | Percent | Number        | Percent | Number          | Percent | Number          | Percent |
| Live Births                       | 167           | 100.0   | 146              | 100.0   | 2,112        | 100.0   | 1,215           | 100.0   | 569           | 100.0   | 90              | 100.0   | 500             | 100.0   |
| Birth Weight: Under 2500 Grams    | 10            | 6.0     | 10               | 6.8     | 155          | 7.3     | 103             | 8.5     | 49            | 8.7     | 9               | 10.0    | 52              | 10.4    |
| Birth Weight: Above 4499 Grams    | 1             | 0.6     | 1                | 0.7     | 23           | 1.1     | 12              | 1.0     | 2             | 0.4     | 1               | 1.1     | 6               | 1.2     |
| Gest. Age: Less than 37 Weeks     | 13            | 7.8     | 20               | 13.8    | 283          | 13.4    | 152             | 12.5    | 92            | 16.4    | 10              | 11.2    | 89              | 17.8    |
| APGAR (5 Min.): Less than 8       | 21            | 12.6    | 6                | 4.2     | 99           | 4.7     | 32              | 2.6     | 18            | 3.3     | 7               | 7.8     | 34              | 6.8     |
| Infant Care: NICU Admission       | 12            | 7.2     | 5                | 3.4     | 213          | 10.1    | 73              | 6.0     | 38            | 6.7     | 4               | 4.4     | 52              | 10.4    |
| Infant Care: Transfer             | 2             | 1.2     | 0                | 0.0     | 5            | 0.2     | 29              | 2.4     | 15            | 2.6     | 0               | 0.0     | 13              | 2.6     |
| Place of Birth: At-Home Delivery  | 2             | 1.2     | 3                | 2.1     | 13           | 0.6     | 6               | 0.5     | 3             | 0.5     | 2               | 2.2     | 1               | 0.2     |
| Method of Delivery: Cesarean      | 54            | 32.3    | 46               | 33.3    | 749          | 35.5    | 320             | 26.4    | 153           | 28.5    | 34              | 38.2    | 172             | 34.5    |
| Infant Care: Breastfed            | 95            | 59.7    | 70               | 60.3    | 1,588        | 81.1    | 677             | 58.9    | 215           | 45.5    | 61              | 70.1    | 331             | 72.9    |
| Mat. Smoking: During Preg.        | 57            | 34.3    | 47               | 33.1    | 291          | 14.0    | 300             | 24.7    | 190           | 34.3    | 28              | 31.1    | 139             | 28.3    |
| ...Quit Smoking During Preg.      | 8             | 14.0    | 7                | 14.9    | 73           | 25.1    | 61              | 20.3    | 29            | 15.3    | 1               | 3.6     | 28              | 20.1    |
| Mat. Wt.: Underweight             | 7             | 4.3     | 3                | 2.1     | 83           | 4.0     | 67              | 5.7     | 31            | 5.6     | 6               | 6.8     | 23              | 4.6     |
| Mat. Wt.: Obese                   | 47            | 28.7    | 40               | 27.6    | 440          | 21.0    | 286             | 24.3    | 161           | 29.3    | 25              | 28.4    | 131             | 26.4    |
| Mat. Sing. Wt. Gain: Low          | 25            | 16.8    | 13               | 11.2    | 212          | 12.5    | 99              | 9.7     | 56            | 16.1    | 12              | 16.2    | 44              | 11.4    |
| Mat. Sing. Wt. Gain: High         | 28            | 18.8    | 33               | 28.4    | 340          | 20.0    | 261             | 25.6    | 58            | 16.7    | 14              | 18.9    | 92              | 23.8    |
| Mother's Education: Under 12 Yrs. | 36            | 21.7    | 24               | 16.4    | 212          | 10.1    | 241             | 19.8    | 147           | 26.0    | 13              | 14.4    | 74              | 14.9    |
| Marital Status: Out-of-Wedlock    | 74            | 44.3    | 56               | 38.4    | 678          | 32.1    | 644             | 53.0    | 279           | 49.0    | 33              | 36.7    | 214             | 42.8    |
| Live Birth Order: 4 or More       | 16            | 9.7     | 11               | 7.7     | 183          | 8.7     | 128             | 10.6    | 48            | 8.5     | 15              | 16.7    | 55              | 11.0    |
| Birth Spacing: Less than 18 Mos.  | 17            | 19.5    | 14               | 16.1    | 98           | 8.7     | 101             | 14.2    | 34            | 10.9    | 6               | 10.9    | 41              | 14.7    |
| Prenatal Care: 1st Trimester      | 127           | 77.4    | 97               | 74.0    | 1,567        | 84.0    | 967             | 80.9    | 396           | 74.4    | 72              | 81.8    | 338             | 74.9    |
| Prenatal Care: 2nd Trimester      | 29            | 17.7    | 27               | 20.6    | 247          | 13.2    | 180             | 15.1    | 109           | 20.5    | 11              | 12.5    | 94              | 20.8    |
| Prenatal Care: 3rd Trimester      | 8             | 4.9     | 7                | 5.3     | 48           | 2.6     | 37              | 3.1     | 25            | 4.7     | 4               | 4.5     | 17              | 3.8     |
| Prenatal Care: None               | 0             | 0.0     | 0                | 0.0     | 4            | 0.2     | 11              | 0.9     | 2             | 0.4     | 1               | 1.1     | 2               | 0.4     |
| Prenatal Care: Inadequate         | 28            | 17.2    | 23               | 19.3    | 181          | 16.8    | 142             | 12.4    | 119           | 23.2    | 10              | 11.9    | 63              | 19.5    |
| Maternal Utilization: Medicaid    | 98            | 63.2    | 78               | 60.0    | 668          | 31.7    | 735             | 60.6    | 393           | 70.2    | 52              | 58.4    | 205             | 41.3    |
| Maternal Utilization: WIC         | 111           | 66.9    | 97               | 67.8    | 686          | 33.2    | 662             | 55.3    | 408           | 73.2    | 44              | 48.9    | 212             | 43.2    |
| Maternal Utilization: FSP         | 67            | 42.4    | 61               | 43.9    | 507          | 24.9    | 477             | 40.8    | 290           | 53.8    | 26              | 30.2    | 158             | 32.6    |
| Mother's Age: At Delivery         | 0             | 0.0     | 0                | 0.0     | 3            | 0.1     | 1               | 0.1     | 0             | 0.0     | 0               | 0.0     | 0               | 0.0     |
| Under 15                          | 8             | 4.8     | 3                | 2.1     | 38           | 1.8     | 44              | 3.6     | 28            | 4.9     | 3               | 3.3     | 5               | 1.0     |
| 15-17                             | 21            | 12.6    | 9                | 6.2     | 85           | 4.0     | 119             | 9.8     | 61            | 10.7    | 5               | 5.6     | 36              | 7.2     |
| 18-19                             | 61            | 36.5    | 64               | 43.8    | 398          | 18.9    | 402             | 33.1    | 211           | 37.1    | 24              | 26.7    | 152             | 30.4    |
| 20-24                             | 50            | 29.9    | 36               | 24.7    | 738          | 35.0    | 364             | 30.0    | 157           | 27.6    | 26              | 28.9    | 158             | 31.6    |
| 25-29                             | 18            | 10.8    | 26               | 17.8    | 600          | 28.4    | 204             | 16.8    | 83            | 14.6    | 18              | 20.0    | 104             | 20.8    |
| 30-34                             | 8             | 4.8     | 7                | 4.8     | 211          | 10.0    | 67              | 5.5     | 27            | 4.7     | 11              | 12.2    | 36              | 7.2     |
| 35-39                             | 1             | 0.6     | 1                | 0.7     | 38           | 1.8     | 13              | 1.1     | 2             | 0.4     | 3               | 3.3     | 9               | 1.8     |
| 40 and over                       |               |         |                  |         |              |         |                 |         |               |         |                 |         |                 |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Camden</u> |         | <u>Cape Girardeau</u> |         | <u>Carroll</u> |         | <u>Carter</u> |         | <u>Cass</u> |         | <u>Cedar</u> |         | <u>Chariton</u> |         |
|-----------------------------------|---------------|---------|-----------------------|---------|----------------|---------|---------------|---------|-------------|---------|--------------|---------|-----------------|---------|
|                                   | Number        | Percent | Number                | Percent | Number         | Percent | Number        | Percent | Number      | Percent | Number       | Percent | Number          | Percent |
| Live Births                       | 413           | 100.0   | 897                   | 100.0   | 119            | 100.0   | 64            | 100.0   | 1,197       | 100.0   | 148          | 100.0   | 80              | 100.0   |
| Birth Weight: Under 2500 Grams    | 21            | 5.1     | 74                    | 8.3     | 14             | 11.8    | 5             | 8.2     | 88          | 7.4     | 8            | 5.4     | 2               | 2.5     |
| Birth Weight: Above 4499 Grams    | 3             | 0.7     | 4                     | 0.4     | 0              | 0.0     | 1             | 1.6     | 18          | 1.5     | 2            | 1.4     | 2               | 2.5     |
| Gest. Age: Less than 37 Weeks     | 35            | 8.5     | 109                   | 12.3    | 17             | 14.3    | 15            | 23.8    | 129         | 10.8    | 12           | 8.2     | 10              | 12.7    |
| APGAR (5 Min.): Less than 8       | 11            | 2.7     | 53                    | 6.0     | 12             | 10.2    | 3             | 5.0     | 43          | 3.6     | 9            | 6.2     | 3               | 3.8     |
| Infant Care: NICU Admission       | 22            | 5.3     | 78                    | 8.7     | 9              | 7.6     | 2             | 3.1     | 116         | 9.7     | 3            | 2.0     | 2               | 2.5     |
| Infant Care: Transfer             | 12            | 2.9     | 4                     | 0.4     | 3              | 2.5     | 3             | 4.7     | 9           | 0.8     | 2            | 1.4     | 1               | 1.3     |
| Place of Birth: At-Home Delivery  | 3             | 0.7     | 4                     | 0.4     | 10             | 8.4     | 0             | 0.0     | 13          | 1.1     | 17           | 11.5    | 5               | 6.3     |
| Method of Delivery: Cesarean      | 130           | 31.6    | 287                   | 32.7    | 41             | 34.5    | 19            | 31.1    | 323         | 27.0    | 41           | 27.9    | 21              | 26.3    |
| Infant Care: Breastfed            | 275           | 68.2    | 486                   | 67.3    | 81             | 71.7    | 24            | 47.1    | 903         | 77.1    | 109          | 76.8    | 56              | 74.7    |
| Mat. Smoking: During Preg.        | 104           | 25.2    | 159                   | 18.0    | 30             | 25.2    | 22            | 34.9    | 253         | 21.2    | 36           | 25.0    | 11              | 13.8    |
| ...Quit Smoking During Preg.      | 12            | 11.5    | 24                    | 15.1    | 8              | 26.7    | 8             | 36.4    | 63          | 24.9    | 7            | 19.4    | 4               | 36.4    |
| Mat. Wt.: Underweight             | 26            | 6.3     | 38                    | 4.3     | 5              | 4.2     | 5             | 8.2     | 37          | 3.2     | 4            | 2.7     | 3               | 3.8     |
| Mat. Wt.: Obese                   | 87            | 21.2    | 195                   | 22.2    | 39             | 32.8    | 18            | 29.5    | 272         | 23.8    | 30           | 20.5    | 19              | 23.8    |
| Mat. Sing. Wt. Gain: Low          | 40            | 10.8    | 65                    | 9.2     | 8              | 8.0     | 3             | 8.8     | 86          | 8.6     | 14           | 11.1    | 8               | 12.1    |
| Mat. Sing. Wt. Gain: High         | 84            | 22.8    | 174                   | 24.5    | 18             | 18.0    | 11            | 32.4    | 200         | 19.9    | 20           | 15.9    | 14              | 21.2    |
| Mother's Education: Under 12 Yrs. | 71            | 17.2    | 114                   | 12.8    | 23             | 19.3    | 17            | 26.6    | 145         | 12.1    | 35           | 23.6    | 16              | 20.0    |
| Marital Status: Out-of-Wedlock    | 149           | 36.1    | 382                   | 42.6    | 45             | 37.8    | 28            | 43.8    | 384         | 32.1    | 58           | 39.2    | 21              | 26.3    |
| Live Birth Order: 4 or More       | 43            | 10.4    | 87                    | 10.0    | 13             | 10.9    | 7             | 10.9    | 149         | 12.5    | 25           | 17.0    | 8               | 10.0    |
| Birth Spacing: Less than 18 Mos.  | 27            | 11.5    | 61                    | 13.5    | 5              | 7.4     | 8             | 27.6    | 77          | 10.8    | 12           | 13.8    | 4               | 7.7     |
| Prenatal Care: 1st Trimester      | 328           | 80.6    | 584                   | 74.3    | 94             | 81.7    | 40            | 64.5    | 874         | 75.4    | 105          | 76.1    | 62              | 86.1    |
| Prenatal Care: 2nd Trimester      | 75            | 18.4    | 171                   | 21.8    | 17             | 14.8    | 18            | 29.0    | 240         | 20.7    | 28           | 20.3    | 6               | 8.3     |
| Prenatal Care: 3rd Trimester      | 4             | 1.0     | 26                    | 3.3     | 4              | 3.5     | 4             | 6.5     | 41          | 3.5     | 5            | 3.6     | 1               | 1.4     |
| Prenatal Care: None               | 0             | 0.0     | 5                     | 0.6     | 0              | 0.0     | 0             | 0.0     | 4           | 0.3     | 0            | 0.0     | 3               | 4.2     |
| Prenatal Care: Inadequate         | 36            | 9.2     | 109                   | 14.9    | 22             | 20.0    | 21            | 35.6    | 183         | 16.2    | 21           | 16.4    | 9               | 20.0    |
| Maternal Utilization: Medicaid    | 270           | 65.9    | 367                   | 47.1    | 54             | 45.4    | 48            | 76.2    | 430         | 36.7    | 81           | 55.9    | 27              | 33.8    |
| Maternal Utilization: WIC         | 238           | 57.8    | 420                   | 47.6    | 62             | 52.5    | 54            | 84.4    | 454         | 38.5    | 80           | 54.8    | 34              | 42.5    |
| Maternal Utilization: FSP         | 147           | 35.7    | 286                   | 33.0    | 35             | 30.2    | 34            | 58.6    | 260         | 31.6    | 62           | 44.3    | 19              | 24.7    |
| Mother's Age: At Delivery         | 0             | 0.0     | 1                     | 0.1     | 0              | 0.0     | 0             | 0.0     | 2           | 0.2     | 0            | 0.0     | 1               | 1.3     |
| Under 15                          | 15            | 3.6     | 22                    | 2.5     | 2              | 1.7     | 1             | 1.6     | 35          | 2.9     | 4            | 2.7     | 1               | 1.3     |
| 15-17                             | 28            | 6.8     | 78                    | 8.7     | 11             | 9.2     | 12            | 18.8    | 56          | 4.7     | 11           | 7.4     | 5               | 6.3     |
| 18-19                             | 128           | 31.0    | 252                   | 28.1    | 31             | 26.1    | 21            | 32.8    | 294         | 24.6    | 54           | 36.5    | 21              | 26.3    |
| 20-24                             | 129           | 31.2    | 278                   | 31.0    | 34             | 28.6    | 17            | 26.6    | 381         | 31.9    | 45           | 30.4    | 31              | 38.8    |
| 25-29                             | 73            | 17.7    | 191                   | 21.3    | 30             | 25.2    | 8             | 12.5    | 302         | 25.3    | 22           | 14.9    | 13              | 16.3    |
| 30-34                             | 34            | 8.2     | 64                    | 7.1     | 9              | 7.6     | 4             | 6.3     | 108         | 9.0     | 11           | 7.4     | 6               | 7.5     |
| 35-39                             | 6             | 1.5     | 11                    | 1.2     | 2              | 1.7     | 1             | 1.6     | 18          | 1.5     | 1            | 0.7     | 2               | 2.5     |
| 40 and over                       |               |         |                       |         |                |         |               |         |             |         |              |         |                 |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Christian</u> |         | <u>Clark</u> |         | <u>Clay</u> |         | <u>Clinton</u> |         | <u>Cole</u> |         | <u>Cooper</u> |         | <u>Crawford</u> |         |
|-----------------------------------|------------------|---------|--------------|---------|-------------|---------|----------------|---------|-------------|---------|---------------|---------|-----------------|---------|
|                                   | Number           | Percent | Number       | Percent | Number      | Percent | Number         | Percent | Number      | Percent | Number        | Percent | Number          | Percent |
| Live Births                       | 996              | 100.0   | 68           | 100.0   | 3,005       | 100.0   | 249            | 100.0   | 902         | 100.0   | 202           | 100.0   | 265             | 100.0   |
| Birth Weight: Under 2500 Grams    | 53               | 5.3     | 4            | 5.9     | 186         | 6.2     | 16             | 6.4     | 75          | 8.3     | 13            | 6.4     | 14              | 5.3     |
| Birth Weight: Above 4499 Grams    | 8                | 0.8     | 3            | 4.4     | 28          | 0.9     | 5              | 2.0     | 13          | 1.4     | 2             | 1.0     | 4               | 1.5     |
| Gest. Age: Less than 37 Weeks     | 102              | 10.2    | 7            | 10.3    | 312         | 10.4    | 18             | 7.3     | 103         | 11.4    | 21            | 10.4    | 24              | 9.1     |
| APGAR (5 Min.): Less than 8       | 55               | 5.5     | 3            | 4.4     | 131         | 4.4     | 13             | 5.2     | 38          | 4.2     | 13            | 6.4     | 17              | 6.4     |
| Infant Care: NICU Admission       | 60               | 6.0     | 2            | 2.9     | 246         | 8.2     | 14             | 5.6     | 55          | 6.1     | 15            | 7.4     | 15              | 5.7     |
| Infant Care: Transfer             | 1                | 0.1     | 0            | 0.0     | 30          | 1.0     | 5              | 2.0     | 8           | 0.9     | 1             | 0.5     | 6               | 2.3     |
| Place of Birth: At-Home Delivery  | 11               | 1.1     | 4            | 5.9     | 27          | 0.9     | 2              | 0.8     | 0           | 0.0     | 13            | 6.4     | 3               | 1.1     |
| Method of Delivery: Cesarean      | 265              | 27.7    | 22           | 32.4    | 862         | 28.7    | 87             | 34.9    | 275         | 30.5    | 58            | 28.7    | 86              | 32.8    |
| Infant Care: Breastfed            | 749              | 77.3    | 40           | 62.5    | 2,323       | 80.5    | 178            | 73.6    | 688         | 79.7    | 132           | 69.8    | 162             | 64.5    |
| Mat. Smoking: During Preg.        | 145              | 14.6    | 20           | 29.9    | 440         | 14.7    | 59             | 23.7    | 172         | 19.2    | 53            | 26.5    | 81              | 30.7    |
| ...Quit Smoking During Preg.      | 41               | 28.3    | 4            | 20.0    | 102         | 23.2    | 9              | 15.3    | 47          | 27.3    | 15            | 28.3    | 13              | 16.0    |
| Mat. Wt.: Underweight             | 38               | 3.9     | 1            | 1.5     | 117         | 4.0     | 10             | 4.0     | 37          | 4.1     | 4             | 2.0     | 6               | 2.3     |
| Mat. Wt.: Obese                   | 205              | 20.9    | 19           | 27.9    | 636         | 21.6    | 51             | 20.6    | 233         | 26.0    | 63            | 31.3    | 82              | 31.2    |
| Mat. Sing. Wt. Gain: Low          | 79               | 9.2     | 8            | 13.1    | 240         | 9.3     | 25             | 11.1    | 93          | 12.1    | 33            | 19.4    | 27              | 11.9    |
| Mat. Sing. Wt. Gain: High         | 199              | 23.2    | 14           | 23.0    | 565         | 21.9    | 54             | 23.9    | 157         | 20.4    | 34            | 20.0    | 39              | 17.2    |
| Mother's Education: Under 12 Yrs. | 108              | 10.8    | 11           | 16.2    | 296         | 9.9     | 27             | 10.8    | 110         | 12.2    | 32            | 15.8    | 60              | 22.7    |
| Marital Status: Out-of-Wedlock    | 245              | 24.6    | 25           | 36.8    | 941         | 31.3    | 79             | 31.7    | 347         | 38.5    | 72            | 35.6    | 105             | 39.6    |
| Live Birth Order: 4 or More       | 87               | 8.8     | 9            | 13.2    | 306         | 10.2    | 24             | 9.6     | 108         | 12.0    | 36            | 17.8    | 36              | 13.7    |
| Birth Spacing: Less than 18 Mos.  | 50               | 9.3     | 7            | 15.2    | 150         | 9.1     | 17             | 10.6    | 57          | 11.0    | 21            | 17.4    | 21              | 14.4    |
| Prenatal Care: 1st Trimester      | 755              | 81.3    | 54           | 80.6    | 2,209       | 75.5    | 204            | 83.6    | 594         | 67.7    | 142           | 78.0    | 191             | 74.0    |
| Prenatal Care: 2nd Trimester      | 142              | 15.3    | 11           | 16.4    | 606         | 20.7    | 36             | 14.8    | 241         | 27.5    | 37            | 20.3    | 59              | 22.9    |
| Prenatal Care: 3rd Trimester      | 20               | 2.2     | 2            | 3.0     | 91          | 3.1     | 3              | 1.2     | 36          | 4.1     | 2             | 1.1     | 6               | 2.3     |
| Prenatal Care: None               | 12               | 1.3     | 0            | 0.0     | 20          | 0.7     | 1              | 0.4     | 6           | 0.7     | 1             | 0.5     | 2               | 0.8     |
| Prenatal Care: Inadequate         | 93               | 10.6    | 10           | 15.2    | 448         | 15.6    | 24             | 10.1    | 151         | 18.7    | 22            | 21.0    | 45              | 18.1    |
| Maternal Utilization: Medicaid    | 388              | 39.8    | 41           | 60.3    | 869         | 29.4    | 100            | 40.3    | 321         | 35.7    | 78            | 38.6    | 128             | 54.7    |
| Maternal Utilization: WIC         | 393              | 40.3    | 42           | 61.8    | 922         | 30.9    | 121            | 48.8    | 360         | 40.4    | 93            | 46.0    | 167             | 63.5    |
| Maternal Utilization: FSP         | 225              | 23.7    | 11           | 44.0    | 604         | 21.8    | 69             | 28.3    | 245         | 27.6    | 64            | 33.0    | 128             | 49.2    |
| Mother's Age: At Delivery         | 2                | 0.2     | 0            | 0.0     | 2           | 0.1     | 0              | 0.0     | 0           | 0.0     | 0             | 0.0     | 0               | 0.0     |
| Under 15                          | 19               | 1.9     | 2            | 2.9     | 43          | 1.4     | 7              | 2.8     | 27          | 3.0     | 3             | 1.5     | 5               | 1.9     |
| 15-17                             | 47               | 4.7     | 5            | 7.4     | 146         | 4.9     | 14             | 5.6     | 44          | 4.9     | 16            | 7.9     | 27              | 10.2    |
| 18-19                             | 252              | 25.3    | 14           | 20.6    | 608         | 20.2    | 71             | 28.5    | 236         | 26.2    | 55            | 27.2    | 94              | 35.5    |
| 20-24                             | 343              | 34.4    | 26           | 38.2    | 1,022       | 34.0    | 85             | 34.1    | 290         | 32.2    | 73            | 36.1    | 73              | 27.5    |
| 25-29                             | 226              | 22.7    | 15           | 22.1    | 828         | 27.6    | 56             | 22.5    | 209         | 23.2    | 32            | 15.8    | 44              | 16.6    |
| 30-34                             | 89               | 8.9     | 6            | 8.8     | 307         | 10.2    | 10             | 4.0     | 85          | 9.4     | 23            | 11.4    | 17              | 6.4     |
| 35-39                             | 18               | 1.8     | 0            | 0.0     | 48          | 1.6     | 6              | 2.4     | 11          | 1.2     | 0             | 0.0     | 5               | 1.9     |
| 40 and over                       |                  |         |              |         |             |         |                |         |             |         |               |         |                 |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Dade</u> |         | <u>Dallas</u> |         | <u>Daviness</u> |         | <u>Dekalb</u> |         | <u>Dent</u> |         | <u>Douglas</u> |         | <u>Dunklin</u> |         |
|-----------------------------------|-------------|---------|---------------|---------|-----------------|---------|---------------|---------|-------------|---------|----------------|---------|----------------|---------|
|                                   | Number      | Percent | Number        | Percent | Number          | Percent | Number        | Percent | Number      | Percent | Number         | Percent | Number         | Percent |
| Live Births                       | 73          | 100.0   | 206           | 100.0   | 110             | 100.0   | 116           | 100.0   | 173         | 100.0   | 167            | 100.0   | 480            | 100.0   |
| Birth Weight: Under 2500 Grams    | 9           | 12.3    | 18            | 8.8     | 7               | 6.4     | 10            | 8.6     | 14          | 8.1     | 14             | 8.4     | 62             | 13.2    |
| Birth Weight: Above 4499 Grams    | 1           | 1.4     | 3             | 1.5     | 2               | 1.8     | 0             | 0.0     | 0           | 0.0     | 4              | 2.4     | 2              | 0.4     |
| Gest. Age: Less than 37 Weeks     | 15          | 20.5    | 19            | 9.3     | 9               | 8.2     | 13            | 11.2    | 18          | 10.6    | 18             | 10.8    | 77             | 16.7    |
| APGAR (5 Min.): Less than 8       | 4           | 5.5     | 10            | 4.9     | 5               | 4.5     | 5             | 4.4     | 24          | 14.0    | 12             | 7.3     | 45             | 9.7     |
| Infant Care: NICU Admission       | 6           | 8.2     | 18            | 8.7     | 8               | 7.3     | 6             | 5.2     | 8           | 4.6     | 12             | 7.2     | 32             | 6.7     |
| Infant Care: Transfer             | 0           | 0.0     | 3             | 1.5     | 3               | 2.7     | 4             | 3.4     | 2           | 1.2     | 0              | 0.0     | 32             | 6.7     |
| Place of Birth: At-Home Delivery  | 1           | 1.4     | 17            | 8.3     | 18              | 16.4    | 1             | 0.9     | 2           | 1.2     | 3              | 1.8     | 1              | 0.2     |
| Method of Delivery: Cesarean      | 22          | 30.1    | 47            | 23.4    | 34              | 31.5    | 45            | 38.8    | 42          | 24.9    | 47             | 29.0    | 167            | 36.5    |
| Infant Care: Breastfed            | 48          | 72.7    | 135           | 73.0    | 79              | 75.2    | 81            | 73.6    | 123         | 75.5    | 109            | 76.8    | 122            | 30.5    |
| Mat. Smoking: During Preg.        | 19          | 26.0    | 39            | 19.1    | 20              | 18.2    | 25            | 21.7    | 52          | 30.6    | 40             | 24.1    | 140            | 29.9    |
| ...Quit Smoking During Preg.      | 2           | 10.5    | 10            | 25.6    | 4               | 20.0    | 2             | 8.0     | 6           | 11.5    | 6              | 15.0    | 18             | 12.9    |
| Mat. Wt.: Underweight             | 6           | 8.2     | 7             | 3.5     | 3               | 3.1     | 3             | 2.6     | 10          | 5.9     | 9              | 5.5     | 26             | 5.9     |
| Mat. Wt.: Obese                   | 17          | 23.3    | 48            | 24.1    | 23              | 23.5    | 36            | 31.3    | 44          | 25.9    | 50             | 30.7    | 130            | 29.3    |
| Mat. Sing. Wt. Gain: Low          | 11          | 19.6    | 21            | 11.9    | 10              | 11.2    | 8             | 7.8     | 17          | 14.3    | 14             | 10.5    | 64             | 20.5    |
| Mat. Sing. Wt. Gain: High         | 7           | 12.5    | 35            | 19.8    | 18              | 20.2    | 19            | 18.4    | 32          | 26.9    | 23             | 17.3    | 69             | 22.1    |
| Mother's Education: Under 12 Yrs. | 17          | 23.3    | 77            | 37.9    | 44              | 40.0    | 19            | 16.4    | 50          | 29.1    | 27             | 16.4    | 148            | 31.0    |
| Marital Status: Out-of-Wedlock    | 22          | 30.1    | 72            | 35.0    | 32              | 29.1    | 47            | 40.5    | 73          | 42.2    | 48             | 28.7    | 249            | 51.9    |
| Live Birth Order: 4 or More       | 8           | 11.0    | 36            | 17.6    | 22              | 20.0    | 16            | 13.8    | 20          | 12.0    | 24             | 14.5    | 64             | 13.9    |
| Birth Spacing: Less than 18 Mos.  | 4           | 9.3     | 21            | 16.3    | 14              | 22.2    | 5             | 7.7     | 13          | 17.8    | 10             | 10.8    | 37             | 15.1    |
| Prenatal Care: 1st Trimester      | 46          | 67.6    | 137           | 69.9    | 69              | 62.7    | 92            | 80.7    | 108         | 67.1    | 115            | 73.2    | 326            | 74.8    |
| Prenatal Care: 2nd Trimester      | 19          | 27.9    | 54            | 27.6    | 31              | 28.2    | 17            | 14.9    | 40          | 24.8    | 32             | 20.4    | 87             | 20.0    |
| Prenatal Care: 3rd Trimester      | 3           | 4.4     | 4             | 2.0     | 8               | 7.3     | 5             | 4.4     | 11          | 6.8     | 7              | 4.5     | 17             | 3.9     |
| Prenatal Care: None               | 0           | 0.0     | 1             | 0.5     | 2               | 1.8     | 0             | 0.0     | 2           | 1.2     | 3              | 1.9     | 6              | 1.4     |
| Prenatal Care: Inadequate         | 10          | 15.4    | 31            | 16.6    | 38              | 35.8    | 11            | 10.2    | 29          | 18.6    | 23             | 16.0    | 91             | 21.4    |
| Maternal Utilization: Medicaid    | 28          | 38.4    | 115           | 56.9    | 46              | 41.8    | 60            | 51.7    | 67          | 54.0    | 103            | 62.4    | 338            | 81.8    |
| Maternal Utilization: WIC         | 38          | 52.1    | 104           | 51.0    | 52              | 49.1    | 58            | 50.0    | 110         | 64.3    | 128            | 78.5    | 364            | 81.6    |
| Maternal Utilization: FSP         | 27          | 39.1    | 81            | 41.5    | 26              | 25.0    | 26            | 22.4    | 77          | 45.3    | 71             | 46.1    | 266            | 61.7    |
| Mother's Age: At Delivery         | 0           | 0.0     | 0             | 0.0     | 0               | 0.0     | 0             | 0.0     | 0           | 0.0     | 0              | 0.0     | 1              | 0.2     |
| Under 15                          | 1           | 1.4     | 8             | 3.9     | 4               | 3.6     | 2             | 1.7     | 6           | 3.5     | 2              | 1.2     | 12             | 2.5     |
| 15-17                             | 9           | 12.3    | 20            | 9.7     | 12              | 10.9    | 6             | 5.2     | 24          | 13.9    | 14             | 8.4     | 63             | 13.1    |
| 18-19                             | 12          | 16.4    | 72            | 35.0    | 35              | 31.8    | 38            | 32.8    | 71          | 41.0    | 57             | 34.3    | 201            | 41.9    |
| 20-24                             | 25          | 34.2    | 58            | 28.2    | 36              | 32.7    | 40            | 34.5    | 37          | 21.4    | 50             | 30.1    | 126            | 26.3    |
| 25-29                             | 20          | 27.4    | 23            | 11.2    | 16              | 14.5    | 22            | 19.0    | 26          | 15.0    | 28             | 16.9    | 57             | 11.9    |
| 30-34                             | 3           | 4.1     | 20            | 9.7     | 6               | 5.5     | 6             | 5.2     | 7           | 4.0     | 13             | 7.8     | 18             | 3.8     |
| 35-39                             | 3           | 4.1     | 5             | 2.4     | 1               | 0.9     | 2             | 1.7     | 2           | 1.2     | 2              | 1.2     | 2              | 0.4     |
| 40 and over                       | 3           | 4.1     | 5             | 2.4     | 1               | 0.9     | 2             | 1.7     | 2           | 1.2     | 2              | 1.2     | 2              | 0.4     |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Franklin</u> |         | <u>Gasconade</u> |         | <u>Gentry</u> |         | <u>Greene</u> |         | <u>Grundy</u> |         | <u>Harrison</u> |         | <u>Henry</u> |         |
|-----------------------------------|-----------------|---------|------------------|---------|---------------|---------|---------------|---------|---------------|---------|-----------------|---------|--------------|---------|
|                                   | Number          | Percent | Number           | Percent | Number        | Percent | Number        | Percent | Number        | Percent | Number          | Percent | Number       | Percent |
| Live Births                       | 1,274           | 100.0   | 153              | 100.0   | 71            | 100.0   | 3,553         | 100.0   | 118           | 100.0   | 116             | 100.0   | 273          | 100.0   |
| Birth Weight: Under 2500 Grams    | 77              | 6.1     | 9                | 5.9     | 4             | 5.6     | 267           | 7.5     | 4             | 3.4     | 11              | 9.6     | 14           | 5.1     |
| Birth Weight: Above 4499 Grams    | 20              | 1.6     | 7                | 4.6     | 0             | 0.0     | 36            | 1.0     | 1             | 0.8     | 2               | 1.7     | 5            | 1.8     |
| Gest. Age: Less than 37 Weeks     | 136             | 10.7    | 15               | 9.8     | 7             | 10.1    | 373           | 10.5    | 12            | 10.3    | 16              | 13.8    | 15           | 5.5     |
| APGAR (5 Min.): Less than 8       | 31              | 2.4     | 7                | 4.7     | 4             | 6.2     | 180           | 5.1     | 15            | 12.8    | 9               | 7.9     | 26           | 9.6     |
| Infant Care: NICU Admission       | 58              | 4.6     | 5                | 3.3     | 3             | 4.2     | 266           | 7.5     | 1             | 0.8     | 4               | 3.4     | 7            | 2.6     |
| Infant Care: Transfer             | 32              | 2.5     | 0                | 0.0     | 3             | 4.2     | 4             | 0.1     | 2             | 1.7     | 4               | 3.4     | 5            | 1.8     |
| Place of Birth: At-Home Delivery  | 2               | 0.2     | 2                | 1.3     | 9             | 12.7    | 61            | 1.7     | 17            | 14.4    | 2               | 1.7     | 6            | 2.2     |
| Method of Delivery: Cesarean      | 442             | 34.7    | 64               | 41.8    | 19            | 27.1    | 919           | 26.7    | 35            | 29.7    | 45              | 38.8    | 71           | 26.0    |
| Infant Care: Breastfed            | 799             | 64.2    | 91               | 60.3    | 46            | 69.7    | 2,555         | 84.5    | 73            | 67.6    | 66              | 62.3    | 130          | 49.8    |
| Mat. Smoking: During Preg.        | 286             | 22.6    | 37               | 24.2    | 15            | 21.1    | 658           | 18.6    | 32            | 27.1    | 39              | 33.6    | 79           | 29.2    |
| ...Quit Smoking During Preg.      | 64              | 22.4    | 7                | 18.9    | 1             | 6.7     | 154           | 23.4    | 7             | 21.9    | 7               | 17.9    | 9            | 11.4    |
| Mat. Wt.: Underweight             | 70              | 5.5     | 8                | 5.3     | 5             | 7.0     | 211           | 6.0     | 7             | 6.9     | 5               | 4.4     | 21           | 7.7     |
| Mat. Wt.: Obese                   | 336             | 26.5    | 48               | 31.6    | 21            | 29.6    | 765           | 21.9    | 27            | 26.5    | 33              | 28.9    | 66           | 24.4    |
| Mat. Sing. Wt. Gain: Low          | 120             | 10.8    | 23               | 17.6    | 13            | 21.0    | 312           | 10.4    | 12            | 14.0    | 7               | 7.3     | 24           | 10.1    |
| Mat. Sing. Wt. Gain: High         | 230             | 20.6    | 21               | 16.0    | 8             | 12.9    | 701           | 23.3    | 17            | 19.8    | 19              | 19.8    | 57           | 24.1    |
| Mother's Education: Under 12 Yrs. | 208             | 16.3    | 20               | 13.1    | 19            | 26.8    | 486           | 13.7    | 38            | 32.8    | 29              | 25.2    | 50           | 18.4    |
| Marital Status: Out-of-Wedlock    | 475             | 37.3    | 50               | 32.7    | 20            | 28.2    | 1,301         | 36.6    | 42            | 35.6    | 48              | 41.4    | 120          | 44.0    |
| Live Birth Order: 4 or More       | 165             | 13.0    | 21               | 13.7    | 9             | 12.7    | 325           | 9.2     | 22            | 18.6    | 13              | 11.2    | 22           | 8.1     |
| Birth Spacing: Less than 18 Mos.  | 90              | 12.2    | 6                | 6.4     | 10            | 22.2    | 222           | 12.8    | 8             | 11.0    | 9               | 14.1    | 13           | 9.2     |
| Prenatal Care: 1st Trimester      | 1,017           | 81.4    | 124              | 84.9    | 45            | 68.2    | 2,371         | 75.2    | 74            | 65.5    | 84              | 77.1    | 188          | 69.9    |
| Prenatal Care: 2nd Trimester      | 200             | 16.0    | 19               | 13.0    | 13            | 19.7    | 604           | 19.2    | 30            | 26.5    | 21              | 19.3    | 63           | 23.4    |
| Prenatal Care: 3rd Trimester      | 23              | 1.8     | 3                | 2.1     | 6             | 9.1     | 89            | 2.8     | 9             | 8.0     | 3               | 2.8     | 17           | 6.3     |
| Prenatal Care: None               | 9               | 0.7     | 0                | 0.0     | 2             | 3.0     | 88            | 2.8     | 0             | 0.0     | 1               | 0.9     | 1            | 0.4     |
| Prenatal Care: Inadequate         | 134             | 10.8    | 15               | 10.9    | 15            | 23.8    | 509           | 17.4    | 40            | 34.8    | 22              | 20.4    | 55           | 20.4    |
| Maternal Utilization: Medicaid    | 494             | 39.9    | 61               | 43.3    | 34            | 48.6    | 1,700         | 48.7    | 55            | 47.4    | 69              | 59.5    | 119          | 50.0    |
| Maternal Utilization: WIC         | 526             | 41.5    | 64               | 43.0    | 40            | 56.3    | 1,804         | 51.8    | 63            | 58.9    | 70              | 60.3    | 151          | 57.0    |
| Maternal Utilization: FSP         | 366             | 29.5    | 45               | 29.8    | 21            | 30.9    | 1,247         | 36.5    | 32            | 32.0    | 43              | 37.7    | 108          | 43.0    |
| Mother's Age: At Delivery         | 2               | 0.2     | 0                | 0.0     | 0             | 0.0     | 5             | 0.1     | 0             | 0.0     | 0               | 0.0     | 0            | 0.0     |
| Under 15                          | 37              | 2.9     | 1                | 0.7     | 1             | 1.4     | 72            | 2.0     | 6             | 5.1     | 3               | 2.6     | 11           | 4.0     |
| 15-17                             | 94              | 7.4     | 12               | 7.8     | 6             | 8.5     | 226           | 6.4     | 15            | 12.7    | 14              | 12.1    | 25           | 9.2     |
| 18-19                             | 347             | 27.2    | 50               | 32.7    | 28            | 39.4    | 993           | 27.9    | 34            | 28.8    | 38              | 32.8    | 95           | 34.8    |
| 20-24                             | 394             | 30.9    | 50               | 32.7    | 21            | 29.6    | 1,137         | 32.0    | 25            | 21.2    | 37              | 31.9    | 87           | 31.9    |
| 25-29                             | 263             | 20.6    | 28               | 18.3    | 10            | 14.1    | 816           | 23.0    | 29            | 24.6    | 20              | 17.2    | 35           | 12.8    |
| 30-34                             | 113             | 8.9     | 10               | 6.5     | 4             | 5.6     | 258           | 7.3     | 4             | 3.4     | 4               | 3.4     | 17           | 6.2     |
| 35-39                             | 24              | 1.9     | 2                | 1.3     | 1             | 1.4     | 46            | 1.3     | 5             | 4.2     | 0               | 0.0     | 3            | 1.1     |
| 40 and over                       |                 |         |                  |         |               |         |               |         |               |         |                 |         |              |         |



Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Hickory</u> |         | <u>Holt</u> |         | <u>Howard</u> |         | <u>Howell</u> |         | <u>Iron</u> |         | <u>Jackson</u> |         | <u>Jasper</u> |         |
|-----------------------------------|----------------|---------|-------------|---------|---------------|---------|---------------|---------|-------------|---------|----------------|---------|---------------|---------|
|                                   | Number         | Percent | Number      | Percent | Number        | Percent | Number        | Percent | Number      | Percent | Number         | Percent | Number        | Percent |
| Live Births                       | 81             | 100.0   | 49          | 100.0   | 123           | 100.0   | 546           | 100.0   | 118         | 100.0   | 9,583          | 100.0   | 1,688         | 100.0   |
| Birth Weight: Under 2500 Grams    | 9              | 11.1    | 4           | 8.2     | 7             | 5.7     | 36            | 6.6     | 8           | 6.8     | 794            | 8.3     | 116           | 6.9     |
| Birth Weight: Above 4499 Grams    | 2              | 2.5     | 1           | 2.0     | 4             | 3.3     | 5             | 0.9     | 1           | 0.9     | 101            | 1.1     | 19            | 1.1     |
| Gest. Age: Less than 37 Weeks     | 14             | 17.5    | 5           | 10.2    | 18            | 14.6    | 64            | 11.7    | 10          | 8.5     | 1,122          | 11.7    | 190           | 11.3    |
| APGAR (5 Min.): Less than 8       | 10             | 12.7    | 1           | 2.0     | 2             | 1.6     | 65            | 11.9    | 5           | 4.2     | 524            | 5.5     | 62            | 3.7     |
| Infant Care: NICU Admission       | 5              | 6.2     | 5           | 10.2    | 12            | 9.8     | 26            | 4.8     | 3           | 2.5     | 912            | 9.5     | 104           | 6.2     |
| Infant Care: Transfer             | 2              | 2.5     | 2           | 4.1     | 0             | 0.0     | 14            | 2.6     | 3           | 2.5     | 88             | 0.9     | 11            | 0.7     |
| Place of Birth: At-Home Delivery  | 5              | 6.2     | 2           | 4.1     | 1             | 0.8     | 5             | 0.9     | 0           | 0.0     | 120            | 1.3     | 16            | 0.9     |
| Method of Delivery: Cesarean      | 21             | 25.9    | 18          | 36.7    | 49            | 39.8    | 132           | 24.3    | 46          | 39.3    | 2,615          | 27.4    | 498           | 29.5    |
| Infant Care: Breastfed            | 56             | 73.7    | 31          | 66.0    | 83            | 70.3    | 367           | 72.2    | 45          | 38.8    | 6,748          | 75.9    | 1,216         | 72.8    |
| Mat. Smoking: During Preg.        | 21             | 25.9    | 17          | 34.7    | 25            | 20.7    | 130           | 24.0    | 43          | 36.4    | 1,485          | 15.7    | 362           | 21.6    |
| ...Quit Smoking During Preg.      | 5              | 23.8    | 4           | 23.5    | 6             | 24.0    | 23            | 17.7    | 7           | 16.3    | 384            | 25.9    | 71            | 19.6    |
| Mat. Wt.: Underweight             | 1              | 1.3     | 1           | 2.1     | 3             | 2.5     | 34            | 6.5     | 11          | 9.4     | 374            | 4.1     | 76            | 4.6     |
| Mat. Wt.: Obese                   | 25             | 31.3    | 9           | 19.1    | 31            | 25.4    | 130           | 24.8    | 36          | 30.8    | 2,264          | 24.9    | 457           | 27.6    |
| Mat. Sing. Wt. Gain: Low          | 9              | 14.5    | 4           | 9.1     | 14            | 14.4    | 69            | 15.1    | 10          | 9.4     | 877            | 11.1    | 210           | 14.5    |
| Mat. Sing. Wt. Gain: High         | 12             | 19.4    | 10          | 22.7    | 17            | 17.5    | 97            | 21.3    | 25          | 23.6    | 1,614          | 20.4    | 251           | 17.3    |
| Mother's Education: Under 12 Yrs. | 18             | 22.2    | 5           | 10.2    | 9             | 7.4     | 119           | 21.8    | 20          | 16.9    | 1,856          | 19.5    | 374           | 22.2    |
| Marital Status: Out-of-Wedlock    | 42             | 51.9    | 14          | 28.6    | 43            | 35.0    | 208           | 38.1    | 60          | 50.8    | 4,839          | 50.5    | 724           | 42.9    |
| Live Birth Order: 4 or More       | 12             | 14.8    | 5           | 10.2    | 15            | 12.2    | 85            | 15.6    | 11          | 9.3     | 1,269          | 13.3    | 201           | 11.9    |
| Birth Spacing: Less than 18 Mos.  | 6              | 12.8    | 1           | 3.2     | 11            | 14.5    | 45            | 13.2    | 11          | 15.9    | 679            | 12.8    | 129           | 13.0    |
| Prenatal Care: 1st Trimester      | 54             | 72.0    | 34          | 70.8    | 92            | 84.4    | 386           | 72.4    | 72          | 62.6    | 6,034          | 66.1    | 1,082         | 65.1    |
| Prenatal Care: 2nd Trimester      | 19             | 25.3    | 14          | 29.2    | 16            | 14.7    | 125           | 23.5    | 34          | 29.6    | 2,463          | 27.0    | 485           | 29.2    |
| Prenatal Care: 3rd Trimester      | 2              | 2.7     | 0           | 0.0     | 1             | 0.9     | 19            | 3.6     | 8           | 7.0     | 491            | 5.4     | 68            | 4.1     |
| Prenatal Care: None               | 0              | 0.0     | 0           | 0.0     | 0             | 0.0     | 3             | 0.6     | 1           | 0.9     | 136            | 1.5     | 28            | 1.7     |
| Prenatal Care: Inadequate         | 13             | 17.6    | 4           | 8.3     | 11            | 18.0    | 84            | 16.0    | 29          | 25.9    | 2,178          | 24.2    | 464           | 28.6    |
| Maternal Utilization: Medicaid    | 48             | 59.3    | 20          | 40.8    | 51            | 41.5    | 367           | 69.8    | 70          | 60.3    | 4,638          | 49.9    | 938           | 55.7    |
| Maternal Utilization: WIC         | 48             | 59.3    | 24          | 49.0    | 52            | 43.0    | 377           | 71.8    | 93          | 79.5    | 4,883          | 51.9    | 886           | 53.3    |
| Maternal Utilization: FSP         | 33             | 40.7    | 13          | 27.7    | 29            | 24.8    | 256           | 49.0    | 57          | 49.6    | 3,245          | 40.7    | 569           | 35.5    |
| Mother's Age: At Delivery         | 1              | 1.2     | 0           | 0.0     | 0             | 0.0     | 0             | 0.0     | 0           | 0.0     | 13             | 0.1     | 2             | 0.1     |
| 15-17                             | 2              | 2.5     | 1           | 2.0     | 2             | 1.6     | 23            | 4.2     | 3           | 2.5     | 240            | 2.5     | 56            | 3.3     |
| 18-19                             | 8              | 9.9     | 4           | 8.2     | 7             | 5.7     | 59            | 10.8    | 15          | 12.7    | 652            | 6.8     | 153           | 9.1     |
| 20-24                             | 27             | 33.3    | 10          | 20.4    | 32            | 26.0    | 208           | 38.1    | 47          | 39.8    | 2,593          | 27.1    | 522           | 31.0    |
| 25-29                             | 22             | 27.2    | 22          | 44.9    | 48            | 39.0    | 139           | 25.5    | 28          | 23.7    | 2,899          | 30.3    | 537           | 31.9    |
| 30-34                             | 15             | 18.5    | 8           | 16.3    | 24            | 19.5    | 89            | 16.3    | 21          | 17.8    | 2,136          | 22.3    | 298           | 17.7    |
| 35-39                             | 3              | 3.7     | 4           | 8.2     | 9             | 7.3     | 23            | 4.2     | 4           | 3.4     | 858            | 9.0     | 101           | 6.0     |
| 40 and over                       | 3              | 3.7     | 0           | 0.0     | 1             | 0.8     | 5             | 0.9     | 0           | 0.0     | 190            | 2.0     | 17            | 1.0     |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Jefferson</u> |         | <u>Johnson</u> |         | <u>Knox</u> |         | <u>Laclede</u> |         | <u>Lafayette</u> |         | <u>Lawrence</u> |         | <u>Lewis</u> |         |
|-----------------------------------|------------------|---------|----------------|---------|-------------|---------|----------------|---------|------------------|---------|-----------------|---------|--------------|---------|
|                                   | Number           | Percent | Number         | Percent | Number      | Percent | Number         | Percent | Number           | Percent | Number          | Percent | Number       | Percent |
| Live Births                       | 2,662            | 100.0   | 712            | 100.0   | 53          | 100.0   | 489            | 100.0   | 378              | 100.0   | 490             | 100.0   | 109          | 100.0   |
| Birth Weight: Under 2500 Grams    | 162              | 6.1     | 31             | 4.4     | 0           | 0.0     | 33             | 6.7     | 30               | 8.0     | 41              | 8.4     | 7            | 6.6     |
| Birth Weight: Above 4499 Grams    | 27               | 1.0     | 10             | 1.4     | 0           | 0.0     | 9              | 1.8     | 4                | 1.1     | 9               | 1.8     | 1            | 0.9     |
| Gest. Age: Less than 37 Weeks     | 275              | 10.3    | 62             | 8.7     | 7           | 13.2    | 43             | 8.8     | 49               | 13.0    | 64              | 13.1    | 12           | 11.3    |
| APGAR (5 Min.): Less than 8       | 95               | 3.6     | 23             | 3.2     | 4           | 7.5     | 21             | 4.3     | 20               | 5.3     | 24              | 4.9     | 1            | 0.9     |
| Infant Care: NICU Admission       | 135              | 5.1     | 22             | 3.1     | 3           | 5.7     | 29             | 5.9     | 33               | 8.7     | 36              | 7.3     | 3            | 2.8     |
| Infant Care: Transfer             | 22               | 0.8     | 15             | 2.1     | 1           | 1.9     | 11             | 2.2     | 5                | 1.3     | 4               | 0.8     | 1            | 0.9     |
| Place of Birth: At-Home Delivery  | 15               | 0.6     | 6              | 0.8     | 8           | 15.1    | 3              | 0.6     | 5                | 1.3     | 22              | 4.5     | 9            | 8.3     |
| Method of Delivery: Cesarean      | 954              | 35.9    | 184            | 25.9    | 13          | 24.5    | 139            | 28.7    | 115              | 30.5    | 143             | 29.5    | 33           | 31.1    |
| Infant Care: Breastfed            | 1,709            | 66.9    | 495            | 79.8    | 42          | 80.8    | 307            | 66.3    | 241              | 66.0    | 315             | 70.2    | 74           | 70.5    |
| Mat. Smoking: During Preg.        | 602              | 22.8    | 120            | 17.1    | 7           | 13.2    | 129            | 26.4    | 108              | 28.7    | 115             | 23.5    | 27           | 25.5    |
| ...Quit Smoking During Preg.      | 112              | 4.2     | 29             | 4.1     | 1           | 1.9     | 23             | 4.7     | 18               | 4.8     | 26              | 5.3     | 1            | 0.9     |
| Mat. Wt.: Underweight             | 103              | 3.9     | 33             | 4.7     | 1           | 1.9     | 30             | 6.2     | 12               | 3.2     | 25              | 5.1     | 1            | 0.9     |
| Mat. Wt.: Obese                   | 623              | 23.6    | 149            | 21.3    | 11          | 20.8    | 125            | 25.7    | 97               | 26.1    | 140             | 28.7    | 30           | 28.3    |
| Mat. Sing. Wt. Gain: Low          | 232              | 8.7     | 53             | 7.5     | 6           | 11.3    | 58             | 12.0    | 42               | 11.1    | 58              | 12.0    | 16           | 15.0    |
| Mat. Sing. Wt. Gain: High         | 428              | 16.1    | 113            | 16.0    | 8           | 15.1    | 84             | 17.3    | 61               | 16.1    | 77              | 15.5    | 11           | 10.1    |
| Mother's Education: Under 12 Yrs. | 310              | 11.7    | 61             | 8.6     | 24          | 45.3    | 107            | 21.9    | 55               | 14.6    | 136             | 27.8    | 22           | 20.8    |
| Marital Status: Out-of-Wedlock    | 930              | 34.9    | 178            | 25.0    | 15          | 28.3    | 194            | 39.7    | 159              | 42.1    | 177             | 36.1    | 45           | 41.3    |
| Live Birth Order: 4 or More       | 271              | 10.3    | 70             | 9.9     | 18          | 34.0    | 48             | 9.9     | 49               | 13.0    | 81              | 16.6    | 13           | 12.3    |
| Birth Spacing: Less than 18 Mos.  | 133              | 5.0     | 35             | 4.9     | 4           | 7.5     | 38             | 7.8     | 29               | 7.7     | 38              | 7.8     | 10           | 9.2     |
| Prenatal Care: 1st Trimester      | 2,183            | 85.5    | 521            | 75.3    | 32          | 62.7    | 336            | 70.3    | 269              | 74.1    | 325             | 71.1    | 78           | 75.0    |
| Prenatal Care: 2nd Trimester      | 321              | 12.6    | 131            | 18.9    | 16          | 31.4    | 113            | 23.6    | 75               | 20.7    | 112             | 24.5    | 18           | 17.3    |
| Prenatal Care: 3rd Trimester      | 37               | 1.4     | 38             | 5.5     | 3           | 5.9     | 24             | 5.0     | 14               | 3.9     | 18              | 3.9     | 7            | 6.7     |
| Prenatal Care: None               | 11               | 0.4     | 2              | 0.3     | 0           | 0.0     | 5              | 1.0     | 5                | 1.4     | 2               | 0.4     | 1            | 1.0     |
| Prenatal Care: Inadequate         | 225              | 9.0     | 148            | 22.0    | 18          | 35.3    | 79             | 16.6    | 67               | 18.8    | 88              | 20.1    | 25           | 23.6    |
| Maternal Utilization: Medicaid    | 890              | 34.9    | 184            | 30.9    | 22          | 41.5    | 288            | 59.6    | 152              | 43.2    | 240             | 49.5    | 52           | 49.1    |
| Maternal Utilization: WIC         | 1,022            | 38.9    | 334            | 47.6    | 25          | 48.1    | 304            | 62.4    | 169              | 44.8    | 277             | 57.1    | 61           | 58.1    |
| Maternal Utilization: FSP         | 649              | 25.1    | 165            | 24.9    | 10          | 21.7    | 202            | 42.3    | 135              | 37.2    | 161             | 33.5    | 12           | 27.9    |
| Mother's Age: At Delivery         | 1                | 0.0     | 0              | 0.0     | 0           | 0.0     | 0              | 0.0     | 0                | 0.0     | 0               | 0.0     | 0            | 0.0     |
| Under 15                          | 47               | 1.8     | 5              | 0.7     | 2           | 3.8     | 23             | 4.7     | 7                | 1.9     | 17              | 3.5     | 5            | 4.6     |
| 15-17                             | 155              | 5.8     | 36             | 5.1     | 2           | 3.8     | 53             | 10.8    | 30               | 7.9     | 41              | 8.4     | 7            | 6.4     |
| 18-19                             | 633              | 23.8    | 235            | 33.0    | 15          | 28.3    | 176            | 36.0    | 115              | 30.4    | 148             | 30.2    | 36           | 33.0    |
| 20-24                             | 909              | 34.1    | 244            | 34.3    | 17          | 32.1    | 140            | 28.6    | 127              | 33.6    | 144             | 29.4    | 33           | 30.3    |
| 25-29                             | 663              | 24.9    | 139            | 19.5    | 8           | 15.1    | 73             | 14.9    | 70               | 18.5    | 87              | 17.8    | 20           | 18.3    |
| 30-34                             | 204              | 7.7     | 45             | 6.3     | 8           | 15.1    | 17             | 3.5     | 25               | 6.6     | 41              | 8.4     | 6            | 5.5     |
| 35-39                             | 50               | 1.9     | 8              | 1.1     | 1           | 1.9     | 7              | 1.4     | 4                | 1.1     | 12              | 2.4     | 2            | 1.8     |
| 40 and over                       |                  |         |                |         |             |         |                |         |                  |         |                 |         |              |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Linn</u> |         | <u>Linn</u> |         | <u>Livingston</u> |         | <u>Macon</u> |         | <u>Madison</u> |         | <u>Marion</u> |         |
|-----------------------------------|-------------|---------|-------------|---------|-------------------|---------|--------------|---------|----------------|---------|---------------|---------|
|                                   | Number      | Percent | Number      | Percent | Number            | Percent | Number       | Percent | Number         | Percent | Number        | Percent |
| Live Births                       | 725         | 100.0   | 141         | 100.0   | 142               | 100.0   | 184          | 100.0   | 137            | 100.0   | 80            | 100.0   |
| Birth Weight: Under 2500 Grams    | 54          | 7.5     | 6           | 4.3     | 8                 | 5.6     | 11           | 6.0     | 10             | 7.3     | 5             | 6.3     |
| Birth Weight: Above 4499 Grams    | 5           | 0.7     | 2           | 1.4     | 4                 | 2.8     | 2            | 1.1     | 0              | 0.0     | 2             | 2.5     |
| Gest. Age: Less than 37 Weeks     | 74          | 10.2    | 12          | 8.5     | 13                | 9.2     | 24           | 13.0    | 17             | 12.5    | 7             | 8.8     |
| APGAR (5 Min.): Less than 8       | 15          | 2.1     | 11          | 7.9     | 7                 | 4.9     | 20           | 10.9    | 7              | 5.1     | 6             | 7.7     |
| Infant Care: NICU Admission       | 54          | 7.4     | 7           | 5.0     | 7                 | 4.9     | 18           | 9.8     | 5              | 3.6     | 4             | 5.0     |
| Infant Care: Transfer             | 19          | 2.6     | 1           | 0.7     | 4                 | 2.8     | 10           | 5.4     | 2              | 1.5     | 2             | 2.5     |
| Place of Birth: At-Home Delivery  | 3           | 0.4     | 2           | 1.4     | 6                 | 4.2     | 9            | 4.9     | 2              | 1.5     | 3             | 3.8     |
| Method of Delivery: Cesarean      | 215         | 29.7    | 54          | 38.3    | 54                | 38.3    | 59           | 32.1    | 58             | 42.3    | 22            | 27.5    |
| Infant Care: Breastfed            | 483         | 67.9    | 93          | 68.9    | 91                | 66.4    | 122          | 68.5    | 71             | 54.6    | 59            | 75.6    |
| Mat. Smoking: During Preg.        | 164         | 22.6    | 34          | 24.1    | 42                | 30.0    | 37           | 20.4    | 54             | 39.4    | 17            | 21.3    |
| ...Quit Smoking During Preg.      | 25          | 3.5     | 7           | 5.0     | 9                 | 6.4     | 8            | 4.3     | 10             | 7.3     | 2             | 2.5     |
| Mat. Wt.: Underweight             | 26          | 3.6     | 5           | 3.6     | 3                 | 2.2     | 5            | 2.7     | 7              | 5.2     | 2             | 2.5     |
| Mat. Wt.: Obese                   | 210         | 29.0    | 43          | 30.7    | 27                | 19.9    | 48           | 26.2    | 38             | 28.4    | 22            | 27.5    |
| Mat. Sing. Wt. Gain: Low          | 80          | 12.6    | 13          | 10.7    | 11                | 8.9     | 18           | 11.5    | 14             | 12.0    | 16            | 22.5    |
| Mat. Sing. Wt. Gain: High         | 135         | 21.3    | 27          | 22.1    | 31                | 25.2    | 37           | 23.7    | 35             | 29.9    | 9             | 12.7    |
| Mother's Education: Under 12 Yrs. | 97          | 13.5    | 21          | 14.9    | 25                | 17.6    | 34           | 18.6    | 37             | 27.0    | 11            | 13.8    |
| Marital Status: Out-of-Wedlock    | 274         | 37.8    | 61          | 43.3    | 63                | 44.4    | 69           | 37.5    | 56             | 40.9    | 30            | 37.5    |
| Live Birth Order: 4 or More       | 68          | 9.5     | 12          | 8.5     | 16                | 11.3    | 30           | 16.3    | 20             | 14.6    | 9             | 11.5    |
| Birth Spacing: Less than 18 Mos.  | 38          | 5.3     | 10          | 7.1     | 13                | 9.2     | 9            | 4.9     | 14             | 10.2    | 2             | 2.5     |
| Prenatal Care: 1st Trimester      | 541         | 78.2    | 102         | 75.6    | 103               | 74.6    | 125          | 75.8    | 91             | 69.5    | 47            | 61.8    |
| Prenatal Care: 2nd Trimester      | 125         | 18.1    | 26          | 19.3    | 28                | 20.3    | 29           | 17.6    | 32             | 24.4    | 24            | 31.6    |
| Prenatal Care: 3rd Trimester      | 24          | 3.5     | 6           | 4.4     | 6                 | 4.3     | 11           | 6.7     | 8              | 6.1     | 4             | 5.3     |
| Prenatal Care: None               | 2           | 0.3     | 1           | 0.7     | 1                 | 0.7     | 0            | 0.0     | 0              | 0.0     | 1             | 1.3     |
| Prenatal Care: Inadequate         | 101         | 14.7    | 19          | 17.6    | 26                | 18.7    | 29           | 23.2    | 28             | 21.9    | 17            | 22.7    |
| Maternal Utilization: Medicaid    | 255         | 36.1    | 72          | 51.1    | 79                | 56.0    | 80           | 43.5    | 85             | 63.9    | 29            | 38.7    |
| Maternal Utilization: WIC         | 258         | 36.2    | 87          | 61.7    | 82                | 59.4    | 86           | 47.3    | 96             | 71.1    | 39            | 49.4    |
| Maternal Utilization: FSP         | 201         | 28.4    | 49          | 35.3    | 43                | 32.1    | 55           | 30.7    | 69             | 52.3    | 26            | 32.5    |
| Mother's Age: At Delivery         | 0           | 0.0     | 1           | 0.7     | 0                 | 0.0     | 1            | 0.5     | 0              | 0.0     | 0             | 0.0     |
| Under 15                          | 10          | 1.4     | 5           | 3.5     | 2                 | 1.4     | 4            | 2.2     | 7              | 5.1     | 2             | 2.5     |
| 15-17                             | 43          | 5.9     | 11          | 7.8     | 17                | 12.0    | 12           | 6.5     | 12             | 8.8     | 5             | 6.3     |
| 18-19                             | 183         | 25.2    | 46          | 32.6    | 55                | 38.7    | 47           | 25.5    | 55             | 40.1    | 22            | 27.5    |
| 20-24                             | 243         | 33.5    | 44          | 31.2    | 40                | 28.2    | 67           | 36.4    | 35             | 25.5    | 28            | 35.0    |
| 25-29                             | 173         | 23.9    | 23          | 16.3    | 16                | 11.3    | 37           | 20.1    | 17             | 12.4    | 12            | 15.0    |
| 30-34                             | 64          | 8.8     | 11          | 7.8     | 11                | 7.7     | 14           | 7.6     | 9              | 6.6     | 8             | 10.0    |
| 35-39                             | 9           | 1.2     | 0           | 0.0     | 1                 | 0.7     | 2            | 1.1     | 2              | 1.5     | 3             | 3.8     |
| 40 and over                       |             |         |             |         |                   |         |              |         |                |         |               |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>McDonald</u> |         | <u>Mercer</u> |         | <u>Miller</u> |         | <u>Mississippi</u> |         | <u>Moniteau</u> |         | <u>Monroe</u> |         | <u>Montgomery</u> |         |
|-----------------------------------|-----------------|---------|---------------|---------|---------------|---------|--------------------|---------|-----------------|---------|---------------|---------|-------------------|---------|
|                                   | Number          | Percent | Number        | Percent | Number        | Percent | Number             | Percent | Number          | Percent | Number        | Percent | Number            | Percent |
| Live Births                       | 296             | 100.0   | 39            | 100.0   | 273           | 100.0   | 194                | 100.0   | 200             | 100.0   | 96            | 100.0   | 167               | 100.0   |
| Birth Weight: Under 2500 Grams    | 31              | 10.5    | 2             | 5.1     | 18            | 6.6     | 23                 | 11.9    | 15              | 7.5     | 8             | 8.3     | 16                | 9.6     |
| Birth Weight: Above 4499 Grams    | 3               | 1.0     | 1             | 2.6     | 2             | 0.7     | 2                  | 1.0     | 2               | 1.0     | 0             | 0.0     | 1                 | 0.6     |
| Gest. Age: Less than 37 Weeks     | 48              | 16.3    | 2             | 5.1     | 26            | 9.5     | 18                 | 9.3     | 24              | 12.0    | 10            | 10.4    | 23                | 13.8    |
| APGAR (5 Min.): Less than 8       | 13              | 4.4     | 1             | 2.6     | 7             | 2.6     | 22                 | 11.4    | 9               | 4.5     | 5             | 5.2     | 4                 | 2.4     |
| Infant Care: NICU Admission       | 22              | 7.4     | 0             | 0.0     | 12            | 4.4     | 8                  | 4.1     | 11              | 5.5     | 7             | 7.3     | 18                | 10.8    |
| Infant Care: Transfer             | 1               | 0.3     | 0             | 0.0     | 7             | 2.6     | 1                  | 0.5     | 4               | 2.0     | 1             | 1.0     | 6                 | 3.6     |
| Place of Birth: At-Home Delivery  | 5               | 1.7     | 1             | 2.6     | 1             | 0.4     | 1                  | 0.5     | 7               | 3.5     | 6             | 6.3     | 0                 | 0.0     |
| Method of Delivery: Cesarean      | 90              | 30.4    | 8             | 20.5    | 78            | 28.6    | 83                 | 43.5    | 53              | 26.6    | 27            | 28.1    | 59                | 35.3    |
| Infant Care: Breastfed            | 187             | 74.8    | 27            | 75.0    | 166           | 62.4    | 58                 | 33.5    | 154             | 81.5    | 62            | 67.4    | 99                | 63.1    |
| Mat. Smoking: During Preg.        | 71              | 25.2    | 9             | 23.1    | 83            | 30.4    | 59                 | 30.6    | 33              | 16.7    | 25            | 26.3    | 48                | 29.3    |
| ...Quit Smoking During Preg.      | 8               | 11.3    | 1             | 11.1    | 9             | 10.8    | 7                  | 11.9    | 5               | 15.2    | 8             | 32.0    | 6                 | 12.5    |
| Mat. Wt.: Underweight             | 15              | 6.0     | 1             | 2.6     | 12            | 4.4     | 6                  | 3.1     | 11              | 5.5     | 6             | 6.3     | 12                | 7.3     |
| Mat. Wt.: Obese                   | 65              | 26.2    | 11            | 28.2    | 67            | 24.7    | 52                 | 26.9    | 57              | 28.5    | 28            | 29.2    | 48                | 29.3    |
| Mat. Sing. Wt. Gain: Low          | 34              | 16.3    | 7             | 18.9    | 42            | 17.4    | 19                 | 11.4    | 25              | 14.6    | 12            | 14.1    | 16                | 11.6    |
| Mat. Sing. Wt. Gain: High         | 23              | 11.0    | 10            | 27.0    | 39            | 16.1    | 40                 | 24.0    | 21              | 12.3    | 14            | 16.5    | 28                | 20.3    |
| Mother's Education: Under 12 Yrs. | 105             | 35.8    | 14            | 35.9    | 47            | 17.2    | 56                 | 29.0    | 50              | 25.0    | 15            | 15.6    | 26                | 15.6    |
| Marital Status: Out-of-Wedlock    | 141             | 47.6    | 12            | 30.8    | 114           | 41.8    | 125                | 64.4    | 57              | 28.5    | 35            | 36.5    | 79                | 47.3    |
| Live Birth Order: 4 or More       | 46              | 15.5    | 11            | 28.2    | 30            | 11.0    | 22                 | 11.3    | 40              | 20.0    | 17            | 18.1    | 24                | 14.4    |
| Birth Spacing: Less than 18 Mos.  | 34              | 17.8    | 2             | 9.1     | 25            | 16.0    | 26                 | 20.0    | 8               | 6.5     | 3             | 5.6     | 16                | 16.3    |
| Prenatal Care: 1st Trimester      | 163             | 57.0    | 22            | 56.4    | 193           | 72.0    | 123                | 66.8    | 130             | 67.4    | 68            | 77.3    | 116               | 74.4    |
| Prenatal Care: 2nd Trimester      | 98              | 34.3    | 11            | 28.2    | 68            | 25.4    | 43                 | 23.4    | 53              | 27.5    | 13            | 14.8    | 36                | 23.1    |
| Prenatal Care: 3rd Trimester      | 18              | 6.3     | 6             | 15.4    | 6             | 2.2     | 17                 | 9.2     | 8               | 4.1     | 5             | 5.7     | 4                 | 2.6     |
| Prenatal Care: None               | 7               | 2.4     | 0             | 0.0     | 1             | 0.4     | 1                  | 0.5     | 2               | 1.0     | 2             | 2.3     | 0                 | 0.0     |
| Prenatal Care: Inadequate         | 107             | 38.5    | 15            | 38.5    | 32            | 12.2    | 58                 | 32.8    | 42              | 24.1    | 21            | 29.2    | 21                | 16.7    |
| Maternal Utilization: Medicaid    | 184             | 70.2    | 17            | 43.6    | 165           | 60.7    | 148                | 80.4    | 63              | 31.5    | 47            | 49.0    | 98                | 59.8    |
| Maternal Utilization: WIC         | 201             | 77.9    | 20            | 52.6    | 151           | 55.5    | 157                | 81.3    | 81              | 41.3    | 54            | 56.8    | 97                | 59.1    |
| Maternal Utilization: FSP         | 101             | 44.3    | 7             | 23.3    | 105           | 38.7    | 122                | 64.2    | 48              | 24.2    | 31            | 36.5    | 67                | 41.1    |
| Mother's Age: At Delivery         | 0               | 0.0     | 0             | 0.0     | 1             | 0.4     | 0                  | 0.0     | 0               | 0.0     | 0             | 0.0     | 0                 | 0.0     |
| Under 15                          | 10              | 3.4     | 0             | 0.0     | 9             | 3.3     | 13                 | 6.7     | 5               | 2.5     | 1             | 1.0     | 4                 | 2.4     |
| 15-17                             | 22              | 7.4     | 2             | 5.1     | 21            | 7.7     | 21                 | 10.8    | 9               | 4.5     | 12            | 12.5    | 15                | 9.0     |
| 18-19                             | 118             | 39.9    | 10            | 25.6    | 106           | 38.8    | 80                 | 41.2    | 62              | 31.0    | 30            | 31.3    | 51                | 30.5    |
| 20-24                             | 92              | 31.1    | 11            | 28.2    | 70            | 25.6    | 55                 | 28.4    | 54              | 27.0    | 23            | 24.0    | 51                | 30.5    |
| 25-29                             | 42              | 14.2    | 10            | 25.6    | 39            | 14.3    | 16                 | 8.2     | 41              | 20.5    | 20            | 20.8    | 30                | 18.0    |
| 30-34                             | 12              | 4.1     | 3             | 7.7     | 21            | 7.7     | 7                  | 3.6     | 20              | 10.0    | 7             | 7.3     | 13                | 7.8     |
| 35-39                             | 0               | 0.0     | 3             | 7.7     | 6             | 2.2     | 2                  | 1.0     | 9               | 4.5     | 3             | 3.1     | 3                 | 1.8     |
| 40 and over                       |                 |         |               |         |               |         |                    |         |                 |         |               |         |                   |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Morgan</u> |         | <u>New Madrid</u> |         | <u>Newton</u> |         | <u>Nodaway</u> |         | <u>Oregon</u> |         | <u>Osage</u> |         | <u>Ozark</u> |         |
|-----------------------------------|---------------|---------|-------------------|---------|---------------|---------|----------------|---------|---------------|---------|--------------|---------|--------------|---------|
|                                   | Number        | Percent | Number            | Percent | Number        | Percent | Number         | Percent | Number        | Percent | Number       | Percent | Number       | Percent |
| Live Births                       | 254           | 100.0   | 209               | 100.0   | 754           | 100.0   | 206            | 100.0   | 132           | 100.0   | 144          | 100.0   | 82           | 100.0   |
| Birth Weight: Under 2500 Grams    | 16            | 6.3     | 26                | 12.6    | 55            | 7.3     | 14             | 6.8     | 7             | 5.3     | 5            | 3.5     | 14           | 17.1    |
| Birth Weight: Above 4499 Grams    | 1             | 0.4     | 1                 | 0.5     | 9             | 1.2     | 3              | 1.5     | 0             | 0.0     | 2            | 1.4     | 3            | 3.7     |
| Gest. Age: Less than 37 Weeks     | 29            | 11.5    | 33                | 15.9    | 81            | 10.7    | 20             | 9.7     | 14            | 10.7    | 15           | 10.4    | 14           | 17.1    |
| APGAR (5 Min.): Less than 8       | 16            | 6.3     | 24                | 11.5    | 18            | 2.4     | 9              | 4.4     | 15            | 11.5    | 2            | 1.4     | 5            | 6.1     |
| Infant Care: NICU Admission       | 9             | 3.5     | 14                | 6.7     | 54            | 7.2     | 11             | 5.3     | 3             | 2.3     | 4            | 2.8     | 4            | 4.9     |
| Infant Care: Transfer             | 6             | 2.4     | 3                 | 1.4     | 2             | 0.3     | 5              | 2.4     | 1             | 0.8     | 3            | 2.1     | 0            | 0.0     |
| Place of Birth: At-Home Delivery  | 14            | 5.5     | 1                 | 0.5     | 4             | 0.5     | 2              | 1.0     | 2             | 1.5     | 0            | 0.0     | 2            | 2.4     |
| Method of Delivery: Cesarean      | 63            | 24.8    | 96                | 46.8    | 213           | 28.2    | 66             | 32.0    | 32            | 24.4    | 46           | 31.9    | 27           | 32.9    |
| Infant Care: Breastfed            | 180           | 72.6    | 67                | 35.3    | 581           | 78.9    | 148            | 73.3    | 72            | 58.1    | 112          | 79.4    | 41           | 69.5    |
| Mat. Smoking: During Preg.        | 69            | 27.5    | 65                | 31.3    | 144           | 19.3    | 42             | 20.5    | 46            | 35.4    | 22           | 15.3    | 19           | 24.7    |
| ...Quit Smoking During Preg.      | 10            | 4.5     | 6                 | 9.2     | 30            | 20.8    | 10             | 23.8    | 8             | 17.4    | 3            | 13.6    | 2            | 10.5    |
| Mat. Wt.: Underweight             | 7             | 2.8     | 9                 | 4.4     | 39            | 5.3     | 9              | 4.4     | 7             | 5.6     | 7            | 4.9     | 3            | 4.9     |
| Mat. Wt.: Obese                   | 71            | 28.5    | 60                | 29.4    | 178           | 24.4    | 44             | 21.4    | 35            | 28.2    | 38           | 26.4    | 16           | 26.2    |
| Mat. Sing. Wt. Gain: Low          | 35            | 16.5    | 20                | 12.9    | 88            | 13.8    | 18             | 9.9     | 13            | 12.0    | 14           | 11.2    | 10           | 20.0    |
| Mat. Sing. Wt. Gain: High         | 33            | 15.6    | 35                | 22.6    | 115           | 18.1    | 33             | 18.2    | 20            | 18.5    | 20           | 16.0    | 10           | 20.0    |
| Mother's Education: Under 12 Yrs. | 106           | 42.1    | 51                | 24.4    | 159           | 21.1    | 18             | 8.7     | 17            | 12.9    | 17           | 11.8    | 12           | 14.8    |
| Marital Status: Out-of-Wedlock    | 80            | 31.5    | 114               | 54.5    | 281           | 37.3    | 68             | 33.0    | 44            | 33.3    | 42           | 29.2    | 26           | 31.7    |
| Live Birth Order: 4 or More       | 44            | 17.3    | 15                | 7.3     | 102           | 13.5    | 20             | 9.7     | 17            | 12.9    | 12           | 8.5     | 6            | 7.3     |
| Birth Spacing: Less than 18 Mos.  | 21            | 12.9    | 17                | 15.0    | 60            | 13.1    | 9              | 7.8     | 16            | 20.8    | 7            | 8.9     | 3            | 7.0     |
| Prenatal Care: 1st Trimester      | 165           | 67.1    | 141               | 72.3    | 480           | 65.1    | 178            | 86.8    | 83            | 64.3    | 107          | 77.0    | 47           | 61.0    |
| Prenatal Care: 2nd Trimester      | 69            | 28.0    | 44                | 22.6    | 211           | 28.6    | 22             | 10.7    | 37            | 28.7    | 29           | 20.9    | 26           | 33.8    |
| Prenatal Care: 3rd Trimester      | 8             | 3.3     | 9                 | 4.6     | 36            | 4.9     | 5              | 2.4     | 5             | 3.9     | 3            | 2.2     | 3            | 3.9     |
| Prenatal Care: None               | 4             | 1.6     | 1                 | 0.5     | 10            | 1.4     | 0              | 0.0     | 4             | 3.1     | 0            | 0.0     | 1            | 1.3     |
| Prenatal Care: Inadequate         | 50            | 20.7    | 43                | 22.9    | 200           | 27.9    | 18             | 8.9     | 23            | 18.4    | 17           | 13.2    | 21           | 27.6    |
| Maternal Utilization: Medicaid    | 128           | 50.6    | 139               | 72.0    | 408           | 54.7    | 77             | 37.4    | 100           | 81.3    | 34           | 23.8    | 41           | 67.2    |
| Maternal Utilization: WIC         | 133           | 54.1    | 162               | 78.6    | 420           | 57.1    | 87             | 42.4    | 100           | 80.0    | 46           | 32.2    | 46           | 75.4    |
| Maternal Utilization: FSP         | 69            | 28.6    | 114               | 57.0    | 245           | 34.4    | 46             | 23.1    | 69            | 55.2    | 28           | 19.9    | 31           | 51.7    |
| Mother's Age: At Delivery         | 0             | 0.0     | 1                 | 0.5     | 0             | 0.0     | 0              | 0.0     | 0             | 0.0     | 0            | 0.0     | 0            | 0.0     |
| Under 15                          | 9             | 3.5     | 7                 | 3.3     | 27            | 3.6     | 4              | 1.9     | 4             | 3.0     | 0            | 0.0     | 2            | 2.4     |
| 15-17                             | 22            | 8.7     | 24                | 11.5    | 66            | 8.8     | 12             | 5.8     | 17            | 12.9    | 4            | 2.8     | 6            | 7.3     |
| 18-19                             | 85            | 33.5    | 82                | 39.2    | 262           | 34.7    | 60             | 29.1    | 53            | 40.2    | 39           | 27.1    | 28           | 34.1    |
| 20-24                             | 63            | 24.8    | 64                | 30.6    | 218           | 28.9    | 71             | 34.5    | 36            | 27.3    | 44           | 30.6    | 34           | 41.5    |
| 25-29                             | 48            | 18.9    | 21                | 10.0    | 116           | 15.4    | 41             | 19.9    | 16            | 12.1    | 45           | 31.3    | 10           | 12.2    |
| 30-34                             | 17            | 6.7     | 6                 | 2.9     | 53            | 7.0     | 16             | 7.8     | 5             | 3.8     | 11           | 7.6     | 2            | 2.4     |
| 35-39                             | 10            | 3.9     | 4                 | 1.9     | 12            | 1.6     | 2              | 1.0     | 1             | 0.8     | 1            | 0.7     | 0            | 0.0     |
| 40 and over                       |               |         |                   |         |               |         |                |         |               |         |              |         |              |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Pemiscot</u> |         | <u>Perry</u> |         | <u>Pettis</u> |         | <u>Phelps</u> |         | <u>Pike</u> |         | <u>Platte</u> |         | <u>Polk</u> |         |
|-----------------------------------|-----------------|---------|--------------|---------|---------------|---------|---------------|---------|-------------|---------|---------------|---------|-------------|---------|
|                                   | Number          | Percent | Number       | Percent | Number        | Percent | Number        | Percent | Number      | Percent | Number        | Percent | Number      | Percent |
| Live Births                       | 288             | 100.0   | 211          | 100.0   | 599           | 100.0   | 573           | 100.0   | 219         | 100.0   | 1,158         | 100.0   | 424         | 100.0   |
| Birth Weight: Under 2500 Grams    | 33              | 11.5    | 16           | 7.6     | 34            | 5.7     | 50            | 8.8     | 22          | 10.0    | 72            | 6.2     | 22          | 5.2     |
| Birth Weight: Above 4499 Grams    | 2               | 0.7     | 3            | 1.4     | 7             | 1.2     | 14            | 2.5     | 4           | 1.8     | 14            | 1.2     | 6           | 1.4     |
| Gest. Age: Less than 37 Weeks     | 41              | 14.6    | 19           | 9.0     | 50            | 8.3     | 56            | 9.8     | 21          | 9.6     | 117           | 10.1    | 37          | 8.7     |
| APGAR (5 Min.): Less than 8       | 29              | 10.2    | 13           | 6.2     | 96            | 16.1    | 97            | 17.3    | 7           | 3.2     | 51            | 4.4     | 8           | 1.9     |
| Infant Care: NICU Admission       | 10              | 3.5     | 17           | 8.1     | 28            | 4.7     | 26            | 4.5     | 15          | 6.8     | 94            | 8.1     | 24          | 5.7     |
| Infant Care: Transfer             | 9               | 3.1     | 6            | 2.8     | 14            | 2.3     | 7             | 1.2     | 3           | 1.4     | 13            | 1.1     | 3           | 0.7     |
| Place of Birth: At-Home Delivery  | 0               | 0.0     | 2            | 0.9     | 12            | 2.0     | 13            | 2.3     | 7           | 3.2     | 5             | 0.4     | 7           | 1.7     |
| Method of Delivery: Cesarean      | 131             | 47.5    | 73           | 34.9    | 213           | 35.6    | 164           | 28.9    | 55          | 25.1    | 396           | 34.3    | 107         | 25.7    |
| Infant Care: Breastfed            | 51              | 20.5    | 136          | 69.7    | 420           | 76.1    | 427           | 79.7    | 154         | 72.6    | 926           | 83.7    | 324         | 83.5    |
| Mat. Smoking: During Preg.        | 64              | 22.9    | 47           | 23.0    | 145           | 24.5    | 118           | 20.7    | 59          | 27.2    | 131           | 11.4    | 83          | 19.6    |
| ...Quit Smoking During Preg.      | 6               | 9.4     | 13           | 27.7    | 23            | 15.9    | 24            | 20.3    | 9           | 15.3    | 26            | 19.8    | 16          | 19.3    |
| Mat. Wt.: Underweight             | 15              | 5.9     | 7            | 3.4     | 26            | 4.6     | 24            | 4.3     | 10          | 4.6     | 55            | 4.9     | 16          | 3.8     |
| Mat. Wt.: Obese                   | 88              | 34.5    | 52           | 25.4    | 160           | 28.0    | 152           | 27.5    | 67          | 30.6    | 230           | 20.4    | 103         | 24.7    |
| Mat. Sing. Wt. Gain: Low          | 45              | 22.7    | 21           | 11.9    | 74            | 14.4    | 64            | 15.7    | 35          | 17.9    | 91            | 9.1     | 43          | 11.6    |
| Mat. Sing. Wt. Gain: High         | 38              | 19.2    | 32           | 18.2    | 102           | 19.8    | 93            | 22.9    | 31          | 15.8    | 201           | 20.2    | 72          | 19.5    |
| Mother's Education: Under 12 Yrs. | 87              | 30.4    | 31           | 14.8    | 144           | 24.2    | 76            | 13.3    | 52          | 24.0    | 84            | 7.3     | 73          | 17.3    |
| Marital Status: Out-of-Wedlock    | 188             | 65.3    | 70           | 33.2    | 239           | 39.9    | 176           | 30.7    | 88          | 40.2    | 360           | 31.1    | 142         | 33.5    |
| Live Birth Order: 4 or More       | 47              | 16.5    | 28           | 13.3    | 92            | 15.4    | 56            | 9.9     | 32          | 14.6    | 104           | 9.0     | 69          | 16.3    |
| Birth Spacing: Less than 18 Mos.  | 43              | 24.7    | 12           | 9.9     | 41            | 10.9    | 33            | 12.0    | 18          | 13.5    | 64            | 10.4    | 31          | 11.8    |
| Prenatal Care: 1st Trimester      | 204             | 74.2    | 172          | 86.0    | 398           | 69.0    | 420           | 76.8    | 150         | 71.1    | 855           | 76.7    | 321         | 77.9    |
| Prenatal Care: 2nd Trimester      | 52              | 18.9    | 24           | 12.0    | 145           | 25.1    | 96            | 17.6    | 51          | 24.2    | 203           | 18.2    | 79          | 19.2    |
| Prenatal Care: 3rd Trimester      | 16              | 5.8     | 1            | 0.5     | 32            | 5.5     | 30            | 5.5     | 9           | 4.3     | 47            | 4.2     | 10          | 2.4     |
| Prenatal Care: None               | 3               | 1.1     | 3            | 1.5     | 2             | 0.3     | 1             | 0.2     | 1           | 0.5     | 10            | 0.9     | 2           | 0.5     |
| Prenatal Care: Inadequate         | 50              | 18.6    | 15           | 7.9     | 115           | 20.9    | 85            | 16.4    | 51          | 24.6    | 179           | 16.2    | 48          | 12.4    |
| Maternal Utilization: Medicaid    | 193             | 81.1    | 74           | 36.3    | 291           | 49.8    | 138           | 34.6    | 115         | 54.0    | 286           | 25.1    | 222         | 53.0    |
| Maternal Utilization: WIC         | 211             | 81.8    | 105          | 50.5    | 369           | 63.1    | 306           | 53.7    | 130         | 60.7    | 325           | 28.4    | 243         | 58.3    |
| Maternal Utilization: FSP         | 147             | 64.5    | 56           | 28.0    | 220           | 39.2    | 181           | 32.3    | 73          | 36.0    | 192           | 19.3    | 171         | 41.3    |
| Mother's Age: At Delivery         | 0               | 0.0     | 0            | 0.0     | 1             | 0.2     | 1             | 0.2     | 0           | 0.0     | 0             | 0.0     | 0           | 0.0     |
| Under 15                          | 17              | 5.9     | 4            | 1.9     | 20            | 3.3     | 7             | 1.2     | 7           | 3.2     | 7             | 0.6     | 8           | 1.9     |
| 15-17                             | 32              | 11.1    | 12           | 5.7     | 47            | 7.8     | 35            | 6.1     | 15          | 6.8     | 41            | 3.5     | 28          | 6.6     |
| 18-19                             | 126             | 43.8    | 52           | 24.6    | 176           | 29.4    | 197           | 34.4    | 68          | 31.1    | 233           | 20.1    | 128         | 30.2    |
| 20-24                             | 73              | 25.3    | 72           | 34.1    | 186           | 31.1    | 163           | 28.4    | 75          | 34.2    | 357           | 30.8    | 148         | 34.9    |
| 25-29                             | 25              | 8.7     | 46           | 21.8    | 111           | 18.5    | 110           | 19.2    | 39          | 17.8    | 338           | 29.2    | 79          | 18.6    |
| 30-34                             | 12              | 4.2     | 23           | 10.9    | 49            | 8.2     | 49            | 8.6     | 11          | 5.0     | 148           | 12.8    | 26          | 6.1     |
| 35-39                             | 3               | 1.0     | 2            | 0.9     | 9             | 1.5     | 11            | 1.9     | 4           | 1.8     | 34            | 2.9     | 7           | 1.7     |
| 40 and over                       |                 |         |              |         |               |         |               |         |             |         |               |         |             |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Pulaski</u> |         | <u>Putnam</u> |         | <u>Ralls</u> |         | <u>Randolph</u> |         | <u>Ray</u> |         | <u>Reynolds</u> |         | <u>Ripley</u> |         |
|-----------------------------------|----------------|---------|---------------|---------|--------------|---------|-----------------|---------|------------|---------|-----------------|---------|---------------|---------|
|                                   | Number         | Percent | Number        | Percent | Number       | Percent | Number          | Percent | Number     | Percent | Number          | Percent | Number        | Percent |
| Live Births                       | 834            | 100.0   | 49            | 100.0   | 103          | 100.0   | 267             | 100.0   | 236        | 100.0   | 63              | 100.0   | 174           | 100.0   |
| Birth Weight: Under 2500 Grams    | 46             | 5.5     | 4             | 8.2     | 6            | 5.8     | 17              | 6.4     | 14         | 5.9     | 4               | 6.3     | 12            | 7.0     |
| Birth Weight: Above 4499 Grams    | 10             | 1.2     | 1             | 2.0     | 1            | 1.0     | 5               | 1.9     | 2          | 0.8     | 1               | 1.6     | 1             | 0.6     |
| Gest. Age: Less than 37 Weeks     | 74             | 8.9     | 5             | 10.2    | 9            | 8.7     | 33              | 12.4    | 23         | 9.8     | 7               | 11.3    | 20            | 11.6    |
| APGAR (5 Min.): Less than 8       | 118            | 14.1    | 4             | 8.3     | 4            | 3.9     | 16              | 6.0     | 20         | 8.5     | 0               | 0.0     | 4             | 2.4     |
| Infant Care: NICU Admission       | 36             | 4.3     | 3             | 6.1     | 2            | 1.9     | 22              | 8.2     | 18         | 7.6     | 4               | 6.3     | 5             | 2.9     |
| Infant Care: Transfer             | 20             | 2.4     | 3             | 6.1     | 2            | 1.9     | 7               | 2.6     | 5          | 2.1     | 4               | 6.3     | 2             | 1.1     |
| Place of Birth: At-Home Delivery  | 4              | 0.5     | 2             | 4.1     | 0            | 0.0     | 4               | 1.5     | 4          | 1.7     | 2               | 3.2     | 1             | 0.6     |
| Method of Delivery: Cesarean      | 245            | 29.4    | 19            | 39.6    | 26           | 25.2    | 91              | 34.1    | 58         | 24.6    | 22              | 35.5    | 36            | 22.6    |
| Infant Care: Breastfed            | 629            | 79.0    | 36            | 75.0    | 72           | 71.3    | 174             | 70.2    | 153        | 67.4    | 34              | 58.6    | 70            | 45.8    |
| Mat. Smoking: During Preg.        | 150            | 18.1    | 7             | 14.6    | 26           | 25.2    | 70              | 26.4    | 54         | 22.9    | 16              | 25.4    | 46            | 26.9    |
| ...Quit Smoking During Preg.      | 39             | 26.0    | 1             | 14.3    | 6            | 23.1    | 11              | 15.7    | 11         | 20.4    | 1               | 6.3     | 9             | 19.6    |
| Mat. Wt.: Underweight             | 34             | 4.1     | 1             | 2.0     | 5            | 4.9     | 18              | 6.7     | 6          | 2.6     | 2               | 3.2     | 11            | 6.7     |
| Mat. Wt.: Obese                   | 161            | 19.5    | 14            | 28.6    | 28           | 27.2    | 78              | 29.2    | 62         | 26.4    | 23              | 36.5    | 46            | 28.0    |
| Mat. Sing. Wt. Gain: Low          | 78             | 10.7    | 2             | 4.5     | 11           | 11.7    | 30              | 13.1    | 24         | 11.8    | 6               | 14.6    | 20            | 20.2    |
| Mat. Sing. Wt. Gain: High         | 137            | 18.8    | 10            | 22.7    | 17           | 18.1    | 48              | 21.0    | 47         | 23.0    | 5               | 12.2    | 16            | 16.2    |
| Mother's Education: Under 12 Yrs. | 76             | 9.1     | 9             | 18.4    | 10           | 9.7     | 43              | 16.1    | 32         | 13.6    | 11              | 17.5    | 48            | 27.7    |
| Marital Status: Out-of-Wedlock    | 179            | 21.5    | 15            | 30.6    | 38           | 36.9    | 118             | 44.2    | 82         | 34.7    | 22              | 34.9    | 71            | 40.8    |
| Live Birth Order: 4 or More       | 74             | 8.9     | 12            | 24.5    | 9            | 8.7     | 29              | 10.9    | 33         | 14.0    | 6               | 9.7     | 19            | 10.9    |
| Birth Spacing: Less than 18 Mos.  | 51             | 10.2    | 3             | 9.1     | 4            | 5.6     | 20              | 13.2    | 15         | 10.5    | 6               | 17.1    | 10            | 10.2    |
| Prenatal Care: 1st Trimester      | 650            | 79.3    | 38            | 79.2    | 82           | 82.8    | 202             | 81.5    | 151        | 67.1    | 42              | 72.4    | 130           | 77.4    |
| Prenatal Care: 2nd Trimester      | 139            | 17.0    | 9             | 18.8    | 13           | 13.1    | 34              | 13.7    | 55         | 24.4    | 14              | 24.1    | 26            | 15.5    |
| Prenatal Care: 3rd Trimester      | 26             | 3.2     | 1             | 2.1     | 3            | 3.0     | 11              | 4.4     | 16         | 7.1     | 1               | 1.7     | 9             | 5.4     |
| Prenatal Care: None               | 5              | 0.6     | 0             | 0.0     | 1            | 1.0     | 1               | 0.4     | 3          | 1.3     | 1               | 1.7     | 3             | 1.8     |
| Prenatal Care: Inadequate         | 112            | 13.7    | 7             | 15.2    | 24           | 24.7    | 35              | 21.5    | 46         | 20.9    | 15              | 25.9    | 39            | 23.5    |
| Maternal Utilization: Medicaid    | 144            | 18.6    | 25            | 51.0    | 39           | 38.2    | 151             | 56.6    | 88         | 37.9    | 39              | 65.0    | 122           | 71.8    |
| Maternal Utilization: WIC         | 372            | 44.8    | 33            | 67.3    | 50           | 48.5    | 170             | 64.6    | 98         | 41.5    | 45              | 71.4    | 126           | 74.6    |
| Maternal Utilization: FSP         | 143            | 17.4    | 8             | 20.5    | 32           | 33.3    | 119             | 46.7    | 54         | 24.0    | 27              | 44.3    | 89            | 55.3    |
| Mother's Age: At Delivery         | 1              | 0.1     | 0             | 0.0     | 0            | 0.0     | 0               | 0.0     | 0          | 0.0     | 0               | 0.0     | 0             | 0.0     |
| Under 15                          | 10             | 1.2     | 0             | 0.0     | 3            | 2.9     | 13              | 4.9     | 5          | 2.1     | 3               | 4.8     | 9             | 5.2     |
| 15-17                             | 37             | 4.4     | 4             | 8.2     | 9            | 8.7     | 30              | 11.2    | 15         | 6.4     | 3               | 4.8     | 23            | 13.2    |
| 18-19                             | 268            | 32.2    | 17            | 34.7    | 24           | 23.3    | 95              | 35.6    | 77         | 32.8    | 19              | 30.6    | 62            | 35.6    |
| 20-24                             | 295            | 35.4    | 14            | 28.6    | 35           | 34.0    | 67              | 25.1    | 68         | 28.9    | 20              | 32.3    | 36            | 20.7    |
| 25-29                             | 161            | 19.3    | 11            | 22.4    | 22           | 21.4    | 46              | 17.2    | 36         | 15.3    | 14              | 22.6    | 31            | 17.8    |
| 30-34                             | 51             | 6.1     | 2             | 4.1     | 9            | 8.7     | 13              | 4.9     | 25         | 10.6    | 3               | 4.8     | 12            | 6.9     |
| 35-39                             | 10             | 1.2     | 1             | 2.0     | 1            | 1.0     | 3               | 1.1     | 9          | 3.8     | 0               | 0.0     | 1             | 0.6     |
| 40 and over                       |                |         |               |         |              |         |                 |         |            |         |                 |         |               |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Saline</u> |         | <u>Schuyler</u> |         | <u>Scotland</u> |         | <u>Scott</u> |         | <u>Shannon</u> |         | <u>Shelby</u> |         | <u>St. Charles</u> |         |
|-----------------------------------|---------------|---------|-----------------|---------|-----------------|---------|--------------|---------|----------------|---------|---------------|---------|--------------------|---------|
|                                   | Number        | Percent | Number          | Percent | Number          | Percent | Number       | Percent | Number         | Percent | Number        | Percent | Number             | Percent |
| Live Births                       | 304           | 100.0   | 58              | 100.0   | 80              | 100.0   | 529          | 100.0   | 80             | 100.0   | 80            | 100.0   | 4,539              | 100.0   |
| Birth Weight: Under 2500 Grams    | 21            | 6.9     | 6               | 10.3    | 7               | 8.8     | 42           | 8.0     | 6              | 7.5     | 5             | 6.3     | 327                | 7.3     |
| Birth Weight: Above 4499 Grams    | 3             | 1.0     | 0               | 0.0     | 1               | 1.3     | 6            | 1.1     | 3              | 3.8     | 0             | 0.0     | 65                 | 1.4     |
| Gest. Age: Less than 37 Weeks     | 38            | 12.5    | 5               | 8.6     | 9               | 11.3    | 82           | 15.6    | 13             | 16.3    | 10            | 12.7    | 479                | 10.6    |
| APGAR (5 Min.): Less than 8       | 28            | 9.2     | 3               | 5.2     | 7               | 8.9     | 62           | 11.8    | 10             | 12.8    | 6             | 7.5     | 121                | 2.7     |
| Infant Care: NICU Admission       | 15            | 4.9     | 3               | 5.2     | 5               | 6.3     | 28           | 5.3     | 2              | 2.5     | 3             | 3.8     | 195                | 4.3     |
| Infant Care: Transfer             | 7             | 2.3     | 1               | 1.7     | 3               | 3.8     | 9            | 1.7     | 1              | 1.3     | 3             | 3.8     | 74                 | 1.6     |
| Place of Birth: At-Home Delivery  | 2             | 0.7     | 8               | 13.8    | 25              | 31.6    | 4            | 0.8     | 5              | 6.3     | 3             | 3.8     | 20                 | 0.4     |
| Method of Delivery: Cesarean      | 110           | 36.2    | 21              | 36.2    | 26              | 32.5    | 209          | 40.4    | 11             | 13.9    | 23            | 28.8    | 1,615              | 35.6    |
| Infant Care: Breastfed            | 217           | 72.8    | 41              | 74.5    | 57              | 73.1    | 212          | 45.5    | 46             | 63.0    | 58            | 72.5    | 3,407              | 77.3    |
| Mat. Smoking: During Preg.        | 85            | 28.0    | 13              | 22.8    | 13              | 16.5    | 155          | 29.9    | 24             | 30.8    | 24            | 30.0    | 507                | 11.2    |
| ...Quit Smoking During Preg.      | 16            | 18.8    | 1               | 7.7     | 1               | 7.7     | 23           | 14.8    | 6              | 25.0    | 2             | 8.3     | 141                | 27.8    |
| Mat. Wt.: Underweight             | 16            | 5.3     | 2               | 3.4     | 0               | 0.0     | 26           | 5.0     | 1              | 1.3     | 4             | 5.0     | 147                | 3.3     |
| Mat. Wt.: Obese                   | 91            | 30.1    | 11              | 19.0    | 20              | 25.0    | 150          | 28.7    | 13             | 16.5    | 18            | 22.5    | 932                | 20.8    |
| Mat. Sing. Wt. Gain: Low          | 33            | 12.7    | 8               | 16.0    | 12              | 16.9    | 52           | 12.5    | 10             | 17.2    | 8             | 11.6    | 313                | 8.1     |
| Mat. Sing. Wt. Gain: High         | 55            | 21.2    | 11              | 22.0    | 14              | 19.7    | 110          | 26.4    | 14             | 24.1    | 10            | 14.5    | 875                | 22.5    |
| Mother's Education: Under 12 Yrs. | 58            | 19.1    | 20              | 34.5    | 38              | 47.5    | 117          | 22.4    | 14             | 17.5    | 17            | 21.3    | 293                | 6.5     |
| Marital Status: Out-of-Wedlock    | 137           | 45.1    | 25              | 43.1    | 19              | 23.8    | 250          | 47.3    | 28             | 35.0    | 21            | 26.3    | 1,157              | 25.5    |
| Live Birth Order: 4 or More       | 26            | 8.6     | 9               | 15.5    | 11              | 13.8    | 42           | 8.1     | 21             | 26.3    | 14            | 17.5    | 406                | 9.1     |
| Birth Spacing: Less than 18 Mos.  | 23            | 13.5    | 9               | 29.0    | 8               | 14.3    | 41           | 13.7    | 8              | 17.0    | 7             | 12.7    | 236                | 9.9     |
| Prenatal Care: 1st Trimester      | 222           | 76.8    | 40              | 72.7    | 46              | 58.2    | 360          | 75.0    | 58             | 75.3    | 55            | 72.4    | 3,669              | 85.9    |
| Prenatal Care: 2nd Trimester      | 47            | 16.3    | 10              | 18.2    | 23              | 29.1    | 104          | 21.7    | 16             | 20.8    | 17            | 22.4    | 490                | 11.5    |
| Prenatal Care: 3rd Trimester      | 17            | 5.9     | 5               | 9.1     | 9               | 11.4    | 13           | 2.7     | 2              | 2.6     | 4             | 5.3     | 94                 | 2.2     |
| Prenatal Care: None               | 3             | 1.0     | 0               | 0.0     | 1               | 1.3     | 3            | 0.6     | 1              | 1.3     | 0             | 0.0     | 16                 | 0.4     |
| Prenatal Care: Inadequate         | 44            | 17.1    | 17              | 29.8    | 32              | 41.0    | 84           | 18.7    | 10             | 13.7    | 20            | 28.2    | 317                | 7.5     |
| Maternal Utilization: Medicaid    | 164           | 54.5    | 28              | 48.3    | 28              | 35.0    | 295          | 61.3    | 45             | 58.4    | 41            | 51.3    | 817                | 18.7    |
| Maternal Utilization: WIC         | 189           | 62.6    | 27              | 47.4    | 25              | 31.3    | 333          | 64.4    | 52             | 65.8    | 38            | 47.5    | 773                | 17.4    |
| Maternal Utilization: FSP         | 120           | 40.1    | 17              | 32.7    | 16              | 20.5    | 243          | 48.0    | 38             | 48.7    | 24            | 33.8    | 618                | 14.0    |
| Mother's Age: At Delivery         | 0             | 0.0     | 0               | 0.0     | 0               | 0.0     | 0            | 0.0     | 0              | 0.0     | 0             | 0.0     | 0                  | 0.0     |
| Under 15                          | 5             | 1.7     | 1               | 1.7     | 0               | 0.0     | 22           | 4.2     | 1              | 1.3     | 1             | 1.3     | 44                 | 1.0     |
| 15-17                             | 34            | 11.2    | 6               | 10.3    | 5               | 6.3     | 60           | 11.4    | 8              | 10.0    | 3             | 3.8     | 141                | 3.1     |
| 18-19                             | 98            | 32.3    | 16              | 27.6    | 32              | 40.0    | 167          | 31.6    | 26             | 32.5    | 17            | 21.3    | 712                | 15.7    |
| 20-24                             | 97            | 32.0    | 16              | 27.6    | 26              | 32.5    | 142          | 26.9    | 20             | 25.0    | 38            | 47.5    | 1,453              | 32.0    |
| 25-29                             | 47            | 15.5    | 13              | 22.4    | 11              | 13.8    | 94           | 17.8    | 20             | 25.0    | 13            | 16.3    | 1,532              | 33.8    |
| 30-34                             | 19            | 6.3     | 3               | 5.2     | 3               | 3.8     | 34           | 6.4     | 2              | 2.5     | 7             | 8.8     | 536                | 11.8    |
| 35-39                             | 3             | 1.0     | 3               | 5.2     | 3               | 3.8     | 9            | 1.7     | 3              | 3.8     | 1             | 1.3     | 120                | 2.6     |
| 40 and over                       |               |         |                 |         |                 |         |              |         |                |         |               |         |                    |         |



Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>St. Clair</u> |         | <u>St. Francois</u> |         | <u>St. Louis City</u> |         | <u>St. Louis County</u> |         | <u>Ste. Genevieve</u> |         | <u>Stoddard</u> |         | <u>Stone</u> |         |
|-----------------------------------|------------------|---------|---------------------|---------|-----------------------|---------|-------------------------|---------|-----------------------|---------|-----------------|---------|--------------|---------|
|                                   | Number           | Percent | Number              | Percent | Number                | Percent | Number                  | Percent | Number                | Percent | Number          | Percent | Number       | Percent |
| Live Births                       | 86               | 100.0   | 762                 | 100.0   | 4,957                 | 100.0   | 11,934                  | 100.0   | 175                   | 100.0   | 361             | 100.0   | 246          | 100.0   |
| Birth Weight: Under 2500 Grams    | 7                | 8.1     | 43                  | 5.7     | 621                   | 12.6    | 1,052                   | 8.9     | 13                    | 7.4     | 36              | 10.1    | 14           | 5.7     |
| Birth Weight: Above 4499 Grams    | 1                | 1.2     | 6                   | 0.8     | 31                    | 0.6     | 118                     | 1.0     | 2                     | 1.1     | 5               | 1.4     | 2            | 0.8     |
| Gest. Age: Less than 37 Weeks     | 12               | 14.0    | 90                  | 11.8    | 763                   | 15.4    | 1,518                   | 12.7    | 23                    | 13.1    | 55              | 15.4    | 26           | 10.6    |
| APGAR (5 Min.): Less than 8       | 10               | 11.6    | 21                  | 2.8     | 340                   | 6.9     | 500                     | 4.2     | 8                     | 4.6     | 29              | 8.3     | 16           | 6.6     |
| Infant Care: NICU Admission       | 7                | 8.1     | 25                  | 3.3     | 321                   | 6.5     | 631                     | 5.3     | 12                    | 6.9     | 24              | 6.6     | 13           | 5.3     |
| Infant Care: Transfer             | 3                | 3.5     | 15                  | 2.0     | 117                   | 2.4     | 144                     | 1.2     | 5                     | 2.9     | 9               | 2.5     | 0            | 0.0     |
| Place of Birth: At-Home Delivery  | 2                | 2.3     | 4                   | 0.5     | 20                    | 0.4     | 58                      | 0.5     | 3                     | 1.7     | 2               | 0.6     | 1            | 0.4     |
| Method of Delivery: Cesarean      | 30               | 34.9    | 303                 | 39.8    | 1,519                 | 30.7    | 4,122                   | 34.6    | 64                    | 36.6    | 117             | 33.8    | 81           | 33.3    |
| Infant Care: Breastfed            | 46               | 61.3    | 376                 | 50.1    | 3,150                 | 65.1    | 8,490                   | 74.2    | 105                   | 61.4    | 150             | 52.6    | 164          | 75.9    |
| Mat. Smoking: During Preg.        | 22               | 25.6    | 268                 | 35.2    | 749                   | 15.3    | 1,116                   | 9.4     | 53                    | 30.5    | 101             | 28.6    | 69           | 28.2    |
| ...Quit Smoking During Preg.      | 2                | 9.1     | 38                  | 14.2    | 182                   | 24.3    | 310                     | 27.8    | 3                     | 5.7     | 14              | 13.9    | 13           | 18.8    |
| Mat. Wt.: Underweight             | 2                | 2.4     | 38                  | 5.0     | 215                   | 4.5     | 479                     | 4.1     | 6                     | 3.4     | 26              | 7.3     | 19           | 7.8     |
| Mat. Wt.: Obese                   | 31               | 36.5    | 205                 | 27.0    | 1,122                 | 23.2    | 2,503                   | 21.4    | 43                    | 24.7    | 97              | 27.2    | 56           | 23.0    |
| Mat. Sing. Wt. Gain: Low          | 14               | 20.0    | 88                  | 13.5    | 369                   | 9.7     | 891                     | 9.2     | 17                    | 11.5    | 37              | 14.5    | 23           | 10.7    |
| Mat. Sing. Wt. Gain: High         | 13               | 18.6    | 152                 | 23.4    | 725                   | 19.1    | 1,826                   | 18.8    | 23                    | 15.5    | 52              | 20.3    | 51           | 23.7    |
| Mother's Education: Under 12 Yrs. | 23               | 27.1    | 153                 | 20.1    | 1,105                 | 22.4    | 1,128                   | 9.5     | 32                    | 18.3    | 74              | 20.6    | 56           | 23.0    |
| Marital Status: Out-of-Wedlock    | 35               | 40.7    | 366                 | 48.0    | 2,991                 | 60.3    | 4,701                   | 39.4    | 63                    | 36.0    | 143             | 39.6    | 105          | 42.7    |
| Live Birth Order: 4 or More       | 13               | 15.1    | 59                  | 7.8     | 688                   | 14.0    | 1,325                   | 11.3    | 26                    | 14.9    | 38              | 10.7    | 33           | 13.4    |
| Birth Spacing: Less than 18 Mos.  | 8                | 14.3    | 50                  | 12.0    | 287                   | 14.4    | 650                     | 10.7    | 15                    | 13.6    | 20              | 10.9    | 16           | 15.4    |
| Prenatal Care: 1st Trimester      | 63               | 74.1    | 504                 | 67.7    | 3,412                 | 73.7    | 9,343                   | 83.8    | 135                   | 79.4    | 246             | 73.2    | 162          | 70.1    |
| Prenatal Care: 2nd Trimester      | 16               | 18.8    | 202                 | 27.1    | 917                   | 19.8    | 1,445                   | 13.0    | 32                    | 18.8    | 74              | 22.0    | 58           | 25.1    |
| Prenatal Care: 3rd Trimester      | 6                | 7.1     | 35                  | 4.7     | 182                   | 3.9     | 235                     | 2.1     | 2                     | 1.2     | 13              | 3.9     | 11           | 4.8     |
| Prenatal Care: None               | 0                | 0.0     | 4                   | 0.5     | 117                   | 2.5     | 128                     | 1.1     | 1                     | 0.6     | 3               | 0.9     | 0            | 0.0     |
| Prenatal Care: Inadequate         | 14               | 17.9    | 137                 | 18.3    | 1,144                 | 25.7    | 1,317                   | 12.3    | 25                    | 15.0    | 67              | 21.3    | 55           | 24.9    |
| Maternal Utilization: Medicaid    | 48               | 60.0    | 444                 | 59.5    | 3,170                 | 65.3    | 4,044                   | 35.7    | 81                    | 47.6    | 213             | 64.2    | 174          | 71.6    |
| Maternal Utilization: WIC         | 57               | 67.1    | 500                 | 66.2    | 2,726                 | 56.5    | 3,973                   | 34.5    | 95                    | 54.9    | 231             | 64.7    | 169          | 70.4    |
| Maternal Utilization: FSP         | 40               | 51.3    | 343                 | 45.9    | 2,492                 | 52.4    | 3,189                   | 28.1    | 55                    | 32.0    | 140             | 40.7    | 108          | 46.6    |
| Mother's Age: At Delivery         | 0                | 0.0     | 1                   | 0.1     | 7                     | 0.1     | 6                       | 0.1     | 0                     | 0.0     | 0               | 0.0     | 0            | 0.0     |
| Under 15                          | 6                | 7.0     | 28                  | 3.7     | 210                   | 4.2     | 214                     | 1.8     | 4                     | 2.3     | 14              | 3.9     | 6            | 2.4     |
| 15-17                             | 5                | 5.8     | 81                  | 10.6    | 381                   | 7.7     | 584                     | 4.9     | 10                    | 5.7     | 36              | 10.0    | 25           | 10.2    |
| 18-19                             | 32               | 37.2    | 276                 | 36.2    | 1,410                 | 28.5    | 2,241                   | 18.8    | 57                    | 32.6    | 127             | 35.2    | 78           | 31.7    |
| 20-24                             | 19               | 22.1    | 200                 | 26.2    | 1,319                 | 26.6    | 3,426                   | 28.7    | 50                    | 28.6    | 96              | 26.6    | 81           | 32.9    |
| 25-29                             | 16               | 18.6    | 130                 | 17.1    | 1,100                 | 22.2    | 3,560                   | 29.8    | 35                    | 20.0    | 73              | 20.2    | 40           | 16.3    |
| 30-34                             | 5                | 5.8     | 40                  | 5.2     | 439                   | 8.9     | 1,507                   | 12.6    | 17                    | 9.7     | 13              | 3.6     | 13           | 5.3     |
| 35-39                             | 3                | 3.5     | 6                   | 0.8     | 90                    | 1.8     | 393                     | 3.3     | 2                     | 1.1     | 2               | 0.6     | 3            | 1.2     |
| 40 and over                       |                  |         |                     |         |                       |         |                         |         |                       |         |                 |         |              |         |

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011

|                                   | <u>Sullivan</u> |         | <u>Taney</u> |         | <u>Texas</u> |         | <u>Vernon</u> |         | <u>Warren</u> |         | <u>Washington</u> |         | <u>Wayne</u> |         |
|-----------------------------------|-----------------|---------|--------------|---------|--------------|---------|---------------|---------|---------------|---------|-------------------|---------|--------------|---------|
|                                   | Number          | Percent | Number       | Percent | Number       | Percent | Number        | Percent | Number        | Percent | Number            | Percent | Number       | Percent |
| Live Births                       | 88              | 100.0   | 639          | 100.0   | 305          | 100.0   | 253           | 100.0   | 389           | 100.0   | 310               | 100.0   | 137          | 100.0   |
| Birth Weight: Under 2500 Grams    | 7               | 8.0     | 47           | 7.4     | 23           | 7.5     | 19            | 7.6     | 36            | 9.3     | 20                | 6.5     | 10           | 7.4     |
| Birth Weight: Above 4499 Grams    | 0               | 0.0     | 11           | 1.7     | 4            | 1.3     | 3             | 1.2     | 5             | 1.3     | 3                 | 1.0     | 0            | 0.0     |
| Gest. Age: Less than 37 Weeks     | 13              | 14.8    | 68           | 10.7    | 25           | 8.2     | 26            | 10.7    | 59            | 15.2    | 40                | 12.9    | 26           | 19.0    |
| APGAR (5 Min.): Less than 8       | 5               | 5.7     | 60           | 9.4     | 23           | 7.6     | 27            | 11.3    | 8             | 2.1     | 8                 | 2.6     | 6            | 4.5     |
| Infant Care: NICU Admission       | 3               | 3.4     | 33           | 5.2     | 13           | 4.3     | 8             | 3.2     | 30            | 7.7     | 18                | 5.8     | 9            | 6.6     |
| Infant Care: Transfer             | 2               | 2.3     | 8            | 1.3     | 6            | 2.0     | 4             | 1.6     | 8             | 2.1     | 6                 | 1.9     | 5            | 3.6     |
| Place of Birth: At-Home Delivery  | 0               | 0.0     | 6            | 0.9     | 17           | 5.6     | 16            | 6.3     | 3             | 0.8     | 1                 | 0.3     | 1            | 0.7     |
| Method of Delivery: Cesarean      | 34              | 38.6    | 197          | 31.2    | 60           | 20.1    | 78            | 32.9    | 116           | 29.8    | 121               | 39.0    | 42           | 31.8    |
| Infant Care: Breastfed            | 58              | 66.7    | 390          | 71.8    | 185          | 64.9    | 181           | 79.0    | 268           | 69.6    | 146               | 48.5    | 53           | 46.1    |
| Mat. Smoking: During Preg.        | 15              | 17.4    | 170          | 26.9    | 81           | 26.7    | 53            | 21.3    | 87            | 22.4    | 93                | 30.1    | 45           | 34.4    |
| ...Quit Smoking During Preg.      | 4               | 26.7    | 34           | 20.0    | 20           | 24.7    | 3             | 5.7     | 15            | 17.2    | 11                | 11.8    | 4            | 8.9     |
| Mat. Wt.: Underweight             | 6               | 6.9     | 34           | 5.4     | 21           | 7.0     | 13            | 5.2     | 15            | 3.9     | 14                | 4.5     | 8            | 6.1     |
| Mat. Wt.: Obese                   | 21              | 24.1    | 144          | 22.9    | 70           | 23.3    | 77            | 31.0    | 99            | 25.5    | 108               | 35.1    | 39           | 29.8    |
| Mat. Sing. Wt. Gain: Low          | 12              | 16.0    | 60           | 11.2    | 39           | 15.0    | 40            | 19.7    | 34            | 10.7    | 45                | 16.9    | 20           | 24.1    |
| Mat. Sing. Wt. Gain: High         | 17              | 22.7    | 128          | 23.9    | 57           | 21.9    | 34            | 16.7    | 67            | 21.1    | 44                | 16.5    | 17           | 20.5    |
| Mother's Education: Under 12 Yrs. | 33              | 37.5    | 132          | 20.7    | 78           | 25.7    | 59            | 23.5    | 73            | 18.8    | 74                | 23.9    | 27           | 20.0    |
| Marital Status: Out-of-Wedlock    | 46              | 52.3    | 266          | 41.6    | 106          | 34.8    | 96            | 37.9    | 160           | 41.1    | 122               | 39.4    | 64           | 46.7    |
| Live Birth Order: 4 or More       | 8               | 9.1     | 79           | 12.4    | 37           | 12.2    | 42            | 16.9    | 51            | 13.1    | 38                | 12.3    | 14           | 10.4    |
| Birth Spacing: Less than 18 Mos.  | 4               | 7.7     | 29           | 11.7    | 29           | 16.6    | 16            | 12.4    | 24            | 11.3    | 26                | 13.3    | 9            | 12.0    |
| Prenatal Care: 1st Trimester      | 70              | 79.5    | 393          | 67.8    | 233          | 79.8    | 176           | 74.9    | 282           | 77.3    | 213               | 69.6    | 98           | 73.7    |
| Prenatal Care: 2nd Trimester      | 15              | 17.0    | 127          | 21.9    | 43           | 14.7    | 45            | 19.1    | 69            | 18.9    | 78                | 25.5    | 25           | 18.8    |
| Prenatal Care: 3rd Trimester      | 3               | 3.4     | 50           | 8.6     | 15           | 5.1     | 14            | 6.0     | 14            | 3.8     | 15                | 4.9     | 8            | 6.0     |
| Prenatal Care: None               | 0               | 0.0     | 10           | 1.7     | 1            | 0.3     | 0             | 0.0     | 0             | 0.0     | 0                 | 0.0     | 2            | 1.5     |
| Prenatal Care: Inadequate         | 9               | 10.3    | 155          | 27.4    | 44           | 15.9    | 54            | 24.9    | 45            | 12.6    | 57                | 18.8    | 28           | 22.2    |
| Maternal Utilization: Medicaid    | 56              | 64.4    | 426          | 67.3    | 176          | 60.7    | 129           | 52.0    | 156           | 41.7    | 194               | 64.5    | 97           | 72.4    |
| Maternal Utilization: WIC         | 72              | 82.8    | 426          | 67.8    | 186          | 61.8    | 141           | 57.3    | 169           | 43.8    | 223               | 71.9    | 102          | 75.6    |
| Maternal Utilization: FSP         | 33              | 43.4    | 251          | 41.8    | 127          | 43.1    | 100           | 44.8    | 135           | 36.6    | 158               | 52.0    | 63           | 48.5    |
| Mother's Age: At Delivery         | 1               | 1.1     | 1            | 0.2     | 0            | 0.0     | 0             | 0.0     | 0             | 0.0     | 0                 | 0.0     | 0            | 0.0     |
| 15-17                             | 8               | 9.1     | 23           | 3.6     | 15           | 4.9     | 10            | 4.0     | 16            | 4.1     | 11                | 3.5     | 7            | 5.1     |
| 18-19                             | 7               | 8.0     | 57           | 8.9     | 36           | 11.8    | 28            | 11.1    | 21            | 5.4     | 30                | 9.7     | 11           | 8.0     |
| 20-24                             | 31              | 35.2    | 201          | 31.5    | 106          | 34.8    | 88            | 34.8    | 99            | 25.4    | 109               | 35.2    | 57           | 41.6    |
| 25-29                             | 18              | 20.5    | 180          | 28.2    | 94           | 30.8    | 66            | 26.1    | 138           | 35.5    | 92                | 29.7    | 47           | 34.3    |
| 30-34                             | 16              | 18.2    | 116          | 18.2    | 37           | 12.1    | 40            | 15.8    | 79            | 20.3    | 53                | 17.1    | 10           | 7.3     |
| 35-39                             | 6               | 6.8     | 50           | 7.8     | 12           | 3.9     | 17            | 6.7     | 31            | 8.0     | 11                | 3.5     | 5            | 3.6     |
| 40 and over                       | 1               | 1.1     | 11           | 1.7     | 5            | 1.6     | 4             | 1.6     | 5             | 1.3     | 4                 | 1.3     | 0            | 0.0     |

**Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2011**

|                                   | <u>Webster</u> |         | <u>Worth</u> |         | <u>Wright</u> |         |
|-----------------------------------|----------------|---------|--------------|---------|---------------|---------|
|                                   | Number         | Percent | Number       | Percent | Number        | Percent |
| Live Births                       | 463            | 100.0   | 22           | 100.0   | 240           | 100.0   |
| Birth Weight: Under 2500 Grams    | 25             | 5.4     | 1            | 4.5     | 15            | 6.3     |
| Birth Weight: Above 4499 Grams    | 7              | 1.5     | 0            | 0.0     | 4             | 1.7     |
| Gest. Age: Less than 37 Weeks     | 45             | 9.7     | 1            | 4.5     | 25            | 10.5    |
| APGAR (5 Min.): Less than 8       | 36             | 9.4     | 0            | 0.0     | 17            | 7.2     |
| Infant Care: NICU Admission       | 32             | 6.9     | 1            | 4.5     | 18            | 7.5     |
| Infant Care: Transfer             | 3              | 0.6     | 1            | 4.5     | 1             | 0.4     |
| Place of Birth: At-Home Delivery  | 105            | 22.7    | 0            | 0.0     | 5             | 2.1     |
| Method of Delivery: Cesarean      | 102            | 22.8    | 8            | 36.4    | 71            | 30.2    |
| Infant Care: Breastfed            | 354            | 86.6    | 18           | 81.8    | 144           | 70.2    |
| Mat. Smoking: During Preg.        | 57             | 12.4    | 5            | 22.7    | 68            | 28.5    |
| ...Quit Smoking During Preg.      | 12             | 21.1    | 2            | 40.0    | 11            | 16.2    |
| Mat. Wt.: Underweight             | 14             | 3.1     | 0            | 0.0     | 11            | 4.7     |
| Mat. Wt.: Obese                   | 121            | 26.6    | 5            | 22.7    | 69            | 29.6    |
| Mat. Sing. Wt. Gain: Low          | 50             | 13.0    | 1            | 4.8     | 25            | 12.6    |
| Mat. Sing. Wt. Gain: High         | 70             | 18.2    | 4            | 19.0    | 31            | 15.7    |
| Mother's Education: Under 12 Yrs. | 165            | 35.6    | 0            | 0.0     | 48            | 20.2    |
| Marital Status: Out-of-Wedlock    | 101            | 21.8    | 7            | 31.8    | 94            | 39.2    |
| Live Birth Order: 4 or More       | 118            | 25.7    | 0            | 0.0     | 38            | 16.0    |
| Birth Spacing: Less than 18 Mos.  | 72             | 26.2    | 1            | 11.1    | 22            | 16.8    |
| Prenatal Care: 1st Trimester      | 251            | 58.2    | 19           | 86.4    | 153           | 68.0    |
| Prenatal Care: 2nd Trimester      | 105            | 24.4    | 2            | 9.1     | 63            | 28.0    |
| Prenatal Care: 3rd Trimester      | 64             | 14.8    | 1            | 4.5     | 7             | 3.1     |
| Prenatal Care: None               | 11             | 2.6     | 0            | 0.0     | 2             | 0.9     |
| Prenatal Care: Inadequate         | 157            | 37.7    | 3            | 13.6    | 51            | 24.1    |
| Maternal Utilization: Medicaid    | 165            | 36.2    | 9            | 40.9    | 152           | 64.4    |
| Maternal Utilization: WIC         | 172            | 38.0    | 10           | 45.5    | 163           | 69.1    |
| Maternal Utilization: FSP         | 103            | 23.1    | 4            | 19.0    | 126           | 54.5    |
| Mother's Age: At Delivery         | 0              | 0.0     | 0            | 0.0     | 0             | 0.0     |
| Under 15                          | 14             | 3.0     | 0            | 0.0     | 4             | 1.7     |
| 15-17                             | 30             | 6.5     | 2            | 9.1     | 26            | 10.9    |
| 18-19                             | 126            | 27.2    | 10           | 45.5    | 98            | 41.0    |
| 20-24                             | 150            | 32.4    | 8            | 36.4    | 62            | 25.9    |
| 25-29                             | 89             | 19.2    | 0            | 0.0     | 33            | 13.8    |
| 30-34                             | 42             | 9.1     | 2            | 9.1     | 14            | 5.9     |
| 35-39                             | 12             | 2.6     | 0            | 0.0     | 2             | 0.8     |
| 40 and over                       |                |         |              |         |               |         |

**Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2011**

|                                   | Ballwin |         | Blue Springs |         | Cape Girardeau |         | Chesterfield |         | Columbia |         | Florissant |         |
|-----------------------------------|---------|---------|--------------|---------|----------------|---------|--------------|---------|----------|---------|------------|---------|
|                                   | Number  | Percent | Number       | Percent | Number         | Percent | Number       | Percent | Number   | Percent | Number     | Percent |
| Live Births                       | 298     | 100.0   | 638          | 100.0   | 446            | 100.0   | 369          | 100.0   | 1,388    | 100.0   | 661        | 100.0   |
| Birth Weight: Under 2500 Grams    | 13      | 4.4     | 31           | 4.9     | 35             | 7.9     | 23           | 6.3     | 100      | 7.2     | 39         | 5.9     |
| Birth Weight: Above 4499 Grams    | 2       | 0.7     | 5            | 0.8     | 3              | 0.7     | 7            | 1.9     | 17       | 1.2     | 11         | 1.7     |
| Gest. Age: Less than 37 Weeks     | 25      | 8.4     | 54           | 8.5     | 56             | 12.7    | 45           | 12.2    | 177      | 12.8    | 68         | 10.3    |
| APGAR (5 Min.): Less than 8       | 10      | 3.4     | 23           | 3.6     | 28             | 6.4     | 10           | 2.8     | 68       | 4.9     | 25         | 3.8     |
| Infant Care: NICU Admission       | 6       | 2.0     | 52           | 8.2     | 39             | 8.7     | 15           | 4.1     | 137      | 9.9     | 20         | 3.0     |
| Infant Care: Transfer             | 1       | 0.3     | 9            | 1.4     | 2              | 0.4     | 2            | 0.5     | 3        | 0.2     | 8          | 1.2     |
| Place of Birth: At-Home Delivery  | 2       | 0.7     | 4            | 0.6     | 2              | 0.4     | 0            | 0.0     | 5        | 0.4     | 3          | 0.5     |
| Method of Delivery: Cesarean      | 98      | 33.0    | 173          | 27.2    | 143            | 32.8    | 153          | 41.5    | 496      | 35.7    | 224        | 33.9    |
| Infant Care: Breastfed            | 248     | 86.4    | 495          | 78.6    | 216            | 60.7    | 319          | 89.6    | 1,087    | 83.7    | 426        | 67.4    |
| Mat. Smoking: During Preg.        | 10      | 3.4     | 101          | 15.9    | 87             | 19.7    | 6            | 1.6     | 161      | 11.8    | 92         | 14.1    |
| ...Quit Smoking During Preg.      | 5       | 50.0    | 29           | 28.7    | 14             | 16.1    | 4            | 66.7    | 45       | 28.0    | 25         | 27.2    |
| Mat. Wt.: Underweight             | 12      | 4.1     | 36           | 5.7     | 17             | 3.9     | 18           | 5.0     | 57       | 4.1     | 21         | 3.3     |
| Mat. Wt.: Obese                   | 29      | 9.9     | 160          | 25.4    | 94             | 21.5    | 42           | 11.7    | 254      | 18.5    | 189        | 29.3    |
| Mat. Sing. Wt. Gain: Low          | 12      | 4.6     | 58           | 10.5    | 35             | 9.9     | 17           | 5.5     | 121      | 10.7    | 80         | 14.3    |
| Mat. Sing. Wt. Gain: High         | 39      | 15.0    | 125          | 22.6    | 106            | 30.1    | 53           | 17.3    | 237      | 21.0    | 116        | 20.8    |
| Mother's Education: Under 12 Yrs. | 4       | 1.4     | 54           | 8.5     | 72             | 16.2    | 16           | 4.3     | 140      | 10.1    | 60         | 9.1     |
| Marital Status: Out-of-Wedlock    | 42      | 14.1    | 238          | 37.3    | 232            | 52.0    | 34           | 9.2     | 422      | 30.4    | 302        | 45.7    |
| Live Birth Order: 4 or More       | 21      | 7.2     | 57           | 8.9     | 50             | 11.7    | 33           | 9.0     | 108      | 7.8     | 65         | 10.2    |
| Birth Spacing: Less than 18 Mos.  | 15      | 9.3     | 34           | 9.7     | 29             | 13.6    | 16           | 7.7     | 61       | 8.6     | 42         | 12.2    |
| Prenatal Care: 1st Trimester      | 269     | 95.4    | 447          | 72.9    | 265            | 69.7    | 326          | 93.4    | 1,036    | 84.2    | 510        | 84.6    |
| Prenatal Care: 2nd Trimester      | 13      | 4.6     | 141          | 23.0    | 100            | 26.3    | 21           | 6.0     | 164      | 13.3    | 71         | 11.8    |
| Prenatal Care: 3rd Trimester      | 0       | 0.0     | 18           | 2.9     | 10             | 2.6     | 1            | 0.3     | 30       | 2.4     | 15         | 2.5     |
| Prenatal Care: None               | 0       | 0.0     | 7            | 1.1     | 5              | 1.3     | 1            | 0.3     | 1        | 0.1     | 7          | 1.2     |
| Prenatal Care: Inadequate         | 8       | 2.9     | 92           | 15.3    | 59             | 17.0    | 12           | 3.5     | 120      | 16.1    | 75         | 12.9    |
| Maternal Utilization: Medicaid    | 20      | 7.2     | 215          | 34.3    | 218            | 56.5    | 32           | 9.2     | 409      | 29.5    | 218        | 35.5    |
| Maternal Utilization: WIC         | 28      | 9.9     | 237          | 37.5    | 242            | 55.1    | 33           | 9.5     | 428      | 31.5    | 257        | 39.9    |
| Maternal Utilization: FSP         | 9       | 3.2     | 123          | 21.2    | 179            | 41.5    | 18           | 5.2     | 317      | 23.7    | 184        | 29.3    |
| Mother's Age: At Delivery         | 0       | 0.0     | 1            | 0.2     | 0              | 0.0     | 0            | 0.0     | 0        | 0.0     | 0          | 0.0     |
| 15-17                             | 1       | 0.3     | 8            | 1.3     | 11             | 2.5     | 1            | 0.3     | 28       | 2.0     | 12         | 1.8     |
| 18-19                             | 6       | 2.0     | 30           | 4.7     | 50             | 11.2    | 3            | 0.8     | 56       | 4.0     | 35         | 5.3     |
| 20-24                             | 21      | 7.0     | 166          | 26.0    | 128            | 28.7    | 25           | 6.8     | 235      | 16.9    | 151        | 22.9    |
| 25-29                             | 86      | 28.9    | 227          | 35.6    | 140            | 31.4    | 91           | 24.7    | 488      | 35.2    | 229        | 34.7    |
| 30-34                             | 120     | 40.3    | 140          | 21.9    | 89             | 20.0    | 162          | 44.0    | 412      | 29.7    | 173        | 26.2    |
| 35-39                             | 52      | 17.4    | 55           | 8.6     | 25             | 5.6     | 62           | 16.8    | 142      | 10.2    | 48         | 7.3     |
| 40 and over                       | 12      | 4.0     | 11           | 1.7     | 3              | 0.7     | 24           | 6.5     | 27       | 1.9     | 12         | 1.8     |

**Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2011**

|                                   | <u>Gladstone</u> |         | <u>Hazelwood</u> |         | <u>Independence</u> |         | <u>Jefferson City</u> |         | <u>Joplin - Total</u> |         | <u>Joplin - Jasper County</u> |         |
|-----------------------------------|------------------|---------|------------------|---------|---------------------|---------|-----------------------|---------|-----------------------|---------|-------------------------------|---------|
|                                   | Number           | Percent | Number           | Percent | Number              | Percent | Number                | Percent | Number                | Percent | Number                        | Percent |
| Live Births                       | 338              | 100.0   | 379              | 100.0   | 1,600               | 100.0   | 512                   | 100.0   | 699                   | 100.0   | 627                           | 100.0   |
| Birth Weight: Under 2500 Grams    | 20               | 5.9     | 44               | 11.8    | 108                 | 6.8     | 42                    | 8.2     | 48                    | 6.9     | 46                            | 7.3     |
| Birth Weight: Above 4499 Grams    | 7                | 2.1     | 1                | 0.3     | 16                  | 1.0     | 7                     | 1.4     | 3                     | 0.4     | 1                             | 0.2     |
| Gest. Age: Less than 37 Weeks     | 42               | 12.5    | 64               | 16.9    | 158                 | 9.9     | 56                    | 11.0    | 76                    | 10.9    | 71                            | 11.4    |
| APGAR (5 Min.): Less than 8       | 16               | 4.8     | 15               | 4.0     | 78                  | 4.9     | 24                    | 4.7     | 17                    | 2.5     | 16                            | 2.6     |
| Infant Care: NICU Admission       | 33               | 9.8     | 14               | 3.7     | 135                 | 8.4     | 27                    | 5.3     | 36                    | 5.2     | 34                            | 5.4     |
| Infant Care: Transfer             | 2                | 0.6     | 5                | 1.3     | 11                  | 0.7     | 6                     | 1.2     | 3                     | 0.4     | 3                             | 0.5     |
| Place of Birth: At-Home Delivery  | 6                | 1.8     | 0                | 0.0     | 15                  | 0.9     | 0                     | 0.0     | 10                    | 1.4     | 9                             | 1.4     |
| Method of Delivery: Cesarean      | 101              | 30.1    | 132              | 34.8    | 445                 | 27.9    | 149                   | 29.1    | 206                   | 29.5    | 184                           | 29.3    |
| Infant Care: Breastfed            | 255              | 78.5    | 241              | 67.1    | 1,080               | 71.1    | 382                   | 77.8    | 499                   | 71.7    | 438                           | 70.2    |
| Mat. Smoking: During Preg.        | 58               | 17.2    | 50               | 13.3    | 396                 | 25.0    | 104                   | 20.5    | 167                   | 24.3    | 157                           | 25.4    |
| ...Quit Smoking During Preg.      | 14               | 4.1     | 9                | 2.4     | 101                 | 6.3     | 28                    | 5.5     | 32                    | 4.6     | 32                            | 4.9     |
| Mat. Wt.: Underweight             | 10               | 3.0     | 24               | 6.6     | 74                  | 4.7     | 22                    | 4.3     | 30                    | 4.3     | 27                            | 4.4     |
| Mat. Wt.: Obese                   | 85               | 25.5    | 101              | 27.7    | 446                 | 28.6    | 136                   | 26.7    | 195                   | 28.3    | 177                           | 28.6    |
| Mat. Sing. Wt. Gain: Low          | 20               | 7.1     | 38               | 12.8    | 172                 | 12.6    | 54                    | 12.2    | 79                    | 13.2    | 73                            | 13.6    |
| Mat. Sing. Wt. Gain: High         | 71               | 25.2    | 49               | 16.6    | 287                 | 21.0    | 94                    | 21.3    | 102                   | 17.0    | 88                            | 16.4    |
| Mother's Education: Under 12 Yrs. | 46               | 13.6    | 37               | 9.8     | 322                 | 20.3    | 77                    | 15.1    | 134                   | 19.3    | 123                           | 19.7    |
| Marital Status: Out-of-Wedlock    | 156              | 46.2    | 193              | 50.9    | 816                 | 51.0    | 224                   | 43.8    | 316                   | 45.2    | 285                           | 45.5    |
| Live Birth Order: 4 or More       | 33               | 9.8     | 33               | 8.9     | 187                 | 11.7    | 65                    | 12.7    | 74                    | 10.6    | 64                            | 10.2    |
| Birth Spacing: Less than 18 Mos.  | 17               | 9.7     | 25               | 13.5    | 121                 | 13.3    | 38                    | 13.3    | 47                    | 12.4    | 44                            | 12.8    |
| Prenatal Care: 1st Trimester      | 218              | 66.1    | 280              | 78.0    | 968                 | 62.9    | 310                   | 62.4    | 439                   | 63.8    | 392                           | 63.6    |
| Prenatal Care: 2nd Trimester      | 89               | 27.0    | 68               | 18.9    | 469                 | 30.5    | 154                   | 31.0    | 206                   | 29.9    | 185                           | 30.0    |
| Prenatal Care: 3rd Trimester      | 18               | 5.5     | 9                | 2.5     | 76                  | 4.9     | 28                    | 5.6     | 30                    | 4.4     | 27                            | 4.4     |
| Prenatal Care: None               | 5                | 1.5     | 2                | 0.6     | 27                  | 1.8     | 5                     | 1.0     | 13                    | 1.9     | 12                            | 1.9     |
| Prenatal Care: Inadequate         | 71               | 21.8    | 60               | 17.8    | 360                 | 23.5    | 109                   | 23.4    | 196                   | 29.1    | 180                           | 29.8    |
| Maternal Utilization: Medicaid    | 123              | 37.7    | 154              | 43.4    | 855                 | 54.6    | 214                   | 42.0    | 405                   | 58.1    | 372                           | 59.5    |
| Maternal Utilization: WIC         | 139              | 42.0    | 170              | 46.4    | 897                 | 56.8    | 231                   | 45.9    | 373                   | 54.2    | 340                           | 55.2    |
| Maternal Utilization: FSP         | 92               | 28.9    | 124              | 35.0    | 613                 | 41.6    | 169                   | 33.7    | 251                   | 37.8    | 237                           | 39.8    |
| Mother's Age: At Delivery         | 0                | 0.0     | 0                | 0.0     | 0                   | 0.0     | 0                     | 0.0     | 2                     | 0.3     | 2                             | 0.3     |
| 15-17                             | 8                | 2.4     | 8                | 2.1     | 35                  | 2.2     | 18                    | 3.5     | 17                    | 2.4     | 13                            | 2.1     |
| 18-19                             | 22               | 6.5     | 24               | 6.3     | 138                 | 8.6     | 28                    | 5.5     | 57                    | 8.2     | 51                            | 8.1     |
| 20-24                             | 85               | 25.1    | 106              | 28.0    | 499                 | 31.2    | 140                   | 27.3    | 233                   | 33.3    | 216                           | 34.4    |
| 25-29                             | 99               | 29.3    | 118              | 31.1    | 503                 | 31.4    | 166                   | 32.4    | 226                   | 32.3    | 202                           | 32.2    |
| 30-34                             | 91               | 26.9    | 76               | 20.1    | 304                 | 19.0    | 114                   | 22.3    | 119                   | 17.0    | 105                           | 16.7    |
| 35-39                             | 28               | 8.3     | 41               | 10.8    | 97                  | 6.1     | 43                    | 8.4     | 40                    | 5.7     | 33                            | 5.3     |
| 40 and over                       | 5                | 1.5     | 6                | 1.6     | 24                  | 1.5     | 3                     | 0.6     | 5                     | 0.7     | 5                             | 0.8     |

**Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2011**

|                                   | Joplin - Newton County |         | Kansas City - Total |         | Kansas City - Jackson County |         | Kansas City - Clay County |         | Kansas City - Platte County |         | Kansas City - Cass County |         |
|-----------------------------------|------------------------|---------|---------------------|---------|------------------------------|---------|---------------------------|---------|-----------------------------|---------|---------------------------|---------|
|                                   | Number                 | Percent | Number              | Percent | Number                       | Percent | Number                    | Percent | Number                      | Percent | Number                    | Percent |
| Live Births                       | 72                     | 100.0   | 7,218               | 100.0   | 4,811                        | 100.0   | 1,782                     | 100.0   | 621                         | 100.0   | 4                         | 100.0   |
| Birth Weight: Under 2500 Grams    | 2                      | 2.8     | 645                 | 8.9     | 486                          | 10.1    | 113                       | 6.3     | 46                          | 7.4     | 0                         | 0.0     |
| Birth Weight: Above 4499 Grams    | 2                      | 2.8     | 75                  | 1.0     | 52                           | 1.1     | 16                        | 0.9     | 7                           | 1.1     | 0                         | 0.0     |
| Gest. Age: Less than 37 Weeks     | 5                      | 6.9     | 890                 | 12.4    | 637                          | 13.3    | 183                       | 10.3    | 70                          | 11.3    | 0                         | 0.0     |
| APGAR (5 Min.): Less than 8       | 1                      | 1.4     | 419                 | 5.8     | 307                          | 6.4     | 87                        | 4.9     | 25                          | 4.0     | 0                         | 0.0     |
| Infant Care: NICU Admission       | 2                      | 2.8     | 699                 | 9.7     | 502                          | 10.4    | 141                       | 7.9     | 55                          | 8.9     | 1                         | 25.0    |
| Infant Care: Transfer             | 0                      | 0.0     | 69                  | 1.0     | 44                           | 0.9     | 18                        | 1.0     | 7                           | 1.1     | 0                         | 0.0     |
| Place of Birth: At-Home Delivery  | 1                      | 1.4     | 81                  | 1.1     | 69                           | 1.4     | 10                        | 0.6     | 2                           | 0.3     | 0                         | 0.0     |
| Method of Delivery: Cesarean      | 22                     | 30.6    | 2,034               | 28.2    | 1,290                        | 26.9    | 522                       | 29.3    | 222                         | 35.9    | 0                         | 0.0     |
| Infant Care: Breastfed            | 61                     | 84.7    | 5,065               | 76.7    | 3,199                        | 74.3    | 1,368                     | 80.6    | 495                         | 83.6    | 3                         | 75.0    |
| Mat. Smoking: During Preg.        | 10                     | 14.3    | 944                 | 13.2    | 663                          | 14.0    | 217                       | 12.2    | 64                          | 10.3    | 0                         | 0.0     |
| ...Quit Smoking During Preg.      | 0                      | 0.0     | 223                 | 23.6    | 156                          | 23.5    | 56                        | 25.8    | 11                          | 17.2    | 0                         | 0.0     |
| Mat. Wt.: Underweight             | 3                      | 4.2     | 265                 | 3.9     | 168                          | 3.7     | 66                        | 3.8     | 31                          | 5.1     | 0                         | 0.0     |
| Mat. Wt.: Obese                   | 18                     | 25.4    | 1,593               | 23.3    | 1,117                        | 24.9    | 354                       | 20.3    | 120                         | 19.8    | 2                         | 50.0    |
| Mat. Sing. Wt. Gain: Low          | 6                      | 9.7     | 652                 | 11.0    | 450                          | 11.6    | 148                       | 9.7     | 54                          | 10.3    | 0                         | 0.0     |
| Mat. Sing. Wt. Gain: High         | 14                     | 22.6    | 1,200               | 20.2    | 758                          | 19.5    | 326                       | 21.3    | 115                         | 21.9    | 1                         | 25.0    |
| Mother's Education: Under 12 Yrs. | 11                     | 15.5    | 1,459               | 20.3    | 1,241                        | 25.9    | 172                       | 9.7     | 46                          | 7.4     | 0                         | 0.0     |
| Marital Status: Out-of-Wedlock    | 31                     | 43.1    | 3,585               | 49.7    | 2,868                        | 59.6    | 510                       | 28.6    | 207                         | 33.3    | 0                         | 0.0     |
| Live Birth Order: 4 or More       | 10                     | 13.9    | 974                 | 13.5    | 738                          | 15.3    | 176                       | 9.9     | 59                          | 9.5     | 1                         | 25.0    |
| Birth Spacing: Less than 18 Mos.  | 3                      | 8.1     | 512                 | 13.0    | 389                          | 14.6    | 88                        | 9.2     | 35                          | 11.1    | 0                         | 0.0     |
| Prenatal Care: 1st Trimester      | 47                     | 65.3    | 4,638               | 67.4    | 2,842                        | 62.5    | 1,331                     | 76.9    | 462                         | 77.1    | 3                         | 75.0    |
| Prenatal Care: 2nd Trimester      | 21                     | 29.2    | 1,765               | 25.7    | 1,315                        | 28.9    | 338                       | 19.5    | 111                         | 18.5    | 1                         | 25.0    |
| Prenatal Care: 3rd Trimester      | 3                      | 4.2     | 375                 | 5.5     | 305                          | 6.7     | 49                        | 2.8     | 21                          | 3.5     | 0                         | 0.0     |
| Prenatal Care: None               | 1                      | 1.4     | 102                 | 1.5     | 85                           | 1.9     | 12                        | 0.7     | 5                           | 0.8     | 0                         | 0.0     |
| Prenatal Care: Inadequate         | 16                     | 23.2    | 1,662               | 24.4    | 1,310                        | 28.9    | 256                       | 15.1    | 95                          | 16.0    | 1                         | 25.0    |
| Maternal Utilization: Medicaid    | 33                     | 45.8    | 3,387               | 48.2    | 2,746                        | 59.0    | 490                       | 27.9    | 148                         | 24.2    | 3                         | 75.0    |
| Maternal Utilization: WIC         | 33                     | 45.8    | 3,590               | 50.6    | 2,893                        | 61.4    | 518                       | 29.3    | 176                         | 28.6    | 3                         | 75.0    |
| Maternal Utilization: FSP         | 14                     | 20.6    | 2,450               | 40.8    | 2,020                        | 52.7    | 326                       | 20.1    | 102                         | 18.7    | 2                         | 66.7    |
| Mother's Age: At Delivery         | 0                      | 0.0     | 12                  | 0.2     | 10                           | 0.2     | 2                         | 0.1     | 0                           | 0.0     | 0                         | 0.0     |
| 15-17                             | 4                      | 5.6     | 191                 | 2.6     | 161                          | 3.3     | 25                        | 1.4     | 5                           | 0.8     | 0                         | 0.0     |
| 18-19                             | 6                      | 8.3     | 474                 | 6.6     | 375                          | 7.8     | 77                        | 4.3     | 22                          | 3.5     | 0                         | 0.0     |
| 20-24                             | 17                     | 23.6    | 1,818               | 25.2    | 1,376                        | 28.6    | 324                       | 18.2    | 117                         | 18.8    | 1                         | 25.0    |
| 25-29                             | 24                     | 33.3    | 2,169               | 30.1    | 1,330                        | 27.7    | 652                       | 36.6    | 185                         | 29.8    | 2                         | 50.0    |
| 30-34                             | 14                     | 19.4    | 1,686               | 23.4    | 1,004                        | 20.9    | 487                       | 27.3    | 194                         | 31.2    | 1                         | 25.0    |
| 35-39                             | 7                      | 9.7     | 732                 | 10.1    | 462                          | 9.6     | 190                       | 10.7    | 80                          | 12.9    | 0                         | 0.0     |
| 40 and over                       | 0                      | 0.0     | 134                 | 1.9     | 92                           | 1.9     | 24                        | 1.3     | 18                          | 2.9     | 0                         | 0.0     |

**Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2011**

|                                   | Kirkwood |         | Lee's Summit |         | Liberty |         | Maryland Heights |         | O'Fallon |         | Raytown |         |
|-----------------------------------|----------|---------|--------------|---------|---------|---------|------------------|---------|----------|---------|---------|---------|
|                                   | Number   | Percent | Number       | Percent | Number  | Percent | Number           | Percent | Number   | Percent | Number  | Percent |
| Live Births                       | 353      | 100.0   | 1,090        | 100.0   | 346     | 100.0   | 383              | 100.0   | 1,138    | 100.0   | 348     | 100.0   |
| Birth Weight: Under 2500 Grams    | 25       | 7.2     | 75           | 6.9     | 25      | 7.2     | 25               | 6.6     | 71       | 6.3     | 25      | 7.2     |
| Birth Weight: Above 4499 Grams    | 2        | 0.6     | 13           | 1.2     | 1       | 0.3     | 4                | 1.1     | 21       | 1.9     | 4       | 1.1     |
| Gest. Age: Less than 37 Weeks     | 48       | 13.6    | 117          | 10.8    | 38      | 11.0    | 36               | 9.4     | 93       | 8.2     | 46      | 13.3    |
| APGAR (5 Min.): Less than 8       | 12       | 3.5     | 47           | 4.3     | 14      | 4.1     | 11               | 2.9     | 32       | 2.8     | 20      | 5.8     |
| Infant Care: NICU Admission       | 27       | 7.6     | 99           | 9.1     | 33      | 9.5     | 15               | 3.9     | 41       | 3.6     | 35      | 10.1    |
| Infant Care: Transfer             | 4        | 1.1     | 11           | 1.0     | 4       | 1.2     | 0                | 0.0     | 17       | 1.5     | 3       | 0.9     |
| Place of Birth: At-Home Delivery  | 3        | 0.8     | 9            | 0.8     | 6       | 1.7     | 1                | 0.3     | 2        | 0.2     | 2       | 0.6     |
| Method of Delivery: Cesarean      | 140      | 39.7    | 335          | 30.8    | 94      | 27.2    | 148              | 38.6    | 400      | 35.1    | 95      | 27.5    |
| Infant Care: Breastfed            | 294      | 87.0    | 890          | 84.0    | 286     | 83.9    | 308              | 84.4    | 867      | 78.2    | 246     | 75.7    |
| Mat. Smoking: During Preg.        | 12       | 3.4     | 87           | 8.0     | 56      | 16.3    | 23               | 6.1     | 87       | 7.7     | 57      | 16.5    |
| ...Quit Smoking During Preg.      | 4        | 33.3    | 28           | 32.2    | 14      | 25.0    | 6                | 26.1    | 25       | 28.7    | 16      | 28.1    |
| Mat. Wt.: Underweight             | 19       | 5.5     | 40           | 3.8     | 21      | 6.2     | 10               | 2.7     | 39       | 3.5     | 13      | 3.8     |
| Mat. Wt.: Obese                   | 40       | 11.6    | 204          | 19.5    | 76      | 22.4    | 81               | 21.9    | 221      | 19.6    | 90      | 26.5    |
| Mat. Sing. Wt. Gain: Low          | 18       | 6.3     | 69           | 7.6     | 26      | 8.8     | 24               | 7.5     | 85       | 8.5     | 32      | 11.3    |
| Mat. Sing. Wt. Gain: High         | 41       | 14.4    | 201          | 22.0    | 67      | 22.8    | 63               | 19.6    | 229      | 22.8    | 55      | 19.4    |
| Mother's Education: Under 12 Yrs. | 8        | 2.3     | 55           | 5.1     | 25      | 7.2     | 19               | 5.0     | 67       | 5.9     | 44      | 12.7    |
| Marital Status: Out-of-Wedlock    | 59       | 16.7    | 275          | 25.2    | 99      | 28.6    | 110              | 28.7    | 256      | 22.5    | 175     | 50.3    |
| Live Birth Order: 4 or More       | 25       | 7.3     | 114          | 10.5    | 38      | 11.0    | 28               | 7.6     | 81       | 7.2     | 48      | 14.0    |
| Birth Spacing: Less than 18 Mos.  | 13       | 7.3     | 45           | 7.6     | 21      | 10.8    | 14               | 8.2     | 65       | 10.7    | 30      | 16.4    |
| Prenatal Care: 1st Trimester      | 312      | 92.9    | 831          | 80.1    | 265     | 78.6    | 309              | 87.5    | 934      | 85.8    | 217     | 64.6    |
| Prenatal Care: 2nd Trimester      | 20       | 6.0     | 176          | 17.0    | 63      | 18.7    | 40               | 11.3    | 131      | 12.0    | 99      | 29.5    |
| Prenatal Care: 3rd Trimester      | 2        | 0.6     | 24           | 2.3     | 9       | 2.7     | 3                | 0.8     | 22       | 2.0     | 19      | 5.7     |
| Prenatal Care: None               | 2        | 0.6     | 6            | 0.6     | 0       | 0.0     | 1                | 0.3     | 2        | 0.2     | 1       | 0.3     |
| Prenatal Care: Inadequate         | 11       | 3.4     | 129          | 13.1    | 41      | 12.5    | 23               | 6.9     | 69       | 6.4     | 77      | 23.4    |
| Maternal Utilization: Medicaid    | 48       | 14.2    | 218          | 20.6    | 81      | 23.8    | 71               | 19.7    | 188      | 17.1    | 169     | 50.4    |
| Maternal Utilization: WIC         | 43       | 12.4    | 223          | 20.9    | 83      | 24.1    | 85               | 23.8    | 165      | 14.9    | 182     | 53.1    |
| Maternal Utilization: FSP         | 36       | 10.4    | 142          | 16.3    | 67      | 20.6    | 39               | 11.1    | 115      | 10.5    | 94      | 31.4    |
| Mother's Age: At Delivery         | 0        | 0.0     | 0            | 0.0     | 0       | 0.0     | 0                | 0.0     | 0        | 0.0     | 0       | 0.0     |
| 15-17                             | 2        | 0.6     | 6            | 0.6     | 3       | 0.9     | 4                | 1.0     | 6        | 0.5     | 10      | 2.9     |
| 18-19                             | 6        | 1.7     | 33           | 3.0     | 19      | 5.5     | 6                | 1.6     | 37       | 3.3     | 21      | 6.0     |
| 20-24                             | 22       | 6.2     | 154          | 14.1    | 65      | 18.8    | 51               | 13.3    | 155      | 13.6    | 95      | 27.3    |
| 25-29                             | 84       | 23.8    | 361          | 33.1    | 99      | 28.6    | 154              | 40.2    | 372      | 32.7    | 119     | 34.2    |
| 30-34                             | 156      | 44.2    | 359          | 33.0    | 115     | 33.2    | 118              | 30.8    | 392      | 34.4    | 72      | 20.7    |
| 35-39                             | 64       | 18.1    | 142          | 13.0    | 39      | 11.3    | 40               | 10.4    | 151      | 13.3    | 25      | 7.2     |
| 40 and over                       | 19       | 5.4     | 34           | 3.1     | 6       | 1.7     | 10               | 2.6     | 25       | 2.2     | 6       | 1.7     |

**Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2011**

|                                   | St. Charles |         | St. Joseph |         | St. Louis City |         | St. Peters |         | Springfield |         | University City |         |
|-----------------------------------|-------------|---------|------------|---------|----------------|---------|------------|---------|-------------|---------|-----------------|---------|
|                                   | Number      | Percent | Number     | Percent | Number         | Percent | Number     | Percent | Number      | Percent | Number          | Percent |
| Live Births                       | 775         | 100.0   | 1,106      | 100.0   | 4,957          | 100.0   | 668        | 100.0   | 2,138       | 100.0   | 490             | 100.0   |
| Birth Weight: Under 2500 Grams    | 60          | 7.8     | 95         | 8.6     | 621            | 12.6    | 55         | 8.3     | 176         | 8.2     | 35              | 7.2     |
| Birth Weight: Above 4499 Grams    | 11          | 1.4     | 10         | 0.9     | 31             | 0.6     | 6          | 0.9     | 21          | 1.0     | 3               | 0.6     |
| Gest. Age: Less than 37 Weeks     | 87          | 11.2    | 141        | 12.7    | 763            | 15.4    | 97         | 14.6    | 237         | 11.1    | 48              | 9.8     |
| APGAR (5 Min.): Less than 8       | 19          | 2.5     | 30         | 2.7     | 340            | 6.9     | 19         | 2.9     | 114         | 5.3     | 24              | 4.9     |
| Infant Care: NICU Admission       | 28          | 3.6     | 68         | 6.1     | 321            | 6.5     | 29         | 4.3     | 147         | 6.9     | 25              | 5.1     |
| Infant Care: Transfer             | 13          | 1.7     | 29         | 2.6     | 117            | 2.4     | 9          | 1.3     | 3           | 0.1     | 7               | 1.4     |
| Place of Birth: At-Home Delivery  | 1           | 0.1     | 5          | 0.5     | 20             | 0.4     | 3          | 0.4     | 42          | 2.0     | 1               | 0.2     |
| Method of Delivery: Cesarean      | 275         | 35.5    | 286        | 25.9    | 1,519          | 30.7    | 246        | 36.8    | 557         | 27.0    | 154             | 31.4    |
| Infant Care: Breastfed            | 589         | 77.6    | 602        | 57.4    | 3,150          | 65.1    | 489        | 76.0    | 1,519       | 83.0    | 406             | 85.1    |
| Mat. Smoking: During Preg.        | 116         | 15.0    | 282        | 25.5    | 749            | 15.3    | 73         | 11.0    | 502         | 23.6    | 24              | 5.0     |
| ...Quit Smoking During Preg.      | 32          | 27.6    | 61         | 21.6    | 182            | 24.3    | 20         | 27.4    | 114         | 22.7    | 5               | 20.8    |
| Mat. Wt.: Underweight             | 24          | 3.2     | 60         | 5.6     | 215            | 4.5     | 19         | 2.9     | 139         | 6.6     | 22              | 4.6     |
| Mat. Wt.: Obese                   | 159         | 21.0    | 261        | 24.4    | 1,122          | 23.2    | 142        | 21.4    | 500         | 23.9    | 78              | 16.2    |
| Mat. Sing. Wt. Gain: Low          | 45          | 6.9     | 92         | 9.9     | 369            | 9.7     | 49         | 8.9     | 196         | 11.0    | 23              | 5.7     |
| Mat. Sing. Wt. Gain: High         | 156         | 23.8    | 243        | 26.1    | 725            | 19.1    | 127        | 23.0    | 426         | 23.9    | 65              | 16.1    |
| Mother's Education: Under 12 Yrs. | 85          | 11.0    | 232        | 21.0    | 1,105          | 22.4    | 29         | 4.3     | 381         | 17.9    | 34              | 7.0     |
| Marital Status: Out-of-Wedlock    | 274         | 35.4    | 603        | 54.5    | 2,991          | 60.3    | 169        | 25.3    | 987         | 46.2    | 160             | 32.7    |
| Live Birth Order: 4 or More       | 60          | 7.8     | 120        | 10.9    | 688            | 14.0    | 46         | 7.0     | 205         | 9.6     | 53              | 10.9    |
| Birth Spacing: Less than 18 Mos.  | 49          | 12.8    | 94         | 14.5    | 287            | 14.4    | 22         | 6.8     | 152         | 14.9    | 26              | 10.5    |
| Prenatal Care: 1st Trimester      | 575         | 83.7    | 873        | 80.2    | 3,412          | 73.7    | 544        | 86.2    | 1,301       | 69.9    | 384             | 85.5    |
| Prenatal Care: 2nd Trimester      | 86          | 12.5    | 169        | 15.5    | 917            | 19.8    | 73         | 11.6    | 429         | 23.1    | 53              | 11.8    |
| Prenatal Care: 3rd Trimester      | 20          | 2.9     | 35         | 3.2     | 182            | 3.9     | 10         | 1.6     | 59          | 3.2     | 9               | 2.0     |
| Prenatal Care: None               | 6           | 0.9     | 11         | 1.0     | 117            | 2.5     | 4          | 0.6     | 72          | 3.9     | 3               | 0.7     |
| Prenatal Care: Inadequate         | 59          | 8.7     | 136        | 13.1    | 1,144          | 25.7    | 46         | 7.4     | 370         | 21.6    | 46              | 10.7    |
| Maternal Utilization: Medicaid    | 184         | 24.7    | 690        | 62.6    | 3,170          | 65.3    | 108        | 16.7    | 1,231       | 58.8    | 147             | 30.9    |
| Maternal Utilization: WIC         | 210         | 27.9    | 625        | 57.4    | 2,726          | 56.5    | 91         | 13.9    | 1,284       | 61.1    | 138             | 29.3    |
| Maternal Utilization: FSP         | 159         | 21.5    | 461        | 43.2    | 2,492          | 52.4    | 78         | 11.9    | 950         | 46.0    | 109             | 23.8    |
| Mother's Age: At Delivery         | 0           | 0.0     | 1          | 0.1     | 7              | 0.1     | 0          | 0.0     | 1           | 0.0     | 0               | 0.0     |
| 15-17                             | 9           | 1.2     | 38         | 3.4     | 210            | 4.2     | 10         | 1.5     | 52          | 2.4     | 9               | 1.8     |
| 18-19                             | 26          | 3.4     | 112        | 10.1    | 381            | 7.7     | 15         | 2.2     | 159         | 7.4     | 18              | 3.7     |
| 20-24                             | 154         | 19.9    | 373        | 33.8    | 1,410          | 28.5    | 104        | 15.6    | 690         | 32.3    | 64              | 13.1    |
| 25-29                             | 247         | 31.9    | 335        | 30.3    | 1,319          | 26.6    | 234        | 35.0    | 657         | 30.7    | 115             | 23.5    |
| 30-34                             | 240         | 31.0    | 181        | 16.4    | 1,100          | 22.2    | 220        | 32.9    | 416         | 19.5    | 186             | 38.0    |
| 35-39                             | 83          | 10.7    | 54         | 4.9     | 439            | 8.9     | 60         | 9.0     | 140         | 6.5     | 84              | 17.2    |
| 40 and over                       | 16          | 2.1     | 11         | 1.0     | 90             | 1.8     | 25         | 3.7     | 23          | 1.1     | 13              | 2.7     |



**Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2011**

|                                   | Wentzville |         | Wildwood |         |
|-----------------------------------|------------|---------|----------|---------|
|                                   | Number     | Percent | Number   | Percent |
| Live Births                       | 568        | 100.0   | 258      | 100.0   |
| Birth Weight: Under 2500 Grams    | 29         | 5.1     | 17       | 6.6     |
| Birth Weight: Above 4499 Grams    | 9          | 1.6     | 5        | 2.0     |
| Gest. Age: Less than 37 Weeks     | 48         | 8.5     | 20       | 7.8     |
| APGAR (5 Min.): Less than 8       | 17         | 3.0     | 9        | 3.5     |
| Infant Care: NICU Admission       | 24         | 4.2     | 9        | 3.5     |
| Infant Care: Transfer             | 10         | 1.8     | 0        | 0.0     |
| Place of Birth: At-Home Delivery  | 2          | 0.4     | 1        | 0.4     |
| Method of Delivery: Cesarean      | 187        | 32.9    | 95       | 36.8    |
| Infant Care: Breastfed            | 421        | 75.9    | 220      | 89.1    |
| Mat. Smoking: During Preg.        | 48         | 8.5     | 2        | 0.8     |
| ...Quit Smoking During Preg.      | 16         | 33.3    | 0        | 0.0     |
| Mat. Wt.: Underweight             | 19         | 3.4     | 9        | 3.5     |
| Mat. Wt.: Obese                   | 135        | 24.0    | 22       | 8.7     |
| Mat. Sing. Wt. Gain: Low          | 43         | 8.7     | 8        | 3.6     |
| Mat. Sing. Wt. Gain: High         | 115        | 23.1    | 50       | 22.6    |
| Mother's Education: Under 12 Yrs. | 17         | 3.0     | 4        | 1.6     |
| Marital Status: Out-of-Wedlock    | 100        | 17.6    | 29       | 11.2    |
| Live Birth Order: 4 or More       | 80         | 14.2    | 36       | 14.3    |
| Birth Spacing: Less than 18 Mos.  | 31         | 9.1     | 12       | 7.5     |
| Prenatal Care: 1st Trimester      | 470        | 86.2    | 232      | 91.7    |
| Prenatal Care: 2nd Trimester      | 60         | 11.0    | 18       | 7.1     |
| Prenatal Care: 3rd Trimester      | 14         | 2.6     | 1        | 0.4     |
| Prenatal Care: None               | 1          | 0.2     | 2        | 0.8     |
| Prenatal Care: Inadequate         | 37         | 6.9     | 10       | 4.0     |
| Maternal Utilization: Medicaid    | 79         | 14.5    | 12       | 4.9     |
| Maternal Utilization: WIC         | 59         | 10.6    | 20       | 7.9     |
| Maternal Utilization: FSP         | 58         | 10.6    | 6        | 2.4     |
| Mother's Age: At Delivery         | 0          | 0.0     | 0        | 0.0     |
| Under 15                          | 0          | 0.0     | 1        | 0.4     |
| 15-17                             | 11         | 1.9     | 4        | 1.6     |
| 18-19                             | 70         | 12.3    | 12       | 4.7     |
| 20-24                             | 203        | 35.7    | 46       | 17.8    |
| 25-29                             | 191        | 33.6    | 107      | 41.5    |
| 30-34                             | 76         | 13.4    | 59       | 22.9    |
| 35-39                             | 17         | 3.0     | 29       | 11.2    |
| 40 and over                       |            |         |          |         |

**Table 11. Resident Teen-Age Pregnancies And Abortions By Selected Ages By County of Residence: Missouri, 2011**

|                    | <u>Total Pregnancies</u> |          |       | <u>Abortions</u> |          |       |
|--------------------|--------------------------|----------|-------|------------------|----------|-------|
|                    | Under 20                 | Under 18 | 18-19 | Under 20         | Under 18 | 18-19 |
| <b>State Total</b> | 8,322                    | 2,371    | 5,951 | 1,285            | 427      | 858   |
| Adair              | 27                       | 5        | 22    | 2                | 0        | 2     |
| Andrew             | 27                       | 8        | 19    | 3                | 1        | 2     |
| Atchison           | 4                        | 2        | 2     | 0                | 0        | 0     |
| Audrain            | 36                       | 9        | 27    | 5                | 0        | 5     |
| Barry              | 69                       | 20       | 49    | 3                | 1        | 2     |
| Barton             | 9                        | 3        | 6     | 1                | 1        | 0     |
| Bates              | 27                       | 7        | 20    | 2                | 0        | 2     |
| Benton             | 30                       | 9        | 21    | 1                | 1        | 0     |
| Bollinger          | 12                       | 3        | 9     | 0                | 0        | 0     |
| Boone              | 167                      | 49       | 118   | 41               | 8        | 33    |
| Buchanan           | 181                      | 49       | 132   | 17               | 4        | 13    |
| Butler             | 91                       | 29       | 62    | 2                | 1        | 1     |
| Caldwell           | 9                        | 3        | 6     | 1                | 0        | 1     |
| Callaway           | 50                       | 7        | 43    | 8                | 2        | 6     |
| Camden             | 57                       | 21       | 36    | 14               | 6        | 8     |
| Cape Girardeau     | 112                      | 27       | 85    | 11               | 4        | 7     |
| Carroll            | 14                       | 3        | 11    | 1                | 1        | 0     |
| Carter             | 13                       | 1        | 12    | 0                | 0        | 0     |
| Cass               | 120                      | 50       | 70    | 27               | 13       | 14    |
| Cedar              | 17                       | 5        | 12    | 1                | 1        | 0     |
| Chariton           | 7                        | 2        | 5     | 0                | 0        | 0     |
| Christian          | 75                       | 26       | 49    | 7                | 5        | 2     |
| Clark              | 7                        | 2        | 5     | 0                | 0        | 0     |
| Clay               | 249                      | 55       | 194   | 58               | 10       | 48    |
| Clinton            | 26                       | 8        | 18    | 5                | 1        | 4     |
| Cole               | 83                       | 32       | 51    | 11               | 4        | 7     |
| Cooper             | 24                       | 7        | 17    | 5                | 4        | 1     |
| Crawford           | 37                       | 6        | 31    | 5                | 1        | 4     |
| Dade               | 11                       | 2        | 9     | 1                | 1        | 0     |
| Dallas             | 28                       | 8        | 20    | 0                | 0        | 0     |

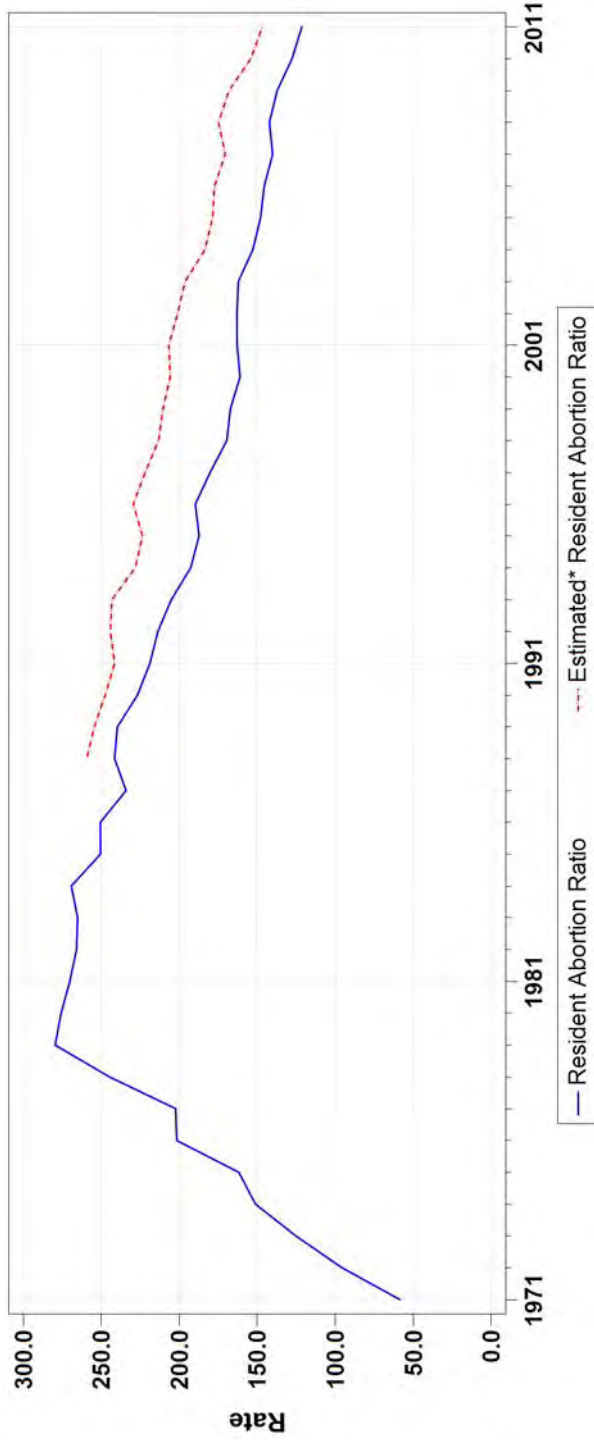
|            | <u>Total Pregnancies</u> |          |       | <u>Abortions</u> |          |       |
|------------|--------------------------|----------|-------|------------------|----------|-------|
|            | Under 20                 | Under 18 | 18-19 | Under 20         | Under 18 | 18-19 |
| Daviss     | 16                       | 4        | 12    | 0                | 0        | 0     |
| DeKalb     | 11                       | 3        | 8     | 3                | 1        | 2     |
| Dent       | 30                       | 6        | 24    | 0                | 0        | 0     |
| Douglas    | 17                       | 2        | 15    | 1                | 0        | 1     |
| Dunklin    | 78                       | 13       | 65    | 2                | 0        | 2     |
| Franklin   | 150                      | 43       | 107   | 17               | 4        | 13    |
| Gasconade  | 15                       | 1        | 14    | 2                | 0        | 2     |
| Gentry     | 8                        | 1        | 7     | 1                | 0        | 1     |
| Greene     | 342                      | 86       | 256   | 38               | 9        | 29    |
| Grundy     | 22                       | 6        | 16    | 1                | 0        | 1     |
| Harrison   | 18                       | 3        | 15    | 1                | 0        | 1     |
| Henry      | 39                       | 12       | 27    | 3                | 1        | 2     |
| Hickory    | 11                       | 3        | 8     | 0                | 0        | 0     |
| Holt       | 5                        | 1        | 4     | 0                | 0        | 0     |
| Howard     | 12                       | 3        | 9     | 3                | 1        | 2     |
| Howell     | 82                       | 23       | 59    | 0                | 0        | 0     |
| Iron       | 19                       | 4        | 15    | 1                | 1        | 0     |
| Jackson    | 1,155                    | 343      | 812   | 243              | 88       | 155   |
| Jasper     | 222                      | 64       | 158   | 6                | 4        | 2     |
| Jefferson  | 239                      | 64       | 175   | 35               | 15       | 20    |
| Johnson    | 52                       | 6        | 46    | 11               | 1        | 10    |
| Knox       | 4                        | 2        | 2     | 0                | 0        | 0     |
| Laclede    | 82                       | 27       | 55    | 5                | 3        | 2     |
| Lafayette  | 45                       | 10       | 35    | 8                | 3        | 5     |
| Lawrence   | 59                       | 18       | 41    | 1                | 1        | 0     |
| Lewis      | 12                       | 5        | 7     | 0                | 0        | 0     |
| Lincoln    | 63                       | 11       | 52    | 10               | 1        | 9     |
| Linn       | 20                       | 8        | 12    | 3                | 2        | 1     |
| Livingston | 22                       | 4        | 18    | 3                | 2        | 1     |
| McDonald   | 32                       | 10       | 22    | 0                | 0        | 0     |
| Macon      | 18                       | 5        | 13    | 1                | 0        | 1     |

**Table 11. Resident Teen-Age Pregnancies And Abortions By Selected Counties By Selected Ages By County of Residence: Missouri, 2011**

|             | <u>Total Pregnancies</u> |          |       | <u>Abortions</u> |          |       |
|-------------|--------------------------|----------|-------|------------------|----------|-------|
|             | Under 20                 | Under 18 | 18-19 | Under 20         | Under 18 | 18-19 |
| Madison     | 21                       | 8        | 13    | 2                | 1        | 1     |
| Maries      | 7                        | 2        | 5     | 0                | 0        | 0     |
| Marion      | 35                       | 6        | 29    | 4                | 2        | 2     |
| Mercer      | 2                        | 0        | 2     | 0                | 0        | 0     |
| Miller      | 33                       | 10       | 23    | 2                | 0        | 2     |
| Mississippi | 34                       | 13       | 21    | 0                | 0        | 0     |
| Moniteau    | 14                       | 5        | 9     | 0                | 0        | 0     |
| Monroe      | 13                       | 1        | 12    | 0                | 0        | 0     |
| Montgomery  | 19                       | 4        | 15    | 0                | 0        | 0     |
| Morgan      | 36                       | 10       | 26    | 5                | 1        | 4     |
| New Madrid  | 35                       | 8        | 27    | 2                | 0        | 2     |
| Newton      | 97                       | 28       | 69    | 4                | 1        | 3     |
| Nodaway     | 17                       | 4        | 13    | 1                | 0        | 1     |
| Oregon      | 21                       | 4        | 17    | 0                | 0        | 0     |
| Osage       | 5                        | 0        | 5     | 1                | 0        | 1     |
| Ozark       | 11                       | 2        | 9     | 2                | 0        | 2     |
| Pemiscot    | 52                       | 19       | 33    | 2                | 1        | 1     |
| Perry       | 17                       | 4        | 13    | 1                | 0        | 1     |
| Pettis      | 73                       | 23       | 50    | 5                | 2        | 3     |
| Phelps      | 46                       | 9        | 37    | 3                | 1        | 2     |
| Pike        | 24                       | 7        | 17    | 2                | 0        | 2     |
| Platte      | 54                       | 9        | 45    | 6                | 2        | 4     |
| Polk        | 38                       | 8        | 30    | 2                | 0        | 2     |
| Pulaski     | 58                       | 15       | 43    | 10               | 4        | 6     |
| Putnam      | 4                        | 0        | 4     | 0                | 0        | 0     |
| Ralls       | 13                       | 3        | 10    | 1                | 0        | 1     |
| Randolph    | 49                       | 15       | 34    | 6                | 2        | 4     |
| Ray         | 25                       | 7        | 18    | 5                | 2        | 3     |
| Reynolds    | 6                        | 3        | 3     | 0                | 0        | 0     |
| Ripley      | 32                       | 9        | 23    | 0                | 0        | 0     |
| St. Charles | 258                      | 70       | 188   | 70               | 25       | 45    |

|                  | <u>Total Pregnancies</u> |          |       | <u>Abortions</u> |          |       |
|------------------|--------------------------|----------|-------|------------------|----------|-------|
|                  | Under 20                 | Under 18 | 18-19 | Under 20         | Under 18 | 18-19 |
| St. Clair        | 11                       | 6        | 5     | 0                | 0        | 0     |
| St. Francois     | 117                      | 34       | 83    | 5                | 4        | 1     |
| Ste. Genevieve   | 16                       | 4        | 12    | 2                | 0        | 2     |
| St. Louis City   | 763                      | 277      | 486   | 160              | 59       | 101   |
| St. Louis County | 1,127                    | 324      | 803   | 319              | 103      | 216   |
| Saline           | 43                       | 6        | 37    | 4                | 1        | 3     |
| Schuyler         | 7                        | 1        | 6     | 0                | 0        | 0     |
| Scotland         | 5                        | 0        | 5     | 0                | 0        | 0     |
| Scott            | 85                       | 22       | 63    | 3                | 0        | 3     |
| Shannon          | 9                        | 1        | 8     | 0                | 0        | 0     |
| Shelby           | 4                        | 1        | 3     | 0                | 0        | 0     |
| Stoddard         | 50                       | 14       | 36    | 0                | 0        | 0     |
| Stone            | 35                       | 7        | 28    | 3                | 1        | 2     |
| Sullivan         | 18                       | 11       | 7     | 2                | 2        | 0     |
| Taney            | 83                       | 25       | 58    | 2                | 1        | 1     |
| Texas            | 55                       | 17       | 38    | 3                | 1        | 2     |
| Vernon           | 41                       | 11       | 30    | 3                | 1        | 2     |
| Warren           | 41                       | 16       | 25    | 4                | 0        | 4     |
| Washington       | 43                       | 13       | 30    | 2                | 2        | 0     |
| Wayne            | 19                       | 7        | 12    | 1                | 0        | 1     |
| Webster          | 45                       | 15       | 30    | 1                | 1        | 0     |
| Worth            | 2                        | 0        | 2     | 0                | 0        | 0     |
| Wright           | 32                       | 4        | 28    | 1                | 0        | 1     |

**Graph D. Resident Abortion Ratios per 1,000 Live Births: Missouri, 1971-2011**



| Year | Recorded Resident | Resident Ratio | Estimated* Resident | Estimated* Resident Ratio | Year | Recorded Resident | Resident Ratio | Estimated* Resident | Estimated* Resident Ratio |
|------|-------------------|----------------|---------------------|---------------------------|------|-------------------|----------------|---------------------|---------------------------|
| 1971 | ---               | 4,582          | ---                 | ---                       | 2005 | 7,977             | 11,619         | 14,025              | 178.6                     |
| 1975 | 10,245            | 11,077         | 161.8               | ---                       | 2006 | 7,556             | 11,833         | 14,435              | 177.4                     |
| 1980 | 19,043            | 21,671         | 275.8               | ---                       | 2007 | 7,324             | 11,470         | 13,963              | 170.5                     |
| 1985 | 19,482            | 19,210         | 250.5               | ---                       | 2008 | 7,413             | 11,508         | 14,151              | 174.8                     |
| 1990 | 16,366            | 17,947         | 226.8               | 19,582                    | 2009 | 6,881             | 10,815         | 13,252              | 168.1                     |
| 1995 | 11,203            | 13,635         | 187.3               | 16,281                    | 2010 | 6,163             | 9,796          | 11,823              | 154.1                     |
| 2000 | 7,884             | 12,292         | 161.0               | 15,710                    | 2011 | 5,772             | 9,234          | 11,161              | 146.7                     |

Source: 1971-1974 Centers for Disease Control; 1975-2011 Missouri Department of Health & Senior Services, Bureau of Vital Statistics.

Graph D Abortion Definitions:

Recorded: Abortions performed in a facility located in Missouri.

Resident: Abortions to Missouri residents regardless of where the abortions occurred as indicated on the individual record level data reports.

\*Estimated Resident: Resident Abortions as defined above plus estimated Missouri resident counts from Illinois for 1988-2011 and Tennessee in 1997-2005. See Appendix under Vital Records for more information.

**Table 12A. Resident Abortions By Race, Age, and Type of Procedure By Weeks of Gestation: Missouri, 2011**

|                           | Total | Weeks of Gestation |       |       |       |       |       |    |             |         |  | 21 and Over | Unknown |
|---------------------------|-------|--------------------|-------|-------|-------|-------|-------|----|-------------|---------|--|-------------|---------|
|                           |       | Under 9            | 9-10  | 11-12 | 13-14 | 15-16 | 17-19 | 20 | 21 and Over | Unknown |  |             |         |
| <b>State Total</b>        | 9,234 | 5,619              | 1,515 | 972   | 422   | 242   | 315   | 76 | 71          | 2       |  |             |         |
| <b>Patient's Race</b>     |       |                    |       |       |       |       |       |    |             |         |  |             |         |
| White, Non-Hispanic       | 4,945 | 3,284              | 711   | 433   | 200   | 98    | 153   | 36 | 30          | 0       |  |             |         |
| Black, Non-Hispanic       | 3,331 | 1,730              | 654   | 442   | 185   | 115   | 143   | 33 | 29          | 0       |  |             |         |
| Other, Non-Hispanic       | 590   | 395                | 79    | 55    | 20    | 13    | 15    | 3  | 10          | 0       |  |             |         |
| Unknown, Non-Hispanic     | 7     | 1                  | 2     | 1     | 0     | 0     | 0     | 1  | 0           | 2       |  |             |         |
| Hispanic, Any Race        | 361   | 209                | 69    | 41    | 17    | 16    | 4     | 3  | 2           | 0       |  |             |         |
| <b>Patient's Age</b>      |       |                    |       |       |       |       |       |    |             |         |  |             |         |
| Under 15                  | 44    | 21                 | 6     | 5     | 5     | 3     | 3     | 1  | 0           | 0       |  |             |         |
| 15                        | 72    | 40                 | 11    | 12    | 2     | 2     | 4     | 0  | 1           | 0       |  |             |         |
| 16                        | 116   | 45                 | 26    | 20    | 8     | 8     | 7     | 1  | 1           | 0       |  |             |         |
| 17                        | 195   | 90                 | 41    | 25    | 12    | 7     | 12    | 5  | 3           | 0       |  |             |         |
| 18                        | 373   | 190                | 76    | 48    | 29    | 15    | 12    | 1  | 2           | 0       |  |             |         |
| 19                        | 485   | 244                | 109   | 62    | 26    | 13    | 21    | 3  | 6           | 1       |  |             |         |
| 20-24                     | 3,211 | 1,927              | 528   | 370   | 138   | 88    | 118   | 25 | 17          | 0       |  |             |         |
| 25-29                     | 2,280 | 1,441              | 363   | 219   | 100   | 57    | 67    | 21 | 12          | 0       |  |             |         |
| 30-34                     | 1,402 | 905                | 201   | 127   | 60    | 31    | 49    | 12 | 16          | 1       |  |             |         |
| 35-39                     | 764   | 524                | 111   | 61    | 27    | 10    | 13    | 7  | 11          | 0       |  |             |         |
| 40 and Over               | 291   | 192                | 43    | 23    | 15    | 7     | 9     | 0  | 2           | 0       |  |             |         |
| Unknown                   | 1     | 0                  | 0     | 0     | 0     | 1     | 0     | 0  | 0           | 0       |  |             |         |
| <b>Type of Procedure</b>  |       |                    |       |       |       |       |       |    |             |         |  |             |         |
| Curettage                 | 6,113 | 3,274              | 1,398 | 939   | 276   | 143   | 82    | 0  | 0           | 1       |  |             |         |
| Intrauterine Instillation | 0     | 0                  | 0     | 0     | 0     | 0     | 0     | 0  | 0           | 0       |  |             |         |
| Hysterotomy/Hysterectomy  | 1     | 0                  | 1     | 0     | 0     | 0     | 0     | 0  | 0           | 0       |  |             |         |
| Laminaria D & E           | 576   | 1                  | 1     | 1     | 125   | 93    | 224   | 71 | 60          | 0       |  |             |         |
| Medical/Nonsurgical       | 2,163 | 2,107              | 49    | 1     | 0     | 1     | 0     | 1  | 3           | 1       |  |             |         |
| Unknown                   | 375   | 237                | 66    | 31    | 19    | 5     | 7     | 2  | 8           | 0       |  |             |         |
| Other                     | 6     | 0                  | 0     | 0     | 2     | 0     | 2     | 2  | 0           | 0       |  |             |         |

**Table 12B. Recorded Abortions By Race, Age, and Type of Procedure By Weeks of Gestation: Missouri, 2011**

|                           | Total | Weeks of Gestation |      |       |       |       |       |    |    |   |  | 21 and Over | Unknown |
|---------------------------|-------|--------------------|------|-------|-------|-------|-------|----|----|---|--|-------------|---------|
|                           |       | Under 9            | 9-10 | 11-12 | 13-14 | 15-16 | 17-19 | 20 |    |   |  |             |         |
| <b>State Total</b>        | 5,772 | 3,379              | 989  | 617   | 259   | 156   | 240   | 66 | 66 | 0 |  |             |         |
| <b>Patient's Race</b>     |       |                    |      |       |       |       |       |    |    |   |  |             |         |
| White, Non-Hispanic       | 2,937 | 1,912              | 431  | 243   | 121   | 68    | 106   | 28 | 28 | 0 |  |             |         |
| Black, Non-Hispanic       | 2,360 | 1,164              | 486  | 330   | 120   | 77    | 124   | 32 | 27 | 0 |  |             |         |
| Other, Non-Hispanic       | 315   | 211                | 41   | 28    | 11    | 5     | 8     | 2  | 9  | 0 |  |             |         |
| Unknown, Non-Hispanic     | 3     | 1                  | 1    | 0     | 0     | 0     | 0     | 1  | 0  | 0 |  |             |         |
| Hispanic, Any Race        | 157   | 91                 | 30   | 16    | 7     | 6     | 2     | 3  | 2  | 0 |  |             |         |
| <b>Patient's Age</b>      |       |                    |      |       |       |       |       |    |    |   |  |             |         |
| Under 15                  | 31    | 14                 | 4    | 3     | 5     | 1     | 3     | 1  | 0  | 0 |  |             |         |
| 15                        | 51    | 26                 | 6    | 10    | 2     | 2     | 4     | 0  | 1  | 0 |  |             |         |
| 16                        | 72    | 32                 | 16   | 12    | 3     | 4     | 3     | 1  | 1  | 0 |  |             |         |
| 17                        | 129   | 57                 | 27   | 16    | 8     | 4     | 11    | 5  | 1  | 0 |  |             |         |
| 18                        | 256   | 126                | 58   | 32    | 16    | 13    | 9     | 0  | 2  | 0 |  |             |         |
| 19                        | 322   | 155                | 74   | 40    | 17    | 11    | 17    | 3  | 5  | 0 |  |             |         |
| 20-24                     | 2,097 | 1,202              | 362  | 248   | 87    | 59    | 95    | 27 | 17 | 0 |  |             |         |
| 25-29                     | 1,344 | 834                | 217  | 129   | 55    | 33    | 47    | 15 | 14 | 0 |  |             |         |
| 30-34                     | 840   | 512                | 123  | 85    | 42    | 20    | 35    | 9  | 14 | 0 |  |             |         |
| 35-39                     | 454   | 307                | 75   | 28    | 15    | 5     | 11    | 5  | 8  | 0 |  |             |         |
| 40 and Over               | 175   | 114                | 27   | 14    | 9     | 3     | 5     | 0  | 3  | 0 |  |             |         |
| Unknown                   | 1     | 0                  | 0    | 0     | 0     | 1     | 0     | 0  | 0  | 0 |  |             |         |
| <b>Type of Procedure</b>  |       |                    |      |       |       |       |       |    |    |   |  |             |         |
| Curettage                 | 3,686 | 1,792              | 865  | 579   | 224   | 136   | 90    | 0  | 0  | 0 |  |             |         |
| Intrauterine Instillation | 0     | 0                  | 0    | 0     | 0     | 0     | 0     | 0  | 0  | 0 |  |             |         |
| Hysterotomy/Hysterectomy  | 1     | 0                  | 1    | 0     | 0     | 0     | 0     | 0  | 0  | 0 |  |             |         |
| Laminaria D & E           | 282   | 0                  | 0    | 1     | 12    | 12    | 141   | 63 | 53 | 0 |  |             |         |
| Medical/Nonsurgical       | 1,387 | 1,330              | 49   | 1     | 0     | 2     | 0     | 1  | 4  | 0 |  |             |         |
| Unknown                   | 413   | 257                | 74   | 36    | 21    | 6     | 8     | 2  | 9  | 0 |  |             |         |
| Other                     | 3     | 0                  | 0    | 0     | 2     | 0     | 1     | 0  | 0  | 0 |  |             |         |

**Table 13. Resident Abortions By Age, Marital Status, and Education By Race and Hispanic Origin: Missouri, 2011**

|                           | Total | Patient's Race      |                     |                     |                       |                    |
|---------------------------|-------|---------------------|---------------------|---------------------|-----------------------|--------------------|
|                           |       | White, Non-Hispanic | Black, Non-Hispanic | Other, Non-Hispanic | Unknown, Non-Hispanic | Hispanic, Any Race |
| <b>State Total</b>        | 9,234 | 4,945               | 3,331               | 590                 | 7                     | 361                |
| <b>Patient's Age</b>      |       |                     |                     |                     |                       |                    |
| Under 15                  | 44    | 20                  | 20                  | 0                   | 0                     | 4                  |
| 15                        | 72    | 33                  | 33                  | 4                   | 0                     | 2                  |
| 16                        | 116   | 61                  | 45                  | 5                   | 0                     | 5                  |
| 17                        | 195   | 86                  | 96                  | 7                   | 0                     | 6                  |
| 18                        | 373   | 207                 | 136                 | 16                  | 0                     | 14                 |
| 19                        | 485   | 266                 | 160                 | 39                  | 1                     | 19                 |
| 20-24                     | 3,211 | 1,688               | 1,201               | 201                 | 1                     | 120                |
| 25-29                     | 2,280 | 1,249               | 824                 | 115                 | 1                     | 91                 |
| 30-34                     | 1,402 | 728                 | 514                 | 99                  | 2                     | 59                 |
| 35-39                     | 764   | 440                 | 222                 | 72                  | 1                     | 29                 |
| 40 and Over               | 291   | 167                 | 80                  | 31                  | 1                     | 12                 |
| Unknown                   | 1     | 0                   | 0                   | 1                   | 0                     | 0                  |
| <b>Marital Status</b>     |       |                     |                     |                     |                       |                    |
| Never Married             | 3,217 | 1,428               | 1,583               | 135                 | 0                     | 71                 |
| Currently Married         | 1,339 | 840                 | 253                 | 179                 | 2                     | 65                 |
| Formerly Married          | 386   | 283                 | 78                  | 13                  | 0                     | 12                 |
| Unmarried, Unspecified    | 4,241 | 2,371               | 1,401               | 259                 | 1                     | 209                |
| Unknown                   | 51    | 23                  | 16                  | 4                   | 4                     | 4                  |
| <b>Years of Education</b> |       |                     |                     |                     |                       |                    |
| 0-8                       | 157   | 75                  | 38                  | 13                  | 0                     | 31                 |
| 9-11                      | 1,283 | 637                 | 513                 | 73                  | 0                     | 60                 |
| 12                        | 3,572 | 1,676               | 1,565               | 205                 | 1                     | 125                |
| 13-15                     | 2,722 | 1,588               | 857                 | 164                 | 1                     | 112                |
| 16 or More                | 1,389 | 915                 | 318                 | 133                 | 0                     | 23                 |
| Unknown                   | 111   | 54                  | 40                  | 2                   | 5                     | 10                 |

\*: Includes Deaths from Persons of Multiple Races

**Table 14. Resident Abortions and Ratios per 1,000 Live Births By County and BRFSS Region of Residence: Missouri, 2011**

| Counties       | Number | Ratio |
|----------------|--------|-------|
| State Total    | 9,234  | 121.4 |
| Adair          | 11     | 41.4  |
| Andrew         | 17     | 94.4  |
| Atchison       | 2      | 36.4  |
| Audrain        | 19     | 52.8  |
| Barry          | 6      | 14.1  |
| Barton         | 4      | 28.0  |
| Bates          | 15     | 75.8  |
| Benton         | 9      | 53.9  |
| Bollinger      | 4      | 27.4  |
| Boone          | 324    | 153.4 |
| Buchanan       | 118    | 97.1  |
| Butler         | 21     | 36.9  |
| Caldwell       | 10     | 111.1 |
| Callaway       | 41     | 82.0  |
| Camden         | 37     | 89.6  |
| Cape Girardeau | 49     | 54.6  |
| Carroll        | 5      | 42.0  |
| Carter         | 1      | 15.6  |
| Cass           | 182    | 152.0 |
| Cedar          | 2      | 13.5  |
| Chariton       | 3      | 37.5  |
| Christian      | 62     | 62.2  |
| Clark          | 3      | 44.1  |
| Clay           | 526    | 175.0 |
| Clinton        | 18     | 72.3  |
| Cole           | 90     | 99.8  |
| Cooper         | 14     | 69.3  |
| Crawford       | 12     | 45.3  |
| Dade           | 6      | 82.2  |
| Dallas         | 7      | 34.0  |
| Daviss         | 3      | 27.3  |
| DeKalb         | 3      | 25.9  |

| Counties   | Number | Ratio |
|------------|--------|-------|
| Dent       | 4      | 23.1  |
| Douglas    | 6      | 35.9  |
| Dunklin    | 17     | 35.4  |
| Franklin   | 95     | 74.6  |
| Gasconade  | 9      | 58.8  |
| Gentry     | 2      | 28.2  |
| Greene     | 296    | 83.3  |
| Grundy     | 8      | 67.8  |
| Harrison   | 4      | 34.5  |
| Henry      | 24     | 87.9  |
| Hickory    | 5      | 61.7  |
| Holt       | 2      | 40.8  |
| Howard     | 14     | 113.8 |
| Howell     | 12     | 22.0  |
| Iron       | 6      | 50.8  |
| Jackson    | 2,074  | 216.4 |
| Jasper     | 47     | 27.8  |
| Jefferson  | 249    | 93.5  |
| Johnson    | 73     | 102.5 |
| Knox       | 2      | 37.7  |
| Laclede    | 21     | 42.9  |
| Lafayette  | 35     | 92.6  |
| Lawrence   | 4      | 8.2   |
| Lewis      | 0      | 0.0   |
| Lincoln    | 51     | 70.3  |
| Linn       | 8      | 56.7  |
| Livingston | 9      | 63.4  |
| Macon      | 7      | 38.0  |
| Madison    | 6      | 43.8  |
| Maries     | 2      | 25.0  |
| Marion     | 13     | 33.9  |
| McDonald   | 3      | 10.1  |
| Mercer     | 0      | 0.0   |

| Counties    | Number | Ratio |
|-------------|--------|-------|
| Miller      | 16     | 58.6  |
| Mississippi | 4      | 20.6  |
| Moniteau    | 7      | 35.0  |
| Monroe      | 4      | 41.7  |
| Montgomery  | 4      | 24.0  |
| Morgan      | 15     | 59.1  |
| New Madrid  | 10     | 47.8  |
| Newton      | 14     | 18.6  |
| Nodaway     | 13     | 63.1  |
| Oregon      | 1      | 7.6   |
| Osage       | 3      | 20.8  |
| Ozark       | 5      | 61.0  |
| Pemiscot    | 21     | 72.9  |
| Perry       | 6      | 28.4  |
| Pettis      | 27     | 45.1  |
| Phelps      | 22     | 38.4  |
| Pike        | 13     | 59.4  |
| Platte      | 62     | 53.5  |
| Polk        | 14     | 33.0  |
| Pulaski     | 71     | 85.1  |
| Putnam      | 0      | 0.0   |
| Ralls       | 1      | 9.7   |
| Randolph    | 28     | 104.9 |
| Ray         | 29     | 122.9 |
| Reynolds    | 6      | 95.2  |
| Ripley      | 3      | 17.2  |
| Saline      | 24     | 78.9  |
| Schuyler    | 0      | 0.0   |
| Scotland    | 1      | 12.5  |
| Scott       | 13     | 24.6  |
| Shannon     | 1      | 12.5  |
| Shelby      | 2      | 25.0  |
| St. Charles | 521    | 114.8 |

| Counties         | Number | Ratio |
|------------------|--------|-------|
| St. Clair        | 3      | 34.9  |
| St. Francois     | 37     | 48.6  |
| St. Louis City   | 1,193  | 240.7 |
| St. Louis County | 2,125  | 178.1 |
| Ste. Genevieve   | 11     | 62.9  |
| Stoddard         | 13     | 36.0  |
| Stone            | 9      | 36.6  |
| Sullivan         | 5      | 56.8  |
| Taney            | 26     | 40.7  |
| Texas            | 8      | 26.2  |
| Vernon           | 17     | 67.2  |
| Warren           | 35     | 90.0  |
| Washington       | 16     | 51.6  |
| Wayne            | 4      | 29.2  |
| Webster          | 13     | 28.1  |
| Worth            | 0      | 0.0   |
| Wright           | 7      | 29.2  |

| BRFSS Regions      | Number | Ratio |
|--------------------|--------|-------|
| Northeast          | 142    | 48.5  |
| Northwest          | 242    | 81.5  |
| Central            | 752    | 85.3  |
| Southeast          | 272    | 38.5  |
| Southwest          | 571    | 50.1  |
| St. Louis Region   | 4,285  | 159.9 |
| Kansas City Region | 2,951  | 183.4 |
| Metro              | 8,359  | 144.9 |
| Non-Metro          | 856    | 46.6  |



**Table 15. Resident Abortions By Marital Status, Number of Living Children, and Number of Previous Abortions  
By Age of Patient: Missouri, 2011**

|                                     | Total | Patient's Age |       |       |       |       |       |       |       |             |         |
|-------------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------------|---------|
|                                     |       | Under 15      | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and Over | Unknown |
| <b>State Total</b>                  | 9,234 | 44            | 383   | 858   | 3,211 | 2,280 | 1,402 | 764   | 274   | 17          | 1       |
| <b>Marital Status</b>               |       |               |       |       |       |       |       |       |       |             |         |
| Never Married                       | 3,217 | 24            | 187   | 412   | 1,347 | 745   | 344   | 128   | 30    | 0           | 0       |
| Currently Married                   | 1,339 | 0             | 1     | 17    | 226   | 355   | 362   | 272   | 97    | 9           | 0       |
| Formerly Married                    | 386   | 0             | 0     | 0     | 38    | 84    | 118   | 92    | 50    | 3           | 1       |
| Unmarried, Unspecified              | 4,241 | 20            | 192   | 424   | 1,582 | 1,085 | 571   | 267   | 95    | 5           | 0       |
| Unknown                             | 51    | 0             | 3     | 5     | 18    | 11    | 7     | 5     | 2     | 0           | 0       |
| <b>Number of Living Children</b>    |       |               |       |       |       |       |       |       |       |             |         |
| 0                                   | 3,684 | 44            | 362   | 689   | 1,578 | 651   | 251   | 82    | 24    | 2           | 1       |
| 1                                   | 2,541 | 0             | 21    | 148   | 1,094 | 704   | 357   | 153   | 62    | 2           | 0       |
| 2                                   | 1,804 | 0             | 0     | 19    | 437   | 523   | 434   | 295   | 89    | 7           | 0       |
| 3                                   | 764   | 0             | 0     | 2     | 85    | 263   | 220   | 131   | 58    | 5           | 0       |
| 4                                   | 293   | 0             | 0     | 0     | 13    | 93    | 93    | 70    | 24    | 0           | 0       |
| 5                                   | 86    | 0             | 0     | 0     | 4     | 31    | 24    | 19    | 8     | 0           | 0       |
| 6+                                  | 62    | 0             | 0     | 0     | 0     | 15    | 23    | 14    | 9     | 1           | 0       |
| <b>Number of Previous Abortions</b> |       |               |       |       |       |       |       |       |       |             |         |
| 0                                   | 5,442 | 42            | 368   | 736   | 2,107 | 1,142 | 593   | 325   | 118   | 10          | 1       |
| 1                                   | 2,237 | 2             | 15    | 99    | 772   | 622   | 435   | 229   | 61    | 2           | 0       |
| 2                                   | 989   | 0             | 0     | 18    | 243   | 318   | 220   | 126   | 61    | 3           | 0       |
| 3                                   | 320   | 0             | 0     | 5     | 52    | 119   | 84    | 40    | 18    | 2           | 0       |
| 4                                   | 144   | 0             | 0     | 0     | 23    | 51    | 37    | 25    | 8     | 0           | 0       |
| 5                                   | 51    | 0             | 0     | 0     | 8     | 16    | 10    | 10    | 7     | 0           | 0       |
| 6+                                  | 48    | 0             | 0     | 0     | 6     | 12    | 21    | 8     | 1     | 0           | 0       |
| Unknown                             | 3     | 0             | 0     | 0     | 0     | 0     | 2     | 1     | 0     | 0           | 0       |

**Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates By Counties: Missouri, 2011**

| Counties       | Population | Resident Live Births | Resident Deaths | Natural Increase | Recorded Live Births | Recorded Deaths | Resident Birth Rate | Resident Death Rate | Natural Inc. Rate |
|----------------|------------|----------------------|-----------------|------------------|----------------------|-----------------|---------------------|---------------------|-------------------|
| State Total    | 6,010,688  | 76,069               | 55,599          | 20,470           | 77,135               | 57,794          | 12.7                | 9.3                 | 3.4               |
| Adair          | 25,552     | 266                  | 209             | 57               | 500                  | 231             | 10.4                | 8.2                 | 2.2               |
| Andrew         | 17,196     | 180                  | 159             | 21               | 1                    | 120             | 10.5                | 9.2                 | 1.2               |
| Atchison       | 5,569      | 55                   | 88              | -33              | 40                   | 72              | 9.9                 | 15.8                | -5.9              |
| Audrain        | 25,566     | 360                  | 268             | 92               | 231                  | 280             | 14.1                | 10.5                | 3.6               |
| Barry          | 35,282     | 426                  | 389             | 37               | 295                  | 300             | 12.1                | 11.0                | 1.0               |
| Barton         | 12,327     | 143                  | 127             | 16               | 5                    | 110             | 11.6                | 10.3                | 1.3               |
| Bates          | 17,008     | 198                  | 214             | -16              | 4                    | 156             | 11.6                | 12.6                | -0.9              |
| Benton         | 19,115     | 167                  | 253             | -86              | 2                    | 153             | 8.7                 | 13.2                | -4.5              |
| Bollinger      | 12,356     | 146                  | 120             | 26               | 3                    | 75              | 11.8                | 9.7                 | 2.1               |
| Boone          | 165,627    | 2,112                | 980             | 1,132            | 3,944                | 1,742           | 12.8                | 5.9                 | 6.8               |
| Buchanan       | 89,666     | 1,215                | 982             | 233              | 1,719                | 1,127           | 13.6                | 11.0                | 2.6               |
| Butler         | 43,082     | 569                  | 560             | 9                | 1,340                | 708             | 13.2                | 13.0                | 0.2               |
| Caldwell       | 9,315      | 90                   | 92              | -2               | 1                    | 66              | 9.7                 | 9.9                 | -0.2              |
| Callaway       | 44,420     | 500                  | 365             | 135              | 91                   | 216             | 11.3                | 8.2                 | 3.0               |
| Camden         | 43,679     | 413                  | 441             | -28              | 719                  | 468             | 9.5                 | 10.1                | -0.6              |
| Cape Girardeau | 76,632     | 897                  | 750             | 147              | 1,860                | 1,293           | 11.7                | 9.8                 | 1.9               |
| Carroll        | 9,260      | 119                  | 116             | 3                | 1                    | 80              | 12.9                | 12.5                | 0.3               |
| Carter         | 6,365      | 64                   | 92              | -28              | 0                    | 52              | 10.1                | 14.5                | -4.4              |
| Cass           | 100,052    | 1,197                | 817             | 380              | 15                   | 579             | 12.0                | 8.2                 | 3.8               |
| Cedar          | 13,948     | 148                  | 167             | -19              | 77                   | 124             | 10.6                | 12.0                | -1.4              |
| Chariton       | 7,734      | 80                   | 90              | -10              | 3                    | 65              | 10.3                | 11.6                | -1.3              |
| Christian      | 78,570     | 996                  | 504             | 492              | 11                   | 325             | 12.7                | 6.4                 | 6.3               |
| Clark          | 7,019      | 68                   | 81              | -13              | 2                    | 61              | 9.7                 | 11.5                | -1.9              |
| Clay           | 225,161    | 3,005                | 1,535           | 1,470            | 2,524                | 2,001           | 13.3                | 6.8                 | 6.5               |
| Clinton        | 20,789     | 249                  | 254             | -5               | 147                  | 313             | 12.0                | 12.2                | -0.2              |
| Cole           | 76,448     | 902                  | 593             | 309              | 1,366                | 785             | 11.8                | 7.8                 | 4.0               |
| Cooper         | 17,663     | 202                  | 209             | -7               | 0                    | 173             | 11.4                | 11.8                | -0.4              |
| Crawford       | 24,800     | 265                  | 298             | -33              | 284                  | 260             | 10.7                | 12.0                | -1.3              |
| Dade           | 7,807      | 73                   | 107             | -34              | 0                    | 75              | 9.4                 | 13.7                | -4.4              |
| Dallas         | 16,749     | 206                  | 149             | 57               | 11                   | 104             | 12.3                | 8.9                 | 3.4               |
| Daviness       | 8,313      | 110                  | 84              | 26               | 24                   | 45              | 13.2                | 10.1                | 3.1               |
| DeKalb         | 12,767     | 116                  | 117             | -1               | 2                    | 66              | 9.1                 | 9.2                 | -0.1              |
| Dent           | 15,676     | 173                  | 185             | -12              | 7                    | 135             | 11.0                | 11.8                | -0.8              |
| Douglas        | 13,548     | 167                  | 163             | 4                | 4                    | 111             | 12.3                | 12.0                | 0.3               |
| Dunklin        | 31,974     | 480                  | 433             | 47               | 485                  | 352             | 15.0                | 13.5                | 1.5               |
| Franklin       | 101,938    | 1,274                | 1,000           | 274              | 855                  | 845             | 12.5                | 9.8                 | 2.7               |
| Gasconade      | 15,168     | 153                  | 218             | -65              | 2                    | 176             | 10.1                | 14.4                | -4.3              |
| Gentry         | 6,786      | 71                   | 74              | -3               | 16                   | 66              | 10.5                | 10.9                | -0.4              |

**Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates By Counties: Missouri, 2011**

| Counties    | Population | Resident Live Births | Resident Deaths | Natural Increase | Recorded Live Births | Recorded Deaths | Resident Birth Rate | Resident Death Rate | Natural Inc. Rate |
|-------------|------------|----------------------|-----------------|------------------|----------------------|-----------------|---------------------|---------------------|-------------------|
| Greene      | 277,214    | 3,553                | 2,533           | 1,020            | 6,371                | 3,741           | 12.8                | 9.1                 | 3.7               |
| Grundy      | 10,228     | 118                  | 126             | -8               | 172                  | 100             | 11.5                | 12.3                | -0.8              |
| Harrison    | 8,866      | 116                  | 118             | -2               | 3                    | 84              | 13.1                | 13.3                | -0.2              |
| Henry       | 22,219     | 273                  | 312             | -39              | 366                  | 281             | 12.3                | 14.0                | -1.8              |
| Hickory     | 9,628      | 81                   | 163             | -82              | 6                    | 99              | 8.4                 | 16.9                | -8.5              |
| Holt        | 4,814      | 49                   | 61              | -12              | 2                    | 43              | 10.2                | 12.7                | -2.5              |
| Howard      | 10,204     | 123                  | 107             | 16               | 1                    | 67              | 12.1                | 10.5                | 1.6               |
| Howell      | 40,665     | 546                  | 508             | 38               | 666                  | 559             | 13.4                | 12.5                | 0.9               |
| Iron        | 10,656     | 118                  | 133             | -15              | 0                    | 94              | 11.1                | 12.5                | -1.4              |
| Jackson     | 676,360    | 9,583                | 5,981           | 3,602            | 11,553               | 7,195           | 14.2                | 8.8                 | 5.3               |
| Jasper      | 118,435    | 1,688                | 1,215           | 473              | 480                  | 957             | 14.3                | 10.3                | 4.0               |
| Jefferson   | 219,480    | 2,662                | 1,822           | 840              | 520                  | 1,211           | 12.1                | 8.3                 | 3.8               |
| Johnson     | 53,439     | 712                  | 404             | 308              | 791                  | 339             | 13.3                | 7.6                 | 5.8               |
| Knox        | 4,126      | 53                   | 45              | 8                | 3                    | 29              | 12.8                | 10.9                | 1.9               |
| Laclede     | 35,636     | 489                  | 361             | 128              | 410                  | 299             | 13.7                | 10.1                | 3.6               |
| Lafayette   | 33,209     | 378                  | 325             | 53               | 6                    | 227             | 11.4                | 9.8                 | 1.6               |
| Lawrence    | 38,660     | 490                  | 423             | 67               | 255                  | 366             | 12.7                | 10.9                | 1.7               |
| Lewis       | 10,155     | 109                  | 98              | 11               | 9                    | 65              | 10.7                | 9.7                 | 1.1               |
| Lincoln     | 53,076     | 725                  | 455             | 270              | 3                    | 342             | 13.7                | 8.6                 | 5.1               |
| Linn        | 12,566     | 141                  | 175             | -34              | 4                    | 115             | 11.2                | 13.9                | -2.7              |
| Livingston  | 15,074     | 142                  | 208             | -66              | 154                  | 160             | 9.4                 | 13.8                | -4.4              |
| Macon       | 15,591     | 184                  | 199             | -15              | 9                    | 168             | 11.8                | 12.8                | -1.0              |
| Madison     | 12,195     | 137                  | 162             | -25              | 3                    | 141             | 11.2                | 13.3                | -2.1              |
| Maries      | 9,171      | 80                   | 102             | -22              | 1                    | 56              | 8.7                 | 11.1                | -2.4              |
| Marion      | 28,717     | 383                  | 335             | 48               | 620                  | 369             | 13.3                | 11.7                | 1.7               |
| McDonald    | 22,977     | 296                  | 194             | 102              | 6                    | 111             | 12.9                | 8.4                 | 4.4               |
| Mercer      | 3,804      | 39                   | 47              | -8               | 1                    | 26              | 10.3                | 12.4                | -2.1              |
| Miller      | 24,770     | 273                  | 269             | 4                | 1                    | 179             | 11.0                | 10.9                | 0.2               |
| Mississippi | 14,306     | 194                  | 193             | 1                | 1                    | 120             | 13.6                | 13.5                | 0.1               |
| Moniteau    | 15,697     | 200                  | 139             | 61               | 6                    | 100             | 12.7                | 8.9                 | 3.9               |
| Monroe      | 8,734      | 96                   | 94              | 2                | 3                    | 59              | 11.0                | 10.8                | 0.2               |
| Montgomery  | 12,270     | 167                  | 172             | -5               | 0                    | 128             | 13.6                | 14.0                | -0.4              |
| Morgan      | 20,502     | 254                  | 326             | -72              | 80                   | 234             | 12.4                | 15.9                | -3.5              |
| New Madrid  | 18,783     | 209                  | 256             | -47              | 0                    | 165             | 11.1                | 13.6                | -2.5              |
| Newton      | 58,414     | 754                  | 581             | 173              | 2,644                | 1,063           | 12.9                | 9.9                 | 3.0               |
| Nodaway     | 23,468     | 206                  | 200             | 6                | 259                  | 165             | 8.8                 | 8.5                 | 0.3               |
| Oregon      | 11,017     | 132                  | 137             | -5               | 2                    | 99              | 12.0                | 12.4                | -0.5              |
| Osage       | 13,915     | 144                  | 131             | 13               | 0                    | 79              | 10.3                | 9.4                 | 0.9               |
| Ozark       | 9,595      | 82                   | 128             | -46              | 2                    | 75              | 8.5                 | 13.3                | -4.8              |

**Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates By Counties: Missouri, 2011**

| Counties         | Population | Resident Live Births | Resident Deaths | Natural Increase | Recorded Live Births | Recorded Deaths | Resident Birth Rate | Resident Death Rate | Natural Inc. Rate |
|------------------|------------|----------------------|-----------------|------------------|----------------------|-----------------|---------------------|---------------------|-------------------|
| Pemiscot         | 18,174     | 288                  | 218             | 70               | 62                   | 177             | 15.8                | 12.0                | 3.9               |
| Perry            | 19,041     | 211                  | 183             | 28               | 145                  | 157             | 11.1                | 9.6                 | 1.5               |
| Pettis           | 42,178     | 599                  | 441             | 158              | 573                  | 421             | 14.2                | 10.5                | 3.7               |
| Phelps           | 45,020     | 573                  | 420             | 153              | 864                  | 516             | 12.7                | 9.3                 | 3.4               |
| Pike             | 18,572     | 219                  | 178             | 41               | 8                    | 140             | 11.8                | 9.6                 | 2.2               |
| Platte           | 90,903     | 1,158                | 573             | 585              | 827                  | 417             | 12.7                | 6.3                 | 6.4               |
| Polk             | 31,170     | 424                  | 352             | 72               | 563                  | 344             | 13.6                | 11.3                | 2.3               |
| Pulaski          | 53,175     | 834                  | 297             | 537              | 567                  | 200             | 15.7                | 5.6                 | 10.1              |
| Putnam           | 4,978      | 49                   | 58              | -9               | 79                   | 42              | 9.8                 | 11.7                | -1.8              |
| Ralls            | 10,281     | 103                  | 85              | 18               | 0                    | 35              | 10.0                | 8.3                 | 1.8               |
| Randolph         | 25,346     | 267                  | 252             | 15               | 209                  | 221             | 10.5                | 9.9                 | 0.6               |
| Ray              | 23,230     | 236                  | 223             | 13               | 4                    | 168             | 10.2                | 9.6                 | 0.6               |
| Reynolds         | 6,588      | 63                   | 85              | -22              | 2                    | 53              | 9.6                 | 12.9                | -3.3              |
| Ripley           | 14,143     | 174                  | 195             | -21              | 1                    | 116             | 12.3                | 13.8                | -1.5              |
| Saline           | 23,280     | 304                  | 280             | 24               | 301                  | 214             | 13.1                | 12.0                | 1.0               |
| Schuyler         | 4,381      | 58                   | 40              | 18               | 6                    | 21              | 13.2                | 9.1                 | 4.1               |
| Scotland         | 4,828      | 80                   | 55              | 25               | 126                  | 65              | 16.6                | 11.4                | 5.2               |
| Scott            | 39,136     | 529                  | 421             | 108              | 497                  | 400             | 13.5                | 10.8                | 2.8               |
| Shannon          | 8,432      | 80                   | 91              | -11              | 5                    | 62              | 9.5                 | 10.8                | -1.3              |
| Shelby           | 6,280      | 80                   | 81              | -1               | 2                    | 59              | 12.7                | 12.9                | -0.2              |
| St. Charles      | 365,151    | 4,539                | 2,286           | 2,253            | 2,789                | 2,261           | 12.4                | 6.3                 | 6.2               |
| St. Clair        | 9,641      | 86                   | 138             | -52              | 2                    | 111             | 8.9                 | 14.3                | -5.4              |
| St. Francois     | 65,577     | 762                  | 719             | 43               | 885                  | 634             | 11.6                | 11.0                | 0.7               |
| St. Louis City   | 318,069    | 4,957                | 2,991           | 1,966            | 3,456                | 4,208           | 15.6                | 9.4                 | 6.2               |
| St. Louis County | 998,692    | 11,934               | 9,177           | 2,757            | 21,699               | 10,812          | 11.9                | 9.2                 | 2.8               |
| Ste. Genevieve   | 18,124     | 175                  | 196             | -21              | 113                  | 124             | 9.7                 | 10.8                | -1.2              |
| Stoddard         | 29,807     | 361                  | 409             | -48              | 3                    | 304             | 12.1                | 13.7                | -1.6              |
| Stone            | 32,263     | 246                  | 337             | -91              | 0                    | 235             | 7.6                 | 10.4                | -2.8              |
| Sullivan         | 6,659      | 88                   | 69              | 19               | 1                    | 47              | 13.2                | 10.4                | 2.9               |
| Taney            | 52,736     | 639                  | 499             | 140              | 600                  | 450             | 12.1                | 9.5                 | 2.7               |
| Texas            | 25,936     | 305                  | 254             | 51               | 285                  | 199             | 11.8                | 9.8                 | 2.0               |
| Vernon           | 20,963     | 253                  | 265             | -12              | 338                  | 216             | 12.1                | 12.6                | -0.6              |
| Warren           | 32,515     | 389                  | 243             | 146              | 3                    | 131             | 12.0                | 7.5                 | 4.5               |
| Washington       | 25,076     | 310                  | 255             | 55               | 2                    | 177             | 12.4                | 10.2                | 2.2               |
| Wayne            | 13,475     | 137                  | 186             | -49              | 0                    | 98              | 10.2                | 13.8                | -3.6              |
| Webster          | 36,439     | 463                  | 263             | 200              | 109                  | 161             | 12.7                | 7.2                 | 5.5               |
| Worth            | 2,150      | 22                   | 32              | -10              | 0                    | 23              | 10.2                | 14.9                | -4.7              |
| Wright           | 18,716     | 240                  | 229             | 11               | 5                    | 155             | 12.8                | 12.2                | 0.6               |

**Table 16B. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates By Cities with Over 25,000 Population: Missouri, 2011**

| Cities with Population 25,000+ | Population | Resident Live Births | Resident Deaths | Natural Increase | Recorded Live Births | Recorded Deaths | Resident Birth Rate | Resident Death Rate | Natural Inc. Rate |
|--------------------------------|------------|----------------------|-----------------|------------------|----------------------|-----------------|---------------------|---------------------|-------------------|
| Ballwin                        | 30,397     | 298                  | 174             | 124              | 3                    | 192             | 9.8                 | 5.7                 | 4.1               |
| Blue Springs                   | 52,749     | 638                  | 352             | 286              | 606                  | 336             | 12.1                | 6.7                 | 5.4               |
| Cape Girardeau                 | 38,402     | 446                  | 428             | 18               | 1,856                | 1,138           | 11.6                | 11.1                | 0.5               |
| Chesterfield                   | 47,471     | 369                  | 518             | -149             | 2,021                | 865             | 7.8                 | 10.9                | -3.1              |
| Columbia                       | 110,438    | 1,388                | 637             | 751              | 3,939                | 1,636           | 12.6                | 5.8                 | 6.8               |
| Florissant                     | 52,145     | 661                  | 582             | 79               | 4                    | 619             | 12.7                | 11.2                | 1.5               |
| Gladstone                      | 25,784     | 338                  | 238             | 100              | 5                    | 61              | 13.1                | 9.2                 | 3.9               |
| Hazelwood                      | 25,695     | 379                  | 178             | 201              | 0                    | 58              | 14.7                | 6.9                 | 7.8               |
| Independence                   | 117,213    | 1,600                | 1,268           | 332              | 1,415                | 1,189           | 13.7                | 10.8                | 2.8               |
| Jefferson City                 | 43,332     | 512                  | 386             | 126              | 1,366                | 762             | 11.8                | 8.9                 | 2.9               |
| Kirkwood                       | 27,534     | 353                  | 241             | 112              | 2                    | 75              | 12.8                | 8.8                 | 4.1               |
| Lee's Summit                   | 91,668     | 1,090                | 651             | 439              | 1,369                | 820             | 11.9                | 7.1                 | 4.8               |
| Liberty                        | 29,557     | 346                  | 224             | 122              | 1,090                | 447             | 11.7                | 7.6                 | 4.1               |
| Maryland Heights               | 27,466     | 383                  | 217             | 166              | 1                    | 221             | 13.9                | 7.9                 | 6.0               |
| O'Fallon                       | 80,519     | 1,138                | 477             | 661              | 532                  | 425             | 14.1                | 5.9                 | 8.2               |
| Raytown                        | 29,622     | 348                  | 374             | -26              | 2                    | 168             | 11.7                | 12.6                | -0.9              |
| St. Charles                    | 66,598     | 775                  | 577             | 198              | 684                  | 903             | 11.6                | 8.7                 | 3.0               |
| St. Joseph                     | 77,185     | 1,106                | 867             | 239              | 1,717                | 1,115           | 14.3                | 11.2                | 3.1               |
| St. Louis City                 | 318,069    | 4,957                | 2,991           | 1,966            | 3,456                | 4,208           | 15.6                | 9.4                 | 6.2               |
| St. Peters                     | 53,264     | 668                  | 336             | 332              | 497                  | 450             | 12.5                | 6.3                 | 6.2               |
| Springfield                    | 160,660    | 2,138                | 1,699           | 439              | 6,364                | 3,465           | 13.3                | 10.6                | 2.7               |
| University City                | 35,362     | 490                  | 341             | 149              | 1                    | 108             | 13.9                | 9.6                 | 4.2               |
| Wentzville                     | 29,451     | 568                  | 138             | 430              | 3                    | 128             | 19.3                | 4.7                 | 14.6              |
| Wildwood                       | 35,509     | 258                  | 117             | 141              | 1                    | 40              | 7.3                 | 3.3                 | 4.0               |

**Table 16C. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Multi-County Cities: Missouri, 2011**

| Multi-County Cities | Population | Resident Live Births | Resident Deaths | Natural Increase | Recorded Live Births | Recorded Deaths | Resident Birth Rate | Resident Death Rate | Natural Inc. Rate |
|---------------------|------------|----------------------|-----------------|------------------|----------------------|-----------------|---------------------|---------------------|-------------------|
| Joplin              | 50,559     | 699                  | 644             | 55               | 2,859                | 1,390           | 13.8                | 12.7                | 1.1               |
| ...Jasper Co. Part  | 44,333     | 627                  | 548             | 79               | 219                  | 599             | 14.1                | 12.4                | 1.8               |
| ...Newton Co. Part  | 6,226      | 72                   | 96              | -24              | 2,640                | 791             | 11.6                | 15.4                | -3.9              |
| Kansas City         | 463,202    | 7,218                | 3,638           | 3,580            | 8,868                | 5,040           | 15.6                | 7.9                 | 7.7               |
| ...Jackson Co. Part | 303,477    | 4,811                | 2,758           | 2,053            | 8,046                | 4,451           | 15.9                | 9.1                 | 6.8               |
| ...Clay Co. Part    | 115,075    | 1,782                | 623             | 1,159            | 0                    | 327             | 15.5                | 5.4                 | 10.1              |
| ...Platte Co. Part  | 44,453     | 621                  | 257             | 364              | 822                  | 262             | 14.0                | 5.8                 | 8.2               |
| ...Cass Co. Part    | 197        | 4                    | 0               | 4                | 0                    | 0               | 20.3                | 0.0                 | 20.3              |

**Table 17A. Resident Live Births and Deaths By Cities with 10,000 to 24,999 Population: Missouri, 2011**

| Cities with 10,000 to 24,999 Population | Resident Live Births | Resident Deaths |
|---|----------------------|-----------------|
| Arnold                                  | 224                  | 180             |
| Bellefontaine Neighbors                 | 129                  | 137             |
| Belton                                  | 364                  | 179             |
| Bolivar                                 | 181                  | 133             |
| Branson                                 | 136                  | 86              |
| Bridgeton                               | 136                  | 176             |
| Carthage                                | 267                  | 162             |
| Clayton                                 | 107                  | 78              |
| Crestwood                               | 146                  | 131             |
| Creve Coeur                             | 173                  | 178             |
| Dardenne Prairie                        | 85                   | 55              |
| Eureka                                  | 103                  | 63              |
| Excelsior Springs                       | 132                  | 124             |
| Farmington                              | 195                  | 224             |
| Ferguson                                | 360                  | 170             |
| Festus                                  | 154                  | 129             |
| Fulton                                  | 149                  | 132             |
| Grain Valley                            | 234                  | 55              |
| Grandview                               | 391                  | 178             |
| Hannibal                                | 254                  | 218             |
| Harrisonville                           | 127                  | 126             |
| Jackson                                 | 202                  | 141             |
| Jennings                                | 224                  | 129             |
| Kennett                                 | 175                  | 158             |
| Kirksville                              | 190                  | 143             |
| Lake St. Louis                          | 149                  | 90              |
| Lebanon                                 | 250                  | 169             |
| Manchester                              | 209                  | 91              |
| Marshall                                | 186                  | 152             |
| Maryville                               | 100                  | 91              |
| Mexico                                  | 176                  | 164             |
| Moberly                                 | 154                  | 171             |
| Neosho                                  | 205                  | 116             |
| Nixa                                    | 265                  | 115             |
| Overland                                | 235                  | 142             |
| Ozark                                   | 318                  | 146             |

| Cities with 10,000 to 24,999 Population | Resident Live Births | Resident Deaths |
|---|----------------------|-----------------|
| Poplar Bluff                            | 282                  | 291             |
| Raymore                                 | 225                  | 166             |
| Republic                                | 215                  | 122             |
| Rolla                                   | 268                  | 178             |
| St. Ann                                 | 179                  | 135             |
| Sedalia                                 | 350                  | 265             |
| Sikeston                                | 236                  | 199             |
| Town and Country                        | 44                   | 167             |
| Troy                                    | 197                  | 118             |
| Union                                   | 180                  | 99              |
| Warrensburg                             | 243                  | 136             |
| Washington                              | 163                  | 187             |
| Webb City                               | 207                  | 96              |
| Webster Groves                          | 286                  | 247             |
| West Plains                             | 176                  | 202             |

**Table 17B. Resident Live Births and Deaths By Cities with 2,500 to 9,999 Population: Missouri, 2011**

| Cities with 2,500 to 9,999 Population | Resident Live Births | Resident Deaths | Cities with 2,500 to 9,999 Population | Resident Live Births | Resident Deaths |
|---------------------------------------|----------------------|-----------------|---------------------------------------|----------------------|-----------------|
| Ashland                               | 73                   | 34              | De Soto                               | 91                   | 92              |
| Aurora                                | 115                  | 68              | Des Peres                             | 75                   | 61              |
| Ava                                   | 55                   | 47              | Dexter                                | 107                  | 130             |
| Battlefield                           | 87                   | 25              | East Prairie                          | 52                   | 50              |
| Bel-Ridge                             | 56                   | 29              | Eldon                                 | 42                   | 70              |
| Berkeley                              | 180                  | 73              | El Dorado Springs                     | 49                   | 69              |
| Bethany                               | 54                   | 57              | Ellisville                            | 64                   | 125             |
| Black Jack                            | 52                   | 101             | Fayette                               | 29                   | 35              |
| Bonne Terre                           | 67                   | 70              | Fenton                                | 38                   | 53              |
| Boonville                             | 95                   | 113             | Fredricktown                          | 58                   | 79              |
| Bowling Green                         | 59                   | 50              | Frontenac                             | 29                   | 30              |
| Breckenridge Hills                    | 82                   | 40              | Glendale                              | 69                   | 35              |
| Brentwood                             | 128                  | 35              | Green Park                            | 26                   | 47              |
| Brookfield                            | 63                   | 80              | Greenwood                             | 76                   | 22              |
| Buckner                               | 41                   | 24              | Hayti                                 | 47                   | 42              |
| Buffalo                               | 58                   | 54              | Herculaneum                           | 58                   | 41              |
| Butler                                | 59                   | 72              | Higginsville                          | 61                   | 61              |
| Byrnes Mill                           | 30                   | 22              | Hillsboro                             | 54                   | 19              |
| California                            | 65                   | 65              | Hollister                             | 72                   | 47              |
| Camdenton                             | 55                   | 43              | Holts Summit                          | 52                   | 20              |
| Cameron                               | 114                  | 137             | Kearney                               | 105                  | 56              |
| Carl Junction                         | 84                   | 54              | Knob Noster                           | 58                   | 13              |
| Carrllton                             | 54                   | 59              | Ladue                                 | 55                   | 72              |
| Caruthersville                        | 110                  | 63              | Lamar                                 | 66                   | 59              |
| Cassville                             | 59                   | 59              | Lexington                             | 66                   | 62              |
| Centralia                             | 58                   | 37              | Licking                               | 16                   | 23              |
| Chaffee                               | 41                   | 49              | Louisiana                             | 58                   | 46              |
| Charleston                            | 75                   | 64              | Macon                                 | 69                   | 101             |
| Chillicothe                           | 94                   | 141             | Malden                                | 86                   | 55              |
| Clarkson Valley                       | 5                    | 10              | Maplewood                             | 126                  | 67              |
| Clinton                               | 124                  | 156             | Marshfield                            | 84                   | 78              |
| Cottleville                           | 43                   | 12              | Monett                                | 147                  | 100             |
| Crystal City                          | 2                    | 3               | Monroe City                           | 43                   | 32              |
| Cuba                                  | 39                   | 60              | Montgomery City                       | 48                   | 29              |
| Dellwood                              | 67                   | 52              | Moscow Mills                          | 34                   | 18              |
| Deslodge                              | 59                   | 68              | Mountain Grove                        | 69                   | 81              |



**Table 17B. Resident Live Births and Deaths By Cities with 2,500 to 9,999 Population: Missouri, 2011**

| Cities with 2,500 to 9,999 Population | Resident Live Births | Resident Deaths |
|---------------------------------------|----------------------|-----------------|
| Salem                                 | 91                   | 62              |
| Savannah                              | 56                   | 70              |
| Scott City                            | 51                   | 45              |
| Shrewsbury                            | 76                   | 78              |
| Smithville                            | 88                   | 56              |
| Sugar Creek                           | 40                   | 42              |
| Sullivan                              | 112                  | 103             |
| Sunset Hills                          | 63                   | 150             |
| Tipton                                | 25                   | 32              |
| Trenton                               | 65                   | 97              |
| Valley Park                           | 101                  | 69              |
| Vandalia                              | 24                   | 47              |
| Warrenton                             | 124                  | 68              |
| Waynesville                           | 120                  | 44              |
| Weldon Spring                         | 20                   | 64              |
| Willard                               | 92                   | 42              |
| Windsor                               | 49                   | 46              |
| Woodson Terrace                       | 48                   | 39              |
| Wright City                           | 63                   | 24              |

| Cities with 2,500 to 9,999 Population | Resident Live Births | Resident Deaths |
|---------------------------------------|----------------------|-----------------|
| Mountain View                         | 39                   | 55              |
| Mount Vernon                          | 65                   | 105             |
| Nevada                                | 120                  | 166             |
| New Madrid                            | 31                   | 50              |
| Normandy                              | 74                   | 39              |
| North Kansas City                     | 54                   | 46              |
| Northwoods                            | 45                   | 58              |
| Oak Grove                             | 101                  | 55              |
| Odessa                                | 78                   | 51              |
| Olivette                              | 60                   | 61              |
| Osage Beach                           | 54                   | 66              |
| Owensville                            | 41                   | 54              |
| Pacific                               | 88                   | 85              |
| Pagedale                              | 60                   | 44              |
| Palmyra                               | 34                   | 59              |
| Park Hills                            | 140                  | 79              |
| Parkville                             | 43                   | 21              |
| Peculiar                              | 59                   | 23              |
| Perryville                            | 113                  | 120             |
| Pevely                                | 111                  | 46              |
| Pine Lawn                             | 64                   | 29              |
| Platte City                           | 67                   | 43              |
| Pleasant Hill                         | 134                  | 61              |
| Pleasant Valley                       | 34                   | 38              |
| Portageville                          | 40                   | 51              |
| Potosi                                | 61                   | 79              |
| Richmond                              | 71                   | 82              |
| Richmond Heights                      | 111                  | 66              |
| Riverside                             | 67                   | 35              |
| Riverview                             | 52                   | 22              |
| Rock Hill                             | 69                   | 41              |
| Rogersville                           | 39                   | 17              |
| St. Clair                             | 81                   | 53              |
| St. James                             | 44                   | 92              |
| St. John                              | 94                   | 72              |
| St. Robert                            | 113                  | 13              |

**Table 18. Twelve Leading Causes of Death by Race and Death Rates per 100,000 Residents: Missouri, 2011**

| Race              | Causes of Death                         | Number | Crude Rate | Age-Adjusted Rate | Percent Of Total |
|-------------------|---|--------|------------|-------------------|------------------|
| Total (All Races) | 1. Diseases of heart                    | 13,746 | 229.5      | 200.2             | 24.7             |
|                   | 2. Malignant neoplasms                  | 12,403 | 207.1      | 181.5             | 22.3             |
|                   | 3. Chronic lower respiratory disease    | 3,483  | 58.2       | 51.4              | 6.3              |
|                   | 4. Unintentional injuries               | 3,179  | 53.1       | 50.9              | 5.7              |
|                   | 5. Cerebrovascular diseases             | 3,010  | 50.3       | 44.0              | 5.4              |
|                   | 6. Alzheimer's disease                  | 1,916  | 32.0       | 27.8              | 3.4              |
|                   | 7. Diabetes mellitus                    | 1,421  | 23.7       | 20.9              | 2.6              |
|                   | 8. Nephritis and nephrosis              | 1,251  | 20.9       | 18.3              | 2.3              |
|                   | 9. Influenza and pneumonia              | 1,200  | 20.0       | 17.5              | 2.2              |
|                   | 10. Suicide                             | 921    | 15.4       | 15.1              | 1.7              |
|                   | 11. Septicemia                          | 794    | 13.3       | 11.8              | 1.4              |
|                   | 12. Chronic liver disease and cirrhosis | 514    | 8.6        | 7.6               | 0.9              |
|                   | All other causes                        | 11,761 | 196.4      | 175.3             | 21.2             |
|                   | Total (All Causes)                      | 55,599 | 928.4      | 822.3             | 100.0            |

**Table 18. Twelve Leading Causes of Death by Race and Death Rates per 100,000 Residents: Missouri, 2011**

| Race                | Causes of Death                      | Number | Percent Of Total |
|---------------------|--------------------------------------|--------|------------------|
| White, Non-Hispanic | 1. Diseases of heart                 | 12,307 | 24.9             |
|                     | 2. Malignant neoplasms               | 11,029 | 22.3             |
|                     | 3. Chronic lower respiratory disease | 3,279  | 6.6              |
|                     | 4. Unintentional injuries            | 2,782  | 5.6              |
|                     | 5. Cerebrovascular diseases          | 2,666  | 5.4              |
|                     | 6. Alzheimer's disease               | 1,799  | 3.6              |
|                     | 7. Diabetes mellitus                 | 1,170  | 2.4              |
|                     | 8. Influenza and pneumonia           | 1,124  | 2.3              |
|                     | 9. Nephritis and nephrosis           | 1,037  | 2.1              |
|                     | 10. Suicide                          | 847    | 1.7              |
|                     | 11. Septicemia                       | 684    | 1.4              |
|                     | 12. Parkinson's disease              | 486    | 1.0              |
|                     | All other causes                     | 10,154 | 20.6             |
| Total (All Causes)  | 49,364                               | 100.0  |                  |

| Race                | Causes of Death                          | Number | Percent Of Total |
|---------------------|--|--------|------------------|
| Black, Non-Hispanic | 1. Diseases of heart                     | 1,261  | 23.6             |
|                     | 2. Malignant neoplasms                   | 1,201  | 22.5             |
|                     | 3. Unintentional injuries                | 289    | 5.4              |
|                     | 4. Cerebrovascular diseases              | 288    | 5.4              |
|                     | 5. Homicide                              | 243    | 4.6              |
|                     | 6. Diabetes mellitus                     | 224    | 4.2              |
|                     | 7. Nephritis and nephrosis               | 192    | 3.6              |
|                     | 8. Chronic lower respiratory disease     | 177    | 3.3              |
|                     | 9. Septicemia                            | 97     | 1.8              |
|                     | 10. Alzheimer's disease                  | 96     | 1.8              |
|                     | 11. Conditions orig. in perinatal period | 87     | 1.6              |
|                     | 12. Essential hypertension               | 80     | 1.5              |
|                     | All other causes                         | 1,103  | 20.7             |
| Total (All Causes)  | 5,338                                    | 100.0  |                  |

| Race               | Causes of Death                          | Number | Percent Of Total |
|--------------------|--|--------|------------------|
| Other Races        | 1. Malignant neoplasms                   | 110    | 21.7             |
|                    | 2. Diseases of heart                     | 100    | 19.7             |
|                    | 3. Unintentional injuries                | 52     | 10.2             |
|                    | 4. Cerebrovascular diseases              | 36     | 7.1              |
|                    | 5. Chronic lower respiratory disease     | 17     | 3.3              |
|                    | 6. Diabetes mellitus                     | 16     | 3.1              |
|                    | 7. Suicide                               | 13     | 2.6              |
|                    | 8. Alzheimer's disease                   | 12     | 2.4              |
|                    | 8. Chronic liver disease and cirrhosis   | 12     | 2.4              |
|                    | 10. Nephritis and nephrosis              | 11     | 2.2              |
|                    | 11. Conditions orig. in perinatal period | 9      | 1.8              |
|                    | 11. Congenital anomalies                 | 9      | 1.8              |
|                    | All other causes                         | 111    | 21.9             |
| Total (All Causes) | 508                                      | 100.0  |                  |

| Race               | Causes of Death                         | Number | Percent Of Total |
|--------------------|---|--------|------------------|
| Hispanic, Any Race | 1. Diseases of heart                    | 59     | 17.4             |
|                    | 2. Malignant neoplasms                  | 58     | 17.1             |
|                    | 3. Unintentional injuries               | 52     | 15.3             |
|                    | 4. Cerebrovascular diseases             | 20     | 5.9              |
|                    | 5. Conditions orig. in perinatal period | 10     | 2.9              |
|                    | 5. Diabetes mellitus                    | 10     | 2.9              |
|                    | 5. Nephritis and nephrosis              | 10     | 2.9              |
|                    | 8. Chronic lower respiratory disease    | 8      | 2.4              |
|                    | 8. Suicide                              | 8      | 2.4              |
|                    | 10. Alzheimer's disease                 | 7      | 2.1              |
|                    | 10. Homicide                            | 7      | 2.1              |
|                    | 12. Influenza and pneumonia             | 6      | 1.8              |
|                    | 12. Viral hepatitis                     | 6      | 1.8              |
| All other causes   | 79                                      | 23.2   |                  |
| Total (All Causes) | 340                                     | 100.0  |                  |

**Table 19. Five Leading Causes of Death and Percentages for Selected Resident Age Groups: Missouri, 2011**

| Age Group    | Causes of Death                         | Number       | Percent Of Total |
|--------------|---|--------------|------------------|
| Under 1 year | 1. Conditions orig. in perinatal period | 224          | 46.5             |
|              | 2. Congenital anomalies                 | 107          | 22.2             |
|              | 3. Unintentional injuries               | 62           | 12.9             |
|              | 4. Homicide                             | 6            | 1.2              |
|              | 5. Influenza and pneumonia              | 5            | 1.0              |
|              | <b>Total (All Causes)</b>               | <b>482</b>   | <b>100.0</b>     |
| 1-4 years    | 1. Unintentional injuries               | 37           | 36.6             |
|              | 2. Homicide                             | 18           | 17.8             |
|              | 3. Congenital anomalies                 | 9            | 8.9              |
|              | 4. Malignant neoplasms                  | 6            | 5.9              |
|              | 5. Diseases of heart                    | 5            | 5.0              |
|              | <b>Total (All Causes)</b>               | <b>101</b>   | <b>100.0</b>     |
| 5-14 years   | 1. Unintentional injuries               | 45           | 38.8             |
|              | 2. Malignant neoplasms                  | 13           | 11.2             |
|              | 3. Suicide                              | 6            | 5.2              |
|              | 4. Congenital anomalies                 | 5            | 4.3              |
|              | 4. Diseases of heart                    | 5            | 4.3              |
|              | <b>Total (All Causes)</b>               | <b>116</b>   | <b>100.0</b>     |
| 15-24 years  | 1. Unintentional injuries               | 336          | 46.9             |
|              | 2. Suicide                              | 115          | 16.1             |
|              | 3. Homicide                             | 104          | 14.5             |
|              | 4. Diseases of heart                    | 27           | 3.8              |
|              | 4. Malignant neoplasms                  | 27           | 3.8              |
|              | <b>Total (All Causes)</b>               | <b>716</b>   | <b>100.0</b>     |
| 25-34 years  | 1. Unintentional injuries               | 409          | 39.4             |
|              | 2. Suicide                              | 142          | 13.7             |
|              | 3. Homicide                             | 115          | 11.1             |
|              | 4. Diseases of heart                    | 77           | 7.4              |
|              | 5. Malignant neoplasms                  | 71           | 6.8              |
|              | <b>Total (All Causes)</b>               | <b>1,037</b> | <b>100.0</b>     |
| 35-44 years  | 1. Unintentional injuries               | 358          | 24.0             |
|              | 2. Diseases of heart                    | 251          | 16.8             |
|              | 3. Malignant neoplasms                  | 218          | 14.6             |
|              | 4. Suicide                              | 161          | 10.8             |
|              | 5. Homicide                             | 71           | 4.8              |
|              | <b>Total (All Causes)</b>               | <b>1,493</b> | <b>100.0</b>     |

| Age Group       | Causes of Death                        | Number        | Percent Of Total |
|-----------------|--|---------------|------------------|
| 45-54 years     | 1. Malignant neoplasms                 | 1,077         | 26.3             |
|                 | 2. Diseases of heart                   | 966           | 23.6             |
|                 | 3. Unintentional injuries              | 489           | 11.9             |
|                 | 4. Suicide                             | 225           | 5.5              |
|                 | 5. Chronic liver disease and cirrhosis | 123           | 3.0              |
|                 | <b>Total (All Causes)</b>              | <b>4,100</b>  | <b>100.0</b>     |
| 55-64 years     | 1. Malignant neoplasms                 | 2,467         | 34.5             |
|                 | 2. Diseases of heart                   | 1,688         | 23.6             |
|                 | 3. Chronic lower respiratory disease   | 406           | 5.7              |
|                 | 4. Unintentional injuries              | 343           | 4.8              |
|                 | 5. Cerebrovascular diseases            | 275           | 3.8              |
|                 | <b>Total (All Causes)</b>              | <b>7,145</b>  | <b>100.0</b>     |
| 65-74 years     | 1. Malignant neoplasms                 | 3,260         | 34.4             |
|                 | 2. Diseases of heart                   | 2,117         | 22.3             |
|                 | 3. Chronic lower respiratory disease   | 891           | 9.4              |
|                 | 4. Cerebrovascular diseases            | 414           | 4.4              |
|                 | 5. Diabetes mellitus                   | 310           | 3.3              |
|                 | <b>Total (All Causes)</b>              | <b>9,482</b>  | <b>100.0</b>     |
| 75-84 years     | 1. Diseases of heart                   | 3,448         | 24.5             |
|                 | 2. Malignant neoplasms                 | 3,326         | 23.7             |
|                 | 3. Chronic lower respiratory disease   | 1,187         | 8.4              |
|                 | 4. Cerebrovascular diseases            | 871           | 6.2              |
|                 | 5. Alzheimer's disease                 | 591           | 4.2              |
|                 | <b>Total (All Causes)</b>              | <b>14,054</b> | <b>100.0</b>     |
| 85 years & over | 1. Diseases of heart                   | 5,155         | 30.6             |
|                 | 2. Malignant neoplasms                 | 1,936         | 11.5             |
|                 | 3. Cerebrovascular diseases            | 1,264         | 7.5              |
|                 | 4. Alzheimer's disease                 | 1,200         | 7.1              |
|                 | 5. Chronic lower respiratory disease   | 853           | 5.1              |
|                 | <b>Total (All Causes)</b>              | <b>16,869</b> | <b>100.0</b>     |

**Table 20. Resident Deaths with Age-Specific Rates per 1,000 Residents By Age Groups By Sex and Race: Missouri, 2011**

| Age at Death    | Age-Specific Rate |       |        | All Races |        |        | White, Non-Hispanic |        |        | Black, Non-Hispanic |       |        |
|-----------------|-------------------|-------|--------|-----------|--------|--------|---------------------|--------|--------|---------------------|-------|--------|
|                 | Total             | Male  | Female | Total     | Male   | Female | Total               | Male   | Female | Total               | Male  | Female |
|                 | All Ages          | 9.3   | 9.4    | 9.2       | 55,599 | 27,533 | 28,066              | 49,364 | 24,320 | 25,044              | 5,338 | 2,737  |
| Under 1 Year    | 6.3               | 7.1   | 5.5    | 482       | 279    | 203    | 285                 | 168    | 117    | 150                 | 89    | 61     |
| 1-4 Years       | 0.3               | 0.4   | 0.2    | 101       | 67     | 34     | 67                  | 43     | 24     | 21                  | 15    | 6      |
| 5-9 Years       | 0.1               | 0.1   | 0.1    | 43        | 21     | 22     | 30                  | 14     | 16     | 10                  | 6     | 4      |
| 10-14 Years     | 0.2               | 0.2   | 0.1    | 73        | 48     | 25     | 56                  | 39     | 17     | 11                  | 6     | 5      |
| 15-19 Years     | 0.6               | 0.9   | 0.4    | 263       | 190    | 73     | 194                 | 138    | 56     | 53                  | 41    | 12     |
| 20-24 Years     | 1.1               | 1.6   | 0.6    | 453       | 335    | 118    | 326                 | 234    | 92     | 97                  | 79    | 18     |
| 25-29 Years     | 1.2               | 1.7   | 0.7    | 488       | 345    | 143    | 341                 | 240    | 101    | 117                 | 85    | 32     |
| 30-34 Years     | 1.4               | 1.9   | 1.0    | 549       | 363    | 186    | 423                 | 276    | 147    | 105                 | 74    | 31     |
| 35-39 Years     | 1.6               | 2.1   | 1.2    | 571       | 361    | 210    | 438                 | 271    | 167    | 116                 | 81    | 35     |
| 40-44 Years     | 2.4               | 2.9   | 1.9    | 922       | 552    | 370    | 754                 | 453    | 301    | 140                 | 80    | 60     |
| 45-49 Years     | 3.7               | 4.8   | 2.8    | 1,594     | 1,002  | 592    | 1,302               | 833    | 469    | 252                 | 145   | 107    |
| 50-54 Years     | 5.6               | 6.9   | 4.3    | 2,506     | 1,517  | 989    | 2,083               | 1,260  | 823    | 374                 | 224   | 150    |
| 55-59 Years     | 8.1               | 10.1  | 6.2    | 3,243     | 1,960  | 1,283  | 2,689               | 1,651  | 1,038  | 499                 | 275   | 224    |
| 60-64 Years     | 11.1              | 14.0  | 8.3    | 3,902     | 2,367  | 1,535  | 3,356               | 2,050  | 1,306  | 480                 | 278   | 202    |
| 65-69 Years     | 16.6              | 20.0  | 13.6   | 4,344     | 2,469  | 1,875  | 3,798               | 2,159  | 1,639  | 484                 | 269   | 215    |
| 70-74 Years     | 25.8              | 30.9  | 21.4   | 5,138     | 2,833  | 2,305  | 4,573               | 2,547  | 2,026  | 485                 | 241   | 244    |
| 75-79 Years     | 40.4              | 48.1  | 34.3   | 6,311     | 3,295  | 3,016  | 5,690               | 3,016  | 2,674  | 527                 | 235   | 292    |
| 80-84 Years     | 64.9              | 75.7  | 57.6   | 7,743     | 3,625  | 4,118  | 7,113               | 3,365  | 3,748  | 534                 | 220   | 314    |
| 85 Years & Over | 143.4             | 156.5 | 137.3  | 16,869    | 5,901  | 10,968 | 15,845              | 5,562  | 10,283 | 883                 | 294   | 589    |
| Unknown Age     | 0.0               | 0.0   | 0.0    | 4         | 3      | 1      | 1                   | 1      | 0      | 0                   | 0     | 0      |

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2011

|  | All Ages | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
|--|----------|---------|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| All causes                                 | 55,599   | 482     | 101 | 43  | 73    | 263   | 453   | 488   | 549   | 571   | 922   |
| Enterocolitis due to Clostridium difficile | 206      | 0       | 0   | 0   | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| Septicemia                                 | 794      | 2       | 0   | 1   | 1     | 0     | 4     | 5     | 5     | 7     | 14    |
| HIV / AIDS                                 | 80       | 0       | 0   | 0   | 0     | 0     | 1     | 3     | 8     | 4     | 11    |
| Malignant neoplasms                        | 12,403   | 2       | 6   | 4   | 9     | 9     | 18    | 27    | 44    | 68    | 150   |
| ...Colon, rectum, and anus                 | 1,096    | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 2     | 6     | 18    |
| ...Pancreas                                | 764      | 0       | 0   | 0   | 0     | 0     | 0     | 1     | 1     | 0     | 7     |
| ...Trachea, bronchus, and lung             | 3,819    | 0       | 0   | 0   | 0     | 0     | 1     | 2     | 1     | 10    | 20    |
| ...Breast                                  | 901      | 0       | 0   | 0   | 0     | 0     | 0     | 4     | 4     | 10    | 30    |
| ...Cervix uteri, corpus uteri, and ovary   | 531      | 0       | 0   | 0   | 0     | 1     | 1     | 0     | 3     | 7     | 15    |
| ...Prostate                                | 505      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ...Urinary tract                           | 630      | 0       | 0   | 0   | 0     | 0     | 0     | 1     | 0     | 1     | 7     |
| ...Non-Hodgkin's lymphoma                  | 405      | 0       | 0   | 0   | 1     | 1     | 1     | 2     | 1     | 2     | 2     |
| ...Leukemia                                | 498      | 2       | 3   | 1   | 3     | 2     | 3     | 3     | 6     | 1     | 5     |
| ...Other malignant neoplasms               | 3,254    | 0       | 3   | 3   | 5     | 5     | 12    | 14    | 26    | 31    | 46    |
| Diabetes mellitus                          | 1,421    | 0       | 0   | 0   | 1     | 0     | 7     | 4     | 7     | 8     | 31    |
| Alzheimer's disease                        | 1,916    | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Parkinson's disease                        | 505      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| Diseases of heart                          | 13,746   | 4       | 5   | 3   | 2     | 4     | 23    | 25    | 52    | 90    | 161   |
| Essential hypertension                     | 458      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 1     | 3     |
| Cerebrovascular diseases                   | 3,010    | 4       | 0   | 0   | 2     | 2     | 5     | 4     | 11    | 11    | 25    |
| Influenza and pneumonia                    | 1,200    | 5       | 1   | 1   | 2     | 1     | 3     | 6     | 7     | 7     | 12    |
| Chronic lower respiratory disease          | 3,483    | 1       | 1   | 2   | 0     | 0     | 1     | 3     | 5     | 9     | 12    |
| Pneumonitis due to solids and liquids      | 506      | 0       | 0   | 0   | 0     | 0     | 1     | 0     | 1     | 2     | 3     |
| Chronic liver disease and cirrhosis        | 514      | 1       | 0   | 0   | 0     | 0     | 0     | 4     | 2     | 11    | 27    |
| Nephritis and nephrosis                    | 1,251    | 0       | 0   | 0   | 0     | 0     | 0     | 1     | 3     | 10    | 10    |
| Perinatal conditions                       | 224      | 224     | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Congenital anomalies                       | 206      | 107     | 9   | 2   | 3     | 6     | 7     | 7     | 4     | 2     | 4     |
| Symptoms and ill-defined conditions        | 421      | 13      | 5   | 0   | 0     | 3     | 11    | 13    | 7     | 5     | 15    |
| All other diseases                         | 8,591    | 48      | 17  | 10  | 12    | 17    | 29    | 50    | 47    | 60    | 113   |
| Unintentional injuries                     | 3,179    | 62      | 37  | 16  | 29    | 134   | 202   | 199   | 210   | 156   | 202   |
| ...Motor vehicle crashes                   | 830      | 0       | 11  | 7   | 19    | 98    | 100   | 76    | 60    | 39    | 60    |
| ...Falls                                   | 690      | 0       | 1   | 0   | 0     | 2     | 0     | 2     | 8     | 2     | 7     |
| ...Accidental poisoning                    | 856      | 0       | 0   | 0   | 1     | 18    | 74    | 93    | 110   | 97    | 107   |
| ...Other unintentional injuries            | 803      | 62      | 25  | 9   | 9     | 16    | 28    | 28    | 32    | 18    | 28    |
| Suicide                                    | 921      | 0       | 0   | 0   | 6     | 36    | 79    | 63    | 79    | 69    | 92    |
| Homicide                                   | 416      | 6       | 18  | 1   | 2     | 46    | 58    | 69    | 46    | 44    | 27    |
| All other external causes                  | 148      | 3       | 2   | 3   | 4     | 4     | 4     | 5     | 11    | 6     | 9     |

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2011

|  | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+    | Unknown |
|--|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|
| All causes                                 | 1,594 | 2,506 | 3,243 | 3,902 | 4,344 | 5,138 | 6,311 | 7,743 | 16,869 | 4       |
| Enterocolitis due to Clostridium difficile | 0     | 1     | 4     | 9     | 17    | 14    | 29    | 49    | 81     | 0       |
| Septicemia                                 | 17    | 36    | 44    | 80    | 59    | 71    | 120   | 125   | 203    | 0       |
| HIV / AIDS                                 | 15    | 13    | 11    | 11    | 1     | 1     | 1     | 0     | 0      | 0       |
| Malignant neoplasms                        | 349   | 728   | 1,074 | 1,393 | 1,561 | 1,699 | 1,737 | 1,589 | 1,936  | 0       |
| ...Colon, rectum, and anus                 | 47    | 69    | 86    | 117   | 103   | 129   | 140   | 163   | 216    | 0       |
| ...Pancreas                                | 18    | 40    | 58    | 91    | 108   | 109   | 108   | 108   | 115    | 0       |
| ...Trachea, bronchus, and lung             | 98    | 217   | 323   | 464   | 593   | 644   | 601   | 468   | 377    | 0       |
| ...Breast                                  | 40    | 83    | 96    | 105   | 101   | 83    | 96    | 80    | 169    | 0       |
| ...Cervix uteri, corpus uteri, and ovary   | 26    | 41    | 48    | 76    | 67    | 67    | 52    | 55    | 72     | 0       |
| ...Prostate                                | 0     | 5     | 19    | 34    | 50    | 46    | 100   | 91    | 160    | 0       |
| ...Urinary tract                           | 6     | 36    | 46    | 59    | 75    | 90    | 83    | 87    | 139    | 0       |
| ...Non-Hodgkin's lymphoma                  | 7     | 19    | 23    | 32    | 38    | 60    | 57    | 71    | 88     | 0       |
| ...Leukemia                                | 10    | 20    | 32    | 37    | 57    | 63    | 61    | 69    | 120    | 0       |
| ...Other malignant neoplasms               | 97    | 198   | 343   | 378   | 369   | 408   | 439   | 397   | 480    | 0       |
| Diabetes mellitus                          | 51    | 69    | 113   | 139   | 150   | 160   | 196   | 196   | 289    | 0       |
| Alzheimer's disease                        | 2     | 1     | 3     | 11    | 18    | 90    | 200   | 391   | 1,200  | 0       |
| Parkinson's disease                        | 0     | 0     | 3     | 5     | 14    | 48    | 93    | 140   | 201    | 0       |
| Diseases of heart                          | 366   | 600   | 755   | 933   | 995   | 1,122 | 1,432 | 2,016 | 5,155  | 3       |
| Essential hypertension                     | 8     | 14    | 23    | 17    | 26    | 44    | 45    | 64    | 213    | 0       |
| Cerebrovascular diseases                   | 49    | 73    | 111   | 164   | 176   | 238   | 354   | 517   | 1,264  | 0       |
| Influenza and pneumonia                    | 16    | 23    | 51    | 52    | 53    | 93    | 112   | 194   | 561    | 0       |
| Chronic lower respiratory disease          | 25    | 87    | 175   | 231   | 388   | 503   | 599   | 588   | 853    | 0       |
| Pneumonitis due to solids and liquids      | 4     | 8     | 15    | 17    | 17    | 34    | 46    | 92    | 266    | 0       |
| Chronic liver disease and cirrhosis        | 60    | 63    | 73    | 84    | 56    | 43    | 34    | 28    | 28     | 0       |
| Nephritis and nephrosis                    | 16    | 34    | 50    | 82    | 93    | 112   | 150   | 223   | 467    | 0       |
| Perinatal conditions                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0       |
| Congenital anomalies                       | 6     | 10    | 14    | 4     | 5     | 4     | 0     | 2     | 10     | 0       |
| Symptoms and ill-defined conditions        | 6     | 13    | 15    | 22    | 27    | 19    | 36    | 36    | 174    | 1       |
| All other diseases                         | 208   | 322   | 394   | 428   | 523   | 683   | 926   | 1,246 | 3,458  | 0       |
| Unintentional injuries                     | 234   | 255   | 202   | 141   | 121   | 124   | 162   | 220   | 473    | 0       |
| ...Motor vehicle crashes                   | 56    | 71    | 58    | 39    | 27    | 34    | 29    | 25    | 21     | 0       |
| ...Falls                                   | 7     | 22    | 15    | 24    | 37    | 43    | 72    | 127   | 321    | 0       |
| ...Accidental poisoning                    | 124   | 104   | 73    | 28    | 8     | 6     | 3     | 8     | 2      | 0       |
| ...Other unintentional injuries            | 47    | 58    | 56    | 50    | 49    | 41    | 58    | 60    | 129    | 0       |
| Suicide                                    | 118   | 107   | 86    | 53    | 32    | 26    | 31    | 19    | 25     | 0       |
| Homicide                                   | 25    | 33    | 11    | 15    | 4     | 5     | 3     | 1     | 2      | 0       |
| All other external causes                  | 19    | 16    | 16    | 11    | 8     | 5     | 5     | 7     | 10     | 0       |

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2011

|  | All Ages | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
|--|----------|---------|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| All causes                                 | 27,533   | 279     | 67  | 21  | 48    | 190   | 335   | 345   | 363   | 361   | 552   |
| Enterocolitis due to Clostridium difficile | 74       | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| Septicemia                                 | 370      | 2       | 0   | 0   | 1     | 0     | 3     | 3     | 4     | 5     | 5     |
| HIV / AIDS                                 | 68       | 0       | 0   | 0   | 0     | 0     | 1     | 2     | 7     | 4     | 8     |
| Malignant neoplasms                        | 6,457    | 0       | 4   | 1   | 5     | 3     | 10    | 11    | 27    | 31    | 64    |
| ...Colon, rectum, and anus                 | 595      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 4     | 11    |
| ...Pancreas                                | 388      | 0       | 0   | 0   | 0     | 0     | 0     | 1     | 1     | 0     | 6     |
| ...Trachea, bronchus, and lung             | 2,126    | 0       | 0   | 0   | 0     | 0     | 1     | 0     | 0     | 3     | 10    |
| ...Breast                                  | 11       | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ...Cervix uteri, corpus uteri, and ovary   | 0        | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ...Prostate                                | 505      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ...Urinary tract                           | 418      | 0       | 0   | 0   | 0     | 0     | 0     | 1     | 0     | 0     | 5     |
| ...Non-Hodgkin's lymphoma                  | 224      | 0       | 0   | 0   | 1     | 0     | 1     | 2     | 1     | 1     | 2     |
| ...Leukemia                                | 272      | 0       | 2   | 0   | 2     | 1     | 2     | 2     | 3     | 1     | 4     |
| ...Other malignant neoplasms               | 1,918    | 0       | 2   | 1   | 2     | 2     | 6     | 5     | 22    | 22    | 26    |
| Diabetes mellitus                          | 743      | 0       | 0   | 0   | 0     | 0     | 6     | 1     | 5     | 6     | 15    |
| Alzheimer's disease                        | 589      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Parkinson's disease                        | 285      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| Diseases of heart                          | 7,021    | 3       | 4   | 1   | 1     | 3     | 14    | 13    | 33    | 64    | 99    |
| Essential hypertension                     | 175      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 2     |
| Cerebrovascular diseases                   | 1,163    | 2       | 0   | 0   | 1     | 1     | 1     | 3     | 4     | 6     | 12    |
| Influenza and pneumonia                    | 571      | 4       | 1   | 1   | 0     | 1     | 3     | 4     | 5     | 7     | 5     |
| Chronic lower respiratory disease          | 1,656    | 0       | 1   | 2   | 0     | 0     | 0     | 2     | 4     | 3     | 2     |
| Pneumonitis due to solids and liquids      | 269      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 1     | 2     | 3     |
| Chronic liver disease and cirrhosis        | 341      | 0       | 0   | 0   | 0     | 0     | 0     | 2     | 1     | 6     | 20    |
| Nephritis and nephrosis                    | 612      | 0       | 0   | 0   | 0     | 0     | 0     | 1     | 2     | 6     | 8     |
| Perinatal conditions                       | 135      | 135     | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Congenital anomalies                       | 112      | 55      | 6   | 0   | 0     | 4     | 5     | 4     | 3     | 1     | 4     |
| Symptoms and ill-defined conditions        | 174      | 8       | 3   | 0   | 0     | 2     | 8     | 10    | 4     | 3     | 9     |
| All other diseases                         | 3,649    | 28      | 10  | 5   | 9     | 11    | 12    | 26    | 19    | 28    | 59    |
| Unintentional injuries                     | 1,948    | 38      | 23  | 9   | 22    | 97    | 149   | 149   | 142   | 106   | 138   |
| ...Motor vehicle crashes                   | 585      | 0       | 5   | 3   | 13    | 66    | 76    | 55    | 45    | 31    | 40    |
| ...Falls                                   | 312      | 0       | 1   | 0   | 0     | 2     | 0     | 2     | 6     | 1     | 6     |
| ...Accidental poisoning                    | 557      | 0       | 0   | 0   | 1     | 15    | 52    | 69    | 68    | 61    | 74    |
| ...Other unintentional injuries            | 494      | 38      | 17  | 6   | 8     | 14    | 21    | 23    | 23    | 13    | 18    |
| Suicide                                    | 719      | 0       | 0   | 0   | 5     | 28    | 69    | 50    | 61    | 50    | 71    |
| Homicide                                   | 324      | 2       | 13  | 0   | 0     | 38    | 50    | 61    | 36    | 30    | 22    |
| All other external causes                  | 78       | 2       | 2   | 2   | 4     | 2     | 4     | 3     | 5     | 2     | 5     |



**Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2011**

|  | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+   | Unknown |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| All causes                                 | 1,002 | 1,517 | 1,960 | 2,367 | 2,469 | 2,833 | 3,295 | 3,625 | 5,901 | 3       |
| Enterocolitis due to Clostridium difficile | 0     | 0     | 1     | 2     | 6     | 8     | 15    | 19    | 22    | 0       |
| Septicemia                                 | 6     | 21    | 28    | 47    | 35    | 35    | 55    | 46    | 74    | 0       |
| HIV / AIDS                                 | 12    | 11    | 10    | 10    | 1     | 1     | 1     | 0     | 0     | 0       |
| Malignant neoplasms                        | 175   | 377   | 590   | 804   | 870   | 922   | 941   | 774   | 848   | 0       |
| ...Colon, rectum, and anus                 | 27    | 41    | 53    | 74    | 62    | 78    | 78    | 77    | 90    | 0       |
| ...Pancreas                                | 10    | 32    | 36    | 54    | 61    | 52    | 55    | 47    | 33    | 0       |
| ...Trachea, bronchus, and lung             | 59    | 115   | 187   | 275   | 343   | 359   | 336   | 248   | 190   | 0       |
| ...Breast                                  | 0     | 0     | 2     | 2     | 0     | 2     | 1     | 1     | 3     | 0       |
| ...Cervix uteri, corpus uteri, and ovary   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       |
| ...Prostate                                | 0     | 5     | 19    | 34    | 50    | 46    | 100   | 91    | 160   | 0       |
| ...Urinary tract                           | 4     | 25    | 27    | 44    | 51    | 63    | 59    | 51    | 88    | 0       |
| ...Non-Hodgkin's lymphoma                  | 4     | 13    | 12    | 22    | 25    | 36    | 30    | 33    | 41    | 0       |
| ...Leukemia                                | 5     | 9     | 25    | 25    | 37    | 35    | 35    | 33    | 51    | 0       |
| ...Other malignant neoplasms               | 66    | 137   | 229   | 274   | 241   | 251   | 247   | 193   | 192   | 0       |
| Diabetes mellitus                          | 31    | 48    | 66    | 85    | 89    | 94    | 101   | 106   | 90    | 0       |
| Alzheimer's disease                        | 1     | 1     | 1     | 5     | 8     | 46    | 86    | 149   | 292   | 0       |
| Parkinson's disease                        | 0     | 0     | 1     | 4     | 7     | 28    | 58    | 85    | 101   | 0       |
| Diseases of heart                          | 264   | 410   | 509   | 606   | 652   | 681   | 786   | 998   | 1,878 | 2       |
| Essential hypertension                     | 6     | 7     | 14    | 11    | 15    | 20    | 20    | 27    | 53    | 0       |
| Cerebrovascular diseases                   | 27    | 44    | 66    | 96    | 100   | 112   | 167   | 194   | 327   | 0       |
| Influenza and pneumonia                    | 9     | 11    | 27    | 28    | 32    | 55    | 56    | 94    | 228   | 0       |
| Chronic lower respiratory disease          | 10    | 38    | 91    | 110   | 178   | 265   | 302   | 301   | 347   | 0       |
| Pneumonitis due to solids and liquids      | 4     | 4     | 10    | 11    | 8     | 19    | 27    | 47    | 133   | 0       |
| Chronic liver disease and cirrhosis        | 39    | 45    | 53    | 60    | 36    | 21    | 23    | 17    | 18    | 0       |
| Nephritis and nephrosis                    | 6     | 19    | 25    | 46    | 45    | 67    | 86    | 113   | 188   | 0       |
| Perinatal conditions                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       |
| Congenital anomalies                       | 3     | 4     | 9     | 4     | 2     | 1     | 0     | 2     | 5     | 0       |
| Symptoms and ill-defined conditions        | 5     | 2     | 10    | 13    | 16    | 8     | 17    | 13    | 42    | 1       |
| All other diseases                         | 126   | 197   | 233   | 258   | 265   | 352   | 435   | 519   | 1,057 | 0       |
| Unintentional injuries                     | 160   | 166   | 135   | 106   | 75    | 69    | 89    | 102   | 173   | 0       |
| ...Motor vehicle crashes                   | 44    | 55    | 39    | 30    | 18    | 23    | 16    | 13    | 13    | 0       |
| ...Falls                                   | 5     | 13    | 9     | 21    | 23    | 18    | 38    | 55    | 112   | 0       |
| ...Accidental poisoning                    | 77    | 59    | 49    | 17    | 5     | 5     | 2     | 2     | 1     | 0       |
| ...Other unintentional injuries            | 34    | 39    | 38    | 38    | 29    | 23    | 33    | 32    | 47    | 0       |
| Suicide                                    | 89    | 81    | 63    | 43    | 25    | 21    | 27    | 16    | 20    | 0       |
| Homicide                                   | 19    | 23    | 9     | 12    | 2     | 4     | 1     | 0     | 2     | 0       |
| All other external causes                  | 10    | 8     | 9     | 6     | 2     | 4     | 2     | 3     | 3     | 0       |

