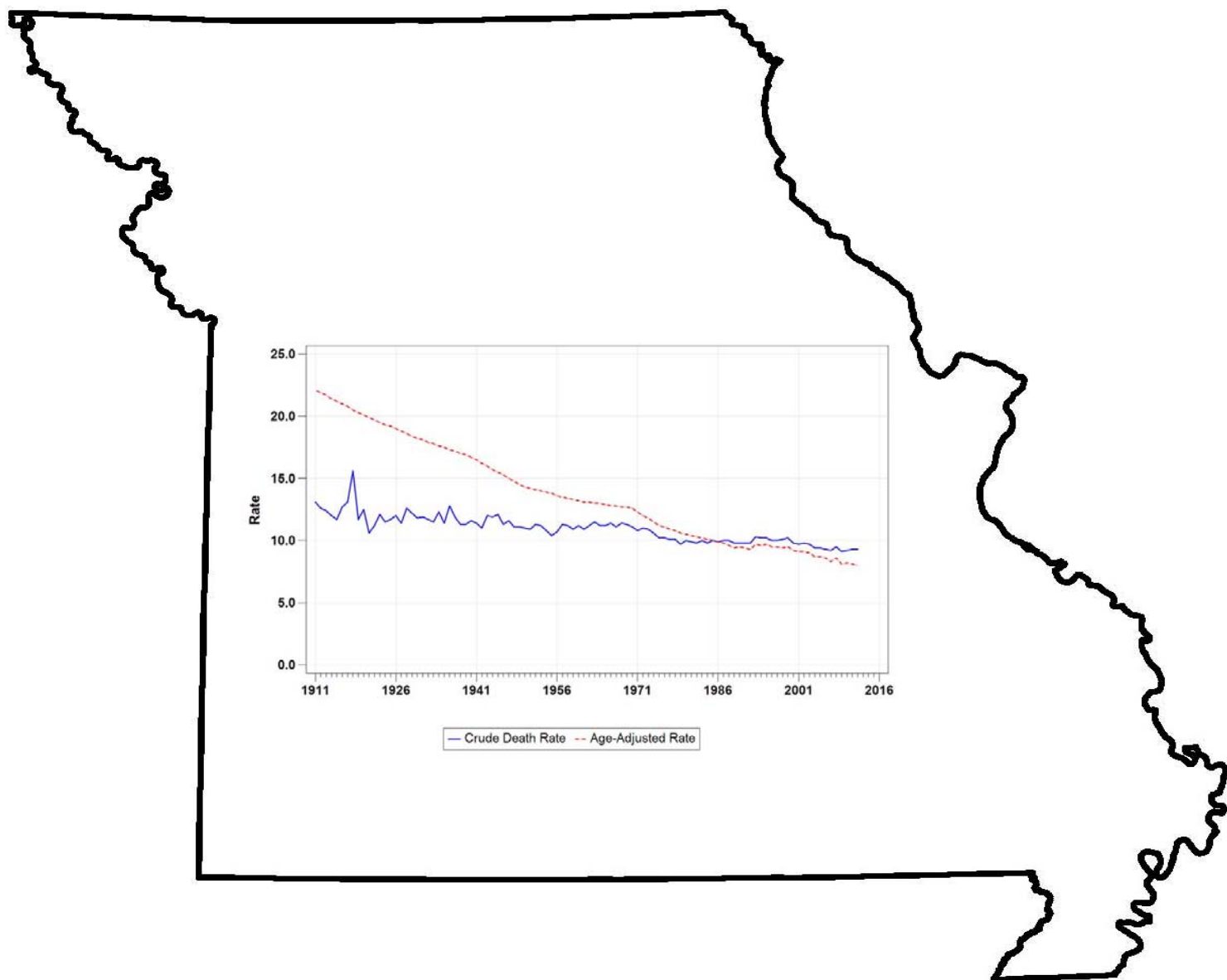


Missouri Vital Statistics 2012



Missouri Department of
Health and Senior Services
Bureau of Vital Statistics

**MISSOURI
VITAL STATISTICS
2012**

MISSOURI DEPARTMENT OF HEALTH & SENIOR SERVICES

BUREAU OF VITAL STATISTICS

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March 2014

PREFACE

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 2012. Records of live births were accepted through March 15, 2013, death and fetal death records through April 15, 2013, and marriages, dissolutions, and abortions were accepted through April 1, 2013, allowing information on 2012 events to be as complete as possible.

Missouri Vital Statistics 2012 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.

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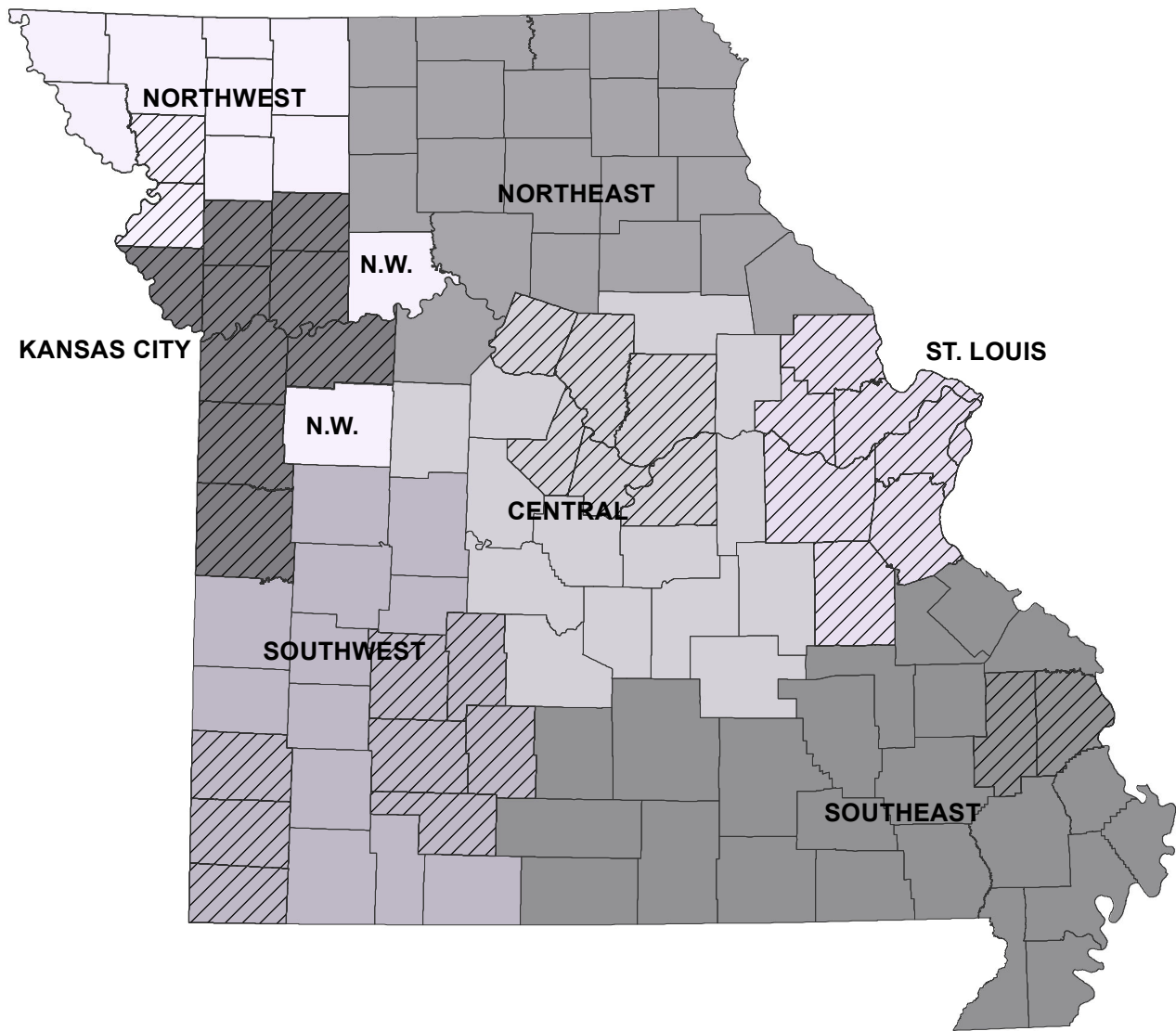
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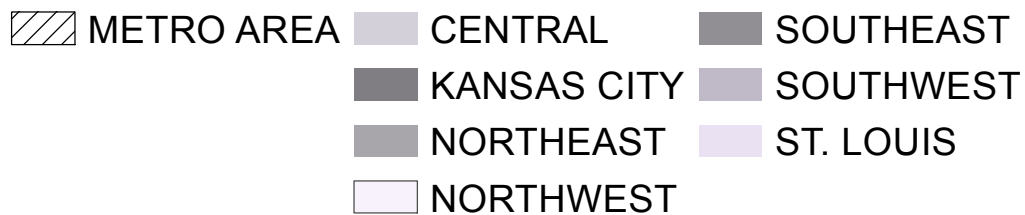
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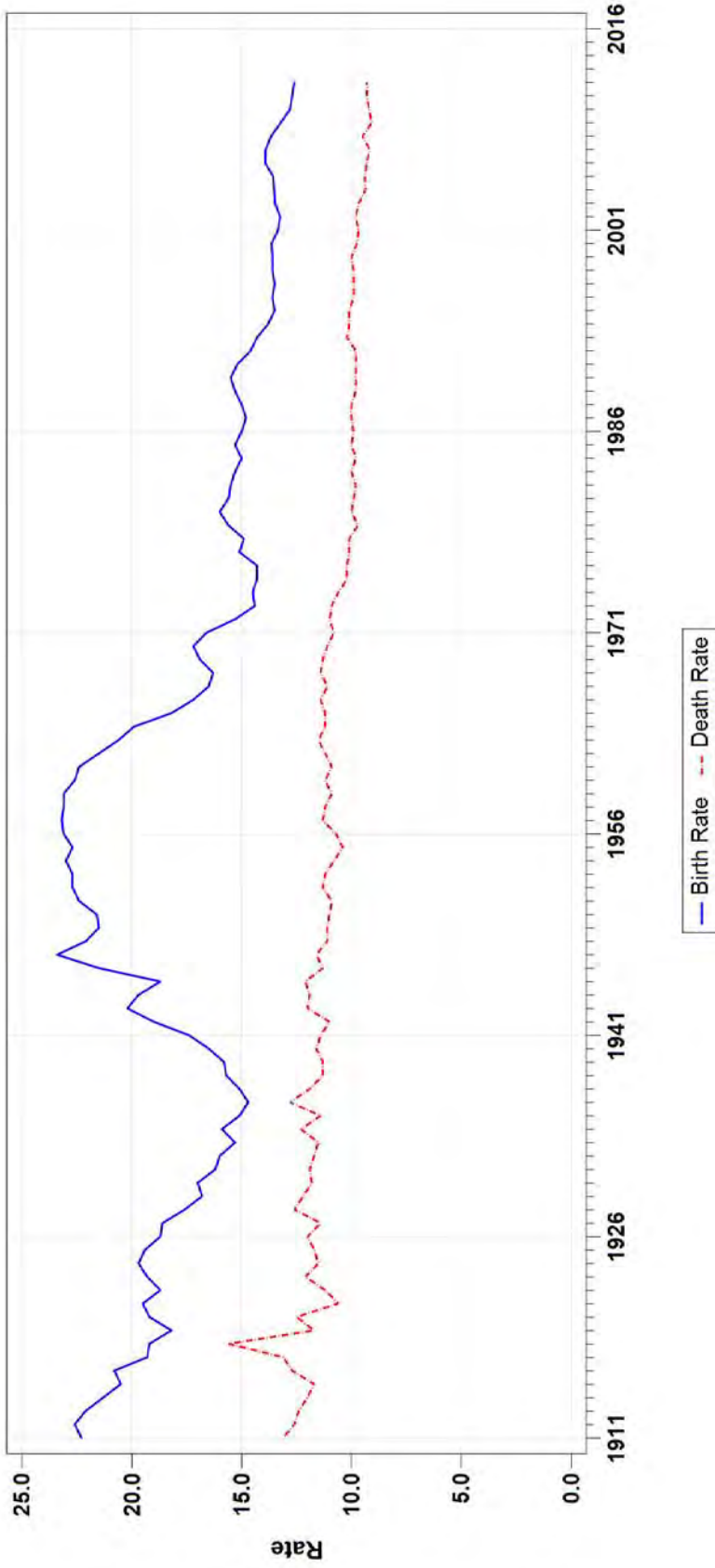
Behavioral Risk Factor Surveillance System (BRFSS) Regions



LEGEND



Graph A: Live Birth and Death Rates per 1,000 Population: Missouri, 1911-2012*



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
						2012	12.6	9.3

*1911-1944 recorded events 1945-2012 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.

