

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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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 19th 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 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 20th 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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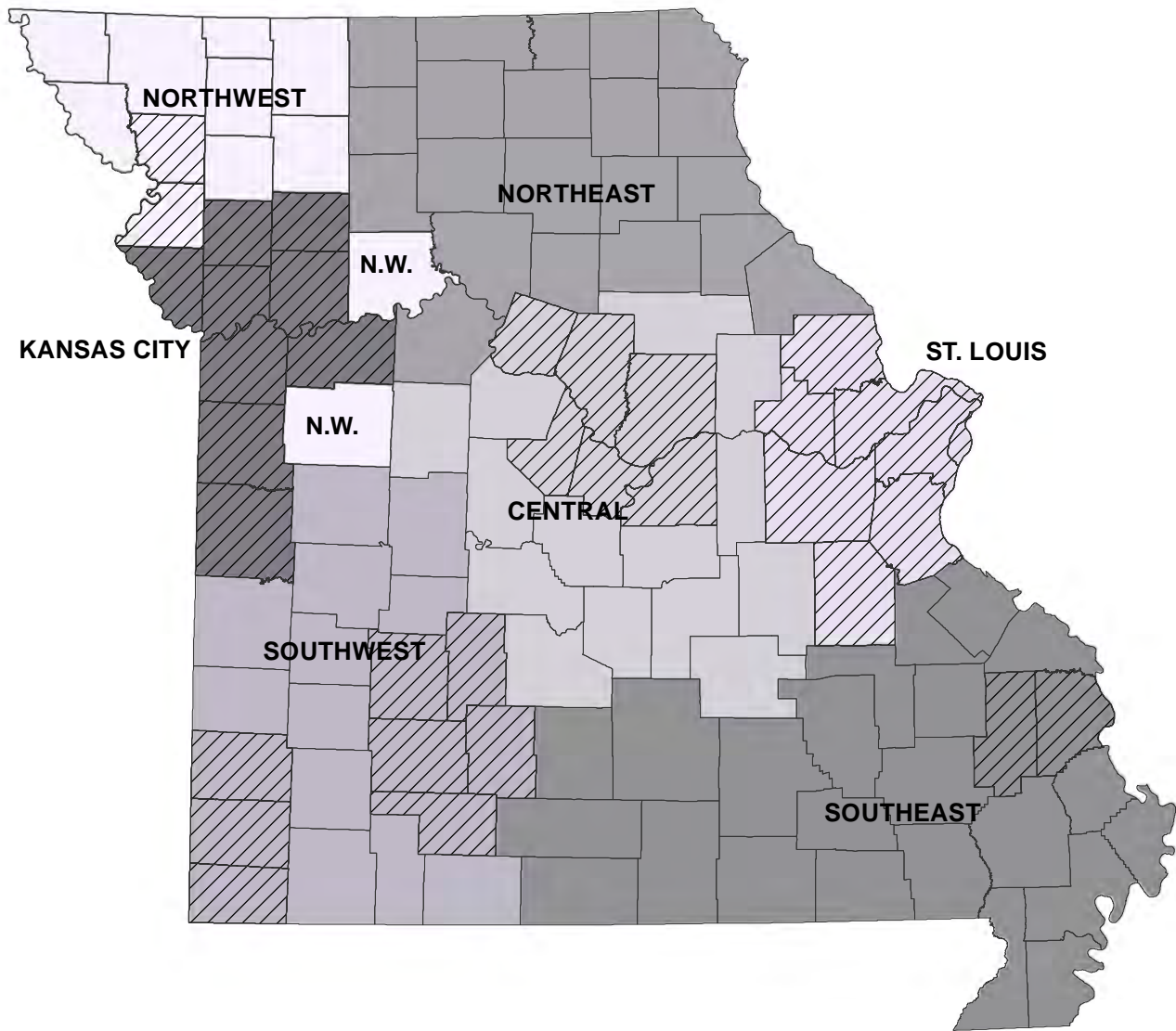
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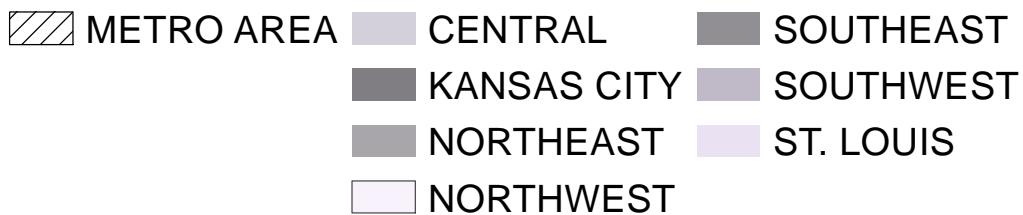
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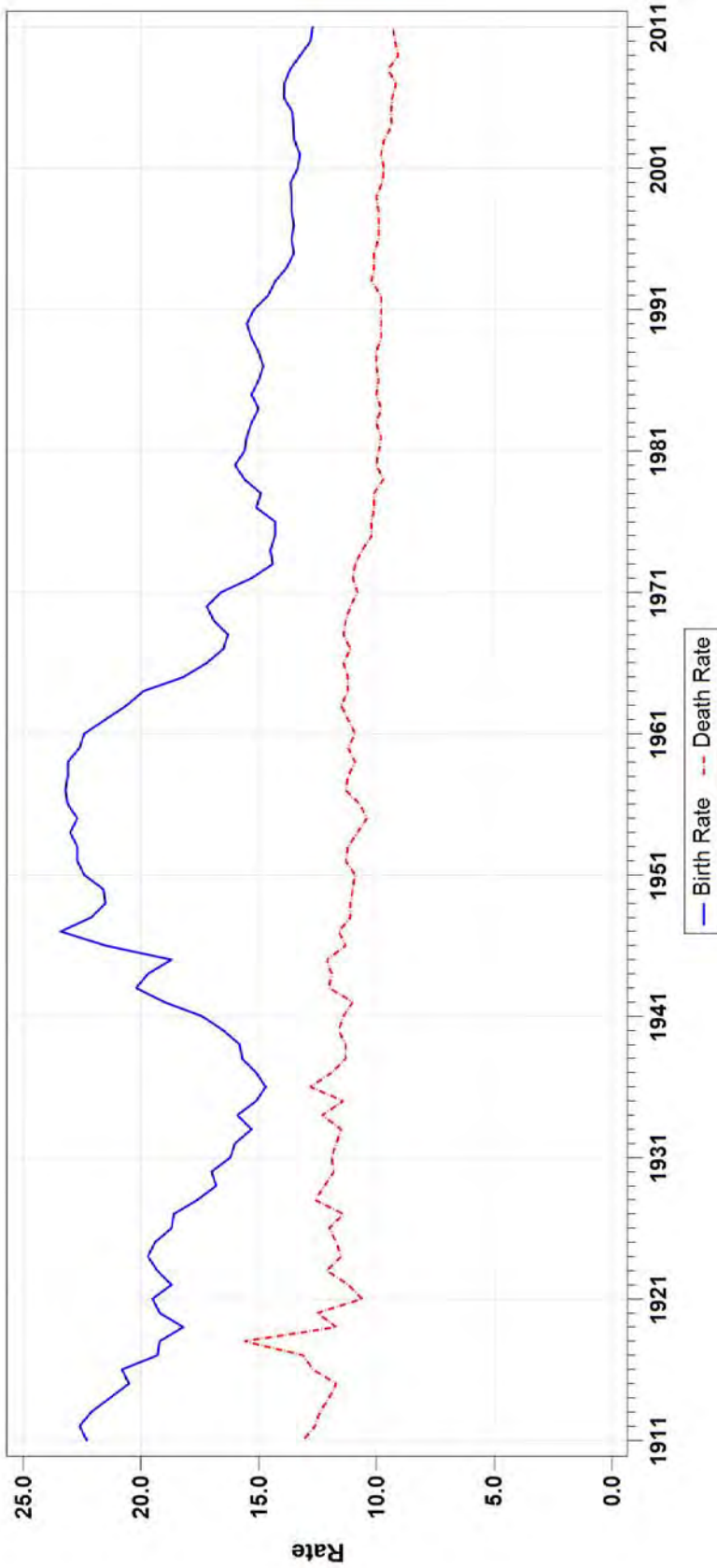
Behavioral Risk Factor Surveillance System (BRFSS) Regions