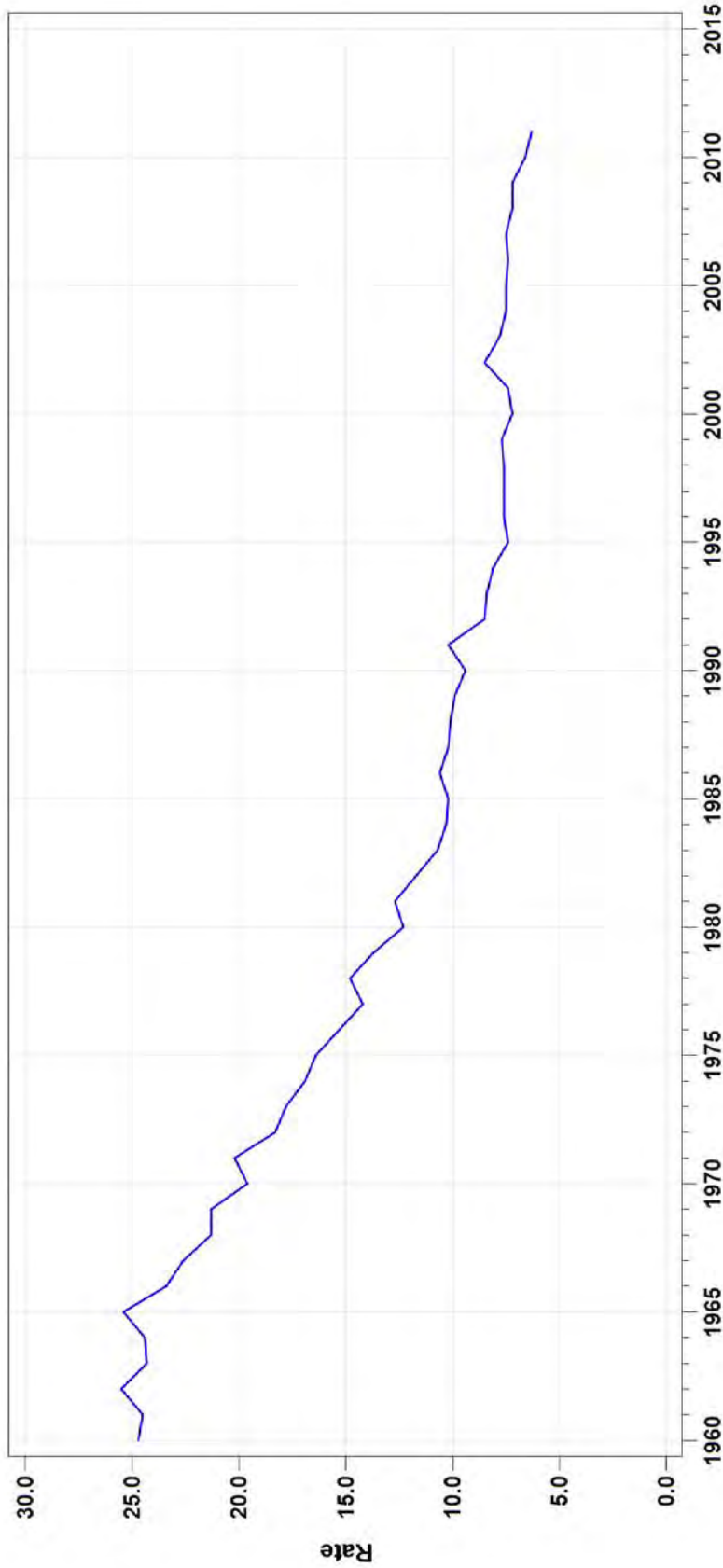
Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2011

|  | All Ages | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
|--|----------|---------|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| All causes                                 | 28,066   | 203     | 34  | 22  | 25    | 73    | 118   | 143   | 186   | 210   | 370   |
| Enterocolitis due to Clostridium difficile | 132      | 0       | 0   | 0   | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| Septicemia                                 | 424      | 0       | 0   | 1   | 0     | 0     | 1     | 2     | 1     | 2     | 9     |
| HIV / AIDS                                 | 12       | 0       | 0   | 0   | 0     | 0     | 0     | 1     | 1     | 0     | 3     |
| Malignant neoplasms                        | 5,946    | 2       | 2   | 3   | 4     | 6     | 8     | 16    | 17    | 37    | 86    |
| ...Colon, rectum, and anus                 | 501      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 2     | 2     | 7     |
| ...Pancreas                                | 376      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ...Trachea, bronchus, and lung             | 1,693    | 0       | 0   | 0   | 0     | 0     | 0     | 2     | 1     | 7     | 10    |
| ...Breast                                  | 890      | 0       | 0   | 0   | 0     | 0     | 0     | 4     | 4     | 10    | 30    |
| ...Cervix uteri, corpus uteri, and ovary   | 531      | 0       | 0   | 0   | 0     | 1     | 1     | 0     | 3     | 7     | 15    |
| ...Prostate                                | 0        | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ...Urinary tract                           | 212      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 1     | 2     |
| ...Non-Hodgkin's lymphoma                  | 181      | 0       | 0   | 0   | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ...Leukemia                                | 226      | 2       | 1   | 1   | 1     | 1     | 1     | 1     | 3     | 0     | 1     |
| ...Other malignant neoplasms               | 1,336    | 0       | 1   | 2   | 3     | 3     | 6     | 9     | 4     | 9     | 20    |
| Diabetes mellitus                          | 678      | 0       | 0   | 0   | 1     | 0     | 1     | 3     | 2     | 2     | 16    |
| Alzheimer's disease                        | 1,327    | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Parkinson's disease                        | 220      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Diseases of heart                          | 6,725    | 1       | 1   | 2   | 1     | 1     | 9     | 12    | 19    | 26    | 62    |
| Essential hypertension                     | 283      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| Cerebrovascular diseases                   | 1,847    | 2       | 0   | 0   | 1     | 1     | 4     | 1     | 7     | 5     | 13    |
| Influenza and pneumonia                    | 629      | 1       | 0   | 0   | 2     | 0     | 0     | 2     | 2     | 0     | 7     |
| Chronic lower respiratory disease          | 1,827    | 1       | 0   | 0   | 0     | 0     | 1     | 1     | 1     | 6     | 10    |
| Pneumonitis due to solids and liquids      | 237      | 0       | 0   | 0   | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| Chronic liver disease and cirrhosis        | 173      | 1       | 0   | 0   | 0     | 0     | 0     | 2     | 1     | 5     | 7     |
| Nephritis and nephrosis                    | 639      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 1     | 4     | 2     |
| Perinatal conditions                       | 89       | 89      | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Congenital anomalies                       | 94       | 52      | 3   | 2   | 3     | 2     | 2     | 3     | 1     | 1     | 0     |
| Symptoms and ill-defined conditions        | 247      | 5       | 2   | 0   | 0     | 1     | 3     | 3     | 3     | 2     | 6     |
| All other diseases                         | 4,942    | 20      | 7   | 5   | 3     | 6     | 17    | 24    | 28    | 32    | 54    |
| Unintentional injuries                     | 1,231    | 24      | 14  | 7   | 7     | 37    | 53    | 50    | 68    | 50    | 64    |
| ...Motor vehicle crashes                   | 245      | 0       | 6   | 4   | 6     | 32    | 24    | 21    | 15    | 8     | 20    |
| ...Falls                                   | 378      | 0       | 0   | 0   | 0     | 0     | 0     | 0     | 2     | 1     | 1     |
| ...Accidental poisoning                    | 299      | 0       | 0   | 0   | 0     | 3     | 22    | 24    | 42    | 36    | 33    |
| ...Other unintentional injuries            | 309      | 24      | 8   | 3   | 1     | 2     | 7     | 5     | 9     | 5     | 10    |
| Suicide                                    | 202      | 0       | 0   | 0   | 1     | 8     | 10    | 13    | 18    | 19    | 21    |
| Homicide                                   | 92       | 4       | 5   | 1   | 2     | 8     | 8     | 8     | 10    | 14    | 5     |
| All other external causes                  | 70       | 1       | 0   | 1   | 0     | 2     | 0     | 2     | 6     | 4     | 4     |

Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2011

|  | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+    | Unknown |
|--|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|
| All causes                                 | 592   | 989   | 1,283 | 1,535 | 1,875 | 2,305 | 3,016 | 4,118 | 10,968 | 1       |
| Enterocolitis due to Clostridium difficile | 0     | 1     | 3     | 7     | 11    | 6     | 14    | 30    | 59     | 0       |
| Septicemia                                 | 11    | 15    | 16    | 33    | 24    | 36    | 65    | 79    | 129    | 0       |
| HIV / AIDS                                 | 3     | 2     | 1     | 1     | 0     | 0     | 0     | 0     | 0      | 0       |
| Malignant neoplasms                        | 174   | 351   | 484   | 589   | 691   | 777   | 796   | 815   | 1,088  | 0       |
| ...Colon, rectum, and anus                 | 20    | 28    | 33    | 43    | 41    | 51    | 62    | 86    | 126    | 0       |
| ...Pancreas                                | 8     | 8     | 22    | 37    | 47    | 57    | 53    | 61    | 82     | 0       |
| ...Trachea, bronchus, and lung             | 39    | 102   | 136   | 189   | 250   | 285   | 265   | 220   | 187    | 0       |
| ...Breast                                  | 40    | 83    | 94    | 103   | 101   | 81    | 95    | 79    | 166    | 0       |
| ...Cervix uteri, corpus uteri, and ovary   | 26    | 41    | 48    | 76    | 67    | 67    | 52    | 55    | 72     | 0       |
| ...Prostate                                | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0       |
| ...Urinary tract                           | 2     | 11    | 19    | 15    | 24    | 27    | 24    | 36    | 51     | 0       |
| ...Non-Hodgkin's lymphoma                  | 3     | 6     | 11    | 10    | 13    | 24    | 27    | 38    | 47     | 0       |
| ...Leukemia                                | 5     | 11    | 7     | 12    | 20    | 28    | 26    | 36    | 69     | 0       |
| ...Other malignant neoplasms               | 31    | 61    | 114   | 104   | 128   | 157   | 192   | 204   | 288    | 0       |
| Diabetes mellitus                          | 20    | 21    | 47    | 54    | 61    | 66    | 95    | 90    | 199    | 0       |
| Alzheimer's disease                        | 1     | 0     | 2     | 6     | 10    | 44    | 114   | 242   | 908    | 0       |
| Parkinson's disease                        | 0     | 0     | 2     | 1     | 7     | 20    | 35    | 55    | 100    | 0       |
| Diseases of heart                          | 102   | 190   | 246   | 327   | 343   | 441   | 646   | 1,018 | 3,277  | 1       |
| Essential hypertension                     | 2     | 7     | 9     | 6     | 11    | 24    | 25    | 37    | 160    | 0       |
| Cerebrovascular diseases                   | 22    | 29    | 45    | 68    | 76    | 126   | 187   | 323   | 937    | 0       |
| Influenza and pneumonia                    | 7     | 12    | 24    | 24    | 21    | 38    | 56    | 100   | 333    | 0       |
| Chronic lower respiratory disease          | 15    | 49    | 84    | 121   | 210   | 238   | 297   | 287   | 506    | 0       |
| Pneumonitis due to solids and liquids      | 0     | 4     | 5     | 6     | 9     | 15    | 19    | 45    | 133    | 0       |
| Chronic liver disease and cirrhosis        | 21    | 18    | 20    | 24    | 20    | 22    | 11    | 11    | 10     | 0       |
| Nephritis and nephrosis                    | 10    | 15    | 25    | 36    | 48    | 45    | 64    | 110   | 279    | 0       |
| Perinatal conditions                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0       |
| Congenital anomalies                       | 3     | 6     | 5     | 0     | 3     | 3     | 0     | 0     | 5      | 0       |
| Symptoms and ill-defined conditions        | 1     | 11    | 5     | 9     | 11    | 11    | 19    | 23    | 132    | 0       |
| All other diseases                         | 82    | 125   | 161   | 170   | 258   | 331   | 491   | 727   | 2,401  | 0       |
| Unintentional injuries                     | 74    | 89    | 67    | 35    | 46    | 55    | 73    | 118   | 300    | 0       |
| ...Motor vehicle crashes                   | 12    | 16    | 19    | 9     | 9     | 11    | 13    | 12    | 8      | 0       |
| ...Falls                                   | 2     | 9     | 6     | 3     | 14    | 25    | 34    | 72    | 209    | 0       |
| ...Accidental poisoning                    | 47    | 45    | 24    | 11    | 3     | 1     | 1     | 6     | 1      | 0       |
| ...Other unintentional injuries            | 13    | 19    | 18    | 12    | 20    | 18    | 25    | 28    | 82     | 0       |
| Suicide                                    | 29    | 26    | 23    | 10    | 7     | 5     | 4     | 3     | 5      | 0       |
| Homicide                                   | 6     | 10    | 2     | 3     | 2     | 1     | 2     | 1     | 0      | 0       |
| All other external causes                  | 9     | 8     | 7     | 5     | 6     | 1     | 3     | 4     | 7      | 0       |

**Graph E. Resident Infant Deaths per 1,000 Live Births: Missouri, 1960-2011**



| Year | Infant Deaths | Rate | Year | Infant Deaths | Rate | Year | Infant Deaths | Rate |
|------|---------------|------|------|---------------|------|------|---------------|------|
| 1960 | 2,414         | 24.7 | 1980 | 970           | 12.3 | 2000 | 547           | 7.2  |
| 1965 | 2,060         | 25.4 | 1985 | 784           | 10.2 | 2005 | 588           | 7.5  |
| 1970 | 1,580         | 19.6 | 1990 | 746           | 9.4  | 2006 | 599           | 7.4  |
| 1975 | 1,123         | 16.4 | 1995 | 539           | 7.4  | 2007 | 613           | 7.5  |
|      |               |      |      |               |      | 2008 | 583           | 7.2  |
|      |               |      |      |               |      | 2009 | 564           | 7.2  |
|      |               |      |      |               |      | 2010 | 504           | 6.6  |
|      |               |      |      |               |      | 2011 | 482           | 6.3  |

**Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths  
By County and Cities w/25,000 or More Population: Missouri, 2011**

|                    | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|--------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| <b>State Total</b> | 702              | 482           | 392          | 310             | 172                  | 15              |
| <b>Counties</b>    |                  |               |              |                 |                      |                 |
| Adair              | 2                | 1             | 2            | 0               | 1                    | 0               |
| Andrew             | 3                | 3             | 0            | 3               | 0                    | 0               |
| Atchison           | 1                | 0             | 1            | 0               | 0                    | 0               |
| Audrain            | 2                | 1             | 1            | 1               | 0                    | 0               |
| Barry              | 5                | 5             | 2            | 3               | 2                    | 1               |
| Barton             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Bates              | 1                | 0             | 1            | 0               | 0                    | 0               |
| Benton             | 2                | 0             | 2            | 0               | 0                    | 0               |
| Bollinger          | 3                | 2             | 1            | 2               | 0                    | 0               |
| Boone              | 14               | 9             | 9            | 5               | 4                    | 0               |
| Buchanan           | 15               | 11            | 7            | 8               | 3                    | 0               |
| Butler             | 2                | 2             | 1            | 1               | 1                    | 0               |
| Caldwell           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Callaway           | 6                | 3             | 3            | 3               | 0                    | 0               |
| Camden             | 4                | 3             | 2            | 2               | 1                    | 0               |
| Cape Girardeau     | 8                | 4             | 4            | 4               | 0                    | 0               |
| Carroll            | 1                | 0             | 1            | 0               | 0                    | 0               |
| Carter             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Cass               | 7                | 4             | 5            | 2               | 2                    | 0               |
| Cedar              | 1                | 0             | 1            | 0               | 0                    | 0               |
| Chariton           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Christian          | 5                | 4             | 2            | 3               | 1                    | 0               |
| Clark              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Clay               | 18               | 13            | 11           | 7               | 6                    | 1               |
| Clinton            | 3                | 4             | 1            | 2               | 2                    | 0               |
| Cole               | 11               | 8             | 5            | 6               | 2                    | 0               |
| Cooper             | 0                | 1             | 0            | 0               | 1                    | 1               |
| Crawford           | 1                | 1             | 1            | 0               | 1                    | 0               |
| Dade               | 1                | 0             | 1            | 0               | 0                    | 0               |
| Dallas             | 1                | 0             | 1            | 0               | 0                    | 1               |
| Davies             | 1                | 0             | 1            | 0               | 0                    | 0               |
| DeKalb             | 1                | 0             | 1            | 0               | 0                    | 0               |
| Dent               | 0                | 0             | 0            | 0               | 0                    | 0               |
| Douglas            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Dunklin            | 7                | 4             | 3            | 4               | 0                    | 1               |
| Franklin           | 6                | 8             | 3            | 3               | 5                    | 0               |

|             | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|-------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Gasconade   | 0                | 0             | 0            | 0               | 0                    | 0               |
| Gentry      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Greene      | 28               | 18            | 17           | 11              | 7                    | 0               |
| Grundy      | 1                | 2             | 0            | 1               | 1                    | 0               |
| Harrison    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Henry       | 1                | 2             | 1            | 0               | 2                    | 0               |
| Hickory     | 1                | 1             | 0            | 1               | 0                    | 0               |
| Holt        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Howard      | 1                | 1             | 0            | 1               | 0                    | 0               |
| Howell      | 8                | 3             | 5            | 3               | 0                    | 0               |
| Iron        | 0                | 2             | 0            | 0               | 2                    | 0               |
| Jackson     | 100              | 62            | 56           | 44              | 18                   | 1               |
| Jasper      | 17               | 5             | 15           | 2               | 3                    | 1               |
| Jefferson   | 20               | 17            | 11           | 9               | 8                    | 0               |
| Johnson     | 3                | 4             | 2            | 1               | 3                    | 0               |
| Knox        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Laclede     | 8                | 6             | 2            | 6               | 0                    | 0               |
| Lafayette   | 3                | 3             | 1            | 2               | 1                    | 0               |
| Lawrence    | 5                | 4             | 1            | 4               | 0                    | 0               |
| Lewis       | 2                | 1             | 1            | 1               | 0                    | 0               |
| Lincoln     | 7                | 2             | 5            | 2               | 0                    | 0               |
| Linn        | 1                | 1             | 1            | 0               | 1                    | 0               |
| Livingston  | 0                | 2             | 0            | 0               | 2                    | 0               |
| McDonald    | 4                | 3             | 2            | 2               | 1                    | 0               |
| Macon       | 0                | 0             | 0            | 0               | 0                    | 0               |
| Madison     | 4                | 3             | 1            | 3               | 0                    | 0               |
| Maries      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Marion      | 6                | 7             | 2            | 4               | 3                    | 0               |
| Mercer      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Miller      | 2                | 1             | 2            | 0               | 1                    | 0               |
| Mississippi | 1                | 0             | 1            | 0               | 0                    | 0               |
| Moniteau    | 0                | 1             | 0            | 0               | 1                    | 0               |
| Monroe      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Montgomery  | 1                | 1             | 0            | 1               | 0                    | 0               |
| Morgan      | 3                | 2             | 2            | 1               | 1                    | 1               |
| New Madrid  | 5                | 4             | 4            | 1               | 3                    | 0               |
| Newton      | 4                | 2             | 3            | 1               | 1                    | 0               |
| Nodaway     | 3                | 2             | 1            | 2               | 0                    | 0               |

Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths  
By County and Cities w/25,000 or More Population: Missouri, 2011

|                  | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Oregon           | 1                | 2             | 0            | 1               | 1                    | 0               |
| Osage            | 1                | 2             | 1            | 0               | 2                    | 0               |
| Ozark            | 1                | 0             | 1            | 0               | 0                    | 0               |
| Pemiscot         | 6                | 3             | 4            | 2               | 1                    | 0               |
| Perry            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Pettis           | 4                | 1             | 3            | 1               | 0                    | 1               |
| Phelps           | 6                | 3             | 4            | 2               | 1                    | 0               |
| Pike             | 4                | 2             | 2            | 2               | 0                    | 0               |
| Platte           | 7                | 9             | 4            | 3               | 6                    | 0               |
| Polk             | 3                | 1             | 2            | 1               | 0                    | 0               |
| Pulaski          | 7                | 7             | 5            | 2               | 5                    | 0               |
| Putnam           | 0                | 1             | 0            | 0               | 1                    | 0               |
| Ralls            | 1                | 2             | 0            | 1               | 1                    | 0               |
| Randolph         | 1                | 1             | 0            | 1               | 0                    | 0               |
| Ray              | 3                | 2             | 1            | 2               | 0                    | 0               |
| Reynolds         | 0                | 1             | 0            | 0               | 1                    | 0               |
| Ripley           | 0                | 0             | 0            | 0               | 0                    | 0               |
| St. Charles      | 43               | 22            | 30           | 13              | 9                    | 1               |
| St. Clair        | 1                | 0             | 1            | 0               | 0                    | 0               |
| St. Francois     | 8                | 3             | 6            | 2               | 1                    | 0               |
| Ste. Genevieve   | 1                | 0             | 1            | 0               | 0                    | 0               |
| St. Louis City   | 64               | 52            | 30           | 34              | 18                   | 2               |
| St. Louis County | 132              | 85            | 70           | 62              | 23                   | 1               |
| Saline           | 3                | 2             | 1            | 2               | 0                    | 1               |
| Schuyler         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Scotland         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Scott            | 5                | 3             | 3            | 2               | 1                    | 0               |
| Shannon          | 2                | 1             | 1            | 1               | 0                    | 0               |
| Shelby           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Stoddard         | 3                | 3             | 0            | 3               | 0                    | 1               |
| Stone            | 4                | 1             | 4            | 0               | 1                    | 0               |
| Sullivan         | 1                | 0             | 1            | 0               | 0                    | 0               |
| Taney            | 4                | 6             | 0            | 4               | 2                    | 0               |
| Texas            | 3                | 5             | 2            | 1               | 4                    | 0               |
| Vernon           | 2                | 3             | 0            | 2               | 1                    | 0               |
| Warren           | 2                | 1             | 1            | 1               | 0                    | 0               |
| Washington       | 1                | 0             | 1            | 0               | 0                    | 0               |
| Wayne            | 1                | 1             | 0            | 1               | 0                    | 0               |

|                            | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|----------------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Webster                    | 3                | 1             | 3            | 0               | 1                    | 0               |
| Worth                      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Wright                     | 3                | 3             | 1            | 2               | 1                    | 0               |
| Unknown                    | 0                | 0             | 0            | 0               | 0                    | 0               |
| <u>Cities w/25k Pop.</u>   |                  |               |              |                 |                      |                 |
| Ballwin                    | 3                | 2             | 1            | 2               | 0                    | 0               |
| Blue Springs               | 3                | 1             | 3            | 0               | 1                    | 0               |
| Cape Girardeau             | 4                | 2             | 2            | 2               | 0                    | 0               |
| Chesterfield               | 7                | 4             | 3            | 4               | 0                    | 0               |
| Columbia                   | 10               | 6             | 6            | 4               | 2                    | 0               |
| Florissant                 | 6                | 8             | 2            | 4               | 4                    | 1               |
| Gladstone                  | 0                | 1             | 0            | 0               | 1                    | 0               |
| Hazelwood                  | 1                | 0             | 1            | 0               | 0                    | 0               |
| Independence               | 5                | 4             | 3            | 2               | 2                    | 0               |
| Jefferson City             | 7                | 5             | 3            | 4               | 1                    | 0               |
| Kirkwood                   | 2                | 1             | 1            | 1               | 0                    | 0               |
| Lee's Summit               | 14               | 9             | 7            | 7               | 2                    | 0               |
| Liberty                    | 2                | 1             | 1            | 1               | 0                    | 1               |
| Maryland Heights           | 2                | 3             | 1            | 1               | 2                    | 0               |
| O'Fallon                   | 10               | 5             | 6            | 4               | 1                    | 0               |
| Raytown                    | 3                | 6             | 0            | 3               | 3                    | 0               |
| St. Charles                | 6                | 4             | 3            | 3               | 1                    | 0               |
| St. Joseph                 | 14               | 10            | 6            | 8               | 2                    | 0               |
| St. Louis City             | 64               | 52            | 30           | 34              | 18                   | 2               |
| St. Peters                 | 6                | 4             | 4            | 2               | 2                    | 1               |
| Springfield                | 20               | 11            | 13           | 7               | 4                    | 0               |
| University City            | 11               | 5             | 6            | 5               | 0                    | 0               |
| Wentzville                 | 7                | 4             | 5            | 2               | 2                    | 0               |
| Wildwood                   | 2                | 1             | 1            | 1               | 0                    | 0               |
| <u>Multi-County Cities</u> |                  |               |              |                 |                      |                 |
| Joplin                     | 4                | 1             | 4            | 0               | 1                    | 1               |
| ...Jasper Co. Part         | 4                | 1             | 4            | 0               | 1                    | 1               |
| ...Newton Co. Part         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Kansas City                | 81               | 42            | 51           | 30              | 12                   | 1               |
| ...Jackson Co. Part        | 66               | 35            | 40           | 26              | 9                    | 1               |
| ...Clay Co. Part           | 13               | 7             | 9            | 4               | 3                    | 0               |
| ...Platte Co. Part         | 2                | 0             | 2            | 0               | 0                    | 0               |
| ...Cass Co. Part           | 0                | 0             | 0            | 0               | 0                    | 0               |

**Table 22B. White Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths  
By County and Cities w/25,000 or More Population: Missouri, 2011**

|                    | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|--------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| <b>State Total</b> | 428              | 285           | 249          | 179             | 106                  | 13              |
| <b>Counties</b>    |                  |               |              |                 |                      |                 |
| Adair              | 2                | 1             | 2            | 0               | 1                    | 0               |
| Andrew             | 3                | 3             | 0            | 3               | 0                    | 0               |
| Atchison           | 1                | 0             | 1            | 0               | 0                    | 0               |
| Audrain            | 2                | 1             | 1            | 1               | 0                    | 0               |
| Barry              | 4                | 3             | 2            | 2               | 1                    | 1               |
| Barton             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Bates              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Benton             | 2                | 0             | 2            | 0               | 0                    | 0               |
| Bollinger          | 3                | 2             | 1            | 2               | 0                    | 0               |
| Boone              | 8                | 6             | 6            | 2               | 4                    | 0               |
| Buchanan           | 12               | 9             | 6            | 6               | 3                    | 0               |
| Butler             | 2                | 2             | 1            | 1               | 1                    | 0               |
| Caldwell           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Callaway           | 6                | 3             | 3            | 3               | 0                    | 0               |
| Camden             | 4                | 3             | 2            | 2               | 1                    | 0               |
| Cape Girardeau     | 6                | 3             | 3            | 3               | 0                    | 0               |
| Carroll            | 1                | 0             | 1            | 0               | 0                    | 0               |
| Carter             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Cass               | 5                | 1             | 4            | 1               | 0                    | 0               |
| Cedar              | 1                | 0             | 1            | 0               | 0                    | 0               |
| Chariton           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Christian          | 5                | 4             | 2            | 3               | 1                    | 0               |
| Clark              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Clay               | 12               | 10            | 7            | 5               | 5                    | 1               |
| Clinton            | 3                | 3             | 1            | 2               | 1                    | 0               |
| Cole               | 8                | 4             | 5            | 3               | 1                    | 0               |
| Cooper             | 0                | 1             | 0            | 0               | 1                    | 1               |
| Crawford           | 1                | 1             | 1            | 0               | 1                    | 0               |
| Dade               | 1                | 0             | 1            | 0               | 0                    | 0               |
| Dallas             | 1                | 0             | 1            | 0               | 0                    | 1               |
| Davies             | 1                | 0             | 1            | 0               | 0                    | 0               |
| DeKalb             | 1                | 0             | 1            | 0               | 0                    | 0               |
| Dent               | 0                | 0             | 0            | 0               | 0                    | 0               |
| Douglas            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Dunklin            | 6                | 3             | 3            | 3               | 0                    | 1               |
| Franklin           | 6                | 7             | 3            | 3               | 4                    | 0               |

|             | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|-------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Gasconade   | 0                | 0             | 0            | 0               | 0                    | 0               |
| Gentry      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Greene      | 22               | 13            | 14           | 8               | 5                    | 0               |
| Grundy      | 1                | 2             | 0            | 1               | 1                    | 0               |
| Harrison    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Henry       | 0                | 2             | 0            | 0               | 2                    | 0               |
| Hickory     | 1                | 1             | 0            | 1               | 0                    | 0               |
| Holt        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Howard      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Howell      | 8                | 3             | 5            | 3               | 0                    | 0               |
| Iron        | 0                | 2             | 0            | 0               | 2                    | 0               |
| Jackson     | 42               | 22            | 24           | 18              | 4                    | 1               |
| Jasper      | 10               | 3             | 9            | 1               | 2                    | 1               |
| Jefferson   | 18               | 15            | 10           | 8               | 7                    | 0               |
| Johnson     | 3                | 4             | 2            | 1               | 3                    | 0               |
| Knox        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Laclede     | 8                | 6             | 2            | 6               | 0                    | 0               |
| Lafayette   | 3                | 3             | 1            | 2               | 1                    | 0               |
| Lawrence    | 4                | 3             | 1            | 3               | 0                    | 0               |
| Lewis       | 2                | 1             | 1            | 1               | 0                    | 0               |
| Lincoln     | 7                | 2             | 5            | 2               | 0                    | 0               |
| Linn        | 1                | 1             | 1            | 0               | 1                    | 0               |
| Livingston  | 0                | 2             | 0            | 0               | 2                    | 0               |
| McDonald    | 3                | 3             | 1            | 2               | 1                    | 0               |
| Macon       | 0                | 0             | 0            | 0               | 0                    | 0               |
| Madison     | 4                | 3             | 1            | 3               | 0                    | 0               |
| Maries      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Marion      | 3                | 6             | 0            | 3               | 3                    | 0               |
| Mercer      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Miller      | 2                | 1             | 2            | 0               | 1                    | 0               |
| Mississippi | 1                | 0             | 1            | 0               | 0                    | 0               |
| Moniteau    | 0                | 1             | 0            | 0               | 1                    | 0               |
| Monroe      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Montgomery  | 1                | 1             | 0            | 1               | 0                    | 0               |
| Morgan      | 3                | 2             | 2            | 1               | 1                    | 1               |
| New Madrid  | 2                | 3             | 2            | 0               | 3                    | 0               |
| Newton      | 4                | 2             | 3            | 1               | 1                    | 0               |
| Nodaway     | 3                | 2             | 1            | 2               | 0                    | 0               |

**Table 22B. White Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths  
By County and Cities w/25,000 or More Population: Missouri, 2011**

|                  | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Oregon           | 1                | 2             | 0            | 1               | 1                    | 0               |
| Osage            | 1                | 2             | 1            | 0               | 2                    | 0               |
| Ozark            | 1                | 0             | 1            | 0               | 0                    | 0               |
| Pemiscot         | 3                | 0             | 3            | 0               | 0                    | 0               |
| Perry            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Pettis           | 4                | 1             | 3            | 1               | 0                    | 1               |
| Phelps           | 6                | 3             | 4            | 2               | 1                    | 0               |
| Pike             | 4                | 2             | 2            | 2               | 0                    | 0               |
| Platte           | 3                | 6             | 2            | 1               | 5                    | 0               |
| Polk             | 3                | 1             | 2            | 1               | 0                    | 0               |
| Pulaski          | 6                | 6             | 4            | 2               | 4                    | 0               |
| Putnam           | 0                | 1             | 0            | 0               | 1                    | 0               |
| Ralls            | 1                | 2             | 0            | 1               | 1                    | 0               |
| Randolph         | 1                | 1             | 0            | 1               | 0                    | 0               |
| Ray              | 3                | 2             | 1            | 2               | 0                    | 0               |
| Reynolds         | 0                | 1             | 0            | 0               | 1                    | 0               |
| Ripley           | 0                | 0             | 0            | 0               | 0                    | 0               |
| St. Charles      | 35               | 18            | 22           | 13              | 5                    | 1               |
| St. Clair        | 1                | 0             | 1            | 0               | 0                    | 0               |
| St. Francois     | 8                | 3             | 6            | 2               | 1                    | 0               |
| Ste. Genevieve   | 1                | 0             | 1            | 0               | 0                    | 0               |
| St. Louis City   | 12               | 9             | 5            | 7               | 2                    | 0               |
| St. Louis County | 40               | 19            | 27           | 13              | 6                    | 1               |
| Saline           | 3                | 2             | 1            | 2               | 0                    | 1               |
| Schuyler         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Scotland         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Scott            | 3                | 3             | 1            | 2               | 1                    | 0               |
| Shannon          | 2                | 1             | 1            | 1               | 0                    | 0               |
| Shelby           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Stoddard         | 3                | 3             | 0            | 3               | 0                    | 1               |
| Stone            | 4                | 1             | 4            | 0               | 1                    | 0               |
| Sullivan         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Taney            | 2                | 4             | 0            | 2               | 2                    | 0               |
| Texas            | 2                | 4             | 1            | 1               | 3                    | 0               |
| Vernon           | 2                | 3             | 0            | 2               | 1                    | 0               |
| Warren           | 2                | 1             | 1            | 1               | 0                    | 0               |
| Washington       | 1                | 0             | 1            | 0               | 0                    | 0               |
| Wayne            | 1                | 1             | 0            | 1               | 0                    | 0               |

|                            | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|----------------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Webster                    | 3                | 1             | 3            | 0               | 1                    | 0               |
| Worth                      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Wright                     | 3                | 3             | 1            | 2               | 1                    | 0               |
| Unknown                    | 0                | 0             | 0            | 0               | 0                    | 0               |
| <u>Cities w/25k Pop.</u>   |                  |               |              |                 |                      |                 |
| Ballwin                    | 3                | 2             | 1            | 2               | 0                    | 0               |
| Blue Springs               | 2                | 0             | 2            | 0               | 0                    | 0               |
| Cape Girardeau             | 2                | 1             | 1            | 1               | 0                    | 0               |
| Chesterfield               | 3                | 1             | 2            | 1               | 0                    | 0               |
| Columbia                   | 4                | 3             | 3            | 1               | 2                    | 0               |
| Florissant                 | 3                | 5             | 0            | 3               | 2                    | 1               |
| Gladstone                  | 0                | 1             | 0            | 0               | 1                    | 0               |
| Hazelwood                  | 0                | 0             | 0            | 0               | 0                    | 0               |
| Independence               | 4                | 2             | 2            | 2               | 0                    | 0               |
| Jefferson City             | 4                | 2             | 3            | 1               | 1                    | 0               |
| Kirkwood                   | 0                | 0             | 0            | 0               | 0                    | 0               |
| Lee's Summit               | 7                | 7             | 2            | 5               | 2                    | 0               |
| Liberty                    | 2                | 1             | 1            | 1               | 0                    | 1               |
| Maryland Heights           | 0                | 0             | 0            | 0               | 0                    | 0               |
| O'Fallon                   | 7                | 4             | 3            | 4               | 0                    | 0               |
| Raytown                    | 1                | 2             | 0            | 1               | 1                    | 0               |
| St. Charles                | 4                | 3             | 1            | 3               | 0                    | 0               |
| St. Joseph                 | 11               | 8             | 5            | 6               | 2                    | 0               |
| St. Louis City             | 12               | 9             | 5            | 7               | 2                    | 0               |
| St. Peters                 | 5                | 3             | 3            | 2               | 1                    | 1               |
| Springfield                | 15               | 6             | 11           | 4               | 2                    | 0               |
| University City            | 5                | 0             | 5            | 0               | 0                    | 0               |
| Wentzville                 | 7                | 4             | 5            | 2               | 2                    | 0               |
| Wildwood                   | 2                | 1             | 1            | 1               | 0                    | 0               |
| <u>Multi-County Cities</u> |                  |               |              |                 |                      |                 |
| Joplin                     | 2                | 1             | 2            | 0               | 1                    | 1               |
| ...Jasper Co. Part         | 2                | 1             | 2            | 0               | 1                    | 1               |
| ...Newton Co. Part         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Kansas City                | 31               | 12            | 22           | 9               | 3                    | 1               |
| ...Jackson Co. Part        | 23               | 8             | 16           | 7               | 1                    | 1               |
| ...Clay Co. Part           | 7                | 4             | 5            | 2               | 2                    | 0               |
| ...Platte Co. Part         | 1                | 0             | 1            | 0               | 0                    | 0               |
| ...Cass Co. Part           | 0                | 0             | 0            | 0               | 0                    | 0               |



**Table 22C. Black Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths  
By County and Cities w/25,000 or More Population: Missouri, 2011**

|                    | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|--------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| <b>State Total</b> | 198              | 150           | 99           | 99              | 51                   | 2               |
| <b>Counties</b>    |                  |               |              |                 |                      |                 |
| Adair              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Andrew             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Atchison           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Audrain            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Barry              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Barton             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Bates              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Benton             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Bollinger          | 0                | 0             | 0            | 0               | 0                    | 0               |
| Boone              | 5                | 3             | 2            | 3               | 0                    | 0               |
| Buchanan           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Butler             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Caldwell           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Callaway           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Camden             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Cape Girardeau     | 2                | 1             | 1            | 1               | 0                    | 0               |
| Carroll            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Carter             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Cass               | 1                | 2             | 1            | 0               | 2                    | 0               |
| Cedar              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Chariton           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Christian          | 0                | 0             | 0            | 0               | 0                    | 0               |
| Clark              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Clay               | 1                | 1             | 1            | 0               | 1                    | 0               |
| Clinton            | 0                | 1             | 0            | 0               | 1                    | 0               |
| Cole               | 3                | 4             | 0            | 3               | 1                    | 0               |
| Cooper             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Crawford           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Dade               | 0                | 0             | 0            | 0               | 0                    | 0               |
| Dallas             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Daviess            | 0                | 0             | 0            | 0               | 0                    | 0               |
| DeKalb             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Dent               | 0                | 0             | 0            | 0               | 0                    | 0               |
| Douglas            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Dunklin            | 1                | 1             | 0            | 1               | 0                    | 0               |
| Franklin           | 0                | 1             | 0            | 0               | 1                    | 0               |

|             | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|-------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Gasconade   | 0                | 0             | 0            | 0               | 0                    | 0               |
| Gentry      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Greene      | 1                | 2             | 0            | 1               | 1                    | 0               |
| Grundy      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Harrison    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Henry       | 0                | 0             | 0            | 0               | 0                    | 0               |
| Hickory     | 0                | 0             | 0            | 0               | 0                    | 0               |
| Holt        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Howard      | 1                | 1             | 0            | 1               | 0                    | 0               |
| Howell      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Iron        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Jackson     | 45               | 31            | 24           | 21              | 10                   | 0               |
| Jasper      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Jefferson   | 0                | 0             | 0            | 0               | 0                    | 0               |
| Johnson     | 0                | 0             | 0            | 0               | 0                    | 0               |
| Knox        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Laclede     | 0                | 0             | 0            | 0               | 0                    | 0               |
| Lafayette   | 0                | 0             | 0            | 0               | 0                    | 0               |
| Lawrence    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Lewis       | 0                | 0             | 0            | 0               | 0                    | 0               |
| Lincoln     | 0                | 0             | 0            | 0               | 0                    | 0               |
| Linn        | 0                | 0             | 0            | 0               | 0                    | 0               |
| Livingston  | 0                | 0             | 0            | 0               | 0                    | 0               |
| McDonald    | 1                | 0             | 1            | 0               | 0                    | 0               |
| Macon       | 0                | 0             | 0            | 0               | 0                    | 0               |
| Madison     | 0                | 0             | 0            | 0               | 0                    | 0               |
| Maries      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Marion      | 3                | 1             | 2            | 1               | 0                    | 0               |
| Mercer      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Miller      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Mississippi | 0                | 0             | 0            | 0               | 0                    | 0               |
| Moniteau    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Monroe      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Montgomery  | 0                | 0             | 0            | 0               | 0                    | 0               |
| Morgan      | 0                | 0             | 0            | 0               | 0                    | 0               |
| New Madrid  | 3                | 1             | 2            | 1               | 0                    | 0               |
| Newton      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Nodaway     | 0                | 0             | 0            | 0               | 0                    | 0               |

**Table 22C. Black Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths  
By County and Cities w/25,000 or More Population: Missouri, 2011**

|                  | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Oregon           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Osage            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Ozark            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Pemiscot         | 3                | 3             | 1            | 2               | 1                    | 0               |
| Perry            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Pettis           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Phelps           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Pike             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Platte           | 4                | 2             | 2            | 2               | 0                    | 0               |
| Polk             | 0                | 0             | 0            | 0               | 0                    | 0               |
| Pulaski          | 1                | 0             | 1            | 0               | 0                    | 0               |
| Putnam           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Ralls            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Randolph         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Ray              | 0                | 0             | 0            | 0               | 0                    | 0               |
| Reynolds         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Ripley           | 0                | 0             | 0            | 0               | 0                    | 0               |
| St. Charles      | 2                | 3             | 2            | 0               | 3                    | 0               |
| St. Clair        | 0                | 0             | 0            | 0               | 0                    | 0               |
| St. Francois     | 0                | 0             | 0            | 0               | 0                    | 0               |
| Ste. Genevieve   | 0                | 0             | 0            | 0               | 0                    | 0               |
| St. Louis City   | 48               | 40            | 23           | 25              | 15                   | 2               |
| St. Louis County | 70               | 51            | 34           | 36              | 15                   | 0               |
| Saline           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Schuyler         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Scotland         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Scott            | 2                | 0             | 2            | 0               | 0                    | 0               |
| Shannon          | 0                | 0             | 0            | 0               | 0                    | 0               |
| Shelby           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Stoddard         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Stone            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Sullivan         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Taney            | 1                | 1             | 0            | 1               | 0                    | 0               |
| Texas            | 0                | 0             | 0            | 0               | 0                    | 0               |
| Vernon           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Warren           | 0                | 0             | 0            | 0               | 0                    | 0               |
| Washington       | 0                | 0             | 0            | 0               | 0                    | 0               |
| Wayne            | 0                | 0             | 0            | 0               | 0                    | 0               |

|                            | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
|----------------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
| Webster                    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Worth                      | 0                | 0             | 0            | 0               | 0                    | 0               |
| Wright                     | 0                | 0             | 0            | 0               | 0                    | 0               |
| Unknown                    | 0                | 0             | 0            | 0               | 0                    | 0               |
| <u>Cities w/25k Pop.</u>   |                  |               |              |                 |                      |                 |
| Ballwin                    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Blue Springs               | 0                | 0             | 0            | 0               | 0                    | 0               |
| Cape Girardeau             | 2                | 1             | 1            | 1               | 0                    | 0               |
| Chesterfield               | 0                | 0             | 0            | 0               | 0                    | 0               |
| Columbia                   | 5                | 3             | 2            | 3               | 0                    | 0               |
| Florissant                 | 2                | 2             | 2            | 0               | 2                    | 0               |
| Gladstone                  | 0                | 0             | 0            | 0               | 0                    | 0               |
| Hazelwood                  | 1                | 0             | 1            | 0               | 0                    | 0               |
| Independence               | 1                | 1             | 1            | 0               | 1                    | 0               |
| Jefferson City             | 3                | 3             | 0            | 3               | 0                    | 0               |
| Kirkwood                   | 1                | 1             | 0            | 1               | 0                    | 0               |
| Lee's Summit               | 3                | 1             | 2            | 1               | 0                    | 0               |
| Liberty                    | 0                | 0             | 0            | 0               | 0                    | 0               |
| Maryland Heights           | 1                | 1             | 1            | 0               | 1                    | 0               |
| O'Fallon                   | 1                | 0             | 1            | 0               | 0                    | 0               |
| Raytown                    | 2                | 4             | 0            | 2               | 2                    | 0               |
| St. Charles                | 1                | 1             | 1            | 0               | 1                    | 0               |
| St. Joseph                 | 0                | 0             | 0            | 0               | 0                    | 0               |
| St. Louis City             | 48               | 40            | 23           | 25              | 15                   | 2               |
| St. Peters                 | 0                | 1             | 0            | 0               | 1                    | 0               |
| Springfield                | 1                | 2             | 0            | 1               | 1                    | 0               |
| University City            | 3                | 3             | 0            | 3               | 0                    | 0               |
| Wentzville                 | 0                | 0             | 0            | 0               | 0                    | 0               |
| Wildwood                   | 0                | 0             | 0            | 0               | 0                    | 0               |
| <u>Multi-County Cities</u> |                  |               |              |                 |                      |                 |
| Joplin                     | 0                | 0             | 0            | 0               | 0                    | 0               |
| ...Newton Co. Part         | 0                | 0             | 0            | 0               | 0                    | 0               |
| ...Jasper Co. Part         | 0                | 0             | 0            | 0               | 0                    | 0               |
| Kansas City                | 37               | 23            | 22           | 15              | 8                    | 0               |
| ...Jackson Co. Part        | 35               | 22            | 20           | 15              | 7                    | 0               |
| ...Clay Co. Part           | 1                | 1             | 1            | 0               | 1                    | 0               |
| ...Platte Co. Part         | 1                | 0             | 1            | 0               | 0                    | 0               |
| ...Cass Co. Part           | 0                | 0             | 0            | 0               | 0                    | 0               |

**Table 22D. Resident Perinatal, Infant, Fetal, Neonatal, and Post-Neonatal Deaths  
By Resident BRFSS Region with Rates per 1,000 Live Births: Missouri, 2011**

|                      | <u>Number</u>    |               |              |                 |                      | <u>Rates</u>     |               |              |                 |                      |
|----------------------|------------------|---------------|--------------|-----------------|----------------------|------------------|---------------|--------------|-----------------|----------------------|
|                      | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths |
| <b>BRFSS Regions</b> |                  |               |              |                 |                      |                  |               |              |                 |                      |
| Northeast            | 22               | 22            | 10           | 12              | 10                   | 7.5              | 7.5           | 3.4*         | 4.1*            | 3.4*                 |
| Northwest            | 28               | 20            | 14           | 14              | 6                    | 9.4              | 6.7           | 4.7*         | 4.7*            | 2.0*                 |
| Central              | 71               | 51            | 40           | 31              | 20                   | 8.1              | 5.8           | 4.5          | 3.5             | 2.3                  |
| Southeast            | 72               | 49            | 39           | 33              | 16                   | 10.2             | 6.9           | 5.5          | 4.7             | 2.3*                 |
| Southwest            | 92               | 56            | 58           | 34              | 22                   | 8.1              | 4.9           | 5.1          | 3.0             | 1.9                  |
| St. Louis Metro      | 275              | 187           | 151          | 124             | 63                   | 10.3             | 7.0           | 5.6          | 4.6             | 2.4                  |
| Kansas City Metro    | 142              | 97            | 80           | 62              | 35                   | 8.8              | 6.0           | 5.0          | 3.9             | 2.2                  |
| Metro                | 544              | 362           | 306          | 238             | 124                  | 9.4              | 6.3           | 5.3          | 4.1             | 2.1                  |
| Non-Metro            | 158              | 120           | 86           | 72              | 48                   | 8.6              | 6.5           | 4.7          | 3.9             | 2.6                  |
| <b>State Total</b>   | 702              | 482           | 392          | 310             | 172                  | 9.2              | 6.3           | 5.2          | 4.1             | 2.3                  |

\*-Rate is unstable due to inclusion of fewer than 20 events.

**Table 22E. White Non-Hispanic and Black Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, and Post-Neonatal Deaths By Resident BRFSS Region: Missouri, 2011**

|                      | White Non-Hispanic |               |              |                 |                      | Black Non-Hispanic |                  |               |              |                 |                      |                 |
|----------------------|--------------------|---------------|--------------|-----------------|----------------------|--------------------|------------------|---------------|--------------|-----------------|----------------------|-----------------|
|                      | Perinatal Deaths   | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths    | Perinatal Deaths | Infant Deaths | Fetal Deaths | Neonatal Deaths | Post-Neonatal Deaths | Maternal Deaths |
| <b>BRFSS Regions</b> |                    |               |              |                 |                      |                    |                  |               |              |                 |                      |                 |
| Northeast            | 18                 | 21            | 7            | 11              | 10                   | 1                  | 3                | 1             | 2            | 1               | 0                    | 0               |
| Northwest            | 25                 | 18            | 13           | 12              | 6                    | 0                  | 0                | 0             | 0            | 0               | 0                    | 0               |
| Central              | 60                 | 42            | 36           | 24              | 18                   | 3                  | 10               | 8             | 3            | 7               | 1                    | 0               |
| Southeast            | 60                 | 42            | 32           | 28              | 14                   | 2                  | 11               | 6             | 6            | 5               | 1                    | 0               |
| Southwest            | 73                 | 44            | 47           | 26              | 18                   | 3                  | 3                | 3             | 1            | 2               | 1                    | 0               |
| St. Louis Metro      | 121                | 71            | 74           | 47              | 24                   | 2                  | 120              | 95            | 59           | 61              | 34                   | 2               |
| Kansas City Metro    | 71                 | 47            | 40           | 31              | 16                   | 2                  | 51               | 37            | 28           | 23              | 14                   | 0               |
| Metro                | 290                | 178           | 174          | 116             | 62                   | 6                  | 184              | 143           | 91           | 93              | 50                   | 2               |
| Non-Metro            | 138                | 107           | 75           | 63              | 44                   | 7                  | 14               | 7             | 8            | 6               | 1                    | 0               |
| <b>State Total</b>   | 428                | 285           | 249          | 179             | 106                  | 13                 | 198              | 150           | 99           | 99              | 51                   | 2               |

**Table 23. Resident Infant Deaths and Rates per 1,000 Live Births by Cause of Death by Race and by Age at Death: Missouri, 2011**

|  | Number | Rate | Neonatal Deaths | Post-Neonatal Deaths | Under 1 Hour | Over 1 Hour, < 1 Day | Over 1 Day, < 7 Days | Over 7 Days, < 28 Days | Over 28 Days, < 3 Months | Over 3 Months, < 6 Months | Over 6 Months, < 1 Year |
|--|--------|------|-----------------|----------------------|--------------|----------------------|----------------------|------------------------|--------------------------|---------------------------|-------------------------|
| <u>All Causes</u>                              | 285    | 5.0  | 179             | 106                  | 37           | 67                   | 42                   | 33                     | 58                       | 31                        | 17                      |
| White  | 150    | 13.7 | 99              | 51                   | 18           | 57                   | 18                   | 6                      | 19                       | 24                        | 8                       |
| Black  | 482    | 6.3  | 310             | 172                  | 65           | 136                  | 64                   | 45                     | 79                       | 65                        | 28                      |
| Total  | 8      | 0.1  | 6               | 2                    | 1            | 0                    | 2                    | 3                      | 2                        | 0                         | 0                       |
| <u>Infectious Diseases (A00-B99, P35-P39)</u>  | 7      | 0.6  | 3               | 4                    | 1            | 0                    | 1                    | 1                      | 2                        | 2                         | 0                       |
| White  | 18     | 0.2  | 12              | 6                    | 2            | 1                    | 3                    | 6                      | 4                        | 2                         | 0                       |
| Black  | 2      | 0.0  | 1               | 1                    | 0            | 0                    | 0                    | 1                      | 0                        | 0                         | 1                       |
| Total  | 1      | 0.1  | 0               | 1                    | 0            | 0                    | 0                    | 0                      | 1                        | 0                         | 0                       |
| <u>Nervous System Diseases (G00-G98)</u>       | 4      | 0.1  | 1               | 3                    | 0            | 0                    | 0                    | 1                      | 1                        | 1                         | 1                       |
| White  | 6      | 0.1  | 1               | 5                    | 0            | 0                    | 0                    | 1                      | 1                        | 1                         | 3                       |
| Black  | 2      | 0.2  | 0               | 2                    | 0            | 0                    | 0                    | 0                      | 1                        | 1                         | 0                       |
| Total  | 10     | 0.1  | 1               | 9                    | 0            | 0                    | 0                    | 1                      | 3                        | 2                         | 4                       |
| <u>Circulatory System Diseases (I00-I99)</u>   | 9      | 0.2  | 0               | 9                    | 0            | 0                    | 0                    | 0                      | 6                        | 2                         | 1                       |
| White  | 5      | 0.5  | 0               | 5                    | 0            | 0                    | 0                    | 0                      | 0                        | 0                         | 2                       |
| Black  | 15     | 0.2  | 0               | 15                   | 0            | 0                    | 0                    | 0                      | 6                        | 6                         | 3                       |
| Total  | 110    | 1.9  | 107             | 3                    | 32           | 40                   | 24                   | 11                     | 1                        | 0                         | 2                       |
| <u>Perinatal Conditions (P00-P34, P39-P96)</u> | 84     | 7.7  | 81              | 3                    | 13           | 50                   | 14                   | 4                      | 1                        | 0                         | 2                       |
| White  | 213    | 2.8  | 207             | 6                    | 55           | 95                   | 40                   | 17                     | 2                        | 0                         | 4                       |
| Black  | 79     | 1.4  | 53              | 26                   | 4            | 26                   | 12                   | 11                     | 15                       | 10                        | 1                       |
| Total  | 17     | 1.6  | 13              | 4                    | 4            | 6                    | 2                    | 1                      | 0                        | 3                         | 1                       |
| <u>Congenital Anomalies (Q00-Q99)</u>          | 107    | 1.4  | 74              | 33                   | 8            | 38                   | 14                   | 14                     | 15                       | 16                        | 2                       |
| White  | 16     | 0.3  | 2               | 14                   | 0            | 0                    | 2                    | 0                      | 10                       | 4                         | 0                       |
| Black  | 1      | 0.1  | 0               | 1                    | 0            | 0                    | 0                    | 0                      | 0                        | 1                         | 0                       |
| Total  | 17     | 0.2  | 2               | 15                   | 0            | 0                    | 2                    | 0                      | 10                       | 5                         | 0                       |
| <u>Sudden Infant Death Syndrome (R95)</u>      | 38     | 0.7  | 3               | 35                   | 0            | 0                    | 0                    | 3                      | 16                       | 12                        | 7                       |
| White  | 20     | 1.8  | 0               | 20                   | 0            | 0                    | 0                    | 0                      | 9                        | 10                        | 1                       |
| Black  | 62     | 0.8  | 3               | 59                   | 0            | 0                    | 0                    | 3                      | 26                       | 24                        | 9                       |
| Total  | 2      | 0.0  | 0               | 2                    | 0            | 0                    | 0                    | 0                      | 1                        | 0                         | 1                       |
| <u>Homicide (X85-Y09)</u>                      | 4      | 0.4  | 0               | 4                    | 0            | 0                    | 0                    | 0                      | 0                        | 3                         | 1                       |
| White  | 6      | 0.1  | 0               | 6                    | 0            | 0                    | 0                    | 0                      | 1                        | 3                         | 2                       |
| Black  | 15     | 0.3  | 6               | 9                    | 0            | 1                    | 2                    | 3                      | 6                        | 2                         | 1                       |
| Total  | 9      | 0.8  | 2               | 7                    | 0            | 1                    | 1                    | 0                      | 5                        | 1                         | 1                       |
| <u>All Other Causes</u>                        | 30     | 0.4  | 10              | 20                   | 0            | 2                    | 5                    | 3                      | 11                       | 6                         | 3                       |

**Table 24. Resident Infant Deaths and Rates per 1,000 Live Births by Age of Mother by Birth Order: Missouri, 2011**

|             | Birth Order |     |            |            |             | Rates      |      |            |            |             |
|-------------|-------------|-----|------------|------------|-------------|------------|------|------------|------------|-------------|
|             | All Orders  | 1st | 2nd or 3rd | 4th or 5th | 6th or More | All Orders | 1st  | 2nd or 3rd | 4th or 5th | 6th or More |
| All Ages    | 497         | 124 | 246        | 88         | 39          | 6.5        | 4.8  | 7.1        | 7.5        | 8.8         |
| Under 18    | 24          | 20  | 4          | 0          | 0           | 12.4       | 11.6 | 18.8*      | 0.0*       | 0           |
| 18-19       | 38          | 14  | 23         | 0          | 1           | 7.4        | 3.9* | 15.8       | 0.0*       | 142.8*      |
| 20-24       | 186         | 50  | 108        | 28         | 0           | 9.2        | 6.1  | 11.0       | 14.6       | 0.0*        |
| 25-29       | 131         | 24  | 64         | 28         | 15          | 5.6        | 3.3  | 5.7        | 7.2        | 13.0*       |
| 30-34       | 74          | 12  | 31         | 17         | 14          | 4.2        | 3.3* | 3.5        | 4.6*       | 9.4*        |
| 35-39       | 35          | 4   | 14         | 10         | 7           | 5.2        | 4.1* | 4.8*       | 5.7*       | 6.5*        |
| 40 and Over | 9           | 0   | 2          | 5          | 2           | 6.1*       | 0.0* | 3.7*       | 13.0*      | 5.4*        |

**Table 25. Resident Infant Deaths and Rates per 1,000 Live Births by Birth Weight by Race of Mother: Missouri, 2011**

|                     | Mother's Race |       |       | Rates     |       |       |
|---------------------|---------------|-------|-------|-----------|-------|-------|
|                     | All Races     | White | Black | All Races | White | Black |
| All Weights         | 497           | 294   | 152   | 6.5       | 5.1   | 13.9  |
| Under 500 Grams     | 113           | 44    | 58    | 862.5     | 846.1 | 865.6 |
| 500-999 Grams       | 85            | 43    | 33    | 242.1     | 236.2 | 259.8 |
| 1,000-1,499 Grams   | 24            | 16    | 7     | 42.3      | 46.6* | 41.6* |
| 1,500-1,999 Grams   | 36            | 20    | 10    | 30.8      | 25.3  | 34.8* |
| 2,000-2,499 Grams   | 50            | 35    | 10    | 13.1      | 14.3  | 10.8* |
| 2,500-2,999 Grams   | 52            | 39    | 10    | 3.8       | 4.2   | 3.4*  |
| 3,000-3,499 Grams   | 71            | 54    | 14    | 2.4       | 2.4   | 3.3*  |
| 3,500-3,999 Grams   | 37            | 25    | 7     | 1.7       | 1.4   | 3.7*  |
| 4,000 or More Grams | 9             | 8     | 0     | 1.4*      | 1.5*  | 0.0*  |

\*-Rate is unstable due to inclusion of fewer than 20 events.

**Table 26A. Resident Deaths by Selected Causes of Death by Race and Hispanic Origin  
With Rates per 100,000 Residents: Missouri, 2011**

|  | Total Crude Rate | Total Age-Adjusted Rate | All Races | White, Non-Hisp. | Black, Non-Hisp. | Hispanic, Any Race | Other Races |
|--|------------------|-------------------------|-----------|------------------|------------------|--------------------|-------------|
| All causes                                 | 925.0            | 808.1                   | 55,599    | 49,364           | 5,338            | 340                | 508         |
| Enterocolitis due to Clostridium difficile | 3.4              | 3.0                     | 206       | 189              | 16               | 0                  | 1           |
| Septicemia                                 | 13.2             | 11.6                    | 794       | 684              | 97               | 4                  | 8           |
| HIV / AIDS                                 | 1.3              | 1.3                     | 80        | 45               | 29               | 4                  | 2           |
| Malignant neoplasms                        | 206.3            | 178.3                   | 12,403    | 11,029           | 1,201            | 58                 | 110         |
| ...Colon, rectum, and anus                 | 18.2             | 15.8                    | 1,096     | 972              | 109              | 2                  | 12          |
| ...Pancreas                                | 12.7             | 10.9                    | 764       | 679              | 76               | 1                  | 8           |
| ...Trachea, bronchus, and lung             | 63.5             | 54.8                    | 3,819     | 3,435            | 339              | 15                 | 28          |
| ...Breast                                  | 15.0             | 13.0                    | 901       | 755              | 127              | 5                  | 13          |
| ...Cervix uteri, corpus uteri, and ovary   | 8.8              | 7.6                     | 531       | 458              | 65               | 3                  | 5           |
| ...Prostate                                | 8.4              | 7.3                     | 505       | 429              | 69               | 5                  | 2           |
| ...Urinary tract                           | 10.5             | 9.0                     | 630       | 586              | 36               | 0                  | 7           |
| ...Non-Hodgkin's lymphoma                  | 6.7              | 5.9                     | 405       | 372              | 26               | 5                  | 2           |
| ...Leukemia                                | 8.3              | 7.2                     | 498       | 459              | 35               | 3                  | 1           |
| ...Other malignant neoplasms               | 54.1             | 46.8                    | 3,254     | 2,884            | 319              | 19                 | 32          |
| Diabetes mellitus                          | 23.6             | 20.6                    | 1,421     | 1,170            | 224              | 10                 | 16          |
| Alzheimer's disease                        | 31.9             | 27.2                    | 1,916     | 1,799            | 96               | 7                  | 12          |
| Parkinson's disease                        | 8.4              | 7.4                     | 505       | 486              | 14               | 2                  | 3           |
| Diseases of heart                          | 228.7            | 196.4                   | 13,746    | 12,307           | 1,261            | 59                 | 100         |
| Essential hypertension                     | 7.6              | 6.5                     | 458       | 373              | 80               | 1                  | 4           |
| Cerebrovascular diseases                   | 50.1             | 43.1                    | 3,010     | 2,666            | 288              | 20                 | 36          |
| Influenza and pneumonia                    | 20.0             | 17.1                    | 1,200     | 1,124            | 63               | 6                  | 6           |
| Chronic lower respiratory disease          | 57.9             | 50.4                    | 3,483     | 3,279            | 177              | 8                  | 17          |
| Pneumonitis due to solids and liquids      | 8.4              | 7.2                     | 506       | 472              | 29               | 3                  | 1           |
| Chronic liver disease and cirrhosis        | 8.6              | 7.5                     | 514       | 450              | 46               | 5                  | 12          |
| Nephritis and nephrosis                    | 20.8             | 18.0                    | 1,251     | 1,037            | 192              | 10                 | 11          |
| Conditions orig. in perinatal period       | 3.7              | 4.0                     | 224       | 116              | 87               | 10                 | 9           |
| Congenital anomalies                       | 3.4              | 3.5                     | 206       | 161              | 31               | 4                  | 9           |
| Symptoms and ill-defined conditions        | 7.0              | 6.2                     | 421       | 374              | 32               | 5                  | 6           |
| All other diseases                         | 142.9            | 123.7                   | 8,591     | 7,700            | 767              | 54                 | 68          |
| Unintentional injuries                     | 52.9             | 50.6                    | 3,179     | 2,782            | 289              | 52                 | 52          |
| ...Motor vehicle crashes                   | 13.8             | 13.6                    | 830       | 699              | 83               | 22                 | 24          |
| ...Falls                                   | 11.5             | 9.9                     | 690       | 648              | 28               | 7                  | 6           |
| ...Accidental poisoning                    | 14.2             | 14.6                    | 856       | 738              | 101              | 11                 | 6           |
| ...Other unintentional injuries            | 13.4             | 12.4                    | 803       | 697              | 77               | 12                 | 16          |
| Suicide                                    | 15.3             | 15.1                    | 921       | 847              | 51               | 8                  | 13          |
| Homicide                                   | 6.9              | 7.2                     | 416       | 158              | 243              | 7                  | 8           |
| All other external causes                  | 2.5              | 2.3                     | 148       | 116              | 25               | 3                  | 4           |

Table 26B. Resident Deaths by Selected Causes of Death by BRFSS Region and Metro vs Non-Metro Area: Missouri, 2011

|  | BRFSS Region |             |           |           |           |           |           |        |           |  |
|--|--------------|-------------|-----------|-----------|-----------|-----------|-----------|--------|-----------|--|
|  | Central      | Kansas City | Northeast | Northwest | St. Louis | Southeast | Southwest | Metro  | Non-Metro |  |
| All causes                                 | 6,322        | 10,014      | 2,805     | 2,435     | 18,229    | 6,821     | 8,971     | 38,360 | 17,237    |  |
| Enterocolitis due to Clostridium difficile | 16           | 50          | 6         | 6         | 67        | 20        | 41        | 151    | 55        |  |
| Septicemia                                 | 87           | 134         | 39        | 27        | 298       | 91        | 118       | 558    | 236       |  |
| HIV / AIDS                                 | 2            | 28          | 1         | 1         | 29        | 7         | 12        | 69     | 11        |  |
| Malignant neoplasms                        | 1,368        | 2,270       | 656       | 533       | 4,155     | 1,501     | 1,920     | 8,578  | 3,825     |  |
| ...Colon, rectum, and anus                 | 123          | 196         | 61        | 54        | 378       | 132       | 152       | 743    | 353       |  |
| ...Pancreas                                | 105          | 142         | 35        | 38        | 258       | 73        | 113       | 538    | 226       |  |
| ...Trachea, bronchus, and lung             | 419          | 675         | 206       | 155       | 1,238     | 532       | 594       | 2,558  | 1,261     |  |
| ...Breast                                  | 105          | 167         | 47        | 33        | 318       | 103       | 128       | 637    | 264       |  |
| ...Cervix uteri, corpus uteri, and ovary   | 57           | 96          | 26        | 19        | 205       | 53        | 75        | 402    | 129       |  |
| ...Prostate                                | 65           | 85          | 29        | 29        | 170       | 46        | 81        | 347    | 158       |  |
| ...Urinary tract                           | 65           | 116         | 33        | 34        | 200       | 75        | 107       | 431    | 199       |  |
| ...Non-Hodgkin's lymphoma                  | 43           | 79          | 28        | 16        | 125       | 46        | 68        | 278    | 127       |  |
| ...Leukemia                                | 39           | 107         | 30        | 22        | 182       | 47        | 71        | 367    | 131       |  |
| ...Other malignant neoplasms               | 347          | 607         | 161       | 133       | 1,081     | 394       | 531       | 2,277  | 977       |  |
| Diabetes mellitus                          | 193          | 244         | 66        | 80        | 480       | 181       | 177       | 957    | 464       |  |
| Alzheimer's disease                        | 226          | 353         | 92        | 65        | 492       | 324       | 364       | 1,235  | 681       |  |
| Parkinson's disease                        | 48           | 120         | 21        | 18        | 164       | 55        | 79        | 382    | 123       |  |
| Diseases of heart                          | 1,563        | 2,119       | 739       | 632       | 4,632     | 1,789     | 2,272     | 9,239  | 4,507     |  |
| Essential hypertension                     | 86           | 96          | 19        | 14        | 129       | 41        | 73        | 324    | 134       |  |
| Cerebrovascular diseases                   | 343          | 518         | 165       | 148       | 1,002     | 346       | 488       | 2,062  | 948       |  |
| Influenza and pneumonia                    | 159          | 158         | 73        | 53        | 404       | 139       | 214       | 802    | 398       |  |
| Chronic lower respiratory disease          | 421          | 679         | 178       | 181       | 900       | 565       | 559       | 2,221  | 1,262     |  |
| Pneumonitis due to solids and liquids      | 59           | 92          | 35        | 39        | 182       | 41        | 58        | 349    | 157       |  |
| Chronic liver disease and cirrhosis        | 61           | 105         | 17        | 24        | 165       | 53        | 89        | 359    | 155       |  |
| Nephritis and nephrosis                    | 128          | 273         | 76        | 37        | 358       | 180       | 199       | 838    | 413       |  |
| Conditions orig. in perinatal period       | 19           | 43          | 6         | 10        | 98        | 22        | 26        | 181    | 43        |  |
| Congenital anomalies                       | 26           | 41          | 12        | 7         | 72        | 24        | 24        | 142    | 64        |  |
| Symptoms and ill-defined conditions        | 36           | 71          | 18        | 36        | 92        | 53        | 113       | 279    | 140       |  |
| All other diseases                         | 951          | 1,755       | 389       | 354       | 2,925     | 897       | 1,320     | 6,251  | 2,340     |  |
| Unintentional injuries                     | 382          | 526         | 138       | 118       | 1,041     | 348       | 626       | 2,253  | 926       |  |
| ...Motor vehicle crashes                   | 116          | 142         | 42        | 35        | 216       | 127       | 152       | 507    | 323       |  |
| ...Falls                                   | 77           | 137         | 34        | 19        | 288       | 56        | 79        | 523    | 167       |  |
| ...Accidental poisoning                    | 93           | 142         | 21        | 23        | 362       | 77        | 138       | 655    | 201       |  |
| ...Other unintentional injuries            | 96           | 105         | 41        | 41        | 175       | 88        | 257       | 568    | 235       |  |
| Suicide                                    | 107          | 192         | 39        | 39        | 299       | 95        | 150       | 666    | 255       |  |
| Homicide                                   | 31           | 135         | 5         | 10        | 185       | 24        | 26        | 360    | 56        |  |
| All other external causes                  | 10           | 12          | 15        | 3         | 60        | 25        | 23        | 104    | 44        |  |



Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Adair | Andrew | Atchison | Audrain | Barry | Barton | Bates |
|--|-------|--------|----------|---------|-------|--------|-------|
| All causes                                 | 209   | 159    | 88       | 268     | 389   | 127    | 214   |
| Enterocolitis due to Clostridium difficile | 0     | 1      | 0        | 1       | 1     | 2      | 1     |
| Septicemia                                 | 5     | 2      | 1        | 4       | 2     | 3      | 1     |
| HIV / AIDS                                 | 0     | 0      | 0        | 0       | 0     | 0      | 0     |
| Malignant neoplasms                        | 48    | 39     | 20       | 61      | 80    | 29     | 42    |
| ...Colon, rectum, and anus                 | 2     | 5      | 2        | 8       | 8     | 7      | 5     |
| ...Pancreas                                | 1     | 2      | 2        | 3       | 3     | 1      | 2     |
| ...Trachea, bronchus, and lung             | 13    | 9      | 4        | 19      | 31    | 10     | 11    |
| ...Breast                                  | 7     | 1      | 2        | 4       | 5     | 2      | 2     |
| ...Cervix uteri, corpus uteri, and ovary   | 2     | 2      | 1        | 4       | 0     | 0      | 1     |
| ...Prostate                                | 1     | 3      | 0        | 2       | 1     | 0      | 3     |
| ...Urinary tract                           | 1     | 2      | 2        | 5       | 4     | 0      | 3     |
| ...Non-Hodgkin's lymphoma                  | 1     | 2      | 2        | 1       | 5     | 0      | 1     |
| ...Leukemia                                | 2     | 4      | 0        | 0       | 3     | 0      | 0     |
| ...Other malignant neoplasms               | 18    | 9      | 5        | 15      | 20    | 9      | 14    |
| Diabetes mellitus                          | 6     | 3      | 4        | 13      | 7     | 8      | 5     |
| Alzheimer's disease                        | 7     | 2      | 3        | 5       | 20    | 4      | 8     |
| Parkinson's disease                        | 3     | 0      | 0        | 5       | 4     | 0      | 2     |
| Diseases of heart                          | 43    | 47     | 20       | 51      | 106   | 33     | 54    |
| Essential hypertension                     | 0     | 1      | 1        | 6       | 2     | 1      | 1     |
| Cerebrovascular diseases                   | 15    | 4      | 0        | 17      | 24    | 11     | 16    |
| Influenza and pneumonia                    | 4     | 1      | 6        | 7       | 8     | 7      | 3     |
| Chronic lower respiratory disease          | 10    | 14     | 8        | 16      | 26    | 3      | 19    |
| Pneumonitis due to solids and liquids      | 3     | 2      | 1        | 2       | 3     | 0      | 2     |
| Chronic liver disease and cirrhosis        | 3     | 2      | 1        | 1       | 4     | 0      | 1     |
| Nephritis and nephrosis                    | 7     | 0      | 2        | 4       | 8     | 1      | 9     |
| Conditions orig. in perinatal period       | 0     | 3      | 0        | 0       | 3     | 0      | 0     |
| Congenital anomalies                       | 1     | 0      | 0        | 2       | 0     | 0      | 0     |
| Symptoms and ill-defined conditions        | 0     | 5      | 2        | 3       | 5     | 1      | 1     |
| All other diseases                         | 34    | 24     | 14       | 55      | 51    | 13     | 29    |
| Unintentional injuries                     | 11    | 8      | 4        | 10      | 27    | 8      | 15    |
| ...Motor vehicle crashes                   | 1     | 0      | 2        | 5       | 7     | 1      | 8     |
| ...Falls                                   | 3     | 1      | 0        | 2       | 6     | 2      | 2     |
| ...Accidental poisoning                    | 3     | 1      | 0        | 0       | 5     | 3      | 5     |
| ...Other unintentional injuries            | 4     | 6      | 2        | 3       | 9     | 2      | 0     |
| Suicide                                    | 3     | 1      | 1        | 4       | 6     | 3      | 3     |
| Homicide                                   | 0     | 0      | 0        | 1       | 0     | 0      | 2     |
| All other external causes                  | 6     | 0      | 0        | 0       | 2     | 0      | 0     |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Benton | Bollinger | Boone | Buchanan | Butler | Caldwell | Callaway |
|--|--------|-----------|-------|----------|--------|----------|----------|
| All causes                                 | 253    | 120       | 980   | 982      | 560    | 92       | 365      |
| Enterocolitis due to Clostridium difficile | 0      | 0         | 3     | 4        | 2      | 0        | 0        |
| Septicemia                                 | 0      | 0         | 16    | 7        | 7      | 0        | 4        |
| HIV / AIDS                                 | 0      | 0         | 1     | 0        | 1      | 0        | 0        |
| Malignant neoplasms                        | 59     | 32        | 221   | 203      | 131    | 27       | 87       |
| ...Colon, rectum, and anus                 | 5      | 2         | 20    | 19       | 14     | 1        | 7        |
| ...Pancreas                                | 11     | 2         | 15    | 14       | 8      | 3        | 9        |
| ...Trachea, bronchus, and lung             | 14     | 14        | 56    | 66       | 48     | 12       | 28       |
| ...Breast                                  | 5      | 3         | 16    | 11       | 6      | 1        | 8        |
| ...Cervix uteri, corpus uteri, and ovary   | 0      | 2         | 16    | 7        | 2      | 0        | 4        |
| ...Prostate                                | 2      | 1         | 9     | 9        | 1      | 2        | 5        |
| ...Urinary tract                           | 3      | 1         | 6     | 15       | 5      | 0        | 6        |
| ...Non-Hodgkin's lymphoma                  | 0      | 0         | 5     | 5        | 2      | 1        | 1        |
| ...Leukemia                                | 1      | 0         | 10    | 9        | 5      | 1        | 1        |
| ...Other malignant neoplasms               | 18     | 7         | 68    | 48       | 40     | 6        | 18       |
| Diabetes mellitus                          | 10     | 3         | 29    | 48       | 25     | 1        | 9        |
| Alzheimer's disease                        | 8      | 7         | 35    | 32       | 34     | 5        | 7        |
| Parkinson's disease                        | 1      | 0         | 8     | 8        | 4      | 0        | 0        |
| Diseases of heart                          | 58     | 32        | 191   | 242      | 119    | 18       | 78       |
| Essential hypertension                     | 3      | 1         | 10    | 9        | 3      | 2        | 1        |
| Cerebrovascular diseases                   | 22     | 6         | 65    | 72       | 36     | 2        | 17       |
| Influenza and pneumonia                    | 2      | 2         | 23    | 22       | 13     | 3        | 7        |
| Chronic lower respiratory disease          | 21     | 11        | 52    | 71       | 46     | 4        | 31       |
| Pneumonitis due to solids and liquids      | 3      | 0         | 11    | 4        | 1      | 1        | 5        |
| Chronic liver disease and cirrhosis        | 6      | 0         | 7     | 10       | 2      | 0        | 2        |
| Nephritis and nephrosis                    | 7      | 4         | 22    | 14       | 22     | 5        | 5        |
| Conditions orig. in perinatal period       | 0      | 1         | 4     | 5        | 1      | 0        | 3        |
| Congenital anomalies                       | 1      | 1         | 3     | 5        | 0      | 0        | 0        |
| Symptoms and ill-defined conditions        | 1      | 5         | 0     | 11       | 3      | 0        | 2        |
| All other diseases                         | 31     | 7         | 182   | 152      | 64     | 13       | 69       |
| Unintentional injuries                     | 15     | 6         | 68    | 42       | 33     | 10       | 22       |
| ...Motor vehicle crashes                   | 7      | 2         | 12    | 10       | 6      | 7        | 6        |
| ...Falls                                   | 3      | 1         | 18    | 8        | 3      | 1        | 2        |
| ...Accidental poisoning                    | 3      | 0         | 23    | 8        | 15     | 2        | 5        |
| ...Other unintentional injuries            | 2      | 3         | 15    | 16       | 9      | 0        | 9        |
| Suicide                                    | 4      | 1         | 23    | 14       | 6      | 1        | 10       |
| Homicide                                   | 0      | 0         | 4     | 5        | 3      | 0        | 4        |
| All other external causes                  | 1      | 1         | 2     | 2        | 4      | 0        | 2        |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Camden | Cape Girardeau | Carroll | Carter | Cass | Cedar | Chariton |
|--|--------|----------------|---------|--------|------|-------|----------|
| All causes                                 | 441    | 750            | 1116    | 92     | 817  | 167   | 90       |
| Enterocolitis due to Clostridium difficile | 1      | 0              | 0       | 1      | 1    | 1     | 0        |
| Septicemia                                 | 8      | 9              | 0       | 1      | 8    | 1     | 0        |
| HIV / AIDS                                 | 0      | 0              | 0       | 0      | 0    | 0     | 0        |
| Malignant neoplasms                        | 98     | 152            | 26      | 24     | 185  | 38    | 21       |
| ...Colon, rectum, and anus                 | 10     | 10             | 3       | 0      | 15   | 2     | 2        |
| ...Pancreas                                | 10     | 5              | 3       | 0      | 15   | 0     | 0        |
| ...Trachea, bronchus, and lung             | 26     | 49             | 8       | 11     | 60   | 13    | 4        |
| ...Breast                                  | 9      | 19             | 2       | 3      | 12   | 1     | 1        |
| ...Cervix uteri, corpus uteri, and ovary   | 4      | 9              | 0       | 0      | 12   | 2     | 3        |
| ...Prostate                                | 2      | 3              | 1       | 0      | 6    | 2     | 0        |
| ...Urinary tract                           | 11     | 4              | 0       | 2      | 6    | 5     | 1        |
| ...Non-Hodgkin's lymphoma                  | 4      | 6              | 1       | 0      | 7    | 2     | 0        |
| ...Leukemia                                | 3      | 4              | 0       | 1      | 11   | 1     | 1        |
| ...Other malignant neoplasms               | 19     | 43             | 8       | 7      | 41   | 10    | 9        |
| Diabetes mellitus                          | 8      | 13             | 1       | 2      | 18   | 3     | 4        |
| Alzheimer's disease                        | 15     | 41             | 0       | 3      | 47   | 4     | 1        |
| Parkinson's disease                        | 1      | 14             | 2       | 1      | 6    | 2     | 0        |
| Diseases of heart                          | 138    | 197            | 38      | 14     | 160  | 37    | 30       |
| Essential hypertension                     | 1      | 3              | 0       | 0      | 11   | 1     | 1        |
| Cerebrovascular diseases                   | 18     | 40             | 4       | 6      | 40   | 10    | 6        |
| Influenza and pneumonia                    | 5      | 19             | 2       | 1      | 15   | 5     | 1        |
| Chronic lower respiratory disease          | 36     | 51             | 10      | 12     | 58   | 9     | 6        |
| Pneumonitis due to solids and liquids      | 0      | 1              | 1       | 0      | 9    | 1     | 1        |
| Chronic liver disease and cirrhosis        | 8      | 3              | 0       | 0      | 8    | 3     | 0        |
| Nephritis and nephrosis                    | 10     | 23             | 1       | 3      | 24   | 1     | 0        |
| Conditions orig. in perinatal period       | 2      | 4              | 0       | 0      | 1    | 0     | 0        |
| Congenital anomalies                       | 2      | 2              | 0       | 0      | 3    | 0     | 1        |
| Symptoms and ill-defined conditions        | 2      | 8              | 2       | 1      | 5    | 2     | 0        |
| All other diseases                         | 54     | 127            | 16      | 16     | 160  | 39    | 13       |
| Unintentional injuries                     | 29     | 23             | 7       | 6      | 43   | 6     | 4        |
| ...Motor vehicle crashes                   | 6      | 8              | 2       | 2      | 10   | 1     | 0        |
| ...Falls                                   | 8      | 5              | 3       | 1      | 12   | 0     | 1        |
| ...Accidental poisoning                    | 7      | 6              | 2       | 2      | 16   | 5     | 1        |
| ...Other unintentional injuries            | 8      | 4              | 0       | 1      | 5    | 0     | 2        |
| Suicide                                    | 4      | 12             | 3       | 1      | 10   | 4     | 1        |
| Homicide                                   | 0      | 2              | 2       | 0      | 5    | 0     | 0        |
| All other external causes                  | 1      | 6              | 1       | 0      | 0    | 0     | 0        |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Christian | Clark | Clay  | Clinton | Cole | Cooper | Crawford |
|--|-----------|-------|-------|---------|------|--------|----------|
| All causes                                 | 504       | 81    | 1,535 | 254     | 593  | 209    | 298      |
| Enterocolitis due to Clostridium difficile | 2         | 0     | 11    | 1       | 1    | 0      | 1        |
| Septicemia                                 | 4         | 1     | 13    | 1       | 6    | 0      | 4        |
| HIV / AIDS                                 | 0         | 0     | 2     | 0       | 0    | 0      | 0        |
| Malignant neoplasms                        | 117       | 21    | 352   | 55      | 150  | 34     | 57       |
| ...Colon, rectum, and anus                 | 14        | 2     | 25    | 12      | 12   | 3      | 7        |
| ...Pancreas                                | 10        | 1     | 21    | 1       | 12   | 9      | 5        |
| ...Trachea, bronchus, and lung             | 24        | 6     | 106   | 15      | 45   | 7      | 21       |
| ...Breast                                  | 8         | 1     | 31    | 2       | 10   | 3      | 3        |
| ...Cervix uteri, corpus uteri, and ovary   | 4         | 0     | 18    | 2       | 10   | 0      | 2        |
| ...Prostate                                | 6         | 3     | 15    | 1       | 6    | 1      | 2        |
| ...Urinary tract                           | 8         | 0     | 20    | 6       | 9    | 4      | 2        |
| ...Non-Hodgkin's lymphoma                  | 8         | 0     | 7     | 2       | 5    | 2      | 0        |
| ...Leukemia                                | 3         | 0     | 22    | 1       | 5    | 1      | 1        |
| ...Other malignant neoplasms               | 32        | 8     | 87    | 13      | 36   | 4      | 14       |
| Diabetes mellitus                          | 9         | 1     | 34    | 7       | 18   | 3      | 6        |
| Alzheimer's disease                        | 24        | 2     | 52    | 12      | 30   | 3      | 14       |
| Parkinson's disease                        | 7         | 0     | 27    | 3       | 6    | 0      | 2        |
| Diseases of heart                          | 114       | 19    | 293   | 55      | 112  | 61     | 95       |
| Essential hypertension                     | 3         | 0     | 15    | 2       | 7    | 2      | 1        |
| Cerebrovascular diseases                   | 35        | 6     | 102   | 5       | 30   | 16     | 11       |
| Influenza and pneumonia                    | 11        | 4     | 32    | 3       | 10   | 6      | 10       |
| Chronic lower respiratory disease          | 35        | 6     | 120   | 20      | 42   | 16     | 14       |
| Pneumonitis due to solids and liquids      | 2         | 0     | 22    | 1       | 7    | 4      | 4        |
| Chronic liver disease and cirrhosis        | 7         | 0     | 26    | 3       | 9    | 3      | 3        |
| Nephritis and nephrosis                    | 12        | 2     | 32    | 6       | 11   | 6      | 9        |
| Conditions orig. in perinatal period       | 1         | 0     | 5     | 0       | 3    | 0      | 0        |
| Congenital anomalies                       | 2         | 0     | 3     | 1       | 3    | 0      | 2        |
| Symptoms and ill-defined conditions        | 10        | 2     | 12    | 1       | 2    | 2      | 1        |
| All other diseases                         | 64        | 8     | 262   | 61      | 106  | 43     | 37       |
| Unintentional injuries                     | 29        | 7     | 81    | 11      | 26   | 10     | 21       |
| ...Motor vehicle crashes                   | 9         | 3     | 16    | 7       | 6    | 4      | 9        |
| ...Falls                                   | 3         | 0     | 35    | 2       | 4    | 2      | 4        |
| ...Accidental poisoning                    | 10        | 2     | 17    | 1       | 6    | 0      | 6        |
| ...Other unintentional injuries            | 7         | 2     | 13    | 1       | 10   | 4      | 2        |
| Suicide                                    | 13        | 2     | 28    | 3       | 11   | 0      | 6        |
| Homicide                                   | 2         | 0     | 10    | 2       | 1    | 0      | 0        |
| All other external causes                  | 1         | 0     | 1     | 1       | 2    | 0      | 0        |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Dade | Dallas | Davies | DeKalb | Dent | Douglas | Dunklin |
|--|------|--------|--------|--------|------|---------|---------|
| All causes                                 | 107  | 149    | 84     | 117    | 185  | 163     | 433     |
| Enterocolitis due to Clostridium difficile | 0    | 0      | 1      | 0      | 0    | 0       | 2       |
| Septicemia                                 | 0    | 3      | 0      | 0      | 2    | 2       | 5       |
| HIV / AIDS                                 | 0    | 0      | 0      | 0      | 0    | 0       | 2       |
| Malignant neoplasms                        | 24   | 32     | 27     | 18     | 33   | 37      | 87      |
| ...Colon, rectum, and anus                 | 2    | 4      | 3      | 3      | 4    | 4       | 8       |
| ...Pancreas                                | 1    | 3      | 0      | 2      | 4    | 2       | 2       |
| ...Trachea, bronchus, and lung             | 8    | 5      | 6      | 3      | 11   | 11      | 39      |
| ...Breast                                  | 4    | 1      | 3      | 1      | 3    | 1       | 3       |
| ...Cervix uteri, corpus uteri, and ovary   | 1    | 2      | 0      | 0      | 1    | 2       | 5       |
| ...Prostate                                | 1    | 2      | 1      | 1      | 1    | 1       | 2       |
| ...Urinary tract                           | 1    | 2      | 2      | 2      | 0    | 1       | 1       |
| ...Non-Hodgkin's lymphoma                  | 0    | 1      | 0      | 1      | 2    | 5       | 2       |
| ...Leukemia                                | 0    | 0      | 2      | 0      | 1    | 0       | 2       |
| ...Other malignant neoplasms               | 6    | 12     | 10     | 5      | 6    | 10      | 23      |
| Diabetes mellitus                          | 7    | 8      | 0      | 5      | 6    | 4       | 10      |
| Alzheimer's disease                        | 5    | 6      | 1      | 0      | 7    | 16      | 21      |
| Parkinson's disease                        | 0    | 0      | 0      | 1      | 2    | 1       | 2       |
| Diseases of heart                          | 20   | 41     | 23     | 39     | 44   | 33      | 105     |
| Essential hypertension                     | 2    | 2      | 0      | 0      | 2    | 2       | 2       |
| Cerebrovascular diseases                   | 2    | 6      | 9      | 6      | 13   | 4       | 25      |
| Influenza and pneumonia                    | 6    | 3      | 0      | 5      | 3    | 4       | 6       |
| Chronic lower respiratory disease          | 5    | 8      | 5      | 12     | 17   | 24      | 44      |
| Pneumonitis due to solids and liquids      | 1    | 0      | 0      | 1      | 4    | 0       | 3       |
| Chronic liver disease and cirrhosis        | 1    | 2      | 1      | 0      | 0    | 1       | 6       |
| Nephritis and nephrosis                    | 1    | 4      | 0      | 2      | 4    | 4       | 5       |
| Conditions orig. in perinatal period       | 0    | 0      | 0      | 0      | 0    | 0       | 3       |
| Congenital anomalies                       | 0    | 0      | 0      | 0      | 0    | 0       | 3       |
| Symptoms and ill-defined conditions        | 3    | 0      | 0      | 0      | 3    | 0       | 6       |
| All other diseases                         | 24   | 22     | 10     | 21     | 27   | 20      | 62      |
| Unintentional injuries                     | 4    | 9      | 4      | 6      | 12   | 10      | 23      |
| ...Motor vehicle crashes                   | 1    | 1      | 1      | 1      | 6    | 5       | 7       |
| ...Falls                                   | 0    | 1      | 1      | 0      | 4    | 0       | 5       |
| ...Accidental poisoning                    | 2    | 2      | 0      | 4      | 1    | 0       | 5       |
| ...Other unintentional injuries            | 1    | 5      | 2      | 1      | 1    | 5       | 6       |
| Suicide                                    | 1    | 3      | 3      | 1      | 2    | 1       | 9       |
| Homicide                                   | 1    | 0      | 0      | 0      | 4    | 0       | 2       |
| All other external causes                  | 0    | 0      | 0      | 0      | 0    | 0       | 0       |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Franklin | Gasconade | Gentry | Greene | Grundy | Harrison | Henry |
|--|----------|-----------|--------|--------|--------|----------|-------|
| All causes                                 | 1,000    | 218       | 74     | 2,533  | 126    | 118      | 312   |
| Enterocolitis due to Clostridium difficile | 2        | 2         | 0      | 10     | 1      | 0        | 1     |
| Septicemia                                 | 17       | 5         | 1      | 27     | 2      | 1        | 0     |
| HIV / AIDS                                 | 1        | 0         | 0      | 7      | 0      | 1        | 0     |
| Malignant neoplasms                        | 244      | 37        | 17     | 537    | 35     | 20       | 80    |
| ...Colon, rectum, and anus                 | 26       | 2         | 2      | 31     | 4      | 3        | 7     |
| ...Pancreas                                | 11       | 1         | 2      | 28     | 3      | 2        | 3     |
| ...Trachea, bronchus, and lung             | 74       | 11        | 2      | 158    | 9      | 8        | 29    |
| ...Breast                                  | 13       | 2         | 1      | 39     | 3      | 1        | 7     |
| ...Cervix uteri, corpus uteri, and ovary   | 10       | 0         | 1      | 21     | 1      | 0        | 4     |
| ...Prostate                                | 8        | 1         | 0      | 24     | 1      | 1        | 2     |
| ...Urinary tract                           | 19       | 1         | 1      | 31     | 1      | 0        | 4     |
| ...Non-Hodgkin's lymphoma                  | 7        | 1         | 0      | 22     | 3      | 0        | 2     |
| ...Leukemia                                | 15       | 4         | 2      | 19     | 1      | 1        | 4     |
| ...Other malignant neoplasms               | 61       | 14        | 6      | 164    | 9      | 4        | 18    |
| Diabetes mellitus                          | 27       | 4         | 0      | 34     | 2      | 1        | 8     |
| Alzheimer's disease                        | 40       | 11        | 2      | 100    | 2      | 3        | 9     |
| Parkinson's disease                        | 7        | 2         | 0      | 24     | 2      | 1        | 1     |
| Diseases of heart                          | 242      | 50        | 20     | 639    | 37     | 34       | 84    |
| Essential hypertension                     | 6        | 4         | 0      | 26     | 2      | 0        | 4     |
| Cerebrovascular diseases                   | 41       | 15        | 6      | 142    | 8      | 11       | 15    |
| Influenza and pneumonia                    | 21       | 10        | 1      | 59     | 2      | 3        | 8     |
| Chronic lower respiratory disease          | 71       | 14        | 7      | 155    | 7      | 8        | 28    |
| Pneumonitis due to solids and liquids      | 14       | 2         | 2      | 23     | 1      | 0        | 2     |
| Chronic liver disease and cirrhosis        | 5        | 3         | 0      | 24     | 0      | 1        | 2     |
| Nephritis and nephrosis                    | 18       | 5         | 2      | 58     | 2      | 3        | 2     |
| Conditions orig. in perinatal period       | 2        | 0         | 0      | 11     | 1      | 0        | 0     |
| Congenital anomalies                       | 3        | 1         | 0      | 9      | 0      | 0        | 1     |
| Symptoms and ill-defined conditions        | 4        | 4         | 4      | 27     | 1      | 6        | 2     |
| All other diseases                         | 143      | 29        | 8      | 403    | 17     | 12       | 47    |
| Unintentional injuries                     | 58       | 17        | 4      | 159    | 3      | 9        | 10    |
| ...Motor vehicle crashes                   | 16       | 8         | 1      | 30     | 1      | 4        | 4     |
| ...Falls                                   | 9        | 5         | 2      | 39     | 0      | 0        | 2     |
| ...Accidental poisoning                    | 21       | 2         | 0      | 57     | 0      | 1        | 0     |
| ...Other unintentional injuries            | 12       | 2         | 1      | 33     | 2      | 4        | 4     |
| Suicide                                    | 23       | 3         | 0      | 42     | 1      | 3        | 6     |
| Homicide                                   | 5        | 0         | 0      | 11     | 0      | 1        | 2     |
| All other external causes                  | 6        | 0         | 0      | 6      | 0      | 0        | 0     |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Hickory | Holt | Howard | Howell | Iron | Jackson | Jasper |
|--|---------|------|--------|--------|------|---------|--------|
| All causes                                 | 163     | 61   | 107    | 508    | 133  | 5,981   | 1,215  |
| Enterocolitis due to Clostridium difficile | 0       | 0    | 0      | 3      | 2    | 30      | 4      |
| Septicemia                                 | 3       | 0    | 1      | 7      | 1    | 95      | 27     |
| HIV / AIDS                                 | 0       | 0    | 0      | 1      | 0    | 26      | 1      |
| Malignant neoplasms                        | 44      | 13   | 26     | 103    | 26   | 1,344   | 211    |
| ...Colon, rectum, and anus                 | 2       | 4    | 3      | 2      | 4    | 113     | 15     |
| ...Pancreas                                | 3       | 1    | 1      | 6      | 2    | 85      | 7      |
| ...Trachea, bronchus, and lung             | 18      | 4    | 10     | 43     | 8    | 391     | 67     |
| ...Breast                                  | 0       | 0    | 1      | 10     | 0    | 100     | 13     |
| ...Cervix uteri, corpus uteri, and ovary   | 0       | 0    | 1      | 2      | 2    | 48      | 8      |
| ...Prostate                                | 2       | 1    | 2      | 1      | 2    | 49      | 8      |
| ...Urinary tract                           | 1       | 0    | 0      | 7      | 2    | 64      | 12     |
| ...Non-Hodgkin's lymphoma                  | 2       | 0    | 2      | 4      | 2    | 51      | 8      |
| ...Leukemia                                | 2       | 0    | 1      | 2      | 0    | 57      | 7      |
| ...Other malignant neoplasms               | 14      | 3    | 5      | 26     | 4    | 386     | 66     |
| Diabetes mellitus                          | 3       | 1    | 3      | 16     | 3    | 154     | 16     |
| Alzheimer's disease                        | 3       | 6    | 3      | 35     | 6    | 195     | 39     |
| Parkinson's disease                        | 1       | 0    | 1      | 3      | 2    | 63      | 11     |
| Diseases of heart                          | 29      | 16   | 33     | 118    | 33   | 1,265   | 345    |
| Essential hypertension                     | 0       | 1    | 2      | 3      | 0    | 54      | 6      |
| Cerebrovascular diseases                   | 11      | 3    | 10     | 26     | 11   | 305     | 42     |
| Influenza and pneumonia                    | 3       | 1    | 4      | 11     | 2    | 89      | 42     |
| Chronic lower respiratory disease          | 9       | 4    | 4      | 42     | 19   | 365     | 61     |
| Pneumonitis due to solids and liquids      | 2       | 0    | 0      | 7      | 1    | 43      | 3      |
| Chronic liver disease and cirrhosis        | 1       | 1    | 0      | 6      | 2    | 57      | 8      |
| Nephritis and nephrosis                    | 8       | 3    | 2      | 7      | 6    | 167     | 21     |
| Conditions orig. in perinatal period       | 0       | 0    | 1      | 1      | 0    | 33      | 2      |
| Congenital anomalies                       | 1       | 0    | 0      | 3      | 0    | 25      | 0      |
| Symptoms and ill-defined conditions        | 2       | 1    | 3      | 2      | 1    | 42      | 10     |
| All other diseases                         | 32      | 8    | 11     | 76     | 12   | 1,081   | 165    |
| Unintentional injuries                     | 10      | 3    | 2      | 26     | 6    | 300     | 180    |
| ...Motor vehicle crashes                   | 6       | 2    | 0      | 8      | 3    | 74      | 22     |
| ...Falls                                   | 1       | 1    | 0      | 3      | 1    | 73      | 5      |
| ...Accidental poisoning                    | 0       | 0    | 0      | 5      | 0    | 84      | 15     |
| ...Other unintentional injuries            | 3       | 0    | 2      | 10     | 2    | 69      | 138    |
| Suicide                                    | 1       | 0    | 0      | 9      | 0    | 127     | 17     |
| Homicide                                   | 0       | 0    | 1      | 2      | 0    | 112     | 3      |
| All other external causes                  | 0       | 0    | 0      | 1      | 0    | 9       | 1      |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Jefferson | Johnson | Knox | Laclede | Lafayette | Lawrence | Lewis |
|--|-----------|---------|------|---------|-----------|----------|-------|
| All causes                                 | 1,822     | 404     | 45   | 361     | 325       | 423      | 98    |
| Enterocolitis due to Clostridium difficile | 5         | 0       | 0    | 2       | 0         | 3        | 0     |
| Septicemia                                 | 43        | 15      | 0    | 9       | 7         | 7        | 1     |
| HIV / AIDS                                 | 1         | 0       | 0    | 0       | 0         | 0        | 0     |
| Malignant neoplasms                        | 446       | 93      | 14   | 66      | 63        | 83       | 15    |
| ...Colon, rectum, and anus                 | 50        | 7       | 3    | 4       | 7         | 7        | 0     |
| ...Pancreas                                | 23        | 8       | 2    | 4       | 2         | 7        | 0     |
| ...Trachea, bronchus, and lung             | 150       | 25      | 5    | 27      | 19        | 22       | 8     |
| ...Breast                                  | 29        | 7       | 0    | 4       | 2         | 3        | 2     |
| ...Cervix uteri, corpus uteri, and ovary   | 15        | 6       | 0    | 3       | 5         | 4        | 1     |
| ...Prostate                                | 11        | 7       | 1    | 1       | 2         | 5        | 0     |
| ...Urinary tract                           | 28        | 6       | 1    | 5       | 7         | 4        | 0     |
| ...Non-Hodgkin's lymphoma                  | 10        | 1       | 0    | 2       | 2         | 4        | 0     |
| ...Leukemia                                | 18        | 3       | 0    | 1       | 2         | 3        | 4     |
| ...Other malignant neoplasms               | 112       | 23      | 2    | 15      | 15        | 24       | 0     |
| Diabetes mellitus                          | 48        | 10      | 3    | 18      | 7         | 6        | 6     |
| Alzheimer's disease                        | 54        | 6       | 0    | 10      | 6         | 28       | 2     |
| Parkinson's disease                        | 4         | 3       | 0    | 3       | 5         | 7        | 0     |
| Diseases of heart                          | 425       | 103     | 5    | 107     | 88        | 86       | 34    |
| Essential hypertension                     | 7         | 0       | 2    | 4       | 5         | 4        | 2     |
| Cerebrovascular diseases                   | 110       | 21      | 4    | 15      | 16        | 32       | 5     |
| Influenza and pneumonia                    | 35        | 7       | 0    | 9       | 4         | 14       | 2     |
| Chronic lower respiratory disease          | 120       | 21      | 5    | 30      | 30        | 32       | 6     |
| Pneumonitis due to solids and liquids      | 19        | 26      | 0    | 2       | 5         | 3        | 1     |
| Chronic liver disease and cirrhosis        | 21        | 7       | 0    | 3       | 3         | 3        | 0     |
| Nephritis and nephrosis                    | 38        | 5       | 2    | 12      | 8         | 14       | 3     |
| Conditions orig. in perinatal period       | 6         | 0       | 0    | 3       | 2         | 3        | 0     |
| Congenital anomalies                       | 10        | 2       | 0    | 1       | 1         | 1        | 2     |
| Symptoms and ill-defined conditions        | 6         | 2       | 1    | 5       | 2         | 3        | 2     |
| All other diseases                         | 253       | 52      | 7    | 38      | 53        | 67       | 10    |
| Unintentional injuries                     | 117       | 18      | 2    | 16      | 18        | 22       | 7     |
| ...Motor vehicle crashes                   | 27        | 6       | 0    | 7       | 7         | 6        | 3     |
| ...Falls                                   | 27        | 1       | 0    | 2       | 4         | 2        | 1     |
| ...Accidental poisoning                    | 45        | 6       | 0    | 1       | 6         | 10       | 2     |
| ...Other unintentional injuries            | 18        | 5       | 2    | 6       | 1         | 4        | 1     |
| Suicide                                    | 41        | 11      | 0    | 8       | 2         | 4        | 0     |
| Homicide                                   | 4         | 2       | 0    | 0       | 0         | 0        | 0     |
| All other external causes                  | 9         | 0       | 0    | 0       | 0         | 1        | 0     |



Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Lincoln | Linn | Livingston | McDonald | Macon | Madison | Maries |
|--|---------|------|------------|----------|-------|---------|--------|
| All causes                                 | 455     | 175  | 208        | 194      | 199   | 162     | 102    |
| Enterocolitis due to Clostridium difficile | 8       | 1    | 2          | 1        | 0     | 1       | 0      |
| Septicemia                                 | 6       | 1    | 8          | 1        | 2     | 3       | 3      |
| HIV / AIDS                                 | 0       | 0    | 0          | 0        | 0     | 0       | 0      |
| Malignant neoplasms                        | 103     | 28   | 48         | 46       | 34    | 38      | 19     |
| ...Colon, rectum, and anus                 | 6       | 5    | 1          | 3        | 3     | 1       | 1      |
| ...Pancreas                                | 9       | 1    | 2          | 5        | 1     | 2       | 0      |
| ...Trachea, bronchus, and lung             | 40      | 8    | 20         | 22       | 14    | 13      | 8      |
| ...Breast                                  | 5       | 4    | 3          | 3        | 3     | 2       | 0      |
| ...Cervix uteri, corpus uteri, and ovary   | 4       | 0    | 1          | 1        | 4     | 0       | 0      |
| ...Prostate                                | 3       | 0    | 3          | 2        | 1     | 3       | 2      |
| ...Urinary tract                           | 4       | 3    | 4          | 1        | 0     | 3       | 0      |
| ...Non-Hodgkin's lymphoma                  | 1       | 2    | 2          | 0        | 0     | 1       | 0      |
| ...Leukemia                                | 2       | 1    | 3          | 1        | 2     | 1       | 0      |
| ...Other malignant neoplasms               | 29      | 4    | 9          | 8        | 6     | 12      | 8      |
| Diabetes mellitus                          | 4       | 4    | 4          | 4        | 5     | 4       | 2      |
| Alzheimer's disease                        | 31      | 7    | 5          | 10       | 5     | 13      | 0      |
| Parkinson's disease                        | 0       | 2    | 1          | 1        | 2     | 0       | 1      |
| Diseases of heart                          | 111     | 57   | 56         | 46       | 60    | 37      | 38     |
| Essential hypertension                     | 3       | 0    | 1          | 1        | 0     | 5       | 1      |
| Cerebrovascular diseases                   | 15      | 11   | 12         | 8        | 11    | 8       | 8      |
| Influenza and pneumonia                    | 14      | 1    | 3          | 4        | 6     | 1       | 3      |
| Chronic lower respiratory disease          | 22      | 19   | 18         | 11       | 10    | 11      | 5      |
| Pneumonitis due to solids and liquids      | 6       | 1    | 3          | 3        | 2     | 3       | 3      |
| Chronic liver disease and cirrhosis        | 4       | 0    | 3          | 1        | 1     | 1       | 1      |
| Nephritis and nephrosis                    | 14      | 12   | 6          | 5        | 7     | 4       | 1      |
| Conditions orig. in perinatal period       | 2       | 0    | 0          | 1        | 0     | 2       | 0      |
| Congenital anomalies                       | 1       | 0    | 0          | 2        | 0     | 1       | 0      |
| Symptoms and ill-defined conditions        | 3       | 1    | 1          | 8        | 1     | 1       | 2      |
| All other diseases                         | 55      | 23   | 28         | 30       | 33    | 20      | 6      |
| Unintentional injuries                     | 31      | 4    | 5          | 8        | 16    | 5       | 6      |
| ...Motor vehicle crashes                   | 17      | 1    | 2          | 1        | 5     | 0       | 2      |
| ...Falls                                   | 1       | 0    | 1          | 1        | 5     | 3       | 1      |
| ...Accidental poisoning                    | 6       | 0    | 1          | 1        | 1     | 2       | 2      |
| ...Other unintentional injuries            | 7       | 3    | 1          | 5        | 5     | 0       | 1      |
| Suicide                                    | 14      | 2    | 2          | 1        | 4     | 3       | 3      |
| Homicide                                   | 5       | 0    | 2          | 1        | 0     | 0       | 0      |
| All other external causes                  | 3       | 1    | 0          | 1        | 0     | 1       | 0      |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Marion | Mercer | Miller | Mississippi | Moniteau | Monroe | Montgomery |
|--|--------|--------|--------|-------------|----------|--------|------------|
| All causes                                 | 335    | 47     | 269    | 193         | 139      | 94     | 172        |
| Enterocolitis due to Clostridium difficile | 1      | 0      | 0      | 0           | 0        | 0      | 2          |
| Septicemia                                 | 4      | 2      | 2      | 2           | 2        | 0      | 4          |
| HIV / AIDS                                 | 0      | 0      | 1      | 0           | 0        | 0      | 0          |
| Malignant neoplasms                        | 86     | 10     | 64     | 48          | 22       | 17     | 33         |
| ...Colon, rectum, and anus                 | 9      | 1      | 6      | 2           | 2        | 3      | 2          |
| ...Pancreas                                | 3      | 1      | 5      | 4           | 2        | 4      | 1          |
| ...Trachea, bronchus, and lung             | 32     | 2      | 25     | 18          | 3        | 4      | 8          |
| ...Breast                                  | 7      | 0      | 6      | 5           | 2        | 0      | 3          |
| ...Cervix uteri, corpus uteri, and ovary   | 2      | 0      | 3      | 2           | 2        | 1      | 0          |
| ...Prostate                                | 5      | 2      | 3      | 3           | 1        | 2      | 3          |
| ...Urinary tract                           | 5      | 1      | 1      | 1           | 0        | 0      | 2          |
| ...Non-Hodgkin's lymphoma                  | 1      | 1      | 1      | 2           | 0        | 1      | 1          |
| ...Leukemia                                | 3      | 1      | 1      | 3           | 1        | 0      | 0          |
| ...Other malignant neoplasms               | 19     | 1      | 13     | 8           | 9        | 2      | 13         |
| Diabetes mellitus                          | 3      | 3      | 10     | 3           | 11       | 3      | 3          |
| Alzheimer's disease                        | 21     | 3      | 5      | 8           | 0        | 1      | 7          |
| Parkinson's disease                        | 3      | 0      | 3      | 0           | 2        | 0      | 1          |
| Diseases of heart                          | 74     | 9      | 74     | 66          | 33       | 24     | 51         |
| Essential hypertension                     | 1      | 0      | 6      | 0           | 14       | 1      | 3          |
| Cerebrovascular diseases                   | 21     | 2      | 15     | 10          | 4        | 4      | 8          |
| Influenza and pneumonia                    | 11     | 2      | 5      | 3           | 2        | 1      | 3          |
| Chronic lower respiratory disease          | 17     | 4      | 19     | 13          | 13       | 4      | 20         |
| Pneumonitis due to solids and liquids      | 2      | 0      | 1      | 0           | 0        | 0      | 2          |
| Chronic liver disease and cirrhosis        | 3      | 1      | 1      | 2           | 0        | 0      | 0          |
| Nephritis and nephrosis                    | 10     | 1      | 5      | 5           | 1        | 1      | 1          |
| Conditions orig. in perinatal period       | 1      | 0      | 0      | 0           | 0        | 0      | 0          |
| Congenital anomalies                       | 6      | 0      | 1      | 0           | 0        | 0      | 1          |
| Symptoms and ill-defined conditions        | 4      | 0      | 0      | 1           | 0        | 0      | 0          |
| All other diseases                         | 44     | 2      | 41     | 23          | 24       | 25     | 24         |
| Unintentional injuries                     | 17     | 4      | 15     | 7           | 7        | 9      | 9          |
| ...Motor vehicle crashes                   | 2      | 4      | 8      | 3           | 2        | 6      | 1          |
| ...Falls                                   | 5      | 0      | 0      | 3           | 1        | 2      | 0          |
| ...Accidental poisoning                    | 4      | 0      | 2      | 0           | 1        | 0      | 4          |
| ...Other unintentional injuries            | 6      | 0      | 5      | 1           | 3        | 1      | 4          |
| Suicide                                    | 5      | 0      | 0      | 1           | 2        | 3      | 0          |
| Homicide                                   | 0      | 3      | 0      | 0           | 2        | 0      | 0          |
| All other external causes                  | 1      | 1      | 1      | 1           | 0        | 1      | 0          |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Morgan | New Madrid | Newton | Nodaway | Oregon | Osage | Ozark |
|--|--------|------------|--------|---------|--------|-------|-------|
| All causes                                 | 326    | 256        | 581    | 200     | 137    | 131   | 128   |
| Enterocolitis due to Clostridium difficile | 0      | 0          | 3      | 0       | 0      | 0     | 0     |
| Septicemia                                 | 0      | 2          | 11     | 0       | 2      | 0     | 2     |
| HIV / AIDS                                 | 0      | 0          | 1      | 0       | 0      | 0     | 0     |
| Malignant neoplasms                        | 68     | 52         | 128    | 48      | 32     | 24    | 32    |
| ...Colon, rectum, and anus                 | 4      | 3          | 11     | 3       | 6      | 1     | 5     |
| ...Pancreas                                | 3      | 4          | 11     | 1       | 2      | 2     | 0     |
| ...Trachea, bronchus, and lung             | 24     | 22         | 42     | 17      | 6      | 10    | 13    |
| ...Breast                                  | 6      | 3          | 9      | 4       | 3      | 1     | 1     |
| ...Cervix uteri, corpus uteri, and ovary   | 3      | 1          | 2      | 1       | 2      | 0     | 1     |
| ...Prostate                                | 7      | 2          | 6      | 5       | 0      | 1     | 1     |
| ...Urinary tract                           | 1      | 5          | 11     | 4       | 0      | 2     | 1     |
| ...Non-Hodgkin's lymphoma                  | 2      | 3          | 4      | 4       | 0      | 2     | 1     |
| ...Leukemia                                | 1      | 1          | 2      | 0       | 0      | 2     | 0     |
| ...Other malignant neoplasms               | 17     | 8          | 30     | 9       | 13     | 3     | 9     |
| Diabetes mellitus                          | 16     | 5          | 7      | 6       | 1      | 1     | 6     |
| Alzheimer's disease                        | 7      | 7          | 19     | 9       | 4      | 4     | 2     |
| Parkinson's disease                        | 0      | 2          | 12     | 3       | 0      | 0     | 1     |
| Diseases of heart                          | 89     | 86         | 140    | 42      | 56     | 47    | 35    |
| Essential hypertension                     | 10     | 2          | 3      | 0       | 0      | 3     | 0     |
| Cerebrovascular diseases                   | 17     | 12         | 27     | 12      | 7      | 4     | 4     |
| Influenza and pneumonia                    | 5      | 4          | 18     | 5       | 4      | 6     | 1     |
| Chronic lower respiratory disease          | 17     | 29         | 35     | 17      | 9      | 9     | 8     |
| Pneumonitis due to solids and liquids      | 2      | 1          | 2      | 2       | 0      | 7     | 1     |
| Chronic liver disease and cirrhosis        | 9      | 2          | 5      | 0       | 0      | 1     | 3     |
| Nephritis and nephrosis                    | 4      | 8          | 14     | 4       | 1      | 3     | 3     |
| Conditions orig. in perinatal period       | 1      | 1          | 1      | 2       | 0      | 0     | 0     |
| Congenital anomalies                       | 1      | 2          | 0      | 0       | 1      | 0     | 0     |
| Symptoms and ill-defined conditions        | 0      | 1          | 11     | 3       | 2      | 1     | 2     |
| All other diseases                         | 57     | 23         | 82     | 34      | 12     | 11    | 16    |
| Unintentional injuries                     | 14     | 15         | 44     | 13      | 3      | 8     | 9     |
| ...Motor vehicle crashes                   | 7      | 8          | 16     | 6       | 3      | 2     | 4     |
| ...Falls                                   | 3      | 1          | 1      | 2       | 0      | 3     | 2     |
| ...Accidental poisoning                    | 2      | 0          | 4      | 1       | 0      | 0     | 0     |
| ...Other unintentional injuries            | 2      | 6          | 23     | 4       | 0      | 3     | 3     |
| Suicide                                    | 8      | 2          | 8      | 0       | 3      | 2     | 3     |
| Homicide                                   | 0      | 0          | 2      | 0       | 0      | 0     | 0     |
| All other external causes                  | 1      | 0          | 8      | 0       | 0      | 0     | 0     |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Pemiscot | Perry | Pettis | Phelps | Pike | Platte | Polk |
|--|----------|-------|--------|--------|------|--------|------|
| All causes                                 | 218      | 183   | 441    | 420    | 178  | 573    | 352  |
| Enterocolitis due to Clostridium difficile | 0        | 1     | 2      | 1      | 0    | 3      | 1    |
| Septicemia                                 | 3        | 2     | 6      | 6      | 3    | 7      | 3    |
| HIV / AIDS                                 | 0        | 0     | 0      | 0      | 1    | 0      | 1    |
| Malignant neoplasms                        | 48       | 33    | 120    | 83     | 45   | 153    | 75   |
| ...Colon, rectum, and anus                 | 8        | 1     | 12     | 6      | 2    | 15     | 6    |
| ...Pancreas                                | 1        | 1     | 9      | 5      | 2    | 10     | 8    |
| ...Trachea, bronchus, and lung             | 15       | 6     | 29     | 28     | 9    | 39     | 19   |
| ...Breast                                  | 2        | 1     | 12     | 7      | 4    | 13     | 4    |
| ...Cervix uteri, corpus uteri, and ovary   | 4        | 1     | 2      | 1      | 4    | 8      | 7    |
| ...Prostate                                | 1        | 2     | 9      | 4      | 3    | 2      | 4    |
| ...Urinary tract                           | 3        | 1     | 3      | 1      | 3    | 10     | 3    |
| ...Non-Hodgkin's lymphoma                  | 1        | 2     | 10     | 1      | 4    | 8      | 2    |
| ...Leukemia                                | 1        | 2     | 3      | 2      | 3    | 8      | 5    |
| ...Other malignant neoplasms               | 12       | 16    | 31     | 28     | 11   | 40     | 17   |
| Diabetes mellitus                          | 7        | 5     | 9      | 12     | 2    | 13     | 13   |
| Alzheimer's disease                        | 3        | 20    | 21     | 37     | 5    | 21     | 18   |
| Parkinson's disease                        | 1        | 4     | 5      | 6      | 0    | 13     | 2    |
| Diseases of heart                          | 73       | 55    | 105    | 90     | 45   | 121    | 72   |
| Essential hypertension                     | 0        | 3     | 7      | 1      | 2    | 4      | 6    |
| Cerebrovascular diseases                   | 7        | 12    | 23     | 17     | 8    | 26     | 16   |
| Influenza and pneumonia                    | 4        | 5     | 15     | 12     | 5    | 3      | 1    |
| Chronic lower respiratory disease          | 21       | 9     | 21     | 31     | 11   | 49     | 21   |
| Pneumonitis due to solids and liquids      | 2        | 0     | 2      | 1      | 1    | 7      | 2    |
| Chronic liver disease and cirrhosis        | 2        | 2     | 2      | 4      | 3    | 7      | 5    |
| Nephritis and nephrosis                    | 10       | 4     | 6      | 14     | 6    | 11     | 6    |
| Conditions orig. in perinatal period       | 0        | 0     | 1      | 0      | 1    | 2      | 0    |
| Congenital anomalies                       | 1        | 0     | 2      | 5      | 1    | 7      | 2    |
| Symptoms and ill-defined conditions        | 2        | 1     | 1      | 3      | 3    | 4      | 10   |
| All other diseases                         | 14       | 18    | 64     | 44     | 20   | 71     | 62   |
| Unintentional injuries                     | 15       | 7     | 22     | 41     | 11   | 33     | 28   |
| ...Motor vehicle crashes                   | 4        | 2     | 3      | 12     | 4    | 7      | 13   |
| ...Falls                                   | 0        | 2     | 8      | 8      | 3    | 6      | 2    |
| ...Accidental poisoning                    | 5        | 1     | 6      | 14     | 1    | 8      | 8    |
| ...Other unintentional injuries            | 6        | 2     | 5      | 7      | 3    | 12     | 5    |
| Suicide                                    | 3        | 1     | 4      | 9      | 4    | 14     | 6    |
| Homicide                                   | 2        | 1     | 3      | 2      | 0    | 4      | 2    |
| All other external causes                  | 0        | 0     | 0      | 1      | 1    | 0      | 0    |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Pulaski | Putnam | Ralls | Randolph | Ray | Reynolds | Ripley |
|--|---------|--------|-------|----------|-----|----------|--------|
| All causes                                 | 297     | 58     | 85    | 252      | 223 | 85       | 195    |
| Enterocolitis due to Clostridium difficile | 0       | 0      | 0     | 1        | 3   | 0        | 0      |
| Septicemia                                 | 5       | 0      | 0     | 4        | 2   | 0        | 5      |
| HIV / AIDS                                 | 0       | 0      | 0     | 0        | 0   | 0        | 0      |
| Malignant neoplasms                        | 65      | 15     | 28    | 58       | 49  | 20       | 43     |
| ...Colon, rectum, and anus                 | 9       | 1      | 4     | 4        | 3   | 2        | 3      |
| ...Pancreas                                | 5       | 0      | 1     | 3        | 3   | 1        | 2      |
| ...Trachea, bronchus, and lung             | 23      | 5      | 10    | 21       | 22  | 7        | 13     |
| ...Breast                                  | 5       | 1      | 0     | 4        | 4   | 3        | 1      |
| ...Cervix uteri, corpus uteri, and ovary   | 1       | 1      | 1     | 2        | 2   | 0        | 1      |
| ...Prostate                                | 3       | 0      | 1     | 1        | 5   | 0        | 2      |
| ...Urinary tract                           | 6       | 1      | 3     | 1        | 0   | 2        | 3      |
| ...Non-Hodgkin's lymphoma                  | 1       | 2      | 0     | 4        | 0   | 1        | 1      |
| ...Leukemia                                | 1       | 0      | 2     | 0        | 5   | 0        | 2      |
| ...Other malignant neoplasms               | 11      | 4      | 6     | 18       | 5   | 4        | 15     |
| Diabetes mellitus                          | 12      | 2      | 1     | 8        | 5   | 3        | 3      |
| Alzheimer's disease                        | 5       | 3      | 9     | 5        | 7   | 2        | 2      |
| Parkinson's disease                        | 0       | 0      | 1     | 0        | 1   | 1        | 3      |
| Diseases of heart                          | 76      | 16     | 19    | 71       | 65  | 29       | 45     |
| Essential hypertension                     | 1       | 1      | 0     | 3        | 2   | 0        | 2      |
| Cerebrovascular diseases                   | 20      | 1      | 1     | 13       | 6   | 2        | 7      |
| Influenza and pneumonia                    | 14      | 2      | 1     | 6        | 6   | 1        | 7      |
| Chronic lower respiratory disease          | 14      | 3      | 4     | 18       | 14  | 9        | 20     |
| Pneumonitis due to solids and liquids      | 0       | 1      | 2     | 6        | 2   | 1        | 2      |
| Chronic liver disease and cirrhosis        | 4       | 0      | 1     | 1        | 0   | 0        | 2      |
| Nephritis and nephrosis                    | 3       | 2      | 1     | 6        | 11  | 1        | 6      |
| Conditions orig. in perinatal period       | 1       | 0      | 1     | 1        | 0   | 0        | 0      |
| Congenital anomalies                       | 2       | 0      | 0     | 0        | 1   | 1        | 0      |
| Symptoms and ill-defined conditions        | 2       | 0      | 0     | 1        | 4   | 0        | 3      |
| All other diseases                         | 29      | 8      | 12    | 39       | 25  | 11       | 28     |
| Unintentional injuries                     | 27      | 2      | 4     | 10       | 15  | 3        | 14     |
| ...Motor vehicle crashes                   | 10      | 0      | 1     | 1        | 6   | 1        | 7      |
| ...Falls                                   | 2       | 0      | 0     | 6        | 2   | 1        | 1      |
| ...Accidental poisoning                    | 11      | 0      | 2     | 1        | 3   | 1        | 4      |
| ...Other unintentional injuries            | 4       | 2      | 1     | 2        | 4   | 0        | 2      |
| Suicide                                    | 8       | 2      | 0     | 0        | 4   | 0        | 1      |
| Homicide                                   | 9       | 0      | 0     | 0        | 0   | 1        | 0      |
| All other external causes                  | 0       | 0      | 0     | 1        | 1   | 0        | 2      |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | St. Charles | St. Clair | St. Francois | Ste. Genevieve | St. Louis City | St. Louis County | Saline |
|--|-------------|-----------|--------------|----------------|----------------|------------------|--------|
| All causes                                 | 2,286       | 138       | 719          | 196            | 2,991          | 9,177            | 280    |
| Enterocolitis due to Clostridium difficile | 4           | 1         | 3            | 1              | 14             | 32               | 0      |
| Septicemia                                 | 25          | 3         | 3            | 4              | 51             | 150              | 3      |
| HIV / AIDS                                 | 1           | 0         | 1            | 0              | 11             | 13               | 0      |
| Malignant neoplasms                        | 559         | 26        | 172          | 38             | 677            | 1,997            | 78     |
| ...Colon, rectum, and anus                 | 54          | 3         | 15           | 3              | 63             | 165              | 9      |
| ...Pancreas                                | 24          | 1         | 11           | 3              | 42             | 141              | 8      |
| ...Trachea, bronchus, and lung             | 174         | 12        | 58           | 12             | 200            | 557              | 21     |
| ...Breast                                  | 41          | 3         | 5            | 2              | 59             | 168              | 5      |
| ...Cervix uteri, corpus uteri, and ovary   | 24          | 1         | 7            | 2              | 34             | 112              | 2      |
| ...Prostate                                | 22          | 1         | 6            | 2              | 30             | 89               | 3      |
| ...Urinary tract                           | 30          | 0         | 11           | 2              | 27             | 87               | 5      |
| ...Non-Hodgkin's lymphoma                  | 20          | 0         | 3            | 2              | 13             | 71               | 2      |
| ...Leukemia                                | 33          | 0         | 10           | 2              | 24             | 86               | 3      |
| ...Other malignant neoplasms               | 137         | 5         | 46           | 8              | 185            | 521              | 20     |
| Diabetes mellitus                          | 64          | 4         | 22           | 0              | 113            | 216              | 6      |
| Alzheimer's disease                        | 62          | 6         | 25           | 6              | 57             | 237              | 5      |
| Parkinson's disease                        | 31          | 1         | 4            | 1              | 14             | 106              | 3      |
| Diseases of heart                          | 545         | 42        | 205          | 55             | 769            | 2,392            | 74     |
| Essential hypertension                     | 19          | 1         | 4            | 2              | 32             | 61               | 3      |
| Cerebrovascular diseases                   | 100         | 10        | 29           | 5              | 170            | 539              | 24     |
| Influenza and pneumonia                    | 50          | 2         | 8            | 2              | 62             | 213              | 9      |
| Chronic lower respiratory disease          | 120         | 5         | 55           | 18             | 127            | 411              | 13     |
| Pneumonitis due to solids and liquids      | 16          | 1         | 6            | 2              | 16             | 108              | 1      |
| Chronic liver disease and cirrhosis        | 19          | 0         | 6            | 3              | 26             | 84               | 0      |
| Nephritis and nephrosis                    | 31          | 2         | 10           | 4              | 59             | 187              | 5      |
| Conditions orig. in perinatal period       | 8           | 0         | 1            | 0              | 29             | 50               | 1      |
| Congenital anomalies                       | 10          | 0         | 1            | 0              | 14             | 34               | 1      |
| Symptoms and ill-defined conditions        | 11          | 3         | 4            | 4              | 14             | 51               | 0      |
| All other diseases                         | 398         | 22        | 96           | 31             | 411            | 1,600            | 37     |
| Unintentional injuries                     | 160         | 6         | 47           | 18             | 178            | 469              | 11     |
| ...Motor vehicle crashes                   | 25          | 3         | 16           | 5              | 32             | 89               | 2      |
| ...Falls                                   | 59          | 1         | 10           | 2              | 21             | 167              | 3      |
| ...Accidental poisoning                    | 52          | 0         | 16           | 7              | 89             | 136              | 3      |
| ...Other unintentional injuries            | 24          | 2         | 5            | 4              | 36             | 77               | 3      |
| Suicide                                    | 44          | 3         | 12           | 1              | 43             | 131              | 4      |
| Homicide                                   | 3           | 0         | 2            | 0              | 93             | 72               | 0      |
| All other external causes                  | 6           | 0         | 3            | 1              | 11             | 24               | 2      |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Schuyler | Scotland | Scott | Shannon | Shelby | Stoddard | Stone |
|--|----------|----------|-------|---------|--------|----------|-------|
| All causes                                 | 40       | 55       | 421   | 91      | 81     | 409      | 337   |
| Enterocolitis due to Clostridium difficile | 0        | 0        | 3     | 0       | 0      | 1        | 2     |
| Septicemia                                 | 1        | 2        | 7     | 1       | 0      | 7        | 3     |
| HIV / AIDS                                 | 0        | 0        | 0     | 1       | 0      | 1        | 0     |
| Malignant neoplasms                        | 10       | 12       | 96    | 24      | 16     | 87       | 81    |
| ...Colon, rectum, and anus                 | 4        | 1        | 15    | 2       | 0      | 7        | 9     |
| ...Pancreas                                | 0        | 0        | 4     | 1       | 0      | 3        | 2     |
| ...Trachea, bronchus, and lung             | 2        | 4        | 30    | 6       | 5      | 35       | 30    |
| ...Breast                                  | 1        | 0        | 7     | 1       | 1      | 7        | 4     |
| ...Cervix uteri, corpus uteri, and ovary   | 0        | 0        | 2     | 0       | 1      | 1        | 3     |
| ...Prostate                                | 0        | 1        | 5     | 2       | 1      | 0        | 3     |
| ...Urinary tract                           | 1        | 0        | 3     | 0       | 1      | 8        | 6     |
| ...Non-Hodgkin's lymphoma                  | 0        | 0        | 2     | 2       | 3      | 2        | 1     |
| ...Leukemia                                | 0        | 2        | 1     | 2       | 1      | 5        | 7     |
| ...Other malignant neoplasms               | 2        | 4        | 27    | 8       | 3      | 19       | 16    |
| Diabetes mellitus                          | 0        | 1        | 13    | 3       | 0      | 11       | 8     |
| Alzheimer's disease                        | 1        | 2        | 18    | 2       | 4      | 17       | 20    |
| Parkinson's disease                        | 0        | 1        | 5     | 1       | 3      | 3        | 1     |
| Diseases of heart                          | 7        | 12       | 105   | 21      | 23     | 103      | 95    |
| Essential hypertension                     | 0        | 0        | 0     | 0       | 0      | 0        | 0     |
| Cerebrovascular diseases                   | 2        | 0        | 19    | 6       | 7      | 20       | 22    |
| Influenza and pneumonia                    | 3        | 5        | 11    | 0       | 5      | 13       | 2     |
| Chronic lower respiratory disease          | 5        | 5        | 28    | 5       | 2      | 32       | 27    |
| Pneumonitis due to solids and liquids      | 0        | 6        | 1     | 1       | 4      | 2        | 2     |
| Chronic liver disease and cirrhosis        | 0        | 0        | 3     | 0       | 0      | 3        | 3     |
| Nephritis and nephrosis                    | 1        | 1        | 17    | 4       | 1      | 11       | 11    |
| Conditions orig. in perinatal period       | 0        | 0        | 2     | 1       | 0      | 3        | 0     |
| Congenital anomalies                       | 0        | 0        | 2     | 1       | 0      | 1        | 1     |
| Symptoms and ill-defined conditions        | 0        | 0        | 1     | 3       | 0      | 1        | 3     |
| All other diseases                         | 4        | 4        | 57    | 8       | 10     | 69       | 33    |
| Unintentional injuries                     | 3        | 2        | 22    | 8       | 4      | 15       | 14    |
| ...Motor vehicle crashes                   | 1        | 1        | 7     | 5       | 3      | 9        | 2     |
| ...Falls                                   | 2        | 0        | 6     | 1       | 1      | 1        | 4     |
| ...Accidental poisoning                    | 0        | 0        | 4     | 0       | 0      | 1        | 4     |
| ...Other unintentional injuries            | 0        | 1        | 5     | 2       | 0      | 4        | 4     |
| Suicide                                    | 3        | 1        | 6     | 0       | 2      | 8        | 7     |
| Homicide                                   | 0        | 0        | 2     | 1       | 0      | 0        | 1     |
| All other external causes                  | 0        | 1        | 3     | 0       | 0      | 1        | 1     |

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Sullivan | Taney | Texas | Vernon | Warren | Washington | Wayne |
|--|----------|-------|-------|--------|--------|------------|-------|
| All causes                                 | 69       | 499   | 254   | 265    | 243    | 255        | 186   |
| Enterocolitis due to Clostridium difficile | 0        | 4     | 0     | 1      | 1      | 1          | 0     |
| Septicemia                                 | 0        | 12    | 9     | 5      | 4      | 2          | 5     |
| HIV / AIDS                                 | 0        | 0     | 0     | 1      | 1      | 1          | 0     |
| Malignant neoplasms                        | 17       | 128   | 47    | 51     | 64     | 65         | 46    |
| ...Colon, rectum, and anus                 | 1        | 9     | 4     | 3      | 6      | 8          | 6     |
| ...Pancreas                                | 2        | 7     | 1     | 0      | 3      | 5          | 5     |
| ...Trachea, bronchus, and lung             | 4        | 33    | 16    | 19     | 23     | 20         | 18    |
| ...Breast                                  | 0        | 12    | 6     | 2      | 1      | 2          | 3     |
| ...Cervix uteri, corpus uteri, and ovary   | 0        | 10    | 2     | 2      | 3      | 3          | 1     |
| ...Prostate                                | 0        | 6     | 1     | 4      | 6      | 1          | 1     |
| ...Urinary tract                           | 1        | 7     | 2     | 2      | 2      | 3          | 4     |
| ...Non-Hodgkin's lymphoma                  | 2        | 5     | 1     | 1      | 2      | 1          | 0     |
| ...Leukemia                                | 1        | 5     | 2     | 4      | 2      | 2          | 0     |
| ...Other malignant neoplasms               | 6        | 34    | 12    | 14     | 16     | 20         | 8     |
| Diabetes mellitus                          | 2        | 10    | 5     | 8      | 4      | 4          | 7     |
| Alzheimer's disease                        | 2        | 23    | 13    | 5      | 7      | 4          | 4     |
| Parkinson's disease                        | 0        | 2     | 2     | 0      | 1      | 1          | 0     |
| Diseases of heart                          | 24       | 135   | 61    | 71     | 62     | 86         | 39    |
| Essential hypertension                     | 0        | 5     | 5     | 2      | 1      | 0          | 3     |
| Cerebrovascular diseases                   | 4        | 24    | 15    | 15     | 11     | 16         | 17    |
| Influenza and pneumonia                    | 0        | 6     | 11    | 7      | 7      | 2          | 5     |
| Chronic lower respiratory disease          | 5        | 31    | 19    | 19     | 15     | 14         | 18    |
| Pneumonitis due to solids and liquids      | 0        | 1     | 3     | 1      | 1      | 2          | 0     |
| Chronic liver disease and cirrhosis        | 1        | 11    | 0     | 0      | 2      | 4          | 0     |
| Nephritis and nephrosis                    | 0        | 12    | 7     | 10     | 8      | 3          | 7     |
| Conditions orig. in perinatal period       | 0        | 3     | 0     | 1      | 1      | 0          | 0     |
| Congenital anomalies                       | 0        | 2     | 3     | 2      | 0      | 0          | 1     |
| Symptoms and ill-defined conditions        | 1        | 3     | 0     | 6      | 2      | 1          | 0     |
| All other diseases                         | 11       | 62    | 37    | 41     | 33     | 32         | 23    |
| Unintentional injuries                     | 2        | 15    | 8     | 15     | 15     | 13         | 6     |
| ...Motor vehicle crashes                   | 1        | 7     | 5     | 6      | 4      | 6          | 2     |
| ...Falls                                   | 1        | 0     | 2     | 3      | 4      | 0          | 1     |
| ...Accidental poisoning                    | 0        | 2     | 0     | 3      | 6      | 7          | 0     |
| ...Other unintentional injuries            | 0        | 6     | 1     | 3      | 1      | 0          | 3     |
| Suicide                                    | 0        | 9     | 6     | 3      | 0      | 3          | 3     |
| Homicide                                   | 0        | 0     | 3     | 1      | 2      | 1          | 1     |
| All other external causes                  | 0        | 1     | 0     | 0      | 1      | 0          | 1     |



Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2011

|  | Webster | Worth | Wright | Unknown |
|--|---------|-------|--------|---------|
| All causes                                 | 263     | 32    | 229    | 2       |
| Enterocolitis due to Clostridium difficile | 4       | 0     | 0      | 0       |
| Septicemia                                 | 3       | 0     | 2      | 0       |
| HIV / AIDS                                 | 1       | 0     | 0      | 0       |
| Malignant neoplasms                        | 51      | 9     | 53     | 0       |
| ...Colon, rectum, and anus                 | 4       | 0     | 5      | 0       |
| ...Pancreas                                | 2       | 1     | 1      | 0       |
| ...Trachea, bronchus, and lung             | 18      | 3     | 21     | 0       |
| ...Breast                                  | 3       | 0     | 6      | 0       |
| ...Cervix uteri, corpus uteri, and ovary   | 3       | 1     | 2      | 0       |
| ...Prostate                                | 0       | 0     | 4      | 0       |
| ...Urinary tract                           | 2       | 0     | 3      | 0       |
| ...Non-Hodgkin's lymphoma                  | 1       | 0     | 1      | 0       |
| ...Leukemia                                | 4       | 1     | 1      | 0       |
| ...Other malignant neoplasms               | 14      | 3     | 9      | 0       |
| Diabetes mellitus                          | 4       | 1     | 7      | 0       |
| Alzheimer's disease                        | 13      | 1     | 15     | 0       |
| Parkinson's disease                        | 2       | 0     | 0      | 0       |
| Diseases of heart                          | 79      | 8     | 67     | 0       |
| Essential hypertension                     | 1       | 2     | 1      | 0       |
| Cerebrovascular diseases                   | 14      | 0     | 12     | 0       |
| Influenza and pneumonia                    | 6       | 0     | 1      | 0       |
| Chronic lower respiratory disease          | 18      | 4     | 12     | 0       |
| Pneumonitis due to solids and liquids      | 3       | 0     | 3      | 0       |
| Chronic liver disease and cirrhosis        | 3       | 1     | 4      | 0       |
| Nephritis and nephrosis                    | 2       | 1     | 4      | 0       |
| Conditions orig. in perinatal period       | 0       | 0     | 2      | 0       |
| Congenital anomalies                       | 0       | 0     | 0      | 0       |
| Symptoms and ill-defined conditions        | 3       | 0     | 1      | 2       |
| All other diseases                         | 30      | 3     | 27     | 0       |
| Unintentional injuries                     | 17      | 0     | 13     | 0       |
| ...Motor vehicle crashes                   | 9       | 0     | 5      | 0       |
| ...Falls                                   | 3       | 0     | 1      | 0       |
| ...Accidental poisoning                    | 4       | 0     | 3      | 0       |
| ...Other unintentional injuries            | 1       | 0     | 4      | 0       |
| Suicide                                    | 9       | 2     | 3      | 0       |
| Homicide                                   | 0       | 0     | 2      | 0       |
| All other external causes                  | 0       | 0     | 0      | 0       |