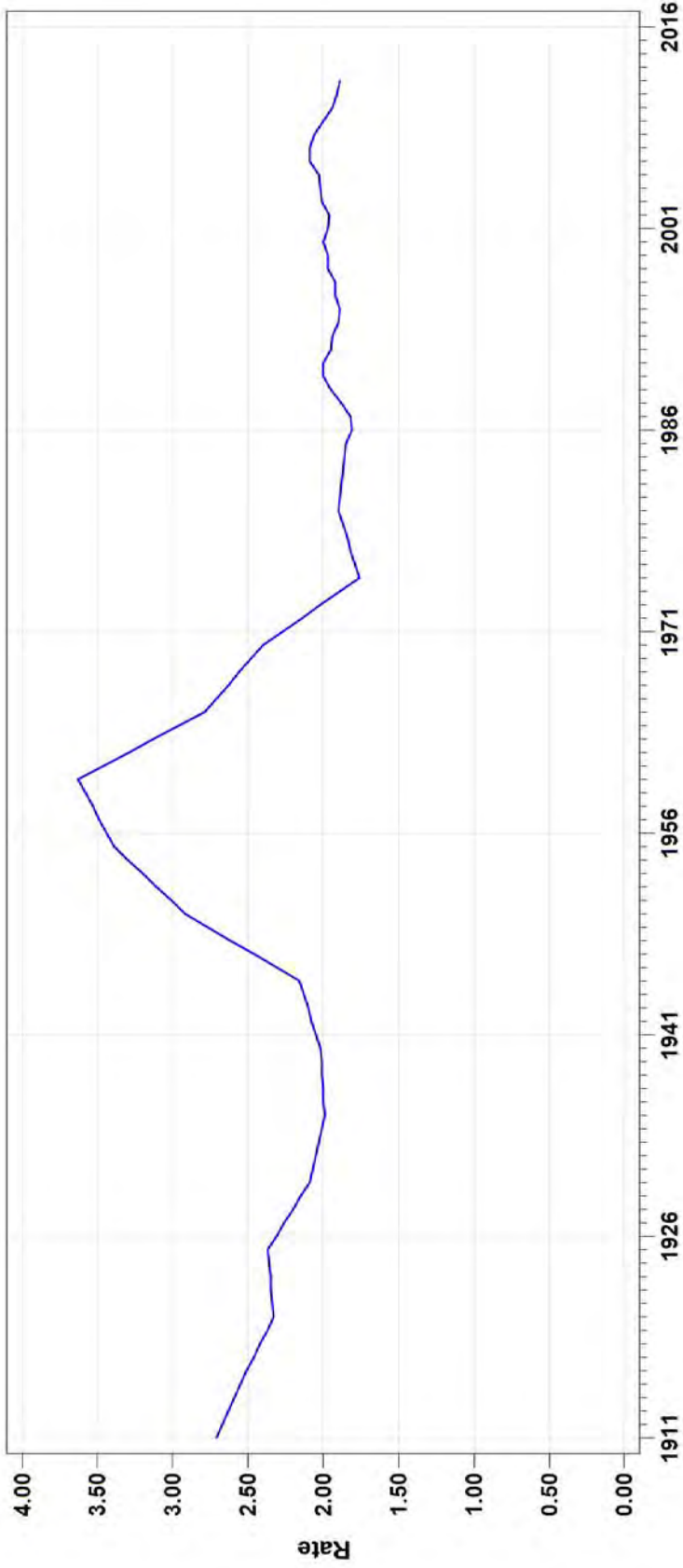
Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2012

Year	Estimated Mid-Year Population (Thousands)	Recorded			Resident			Natural Increase	
		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
1945	3,516	67,693	19.3	42,757	12.2	65,691	18.7	42,496	12.1
1946	3,746	82,901	22.1	42,640	11.4	80,698	21.5	42,377	11.3
1947	3,845	92,369	24.0	44,762	11.6	89,902	23.4	44,474	11.6
1948	3,844	87,005	22.6	42,921	11.2	85,096	22.1	42,753	11.1
1949	3,955	87,372	22.1	43,995	11.1	85,206	21.5	43,708	11.1
1950	3,964	87,948	22.2	43,962	11.1	85,704	21.6	43,714	11.0
1951	4,015	92,664	23.1	44,318	11.0	89,977	22.4	44,051	10.9
1952	3,972	92,931	23.4	45,245	11.4	90,118	22.7	45,051	11.3
1953	4,020	94,419	23.5	45,686	11.4	91,447	22.7	45,148	11.2
1954	4,066	97,278	23.9	44,404	10.9	93,453	23.0	43,835	10.8
1955	4,134	97,591	23.6	43,531	10.5	93,797	22.7	43,000	10.4
1956	4,163	100,163	24.1	45,003	10.8	96,099	23.1	44,458	10.7
1957	4,189	101,287	24.2	47,784	11.4	97,161	23.2	47,333	11.3
1958	4,186	100,729	24.1	47,338	11.3	96,721	23.1	46,729	11.2
1959	4,258	102,461	24.1	47,099	11.1	98,537	23.1	46,465	10.9
1960	4,326	101,778	23.5	48,955	11.3	97,723	22.6	48,287	11.2
1961	4,349	101,462	23.3	47,933	11.0	97,321	22.4	47,303	10.9
1962	4,357	97,658	22.4	49,685	11.4	93,879	21.5	49,016	11.2
1963	4,392	93,545	21.3	51,159	11.6	90,363	20.6	50,538	11.5
1964	4,442	90,918	20.5	50,271	11.3	88,335	19.9	49,617	11.2
1965	4,467	84,162	18.8	51,101	11.4	81,216	18.2	50,249	11.2
1966	4,523	80,750	17.9	52,476	11.6	77,946	17.2	51,581	11.4
1967	4,539	77,940	17.2	51,245	11.3	74,823	16.5	50,544	11.1
1968	4,568	77,028	16.9	52,834	11.6	74,304	16.3	52,019	11.4
1969	4,640	81,313	17.5	53,172	11.5	78,396	16.9	52,314	11.3
1970	4,680	83,787	17.9	52,592	11.2	80,707	17.2	51,743	11.1
1971	4,723	81,409	17.2	51,810	11.0	78,375	16.6	50,811	10.8
1972	4,753	75,127	15.8	53,249	11.2	72,597	15.3	52,287	11.0
1973	4,775	70,808	14.8	53,003	11.1	68,605	14.4	51,812	10.9
1974	4,785	71,875	15.0	51,656	10.8	69,412	14.5	50,504	10.6
1975	4,795	70,786	14.8	49,986	10.4	68,442	14.3	48,984	10.2
1976	4,824	71,319	14.8	50,074	10.4	68,781	14.3	49,008	10.2
1977	4,845	75,689	15.6	49,839	10.3	72,957	15.1	48,761	10.1
1978	4,871	75,283	15.5	50,439	10.4	72,654	14.9	49,207	10.1

Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2012

Year	Estimated Mid-Year Population (Thousands)	Recorded			Resident			Natural Increase	
		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
1979	4,889	78,562	16.1	48,946	10.0	76,056	15.6	47,656	9.7
1980	4,917	80,770	16.4	50,504	10.3	78,588	16.0	49,334	10.0
1981	4,932	78,538	15.9	49,780	10.1	76,758	15.6	48,645	9.9
1982	4,930	78,334	15.9	49,145	10.0	76,648	15.5	48,126	9.8
1983	4,944	77,061	15.6	50,540	10.2	75,505	15.3	49,381	10.0
1984	4,976	76,293	15.3	50,232	10.1	74,422	15.0	48,890	9.8
1985	5,002	78,760	15.7	51,635	10.3	76,697	15.3	50,098	10.0
1986	5,024	77,105	15.3	51,350	10.2	75,116	15.0	49,971	9.9
1987	5,057	76,909	15.2	52,016	10.3	74,830	14.8	50,362	10.0
1988	5,083	78,331	15.4	52,265	10.3	76,101	15.0	50,619	10.0
1989	5,096	79,866	15.7	51,679	10.1	77,755	15.3	50,169	9.8
1990	5,117	81,416	15.9	51,786	10.1	79,135	15.5	50,212	9.8
1991	5,171	81,076	15.7	52,362	10.1	78,468	15.2	50,711	9.8
1992	5,217	78,720	15.1	52,513	10.1	76,005	14.6	50,893	9.8
1993	5,271	77,986	14.8	55,322	10.5	75,146	14.3	53,655	10.2
1994	5,324	76,381	14.3	55,398	10.4	73,279	13.8	53,611	10.1
1995	5,378	75,980	14.1	56,062	10.4	72,804	13.5	54,222	10.1
1996	5,432	76,504	14.1	55,517	10.2	73,733	13.6	53,766	9.9
1997	5,481	76,650	14.0	55,887	10.2	73,940	13.5	54,203	9.9
1998	5,522	77,701	14.1	56,708	10.3	75,242	13.6	54,849	9.9
1999	5,562	77,371	13.9	57,621	10.4	75,366	13.6	55,732	10.0
2000	5,597	78,302	14.0	56,395	10.1	76,329	13.6	54,602	9.8
2001	5,641	76,690	13.6	56,343	10.0	75,290	13.3	54,601	9.7
2002	5,675	76,366	13.5	57,406	10.1	75,167	13.2	55,637	9.8
2003	5,709	77,878	13.6	56,903	10.0	76,960	13.5	55,195	9.7
2004	5,748	78,591	13.7	55,363	9.6	77,709	13.5	53,787	9.4
2005	5,790	79,525	13.7	56,091	9.7	78,547	13.6	54,324	9.4
2006	5,843	82,456	14.1	56,279	9.6	81,353	13.9	54,475	9.3
2007	5,888	82,823	14.1	55,888	9.5	81,883	13.9	53,937	9.2
2008	5,924	81,991	13.8	58,377	9.9	80,944	13.7	56,278	9.5
2009	5,961	79,593	13.4	56,148	9.4	78,849	13.2	54,064	9.1
2010	5,989	77,588	13.0	57,303	9.6	76,718	12.8	55,054	9.2
2011	6,009	77,135	12.9	57,794	9.7	76,069	12.7	55,599	9.3
2012	6,022	76,411	12.8	58,117	9.7	75,400	12.6	55,783	9.3