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.

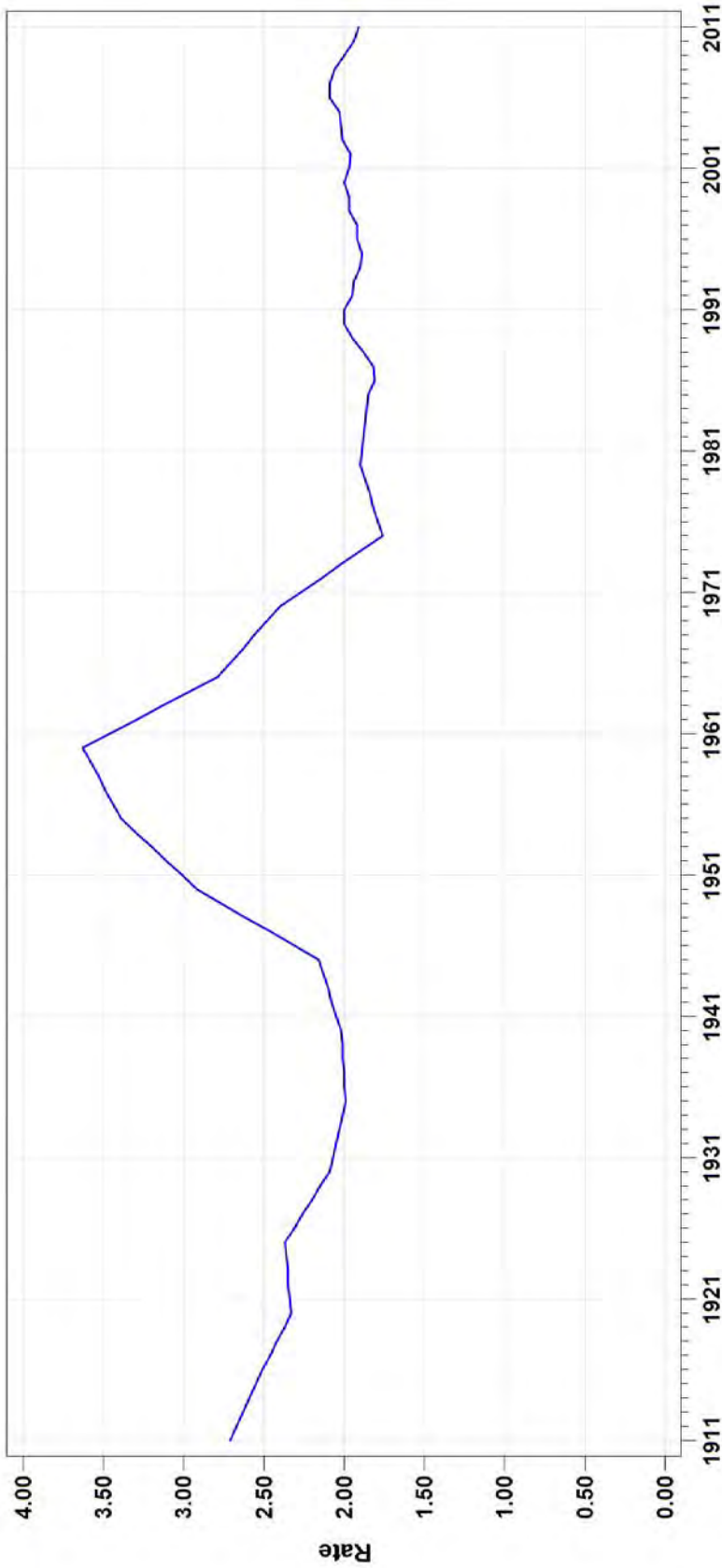
Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2011