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2011

|  | Ballwin | Blue Springs | Cape Girardeau | Chesterfield | Columbia | Florissant | Gladstone | Hazelwood |
|--|---------|--------------|----------------|--------------|----------|------------|-----------|-----------|
| All causes                                 | 174     | 352          | 428            | 518          | 637      | 582        | 238       | 178       |
| Enterocolitis due to Clostridium difficile | 0       | 2            | 0              | 3            | 3        | 1          | 2         | 0         |
| Septicemia                                 | 3       | 5            | 7              | 7            | 11       | 10         | 1         | 3         |
| HIV / AIDS                                 | 0       | 0            | 0              | 0            | 1        | 0          | 0         | 0         |
| Malignant neoplasms                        | 43      | 73           | 66             | 99           | 132      | 122        | 44        | 47        |
| ...Colon, rectum, and anus                 | 3       | 2            | 5              | 3            | 7        | 17         | 2         | 6         |
| ...Pancreas                                | 4       | 3            | 4              | 7            | 7        | 6          | 2         | 0         |
| ...Trachea, bronchus, and lung             | 11      | 28           | 24             | 26           | 25       | 36         | 14        | 16        |
| ...Breast                                  | 2       | 6            | 8              | 11           | 12       | 11         | 3         | 1         |
| ...Cervix uteri, corpus uteri, and ovary   | 1       | 2            | 2              | 6            | 12       | 9          | 2         | 2         |
| ...Prostate                                | 3       | 1            | 2              | 2            | 6        | 3          | 0         | 4         |
| ...Urinary tract                           | 4       | 5            | 0              | 4            | 2        | 6          | 2         | 2         |
| ...Non-Hodgkin's lymphoma                  | 2       | 1            | 2              | 8            | 4        | 2          | 2         | 1         |
| ...Leukemia                                | 1       | 4            | 1              | 5            | 8        | 5          | 6         | 2         |
| ...Other malignant neoplasms               | 12      | 21           | 18             | 27           | 49       | 27         | 11        | 13        |
| Diabetes mellitus                          | 1       | 11           | 8              | 8            | 15       | 5          | 6         | 7         |
| Alzheimer's disease                        | 3       | 12           | 35             | 21           | 29       | 13         | 10        | 2         |
| Parkinson's disease                        | 4       | 3            | 6              | 12           | 6        | 6          | 4         | 0         |
| Diseases of heart                          | 46      | 82           | 111            | 103          | 127      | 163        | 50        | 46        |
| Essential hypertension                     | 2       | 2            | 2              | 2            | 7        | 3          | 2         | 2         |
| Cerebrovascular diseases                   | 7       | 21           | 23             | 33           | 43       | 37         | 16        | 4         |
| Influenza and pneumonia                    | 5       | 0            | 14             | 14           | 12       | 13         | 10        | 2         |
| Chronic lower respiratory disease          | 6       | 23           | 33             | 28           | 30       | 29         | 18        | 6         |
| Pneumonitis due to solids and liquids      | 1       | 4            | 1              | 4            | 6        | 12         | 4         | 5         |
| Chronic liver disease and cirrhosis        | 0       | 2            | 3              | 2            | 4        | 5          | 7         | 4         |
| Nephritis and nephrosis                    | 2       | 5            | 11             | 17           | 15       | 17         | 8         | 5         |
| Conditions orig. in perinatal period       | 0       | 0            | 2              | 3            | 3        | 3          | 0         | 0         |
| Congenital anomalies                       | 2       | 2            | 2              | 2            | 1        | 1          | 0         | 0         |
| Symptoms and ill-defined conditions        | 0       | 3            | 5              | 1            | 0        | 4          | 3         | 1         |
| All other diseases                         | 33      | 74           | 81             | 122          | 125      | 97         | 37        | 25        |
| Unintentional injuries                     | 11      | 16           | 9              | 33           | 48       | 31         | 12        | 15        |
| ...Motor vehicle crashes                   | 3       | 4            | 2              | 5            | 5        | 8          | 3         | 3         |
| ...Falls                                   | 4       | 5            | 2              | 22           | 14       | 4          | 5         | 6         |
| ...Accidental poisoning                    | 3       | 5            | 5              | 3            | 18       | 13         | 2         | 4         |
| ...Other unintentional injuries            | 1       | 2            | 0              | 3            | 11       | 6          | 2         | 2         |
| Suicide                                    | 4       | 10           | 6              | 3            | 14       | 7          | 3         | 2         |
| Homicide                                   | 0       | 2            | 2              | 0            | 3        | 1          | 1         | 2         |
| All other external causes                  | 1       | 0            | 1              | 1            | 2        | 2          | 0         | 0         |

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2011

|  | Independence | Jefferson City | Joplin | Joplin - Jasper County | Joplin - Newton County | Kansas City | Kansas City - Jackson County | Kansas City - Clay County |
|--|--------------|----------------|--------|------------------------|------------------------|-------------|------------------------------|---------------------------|
| All causes                                 | 1,268        | 385            | 644    | 548                    | 96                     | 3,638       | 2,758                        | 623                       |
| Enterocolitis due to Clostridium difficile | 11           | 0              | 2      | 2                      | 0                      | 16          | 11                           | 2                         |
| Septicemia                                 | 21           | 6              | 14     | 11                     | 3                      | 65          | 53                           | 8                         |
| HIV / AIDS                                 | 4            | 0              | 1      | 1                      | 0                      | 23          | 22                           | 1                         |
| Malignant neoplasms                        | 257          | 89             | 82     | 70                     | 12                     | 844         | 636                          | 147                       |
| ...Colon, rectum, and anus                 | 27           | 11             | 4      | 3                      | 1                      | 71          | 57                           | 7                         |
| ...Pancreas                                | 16           | 6              | 2      | 2                      | 0                      | 60          | 42                           | 13                        |
| ...Trachea, bronchus, and lung             | 79           | 20             | 28     | 23                     | 5                      | 238         | 175                          | 46                        |
| ...Breast                                  | 14           | 6              | 5      | 5                      | 0                      | 79          | 54                           | 19                        |
| ...Cervix uteri, corpus uteri, and ovary   | 8            | 3              | 5      | 4                      | 1                      | 34          | 27                           | 5                         |
| ...Prostate                                | 6            | 5              | 4      | 3                      | 1                      | 31          | 27                           | 4                         |
| ...Urinary tract                           | 15           | 6              | 7      | 6                      | 1                      | 33          | 22                           | 7                         |
| ...Non-Hodgkin's lymphoma                  | 7            | 3              | 1      | 1                      | 0                      | 28          | 24                           | 1                         |
| ...Leukemia                                | 13           | 3              | 4      | 3                      | 1                      | 36          | 25                           | 8                         |
| ...Other malignant neoplasms               | 72           | 26             | 22     | 20                     | 2                      | 234         | 183                          | 37                        |
| Diabetes mellitus                          | 27           | 12             | 10     | 7                      | 3                      | 94          | 75                           | 15                        |
| Alzheimer's disease                        | 55           | 23             | 25     | 20                     | 5                      | 102         | 73                           | 22                        |
| Parkinson's disease                        | 17           | 3              | 9      | 8                      | 1                      | 39          | 21                           | 11                        |
| Diseases of heart                          | 300          | 76             | 160    | 133                    | 27                     | 690         | 512                          | 116                       |
| Essential hypertension                     | 11           | 7              | 2      | 1                      | 1                      | 33          | 29                           | 4                         |
| Cerebrovascular diseases                   | 50           | 21             | 21     | 13                     | 8                      | 220         | 159                          | 47                        |
| Influenza and pneumonia                    | 24           | 8              | 35     | 24                     | 11                     | 42          | 33                           | 7                         |
| Chronic lower respiratory disease          | 93           | 18             | 37     | 33                     | 4                      | 212         | 148                          | 42                        |
| Pneumonitis due to solids and liquids      | 13           | 5              | 2      | 1                      | 1                      | 27          | 15                           | 9                         |
| Chronic liver disease and cirrhosis        | 10           | 5              | 5      | 5                      | 0                      | 51          | 33                           | 15                        |
| Nephritis and nephrosis                    | 48           | 7              | 10     | 8                      | 2                      | 99          | 78                           | 15                        |
| Conditions orig. in perinatal period       | 1            | 3              | 0      | 0                      | 0                      | 22          | 20                           | 2                         |
| Congenital anomalies                       | 4            | 2              | 0      | 0                      | 0                      | 15          | 12                           | 3                         |
| Symptoms and ill-defined conditions        | 6            | 2              | 5      | 4                      | 1                      | 31          | 23                           | 4                         |
| All other diseases                         | 229          | 71             | 85     | 73                     | 12                     | 628         | 490                          | 107                       |
| Unintentional injuries                     | 50           | 16             | 128    | 125                    | 3                      | 206         | 162                          | 30                        |
| ...Motor vehicle crashes                   | 13           | 1              | 6      | 6                      | 0                      | 46          | 40                           | 4                         |
| ...Falls                                   | 13           | 4              | 3      | 3                      | 0                      | 51          | 32                           | 15                        |
| ...Accidental poisoning                    | 14           | 6              | 9      | 8                      | 1                      | 61          | 51                           | 6                         |
| ...Other unintentional injuries            | 10           | 5              | 110    | 108                    | 2                      | 48          | 39                           | 5                         |
| Suicide                                    | 28           | 10             | 8      | 7                      | 1                      | 66          | 48                           | 10                        |
| Homicide                                   | 8            | 0              | 2      | 1                      | 1                      | 105         | 97                           | 6                         |
| All other external causes                  | 1            | 1              | 1      | 1                      | 0                      | 8           | 8                            | 0                         |

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2011

|  | Kansas City -<br>Platte County | Kirkwood | Lee's Summit | Liberty | Maryland<br>Heights | O'Fallon | Raytown | St. Charles |
|--|--------------------------------|----------|--------------|---------|---------------------|----------|---------|-------------|
| All causes                                 | 257                            | 241      | 651          | 225     | 217                 | 477      | 374     | 577         |
| Enterocolitis due to Clostridium difficile | 3                              | 0        | 3            | 0       | 0                   | 0        | 2       | 0           |
| Septicemia                                 | 4                              | 4        | 6            | 0       | 3                   | 8        | 5       | 6           |
| HIV / AIDS                                 | 0                              | 0        | 0            | 0       | 1                   | 0        | 0       | 0           |
| Malignant neoplasms                        | 61                             | 53       | 143          | 60      | 41                  | 122      | 93      | 128         |
| ...Colon, rectum, and anus                 | 7                              | 5        | 10           | 4       | 2                   | 14       | 9       | 12          |
| ...Pancreas                                | 5                              | 6        | 9            | 2       | 2                   | 6        | 9       | 6           |
| ...Trachea, bronchus, and lung             | 17                             | 10       | 39           | 16      | 10                  | 38       | 23      | 34          |
| ...Breast                                  | 6                              | 5        | 10           | 6       | 6                   | 11       | 8       | 8           |
| ...Cervix uteri, corpus uteri, and ovary   | 2                              | 5        | 3            | 2       | 2                   | 4        | 5       | 7           |
| ...Prostate                                | 0                              | 1        | 8            | 7       | 0                   | 4        | 3       | 7           |
| ...Urinary tract                           | 4                              | 1        | 11           | 7       | 3                   | 8        | 4       | 5           |
| ...Non-Hodgkin's lymphoma                  | 3                              | 1        | 10           | 2       | 0                   | 4        | 2       | 3           |
| ...Leukemia                                | 3                              | 5        | 5            | 0       | 3                   | 5        | 3       | 15          |
| ...Other malignant neoplasms               | 14                             | 14       | 38           | 14      | 13                  | 28       | 27      | 31          |
| Diabetes mellitus                          | 4                              | 4        | 12           | 2       | 4                   | 14       | 12      | 16          |
| Alzheimer's disease                        | 7                              | 5        | 31           | 7       | 6                   | 10       | 12      | 22          |
| Parkinson's disease                        | 7                              | 2        | 11           | 7       | 3                   | 4        | 3       | 12          |
| Diseases of heart                          | 62                             | 57       | 155          | 35      | 58                  | 123      | 82      | 123         |
| Essential hypertension                     | 0                              | 4        | 6            | 3       | 1                   | 6        | 1       | 4           |
| Cerebrovascular diseases                   | 14                             | 17       | 28           | 12      | 13                  | 22       | 12      | 28          |
| Influenza and pneumonia                    | 2                              | 5        | 15           | 6       | 4                   | 12       | 6       | 20          |
| Chronic lower respiratory disease          | 22                             | 10       | 35           | 16      | 9                   | 21       | 19      | 35          |
| Pneumonitis due to solids and liquids      | 3                              | 1        | 5            | 1       | 1                   | 3        | 3       | 6           |
| Chronic liver disease and cirrhosis        | 3                              | 2        | 3            | 2       | 4                   | 5        | 1       | 6           |
| Nephritis and nephrosis                    | 6                              | 5        | 10           | 4       | 5                   | 6        | 9       | 9           |
| Conditions orig. in perinatal period       | 0                              | 1        | 5            | 1       | 0                   | 2        | 2       | 2           |
| Congenital anomalies                       | 0                              | 2        | 4            | 0       | 2                   | 3        | 1       | 3           |
| Symptoms and ill-defined conditions        | 4                              | 0        | 6            | 3       | 0                   | 0        | 1       | 2           |
| All other diseases                         | 31                             | 56       | 128          | 47      | 41                  | 71       | 82      | 103         |
| Unintentional injuries                     | 14                             | 8        | 25           | 12      | 13                  | 33       | 23      | 45          |
| ...Motor vehicle crashes                   | 2                              | 3        | 4            | 2       | 2                   | 3        | 4       | 3           |
| ...Falls                                   | 4                              | 4        | 13           | 3       | 2                   | 15       | 9       | 18          |
| ...Accidental poisoning                    | 4                              | 1        | 3            | 2       | 3                   | 10       | 3       | 17          |
| ...Other unintentional injuries            | 4                              | 0        | 5            | 5       | 6                   | 5        | 7       | 7           |
| Suicide                                    | 8                              | 5        | 16           | 6       | 7                   | 10       | 5       | 6           |
| Homicide                                   | 2                              | 0        | 4            | 1       | 0                   | 1        | 0       | 1           |
| All other external causes                  | 0                              | 0        | 0            | 0       | 1                   | 1        | 0       | 0           |

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2011

|  | St. Joseph | St. Louis City | St. Peters | Springfield | University City | Wentzville | Wildwood |
|--|------------|----------------|------------|-------------|-----------------|------------|----------|
| All causes                                 | 867        | 2,991          | 336        | 1,699       | 341             | 138        | 117      |
| Enterocolitis due to Clostridium difficile | 3          | 14             | 2          | 6           | 1               | 0          | 0        |
| Septicemia                                 | 5          | 51             | 6          | 20          | 6               | 0          | 1        |
| HIV / AIDS                                 | 0          | 11             | 1          | 6           | 0               | 0          | 0        |
| Malignant neoplasms                        | 176        | 677            | 73         | 344         | 74              | 27         | 35       |
| ...Colon, rectum, and anus                 | 18         | 63             | 7          | 23          | 7               | 1          | 2        |
| ...Pancreas                                | 13         | 42             | 4          | 19          | 3               | 0          | 4        |
| ...Trachea, bronchus, and lung             | 55         | 200            | 26         | 95          | 13              | 10         | 5        |
| ...Breast                                  | 11         | 59             | 2          | 21          | 8               | 5          | 3        |
| ...Cervix uteri, corpus uteri, and ovary   | 7          | 34             | 1          | 15          | 2               | 0          | 2        |
| ...Prostate                                | 8          | 30             | 2          | 17          | 3               | 1          | 4        |
| ...Urinary tract                           | 10         | 27             | 2          | 15          | 3               | 2          | 1        |
| ...Non-Hodgkin's lymphoma                  | 5          | 13             | 2          | 20          | 3               | 1          | 0        |
| ...Leukemia                                | 7          | 24             | 6          | 13          | 3               | 0          | 1        |
| ...Other malignant neoplasms               | 42         | 185            | 21         | 106         | 29              | 7          | 13       |
| Diabetes mellitus                          | 43         | 113            | 12         | 26          | 12              | 6          | 2        |
| Alzheimer's disease                        | 30         | 57             | 9          | 73          | 10              | 3          | 3        |
| Parkinson's disease                        | 8          | 14             | 6          | 15          | 6               | 1          | 0        |
| Diseases of heart                          | 212        | 769            | 84         | 418         | 91              | 34         | 27       |
| Essential hypertension                     | 9          | 32             | 3          | 24          | 2               | 3          | 0        |
| Cerebrovascular diseases                   | 69         | 170            | 19         | 87          | 20              | 3          | 7        |
| Influenza and pneumonia                    | 17         | 62             | 4          | 47          | 6               | 4          | 4        |
| Chronic lower respiratory disease          | 64         | 127            | 15         | 103         | 8               | 6          | 3        |
| Pneumonitis due to solids and liquids      | 4          | 16             | 3          | 17          | 2               | 1          | 2        |
| Chronic liver disease and cirrhosis        | 9          | 26             | 1          | 16          | 5               | 1          | 1        |
| Nephritis and nephrosis                    | 10         | 59             | 4          | 49          | 4               | 2          | 1        |
| Conditions orig. in perinatal period       | 5          | 29             | 1          | 8           | 4               | 1          | 0        |
| Congenital anomalies                       | 5          | 14             | 0          | 4           | 1               | 1          | 1        |
| Symptoms and ill-defined conditions        | 10         | 14             | 1          | 18          | 5               | 0          | 3        |
| All other diseases                         | 133        | 411            | 61         | 263         | 69              | 30         | 18       |
| Unintentional injuries                     | 36         | 178            | 19         | 119         | 10              | 14         | 6        |
| ...Motor vehicle crashes                   | 9          | 32             | 2          | 19          | 4               | 5          | 3        |
| ...Falls                                   | 6          | 21             | 8          | 32          | 4               | 5          | 1        |
| ...Accidental poisoning                    | 8          | 89             | 8          | 47          | 1               | 2          | 0        |
| ...Other unintentional injuries            | 13         | 36             | 1          | 21          | 1               | 2          | 2        |
| Suicide                                    | 12         | 43             | 12         | 29          | 3               | 1          | 3        |
| Homicide                                   | 5          | 93             | 0          | 5           | 1               | 0          | 0        |
| All other external causes                  | 2          | 11             | 0          | 2           | 1               | 0          | 0        |

Table 27. Recorded Deaths by Type of Accident by Age by Sex: Missouri, 2011

|                                   | Total | All Ages |        | 0-4 Years |        | 5-14 Years |        | 15-24 Years |        | 25-44 Years |        | 45-64 Years |        | 65-74 Years |        | Over 74 |        |
|-----------------------------------|-------|----------|--------|-----------|--------|------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|---------|--------|
|                                   |       | Male     | Female | Male      | Female | Male       | Female | Male        | Female | Male        | Female | Male        | Female | Male        | Female | Male    | Female |
| <b>Recorded Total</b>             | 3,369 | 2,077    | 1,292  | 62        | 38     | 37         | 16     | 294         | 93     | 553         | 240    | 611         | 277    | 159         | 105    | 401     | 523    |
| <b>Work Total</b>                 | 97    | 89       | 8      | 0         | 0      | 1          | 0      | 4           | 0      | 26          | 7      | 39          | 1      | 11          | 0      | 8       | 0      |
| Heavy transport vehicle           | 4     | 4        | 0      | 0         | 0      | 0          | 0      | 0           | 0      | 1           | 0      | 3           | 0      | 0           | 0      | 0       | 0      |
| Other motor vehicle               | 26    | 23       | 3      | 0         | 0      | 0          | 0      | 0           | 0      | 5           | 2      | 14          | 1      | 3           | 0      | 1       | 0      |
| Other transport                   | 10    | 10       | 0      | 0         | 0      | 0          | 0      | 0           | 0      | 3           | 0      | 3           | 0      | 2           | 0      | 2       | 0      |
| Falls                             | 11    | 10       | 1      | 0         | 0      | 0          | 0      | 1           | 0      | 0           | 1      | 5           | 0      | 3           | 0      | 1       | 0      |
| Farm machinery                    | 4     | 4        | 0      | 0         | 0      | 0          | 0      | 0           | 0      | 1           | 0      | 1           | 0      | 1           | 0      | 1       | 0      |
| Other machinery                   | 4     | 4        | 0      | 0         | 0      | 0          | 0      | 1           | 0      | 1           | 0      | 2           | 0      | 0           | 0      | 0       | 0      |
| Struck by/against object          | 12    | 12       | 0      | 0         | 0      | 0          | 0      | 1           | 0      | 4           | 0      | 4           | 0      | 0           | 0      | 3       | 0      |
| Electric current                  | 3     | 2        | 1      | 0         | 0      | 0          | 0      | 0           | 0      | 1           | 1      | 1           | 0      | 0           | 0      | 0       | 0      |
| Other/unspecified accident        | 23    | 20       | 3      | 0         | 0      | 1          | 0      | 1           | 0      | 10          | 3      | 6           | 0      | 2           | 0      | 0       | 0      |
| <b>Home Total</b>                 | 1,166 | 682      | 484    | 42        | 28     | 9          | 1      | 51          | 19     | 190         | 95     | 210         | 125    | 52          | 40     | 128     | 176    |
| Falls                             | 358   | 169      | 189    | 0         | 0      | 0          | 0      | 0           | 0      | 9           | 0      | 30          | 13     | 26          | 26     | 104     | 150    |
| Machinery                         | 2     | 2        | 0      | 0         | 0      | 0          | 0      | 0           | 0      | 1           | 0      | 0           | 0      | 1           | 0      | 0       | 0      |
| Firearms                          | 12    | 10       | 2      | 2         | 2      | 0          | 0      | 3           | 0      | 0           | 0      | 4           | 0      | 1           | 0      | 0       | 0      |
| Struck by/against object          | 11    | 8        | 3      | 0         | 0      | 0          | 0      | 0           | 0      | 0           | 0      | 4           | 0      | 2           | 2      | 2       | 1      |
| Drowning                          | 18    | 13       | 5      | 8         | 0      | 2          | 0      | 0           | 0      | 0           | 0      | 2           | 4      | 1           | 0      | 0       | 1      |
| Choke/suffocate                   | 76    | 48       | 28     | 30        | 23     | 1          | 0      | 2           | 1      | 1           | 0      | 9           | 3      | 2           | 1      | 3       | 0      |
| Excess natural heat/cold          | 33    | 16       | 17     | 0         | 0      | 0          | 0      | 0           | 0      | 0           | 1      | 7           | 5      | 5           | 2      | 4       | 9      |
| Fire/flame/smoke                  | 59    | 36       | 23     | 1         | 3      | 3          | 0      | 2           | 4      | 2           | 2      | 13          | 4      | 6           | 3      | 9       | 7      |
| Poisoning (drug/alcohol)          | 537   | 348      | 189    | 0         | 0      | 1          | 0      | 43          | 12     | 169         | 85     | 129         | 90     | 6           | 2      | 0       | 0      |
| Poisoning (gas/other)             | 22    | 15       | 7      | 0         | 0      | 0          | 0      | 1           | 2      | 7           | 3      | 3           | 0      | 1           | 0      | 3       | 2      |
| Other/unspecified accident        | 38    | 17       | 21     | 1         | 0      | 2          | 1      | 0           | 0      | 1           | 4      | 9           | 6      | 1           | 4      | 3       | 6      |
| <b>Public Transport Total</b>     | 903   | 632      | 271    | 7         | 6      | 20         | 11     | 146         | 56     | 177         | 68     | 183         | 70     | 45          | 20     | 54      | 40     |
| Car or truck                      | 658   | 427      | 231    | 3         | 4      | 12         | 9      | 117         | 52     | 122         | 57     | 105         | 54     | 26          | 20     | 42      | 35     |
| Pedestrian                        | 85    | 65       | 20     | 3         | 2      | 3          | 1      | 7           | 2      | 15          | 6      | 27          | 7      | 6           | 0      | 4       | 2      |
| Pedal cyclist                     | 3     | 3        | 0      | 0         | 0      | 0          | 0      | 0           | 0      | 1           | 0      | 1           | 0      | 0           | 0      | 1       | 0      |
| Motorcyclist                      | 92    | 85       | 7      | 0         | 0      | 2          | 1      | 15          | 1      | 29          | 3      | 32          | 2      | 7           | 0      | 0       | 0      |
| Railroad (not motor vehicle)      | 6     | 4        | 2      | 0         | 0      | 0          | 0      | 1           | 0      | 2           | 1      | 1           | 0      | 0           | 0      | 0       | 1      |
| Non-road vehicle (including ATV)  | 21    | 18       | 3      | 0         | 0      | 1          | 0      | 4           | 1      | 5           | 1      | 6           | 0      | 1           | 0      | 1       | 1      |
| Water transport                   | 13    | 13       | 0      | 0         | 0      | 1          | 0      | 0           | 0      | 3           | 0      | 5           | 0      | 1           | 0      | 3       | 0      |
| Air transport                     | 7     | 4        | 3      | 0         | 0      | 0          | 0      | 0           | 0      | 0           | 0      | 3           | 0      | 0           | 0      | 1       | 0      |
| Other/unspecified transport       | 18    | 13       | 5      | 1         | 0      | 1          | 0      | 2           | 0      | 0           | 0      | 3           | 4      | 4           | 0      | 2       | 1      |
| <b>Public Non-Transport Total</b> | 1,180 | 659      | 521    | 13        | 4      | 7          | 4      | 53          | 18     | 152         | 68     | 174         | 79     | 50          | 45     | 210     | 303    |
| Falls                             | 382   | 165      | 217    | 1         | 0      | 0          | 0      | 2           | 0      | 5           | 4      | 18          | 6      | 21          | 16     | 118     | 191    |
| Machinery                         | 4     | 4        | 0      | 0         | 0      | 0          | 0      | 0           | 0      | 0           | 0      | 2           | 0      | 2           | 0      | 0       | 0      |
| Firearms                          | 10    | 10       | 0      | 1         | 0      | 0          | 0      | 2           | 0      | 3           | 0      | 3           | 0      | 0           | 0      | 1       | 0      |
| Struck by/against object          | 9     | 8        | 1      | 0         | 0      | 0          | 0      | 1           | 0      | 2           | 0      | 3           | 0      | 1           | 0      | 1       | 1      |
| Drowning                          | 68    | 61       | 7      | 3         | 0      | 2          | 2      | 15          | 0      | 20          | 3      | 13          | 2      | 0           | 0      | 8       | 0      |
| Choke/suffocate                   | 108   | 67       | 41     | 6         | 3      | 0          | 0      | 0           | 0      | 3           | 5      | 16          | 7      | 9           | 5      | 33      | 21     |
| Excess natural heat/cold          | 21    | 18       | 3      | 0         | 0      | 0          | 0      | 1           | 0      | 5           | 1      | 6           | 0      | 2           | 1      | 4       | 1      |
| Fire/flame/smoke                  | 19    | 10       | 9      | 0         | 1      | 1          | 0      | 1           | 1      | 0           | 0      | 4           | 3      | 0           | 2      | 4       | 2      |
| Poisoning (drug/alcohol)          | 301   | 195      | 106    | 0         | 0      | 0          | 0      | 25          | 11     | 90          | 46     | 76          | 40     | 2           | 2      | 2       | 7      |
| Poisoning (gas/other)             | 14    | 13       | 1      | 0         | 0      | 0          | 0      | 1           | 0      | 7           | 1      | 4           | 0      | 1           | 0      | 0       | 0      |
| Other/unspecified accident        | 244   | 108      | 136    | 2         | 0      | 4          | 2      | 5           | 6      | 17          | 8      | 29          | 21     | 12          | 19     | 39      | 80     |
| <b>Late Effects of Accidents</b>  | 23    | 15       | 8      | 0         | 0      | 0          | 0      | 0           | 0      | 8           | 2      | 5           | 2      | 1           | 0      | 1       | 4      |

**Table 28. Resident Deaths by Selected Characteristics by Determination of Tobacco Use Contributing to Death: Missouri, 2011**

|                                   | Total  | Smoking Contributed to Death |          |        | Percentage |          |      |      |      |
|-----------------------------------|--------|------------------------------|----------|--------|------------|----------|------|------|------|
|                                   |        | Yes                          | Probably | No     | Yes        | Probably | No   |      |      |
| <u>State Total</u>                | 55,599 | 5,779                        | 2,449    | 26,788 | 20,583     | 10.4     | 4.4  | 48.2 | 37.0 |
| <u>Gender</u>                     |        |                              |          |        |            |          |      |      |      |
| Male                              | 27,533 | 3,327                        | 1,495    | 11,912 | 10,799     | 12.1     | 5.4  | 43.3 | 39.2 |
| Female                            | 28,066 | 2,452                        | 954      | 14,876 | 9,784      | 8.7      | 3.4  | 53.0 | 34.9 |
| <u>Decedent's Race</u>            |        |                              |          |        |            |          |      |      |      |
| White, Non-Hispanic               | 49,364 | 5,282                        | 2,203    | 23,601 | 18,278     | 10.7     | 4.5  | 47.8 | 37.0 |
| Black, Non-Hispanic               | 5,338  | 429                          | 219      | 2,702  | 1,988      | 8.0      | 4.1  | 50.6 | 37.2 |
| Other, Non-Hispanic*              | 508    | 43                           | 17       | 275    | 173        | 8.5      | 3.3  | 54.1 | 34.1 |
| Hispanic, Any Race                | 340    | 20                           | 7        | 194    | 119        | 5.9      | 2.1  | 57.1 | 35.0 |
| <u>Decedent's Age</u>             |        |                              |          |        |            |          |      |      |      |
| Under 35                          | 2,452  | 15                           | 10       | 1,937  | 490        | 0.6      | 0.4  | 79.0 | 20.0 |
| 35-44                             | 1,493  | 53                           | 43       | 891    | 506        | 3.5      | 2.9  | 59.7 | 33.9 |
| 45-54                             | 4,100  | 477                          | 214      | 1,859  | 1,550      | 11.6     | 5.2  | 45.3 | 37.8 |
| 55-64                             | 7,145  | 1,111                        | 453      | 2,636  | 2,945      | 15.5     | 6.3  | 36.9 | 41.2 |
| 65-74                             | 9,482  | 1,772                        | 640      | 3,375  | 3,695      | 18.7     | 6.7  | 35.6 | 39.0 |
| 75-84                             | 14,054 | 1,658                        | 679      | 6,442  | 5,275      | 11.8     | 4.8  | 45.8 | 37.5 |
| 85+                               | 16,869 | 692                          | 410      | 9,647  | 6,120      | 4.1      | 2.4  | 57.2 | 36.3 |
| <u>Underlying Cause of Death</u>  |        |                              |          |        |            |          |      |      |      |
| Heart Disease                     | 13,746 | 968                          | 570      | 5,763  | 6,445      | 7.0      | 4.1  | 41.9 | 46.9 |
| Cancer                            | 12,403 | 2,286                        | 860      | 5,176  | 4,081      | 18.4     | 6.9  | 41.7 | 32.9 |
| ...Lung Cancer                    | 3,817  | 1,815                        | 551      | 356    | 1,095      | 47.6     | 14.4 | 9.3  | 28.7 |
| ...Other Cancer                   | 8,586  | 471                          | 309      | 4,820  | 2,986      | 5.5      | 3.6  | 56.1 | 34.8 |
| Chronic lower respiratory disease | 3,483  | 1,605                        | 406      | 436    | 1,036      | 46.1     | 11.7 | 12.5 | 29.7 |
| Stroke                            | 3,010  | 143                          | 78       | 1,553  | 1,236      | 4.8      | 2.6  | 51.6 | 41.1 |
| Unintentional injuries            | 3,179  | 42                           | 24       | 2,398  | 715        | 1.3      | 0.8  | 75.4 | 22.5 |
| Alzheimer's disease               | 1,916  | 22                           | 23       | 1,197  | 674        | 1.1      | 1.2  | 62.5 | 35.2 |
| Diabetes mellitus                 | 1,421  | 103                          | 69       | 692    | 557        | 7.2      | 4.9  | 48.7 | 39.2 |
| Influenza and pneumonia           | 1,200  | 37                           | 29       | 624    | 510        | 3.1      | 2.4  | 52.0 | 42.5 |
| Nephritis and nephrosis           | 1,251  | 52                           | 30       | 607    | 562        | 4.2      | 2.4  | 48.5 | 44.9 |
| Other                             | 13,990 | 521                          | 360      | 8,342  | 4,767      | 3.7      | 2.6  | 59.6 | 34.1 |

\*: Includes Deaths from Persons of Multiple Races

Table 29. Abridged Life Table for Total Population and by Sex: Missouri, 2011  
Total Population

| Age Interval | Proportion of persons<br>alive at beginning of<br>age interval dying<br>during interval | Of 100,000 Born Alive                                     |   | Stationary Population               |   | Average Remaining<br>Lifetime |
|--------------|---|---|---|-------------------------------------|---|-------------------------------|
|              |   | $L_x$<br>Number living at<br>beginning of<br>age interval | ${}_nD_x$<br>Number dying<br>during age<br>interval | ${}_nL_x$<br>In the age<br>interval | $T_x$<br>In this and all<br>subsequent age<br>intervals |                               |
| X TO X+N     | ${}_nQ_x$   | $L_x$   | ${}_nD_x$   | ${}_nL_x$                           | $T_x$   | $E_x$                         |
| 0-1          | 0.0063  | 100,000   | 634   | 99,430                              | 7,760,562   | 77.6                          |
| 1-5          | 0.0013  | 99,366  | 130   | 397,205                             | 7,661,133   | 77.1                          |
| 5-10         | 0.0006  | 99,236  | 55  | 496,044                             | 7,263,928   | 73.2                          |
| 10-15        | 0.0009  | 99,181  | 91  | 495,679                             | 6,767,884   | 68.2                          |
| 15-20        | 0.0032  | 99,090  | 314   | 494,665                             | 6,272,205   | 63.3                          |
| 20-25        | 0.0054  | 98,776  | 531   | 492,553                             | 5,777,540   | 58.5                          |
| 25-30        | 0.0060  | 98,245  | 593   | 489,745                             | 5,284,987   | 53.8                          |
| 30-35        | 0.0071  | 97,653  | 695   | 486,526                             | 4,795,243   | 49.1                          |
| 35-40        | 0.0080  | 96,958  | 778   | 482,842                             | 4,308,717   | 44.4                          |
| 40-45        | 0.0120  | 96,179  | 1,156   | 478,007                             | 3,825,874   | 39.8                          |
| 45-50        | 0.0185  | 95,024  | 1,762   | 470,712                             | 3,347,867   | 35.2                          |
| 50-55        | 0.0275  | 93,261  | 2,566   | 459,892                             | 2,877,156   | 30.9                          |
| 55-60        | 0.0396  | 90,696  | 3,594   | 444,493                             | 2,417,264   | 26.7                          |
| 60-65        | 0.0538  | 87,102  | 4,690   | 423,784                             | 1,972,771   | 22.6                          |
| 65-70        | 0.0797  | 82,412  | 6,564   | 395,649                             | 1,548,987   | 18.8                          |
| 70-75        | 0.1210  | 75,848  | 9,177   | 356,296                             | 1,153,338   | 15.2                          |
| 75-80        | 0.1833  | 66,671  | 12,221  | 302,800                             | 797,042   | 12.0                          |
| 80-85        | 0.2790  | 54,449  | 15,194  | 234,262                             | 494,242   | 9.1                           |
| 85+          | 1.0000  | 39,256  | 39,256  | 259,980                             | 259,980   | 6.6                           |



Table 29. Abridged Life Table for Total Population and by Sex: Missouri, 2011

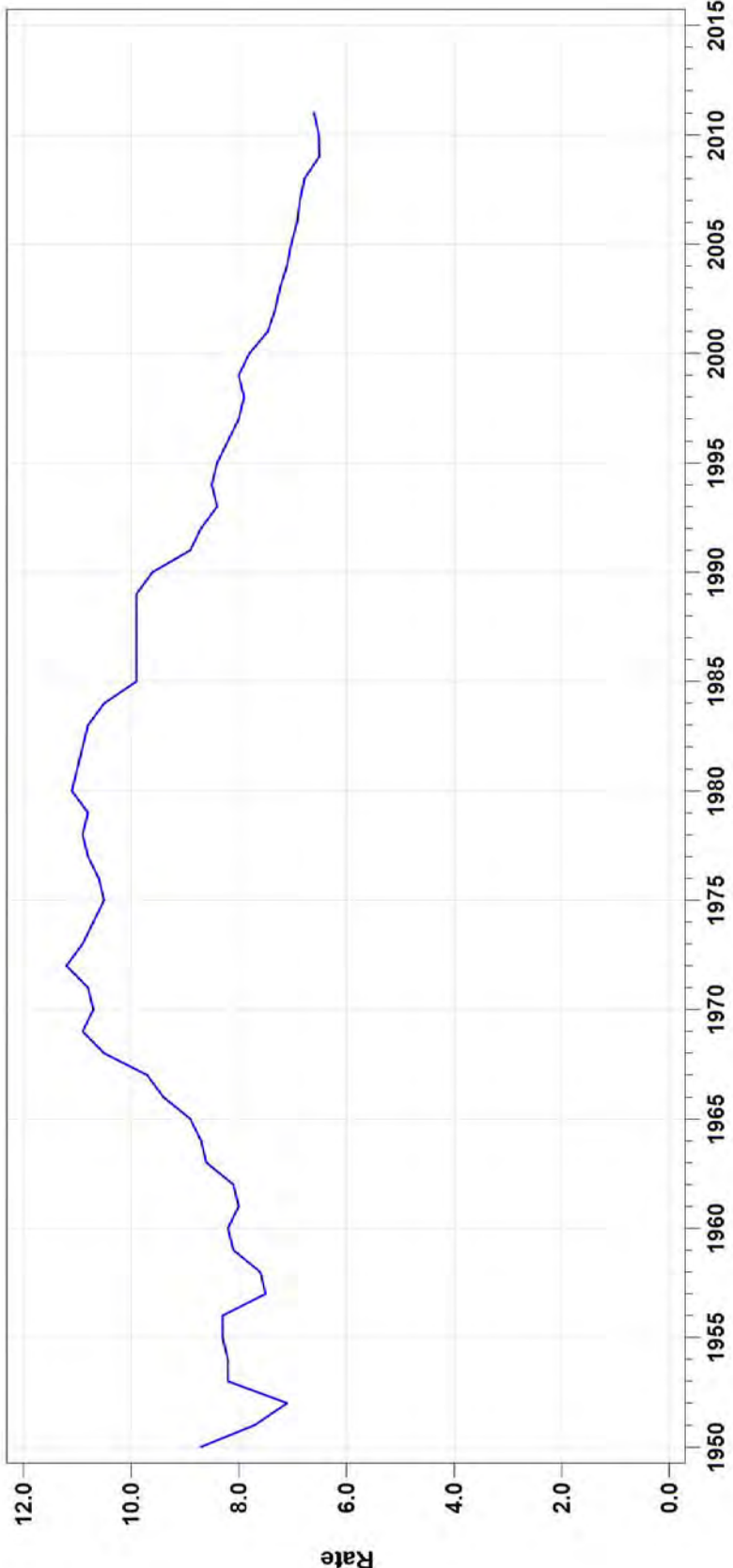
Male Population

| Age Interval | Proportion of persons alive at beginning of age interval dying during interval | Of 100,000 Born Alive                      |                                  | Stationary Population |  | Average Remaining Lifetime |
|--------------|--|--|----------------------------------|-----------------------|--|----------------------------|
|              |  | Number living at beginning of age interval | Number dying during age interval | In the age interval   | In this and all subsequent age intervals |                            |
| X TO X+N     | $\frac{nQ_x}{N}$   | $L_x$                                      | $nD_x$                           | $nL_x$                | $T_x$                                    | $E_x$                      |
| 0-1          | 0.0071   | 100,000                                    | 714                              | 99,357                | 7,507,523                                | 75.1                       |
| 1-5          | 0.0017   | 99,286                                     | 169                              | 396,806               | 7,408,166                                | 74.6                       |
| 5-10         | 0.0005   | 99,117                                     | 52                               | 495,454               | 7,011,360                                | 70.7                       |
| 10-15        | 0.0012   | 99,065                                     | 117                              | 495,031               | 6,515,906                                | 65.8                       |
| 15-20        | 0.0045   | 98,948                                     | 442                              | 493,634               | 6,020,875                                | 60.8                       |
| 20-25        | 0.0079   | 98,506                                     | 779                              | 490,582               | 5,527,242                                | 56.1                       |
| 25-30        | 0.0085   | 97,727                                     | 832                              | 486,556               | 5,036,659                                | 51.5                       |
| 30-35        | 0.0094   | 96,895                                     | 911                              | 482,200               | 4,550,103                                | 47.0                       |
| 35-40        | 0.0102   | 95,984                                     | 979                              | 477,475               | 4,067,903                                | 42.4                       |
| 40-45        | 0.0145   | 95,005                                     | 1,376                            | 471,588               | 3,590,428                                | 37.8                       |
| 45-50        | 0.0235   | 93,630                                     | 2,200                            | 462,651               | 3,118,840                                | 33.3                       |
| 50-55        | 0.0338   | 91,430                                     | 3,088                            | 449,432               | 2,656,189                                | 29.1                       |
| 55-60        | 0.0492   | 88,342                                     | 4,346                            | 430,847               | 2,206,757                                | 25.0                       |
| 60-65        | 0.0679   | 83,996                                     | 5,700                            | 405,733               | 1,775,910                                | 21.1                       |
| 65-70        | 0.0952   | 78,297                                     | 7,453                            | 372,850               | 1,370,178                                | 17.5                       |
| 70-75        | 0.1435   | 70,843                                     | 10,164                           | 328,806               | 997,328                                  | 14.1                       |
| 75-80        | 0.2146   | 60,679                                     | 13,020                           | 270,845               | 668,522                                  | 11.0                       |
| 80-85        | 0.3182   | 47,659                                     | 15,163                           | 200,387               | 397,677                                  | 8.3                        |
| 85+          | 1.0000   | 32,496                                     | 32,496                           | 197,289               | 197,289                                  | 6.1                        |

Table 29. Abridged Life Table for Total Population and by Sex: Missouri, 2011  
Female Population

| Age Interval | Proportion of persons<br>alive at beginning of<br>age interval dying<br>during interval | Of 100,000 Born Alive                            |  | Stationary Population  |  | Average Remaining<br>Lifetime |
|--------------|---|--|--|------------------------|--|-------------------------------|
|              |   | Number living at<br>beginning of<br>age interval | Number dying<br>during age<br>interval | In the age<br>interval | In this and all<br>subsequent age<br>intervals |                               |
| X TO X+N     | ${}_nQ_x$   | $L_x$  | ${}_nD_x$                              | ${}_nL_x$              | $T_x$  | $E_x$                         |
| 0-1          | 0.0055  | 100,000  | 549                                    | 99,506                 | 8,008,724                                      | 80.1                          |
| 1-5          | 0.0009  | 99,451   | 90                                     | 397,626                | 7,909,218                                      | 79.5                          |
| 5-10         | 0.0006  | 99,362   | 58                                     | 496,665                | 7,511,593                                      | 75.6                          |
| 10-15        | 0.0006  | 99,304   | 64                                     | 496,361                | 7,014,928                                      | 70.6                          |
| 15-20        | 0.0018  | 99,240   | 180                                    | 495,752                | 6,518,567                                      | 65.7                          |
| 20-25        | 0.0028  | 99,061   | 279                                    | 494,606                | 6,022,816                                      | 60.8                          |
| 25-30        | 0.0035  | 98,782   | 350                                    | 493,035                | 5,528,209                                      | 56.0                          |
| 30-35        | 0.0048  | 98,432   | 475                                    | 490,972                | 5,035,175                                      | 51.2                          |
| 35-40        | 0.0059  | 97,957   | 576                                    | 488,345                | 4,544,202                                      | 46.4                          |
| 40-45        | 0.0096  | 97,381   | 933                                    | 484,572                | 4,055,857                                      | 41.6                          |
| 45-50        | 0.0137  | 96,448   | 1,319                                  | 478,941                | 3,571,285                                      | 37.0                          |
| 50-55        | 0.0214  | 95,129   | 2,037                                  | 470,551                | 3,092,344                                      | 32.5                          |
| 55-60        | 0.0306  | 93,092   | 2,844                                  | 458,348                | 2,621,793                                      | 28.2                          |
| 60-65        | 0.0408  | 90,248   | 3,685                                  | 442,025                | 2,163,445                                      | 24.0                          |
| 65-70        | 0.0656  | 86,562   | 5,675                                  | 418,625                | 1,721,420                                      | 19.9                          |
| 70-75        | 0.1015  | 80,888   | 8,207                                  | 383,922                | 1,302,795                                      | 16.1                          |
| 75-80        | 0.1581  | 72,681   | 11,494                                 | 334,671                | 918,873  | 12.6                          |
| 80-85        | 0.2518  | 61,187   | 15,406                                 | 267,421                | 584,202  | 9.5                           |
| 85+          | 1.0000  | 45,781   | 45,781                                 | 316,781                | 316,781  | 6.9                           |

**Graph F. Marriage Rates per 1,000 Population: Missouri, 1950-2011**



| Year | Marriages | Rate | Year | Marriages | Rate | Year | Marriages | Rate |
|------|-----------|------|------|-----------|------|------|-----------|------|
| 1950 | 34,300    | 8.7  | 1975 | 50,147    | 10.5 | 2000 | 43,665    | 7.8  |
| 1955 | 34,162    | 8.3  | 1980 | 54,625    | 11.1 | 2005 | 40,675    | 7.0  |
| 1960 | 35,368    | 8.2  | 1985 | 49,484    | 9.9  | 2006 | 40,399    | 6.9  |
| 1965 | 39,882    | 8.9  | 1990 | 49,063    | 9.6  | 2007 | 40,405    | 6.9  |
| 1970 | 50,224    | 10.7 | 1995 | 45,057    | 8.4  | 2008 | 40,146    | 6.8  |
|      |           |      |      |           |      | 2009 | 38,768    | 6.5  |
|      |           |      |      |           |      | 2010 | 38,998    | 6.5  |
|      |           |      |      |           |      | 2011 | 39,481    | 6.6  |

**Table 30. Reported Marriages By Age of Groom By Age of Bride: Missouri, 2011**

| Age of Groom        | Total  | Age of Bride |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------------|--------|--------------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                     |        | 15 And Under | 16 | 17  | 18  | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    |
| <b>Total</b>        | 39,481 | 42           | 57 | 164 | 779 | 1,215 | 1,514 | 1,903 | 2,162 | 2,358 | 2,335 | 2,377 | 2,224 | 2,041 | 1,751 | 1,539 | 1,386 |
| <b>15 And Under</b> | 2      | 1            | 0  | 1   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>16</b>           | 10     | 1            | 3  | 1   | 3   | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>17</b>           | 34     | 7            | 3  | 5   | 10  | 3     | 3     | 2     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| <b>18</b>           | 301    | 9            | 11 | 39  | 108 | 69    | 27    | 8     | 9     | 6     | 1     | 3     | 0     | 2     | 1     | 3     | 0     |
| <b>19</b>           | 653    | 5            | 10 | 39  | 170 | 185   | 110   | 57    | 23    | 14    | 8     | 11    | 6     | 2     | 5     | 2     | 2     |
| <b>20</b>           | 1,007  | 8            | 11 | 31  | 155 | 248   | 244   | 150   | 63    | 31    | 13    | 16    | 15    | 6     | 2     | 6     | 2     |
| <b>21</b>           | 1,286  | 4            | 7  | 15  | 105 | 215   | 295   | 278   | 170   | 68    | 35    | 25    | 15    | 9     | 12    | 4     | 4     |
| <b>22</b>           | 1,674  | 0            | 6  | 10  | 73  | 154   | 245   | 344   | 367   | 187   | 87    | 60    | 39    | 28    | 16    | 10    | 11    |
| <b>23</b>           | 1,909  | 3            | 2  | 10  | 45  | 89    | 179   | 276   | 392   | 417   | 198   | 81    | 46    | 43    | 26    | 21    | 20    |
| <b>24</b>           | 2,082  | 2            | 0  | 1   | 37  | 70    | 95    | 216   | 308   | 413   | 406   | 192   | 98    | 72    | 44    | 28    | 31    |
| <b>25</b>           | 2,172  | 0            | 2  | 2   | 17  | 44    | 72    | 146   | 221   | 312   | 393   | 391   | 208   | 124   | 70    | 49    | 29    |
| <b>26</b>           | 2,163  | 1            | 1  | 3   | 12  | 48    | 58    | 106   | 167   | 230   | 284   | 352   | 343   | 186   | 102   | 87    | 46    |
| <b>27</b>           | 2,110  | 1            | 0  | 1   | 8   | 19    | 45    | 81    | 119   | 157   | 240   | 295   | 346   | 277   | 161   | 87    | 68    |
| <b>28</b>           | 1,965  | 0            | 0  | 2   | 13  | 12    | 34    | 53    | 73    | 136   | 162   | 224   | 254   | 285   | 246   | 139   | 95    |
| <b>29</b>           | 1,775  | 0            | 0  | 0   | 5   | 12    | 25    | 47    | 50    | 88    | 117   | 173   | 187   | 237   | 213   | 181   | 108   |
| <b>30</b>           | 1,593  | 0            | 1  | 0   | 3   | 11    | 11    | 30    | 38    | 68    | 94    | 121   | 163   | 164   | 174   | 177   | 168   |
| <b>31</b>           | 1,521  | 0            | 0  | 1   | 4   | 4     | 17    | 21    | 38    | 47    | 61    | 102   | 125   | 143   | 157   | 166   | 151   |
| <b>32</b>           | 1,239  | 0            | 0  | 0   | 3   | 4     | 11    | 21    | 21    | 34    | 46    | 70    | 73    | 95    | 99    | 121   | 132   |
| <b>33</b>           | 1,102  | 0            | 0  | 0   | 1   | 4     | 3     | 9     | 15    | 28    | 38    | 49    | 63    | 73    | 79    | 73    | 92    |
| <b>34</b>           | 988    | 0            | 0  | 1   | 1   | 5     | 6     | 12    | 13    | 25    | 34    | 45    | 52    | 54    | 65    | 72    | 70    |
| <b>35-39</b>        | 3,838  | 0            | 0  | 2   | 2   | 12    | 15    | 27    | 49    | 59    | 72    | 102   | 121   | 161   | 190   | 217   | 240   |
| <b>40-44</b>        | 2,974  | 0            | 0  | 0   | 3   | 4     | 8     | 11    | 12    | 21    | 21    | 39    | 47    | 51    | 57    | 59    | 67    |
| <b>45-49</b>        | 2,384  | 0            | 0  | 0   | 0   | 1     | 7     | 4     | 6     | 8     | 13    | 12    | 11    | 17    | 20    | 23    | 34    |
| <b>50-54</b>        | 1,829  | 0            | 0  | 0   | 0   | 1     | 2     | 2     | 3     | 4     | 6     | 8     | 6     | 9     | 10    | 7     | 10    |
| <b>55-59</b>        | 1,199  | 0            | 0  | 0   | 0   | 0     | 0     | 2     | 3     | 3     | 4     | 2     | 3     | 1     | 1     | 5     | 4     |
| <b>60-64</b>        | 749    | 0            | 0  | 0   | 1   | 0     | 1     | 0     | 2     | 0     | 1     | 2     | 3     | 1     | 1     | 2     | 0     |
| <b>65-69</b>        | 389    | 0            | 0  | 0   | 0   | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 2     |
| <b>70-74</b>        | 254    | 0            | 0  | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     |
| <b>75 +</b>         | 276    | 0            | 0  | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Not Stated</b>   | 3      | 0            | 0  | 0   | 0   | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

**Table 30. Reported Marriages By Age of Groom By Age of Bride: Missouri, 2011**

| Age of Groom        | Age of Bride |       |     |     |       |       |       |       |       |       |       |       |      | Not Stated |
|---------------------|--------------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|------------|
|                     | 31           | 32    | 33  | 34  | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75 + |            |
| <b>Total</b>        | 1,298        | 1,086 | 885 | 823 | 3,379 | 2,603 | 2,126 | 1,527 | 861   | 492   | 283   | 149   | 118  | 4          |
| <b>15 And Under</b> | 0            | 0     | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>16</b>           | 0            | 0     | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>17</b>           | 0            | 0     | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>18</b>           | 2            | 1     | 0   | 2   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>19</b>           | 1            | 1     | 0   | 1   | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>20</b>           | 1            | 2     | 1   | 0   | 2     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>21</b>           | 7            | 3     | 5   | 3   | 6     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>22</b>           | 5            | 5     | 5   | 1   | 12    | 8     | 0     | 1     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>23</b>           | 12           | 10    | 9   | 5   | 20    | 5     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>24</b>           | 11           | 17    | 6   | 7   | 22    | 6     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>25</b>           | 14           | 21    | 19  | 11  | 21    | 4     | 1     | 1     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>26</b>           | 39           | 26    | 16  | 6   | 38    | 7     | 4     | 0     | 0     | 0     | 0     | 0     | 0    | 1          |
| <b>27</b>           | 52           | 37    | 15  | 21  | 61    | 16    | 3     | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>28</b>           | 58           | 46    | 33  | 21  | 50    | 24    | 3     | 0     | 1     | 0     | 0     | 0     | 0    | 1          |
| <b>29</b>           | 94           | 59    | 50  | 26  | 81    | 17    | 4     | 1     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>30</b>           | 97           | 63    | 61  | 35  | 80    | 30    | 3     | 1     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>31</b>           | 162          | 107   | 44  | 34  | 101   | 31    | 4     | 1     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>32</b>           | 129          | 96    | 63  | 51  | 124   | 37    | 7     | 2     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>33</b>           | 114          | 108   | 91  | 60  | 144   | 45    | 9     | 3     | 0     | 0     | 0     | 0     | 1    | 0          |
| <b>34</b>           | 62           | 87    | 80  | 81  | 171   | 38    | 14    | 0     | 0     | 0     | 0     | 0     | 0    | 0          |
| <b>35-39</b>        | 271          | 246   | 243 | 249 | 1,042 | 365   | 110   | 35    | 6     | 1     | 1     | 0     | 0    | 0          |
| <b>40-44</b>        | 88           | 98    | 86  | 129 | 832   | 856   | 347   | 108   | 18    | 11    | 1     | 0     | 0    | 0          |
| <b>45-49</b>        | 45           | 34    | 35  | 51  | 351   | 647   | 724   | 254   | 70    | 10    | 7     | 0     | 0    | 0          |
| <b>50-54</b>        | 25           | 10    | 14  | 13  | 150   | 294   | 521   | 514   | 157   | 53    | 5     | 2     | 2    | 1          |
| <b>55-59</b>        | 5            | 8     | 6   | 10  | 52    | 107   | 252   | 360   | 294   | 61    | 12    | 4     | 0    | 0          |
| <b>60-64</b>        | 3            | 1     | 2   | 4   | 11    | 44    | 76    | 163   | 196   | 166   | 55    | 13    | 1    | 0          |
| <b>65-69</b>        | 1            | 0     | 0   | 1   | 4     | 15    | 24    | 57    | 76    | 113   | 71    | 19    | 5    | 0          |
| <b>70-74</b>        | 0            | 0     | 0   | 1   | 3     | 4     | 11    | 19    | 26    | 48    | 70    | 53    | 16   | 0          |
| <b>75 +</b>         | 0            | 0     | 0   | 0   | 0     | 3     | 8     | 7     | 17    | 29    | 61    | 58    | 93   | 0          |
| <b>Not Stated</b>   | 0            | 0     | 1   | 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1          |

**Table 31: Reported Marriages By Age by Previous Marital Status of Bride and Groom - Missouri, 2011**

| <u>Age</u>                    | <u>Bride</u> |        |         |          | <u>Groom</u> |        |         |          |
|-------------------------------|--------------|--------|---------|----------|--------------|--------|---------|----------|
|                               | Total        | Single | Widowed | Divorced | Total        | Single | Widowed | Divorced |
| <b>Total</b>                  | 39,481       | 25,402 | 1,218   | 12,773   | 39,481       | 25,364 | 1,084   | 12,966   |
| <b>15 And Under</b>           | 42           | 42     | 0       | 0        | 2            | 2      | 0       | 0        |
| <b>16</b>                     | 57           | 57     | 0       | 0        | 10           | 10     | 0       | 0        |
| <b>17</b>                     | 164          | 164    | 0       | 0        | 34           | 34     | 0       | 0        |
| <b>18</b>                     | 779          | 777    | 0       | 2        | 301          | 299    | 0       | 0        |
| <b>19</b>                     | 1,215        | 1,205  | 0       | 7        | 653          | 650    | 0       | 0        |
| <b>20</b>                     | 1,514        | 1,478  | 2       | 31       | 1,007        | 999    | 0       | 8        |
| <b>21</b>                     | 1,903        | 1,842  | 1       | 54       | 1,286        | 1,260  | 0       | 25       |
| <b>22</b>                     | 2,162        | 2,062  | 3       | 96       | 1,674        | 1,630  | 0       | 43       |
| <b>23</b>                     | 2,358        | 2,191  | 1       | 163      | 1,909        | 1,829  | 1       | 79       |
| <b>24</b>                     | 2,335        | 2,106  | 3       | 224      | 2,082        | 1,970  | 1       | 110      |
| <b>25</b>                     | 2,377        | 2,101  | 6       | 267      | 2,172        | 2,031  | 1       | 136      |
| <b>26</b>                     | 2,224        | 1,927  | 7       | 287      | 2,163        | 1,969  | 0       | 192      |
| <b>27</b>                     | 2,041        | 1,695  | 8       | 335      | 2,110        | 1,850  | 1       | 255      |
| <b>28</b>                     | 1,751        | 1,358  | 10      | 379      | 1,965        | 1,681  | 4       | 279      |
| <b>29</b>                     | 1,539        | 1,128  | 7       | 404      | 1,775        | 1,473  | 4       | 295      |
| <b>30</b>                     | 1,386        | 928    | 8       | 449      | 1,593        | 1,224  | 1       | 366      |
| <b>31</b>                     | 1,298        | 821    | 4       | 467      | 1,521        | 1,095  | 4       | 421      |
| <b>32</b>                     | 1,086        | 594    | 14      | 477      | 1,239        | 853    | 5       | 379      |
| <b>33</b>                     | 885          | 435    | 10      | 438      | 1,102        | 696    | 6       | 398      |
| <b>34</b>                     | 823          | 361    | 14      | 441      | 988          | 549    | 8       | 429      |
| <b>35-39</b>                  | 3,379        | 1,076  | 107     | 2,183    | 3,838        | 1,656  | 39      | 2,139    |
| <b>40-44</b>                  | 2,603        | 535    | 93      | 1,964    | 2,974        | 793    | 61      | 2,112    |
| <b>45-49</b>                  | 2,126        | 267    | 158     | 1,695    | 2,384        | 428    | 73      | 1,874    |
| <b>50-54</b>                  | 1,527        | 156    | 153     | 1,212    | 1,829        | 235    | 110     | 1,480    |
| <b>55-59</b>                  | 861          | 62     | 146     | 651      | 1,199        | 85     | 124     | 986      |
| <b>60-64</b>                  | 492          | 24     | 148     | 318      | 749          | 43     | 171     | 531      |
| <b>65-69</b>                  | 283          | 3      | 136     | 144      | 389          | 12     | 126     | 248      |
| <b>70-74</b>                  | 149          | 3      | 94      | 52       | 254          | 5      | 145     | 104      |
| <b>75 +</b>                   | 118          | 2      | 85      | 31       | 276          | 2      | 199     | 75       |
| <b>Not Stated</b>             | 4            | 2      | 0       | 2        | 3            | 1      | 0       | 2        |
| <b>Median Age at Marriage</b> | 28.3         | 25.4   | 55.0    | 39.3     | 30.4         | 27.0   | 63.1    | 42.0     |

**Table 32. Reported Marriages By Previous Marital Status of Bride & Groom: Missouri, 2011**

| <u>Bride</u> | Total  | <u>Groom</u> |         |          |         |
|--------------|--------|--------------|---------|----------|---------|
|              |        | Single       | Widowed | Divorced | Unknown |
| Total        | 39,481 | 25,364       | 1,084   | 12,966   | 67      |
| Single       | 25,402 | 21,234       | 127     | 4,018    | 23      |
| Widowed      | 1,218  | 176          | 378     | 663      | 1       |
| Divorced     | 12,773 | 3,925        | 578     | 8,258    | 12      |
| Unknown      | 88     | 29           | 1       | 27       | 31      |

**Table 33. Reported Marriages By Race: Missouri, 2011**

| <u>Race of Bride</u> | Total  | <u>Race of Groom</u> |       |       |
|----------------------|--------|----------------------|-------|-------|
|                      |        | White                | Black | Other |
| Total                | 39,481 | 32,867               | 4,353 | 1,050 |
| White                | 33,387 | 31,690               | 818   | 514   |
| Black                | 3,732  | 263                  | 3,413 | 30    |
| Other                | 1,114  | 543                  | 68    | 500   |
| Unknown              | 1,248  | 371                  | 54    | 6     |

**Table 34. Reported Marriages By Month of Event: Missouri, 2011**

|          |        |
|----------|--------|
| Total    | 39,481 |
| January  | 1,635  |
| February | 1,645  |
| March    | 2,416  |
| April    | 2,955  |

|           |       |
|-----------|-------|
| May       | 4,174 |
| June      | 4,897 |
| July      | 4,210 |
| August    | 3,030 |
| September | 4,542 |

|          |       |
|----------|-------|
| October  | 4,688 |
| November | 2,875 |
| December | 2,414 |

**Table 35A. Reported Marriages By County of Recording with Rates per 1,000 Population: Missouri, 2011**

| Counties       | Population | Marriages | Rate |
|----------------|------------|-----------|------|
| State Total    | 6,010,688  | 39,481    | 6.6  |
| Adair          | 25,552     | 171       | 6.7  |
| Andrew         | 17,196     | 75        | 4.4  |
| Atchison       | 5,569      | 49        | 8.8  |
| Audrain        | 25,566     | 138       | 5.4  |
| Barry          | 35,282     | 199       | 5.6  |
| Barton         | 12,327     | 102       | 8.3  |
| Bates          | 17,008     | 105       | 6.2  |
| Benton         | 19,115     | 103       | 5.4  |
| Bollinger      | 12,356     | 83        | 6.7  |
| Boone          | 165,627    | 1,035     | 6.2  |
| Buchanan       | 89,666     | 646       | 7.2  |
| Butler         | 43,082     | 396       | 9.2  |
| Caldwell       | 9,315      | 39        | 4.2  |
| Callaway       | 44,420     | 214       | 4.8  |
| Camden         | 43,679     | 352       | 8.1  |
| Cape Girardeau | 76,632     | 641       | 8.4  |
| Carroll        | 9,260      | 53        | 5.7  |
| Carter         | 6,365      | 30        | 4.7  |
| Cass           | 100,052    | 592       | 5.9  |
| Cedar          | 13,948     | 76        | 5.4  |
| Chariton       | 7,734      | 47        | 6.1  |
| Christian      | 78,570     | 470       | 6.0  |
| Clark          | 7,019      | 73        | 10.4 |
| Clay           | 225,161    | 1,327     | 5.9  |
| Clinton        | 20,789     | 96        | 4.6  |
| Cole           | 76,448     | 616       | 8.1  |
| Cooper         | 17,663     | 102       | 5.8  |
| Crawford       | 24,800     | 163       | 6.6  |
| Dade           | 7,807      | 9         | 1.2  |
| Dallas         | 16,749     | 80        | 4.8  |
| Davies         | 8,313      | 62        | 7.5  |
| DeKalb         | 12,767     | 91        | 7.1  |
| Dent           | 15,676     | 125       | 8.0  |
| Douglas        | 13,548     | 84        | 6.2  |
| Dunklin        | 31,974     | 219       | 6.8  |
| Franklin       | 101,938    | 653       | 6.4  |
| Gasconade      | 15,168     | 93        | 6.1  |
| Gentry         | 6,786      | 47        | 6.9  |

| Counties    | Population | Marriages | Rate |
|-------------|------------|-----------|------|
| Greene      | 277,214    | 1,821     | 6.6  |
| Grundy      | 10,228     | 116       | 11.3 |
| Harrison    | 8,866      | 68        | 7.7  |
| Henry       | 22,219     | 164       | 7.4  |
| Hickory     | 9,628      | 45        | 4.7  |
| Holt        | 4,814      | 29        | 6.0  |
| Howard      | 10,204     | 53        | 5.2  |
| Howell      | 40,665     | 340       | 8.4  |
| Iron        | 10,656     | 59        | 5.5  |
| Jackson     | 676,360    | 5,336     | 7.9  |
| Jasper      | 118,435    | 955       | 8.1  |
| Jefferson   | 219,480    | 1,107     | 5.0  |
| Johnson     | 53,439     | 331       | 6.2  |
| Knox        | 4,126      | 16        | 3.9  |
| Laclede     | 35,636     | 325       | 9.1  |
| Lafayette   | 33,209     | 190       | 5.7  |
| Lawrence    | 38,660     | 260       | 6.7  |
| Lewis       | 10,155     | 66        | 6.5  |
| Lincoln     | 53,076     | 349       | 6.6  |
| Linn        | 12,566     | 78        | 6.2  |
| Livingston  | 15,074     | 128       | 8.5  |
| Macon       | 15,591     | 108       | 6.9  |
| Madison     | 12,195     | 55        | 4.5  |
| Maries      | 9,171      | 62        | 6.8  |
| Marion      | 28,717     | 209       | 7.3  |
| McDonald    | 22,977     | 196       | 8.5  |
| Mercer      | 3,804      | 30        | 7.9  |
| Miller      | 24,770     | 148       | 6.0  |
| Mississippi | 14,306     | 125       | 8.7  |
| Moniteau    | 15,697     | 70        | 4.5  |
| Monroe      | 8,734      | 47        | 5.4  |
| Montgomery  | 12,270     | 79        | 6.4  |
| Morgan      | 20,502     | 150       | 7.3  |
| New Madrid  | 18,783     | 109       | 5.8  |
| Newton      | 58,414     | 359       | 6.1  |
| Nodaway     | 23,468     | 129       | 5.5  |
| Oregon      | 11,017     | 77        | 7.0  |
| Osage       | 13,915     | 66        | 4.7  |
| Ozark       | 9,595      | 72        | 7.5  |