Graph B. Total Fertility Rates: Missouri, 1911-2012

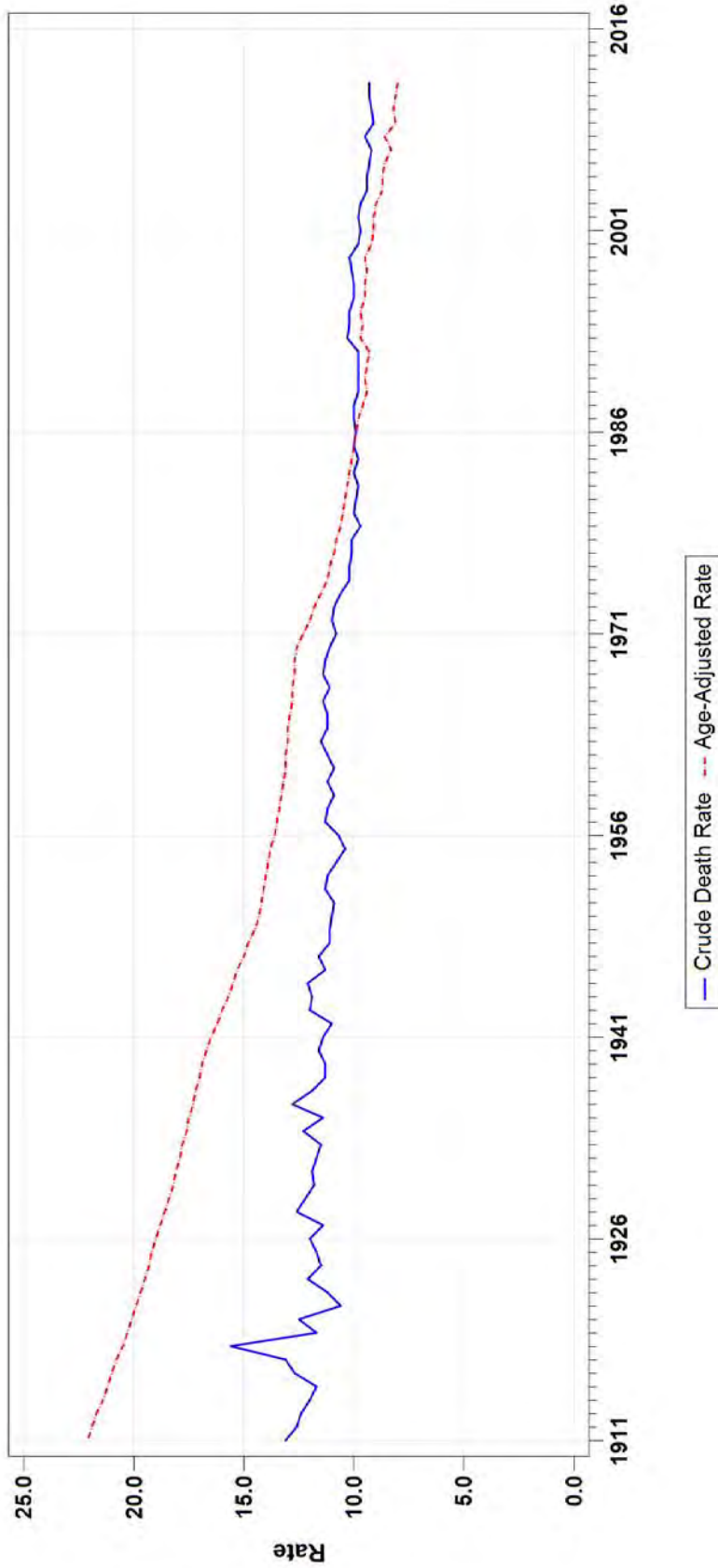


Year	Total Fertility Rate	Year	Total Fertility Rate	Year	Total Fertility Rate	Year	Total Fertility Rate
1911	2.71	1935	1.99	1960	3.63	1985	1.85
1915	2.55	1940	2.02	1965	2.79	1990	2.00
1920	2.33	1945	2.16	1970	2.40	1995	1.89
1925	2.37	1950	2.92	1975	1.76	2000	2.00
1930	2.09	1955	3.39	1980	1.90	2005	2.03
						2010	1.94
						2011	1.91
						2012	1.89

Table 3. Fertility Rates per 1,000 Females by Age of Mother: Missouri, 1911-2012

Year	General Fertility Rate	Age of Mother										
		Under 15	15-19					20-44				
			Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	
1911	93.3	0.4	---	---	---	---	134.2	133.5	109.6	77.7	33.5	3.8
1915	88.8	0.3	---	---	---	136.4	126.2	97.5	67.7	27.7	3.2	
1920	80.6	0.4	---	---	---	129.3	113.3	85.0	59.6	25.0	3.0	
1925	81.1	0.4	---	---	---	129.5	120.2	83.8	57.7	22.5	2.4	
1930	71.1	0.5	---	---	---	115.5	103.6	79.8	46.7	18.3	2.0	
1935	68.0	0.5	---	---	---	116.0	96.9	69.3	43.6	16.8	1.6	
1940	69.1	0.4	---	---	---	123.6	104.8	69.8	37.1	13.2	1.4	
1945	73.2	0.5	---	---	---	121.7	114.2	81.4	47.5	14.9	1.2	
1950	98.6	0.9	---	---	---	189.5	153.4	95.2	48.1	14.0	1.0	
1955	112.3	0.8	---	---	---	229.0	174.2	106.9	55.7	15.2	1.0	
1960	118.1	0.9	---	---	---	254.4	187.5	110.5	56.5	16.5	1.0	
1965	93.0	0.9	---	---	---	188.7	146.5	87.1	45.0	13.5	0.8	
1970	85.6	1.1	---	---	---	163.3	137.2	67.7	30.1	8.8	0.5	
1975	65.9	1.3	---	41.1	89.0	110.1	106.6	51.1	18.8	4.6	0.2	
1980	70.6	1.2	57.5	35.6	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	115.9	113.0	63.4	19.7	3.2	0.2	
1990	67.9	1.2	62.7	39.2	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	108.3	108.9	72.4	27.6	4.5	0.2	
1996	61.5	0.9	53.2	30.8	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	111.3	112.7	75.0	29.6	5.1	0.2	
1998	62.3	0.7	51.1	28.7	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	114.2	115.8	78.5	30.4	5.5	0.3	
2000	63.3	0.7	48.6	26.7	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	109.3	117.8	83.2	31.9	5.7	0.3	
2002	62.6	0.6	43.7	21.9	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	109.4	122.0	86.3	34.0	6.1	0.3	
2004	65.0	0.7	42.8	21.4	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	110.1	123.4	87.0	36.3	6.4	0.3	
2006	68.2	0.5	44.0	22.4	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	115.1	124.6	90.0	36.7	6.5	0.4	
2008	68.4	0.5	43.5	21.3	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	107.5	117.5	89.9	36.3	6.7	0.3	
2010	65.2	0.4	37.0	17.0	65.0	100.0	116.6	90.2	36.0	7.2	0.4	
2011	64.8	0.3	34.4	15.8	60.7	96.5	115.1	91.1	37.4	7.3	0.3	
2012	64.4	0.4	32.2	14.0	57.9	93.5	114.4	90.4	39.2	7.5	0.4	

Graph C: Crude and Age-Adjusted Death Rates* per 1,000 Population: Missouri, 1911-2012



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	9.2
1915	11.7	21.2	1940	11.6	16.7	1965	11.2	12.9	1990	9.8	9.3
1920	12.5	20.1	1945	12.1	15.5	1970	11.1	12.6	1995	10.2	9.3
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

*United States 2000 population distribution used as the standard.

Table 4. Age-Specific Death Rates per 1,000 Population: Missouri, 1911-2012

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	51.1	144.2
2012	8.0	6.6	0.3	0.2	0.8	1.3	2.0	4.7	9.4	20.1	50.3	141.2

*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, 2012

	All Races	White Non-Hisp	Black Non-Hisp	Other Non-Hisp*	Hispanic, Any Race
Total	75,400	56,289	10,717	4,303	4,047
Gender					
Male	38,638	28,850	5,476	2,263	2,031
Female	36,762	27,439	5,241	2,040	2,016
Attendant					
MD	61,528	45,296	9,535	3,579	3,086
DO	10,286	8,077	998	566	641
CNM/CM	2,326	1,755	134	132	302
Other Midwife	832	798	10	13	9
Other	428	363	40	13	9
Birthplace					
Hospital	73,980	54,989	10,653	4,272	4,026
Birthing Center	136	121	9	3	3
Clinic	69	68	0	1	0
Home Residence	1,148	1,066	45	21	13
...Planned	1,048	1,002	12	20	11
...Unplanned	87	54	30	1	2
Other	67	45	10	6	5
Month of Birth					
January	5,898	4,300	917	343	335
February	5,814	4,309	859	336	307
March	6,297	4,680	901	371	341
April	5,815	4,376	793	325	319
May	6,311	4,710	887	370	340
June	6,371	4,813	886	331	334
July	6,773	5,080	950	374	366
August	6,950	5,189	992	383	383
September	6,384	4,793	868	369	350
October	6,554	4,960	876	362	350
November	6,088	4,587	828	349	320
December	6,145	4,492	960	390	302
Number Born					
Singleton	72,760	54,302	10,299	4,165	3,950
Twin	2,568	1,928	406	137	97
Triplet	68	55	12	1	0
Quadruplet or More	4	4	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	53,620	40,546	6,937	3,135	2,978
One	13,844	10,090	2,316	739	696
Two or More	7,080	5,006	1,356	381	329
Unknown	856	647	108	48	44
Maternal Smoking					
Non-smoker	56,411	40,986	8,476	3,431	3,495
3 Months Prior	18,249	14,891	2,039	822	493
During Pregnancy	13,507	11,089	1,525	582	309
...First Trimester	13,086	10,776	1,451	564	293
...Second Trimester	11,250	9,318	1,220	486	224
...Last 3 Months	10,706	8,908	1,137	452	207
...Smoked Pack per Day	1,858	1,594	161	71	32
...Quit Smoking	2,760	2,154	377	128	101
Status Unknown	573	310	152	42	52
Full-Term Singleton, Maternal Weight Gain					
Less than 15 Pounds	7,108	4,851	1,389	388	477
15 to 24 Pounds	10,335	7,622	1,425	633	651
25 to 34 Pounds	17,431	13,416	2,014	1,014	979
35 to 44 Pounds	14,502	11,363	1,620	826	687
45 or More Pounds	12,872	10,001	1,726	631	511
Unknown	3,062	2,078	531	218	223
Maternal Weight Status Before Pregnancy					
Underweight	3,135	2,359	356	281	136
Normal	35,116	27,229	3,950	2,262	1,660
Overweight	17,541	12,970	2,627	858	1,082
Obese	18,231	13,007	3,510	798	912
Principal Payment Source					
Medicaid	32,259	20,162	7,914	1,817	2,349
Private Insurance	37,048	31,736	2,215	2,025	1,056
Self-pay	2,584	1,818	156	204	403
Other	1,610	1,115	194	139	162
Unknown	1,899	1,458	238	118	77

Table 5B. Resident Live Births by Selected Obstetric, Pediatric, and Maternal Conditions and Procedures: Missouri, 2012

	Number	Percent
<u>Live Births</u>	75,400	100.0
<u>Pregnancy Risk Factors</u>	20,606	27.3
...Pregnancy Diabetes	552	0.7
...Gestational Diabetes	3,956	5.2
...Insulin-dependent Diabetes	532	0.7
...Pregnancy Hypertension	1,441	1.9
...Gestational Hypertension	4,140	5.5
...Eclampsia	409	0.5
...Previous Preterm Births	2,443	3.2
...Other Poor Pregnancy Outcomes	1,301	1.7
...Infertility Treatment	813	1.1
...Previous Cesarean Delivery	10,237	13.6
<u>Infections</u>	2,291	3.0
...Gonorrhea	318	0.4
...Syphilis	39	0.1
...Chlamydia	1,726	2.3
...Hepatitis B	103	0.1
...Hepatitis C	314	0.4
...HIV	45	0.1
<u>Obstetric Procedures</u>	1,376	1.8
...Cervical Cerclage	236	0.3
...Tocolysis	1,045	1.4
...External Cephalic Version	184	0.2
.....Successful*	89	48.4
<u>Onset of Labor</u>	6,700	8.9
...Premature Membrane Rupture	2,951	3.9
...Precipitous Labor	2,971	3.9
...Prolonged Labor	1,064	1.4

	Number	Percent
<u>Characteristics of Labor</u>	65,785	87.2
...Induction of Labor	24,426	32.4
...Augmentation of Labor	17,576	23.3
...Non-vertex Presentation	1,406	1.9
...Steroids for Lung Maturation	1,429	1.9
...Antibiotics for Mother	16,706	22.2
...Clinical Chorioamnionitis	1,027	1.4
...Meconium Staining	4,006	5.3
...Fetal Intolerance of Labor	3,410	4.5
...Epidural Given	57,610	76.4
<u>Final Delivery Route and Method</u>		
...Vaginal/Spontaneous	48,172	63.9
...Vaginal/Forceps	655	0.9
...Vaginal/Vacuum	2,269	3.0
...Cesarean	23,835	31.6
.....Vaginal Trial Prior to Cesarean**	7,428	31.2
....Attempted Forceps	327	0.4
....Attempted Vacuum	579	0.8
....Vaginal After Previous Cesarean (VBAC)***	1,222	11.9
<u>Fetal Presentation:</u>		
...Cephalic	68,798	91.2
...Breech	2,897	3.8
...Other	1,869	2.5