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

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

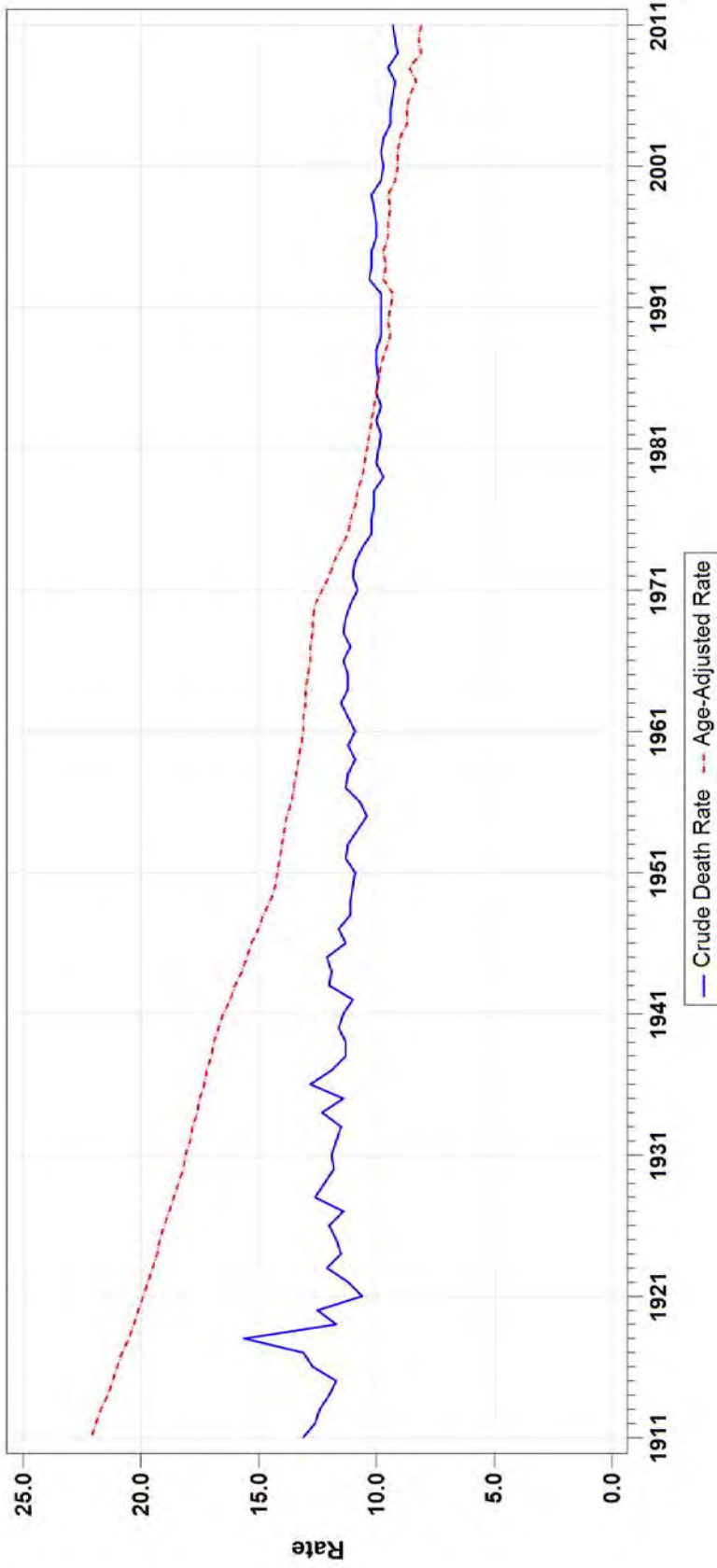


Year	Total Fertility Rate	Year	Total Fertility Rate	Year	Total Fertility Rate	Year	Total Fertility Rate
1911	2.71	1935	1.99	1960	3.63	1985	1.85
1915	2.55	1940	2.02	1965	2.79	1990	2.00
1920	2.33	1945	2.16	1970	2.40	1995	1.89
1925	2.37	1950	2.92	1975	1.76	2000	2.00
1930	2.09	1955	3.39	1980	1.90	2005	2.03
						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					20-24					25-29	30-34	35-39	40-44	45+
			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.	Year	Crude	Age-Adj.
1911	13.1	22.1	1935	11.4	17.5	1960	11.2	13.2	1985	10.0	10.0
1915	11.7	21.2	1940	11.6	16.7	1965	11.2	12.9	1990	9.8	9.5
1920	12.5	20.1	1945	12.1	15.5	1970	11.1	12.6	1995	10.2	9.7
1925	11.7	19.2	1950	11.0	14.3	1975	10.2	11.2	2000	9.8	9.2
1930	11.8	18.2	1955	10.4	13.8	1980	10.0	10.5	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
Total	76,069	56,831	10,934	4,124	4,110
Gender					
Male	39,079	29,251	5,587	2,136	2,070
Female	36,990	27,580	5,347	1,988	2,040
Attendant					
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
Birthplace					
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
Month of Birth					
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
Number Born					
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
Previous Non-Live Birth Outcomes					
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
Maternal Smoking					
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
Full-Term Singleton					
Maternal Weight Gain					
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
Maternal Weight Status Before Pregnancy					
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
Principal Payment Source					
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