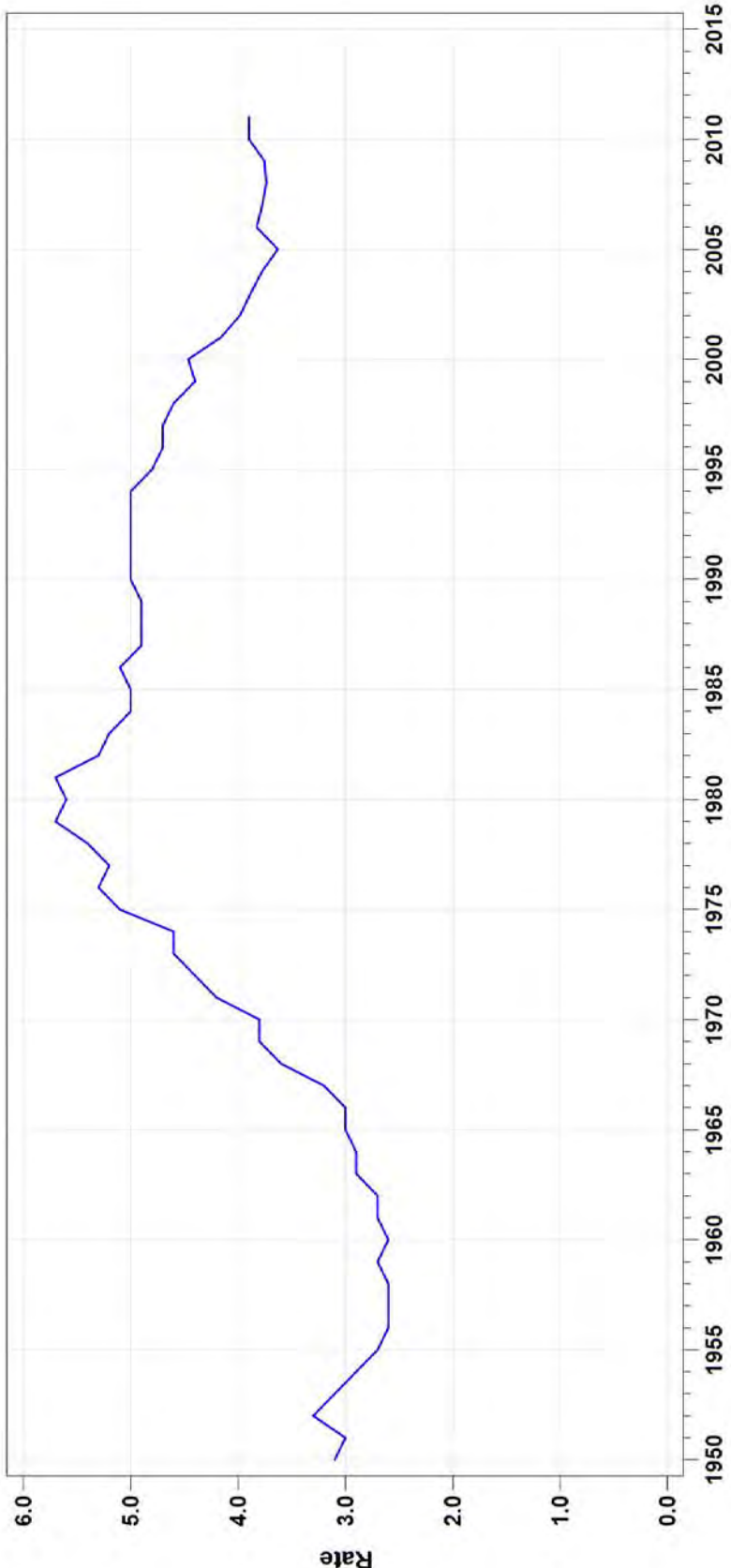
| Counties         | Population | Marriages | Rate |
|------------------|------------|-----------|------|
| Pemiscot         | 18,174     | 145       | 8.0  |
| Perry            | 19,041     | 134       | 7.0  |
| Pettis           | 42,178     | 415       | 9.8  |
| Phelps           | 45,020     | 406       | 9.0  |
| Pike             | 18,572     | 131       | 7.1  |
| Platte           | 90,903     | 562       | 6.2  |
| Polk             | 31,170     | 203       | 6.5  |
| Pulaski          | 53,175     | 542       | 10.2 |
| Putnam           | 4,978      | 39        | 7.8  |
| Ralls            | 10,281     | 67        | 6.5  |
| Randolph         | 25,346     | 203       | 8.0  |
| Ray              | 23,230     | 111       | 4.8  |
| Reynolds         | 6,588      | 35        | 5.3  |
| Ripley           | 14,143     | 120       | 8.5  |
| Saline           | 23,280     | 154       | 6.6  |
| Schuyler         | 4,381      | 31        | 7.1  |
| Scotland         | 4,828      | 36        | 7.5  |
| Scott            | 39,136     | 312       | 8.0  |
| Shannon          | 8,432      | 46        | 5.5  |
| Shelby           | 6,280      | 44        | 7.0  |
| St. Charles      | 365,151    | 1,386     | 3.8  |
| St. Clair        | 9,641      | 49        | 5.1  |
| St. Francois     | 65,577     | 514       | 7.8  |
| St. Louis City   | 318,069    | 2,165     | 6.8  |
| St. Louis County | 998,692    | 5,843     | 5.9  |
| Ste. Genevieve   | 18,124     | 96        | 5.3  |
| Stoddard         | 29,807     | 218       | 7.3  |
| Stone            | 32,263     | 145       | 4.5  |
| Sullivan         | 6,659      | 55        | 8.3  |
| Taney            | 52,736     | 763       | 14.5 |
| Texas            | 25,936     | 138       | 5.3  |
| Vernon           | 20,963     | 163       | 7.8  |
| Warren           | 32,515     | 202       | 6.2  |
| Washington       | 25,076     | 157       | 6.3  |
| Wayne            | 13,475     | 95        | 7.1  |
| Webster          | 36,439     | 241       | 6.6  |
| Worth            | 2,150      | 9         | 4.2  |
| Wright           | 18,716     | 123       | 6.6  |



**Table 35B. Reported Marriages By BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2011**

| BRFSS Region       | Population | Marriages | Rate |
|--------------------|------------|-----------|------|
| State Total        | 6,010,688  | 39,481    | 6.6  |
| Northeast          | 253,905    | 1,849     | 7.3  |
| Northwest          | 242,294    | 1,589     | 6.6  |
| Central            | 711,585    | 5,154     | 7.2  |
| Southeast          | 578,323    | 4,266     | 7.4  |
| Southwest          | 914,557    | 6,403     | 7.0  |
| St. Louis Region   | 2,113,997  | 11,862    | 5.6  |
| Kansas City Region | 1,196,027  | 8,358     | 7.0  |
| Metro              | 4,472,153  | 28,044    | 6.3  |
| Non-Metro          | 1,538,535  | 11,437    | 7.4  |

**Graph G. Dissolution Rates per 1,000 Population: Missouri, 1950-2011**



| Year | Dissolutions | Rate | Year | Dissolutions | Rate |
|------|--------------|------|------|--------------|------|
| 1950 | 12,177       | 3.1  | 2000 | 24,980       | 4.5  |
| 1955 | 11,351       | 2.7  | 2005 | 21,013       | 3.6  |
| 1960 | 11,320       | 2.6  | 2006 | 22,358       | 3.8  |
| 1965 | 13,261       | 3.0  | 2007 | 22,223       | 3.8  |
| 1970 | 17,852       | 3.8  | 2008 | 22,132       | 3.7  |
|      |              |      | 2009 | 22,374       | 3.8  |
|      |              |      | 2010 | 23,349       | 3.9  |
|      |              |      | 2011 | 23,272       | 3.9  |

**Table 36. Reported Marriage Dissolution Decrees By Month By Type of Decree: Missouri, 2011**

|                    | Total<br>Decrees | Dissolutions | Legal<br>Separations | Annulments |
|--------------------|------------------|--------------|----------------------|------------|
| <b>State Total</b> | 23,388           | 23,219       | 119                  | 50         |
| <b>January</b>     | 1,753            | 1,738        | 8                    | 7          |
| <b>February</b>    | 1,532            | 1,520        | 10                   | 2          |
| <b>March</b>       | 2,189            | 2,173        | 12                   | 4          |
| <b>April</b>       | 2,028            | 2,013        | 8                    | 7          |
| <b>May</b>         | 2,201            | 2,186        | 11                   | 4          |
| <b>June</b>        | 2,130            | 2,112        | 14                   | 4          |
| <b>July</b>        | 1,826            | 1,812        | 7                    | 7          |
| <b>August</b>      | 2,070            | 2,054        | 12                   | 4          |
| <b>September</b>   | 1,975            | 1,959        | 14                   | 2          |
| <b>October</b>     | 1,844            | 1,833        | 7                    | 4          |
| <b>November</b>    | 1,821            | 1,805        | 12                   | 4          |
| <b>December</b>    | 2,019            | 2,014        | 4                    | 1          |

**Table 37. Reported Dissolutions and Annulments of Marriage By Number of Previous Marriages of Husband and Wife: Missouri, 2011**

|                     | Total  | <u>Wife</u> |       |       |       |      |              |         |
|---------------------|--------|-------------|-------|-------|-------|------|--------------|---------|
|                     |        | None        | One   | Two   | Three | Four | Five Or More | Unknown |
| <b>State Total</b>  | 23,272 | 13,362      | 5,104 | 1,738 | 486   | 180  | 75           | 2,327   |
| <b>None</b>         | 13,520 | 11,031      | 1,904 | 384   | 87    | 23   | 6            | 85      |
| <b>One</b>          | 5,217  | 1,823       | 2,199 | 739   | 183   | 79   | 32           | 162     |
| <b>Two</b>          | 1,603  | 325         | 644   | 403   | 126   | 41   | 24           | 40      |
| <b>Three</b>        | 448    | 74          | 163   | 117   | 64    | 18   | 2            | 10      |
| <b>Four</b>         | 143    | 20          | 49    | 39    | 19    | 10   | 5            | 1       |
| <b>Five Or More</b> | 57     | 6           | 19    | 14    | 5     | 5    | 6            | 2       |
| <b>Unknown</b>      | 2,284  | 83          | 126   | 42    | 2     | 4    | 0            | 2,027   |

**Table 38. Reported Dissolutions and Annulments of Marriage By Duration of Marriage and Number of Children Affected: Missouri, 2011**

| Duration            | Total  | Children Affected |       |       |       |      |      |             |         |  |  |
|---------------------|--------|-------------------|-------|-------|-------|------|------|-------------|---------|--|--|
|                     |        | No Children       | One   | Two   | Three | Four | Five | Six Or More | Unknown |  |  |
| State Total         | 23,272 | 11,597            | 4,915 | 4,449 | 1,559 | 370  | 72   | 34          | 276     |  |  |
| Under 1 Year        | 588    | 510               | 39    | 25    | 2     | 3    | 0    | 1           | 8       |  |  |
| 1 Year              | 1,364  | 1,006             | 240   | 75    | 17    | 4    | 3    | 1           | 18      |  |  |
| 2 Years             | 1,642  | 1,040             | 399   | 126   | 34    | 8    | 1    | 2           | 32      |  |  |
| 3 Years             | 1,754  | 1,030             | 437   | 214   | 33    | 11   | 1    | 0           | 28      |  |  |
| 4 Years             | 1,681  | 906               | 439   | 246   | 66    | 9    | 0    | 0           | 15      |  |  |
| 5 Years             | 1,490  | 742               | 398   | 259   | 58    | 10   | 1    | 1           | 21      |  |  |
| 6 Years             | 1,339  | 620               | 344   | 267   | 70    | 17   | 0    | 3           | 18      |  |  |
| 7 Years             | 1,160  | 512               | 271   | 259   | 83    | 20   | 3    | 4           | 8       |  |  |
| 8-9 Years           | 1,962  | 807               | 398   | 502   | 184   | 36   | 7    | 0           | 28      |  |  |
| 10-12 Years         | 2,646  | 965               | 501   | 752   | 299   | 88   | 10   | 5           | 26      |  |  |
| 13-15 Years         | 1,873  | 602               | 382   | 567   | 236   | 51   | 19   | 2           | 14      |  |  |
| 16-19 Years         | 1,779  | 491               | 342   | 574   | 271   | 61   | 13   | 8           | 19      |  |  |
| 20-24 Years         | 1,626  | 667               | 391   | 373   | 137   | 31   | 8    | 4           | 15      |  |  |
| 25-29 Years         | 917    | 596               | 183   | 91    | 20    | 12   | 2    | 2           | 11      |  |  |
| 30-34 Years         | 524    | 440               | 49    | 18    | 10    | 2    | 1    | 0           | 4       |  |  |
| 35-39 Years         | 219    | 203               | 8     | 5     | 2     | 1    | 0    | 0           | 0       |  |  |
| 40 Years and Longer | 178    | 163               | 6     | 4     | 3     | 0    | 0    | 1           | 1       |  |  |
| Unknown             | 530    | 297               | 88    | 92    | 34    | 6    | 3    | 0           | 10      |  |  |

**Table 39. Reported Dissolutions and Annulments of Marriage By Race of Wife By Race of Husband: Missouri, 2011**

|             | Wife   | Total  | Husband |       |       |
|-------------|--------|--------|---------|-------|-------|
|             |        |        | White   | Black | Other |
| State Total | 23,272 | 18,425 | 2,020   | 349   | 2,478 |
| White       | 18,564 | 17,855 | 350     | 171   | 188   |
| Black       | 1,748  | 115    | 1,592   | 8     | 33    |
| Other       | 404    | 208    | 25      | 165   | 6     |
| Unknown     | 2,556  | 247    | 53      | 5     | 2,251 |

**Table 40. Reported Dissolutions and Annulments of Marriage By Petitioner By Disposition of Children By Child Support Awarded: Missouri, 2011**

| <u>Petitioner</u> | Total  | <u>Custody Given To:</u> |       |       |       |             |         |
|-------------------|--------|--------------------------|-------|-------|-------|-------------|---------|
|                   |        | Husband                  | Wife  | Joint | Other | No Children | Unknown |
| State Total       | 23,272 | 481                      | 3,142 | 7,169 | 300   | 12,172      | 8       |
| Husband           | 8,700  | 380                      | 593   | 2,756 | 110   | 4,859       | 2       |
| Wife              | 13,834 | 92                       | 2,461 | 4,215 | 182   | 6,878       | 6       |
| Joint             | 213    | 0                        | 24    | 60    | 4     | 125         | 0       |
| Other             | 10     | 0                        | 3     | 3     | 1     | 3           | 0       |
| Unknown           | 515    | 9                        | 61    | 135   | 3     | 307         | 0       |

| <u>Petitioner</u> | Total  | <u>Child Support Awarded To:</u> |       |            |       |         |          |
|-------------------|--------|----------------------------------|-------|------------|-------|---------|----------|
|                   |        | Husband                          | Wife  | No Support | Other | Unknown | No Child |
| State Total       | 23,272 | 584                              | 7,241 | 3,148      | 47    | 80      | 12,172   |
| Husband           | 8,700  | 375                              | 2,039 | 1,375      | 26    | 26      | 4,859    |
| Wife              | 13,834 | 195                              | 5,008 | 1,684      | 20    | 49      | 6,878    |
| Joint             | 213    | 1                                | 51    | 35         | 0     | 1       | 125      |
| Other             | 10     | 1                                | 4     | 2          | 0     | 0       | 3        |
| Unknown           | 515    | 12                               | 139   | 52         | 1     | 4       | 307      |

**Table 41. Reported Dissolutions and Annulments of Marriage By Age of Wife By Age of Husband: Missouri, 2011**

| <u>Age of Wife</u> | Total  | <u>Age of Husband</u> |       |       |       |       |       |       |       |      |         |  |
|--------------------|--------|-----------------------|-------|-------|-------|-------|-------|-------|-------|------|---------|--|
|                    |        | Less Than 20          | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-54 | 55-64 | 65 + | Unknown |  |
| State Total        | 23,272 | 27                    | 1,148 | 2,717 | 3,662 | 3,491 | 3,351 | 5,201 | 2,094 | 696  | 885     |  |
| Less Than 20       | 98     | 11                    | 75    | 8     | 3     | 0     | 1     | 0     | 0     | 0    | 0       |  |
| 20-24              | 1,758  | 13                    | 822   | 672   | 159   | 40    | 19    | 8     | 6     | 2    | 17      |  |
| 25-29              | 3,383  | 1                     | 187   | 1,533 | 1,137 | 319   | 96    | 56    | 8     | 6    | 40      |  |
| 30-34              | 3,787  | 2                     | 33    | 328   | 1,725 | 1,105 | 351   | 168   | 25    | 6    | 44      |  |
| 35-39              | 3,466  | 0                     | 13    | 82    | 406   | 1,373 | 1,023 | 470   | 52    | 7    | 40      |  |
| 40-44              | 3,320  | 0                     | 1     | 35    | 123   | 412   | 1,252 | 1,277 | 158   | 21   | 41      |  |
| 45-54              | 4,489  | 0                     | 3     | 11    | 43    | 161   | 487   | 2,726 | 875   | 120  | 63      |  |
| 55-64              | 1,552  | 0                     | 1     | 6     | 6     | 12    | 46    | 363   | 855   | 238  | 25      |  |
| 65 +               | 382    | 0                     | 1     | 0     | 0     | 4     | 3     | 25    | 72    | 268  | 9       |  |
| Unknown            | 1,037  | 0                     | 12    | 42    | 60    | 65    | 73    | 108   | 43    | 28   | 606     |  |

**Table 42A: Reported Dissolutions and Annulments By County of Recording with Rates per 1,000 Population - Missouri, 2011**

| Counties       | Population | Decrees | Rate |
|----------------|------------|---------|------|
| State Total    | 6,010,688  | 23,272  | 3.9  |
| Adair          | 25,552     | 77      | 3.0  |
| Andrew         | 17,196     | 338     | 19.7 |
| Atchison       | 5,569      | 23      | 4.1  |
| Audrain        | 25,566     | 92      | 3.6  |
| Barry          | 35,282     | 90      | 2.6  |
| Barton         | 12,327     | 50      | 4.1  |
| Bates          | 17,008     | 81      | 4.8  |
| Benton         | 19,115     | 64      | 3.3  |
| Bollinger      | 12,356     | 46      | 3.7  |
| Boone          | 165,627    | 653     | 3.9  |
| Buchanan       | 89,666     | 150     | 1.7  |
| Butler         | 43,082     | 272     | 6.3  |
| Caldwell       | 9,315      | 29      | 3.1  |
| Callaway       | 44,420     | 166     | 3.7  |
| Camden         | 43,679     | 107     | 2.4  |
| Cape Girardeau | 76,632     | 297     | 3.9  |
| Carroll        | 9,260      | 46      | 5.0  |
| Carter         | 6,365      | 21      | 3.3  |
| Cass           | 100,052    | 460     | 4.6  |
| Cedar          | 13,948     | 66      | 4.7  |
| Chariton       | 7,734      | 33      | 4.3  |
| Christian      | 78,570     | 374     | 4.8  |
| Clark          | 7,019      | 29      | 4.1  |
| Clay           | 225,161    | 877     | 3.9  |
| Clinton        | 20,789     | 76      | 3.7  |
| Cole           | 76,448     | 224     | 2.9  |
| Cooper         | 17,663     | 61      | 3.5  |
| Crawford       | 24,800     | 106     | 4.3  |
| Dade           | 7,807      | 53      | 6.8  |
| Dallas         | 16,749     | 73      | 4.4  |
| Davies         | 8,313      | 31      | 3.7  |
| DeKalb         | 12,767     | 31      | 2.4  |
| Dent           | 15,676     | 70      | 4.5  |
| Douglas        | 13,548     | 64      | 4.7  |
| Dunklin        | 31,974     | 209     | 6.5  |
| Franklin       | 101,938    | 390     | 3.8  |
| Gasconade      | 15,168     | 52      | 3.4  |
| Gentry         | 6,786      | 26      | 3.8  |

| Counties    | Population | Decrees | Rate |
|-------------|------------|---------|------|
| Greene      | 277,214    | 1,337   | 4.8  |
| Grundy      | 10,228     | 55      | 5.4  |
| Harrison    | 8,866      | 59      | 6.7  |
| Henry       | 22,219     | 112     | 5.0  |
| Hickory     | 9,628      | 22      | 2.3  |
| Holt        | 4,814      | 12      | 2.5  |
| Howard      | 10,204     | 48      | 4.7  |
| Howell      | 40,665     | 281     | 6.9  |
| Iron        | 10,656     | 39      | 3.7  |
| Jackson     | 676,360    | 2,508   | 3.7  |
| Jasper      | 118,435    | 748     | 6.3  |
| Jefferson   | 219,480    | 756     | 3.4  |
| Johnson     | 53,439     | 185     | 3.5  |
| Knox        | 4,126      | 17      | 4.1  |
| Laclede     | 35,636     | 182     | 5.1  |
| Lafayette   | 33,209     | 164     | 4.9  |
| Lawrence    | 38,660     | 127     | 3.3  |
| Lewis       | 10,155     | 30      | 3.0  |
| Lincoln     | 53,076     | 183     | 3.4  |
| Linn        | 12,566     | 44      | 3.5  |
| Livingston  | 15,074     | 74      | 4.9  |
| Macon       | 15,591     | 67      | 4.3  |
| Madison     | 12,195     | 68      | 5.6  |
| Maries      | 9,171      | 20      | 2.2  |
| Marion      | 28,717     | 143     | 5.0  |
| McDonald    | 22,977     | 73      | 3.2  |
| Mercer      | 3,804      | 16      | 4.2  |
| Miller      | 24,770     | 136     | 5.5  |
| Mississippi | 14,306     | 65      | 4.5  |
| Moniteau    | 15,697     | 63      | 4.0  |
| Monroe      | 8,734      | 33      | 3.8  |
| Montgomery  | 12,270     | 40      | 3.3  |
| Morgan      | 20,502     | 62      | 3.0  |
| New Madrid  | 18,783     | 75      | 4.0  |
| Newton      | 58,414     | 210     | 3.6  |
| Nodaway     | 23,468     | 79      | 3.4  |
| Oregon      | 11,017     | 48      | 4.4  |
| Osage       | 13,915     | 36      | 2.6  |
| Ozark       | 9,595      | 39      | 4.1  |

| Counties         | Population | Decrees | Rate |
|------------------|------------|---------|------|
| Pemiscot         | 18,174     | 79      | 4.3  |
| Perry            | 19,041     | 65      | 3.4  |
| Pettis           | 42,178     | 263     | 6.2  |
| Phelps           | 45,020     | 203     | 4.5  |
| Pike             | 18,572     | 42      | 2.3  |
| Platte           | 90,903     | 382     | 4.2  |
| Polk             | 31,170     | 143     | 4.6  |
| Pulaski          | 53,175     | 360     | 6.8  |
| Putnam           | 4,978      | 28      | 5.6  |
| Ralls            | 10,281     | 43      | 4.2  |
| Randolph         | 25,346     | 109     | 4.3  |
| Ray              | 23,230     | 75      | 3.2  |
| Reynolds         | 6,588      | 25      | 3.8  |
| Ripley           | 14,143     | 77      | 5.4  |
| Saline           | 23,280     | 83      | 3.6  |
| Schuyler         | 4,381      | 18      | 4.1  |
| Scotland         | 4,828      | 18      | 3.7  |
| Scott            | 39,136     | 249     | 6.4  |
| Shannon          | 8,432      | 29      | 3.4  |
| Shelby           | 6,280      | 36      | 5.7  |
| St. Charles      | 365,151    | 1,200   | 3.3  |
| St. Clair        | 9,641      | 37      | 3.8  |
| St. Francois     | 65,577     | 347     | 5.3  |
| St. Louis City   | 318,069    | 649     | 2.0  |
| St. Louis County | 998,692    | 3,184   | 3.2  |
| Ste. Genevieve   | 18,124     | 57      | 3.1  |
| Stoddard         | 29,807     | 215     | 7.2  |
| Stone            | 32,263     | 125     | 3.9  |
| Sullivan         | 6,659      | 24      | 3.6  |
| Taney            | 52,736     | 245     | 4.6  |
| Texas            | 25,936     | 72      | 2.8  |
| Vernon           | 20,963     | 87      | 4.2  |
| Warren           | 32,515     | 125     | 3.8  |
| Washington       | 25,076     | 106     | 4.2  |
| Wayne            | 13,475     | 60      | 4.5  |
| Webster          | 36,439     | 156     | 4.3  |
| Worth            | 2,150      | 9       | 4.2  |
| Wright           | 18,716     | 84      | 4.5  |

**Table 42B: Reported Dissolutions and Annulments By BRFSS Region of Recording with Rates per 1,000 Population - Missouri, 2011**

| BRFSS Region       | Population | Decrees Recorded | Rate |
|--------------------|------------|------------------|------|
| Total              | 6,010,688  | 23,272           | 3.9  |
| Northeast          | 253,905    | 1,019            | 4.0  |
| Northwest          | 242,294    | 989              | 4.1  |
| Central            | 711,585    | 2,944            | 4.1  |
| Southeast          | 578,323    | 2,883            | 5.0  |
| Southwest          | 914,557    | 4,192            | 4.6  |
| St. Louis Region   | 2,113,997  | 6,593            | 3.1  |
| Kansas City Region | 1,196,027  | 4,652            | 3.9  |
| Metro              | 4,472,153  | 16,380           | 3.7  |
| Non-Metro          | 1,538,535  | 6,892            | 4.5  |

## APPENDIX

On January 1, 2010, the Missouri Department of Health and Senior Services (MDHSS) implemented two significant changes relating to the tabulation of statistical data on vital events in Missouri. MDHSS launched a web-based registration system and began registering births and deaths using the 2003 Revision of the US Standard Certificates of Live Births and Deaths. The web-based registration system collected some existing data items in different ways. The revised certificates stopped collecting some data items, included new data items, and collected old information in new ways. As a result, differences in tabulations since 2010 may be the result of changes in data collection methods rather than changes in health status. Major changes in data collection methods are addressed in this appendix. Differences between 2011 tabulations and pre-2010 tabulations should be evaluated with these changes in mind.

### RELIABILITY OF THE DATA

In analyzing any data including Vital Statistics, the potential for error in the data must not be overlooked. There are several types of errors possible including: under-registration, errors made by the informant, and errors in compiling and processing.

The most potentially dangerous error is that of improper interpretation. Statistics are neither more true nor false than the interpretation given to them. Particular caution must be used in analyzing trend data, because changes have occurred over the years in medical diagnosis, coding definitions, and registration methodology.

Care should be taken in using rates where the number of events or reference population is small. Minor differences in the number of events may result in major changes in the rates. Rates based on fewer than 20 events are very unstable. Most of the rates computed for this report are crude rates. In comparing rates for geographic areas and time periods, crude rates are limited because they do not take into account the differences in age, sex, race, and other population characteristics.

### SOURCES OF VITAL RECORDS

Vital statistics in Missouri are compiled from six basic records which are filed with MDHSS by state law. These records are: (1) live birth records, (2) death records, and (3) fetal death records, each beginning in 1911; (4) marriage and (5) divorce records, beginning in 1949; and (6) abortion records, beginning in 1975.

Missouri cooperates with other states in the exchange of records for live births, fetal deaths, deaths, and abortions, including events occurring to Missouri residents in other states. However, MDHSS has not received individual abortion records from Illinois since 1983 and did not receive records from Tennessee clinics from 1997 to 2005. Instead, MDHSS received estimates of Missouri resident abortions from some Tennessee clinics from 1997 to 2005 and an estimate of Missouri resident abortions was received from some Illinois clinics for 1988-2011. These estimates are shown in Graph D.

There is no interstate exchange of records for marriages, dissolutions, and annulments. Tables using these data files (Tables 30 through 42) report events that occurred in Missouri, regardless of the residence of the parties involved.

The data within this report represent the 2011 calendar year of events. Birth and death records were accepted through April 15, 2012, allowing 2011 events to be as complete as possible.

Except where noted, historical vital statistics data are taken from annual MDHSS vital statistics reports.

### POPULATION

All Missouri county and city population estimates for 2011 were developed by the United States Census Bureau (Vintage 2011). Counts for all decennial years were taken from the United States Census Bureau for those years. Age-sex specific estimates and counts were also taken from the Census Bureau with the exception of the Less than Age One population, which used the number of that year's resident live births.



The source of the state total estimates for non-Census years 1911-1969 is the US Census Bureau P-25 series. State estimates for 1971-1979 were obtained from the US Census Bureau publication, "Preliminary Intercensal Estimates of the Population of Counties." Age-sex specific population estimates for 1981 - 1989 were developed by the US Census Bureau in unpublished tables. State population estimates for 1991-1999 and 2001-2009 also came from the US Census Bureau. MDHSS used these as controls in developing 1991-1999 age-sex specific population estimates for Missouri. Estimates of the 2001-2009 age-sex specific state population were adjusted to the 2010 counts and provided by the US Census Bureau (published October 2012).

### **RACE and HISPANIC ORIGIN (ETHNICITY)**

Since the 1989 report, birth, fetal death, and infant death data have been presented by race of mother. Before 1989, this data was presented by race of child. The change in 1989 was implemented to be consistent with the National Center for Health Statistics (NCHS), which also implemented this change in 1989. Race of child had been computed by an algorithm based on the race of mother and race of father. Persons of mixed parentage were classified according to the race of the nonwhite parent. Because of this rather arbitrary formula and the increasing proportion of out-of-wedlock births in which father's race is missing, it was decided by NCHS to implement this change to race of mother.

Beginning with the 2010 vital statistics report, tabulations of race for live births, deaths, and abortions refer to four mutually-exclusive groups that take into account Hispanic origin. The groups are "white, non-Hispanic"; "black, non-Hispanic"; "other/multiple race, non-Hispanic"; and "Hispanic, all races". For tabulations prior to 2010, "race" refers to the classification of the population into three distinct groups: white, black, and other. Before 2010, persons of Latin American birth or ancestry who were not identified as being American Indian or other designated race were classified as white.

The 2010 methodology was changed to be consistent with changes in population data from the decennial US Census and the 2003 US Standard certificates for live births and deaths. Prior to 2010, only one race could be selected. "Multiple race" was available as a primary selection, but no details were captured. Beginning with 2010 birth and death data, more than one race can be selected. Analysis of 2011 Missouri resident data showed that 2.5 percent of births were to mothers of multiple races and 0.2 percent of deaths were to multiple race decedents. Therefore, records of mothers and decedents which indicate only white or only black as their race, and do not indicate Hispanic origin, are classified in this report as white, non-Hispanic, or black, non-Hispanic, respectively. The "other/multiple, non-Hispanic" race group now includes persons selecting multiple races as well as persons identified as American Indian or Alaska Native (AIAN), Asian Indian, Chinese, Philippine, Japanese, Korean, Vietnamese, other Asian, Native Hawaiian, Guamanian or Chamorro, Samoan, Other Pacific Islander, or other specified race, but not of Hispanic origin. Persons of unknown race are not included in "other/multiple," but are included in the total of all races. This method allows for comparison of statistics on race across the different methods of collecting race information.

Appendix Table A shows the effects of the changes in race and Hispanic origin classification on low birth weight using 2011 resident live births. The number of white, non-Hispanic and black, non-Hispanic births using the 2010 method were both reduced from the White and Black totals using the pre-2010 method, as the Hispanic births and births involving multiple races have been removed. White, non-Hispanic births (2010 method) were 5.7 percent less than white births (pre-2010 method). The 2010 method also Resulted in 5.7 percent fewer black, non-Hispanic births than black births using the pre-2010 method .The low birth weight rate for white, non-Hispanics was the same as the white rate of 6.7 percent. The low birth weight rate for black, non-Hispanics was 14.4 percent compared to 14.2 percent using the pre-2010 method. The overall black to white ratio for low birth was 2.12 using the pre-2010 method compared 2.15 using the new 2010 method.

### Appendix Table A

#### Effects of Changes in Racial Classification Methods on 2011 Low Birth Weight (less than 5.5 lbs) Rates by Race

##### Pre-2010 Definition (primary race selected)

| <u>Mother's Race</u> | <u>Live Births</u> | <u>LBW</u>   | <u>LBW Rate</u> | <u>Black/White Ratio</u> |
|----------------------|--------------------|--------------|-----------------|--------------------------|
| White                | 60,288             | 4,049        | 6.7             |                          |
| Black                | 11,680             | 1,664        | 14.2            | 2.12                     |
| Other and multiple   | 3,923              | 290          | 7.4             |                          |
| Unknown race         | 178                | 12           | 6.7             |                          |
| <b>Total</b>         | <b>76,069</b>      | <b>6,015</b> | <b>7.9</b>      |                          |

##### 2010 Definition (multiple races and Hispanic origin included)

| <u>Mother's Race</u>                 | <u>Live Births</u> | <u>LBW</u>   | <u>LBW Rate</u> | <u>Black/White Ratio</u> |
|--------------------------------------|--------------------|--------------|-----------------|--------------------------|
| White, Non-Hispanic                  | 56,831             | 3,812        | 6.7             |                          |
| Black, Non-Hispanic                  | 10,934             | 1,574        | 14.4            | 2.15                     |
| Hispanic, any Race                   | 4,110              | 263          | 6.4             |                          |
| Other and Multiple                   | 4,124              | 359          | 8.7             |                          |
| Unknown race                         | 70                 | 7            | 10.0            |                          |
| <b>Total (includes unknown race)</b> | <b>76,069</b>      | <b>6,015</b> | <b>7.9</b>      |                          |

\* Multiple-race method excludes Hispanic mothers from White, Black and Other/Multiple classifications.

\*\* Single-race method includes Hispanic mothers in White, Black and Other/Multiple classifications.

Users of the MDHSS MICA query tools (<http://health.mo.gov/data/mica/MICA/>) should note that the above changes will not be reflected in the Birth and Death MICA queries for 2010 and beyond. Instead, an algorithm from NCHS is used to make race-specific statistics from both multiple-race and single-race data collection systems that are sufficiently comparable to permit analysis. Hispanic origin was maintained as a separate category of analysis in the Birth and Death MICAs. This was done to keep analyses as consistent with the prior years of data as possible. (Filtering of Hispanic origin for data queries is still supported.)

As a result, small differences will be found between statistics in this report and statistics calculated by MICA. For instance, the black to white infant death rate ratio increases from 2.64 using the multiple-race method (this report) to 2.74 using the single-race method (Death MICA). The changes in racial classification had a greater effect on the "other/multiple race, non-Hispanic" category as the low birth weight rate for this group increased from 7.4 percent using the single-race method to 8.7 percent using the multiple-race method. The birth denominator count for this classification was approximately the same using both methods, but the individual mothers within each group were very different. The single-race method includes a large proportion of Hispanics as "other/multiple race", while the multiple-race method includes mothers with multiple declared races instead. (See Appendix Table A above.)

#### "RESIDENT" AND "RECORDED" EVENTS

It is important to understand the significance of the terms "Resident" and "Recorded" when analyzing vital statistics.

"Resident" data for vital events are compiled in relation to persons residing in a particular area, independent of where the event occurred. An exception to this is that when a person dies in a hospital, nursing home, or other institution, the usual place of residence before admission determines the place of residence. In the case of live births, fetal deaths, and infant deaths, the residence of the mother is considered to be the residence of the child. "Recorded" data for vital events are based on where the event occurred. Analysis using recorded data may include records of non-Missouri residents.

Resident and recorded figures are independent of each other and should neither be added to nor subtracted from the other. Thus, the number of events occurring or not occurring in the same geographic area where the people reside

cannot be simply calculated from resident and recorded data. Each table indicates whether the analysis is for resident or recorded data.

## **GEOCODING**

Beginning with 2008 data, MDHSS uses a computerized geocoding package (Address Broker) to improve the accuracy of residence address information on Missouri resident birth and death records for the entire state. If the record's address, including resident county, city, and zip code, matches well with available address data, the software over-writes the existing values on the record and also adds latitude, longitude, and Census tract. If no match is available or the best match is not accurate enough, address information is left as reported, and latitude, longitude, and Census tract are not added. From 2000 through 2007, only the following metropolitan counties were geocoded: Buchanan, Cass, Clay, Greene, Jackson, Jefferson, Platte, Ray, St. Charles, St. Louis County, and St. Louis City.

## **REGIONS**

Beginning with the 2010 report, Missouri Regional Planning Commission areas were replaced with Behavioral Risk Factor Surveillance System (BRFSS) regions. This change was made to support and enhance MDHSS BRFSS survey data. A map of the BRFSS region boundaries is included in this report on page vi.

## **METRO (METROPOLITAN) vs. NON-METRO COUNTIES**

Tables displaying BRFSS region data also include metro and non-metro groupings. These groupings cut across BRFSS regions so that a subset of all BRFSS regions is not equivalent to the metro or non-metro groupings. The metro counties are: Andrew, Bollinger, Buchanan, Bates, Boone, Caldwell, Callaway, Cape Girardeau, Cass, Christian, Clay, Clinton, Cole, Dallas, Greene, Franklin, Howard, Jackson, Jasper, Jefferson, Lafayette, Lincoln, McDonald, Moniteau, Newton, Osage, Platte, Polk, Ray, St. Charles, St. Louis, Warren, Webster, and Washington counties, as well St. Louis City. The eighty other counties are defined as non-metro. A map of Metro and non-metro regions is included in this report on page vi, adapted from a map prepared by the US Census Bureau, Geography Division. (US Department of Commerce, Economics and Statistics Administration, August 31, 2010.)

## **UNKNOWN AND IMPUTED DATA**

Records of Missouri residents with unknown county of residence are included in the state totals of this publication. In annual vital statistics reports before 1979, these records were excluded from totals. The number of 2011 records with unknown county of residence by system is as follows:

|                    |    |
|--------------------|----|
| Live Births .....  | 0  |
| Fetal Deaths ..... | 0  |
| Deaths .....       | 2  |
| Abortions. ....    | 19 |

To account for unknown data items and inconsistencies in reporting to MDHSS, the following imputations and data interpretations were made in this report:

- Unknown sex is considered male.
- Unknown mother's and decedent residence county is replaced with the county of recording when the recording occurs in Missouri.
- Unknown marital status is considered not married, out-of-wedlock. (Prior to 2010, unknown marital status was considered married.)
- Unknown live birth order is considered 1st.
- Unknown number born is considered singleton.
- Maternal age greater than or equal to age 65 is considered unknown.
- Unknown month of last live birth is considered June.
- Unknown day of last live birth is considered 15th.

- Unknown average amount smoked for any trimester or for the three months prior to pregnancy is considered unknown maternal smoking status.
- Prepregnancy weight less than 50 pounds or greater than 400 pounds is considered unknown prepregnancy weight. Postpregnancy weight less than 50 pounds or greater than 450 pounds is considered unknown postpregnancy weight.
- Negative weight gain during pregnancy (weight loss) is considered 0 pounds gained.

## **INDICATORS CHANGED OR REMOVED FROM THIS REPORT**

The following indicators appeared in prior editions of this report but were changed as noted or removed beginning with the 2010 report:

- **Maternal Drinking During Pregnancy:** Data item was removed by NCHS from the 2003 revision of the US Standard Birth Certificate. Self-reporting by mothers on this data item was found to be poor at best.
- **Maternal Smoking During Pregnancy:** Data item was revised by NCHS on the 2003 revision of the US Standard Birth Certificate to provide opportunity to analyze the patterns of maternal smoking. (See “Enhanced Data on Maternal Smoking” for details.)
- **Years at Present Address:** Data item was removed from certificate by MDHSS to make room for other items.
- **Maternal Transfers:** Due to the low number of events in recent years, this indicator was removed.
- **Crown Heel Length:** Data item was removed by MDHSS due to poor reporting and lack of reliability.
- **Birth Spacing Less Than 18 Months (Table 10):** The full date of last live birth is now collected instead of only month and year. As a result, births that took place more than 17 months but less than 18 months after the last live birth are now counted. This is a factor contributing to the increase in the rate for this indicator since 2009.
- **Obstetric and Pediatric Conditions and Procedures, Congenital Anomalies and Abnormal Conditions of Newborn (Table 5B):** See “Medical Conditions on Birth Records” below for a detailed description of changes made to these indicators.
- **Live Birth Order (Table 6, Table 7, Table 10, and Table 24):** Definition changed to include all prior live births, regardless of current vital status. As such, Live Birth Order of 1<sup>st</sup> identifies “first-time” mothers. Prior to the 2010 report, Live Birth Order only counted prior live births currently living.
- **Mother more than 15% Underweight, Mother more than 20% Overweight:** Indicators have been replaced with the BMI-based Underweight and Obese indicators (Table 10).
- **Prenatal Care and Inadequate Prenatal Care (Table 10):** Beginning in 2010 the complete date of first prenatal visit is collected, affecting the beginning trimester of Prenatal Care and the rates of inadequate prenatal care. (See “Effects of Changes to Data Items on Analysis of Prenatal Care” for details.)
- **Mother on Medicaid and WIC:** Removed from the 2010 report due to the high correlation between the Mother on Medicaid and Mother on WIC indicators.
- **Recorded Births and Deaths by Cities with 2,500 to 24,999 Population:** These listings were removed due to the extreme influence local health care capacity has on where these events occur.
- **Causes of Death, Groupings of Causes of Death, and Rankable Causes of Death (Tables 18-19, Table 21, Table 23, and Table 26):** Changes made by MDHSS (See “Cause of Death Classification and Rankable Causes of Death” below for details.).
- **Cause of Accidental Death (Table 27):** Definition of public transportation accidental death in car or truck changed in response to changes in coding of accidental deaths using the 2003 revision of the US Standard Death Certificate (See “Type of Accident” below for details.). As a result, fewer ICD-10 codes are attributed to Public Transport: Other/unspecified.

## **RATES**

Rates are calculated by dividing the number of events of concern by the population at risk or a related population and multiplying by a constant. Live birth, death, natural increase, marriage, and dissolution rates are expressed in terms of 1,000 estimated mid-year population. Cause-specific death rates are expressed in terms of 100,000 at-risk population. Infant, perinatal, fetal, neonatal, and post-neonatal death rates are stated per 1,000 live births (Tables 22-25). (See “Population” above for more details.)

Rates per 100 (percentages) are used for most prenatal and birth outcome indicators (Tables 7-10), such as inadequate prenatal care and low birth weight births, where the denominator is based on the number of live births. When the rate being calculated is a percent, events for which the value of interest is unknown are excluded from the calculation. Hence, percentages in this report are the percent of events for which the value is known, not the percentage of all potential events.

## FORMULAE FOR HIGHLIGHTED RATE INDICATORS

**Total Fertility Rate** (Graph B) is the average number of live births a woman would have if a given set of age-specific birth rates applied throughout her reproductive years.

**General Fertility Rate** (Table 3) is the total number of live births per 1,000 women aged 15-44 for a given year.

**Age-Specific Fertility Rate** (Table 3) is the number of live births born to mothers of a given age per 1,000 females of that age group for a given year.

**Abortion Ratio** (Table 14) is the comparison of the total number of abortions to the total number of live births for a given year, then multiplied by 1,000.

$$\text{Abortion Ratio} = \frac{\text{Number of abortions during year}}{\text{Live births for that year}} \times 1,000$$

**Crude Death Rate** is defined as the total number of deaths of area residents for the year divided by the appropriate population (usually midyear population estimate) of the area, then multiplied by some constant. The constants used in this report are 100,000 for cause-specific rates and deaths for all causes (Tables 18 and 26A) and 1,000 for death rates in all other tables and graphs.

$$\text{Crude death rate} = \frac{\text{Number of deaths during year}}{\text{Midyear population for that year}} \times 1,000 \text{ or } 100,000$$

**Age-Specific Death Rate** (Tables 4 and 20) is calculated in the same manner as the crude death rate except that both the number of deaths and the population used are restricted to a given age group.

$$\text{Age-specific death rate for a given age group} = \frac{\text{Number of deaths in that age group during year}}{\text{Population in that age group for that year}} \times 1,000$$

The **Age-Adjusted Death Rate** (Age-Adj Rate) is a weighted average of age-specific death rates. Comparison of areas or time periods using crude death rates can often be misleading, since these rates are affected by the age composition of the population. For example, a county may have a high crude death rate simply because it has an older population. To control for differences in age composition, age-specific rates can be weighted (normalized) according to a standard population. Such a calculation produces an age-adjusted rate.

The age-adjusted rates shown in this report are calculated by the direct method, using the following formula:

$$\text{Age-Adjusted Death Rate} = \sum_{A 01}^{A 11} \left( Ma \times \frac{Pa}{P} \right)$$

where Ma = the age-specific rate for each given age group  
Pa = the standard population in each given age group  
P = the total standard population, and  
∑ indicates that the results for the eleven age groups are summed.

This adjustment serves to control for differences in age compositions and makes comparisons between areas or time periods more appropriate. **It is important, however, not to compare age-adjusted death rates with rates adjusted to different standard populations or with unadjusted rates.**

This report uses the 2000 US population as the standard. In the 1991 to 1998 annual vital statistics reports, the 1940 US standard population was used. This makes comparisons of age-adjusted death rates with annual vital statistics reports before 1999 inappropriate. The standard population was changed to United States 2000 to be comparable with national age-adjusted death rates published by NCHS. The 1940 distribution was considered out-of-date at that time since it was representative of a younger population. For a more detailed discussion of this topic, see “Age Standardization of Death Rates: Implementation of the Year 2000 Standard.” National Vital Statistics Reports, Vol. 47, No. 3.

## **GESTATIONAL AGE CORRECTION**

Beginning in 2003, a correction was made in the calculation of weeks of gestational age. A rounding error had occurred in annual vital statistics reports before 2003 that tended to increase gestational age and in turn, substantially decrease the rate of births less than 37 weeks gestation (Table 10). This also had a relatively slight effect on other indicators that use gestational age, including inadequate prenatal care and weight gain during full-term pregnancy.

## **MEDICAL INFORMATION ON BIRTH RECORDS**

Table 5B presents selected risk factors, obstetric procedures, characteristics of labor and delivery, methods of delivery, presence of infections, maternal health concerns, abnormal conditions of the newborn, and congenital anomalies from the birth certificate by means of a check-off box system. A study conducted by MDHSS supported the belief that check-off boxes increase reporting of these data items. Starting in 2010, revisions to the check-off boxes were implemented. As a result, the following data items are no longer collected on the birth certificate:

- Maternal Risk Factors: anemia, cardiac disease, acute or chronic lung disease, genital herpes, hydramnios/oligohydramnios, hemoglobinopathy, incompetent cervix, previous live born infant weighing 4000+ grams at birth, renal disease, Rh sensitization, uterine bleeding
- Obstetric Procedures: amniocentesis, electronic fetal monitoring, ultrasound, chorionic villus sampling (CVS)
- Characteristics of Labor: abruptio placenta, placenta previa, other excessive bleeding, seizures during labor, dysfunctional labor, cephalopelvic disproportion, cord prolapse, anesthetic complications
- Abnormal Conditions of Newborn: anemia, fetal alcohol syndrome, hyaline membrane disease, meconium aspiration syndrome

## **MEDICAID STATUS OF 2010/2011 BIRTHS (Table 5A, Table 10)**

Another change on the 2003 revision of the US Standard Birth Certificate concerned the mother’s participation in Medicaid. Prior to 2010, the birth certificate asked if the mother was on Medicaid at any time during the pregnancy. Even if the mother was not on Medicaid at the time of delivery, but had participated at some time in her pregnancy, the expected response to the question was “Yes.” As of the 2010 report, Medicaid status is captured using a question about the principal payment source for the delivery. Medicaid is only indicated if the mother’s delivery will be primarily paid for by Medicaid. As a result, Medicaid births will be fewer than in previous years. In addition, confusion at the start of 2010 on the part of some hospitals on how this field was to be completed resulted in more unknowns and even lower numbers of Medicaid births. In 2011, the number of unknowns for this item decreased from 6,342 in 2010 to 2,724, resulting in an increase in Medicaid births in 2011.

## **ENHANCED DATA ON MATERNAL SMOKING (Table 5A, Table 10)**

The 2003 revision of the US Standard Birth Certificate contains more detailed data on mothers’ smoking habits during pregnancy than the previous certificate. Before 2010, mothers were asked about the average number of cigarettes smoked daily during the entire pregnancy. As of 2010, information on maternal smoking is captured for each trimester of pregnancy and for the three-month period prior to becoming pregnant. This allows for targeted analysis and investigation into the impact of smoking on gestational development and birth outcomes. In addition, the previous data item allowed for a mother to answer yes to smoking status but leave the average amount smoked unknown. Starting with 2010 data, smoking for all three trimesters and the three months prior to pregnancy are necessary to determine the

smoking status of the mother. If the average amount smoked for any period of smoking is unknown, then the mother's smoking status is unknown. (See "Unknowns" above.)

## **DATE OF FIRST PRENATAL VISIT AND ADEQUACY OF PRENATAL CARE (Table 10)**

Prior to 2010, only the ordinal month of the pregnancy (first month, second month, etc.) was reported to identify the beginning of prenatal care. The 2003 revision of the US Standard Birth Certificate collects the full date of the first prenatal visit. The ordinal month is then calculated based on the mother's date of last normal menses. Beginning with the 2010 report, this calculation provides results that are, on average, almost a month later in the pregnancy than previous results. This in turn results in inadequate prenatal care rates that are 50 percent higher than in prior years. The higher rates are probably more representative of the actual rate of inadequate prenatal care. In other words, the increase is more likely an artifact of the less accurate reporting in the past of the month prenatal care began.

## **DEFINITIONS FOR 2010 AND LATER BIRTH DATA**

**APGAR** – An assessment of the health of an infant taken at one minute and five minutes after birth. For the 2003 revision of the US Standard Birth Certificate, the assessment is repeated at ten minutes if the score at five minutes was less than 6. Apgar scores range from 0 to 10 and are used internationally. Factors used to determine the score are: heart rate, respiratory effort, muscle tone, reflex irritability, and color. A score below eight implies a moderately or severely depressed condition. The score used for this report is taken at five minutes after birth. The score assigned is completely at the discretion of the attending physician. As such, caution should be used in interpreting patterns of low scores by geographic area because of possible regional subjective bias. In addition, different medical personnel might assign different scores to the same child.

**Attendant** – Classification of the physician or other person in attendance at or immediately after delivery of the infant. MD: Medical Doctor; DO: Doctor of Osteopathy; CNM/CM: Certified Nurse Midwife or Certified Midwife; Other Midwife: includes other non-certified midwives; other, specify, Certified Professional Midwives will check this box, write CPM, and include their certification number.

**Birth Spacing: Less than 18 months** – Live births occurring to mothers who had a prior live birth within 18 months. The percent is of second and higher order births and the newborn is a singleton or is the first live birth in a multiple birth set. As of the 2010 report, the full date of the last live birth is collected making it possible to identify prior births greater than 17 months but less than 18 full months. This contributed to the percentage increase seen in 2010.

**Breastfed After Delivery (Infant Care: Breastfed After Delivery)** – Live births where the mother breastfed, or attempted to breastfeed, the baby prior to discharge from the birthing facility. This does not imply that breastfeeding was successful or that the mother intends to continue breastfeeding after discharge.

**Fetal Death** – Spontaneous death in utero at 20 or more weeks of gestation, or has a delivery weight of at least 350 grams if the gestational age is unknown.

**FSP** – Participation by mother in the Food Stamp Program during her pregnancy.

**Full-term Birth** – A live birth with a gestational age of 37 or more weeks.

**Gestational Age** – The age of a fetus or baby in terms of the number of completed weeks spent in its mother's womb.

**High Weight Gain (Risk Factor)** – A full-term singleton live birth to a mother who gained more than 44 pounds during pregnancy.

**Inadequate Prenatal Care** – Fewer than five prenatal care visits for pregnancies less than 37 weeks gestation, fewer than eight visits for pregnancies 37 or more weeks, or prenatal care began after the first four months of pregnancy. Before 1994 records with unknown month prenatal care began or unknown prenatal visits were excluded. Beginning in 1994, if adequacy of prenatal care could be determined even if month care began or number of visits were unknown, then these records were included. (This is referred to as the Missouri Index of Adequacy of Prenatal Care Utilization.)

Infant Death – Baby dying during the first year of life.

Infant Transfer – Infant transferred to another facility after delivery.

Live Birth Order – Number of previous babies born alive to mother, regardless of current vital status, plus one. Live birth order of one indicates first time mother. Prior to the 2010 report, only prior live births still living were counted.

Low Birth Weight – A live birth of less than 2,500 grams (five and one-half pounds).

Low Weight Gain (Risk Factor) – A full-term singleton live birth to a mother who gained less than 15 pounds during pregnancy.

Maternal Death – Death of a mother as a result of complications of pregnancy, childbirth, or puerperium (ICD-10 codes O00-O99).

Maternal Weight Gain – The amount of weight a mother gains (or loses) from prior to pregnancy to time of birth.

Maternal Weight Status Before Pregnancy – Pre-pregnancy classification as underweight, normal, overweight, or obese, based on a woman's body mass index (BMI). The BMI formula uses height and weight to calculate this measure of body fatness or thinness.

Natural Increase – Number of resident live births minus resident deaths for a given period.

Neonatal Death – Death of a baby during the first 27 days of life.

NICU – Neonatal Intensive Care Unit.

Non-smoker – A live birth to a mother who indicated that she did not smoke during the three months prior to pregnancy and did not smoke during the first, second, and third trimesters of pregnancy. In other words, the mother entered '0' for the average amount smoked for each time period. If the mother failed to provide information for any period, her smoking status is unknown.

Non-Live Birth Outcome – A pregnancy that did not result in a live birth (resulted in a spontaneous miscarriage, fetal death, or an induced abortion).

Out-of-Wedlock birth – A live birth involving a mother who was unmarried at the time of conception, at the time of birth, and throughout the time between conception and birth.

Perinatal Death – An obstetric event that resulted in a fetal death or neonatal death.

Prenatal Care (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Trimester) – Trimester that prenatal care began as indicated by the time between the date of last normal menses and date of first prenatal visit. All live births belong in one of five categories: 1<sup>st</sup> Trimester, 2<sup>nd</sup> Trimester, 3<sup>rd</sup> Trimester, None, Unknown.

Poor Pregnancy Outcome – A pregnancy of at least 20 weeks gestation that results in a perinatal death, small for gestational age live birth, or an intrauterine-growth-restricted live birth.

Postneonatal Death – Death occurring after the 27th day of life but before one year of life.

Pregnancy – An obstetric event that resulted in a live birth, fetal death, or induced abortion.

Preterm birth – A live birth of less than 37 weeks gestation.

Principal Payment Source – The primary source of payment of the hospital charges incurred as a result of the delivery.



Quit Smoking (During Pregnancy) – A live birth to a mother who indicated: (a) smoking during the first trimester but did not smoke for the second and third trimesters or (b) smoking during the first and second trimesters but did not smoke for the third trimester.

Singleton – A live birth resulting from a pregnancy where one and only one fetus was conceived. One surviving live birth resulting from a multiple gestation pregnancy is not considered a singleton birth.

Small for Gestational Age – A singleton live birth where the birth weight is at or below the 10<sup>th</sup> percentile of births of the same gender and gestational age.

Smoked Pack Per Day – A live birth to a mother who smoked an average of 20 or more cigarettes per day over the course of an entire three-trimester pregnancy. (See “Unknowns” above.)

Teen-age Pregnancy – A live birth, fetal death or abortion occurring to a woman under 20 years of age.

### **CAUSE OF DEATH CLASSIFICATION AND RANKABLE CAUSES OF DEATH (Tables 18, 19, 21, 26)**

Cause of death data are analyzed and presented by the underlying cause. The underlying cause of death is defined as the disease or injury that initiated the train of morbid events leading directly to death or the circumstances of the accident or violence that produced the fatal injury.

The causes of death presented here are classified in accordance with the Tenth Revision of the International Classification of Diseases (ICD-10), World Health Organization. This revision is used to classify deaths occurring in the United States on or after January 1, 1999. Comparisons with cause of death statistics from earlier years must be done with caution, since systems for classifying causes of death have changed over the years. Consequently, the mortality trend for a single disease may be distorted as a result of changes in defining and coding the cause of death.

In tables presenting “leading” causes of death, selected causes of death are grouped together according to guidelines designated by NCHS into “rankable causes.” Modifications of those guidelines would produce a different picture of leading causes of death. For example, if all deaths from infectious diseases were combined into a single group instead of distributed in their current groupings, the resulting single group would have constituted the sixth leading cause of death in Missouri for 2010. Leading cause of death rankings are based on numbers of deaths, not death rates.

Twenty of the current NCHS 51 rankable causes of death (each marked with an asterisk) are included in this report and listed below. The other 31 rankable causes are in the list that follows. The following specific causes of death, listed in prior years, were removed beginning with the 2010 report: tuberculosis, syphilis, stomach cancer, and peptic ulcer. These causes were removed due to the low incidence of deaths from those causes in Missouri. The circulatory disease groupings were simplified in the 2010 report. Also, deaths due to SIDS (ICD-10 code R95) and to pregnancy, childbirth, and the puerperium (ICD-10 codes O00-O99) were removed from tables of rankable causes because they are presented in tables of infant and maternal mortality.

Three new causes of death were added beginning with the 2010 report: enterocolitis due to *Clostridium difficile*, Parkinson’s disease, and pneumonitis due to solids and liquids. Also, two new cause groupings were added: falls and accidental poisonings. Both of these groupings were formerly included among the “other unintentional injuries” grouping. All of these causes/groupings have been added because of their striking increase in numbers since 2000. Twenty rankable and seventeen selected causes of death and cause of death groupings presented in this report are listed below along with their ICD-10 diagnosis codes.

### **Cause of Death Groupings Used In Report (Tables 21 and 26).....ICD-10 Codes**

|  |         |
|--|---------|
| *Enterocolitis due to clostridium difficile..... | A04.7   |
| *Septicemia.....                                 | A40-A41 |
| *HIV/AIDS .....                                  | B20-B24 |

|  |  |
|--|--|
| *Malignant neoplasms .....   | C00-C97                                    |
| Colon, rectum, and anus.....   | C18-C21                                    |
| Pancreas .....   | C25  |
| Trachea, bronchus, and lung .....  | C33-C34                                    |
| Breast .....   | C50  |
| Cervix uteri, corpus uteri, and ovary.....   | C53-C56                                    |
| Prostate.....  | C61  |
| Urinary tract.....   | C64-C68                                    |
| Non-Hodgkin's lymphoma.....  | C82-C85                                    |
| Leukemia.....  | C91-C95                                    |
| Other malignant neoplasms.....   | Residual of C00-C97                        |
| <br>   |  |
| *Diabetes mellitus.....  | E10-E14                                    |
| *Alzheimer's disease.....  | G30  |
| *Parkinson's disease .....   | G20-G21                                    |
| <br>   |  |
| *Diseases of heart .....   | I00-I09, I11, I13, I20-I51                 |
| *Essential hypertension.....   | I10, I12                                   |
| *Cerebrovascular diseases .....  | I60-I69                                    |
| *Influenza and pneumonia .....   | J09-J18                                    |
| *Chronic lower respiratory diseases .....  | J40-J47                                    |
| *Pneumonitis due to solids and liquids.....  | J69  |
| <br>   |  |
| *Chronic liver disease and cirrhosis .....   | K70, K73-K74                               |
| *Nephritis and nephrosis.....  | N00-N07, N17-N19, N25-N27                  |
| *Conditions originating in perinatal period .....  | P00-P96                                    |
| *Congenital anomalies.....   | Q00-Q99                                    |
| Symptoms and ill-defined conditions, including SIDS.....   | R00-R99                                    |
| All other diseases .....   | Residual of A00-R99                        |
| <br>   |  |
| *Unintentional injuries.....   | V01-X59, Y85-Y86                           |
| Motor vehicle crashes V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79,   |  |
| V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2   |  |
| Falls.....   | W00-W19                                    |
| Accidental poisoning by and exposure to noxious substances.....  | X40-X49                                    |
| Other unintentional injuries .....   | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, |
| V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9,  |  |
| V88.9, V89.1, V89.3, V89.9, V90-V99, W20-X39, X50-X59, Y85-Y86   |  |
| <br>   |  |
| *Suicide.....  | X60-X84, Y87.0                             |
| *Homicide.....   | X85-Y09, Y87.1                             |
| All other external causes: events of undetermined intent, legal intervention, complications of<br>medical care, and late effects of injuries ..... | Y10-Y36, Y40-Y84, Y87.2, Y88-Y89           |

**ADDITIONAL CAUSE OF DEATH GROUPINGS USED FOR RANKING BY NCHS BUT NOT IN THIS REPORT**

**Cause ..... ICD-10 Codes**

|  |                       |
|--|-----------------------|
| Salmonella infections .....  | A01-A02               |
| Shigellosis and amebiasis.....   | A03, A06              |
| Tuberculosis .....   | A16-A19               |
| Whooping cough .....   | A37                   |
| Scarlet fever and erysipelas.....  | A38, A46              |
| Meningococcal infection .....  | A39                   |
| Syphilis.....  | A50-A53               |
| Acute poliomyelitis .....  | A80                   |
| Arthropod-borne viral encephalitis .....                                     | A83-A84, A85.2        |
| Measles.....   | B05                   |
| Viral hepatitis .....  | B15-B19               |
| Malaria .....  | B50-B54               |
| Benign/in situ neoplasms and neoplasms of uncertain or unknown behavior..... | D00-D48               |
| Anemias.....   | D50-D64               |
| Nutritional deficiencies .....   | E40-E64               |
| Meningitis.....  | G00, G03              |
| Atherosclerosis .....  | I70                   |
| Aortic aneurysm and dissection .....   | I71                   |
| Acute bronchitis and bronchiolitis .....                                     | J20-J21               |
| Pneumoconiosis and chemical effects .....                                    | J60-J66, J68          |
| Peptic ulcer.....  | K25-K28               |
| Diseases of appendix .....   | K35-K38               |
| Hernia .....   | K40-K46               |
| Cholelithiasis and other disorders of gallbladder .....                      | K80-K82               |
| Infections of kidney.....  | N10-N12, N13.6, N15.1 |
| Hyperplasia of prostate.....   | N40                   |
| Inflammatory diseases of female pelvic organs .....                          | N70-N76               |
| Pregnancy, childbirth, and the puerperium.....                               | O00-O99               |
| Legal intervention .....   | Y35, Y89.0            |
| Operations of war and their sequelae .....                                   | Y36, Y89.1            |
| Complications of medical and surgical care.....                              | Y40-Y84, Y88          |

**TOBACCO USAGE AND MORTALITY DATA (Table 28)**

Beginning in 2010, the death certificate included a question that asks, “Did tobacco use contribute to the death?” This allows the medical certifier to make a determination as to the role of tobacco use in causing the death. This item should not be interpreted as or substituted for the decedent’s smoking status at death.

Note that this is not comparable to the “Smoking-Attributable” death estimates, which are calculated by applying likelihood percentages to all deaths with specified ICD-10 underlying cause codes based on the extent to which smoking increases the risk of dying from those particular diseases. Missouri smoking-attributable death estimates are published in the ‘Death - Leading Cause’ Community Data Profile.

**ACCIDENTAL DEATH TABLE (Table 27)**

Beginning with 2004 data, the accidental death table was updated to reflect revised ICD-10 cause of death groupings. These groupings are adapted from criteria for the “Injury Mortality Summary” provided by the Research and Statistics Department of the National Safety Council (NSC). Many of the categories were new in 2004, and even when the category name did not change, the numbers were not precisely comparable to prior years’ data because of changed

definitions. Poisonings at home, in particular, were grossly underreported under the old system. The new system gives a more complete count of poisoning deaths and presents poisoning deaths due to all drugs, both prescribed and illicit.

Note that accidental deaths (Table 27) are presented in terms of deaths that occurred in Missouri, whether the injury occurred in Missouri or not. Tables with accidental death counts are not comparable to most of the other mortality tables because those tables display Missouri resident deaths. See “‘Resident’ and ‘Recorded’ Events” above.

Accidental death data is also categorized by the physical location where the accident occurred. A work accident is any unintentional injury death for which the “Injury at work?” checkbox on the death certificate is marked “Yes.” A home accident is any unintentional injury death occurring at any non-institutional residence including its garage and grounds. Unintentional injury deaths occurring anywhere else are classified as public. Beginning with the 2010 report, ICD-10 codes V87.0-V87.8, V88.0-V88.8, V89.0 and V89.2 were included in the definition for accidental Public transport: car or truck deaths. If a death falls into more than one category such as late effects of a motor vehicle crash while the decedent was at work, the order of precedence is: late effects, work, home/public.

**Accidental Death Categories in Table 27..... ICD-10 Codes**

|                                  |  |
|----------------------------------|--|
| Grand total .....                | V01-X59, Y85-Y86   |
| Work total .....                 | “Injury at work?” checkbox = “Yes”   |
| Heavy transport vehicle .....    | V60-V69  |
| Other motor vehicle .....        | V02-V04, V09.0, V09.2, V12-V14, V190-V19.2, V19.4-V19.6, V20-V59, V70-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 |
| Other transport.....             | Residual of V01-V99  |
| Falls .....                      | W00-W19  |
| Farm machinery .....             | W30  |
| Other machinery .....            | W31  |
| Struck by/against object .....   | W20-W29, W35-W49   |
| Electric current .....           | W85-W87  |
| Other/unspecified accident ..... | W32-W34, W50-W84, W88-W99, X00-X59   |
| Home total .....                 | W00-X59 with 4 <sup>th</sup> -digit place code of 0  |
| Public non-transport total ..... | W00-X59 with 4 <sup>th</sup> -digit place code not 0   |
| Falls .....                      | W00-W19  |
| Machinery.....                   | W30-W31  |
| Firearms.....                    | W32-W34  |
| Struck by/against object .....   | W20-W29, W35-W49   |
| Drowning.....                    | W65-W74  |
| Choke/suffocate.....             | W75-W77, W78-W80, W81-W84  |
| Excess natural heat/cold .....   | X30-X31  |
| Fire/flame/smoke.....            | X00-X09  |
| Poisoning (drug/alcohol) .....   | X40-X45  |
| Poisoning (gas/other).....       | X46-X49  |
| Other/unspecified accident ..... | Residual of W00-X59  |

|                                      |   |
|--------------------------------------|---|
| Public transport total.....          | V01-V99   |
| Car or truck.....                    | V40-V69, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 |
| Pedestrian/motor vehicle .....       | V02-V04, V09.0, V09.2                           |
| Pedal cyclist.....                   | V12-V14, V19.0-V19.2, V19.4-V19.6               |
| Motorcyclist.....                    | V20-V29   |
| Railroad (not w/motor vehicle) ..... | V05, V15, V80.6, V81.2-V81.9                    |
| Nonroad vehicle, including ATVs..... | V83-V86   |
| Water transport.....                 | V90-V94   |
| Air transport .....                  | V95-V97   |
| Other/unspecified .....              | Residual of V01-V99                             |
| <br>Late effects of accidents .....  | <br>Y85-Y86                                     |

**ABRIDGED LIFE TABLES (Table 29)**

The abridged life tables for the 2010/2011 reports were developed by MDHSS. They represent a slight change to the calculations used before 2010, which had been developed from an NCHS program using the technique of "reference to a standard table." These life tables are technically defined as "current life tables" since they are cross-sectional in nature. In other words, the 2011 tables do not represent the life expectancy of an actual cohort of all Missourians born in a particular year and followed throughout their lifetime. Rather, the current life table considers a hypothetical cohort and assumes it is subject to the age-specific mortality rates existing for a given year. This means the population figures listed in these tables are not actual population counts for Missouri. Instead, they are only theoretical. The figures are only useable for calculating age-specific life expectancy.

The term "abridged" indicates that the age intervals used for the tables are in five-year age groupings rather than single years of age.



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