	Number	Percent
<u>Abnormal Conditions of Newborn</u>	7,466	9.9
...Assisted Ventilation, Immediate	3,651	4.8
...Assisted Ventilation, Long-term	1,144	1.5
...NICU Admission	5,261	7.0
...Surfactant Therapy	642	0.9
...Antibiotics for Suspected Sepsis	1,919	2.5
...Seizures or Neurological Problems	66	0.1
...Birth Injury	90	0.1
<u>Congenital Anomalies</u>	426	0.6
...Anencephaly	10	0.0
...Spina Bifida	30	0.0
...Cyanotic Heart Disease	86	0.1
...Diaphragmatic Hernia	13	0.0
...Omphalocele	17	0.0
...Gastrochisis	30	0.0
...Limb Reduction	13	0.0
...Cleft Lip (with or without Cleft Palate)	61	0.1
...Cleft Palate (alone)	31	0.0
...Down Syndrome	46	0.1
...Other Chromosomal Disorder	43	0.1
...Hypospadias	88	0.1
<u>Maternal Morbidity</u>	1,173	1.6
...Maternal Transfusion	246	0.3
...Perinatal Laceration (3rd or 4th degree)	696	0.9
...Ruptured Uterus	42	0.1
...Unplanned Hysterectomy	33	0.0
...Admission to ICU	116	0.2
...Unplanned OR Procedure	201	0.3

* : 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, 2012

	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	75,400	30,327	23,556	12,470	5,244	3,803	30,288	14,617	7,949	4,334	1,971	1,417
Under 15	69	69	0	0	0	0	68	68	0	0	0	0
15-17	1,612	1,489	120	2	0	1	1,534	1,425	106	2	0	1
18-19	4,702	3,785	792	106	14	5	4,044	3,306	636	83	14	5
20-24	19,881	9,952	6,534	2,470	704	221	12,406	6,552	3,765	1,497	446	146
25-29	23,023	8,592	7,603	4,208	1,654	966	7,076	2,122	2,164	1,565	733	492
30-34	17,895	4,754	6,143	3,858	1,805	1,335	3,551	779	922	855	525	470
35-39	6,695	1,381	1,980	1,527	849	958	1,281	281	277	271	204	248
40-44	1,437	284	364	287	206	296	308	76	74	58	47	53
45 and Over	75	16	18	10	11	20	10	3	3	2	1	1
Unknown	11	5	2	2	1	1	10	5	2	1	1	1
White, Non-Hispanic	56,289	23,098	18,104	9,168	3,534	2,385	18,367	9,689	4,801	2,390	948	539
Under 15	32	32	0	0	0	0	31	31	0	0	0	0
15-17	994	926	68	0	0	0	925	871	54	0	0	0
18-19	3,121	2,579	488	47	6	1	2,580	2,179	362	32	6	1
20-24	13,824	7,224	4,559	1,559	378	104	7,585	4,351	2,234	768	182	50
25-29	17,859	7,148	6,049	3,069	1,055	538	4,238	1,489	1,339	882	342	186
30-34	14,204	3,859	5,109	3,077	1,323	836	2,054	517	582	512	267	176
35-39	5,118	1,093	1,550	1,191	621	663	750	196	181	153	119	101
40-44	1,071	221	268	216	142	224	190	49	47	40	30	24
45 and Over	57	13	11	7	8	18	6	3	0	2	1	0
Unknown	9	3	2	2	1	1	8	3	2	1	1	1
Black, Non-Hispanic	10,717	3,951	2,959	1,852	1,017	938	8,308	3,336	2,259	1,328	725	660
Under 15	21	21	0	0	0	0	21	21	0	0	0	0
15-17	397	355	40	2	0	0	394	352	40	2	0	0
18-19	1,022	763	212	41	3	3	1,000	747	209	38	3	3
20-24	3,906	1,704	1,281	594	244	83	3,486	1,544	1,139	517	211	75
25-29	2,782	632	808	641	383	318	1,979	428	576	456	284	235
30-34	1,747	354	428	385	255	325	1,018	176	227	223	169	223
35-39	678	103	146	159	104	166	336	54	51	81	51	99
40-44	150	17	40	27	25	41	71	14	15	11	7	24
45 and Over	14	2	4	3	3	2	3	0	2	0	0	1

Table 7. Teen-Age Resident Live Births by Race and Age of Mother by Marital Status and Live Birth Order with Percentages: Missouri, 2012

	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	6,383	5,343	912	128	5,646	4,799	742	105	88.5	89.8	81.4	82.0
10	0	0	0	0	0	0	0	0	---	---	---	---
11	1	1	0	0	0	0	0	0	0.0	0.0	---	---
12	0	0	0	0	0	0	0	0	---	---	---	---
13	13	13	0	0	13	13	0	0	100.0	100.0	---	---
14	55	55	0	0	55	55	0	0	100.0	100.0	---	---
15	176	173	2	1	172	169	2	1	97.7	97.7	100.0	100.0
16	469	444	25	0	451	432	19	0	96.2	97.3	76.0	---
17	967	872	93	2	911	824	85	2	94.2	94.5	91.4	100.0
18	1,840	1,605	206	29	1,665	1,458	180	27	90.5	90.8	87.4	93.1
19	2,862	2,180	586	96	2,379	1,848	456	75	83.1	84.8	77.8	78.1
White, Non-Hispanic	4,147	3,537	556	54	3,536	3,081	416	39	85.3	87.1	74.8	72.2
10	0	0	0	0	0	0	0	0	---	---	---	---
11	1	1	0	0	0	0	0	0	0.0	0.0	---	---
12	0	0	0	0	0	0	0	0	---	---	---	---
13	8	8	0	0	8	8	0	0	100.0	100.0	---	---
14	23	23	0	0	23	23	0	0	100.0	100.0	---	---
15	92	92	0	0	89	89	0	0	96.7	96.7	---	---
16	288	274	14	0	270	262	8	0	93.8	95.6	57.1	---
17	614	560	54	0	566	520	46	0	92.2	92.9	85.2	---
18	1,214	1,082	118	14	1,072	962	98	12	88.3	88.9	83.1	85.7
19	1,907	1,497	370	40	1,508	1,217	264	27	79.1	81.3	71.4	67.5
Black, Non-Hispanic	1,440	1,139	252	49	1,415	1,120	249	46	98.3	98.3	98.8	93.9
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	1	1	0	0	1	1	0	0	100.0	100.0	---	---
14	20	20	0	0	20	20	0	0	100.0	100.0	---	---
15	59	57	2	0	59	57	2	0	100.0	100.0	100.0	---
16	114	106	8	0	114	106	8	0	100.0	100.0	100.0	---
17	224	192	30	2	221	189	30	2	98.7	98.4	100.0	100.0
18	397	327	62	8	391	321	62	8	98.5	98.2	100.0	100.0
19	625	436	150	39	609	426	147	36	97.4	97.7	98.0	92.3

Table 8. Percent Resident Low Birth Weight and Resident Live Births by Birth Weight by Race and Age of Mother: Missouri, 2012

	Percent Low Birth Weight	Total	Birth Weight (Grams)												4500 or More	Unknown
			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	7.8	75,400	143	398	536	1,091	3,664	13,576	28,763	20,669	5,441	849	270			
Under 15	11.6	69	0	0	0	1	7	12	30	14	4	1	0			
15-17	9.1	1,612	3	13	12	31	88	345	652	394	66	5	3			
18-19	9.1	4,702	10	27	34	80	274	1,073	1,897	1,082	201	18	6			
20-24	8.3	19,881	34	122	162	304	1,029	4,104	8,085	4,767	1,069	156	49			
25-29	7.1	23,023	49	109	144	293	1,033	3,823	8,801	6,686	1,742	267	76			
30-34	7.2	17,895	30	79	121	248	802	2,832	6,476	5,352	1,599	264	92			
35-39	8.2	6,695	12	40	50	103	339	1,143	2,278	1,937	644	115	34			
40 and Over	9.9	1,512	5	8	13	31	91	243	538	436	114	23	10			
White,	6.7	56,289	71	226	345	727	2,412	9,120	21,273	16,634	4,545	720	216			
Non-Hispanic	6.3	32	0	0	0	0	2	4	16	7	3	0	0			
Under 15	8.8	994	1	9	7	19	51	182	392	281	48	2	2			
15-17	7.3	3,121	3	13	21	51	140	650	1,266	797	159	17	4			
18-19	6.9	13,824	10	61	88	179	618	2,572	5,641	3,623	869	126	37			
20-24	6.4	17,859	30	65	102	210	727	2,707	6,756	5,516	1,460	229	57			
25-29	6.4	14,204	16	46	82	178	576	2,044	5,080	4,490	1,383	228	81			
30-34	7.4	5,118	9	25	36	74	234	790	1,733	1,563	530	97	27			
35-39	8.7	1,128	2	7	9	16	63	170	384	356	92	21	8			
40 and Over	13.7	10,717	60	142	148	252	856	2,763	4,125	1,908	372	55	36			
Black,	19.0	21	0	0	0	1	3	6	7	3	1	0	0			
Non-Hispanic	10.6	397	1	3	5	8	25	113	168	63	7	3	1			
Under 15	14.3	1,022	6	13	10	22	95	299	397	159	19	0	2			
15-17	13.8	3,906	23	52	60	101	303	1,067	1,531	651	96	15	7			
18-19	12.5	2,782	16	38	29	49	214	660	1,114	512	122	14	14			
20-24	14.1	1,747	10	23	32	46	135	413	637	341	89	15	6			
25-29	15.3	678	1	12	8	17	65	173	211	148	32	7	4			
30-34	19.8	164	3	1	4	8	16	32	60	31	6	1	2			
35-39																
40 and Over																

**Table 9. Resident Live Births by Mother's Marital Status by Race of Mother
with Percentages by County and Cities with 25,000 or More Population: Missouri, 2012**

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
		75,400	56,289		10,717	30,288		18,367	8,308
State Total	75,400	56,289	10,717	30,288	18,367	8,308	40.2	32.6	77.5
Adair	249	234	1	75	72	0	30.1	30.8	0.0
Andrew	172	165	1	65	62	1	37.8	37.6	100.0
Atchison	55	52	0	17	16	0	30.9	30.8	---
Audrain	316	280	24	155	124	23	49.1	44.3	95.8
Barry	437	342	1	180	138	0	41.2	40.4	0.0
Barton	152	148	0	59	57	0	38.8	38.5	---
Bates	183	178	0	79	76	0	43.2	42.7	---
Benton	125	118	1	50	47	0	40.0	39.8	0.0
Bollinger	146	139	0	62	57	0	42.5	41.0	---
Boone	2,132	1,586	295	731	430	228	34.3	27.1	77.3
Buchanan	1,212	1,014	43	663	535	37	54.7	52.8	86.0
Butler	615	541	39	296	246	30	48.1	45.5	76.9
Caldwell	89	85	0	37	34	0	41.6	40.0	---
Callaway	527	488	12	210	186	10	39.8	38.1	83.3
Camden	400	374	2	163	150	1	40.8	40.1	50.0
Cape Girardeau	919	731	118	365	234	99	39.7	32.0	83.9
Carroll	107	101	1	41	38	1	38.3	37.6	100.0
Carter	81	77	1	38	36	1	46.9	46.8	100.0
Cass	1,154	1,016	42	376	324	13	32.6	31.9	31.0
Cedar	186	179	0	64	59	0	34.4	33.0	---
Chariton	80	76	1	20	18	1	25.0	23.7	100.0
Christian	962	889	5	254	232	2	26.4	26.1	40.0
Clark	103	101	0	31	30	0	30.1	29.7	---
Clay	3,121	2,458	205	1,010	704	102	32.4	28.6	49.8
Clinton	220	203	2	84	75	1	38.2	36.9	50.0
Cole	927	705	143	362	219	109	39.1	31.1	76.2
Cooper	191	173	4	64	53	4	33.5	30.6	100.0
Crawford	288	282	0	123	120	0	42.7	42.6	---
Dade	60	58	0	24	24	0	40.0	41.4	---
Dallas	192	185	0	54	50	0	28.1	27.0	---
Davies	106	103	0	26	24	0	24.5	23.3	---
DeKalb	100	98	0	38	37	0	38.0	37.8	---
Dent	173	160	0	59	57	0	34.1	35.6	---
Douglas	143	137	0	51	50	0	35.7	36.5	---

**Table 9. Resident Live Births by Mother's Marital Status by Race of Mother
with Percentages by County and Cities with 25,000 or More Population: Missouri, 2012**