	Number	Percent
<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

	Number	Percent
<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
All Races	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
White, Non-Hispanic	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
Black, Non-Hispanic	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
All Races	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
White, Non-Hispanic	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
Black, Non-Hispanic	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 Low Birth Weight	Total	Birth Weight (Grams)											
			Less Than 500	500-999	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 or More	Unknown	
All Races	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	
White,	6.7	56,831	52	182	343	789	2,446	9,077	21,845	16,723	4,479	684	211	
Non-Hispanic	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	
Black,	18.2	22	0	0	1	2	1	7	9	1	1	0	0	
Non-Hispanic	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, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, 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, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, 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, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, 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, Non-Hispanic		Black, Non-Hispanic		All Races		White, Non-Hispanic		Black, 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, Non-Hispanic		Black, Non-Hispanic		All Races		White, Non-Hispanic		Black, 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, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, Non-Hispanic	All Races	White, Non-Hispanic	Black, 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>Northeast</u>		<u>Northwest</u>		<u>Central</u>		<u>Southwest</u>		<u>Southwest</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	2,927	100.0	2,971	100.0	8,816	100.0	7,066	100.0	11,405	100.0
Birth Weight: Under 2500 Grams	209	7.2	221	7.4	621	7.1	591	8.4	801	7.0
Birth Weight: Above 4499 Grams	35	1.2	32	1.1	114	1.3	63	0.9	135	1.2
Gestational Age: Less than 37 Weeks	355	12.2	325	10.9	995	11.3	927	13.2	1,223	10.7
APGAR (5 Minutes): Less than 8	195	6.7	108	3.7	647	7.4	502	7.2	614	5.4
Infant Care: NICU Admission	160	5.5	161	5.4	604	6.9	397	5.6	748	6.6
Infant Care: Transfer to Other Facility	68	2.3	77	2.6	133	1.5	150	2.1	68	0.6
Place of Birth: At-Home Delivery	129	4.4	57	1.9	113	1.3	73	1.0	312	2.7
Method of Delivery: Cesarean	928	31.8	860	29.0	2,814	32.0	2,332	33.9	3,173	28.3
Infant Care: Breastfed After Delivery	2,025	71.9	1,865	67.5	6,218	74.7	3,309	53.3	7,991	77.9
Maternal Smoking: During Pregnancy	723	24.9	655	22.2	1,884	21.6	1,982	28.5	2,340	20.7
...Quit Smoking During Pregnancy	129	17.8	138	21.1	376	20.0	303	15.3	473	20.2
Mat. Weight: Underweight (BMI < 18.5)	125	4.3	141	4.9	384	4.4	361	5.3	567	5.1
Mat. Weight: Obese (BMI >= 30)	789	27.2	695	24.0	2,135	24.5	1,856	27.1	2,711	24.3
Mat. Sing. Wt. Gain: Low (< 15 lbs)	327	13.1	246	10.2	962	13.1	750	13.9	1,170	12.1
Mat. Sing. Wt. Gain: High (> 45 lbs)	505	20.2	555	22.9	1,456	19.9	1,177	21.8	1,989	20.6
Mother's Education: Under 12 Yrs.	600	20.6	483	16.3	1,389	15.8	1,509	21.5	2,254	19.8
Marital Status: Out-of-Wedlock	1,128	38.5	1,188	40.0	3,083	35.0	3,140	44.4	4,227	37.1
Live Birth Order: 4 or More	381	13.0	314	10.6	1,016	11.6	792	11.4	1,406	12.4
Birth Spacing: Less than 18 Months	201	11.6	210	12.7	558	11.2	561	14.3	816	13.2
Prenatal Care: 1st Trimester	2,146	76.5	2,283	78.5	6,282	75.8	4,836	73.0	7,608	71.4
Prenatal Care: 2nd Trimester	500	17.8	489	16.8	1,665	20.1	1,460	22.0	2,410	22.6
Prenatal Care: 3rd Trimester	143	5.1	117	4.0	298	3.6	277	4.2	464	4.4
Prenatal Care: None	16	0.6	19	0.7	43	0.5	54	0.8	177	1.7
Prenatal Care: Inadequate	575	22.4	460	16.4	1,186	17.1	1,237	19.4	2,223	21.9
Maternal Utilization: Medicaid	1,466	50.4	1,390	48.8	3,368	39.9	4,208	63.9	5,856	52.4
Maternal Utilization: WIC	1,618	56.1	1,502	51.1	4,043	46.5	4,651	67.7	6,081	54.6
Maternal Utilization: Food Stamps	932	35.7	919	32.4	2,612	30.5	3,180	47.6	3,909	36.2
Mother's Age: At Delivery	4	0.1	1	0.0	7	0.1	4	0.1	12	0.1
15-17	75	2.6	75	2.5	200	2.3	255	3.6	322	2.8
18-19	248	8.5	241	8.1	549	6.2	729	10.3	874	7.7
20-24	914	31.2	952	32.1	2,525	28.6	2,532	35.9	3,452	30.3
25-29	906	31.0	959	32.3	2,801	31.8	1,967	27.9	3,572	31.3
30-34	541	18.5	527	17.7	1,874	21.3	1,131	16.0	2,197	19.3
35-39	188	6.4	182	6.1	711	8.1	376	5.3	807	7.1
40 and over	50	1.7	33	1.1	147	1.7	68	1.0	167	1.5

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

	St. Louis Region		Kansas City Region		Metro		Non-Metro	
	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	18.6	29	24.2	1	14.3	23	17.8	18	16.7	26	22.6	1	3.7
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	10.1	53	10.6	6	13.0	58	13.2	42	14.5	58	13.7	16	17.4
Mat. Sing. Wt. Gain: High	428	18.7	113	22.6	8	17.4	84	19.1	61	21.1	77	18.2	11	12.0
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	9.3	35	10.2	4	10.3	38	13.3	29	12.7	38	12.5	10	17.5
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

	St. Clair		St. Francois		St. Louis City		St. Louis County		Ste. Genevieve		Stoddard		Stone	
	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	4.8
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

	<u>Wentzville</u>		<u>Wildwood</u>	
	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	0	0.0	4	1.6
18-19	11	1.9	12	4.7
20-24	70	12.3	46	17.8
25-29	203	35.7	107	41.5
30-34	191	33.6	59	22.9
35-39	76	13.4	29	11.2
40 and over	17	3.0		

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

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
State Total	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

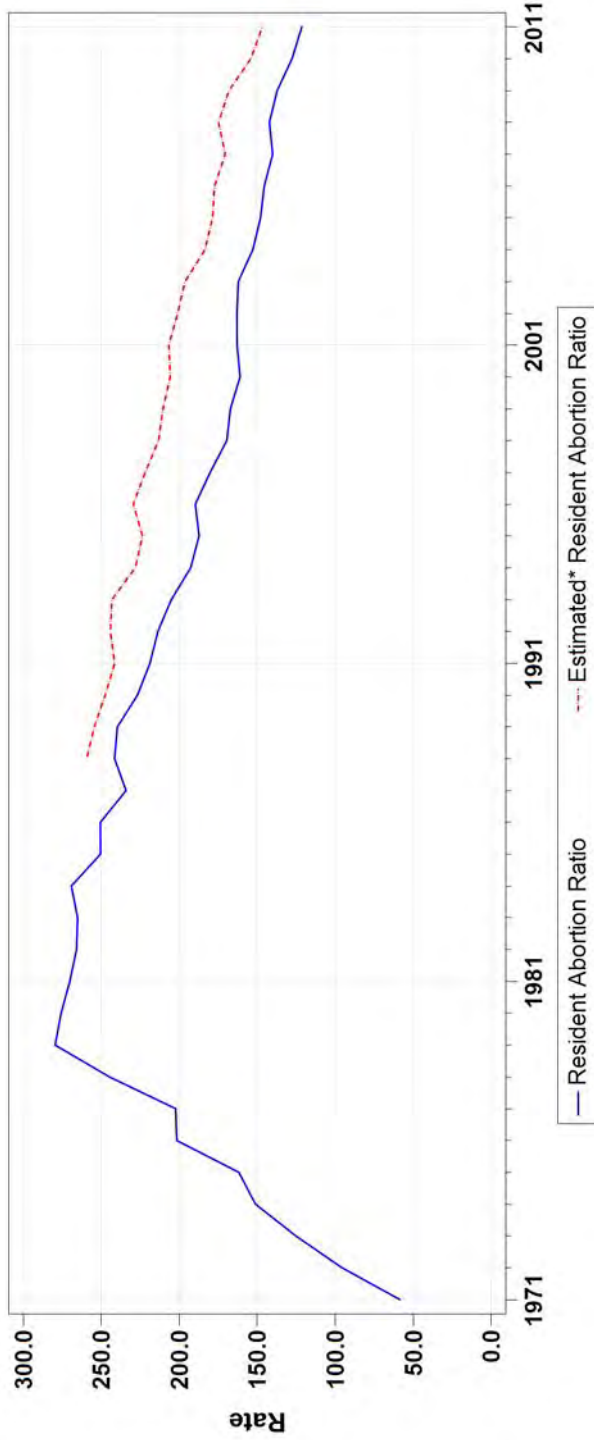
	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Daviness	16	4	12	0	0	0
DeKalb	11	3	8	3	1	2
Dent	30	6	24	0	0	0
Douglas	17	2	15	1	0	1
Dunklin	78	13	65	2	0	2
Franklin	150	43	107	17	4	13
Gasconade	15	1	14	2	0	2
Gentry	8	1	7	1	0	1
Greene	342	86	256	38	9	29
Grundy	22	6	16	1	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			
State Total	9,234	5,619	1,515	972	422	242	315	76	71	2			
Patient's Race													
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			
Patient's Age													
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			
Type of Procedure													
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					
State Total	5,772	3,379	989	617	259	156	240	66	66	0			
Patient's Race													
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			
Patient's Age													
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			
Type of Procedure													
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
State Total	9,234	4,945	3,331	590	7	361
<u>Patient's Age</u>						
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
<u>Marital Status</u>						
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
<u>Years of Education</u>						
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	Counties	Number	Ratio	Counties	Number	Ratio
State Total	9,234	121.4	Dent	4	23.1	Miller	16	58.6
Adair	11	41.4	Douglas	6	35.9	Mississippi	4	20.6
Andrew	17	94.4	Dunklin	17	35.4	Moniteau	7	35.0
Atchison	2	36.4	Franklin	95	74.6	Monroe	4	41.7
Audrain	19	52.8	Gasconade	9	58.8	Montgomery	4	24.0
Barry	6	14.1	Gentry	2	28.2	Morgan	15	59.1
Barton	4	28.0	Greene	296	83.3	New Madrid	10	47.8
Bates	15	75.8	Grundy	8	67.8	Newton	14	18.6
Benton	9	53.9	Harrison	4	34.5	Nodaway	13	63.1
Bollinger	4	27.4	Henry	24	87.9	Oregon	1	7.6
Boone	324	153.4	Hickory	5	61.7	Osage	3	20.8
Buchanan	118	97.1	Holt	2	40.8	Ozark	5	61.0
Butler	21	36.9	Howard	14	113.8	Pemiscot	21	72.9
Caldwell	10	111.1	Howell	12	22.0	Perry	6	28.4
Callaway	41	82.0	Iron	6	50.8	Pettis	27	45.1
Camden	37	89.6	Jackson	2,074	216.4	Phelps	22	38.4
Cape Girardeau	49	54.6	Jasper	47	27.8	Pike	13	59.4
Carroll	5	42.0	Jefferson	249	93.5	Platte	62	53.5
Carter	1	15.6	Johnson	73	102.5	Polk	14	33.0
Cass	182	152.0	Knox	2	37.7	Pulaski	71	85.1
Cedar	2	13.5	Laclede	21	42.9	Putnam	0	0.0
Chariton	3	37.5	Lafayette	35	92.6	Ralls	1	9.7
Christian	62	62.2	Lawrence	4	8.2	Randolph	28	104.9
Clark	3	44.1	Lewis	0	0.0	Ray	29	122.9
Clay	526	175.0	Lincoln	51	70.3	Reynolds	6	95.2
Clinton	18	72.3	Linn	8	56.7	Ripley	3	17.2
Cole	90	99.8	Livingston	9	63.4	Saline	24	78.9
Cooper	14	69.3	Macon	7	38.0	Schuyler	0	0.0
Crawford	12	45.3	Madison	6	43.8	Scotland	1	12.5
Dade	6	82.2	Maries	2	25.0	Scott	13	24.6
Dallas	7	34.0	Marion	13	33.9	Shannon	1	12.5
Davies	3	27.3	McDonald	3	10.1	Shelby	2	25.0
DeKalb	3	25.9	Mercer	0	0.0	St. Charles	521	114.8
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	BRFSS Regions	Number	Ratio			
Northeast	142	48.5	Northeast	142	48.5			
Northwest	242	81.5	Northwest	242	81.5			
Central	752	85.3	Central	752	85.3			
Southeast	272	38.5	Southeast	272	38.5			
Southwest	571	50.1	Southwest	571	50.1			
St. Louis Region	4,285	159.9	St. Louis Region	4,285	159.9			
Kansas City Region	2,951	183.4	Kansas City Region	2,951	183.4			
Metro	8,359	144.9	Metro	8,359	144.9			
Non-Metro	856	46.6	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
State Total	9,234	44	383	858	3,211	2,280	1,402	764	274	17	1
Marital Status											
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
Number of Living Children											
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
Number of Previous Abortions											
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
Davies	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