Counties	All Live Births			Out-of-Wedlock Births			Percent Out-of-Wedlock		
	All Races	White, Non-Hispanic		All Races	White, Non-Hispanic		All Races	White, Non-Hispanic	
		Black, Non-Hispanic	Non-Hispanic		Black, Non-Hispanic	Non-Hispanic		Black, Non-Hispanic	Non-Hispanic
Dunklin	444	329	62	248	165	54	55.9	50.2	87.1
Franklin	1,247	1,180	10	483	451	9	38.7	38.2	90.0
Gasconade	133	125	0	52	50	0	39.1	40.0	---
Gentry	104	101	0	31	31	0	29.8	30.7	---
Greene	3,574	3,099	87	1,249	1,032	57	34.9	33.3	65.5
Grundy	153	148	0	53	50	0	34.6	33.8	---
Harrison	115	104	0	41	35	0	35.7	33.7	---
Henry	275	263	3	122	115	2	44.4	43.7	66.7
Hickory	71	69	0	22	21	0	31.0	30.4	---
Holt	47	46	0	14	14	0	29.8	30.4	---
Howard	115	106	4	36	30	4	31.3	28.3	100.0
Howell	515	492	2	205	190	1	39.8	38.6	50.0
Iron	114	107	0	55	50	0	48.2	46.7	---
Jackson	9,630	5,165	2,640	4,860	1,728	2,086	50.5	33.5	79.0
Jasper	1,745	1,372	21	734	537	17	42.1	39.1	81.0
Jefferson	2,702	2,541	19	1,021	944	15	37.8	37.2	78.9
Johnson	722	602	32	194	157	11	26.9	26.1	34.4
Knox	51	50	1	15	15	0	29.4	30.0	0.0
Laclede	445	421	2	168	161	1	37.8	38.2	50.0
Lafayette	386	350	4	162	142	4	42.0	40.6	100.0
Lawrence	484	414	1	163	134	0	33.7	32.4	0.0
Lewis	108	106	0	29	29	0	26.9	27.4	---
Lincoln	707	657	19	277	247	15	39.2	37.6	78.9
Linn	133	130	0	52	50	0	39.1	38.5	---
Livingston	179	166	2	77	70	1	43.0	42.2	50.0
McDonald	320	215	9	134	85	0	41.9	39.5	0.0
Macon	162	156	4	51	48	2	31.5	30.8	50.0
Madison	151	144	0	71	67	0	47.0	46.5	---
Maries	95	93	0	28	27	0	29.5	29.0	---
Marion	350	314	17	165	148	11	47.1	47.1	64.7
Mercer	45	45	0	12	12	0	26.7	26.7	---
Miller	302	289	1	136	130	1	45.0	45.0	100.0
Mississippi	180	114	59	111	57	51	61.7	50.0	86.4
Moniteau	216	206	1	63	57	1	29.2	27.7	100.0
Monroe	85	81	2	33	31	1	38.8	38.3	50.0

**Table 9. Resident Live Births by Mother's Marital Status by Race of Mother
with Percentages by County and Cities with 25,000 or More Population: Missouri, 2012**

Counties	All Live Births			Out-of-Wedlock Births			Percent Out-of-Wedlock		
	All Races	White, Non-Hispanic		All Races	White, Non-Hispanic		All Races	White, Non-Hispanic	
		Black, Non-Hispanic	Non-Hispanic		Black, Non-Hispanic	Non-Hispanic		Black, Non-Hispanic	Non-Hispanic
Montgomery	146	140	1	61	58	1	41.8	41.4	100.0
Morgan	264	256	1	91	87	1	34.5	34.0	100.0
New Madrid	216	165	41	111	74	32	51.4	44.8	78.0
Newton	746	597	12	270	207	6	36.2	34.7	50.0
Nodaway	226	211	1	60	58	1	26.5	27.5	100.0
Oregon	130	123	0	43	43	0	33.1	35.0	---
Osage	155	152	0	43	40	0	27.7	26.3	---
Ozark	109	104	0	39	36	0	35.8	34.6	---
Pemiscot	282	175	97	175	83	84	62.1	47.4	86.6
Perry	223	211	0	90	82	0	40.4	38.9	---
Pettis	585	462	18	214	160	15	36.6	34.6	83.3
Phelps	533	458	8	204	187	5	38.3	40.8	62.5
Pike	236	217	6	95	81	6	40.3	37.3	100.0
Platte	1,136	892	76	324	231	36	28.5	25.9	47.4
Polk	337	315	2	119	111	0	35.3	35.2	0.0
Pulaski	842	616	62	166	120	17	19.7	19.5	27.4
Putnam	47	47	0	12	12	0	25.5	25.5	---
Ralls	86	79	0	32	30	0	37.2	38.0	---
Randolph	276	251	8	127	111	7	46.0	44.2	87.5
Ray	235	218	1	115	105	1	48.9	48.2	100.0
Reynolds	64	61	0	29	28	0	45.3	45.9	---
Ripley	182	176	1	76	74	1	41.8	42.0	100.0
St. Charles	4,439	3,773	203	1,136	885	113	25.6	23.5	55.7
St. Clair	85	79	0	38	34	0	44.7	43.0	---
St. Francois	751	718	11	345	325	9	45.9	45.3	81.8
Ste. Genevieve	156	154	0	57	57	0	36.5	37.0	---
St. Louis City	4,696	1,633	2,517	2,809	402	2,167	59.8	24.6	86.1
St. Louis County	11,534	6,571	3,562	4,451	1,332	2,697	38.6	20.3	75.7
Saline	325	244	15	143	110	9	44.0	45.1	60.0
Schuyler	53	51	0	21	20	0	39.6	39.2	---
Scotland	78	77	0	12	12	0	15.4	15.6	---
Scott	512	398	92	259	171	77	50.6	43.0	83.7
Shannon	103	101	0	47	47	0	45.6	46.5	---
Shelby	69	66	2	20	18	1	29.0	27.3	50.0
Stoddard	374	356	6	135	128	3	36.1	36.0	50.0

**Table 9. Resident Live Births by Mother's Marital Status by Race of Mother
with Percentages by County and Cities with 25,000 or More Population: Missouri, 2012**

Counties	All Live Births				Out-of-Wedlock Births				Percent Out-of-Wedlock							
	All Races		White, Non-Hispanic		Black, Non-Hispanic		White, Non-Hispanic		Black, Non-Hispanic		All Races		White, Non-Hispanic		Black, Non-Hispanic	
Stone	253	234	0	109	97	0	43.1	41.5	---							
Sullivan	87	56	1	34	19	0	39.1	33.9	0.0							
Taney	620	541	8	263	222	4	42.4	41.0	50.0							
Texas	280	261	3	105	97	1	37.5	37.2	33.3							
Vernon	263	248	0	110	100	0	41.8	40.3	---							
Warren	415	371	13	171	144	7	41.2	38.8	53.8							
Washington	286	274	1	142	137	0	49.7	50.0	0.0							
Wayne	152	141	5	61	57	0	40.1	40.4	0.0							
Webster	527	496	0	134	122	0	25.4	24.6	---							
Worth	30	29	0	8	7	0	26.7	24.1	---							
Wright	228	215	0	89	82	0	39.0	38.1	---							

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	714	575	23	319	252	18	44.7	43.8	78.3							
...Jasper Co. Part	651	529	17	292	234	15	44.9	44.2	88.2							
...Newton Co. Part	63	46	6	27	18	3	42.9	39.1	50.0							
Kansas City	7,212	3,371	2,312	3,558	908	1,813	49.3	26.9	78.4							
...Jackson Co. Part	4,750	1,537	2,101	2,871	474	1,717	60.4	30.8	81.7							
...Clay Co. Part	1,846	1,382	153	515	319	71	27.9	23.1	46.4							
...Platte Co. Part	615	452	58	172	115	25	28.0	25.4	43.1							
...Cass Co. Part	1	0	0	0	0	0	0.0	---	---							

Table 9. Resident Live Births by Mother's Marital Status by Race of Mother with Percentages by County and Cities with 25,000 or More Population: Missouri, 2012

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
Ballwin	300	255	7	43	36	2	14.3	14.1	28.6
Blue Springs	692	567	39	238	180	23	34.4	31.7	59.0
Cape Girardeau	478	317	108	241	121	93	50.4	38.2	86.1
Chesterfield	376	280	15	41	25	8	10.9	8.9	53.3
Columbia	1,424	977	238	473	241	179	33.2	24.7	75.2
Florissant	668	375	231	297	119	150	44.5	31.7	64.9
Gladstone	333	241	29	152	95	16	45.6	39.4	55.2
Hazelwood	327	153	135	154	51	89	47.1	33.3	65.9
Independence	1,578	1,135	141	815	530	111	51.6	46.7	78.7
Jefferson City	538	364	121	237	128	90	44.1	35.2	74.4
Kirkwood	312	264	27	50	28	19	16.0	10.6	70.4
Lee's Summit	1,124	917	83	289	198	49	25.7	21.6	59.0
Liberty	359	314	12	119	91	10	33.1	29.0	83.3
Maryland Heights	376	214	55	112	56	33	29.8	26.2	60.0
O'Fallon	1,079	934	31	222	177	12	20.6	19.0	38.7
Raytown	333	195	97	156	65	66	46.8	33.3	68.0
St. Charles	798	598	69	276	188	40	34.6	31.4	58.0
St. Joseph	1,081	888	41	608	484	36	56.2	54.5	87.8
St. Louis City	4,696	1,633	2,517	2,809	402	2,167	59.8	24.6	86.1
St. Peters	659	569	29	152	130	11	23.1	22.8	37.9
Springfield	2,170	1,834	70	914	735	47	42.1	40.1	67.1
University City	481	256	147	150	23	105	31.2	9.0	71.4
Wentzville	509	446	24	113	86	18	22.2	19.3	75.0
Wildwood	226	201	5	25	19	2	11.1	9.5	40.0

Table 10A. Resident Live Births by Selected Characteristics by Race and Hispanic Origin of Mother: Missouri, 2012

	<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	75,400	100.0	56,289	100.0	10,717	100.0	4,303	100.0	4,047	100.0
Birth Weight: Under 2500 Grams	5,837	7.8	3,785	6.8	1,459	13.7	327	7.6	263	6.5
Birth Weight: Above 4499 Grams	849	1.1	720	1.3	55	0.5	34	0.8	39	1.0
Gestational Age: Less than 37 Weeks	8,898	11.8	6,038	10.7	1,869	17.5	519	12.1	465	11.5
APGAR (5 Minutes): Less than 8	4,040	5.4	2,774	5.0	854	8.0	199	4.7	208	5.2
Infant Care: NICU Admission	5,261	7.0	3,666	6.5	1,064	9.9	282	6.6	245	6.1
Infant Care: Transfer to Other Facility	1,205	1.6	830	1.5	269	2.5	56	1.3	49	1.2
Place of Birth: At-Home Delivery	1,148	1.5	1,066	1.9	45	0.4	21	0.5	13	0.3
Method of Delivery: Cesarean	23,835	31.8	17,795	31.8	3,501	32.7	1,389	32.4	1,140	28.3
Infant Care: Breastfed After Delivery	52,918	73.9	40,777	76.4	5,742	56.0	3,273	79.8	3,101	80.4
Maternal Smoking: During Pregnancy	13,507	18.1	11,089	19.8	1,525	14.4	582	13.7	309	7.7
...Quit Smoking During Pregnancy	2,760	20.4	2,154	19.4	377	24.7	128	22.0	101	32.7
Mat. Weight: Underweight (BMI < 18.5)	3,135	4.2	2,359	4.2	356	3.4	281	6.7	136	3.6
Mat. Weight: Obese (BMI >= 30)	18,230	24.6	13,006	23.4	3,510	33.6	798	19.0	912	24.1
Mat. Sing. Wt. Gain: Low (< 15 lbs)	7,108	11.4	4,851	10.3	1,389	17.0	388	11.1	477	14.4
Mat. Sing. Wt. Gain: High (> 45 lbs)	12,870	20.7	10,000	21.2	1,726	21.1	630	18.0	511	15.5
Mother's Education: Under 12 Yrs.	11,459	15.2	6,962	12.4	2,172	20.4	642	15.0	1,680	41.7
Marital Status: Out-of-Wedlock	30,288	40.2	18,367	32.6	8,308	77.5	1,499	34.8	2,095	51.8
Live Birth Order: 4 or More	9,047	12.1	5,919	10.6	1,955	18.4	454	10.6	712	17.7
Birth Spacing: Less than 18 Months	4,922	11.9	3,386	11.0	951	16.1	285	13.0	299	12.4
Prenatal Care: 1st Trimester	53,703	75.4	42,323	78.8	6,127	63.0	2,834	70.5	2,397	63.5
Prenatal Care: 2nd Trimester	13,957	19.6	9,259	17.2	2,714	27.9	906	22.5	1,071	28.4
Prenatal Care: 3rd Trimester	2,858	4.0	1,704	3.2	650	6.7	239	5.9	260	6.9
Prenatal Care: None	723	1.0	394	0.7	238	2.4	42	1.0	48	1.3
Prenatal Care: Inadequate	12,506	18.4	7,593	14.9	3,072	33.0	868	22.4	963	26.1
Maternal Utilization: Medicaid	32,259	43.9	20,162	36.8	7,914	75.5	1,817	43.4	2,349	59.2
Maternal Utilization: WIC	34,194	46.3	21,961	39.7	7,489	72.1	1,947	47.1	2,790	70.4
Maternal Utilization: Food Stamps	23,575	33.6	14,330	27.2	6,644	67.4	1,239	31.4	1,356	37.2
Mother's Age: At Delivery	69	0.1	32	0.1	21	0.2	6	0.1	10	0.2
15-17	1,612	2.1	994	1.8	397	3.7	90	2.1	130	3.2
18-19	4,702	6.2	3,121	5.5	1,022	9.5	238	5.5	321	7.9
20-24	19,881	26.4	13,824	24.6	3,906	36.4	982	22.8	1,159	28.6
25-29	23,023	30.5	17,859	31.7	2,782	26.0	1,228	28.5	1,145	28.3
30-34	17,895	23.7	14,204	25.2	1,747	16.3	1,127	26.2	804	19.9
35-39	6,695	8.9	5,118	9.1	678	6.3	504	11.7	388	9.6
40 and over	1,512	2.0	1,128	2.0	164	1.5	128	3.0	89	2.2