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

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
	Total (All Causes)	482	100.0
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
	Total (All Causes)	101	100.0
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
	Total (All Causes)	116	100.0
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
	Total (All Causes)	716	100.0
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
	Total (All Causes)	1,037	100.0
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
	Total (All Causes)	1,493	100.0

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
	Total (All Causes)	4,100	100.0
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
	Total (All Causes)	7,145	100.0
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
	Total (All Causes)	9,482	100.0
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
	Total (All Causes)	14,054	100.0
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
	Total (All Causes)	16,869	100.0

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			
All Ages	9.3	9.4	9.2	55,599	27,533	28,066	49,364	24,320	25,044	5,338	2,737	2,601
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

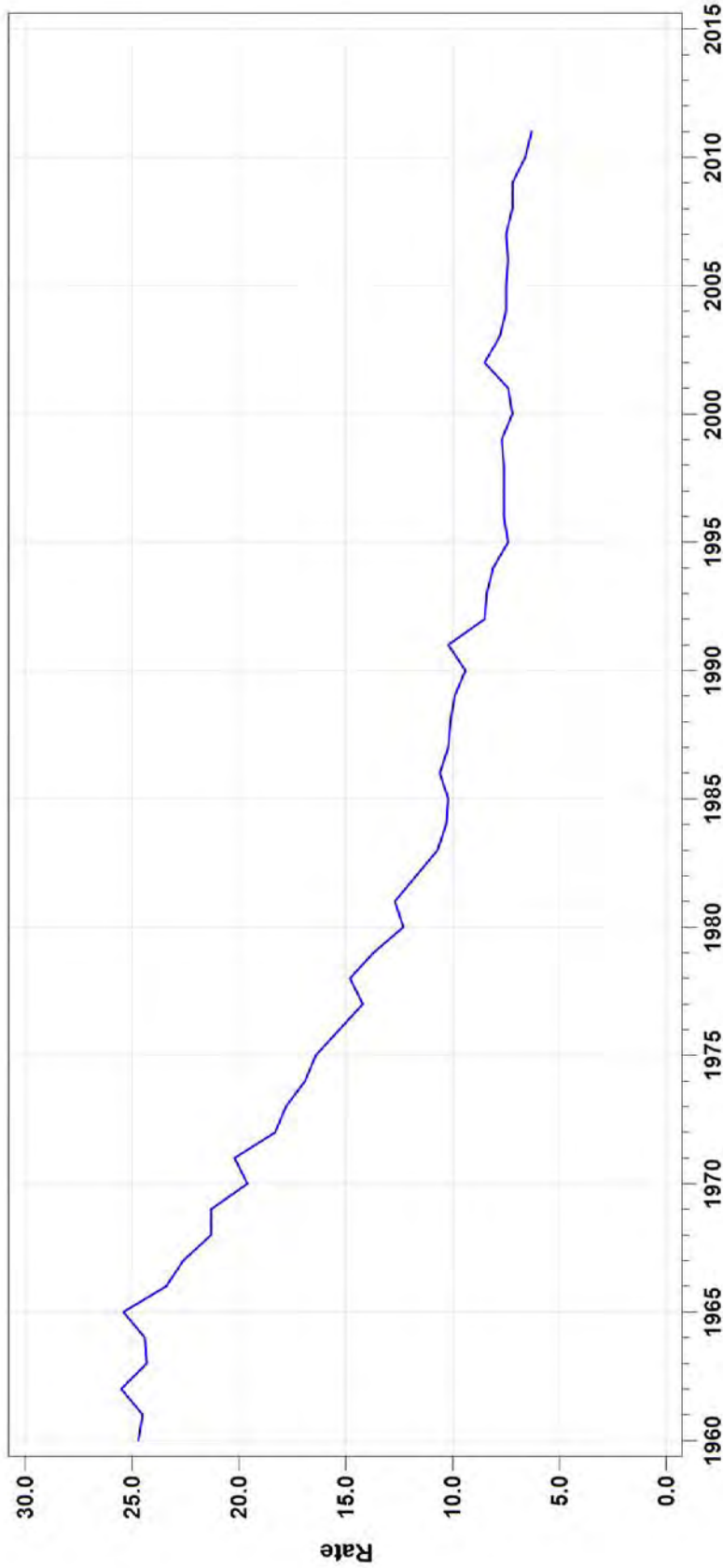
Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2011

	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
State Total	702	482	392	310	172	15
Counties						
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
State Total	428	285	249	179	106	13
Counties						
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
State Total	198	150	99	99	51	2
Counties						
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
BRFSS Regions										
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
State Total	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
BRFSS Regions												
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
State Total	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 - Platte County	Kirkwood	Lee's Summit	Liberty	Maryland 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
		3,369	2,077	1,292	62	38	37	16	294	93	553	240	611	277	159	105	401
Recorded Total	97	89	8	0	0	1	0	4	0	26	7	39	1	11	0	8	0
Work Total	4	4	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0
Heavy transport vehicle	26	23	3	0	0	0	0	0	0	5	2	14	1	3	0	1	0
Other motor vehicle	10	10	0	0	0	0	0	0	0	3	0	3	0	2	0	2	0
Other transport	11	10	1	0	0	0	0	1	0	0	1	5	0	3	0	1	0
Falls	4	4	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0
Farm machinery	4	4	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0
Other machinery	12	12	0	0	0	0	0	1	0	4	0	4	0	0	0	3	0
Struck by/against object	3	2	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Electric current	23	20	3	0	0	1	0	1	0	10	3	6	0	2	0	0	0
Other/unspecified accident	1,166	682	484	42	28	9	1	51	19	190	95	210	125	52	40	128	176
Home Total	358	169	189	0	0	0	0	0	0	9	0	30	13	26	26	104	150
Falls	2	2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Machinery	12	10	2	2	2	0	0	3	0	0	0	4	0	1	0	0	0
Firearms	11	8	3	0	0	0	0	0	0	0	0	4	0	2	2	2	1
Struck by/against object	18	13	5	8	0	2	0	0	0	0	0	2	4	1	0	0	1
Drowning	76	48	28	30	23	1	0	2	1	1	0	9	3	2	1	3	0
Choke/suffocate	33	16	17	0	0	0	0	0	0	0	1	7	5	5	2	4	9
Excess natural heat/cold	59	36	23	1	3	3	0	2	4	2	2	13	4	6	3	9	7
Fire/flame/smoke	537	348	189	0	0	1	0	43	12	169	85	129	90	6	2	0	0
Poisoning (drug/alcohol)	22	15	7	0	0	0	0	1	2	7	3	3	0	1	0	3	2
Poisoning (gas/other)	38	17	21	1	0	2	1	0	0	1	4	9	6	1	4	3	6
Other/unspecified accident	903	632	271	7	6	20	11	146	56	177	68	183	70	45	20	54	40
Public Transport Total	658	427	231	3	4	12	9	117	52	122	57	105	54	26	20	42	35
Car or truck	85	65	20	3	2	3	1	7	2	15	6	27	7	6	0	4	2
Pedestrian	3	3	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0
Pedal cyclist	92	85	7	0	0	2	1	15	1	29	3	32	2	7	0	0	0
Motorcyclist	6	4	2	0	0	0	0	1	0	2	1	1	0	0	0	0	1
Railroad (not motor vehicle)	21	18	3	0	0	1	0	4	1	5	1	6	0	1	0	1	1
Non-road vehicle (including ATV)	13	13	0	0	0	1	0	0	0	3	0	5	0	1	0	3	0
Water transport	7	4	3	0	0	0	0	0	0	0	0	3	0	0	0	1	0
Air transport	18	13	5	1	0	1	0	2	0	0	0	3	4	4	0	2	1
Other/unspecified transport	1,180	659	521	13	4	7	4	53	18	152	68	174	79	50	45	210	303
Public Non-Transport Total	382	165	217	1	0	0	0	2	0	5	4	18	6	21	16	118	191
Falls	4	4	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0
Machinery	10	10	0	1	0	0	0	2	0	3	0	3	0	0	0	1	0
Firearms	9	8	1	0	0	0	0	1	0	2	0	3	0	1	0	1	1
Struck by/against object	68	61	7	3	0	2	2	15	0	20	3	13	2	0	0	8	0
Drowning	108	67	41	6	3	0	0	0	0	3	5	16	7	9	5	33	21
Choke/suffocate	21	18	3	0	0	0	0	1	0	5	1	6	0	2	1	4	1
Excess natural heat/cold	19	10	9	0	1	1	0	1	1	0	0	4	3	0	2	4	2
Fire/flame/smoke	301	195	106	0	0	0	0	25	11	90	46	76	40	2	2	2	7
Poisoning (drug/alcohol)	14	13	1	0	0	0	0	1	0	7	1	4	0	1	0	0	0
Poisoning (gas/other)	244	108	136	2	0	4	2	5	6	17	8	29	21	12	19	39	80
Other/unspecified accident	23	15	8	0	0	0	0	0	0	8	2	5	2	1	0	1	4
Late Effects of Accidents																	

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

	Total	<u>Smoking Contributed to Death</u>			<u>Percentage</u>				
		Yes	Probably	No	Yes	Probably	No	Unknown	
<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 alive at beginning of age interval dying during interval	Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime
		L_x Number living at beginning of age interval	${}_nD_x$ Number dying during age interval	${}_nL_x$ In the age interval	T_x In this and all subsequent age 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	$\frac{N Q_x}{100,000}$	L_x	${}_N D_x$	${}_N L_x$	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 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	${}_nQ_x$	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