*: 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, 2012

	Northeast		Northwest		Central		Southeast		Southwest	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	2,955	100.0	2,996	100.0	8,785	100.0	7,070	100.0	11,412	100.0
Birth Weight: Under 2500 Grams	229	7.8	200	6.7	706	8.0	607	8.6	773	6.8
Birth Weight: Above 4499 Grams	41	1.4	44	1.5	96	1.1	74	1.1	154	1.4
Gestational Age: Less than 37 Weeks	365	12.4	321	10.7	1,006	11.5	1,001	14.3	1,205	10.6
APGAR (5 Minutes): Less than 8	225	7.7	116	3.9	645	7.4	461	6.6	661	5.9
Infant Care: NICU Admission	176	6.0	135	4.5	637	7.3	440	6.2	807	7.1
Infant Care: Transfer to Other Facility	61	2.1	67	2.2	156	1.8	192	2.7	113	1.0
Place of Birth: At-Home Delivery	162	5.5	60	2.0	131	1.5	75	1.1	374	3.3
Method of Delivery: Cesarean	943	32.0	882	29.5	2,873	32.8	2,307	33.3	3,263	29.1
Infant Care: Breastfed After Delivery	2,124	74.3	1,948	69.9	6,441	77.1	3,640	57.2	8,303	79.6
Maternal Smoking: During Pregnancy	714	24.3	687	23.1	1,850	21.2	1,952	28.0	2,216	19.5
...Quit Smoking During Pregnancy	135	18.9	132	19.2	356	19.2	277	14.2	436	19.7
Mat. Weight: Underweight (BMI < 18.5)	127	4.4	116	3.9	388	4.5	346	5.0	537	4.8
Mat. Weight: Obese (BMI >= 30)	819	28.1	742	25.2	2,235	25.7	1,822	26.6	2,786	24.9
Mat. Sing. Wt. Gain: Low (< 15 lbs)	323	13.1	303	12.3	875	12.3	762	14.2	1,161	12.0
Mat. Sing. Wt. Gain: High (> 45 lbs)	524	21.3	523	21.2	1,477	20.8	1,137	21.2	2,074	21.4
Mother's Education: Under 12 Yrs.	589	20.0	476	15.9	1,321	15.1	1,474	20.9	2,195	19.3
Marital Status: Out-of-Wedlock	1,109	37.5	1,198	40.0	3,129	35.6	3,163	44.7	4,152	36.4
Live Birth Order: 4 or More	426	14.5	366	12.3	1,013	11.6	890	12.7	1,441	12.8
Birth Spacing: Less than 18 Months	189	10.8	224	13.0	594	12.4	572	14.3	799	12.7
Prenatal Care: 1st Trimester	2,164	75.8	2,278	77.7	6,502	77.2	4,851	72.3	7,346	69.9
Prenatal Care: 2nd Trimester	528	18.5	491	16.7	1,570	18.6	1,513	22.5	2,556	24.3
Prenatal Care: 3rd Trimester	145	5.1	144	4.9	304	3.6	292	4.4	480	4.6
Prenatal Care: None	17	0.6	20	0.7	44	0.5	56	0.8	121	1.2
Prenatal Care: Inadequate	595	22.3	508	17.5	1,219	16.5	1,230	19.1	2,233	22.8
Maternal Utilization: Medicaid	1,431	48.7	1,377	47.5	3,378	39.4	4,120	61.9	5,867	52.7
Maternal Utilization: WIC	1,607	55.1	1,533	51.8	4,048	46.7	4,546	66.0	6,091	54.6
Maternal Utilization: Food Stamps	899	34.2	892	31.4	2,527	29.6	3,198	47.7	3,864	35.9
Mother's Age: At Delivery	3	0.1	2	0.1	6	0.1	8	0.1	14	0.1
15-17	59	2.0	66	2.2	187	2.1	228	3.2	282	2.5
18-19	199	6.7	219	7.3	523	6.0	648	9.2	866	7.6
20-24	993	33.6	957	31.9	2,458	28.0	2,500	35.4	3,423	30.0
25-29	886	30.0	960	32.0	2,843	32.4	2,028	28.7	3,533	31.0
30-34	558	18.9	582	19.4	1,940	22.1	1,134	16.0	2,307	20.2
35-39	215	7.3	172	5.7	679	7.7	420	5.9	814	7.1
40 and over	41	1.4	38	1.3	149	1.7	102	1.4	170	1.5

Table 10B. Resident Live Births by Selected Characteristics by BRFSS Region and Metro vs Non-Metro Area: Missouri, 2012

	<u>St. Louis Region</u>		<u>Kansas City Region</u>		<u>Metro</u>		<u>Non-Metro</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	26,025	100.0	16,153	100.0	57,100	100.0	18,296	100.0
Birth Weight: Under 2500 Grams	2,112	8.2	1,209	7.5	4,400	7.7	1,436	7.9
Birth Weight: Above 4499 Grams	256	1.0	184	1.1	645	1.1	204	1.1
Gestational Age: Less than 37 Weeks	3,171	12.2	1,828	11.3	6,622	11.6	2,275	12.5
APGAR (5 Minutes): Less than 8	1,061	4.1	871	5.4	2,680	4.7	1,360	7.5
Infant Care: NICU Admission	1,489	5.7	1,576	9.8	4,155	7.3	1,105	6.0
Infant Care: Transfer to Other Facility	446	1.7	170	1.1	738	1.3	467	2.6
Place of Birth: At-Home Delivery	193	0.7	153	0.9	676	1.2	472	2.6
Method of Delivery: Cesarean	8,944	34.5	4,623	28.7	18,025	31.7	5,810	32.1
Infant Care: Breastfed After Delivery	18,254	72.3	12,206	78.3	41,413	75.8	11,503	67.8
Maternal Smoking: During Pregnancy	3,520	13.6	2,567	16.0	8,869	15.6	4,637	25.6
...Quit Smoking During Pregnancy	855	24.3	569	22.2	1,970	22.2	790	17.0
Mat. Weight: Underweight (BMI < 18.5)	989	3.9	631	4.0	2,280	4.1	854	4.8
Mat. Weight: Obese (BMI >= 30)	5,988	23.3	3,837	24.3	13,470	24.0	4,759	26.6
Mat. Sing. Wt. Gain: Low (< 15 lbs)	2,166	10.1	1,518	11.2	5,128	10.7	1,980	13.6
Mat. Sing. Wt. Gain: High (> 45 lbs)	4,287	19.9	2,847	20.9	9,894	20.7	2,975	20.5
Mother's Education: Under 12 Yrs.	2,983	11.5	2,421	15.0	7,790	13.7	3,669	20.1
Marital Status: Out-of-Wedlock	10,490	40.3	7,047	43.6	23,085	40.4	7,203	39.4
Live Birth Order: 4 or More	2,925	11.3	1,985	12.3	6,620	11.7	2,426	13.4
Birth Spacing: Less than 18 Months	1,498	10.9	1,046	11.7	3,557	11.5	1,365	13.2
Prenatal Care: 1st Trimester	19,737	80.9	10,822	70.2	40,825	76.0	12,875	73.5
Prenatal Care: 2nd Trimester	3,703	15.2	3,595	23.3	10,283	19.1	3,673	21.0
Prenatal Care: 3rd Trimester	710	2.9	783	5.1	2,014	3.7	844	4.8
Prenatal Care: None	241	1.0	224	1.5	590	1.1	133	0.8
Prenatal Care: Inadequate	3,517	14.8	3,203	21.3	9,167	17.9	3,338	20.0
Maternal Utilization: Medicaid	9,468	37.3	6,617	41.6	22,763	40.7	9,495	54.0
Maternal Utilization: WIC	9,285	36.6	7,082	44.6	23,298	41.7	10,894	60.8
Maternal Utilization: Food Stamps	7,548	30.2	4,647	33.8	16,793	31.7	6,782	39.5
Mother's Age: At Delivery	22	0.1	14	0.1	50	0.1	19	0.1
15-17	433	1.7	357	2.2	1,107	1.9	505	2.8
18-19	1,249	4.8	997	6.2	3,219	5.6	1,482	8.1
20-24	5,563	21.4	3,987	24.7	13,711	24.0	6,170	33.7
25-29	7,749	29.8	5,023	31.1	17,541	30.7	5,481	30.0
30-34	7,436	28.6	3,938	24.4	14,662	25.7	3,233	17.7
35-39	2,898	11.1	1,496	9.3	5,541	9.7	1,153	6.3
40 and over	672	2.6	339	2.1	1,261	2.2	250	1.4