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
Total	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
15 And Under	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	10	1	3	1	3	0	1	0	0	1	0	0	0	0	0	0	0
17	34	7	3	5	10	3	3	2	0	0	0	1	0	0	0	0	0
18	301	9	11	39	108	69	27	8	9	6	1	3	0	2	1	3	0
19	653	5	10	39	170	185	110	57	23	14	8	11	6	2	5	2	2
20	1,007	8	11	31	155	248	244	150	63	31	13	16	15	6	2	6	2
21	1,286	4	7	15	105	215	295	278	170	68	35	25	15	9	12	4	4
22	1,674	0	6	10	73	154	245	344	367	187	87	60	39	28	16	10	11
23	1,909	3	2	10	45	89	179	276	392	417	198	81	46	43	26	21	20
24	2,082	2	0	1	37	70	95	216	308	413	406	192	98	72	44	28	31
25	2,172	0	2	2	17	44	72	146	221	312	393	391	208	124	70	49	29
26	2,163	1	1	3	12	48	58	106	167	230	284	352	343	186	102	87	46
27	2,110	1	0	1	8	19	45	81	119	157	240	295	346	277	161	87	68
28	1,965	0	0	2	13	12	34	53	73	136	162	224	254	285	246	139	95
29	1,775	0	0	0	5	12	25	47	50	88	117	173	187	237	213	181	108
30	1,593	0	1	0	3	11	11	30	38	68	94	121	163	164	174	177	168
31	1,521	0	0	1	4	4	17	21	38	47	61	102	125	143	157	166	151
32	1,239	0	0	0	3	4	11	21	21	34	46	70	73	95	99	121	132
33	1,102	0	0	0	1	4	3	9	15	28	38	49	63	73	79	73	92
34	988	0	0	1	1	5	6	12	13	25	34	45	52	54	65	72	70
35-39	3,838	0	0	2	2	12	15	27	49	59	72	102	121	161	190	217	240
40-44	2,974	0	0	0	3	4	8	11	12	21	21	39	47	51	57	59	67
45-49	2,384	0	0	0	0	1	7	4	6	8	13	12	11	17	20	23	34
50-54	1,829	0	0	0	0	1	2	2	3	4	6	8	6	9	10	7	10
55-59	1,199	0	0	0	0	0	0	2	3	3	4	2	3	1	1	5	4
60-64	749	0	0	0	1	0	1	0	2	0	1	2	3	1	1	2	0
65-69	389	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
70-74	254	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0
75 +	276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Stated	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 +	
Total	1,298	1,086	885	823	3,379	2,603	2,126	1,527	861	492	283	149	118	4
15 And Under	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	1	0	2	0	0	0	0	0	0	0	0	0	0
19	1	1	0	1	1	0	0	0	0	0	0	0	0	0
20	1	2	1	0	2	0	0	0	0	0	0	0	0	0
21	7	3	5	3	6	0	1	0	0	0	0	0	0	0
22	5	5	5	1	12	8	0	1	0	0	0	0	0	0
23	12	10	9	5	20	5	0	0	0	0	0	0	0	0
24	11	17	6	7	22	6	0	0	0	0	0	0	0	0
25	14	21	19	11	21	4	1	1	0	0	0	0	0	0
26	39	26	16	6	38	7	4	0	0	0	0	0	0	1
27	52	37	15	21	61	16	3	0	0	0	0	0	0	0
28	58	46	33	21	50	24	3	0	1	0	0	0	0	1
29	94	59	50	26	81	17	4	1	0	0	0	0	0	0
30	97	63	61	35	80	30	3	1	0	0	0	0	0	0
31	162	107	44	34	101	31	4	1	0	0	0	0	0	0
32	129	96	63	51	124	37	7	2	0	0	0	0	0	0
33	114	108	91	60	144	45	9	3	0	0	0	0	1	0
34	62	87	80	81	171	38	14	0	0	0	0	0	0	0
35-39	271	246	243	249	1,042	365	110	35	6	1	1	0	0	0
40-44	88	98	86	129	832	856	347	108	18	11	1	0	0	0
45-49	45	34	35	51	351	647	724	254	70	10	7	0	0	0
50-54	25	10	14	13	150	294	521	514	157	53	5	2	2	1
55-59	5	8	6	10	52	107	252	360	294	61	12	4	0	0
60-64	3	1	2	4	11	44	76	163	196	166	55	13	1	0
65-69	1	0	0	1	4	15	24	57	76	113	71	19	5	0
70-74	0	0	0	1	3	4	11	19	26	48	70	53	16	0
75 +	0	0	0	0	0	3	8	7	17	29	61	58	93	0
Not Stated	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
Total	39,481	25,402	1,218	12,773	39,481	25,364	1,084	12,966
15 And Under	42	42	0	0	2	2	0	0
16	57	57	0	0	10	10	0	0
17	164	164	0	0	34	34	0	0
18	779	777	0	2	301	299	0	0
19	1,215	1,205	0	7	653	650	0	0
20	1,514	1,478	2	31	1,007	999	0	8
21	1,903	1,842	1	54	1,286	1,260	0	25
22	2,162	2,062	3	96	1,674	1,630	0	43
23	2,358	2,191	1	163	1,909	1,829	1	79
24	2,335	2,106	3	224	2,082	1,970	1	110
25	2,377	2,101	6	267	2,172	2,031	1	136
26	2,224	1,927	7	287	2,163	1,969	0	192
27	2,041	1,695	8	335	2,110	1,850	1	255
28	1,751	1,358	10	379	1,965	1,681	4	279
29	1,539	1,128	7	404	1,775	1,473	4	295
30	1,386	928	8	449	1,593	1,224	1	366
31	1,298	821	4	467	1,521	1,095	4	421
32	1,086	594	14	477	1,239	853	5	379
33	885	435	10	438	1,102	696	6	398
34	823	361	14	441	988	549	8	429
35-39	3,379	1,076	107	2,183	3,838	1,656	39	2,139
40-44	2,603	535	93	1,964	2,974	793	61	2,112
45-49	2,126	267	158	1,695	2,384	428	73	1,874
50-54	1,527	156	153	1,212	1,829	235	110	1,480
55-59	861	62	146	651	1,199	85	124	986
60-64	492	24	148	318	749	43	171	531
65-69	283	3	136	144	389	12	126	248
70-74	149	3	94	52	254	5	145	104
75 +	118	2	85	31	276	2	199	75
Not Stated	4	2	0	2	3	1	0	2
Median Age at Marriage	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

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

	Total Decrees	Dissolutions	Legal Separations	Annulments
State Total	23,388	23,219	119	50
January	1,753	1,738	8	7
February	1,532	1,520	10	2
March	2,189	2,173	12	4
April	2,028	2,013	8	7
May	2,201	2,186	11	4
June	2,130	2,112	14	4
July	1,826	1,812	7	7
August	2,070	2,054	12	4
September	1,975	1,959	14	2
October	1,844	1,833	7	4
November	1,821	1,805	12	4
December	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
State Total	23,272	13,362	5,104	1,738	486	180	75	2,327
None	13,520	11,031	1,904	384	87	23	6	85
One	5,217	1,823	2,199	739	183	79	32	162
Two	1,603	325	644	403	126	41	24	40
Three	448	74	163	117	64	18	2	10
Four	143	20	49	39	19	10	5	1
Five Or More	57	6	19	14	5	5	6	2
Unknown	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
White		18,564	17,855	350	171
Black		1,748	115	1,592	8
Other		404	208	25	165
Unknown		2,556	247	53	5
					2,478
					188
					33
					6
					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, MHDSS 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	
Total	76,069	6,015	7.9	

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	
Total (includes unknown race)	76,069	6,015	7.9	

* 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. More information on BRFSS, along with public access data, can be found at:

<http://health.mo.gov/data/brfss/index.php>. 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 1st 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 at: http://www.cdc.gov/nchs/data/nvsr/nvsr47/nvs47_03.pdf.

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. Corrected data for these indicators are available at <http://health.mo.gov/data/mica/BirthMICA/index.html>

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 (1st, 2nd, 3rd 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: 1st Trimester, 2nd Trimester, 3rd 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 10th 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. For a general measure of the extent of the changes between the ninth and tenth revisions, consult <http://www.cdc.gov/nchs/products/nvsr.htm#vol49>. 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
*Diabetes mellitus.....	E10-E14
*Alzheimer's disease.....	G30
*Parkinson's disease	G20-G21
*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
*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
*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	
*Suicide.....	X60-X84, Y87.0
*Homicide.....	X85-Y09, Y87.1
All other external causes: events of undetermined intent, legal intervention, complications of 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 available online at: <http://health.mo.gov/data/CommunityDataProfiles/index.html>.

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 th -digit place code of 0
Public non-transport total	W00-X59 with 4 th -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
 Late effects of accidents	 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.

For further information about life expectancy tables and their methodology, go to http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60_09.pdf.

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