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	249	100.0	172	100.0	55	100.0	316	100.0	437	100.0	152	100.0	183	100.0
Birth Weight: Under 2500 Grams	24	9.6	12	7.0	1	1.8	35	11.1	30	6.9	12	7.9	10	5.5
Birth Weight: Above 4499 Grams	4	1.6	0	0.0	1	1.8	3	0.9	4	0.9	3	2.0	4	2.2
Gest. Age: Less than 37 Weeks	48	19.3	21	12.2	1	1.8	47	14.9	51	11.7	19	12.7	21	11.6
APGAR (5 Min.): Less than 8	40	16.1	6	3.5	0	0.0	25	8.0	23	5.3	6	4.0	11	6.2
Infant Care: NICU Admission	17	6.8	6	3.5	4	7.3	27	8.5	21	4.8	13	8.6	16	8.7
Infant Care: Transfer	10	4.0	7	4.1	4	7.3	5	1.6	8	1.8	6	3.9	3	1.6
Place of Birth: At-Home Delivery	11	4.4	2	1.2	0	0.0	17	5.4	7	1.6	11	7.2	6	3.3
Method of Delivery: Cesarean	94	37.8	40	23.4	18	32.7	114	36.1	120	27.6	55	36.4	53	29.6
Infant Care: Breastfed	176	75.9	109	68.6	41	77.4	186	62.2	264	67.7	106	73.6	126	74.6
Mat. Smoking: During Preg.	48	19.4	39	22.8	13	23.6	103	32.8	102	23.6	30	19.9	48	26.4
...Quit Smoking During Preg.	7	14.6	10	25.6	3	23.1	20	19.4	13	12.7	4	13.3	6	12.5
Mat. Wt.: Underweight	9	3.6	5	3.0	2	3.6	14	4.5	23	5.7	7	4.6	4	2.2
Mat. Wt.: Obese	76	30.8	36	21.3	12	21.8	88	28.3	89	22.0	44	28.9	56	31.3
Mat. Sing. Wt. Gain: Low	20	10.0	9	6.2	6	11.8	43	17.1	33	9.3	26	20.0	24	15.8
Mat. Sing. Wt. Gain: High	40	20.0	36	24.7	10	19.6	45	17.9	85	24.0	21	16.2	25	16.4
Mother's Education: Under 12 Yrs.	32	12.9	14	8.1	5	9.1	67	21.7	118	27.0	33	21.7	27	14.8
Marital Status: Out-of-Wedlock	75	30.1	65	37.8	17	30.9	155	49.1	180	41.2	59	38.8	79	43.2
Live Birth Order: 4 or More	25	10.1	13	7.6	7	12.7	45	14.2	74	17.0	18	11.9	21	11.5
Birth Spacing: Less than 18 Mos.	15	10.3	10	9.5	5	14.3	29	15.4	37	14.7	13	13.1	7	6.6
Prenatal Care: 1st Trimester	189	78.4	144	85.2	44	80.0	222	73.3	286	70.1	106	72.1	123	70.7
Prenatal Care: 2nd Trimester	41	17.0	22	13.0	10	18.2	63	20.8	89	21.8	32	21.8	44	25.3
Prenatal Care: 3rd Trimester	9	3.7	1	0.6	1	1.8	17	5.6	29	7.1	9	6.1	6	3.4
Prenatal Care: None	2	0.8	2	1.2	0	0.0	1	0.3	4	1.0	0	0.0	1	0.6
Prenatal Care: Inadequate	32	13.3	16	9.5	4	7.3	59	23.3	91	22.9	37	26.1	30	18.8
Maternal Utilization: Medicaid	124	49.8	67	39.6	24	43.6	144	46.6	266	65.5	75	50.0	92	52.0
Maternal Utilization: WIC	130	52.6	67	39.2	21	38.2	156	51.1	284	70.5	80	52.6	103	56.9
Maternal Utilization: FSP	87	36.1	35	20.6	11	25.0	96	31.9	168	43.4	50	38.8	49	38.0
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	1	0.5
Under 15	2	0.8	3	1.7	3	5.5	13	4.1	18	4.1	2	1.3	7	3.8
15-17	15	6.0	12	7.0	5	9.1	24	7.6	45	10.3	12	7.9	16	8.7
18-19	74	29.7	41	23.8	10	18.2	92	29.1	136	31.1	49	32.2	48	26.2
20-24	85	34.1	63	36.6	16	29.1	104	32.9	131	30.0	48	31.6	61	33.3
25-29	50	20.1	40	23.3	18	32.7	61	19.3	64	14.6	25	16.4	37	20.2
30-34	16	6.4	10	5.8	2	3.6	18	5.7	33	7.6	12	7.9	10	5.5
35-39	7	2.8	3	1.7	1	1.8	4	1.3	9	2.1	4	2.6	3	1.6
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	125	100.0	146	100.0	2,132	100.0	1,212	100.0	615	100.0	89	100.0	527	100.0
Birth Weight: Under 2500 Grams	11	8.8	10	6.8	154	7.2	91	7.5	66	10.9	5	5.6	58	11.0
Birth Weight: Above 4499 Grams	2	1.6	3	2.1	31	1.5	20	1.7	0	0.0	2	2.2	5	0.9
Gest. Age: Less than 37 Weeks	8	6.4	13	8.9	229	10.7	146	12.1	134	21.9	10	11.2	72	13.7
APGAR (5 Min.): Less than 8	16	12.8	8	5.6	121	5.7	34	2.8	23	3.9	4	4.5	36	6.8
Infant Care: NICU Admission	9	7.2	9	6.2	186	8.7	58	4.8	40	6.5	6	6.7	45	8.5
Infant Care: Transfer	3	2.4	0	0.0	6	0.3	27	2.2	30	4.9	1	1.1	2	0.4
Place of Birth: At-Home Delivery	8	6.4	0	0.0	34	1.6	6	0.5	3	0.5	2	2.2	4	0.8
Method of Delivery: Cesarean	45	36.0	44	31.2	771	36.2	363	30.0	153	26.2	23	25.8	164	31.1
Infant Care: Breastfed	76	63.9	88	72.1	1,708	83.2	694	59.5	267	49.7	59	67.8	399	79.5
Mat. Smoking: During Preg.	37	29.6	31	21.5	309	14.7	351	29.2	190	32.0	25	28.1	126	24.1
...Quit Smoking During Preg.	7	18.9	7	22.6	73	23.6	63	17.9	26	13.7	5	20.0	21	16.7
Mat. Wt.: Underweight	6	4.8	7	4.9	78	3.7	51	4.3	25	4.2	4	4.6	27	5.1
Mat. Wt.: Obese	42	33.9	35	24.3	490	23.2	299	25.0	159	26.7	21	24.1	151	28.8
Mat. Sing. Wt. Gain: Low	24	21.1	14	12.2	169	9.9	135	13.0	74	20.7	8	10.1	48	11.3
Mat. Sing. Wt. Gain: High	22	19.3	27	23.5	383	22.4	239	23.1	54	15.1	17	21.5	90	21.3
Mother's Education: Under 12 Yrs.	29	23.2	31	21.2	192	9.0	248	20.5	150	24.5	12	13.6	71	13.5
Marital Status: Out-of-Wedlock	50	40.0	62	42.5	731	34.3	663	54.7	296	48.1	37	41.6	210	39.8
Live Birth Order: 4 or More	11	8.8	18	12.5	192	9.0	152	12.5	60	9.8	12	13.5	59	11.2
Birth Spacing: Less than 18 Mos.	14	16.5	14	18.9	130	11.2	97	13.3	49	14.4	4	7.5	36	11.9
Prenatal Care: 1st Trimester	84	69.4	92	69.2	1,704	84.9	944	78.9	463	79.6	70	79.5	378	75.4
Prenatal Care: 2nd Trimester	30	24.8	38	28.6	248	12.4	194	16.2	98	16.8	16	18.2	93	18.6
Prenatal Care: 3rd Trimester	7	5.8	3	2.3	48	2.4	55	4.6	19	3.3	2	2.3	26	5.2
Prenatal Care: None	0	0.0	0	0.0	7	0.3	4	0.3	2	0.3	0	0.0	4	0.8
Prenatal Care: Inadequate	28	23.0	16	12.8	184	13.1	175	14.8	96	16.7	13	15.1	85	19.9
Maternal Utilization: Medicaid	76	62.3	66	53.7	669	31.6	711	59.1	435	71.3	42	47.2	225	43.0
Maternal Utilization: WIC	80	64.0	90	62.9	722	34.5	681	56.7	468	77.1	41	46.6	227	43.7
Maternal Utilization: FSP	56	47.1	59	43.1	495	24.2	478	41.0	316	53.6	26	30.6	179	34.6
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	2	0.2	2	0.3	0	0.0	1	0.2
15-17	3	2.4	6	4.1	33	1.5	41	3.4	20	3.3	2	2.2	9	1.7
18-19	15	12.0	12	8.2	86	4.0	107	8.8	73	11.9	7	7.9	34	6.5
20-24	43	34.4	62	42.5	420	19.7	386	31.8	234	38.0	30	33.7	152	28.8
25-29	33	26.4	36	24.7	702	32.9	374	30.9	140	22.8	27	30.3	156	29.6
30-34	21	16.8	19	13.0	619	29.0	220	18.2	103	16.7	18	20.2	126	23.9
35-39	8	6.4	8	5.5	216	10.1	69	5.7	39	6.3	3	3.4	42	8.0
40 and over	2	1.6	3	2.1	56	2.6	13	1.1	4	0.7	2	2.2	7	1.3

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	400	100.0	919	100.0	107	100.0	81	100.0	1,154	100.0	186	100.0	80	100.0
Birth Weight: Under 2500 Grams	22	5.5	79	8.6	8	7.5	8	9.9	68	5.9	17	9.2	6	7.5
Birth Weight: Above 4499 Grams	1	0.3	10	1.1	3	2.8	0	0.0	15	1.3	2	1.1	1	1.3
Gest. Age: Less than 37 Weeks	48	12.0	120	13.1	11	10.3	25	30.9	133	11.5	21	11.5	11	13.8
APGAR (5 Min.): Less than 8	18	4.5	43	4.7	9	8.4	5	6.4	60	5.2	13	7.3	3	3.8
Infant Care: NICU Admission	27	6.8	73	7.9	9	8.4	6	7.4	126	10.9	15	8.1	5	6.3
Infant Care: Transfer	14	3.5	7	0.8	1	0.9	1	1.2	14	1.2	4	2.2	1	1.3
Place of Birth: At-Home Delivery	1	0.3	7	0.8	5	4.7	0	0.0	9	0.8	14	7.5	1	1.3
Method of Delivery: Cesarean	117	29.3	271	30.1	34	32.1	19	25.0	316	27.4	57	31.7	25	31.3
Infant Care: Breastfed	275	69.6	552	69.7	78	76.5	37	50.7	905	80.7	131	76.2	58	74.4
Mat. Smoking: During Preg.	120	30.0	194	21.2	27	25.5	30	37.5	202	17.5	42	23.2	14	17.5
...Quit Smoking During Preg.	22	18.3	32	16.5	4	14.8	4	13.3	45	22.3	5	11.9	3	21.4
Mat. Wt.: Underweight	19	4.8	48	5.3	3	2.8	4	5.1	41	3.6	7	3.8	6	7.6
Mat. Wt.: Obese	83	20.8	181	20.0	30	28.0	14	17.7	308	27.0	41	22.2	16	20.3
Mat. Sing. Wt. Gain: Low	38	11.2	66	9.3	12	12.9	5	10.9	94	9.6	19	11.9	8	12.5
Mat. Sing. Wt. Gain: High	60	17.6	176	24.9	23	24.7	14	30.4	204	20.8	28	17.6	11	17.2
Mother's Education: Under 12 Yrs.	68	17.0	123	13.4	17	15.9	25	30.9	108	9.4	41	22.3	10	12.5
Marital Status: Out-of-Wedlock	163	40.8	365	39.7	41	38.3	38	46.9	376	32.6	64	34.4	20	25.0
Live Birth Order: 4 or More	51	12.8	97	10.8	12	11.2	9	11.1	136	11.8	32	17.3	10	12.5
Birth Spacing: Less than 18 Mos.	25	10.3	65	12.6	8	13.6	5	10.6	77	11.6	13	12.6	2	4.2
Prenatal Care: 1st Trimester	300	76.7	627	74.4	86	81.1	59	75.6	851	76.5	122	70.5	71	92.2
Prenatal Care: 2nd Trimester	68	17.4	176	20.9	13	12.3	13	16.7	222	19.9	42	24.3	5	6.5
Prenatal Care: 3rd Trimester	22	5.6	32	3.8	6	5.7	4	5.1	34	3.1	6	3.5	1	1.3
Prenatal Care: None	1	0.3	8	0.9	1	0.9	2	2.6	6	0.5	3	1.7	0	0.0
Prenatal Care: Inadequate	59	15.6	143	18.0	13	12.9	16	23.2	180	16.7	36	21.6	3	5.0
Maternal Utilization: Medicaid	243	60.8	380	45.9	53	50.0	56	70.9	406	36.0	107	59.1	29	36.7
Maternal Utilization: WIC	215	53.8	389	43.0	57	53.8	59	74.7	412	36.2	107	59.4	32	40.5
Maternal Utilization: FSP	153	38.4	301	33.7	33	31.1	45	57.0	221	28.1	73	40.8	17	23.0
Mother's Age: At Delivery	0	0.0	1	0.1	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
Under 15	5	1.3	12	1.3	1	0.9	0	0.0	16	1.4	6	3.2	2	2.5
15-17	34	8.5	68	7.4	5	4.7	4	4.9	72	6.2	20	10.8	7	8.8
18-19	119	29.8	269	29.3	39	36.4	40	49.4	287	24.9	64	34.4	21	26.3
20-24	137	34.3	293	31.9	34	31.8	25	30.9	365	31.6	46	24.7	28	35.0
25-29	74	18.5	191	20.8	21	19.6	9	11.1	294	25.5	34	18.3	18	22.5
30-34	26	6.5	67	7.3	7	6.5	2	2.5	92	8.0	13	7.0	3	3.8
35-39	5	1.3	18	2.0	0	0.0	1	1.2	27	2.3	3	1.6	1	1.3
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	962	100.0	103	100.0	3,121	100.0	220	100.0	927	100.0	191	100.0	288	100.0
Birth Weight: Under 2500 Grams	49	5.1	7	6.8	197	6.3	18	8.2	82	8.8	27	14.1	25	8.7
Birth Weight: Above 4499 Grams	12	1.2	1	1.0	40	1.3	3	1.4	5	0.5	3	1.6	4	1.4
Gest. Age: Less than 37 Weeks	83	8.6	16	15.5	323	10.4	25	11.4	103	11.1	24	12.6	24	8.4
APGAR (5 Min.): Less than 8	42	4.4	6	5.9	165	5.3	10	4.5	43	4.6	11	5.8	21	7.4
Infant Care: NICU Admission	71	7.4	5	4.9	264	8.5	20	9.1	61	6.6	24	12.6	13	4.5
Infant Care: Transfer	4	0.4	1	1.0	33	1.1	4	1.8	13	1.4	3	1.6	10	3.5
Place of Birth: At-Home Delivery	12	1.2	5	4.9	18	0.6	3	1.4	3	0.3	11	5.8	4	1.4
Method of Delivery: Cesarean	266	28.4	27	26.2	873	28.0	74	33.6	289	31.2	72	37.7	94	33.1
Infant Care: Breastfed	733	87.1	64	67.4	2,492	82.2	163	75.1	710	78.9	134	75.7	175	65.3
Mat. Smoking: During Preg.	108	11.3	29	28.4	446	14.3	49	22.3	169	18.3	38	20.1	78	27.3
...Quit Smoking During Preg.	30	27.8	6	20.7	102	22.9	9	18.4	34	20.1	7	18.4	9	11.5
Mat. Wt.: Underweight	35	3.7	6	5.8	123	4.0	6	2.7	35	3.8	8	4.2	14	4.9
Mat. Wt.: Obese	222	23.3	31	30.1	627	20.3	54	24.7	243	26.3	52	27.5	84	29.3
Mat. Sing. Wt. Gain: Low	77	9.1	13	14.9	231	8.6	20	10.7	103	12.9	17	11.2	36	15.1
Mat. Sing. Wt. Gain: High	195	23.0	20	23.0	605	22.6	39	20.9	166	20.9	38	25.0	45	18.9
Mother's Education: Under 12 Yrs.	84	8.7	21	20.4	285	9.1	20	9.1	106	11.4	34	17.8	57	19.9
Marital Status: Out-of-Wedlock	254	26.4	31	30.1	1,010	32.4	84	38.2	362	39.1	64	33.5	123	42.7
Live Birth Order: 4 or More	80	8.4	18	17.8	311	10.0	33	15.0	97	10.5	27	14.1	30	10.6
Birth Spacing: Less than 18 Mos.	48	9.3	10	14.7	184	10.8	14	11.1	56	11.2	16	13.3	18	11.9
Prenatal Care: 1st Trimester	651	74.7	79	79.0	2,277	75.1	175	81.0	640	71.6	143	79.0	225	81.2
Prenatal Care: 2nd Trimester	190	21.8	19	19.0	604	19.9	31	14.4	221	24.7	32	17.7	40	14.4
Prenatal Care: 3rd Trimester	26	3.0	1	1.0	122	4.0	9	4.2	26	2.9	5	2.8	9	3.2
Prenatal Care: None	4	0.5	1	1.0	30	1.0	1	0.5	7	0.8	1	0.6	3	1.1
Prenatal Care: Inadequate	138	18.6	17	16.8	484	16.3	31	14.6	135	15.9	31	23.7	35	13.4
Maternal Utilization: Medicaid	349	36.9	51	49.5	856	27.6	91	41.4	330	35.7	62	33.3	135	50.6
Maternal Utilization: WIC	388	40.7	55	53.4	906	29.4	100	45.5	363	39.4	74	39.2	172	60.6
Maternal Utilization: FSP	220	23.8	11	26.8	598	20.9	55	26.3	234	25.7	47	25.5	109	38.9
Mother's Age: At Delivery	2	0.2	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	17	1.8	1	1.0	42	1.3	4	1.8	12	1.3	4	2.1	10	3.5
18-19	48	5.0	3	2.9	127	4.1	17	7.7	52	5.6	5	2.6	20	6.9
20-24	228	23.7	34	33.0	615	19.7	51	23.2	251	27.1	53	27.7	97	33.7
25-29	340	35.3	27	26.2	1,091	35.0	70	31.8	298	32.1	61	31.9	89	30.9
30-34	228	23.7	27	26.2	834	26.7	47	21.4	212	22.9	51	26.7	58	20.1
35-39	85	8.8	10	9.7	348	11.2	22	10.0	83	9.0	13	6.8	14	4.9
40 and over	14	1.5	1	1.0	63	2.0	9	4.1	19	2.0	4	2.1	0	0.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<u>Dade</u>		<u>Dallas</u>		<u>Davies</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	60	100.0	192	100.0	106	100.0	100	100.0	173	100.0	143	100.0	444	100.0
Birth Weight: Under 2500 Grams	3	5.0	10	5.2	5	4.7	7	7.0	10	5.8	11	7.7	44	9.9
Birth Weight: Above 4499 Grams	1	1.7	3	1.6	0	0.0	0	0.0	2	1.2	3	2.1	1	0.2
Gest. Age: Less than 37 Weeks	4	6.7	17	8.9	10	9.4	14	14.0	15	8.7	16	11.3	65	15.2
APGAR (5 Min.): Less than 8	4	6.7	8	4.2	5	4.8	8	8.1	18	10.4	3	2.1	44	10.2
Infant Care: NICU Admission	6	10.0	14	7.3	4	3.8	8	8.0	5	2.9	14	9.8	19	4.3
Infant Care: Transfer	1	1.7	2	1.0	5	4.7	3	3.0	4	2.3	0	0.0	18	4.1
Place of Birth: At-Home Delivery	3	5.0	14	7.3	22	20.8	2	2.0	6	3.5	5	3.5	0	0.0
Method of Delivery: Cesarean	22	39.3	56	29.2	35	33.7	33	33.7	53	31.2	39	27.9	189	44.7
Infant Care: Breastfed	42	79.2	131	75.3	84	80.0	64	68.8	119	76.8	93	76.2	137	36.6
Mat. Smoking: During Preg.	20	33.9	41	21.4	23	21.9	28	28.0	49	28.8	35	24.8	149	34.6
...Quit Smoking During Preg.	3	15.0	9	22.0	4	17.4	4	14.3	11	22.4	6	17.1	17	11.4
Mat. Wt.: Underweight	2	3.3	10	5.2	2	2.2	3	3.1	9	5.4	7	5.1	22	5.4
Mat. Wt.: Obese	16	26.7	56	29.3	20	21.7	27	28.1	58	34.7	32	23.5	138	34.0
Mat. Sing. Wt. Gain: Low	10	18.5	30	17.9	4	5.0	11	13.3	21	18.1	13	11.5	68	22.0
Mat. Sing. Wt. Gain: High	8	14.8	29	17.3	25	31.3	13	15.7	26	22.4	30	26.5	58	18.8
Mother's Education: Under 12 Yrs.	11	18.6	58	30.2	45	42.5	17	17.0	43	25.1	27	18.9	172	39.1
Marital Status: Out-of-Wedlock	24	40.0	54	28.1	26	24.5	38	38.0	59	34.1	51	35.7	248	55.9
Live Birth Order: 4 or More	7	11.9	37	19.3	24	22.6	17	17.0	28	16.9	14	9.9	78	18.0
Birth Spacing: Less than 18 Mos.	3	9.4	7	6.4	10	14.9	8	12.1	7	10.1	13	17.1	44	16.9
Prenatal Care: 1st Trimester	35	64.8	129	72.1	62	60.2	79	83.2	137	86.2	84	67.2	320	76.4
Prenatal Care: 2nd Trimester	17	31.5	43	24.0	31	30.1	11	11.6	21	13.2	34	27.2	79	18.9
Prenatal Care: 3rd Trimester	2	3.7	6	3.4	9	8.7	3	3.2	1	0.6	6	4.8	20	4.8
Prenatal Care: None	0	0.0	1	0.6	1	1.0	2	2.1	0	0.0	1	0.8	0	0.0
Prenatal Care: Inadequate	8	16.3	29	17.9	37	35.6	10	10.6	17	11.6	22	21.6	84	20.3
Maternal Utilization: Medicaid	38	65.5	97	50.5	45	43.7	42	42.9	79	53.0	84	60.0	305	81.1
Maternal Utilization: WIC	38	63.3	88	48.1	47	46.5	49	49.5	103	60.6	96	69.6	338	81.4
Maternal Utilization: FSP	23	41.1	70	38.5	27	27.3	36	36.7	69	41.1	60	45.1	256	64.8
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
15-17	1	1.7	6	3.1	3	2.8	1	1.0	5	2.9	3	2.1	23	5.2
18-19	4	6.7	12	6.3	10	9.4	4	4.0	8	4.6	12	8.4	40	9.0
20-24	23	38.3	66	34.4	32	30.2	34	34.0	59	34.1	53	37.1	183	41.2
25-29	16	26.7	56	29.2	30	28.3	38	38.0	50	28.9	50	35.0	121	27.3
30-34	13	21.7	36	18.8	21	19.8	15	15.0	22	12.7	16	11.2	52	11.7
35-39	2	3.3	12	6.3	8	7.5	7	7.0	21	12.1	9	6.3	23	5.2
40 and over	1	1.7	4	2.1	2	1.9	1	1.0	8	4.6	0	0.0	2	0.5

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	1,247	100.0	133	100.0	104	100.0	3,574	100.0	153	100.0	115	100.0	275	100.0
Birth Weight: Under 2500 Grams	76	6.1	13	9.9	4	3.8	241	6.7	10	6.6	10	8.7	23	8.4
Birth Weight: Above 4499 Grams	10	0.8	2	1.5	2	1.9	67	1.9	3	2.0	0	0.0	4	1.5
Gest. Age: Less than 37 Weeks	139	11.2	14	10.5	7	6.9	364	10.2	15	9.8	12	10.5	36	13.2
APGAR (5 Min.): Less than 8	36	2.9	7	5.4	4	4.2	214	6.0	10	6.5	6	5.4	37	13.5
Infant Care: NICU Admission	51	4.1	9	6.8	5	4.8	269	7.5	10	6.5	7	6.1	21	7.6
Infant Care: Transfer	17	1.4	3	2.3	0	0.0	15	0.4	2	1.3	3	2.6	8	2.9
Place of Birth: At-Home Delivery	3	0.2	1	0.8	7	6.7	74	2.1	15	9.8	6	5.2	5	1.8
Method of Delivery: Cesarean	433	34.8	53	40.2	32	30.8	976	28.2	50	33.6	34	29.6	102	37.1
Infant Care: Breastfed	811	66.7	92	71.9	71	69.6	2,702	87.0	98	65.3	77	73.3	126	48.8
Mat. Smoking: During Preg.	308	24.9	29	21.8	28	26.9	633	17.8	47	30.9	27	23.5	84	30.5
...Quit Smoking During Preg.	71	23.1	3	10.3	4	14.3	131	20.7	6	12.8	4	14.8	20	23.8
Mat. Wt.: Underweight	54	4.3	8	6.0	3	2.9	182	5.2	9	6.4	8	7.1	10	3.7
Mat. Wt.: Obese	309	24.8	32	24.1	27	26.0	836	23.7	38	27.1	35	31.3	70	25.6
Mat. Sing. Wt. Gain: Low	129	11.9	12	10.5	15	16.3	334	10.9	11	9.5	18	19.6	34	15.0
Mat. Sing. Wt. Gain: High	220	20.3	23	20.2	15	16.3	731	23.8	16	13.8	19	20.7	38	16.8
Mother's Education: Under 12 Yrs.	193	15.5	20	15.0	22	21.2	490	13.7	54	35.3	22	19.1	53	19.3
Marital Status: Out-of-Wedlock	483	38.7	52	39.1	31	29.8	1,249	34.9	53	34.6	41	35.7	122	44.4
Live Birth Order: 4 or More	157	12.6	15	11.3	19	18.3	358	10.3	32	20.9	16	13.9	26	9.5
Birth Spacing: Less than 18 Mos.	71	10.2	14	20.3	7	11.9	212	11.8	9	10.0	12	19.4	16	10.3
Prenatal Care: 1st Trimester	983	81.0	103	80.5	82	83.7	2,287	74.2	99	67.3	80	70.2	202	74.3
Prenatal Care: 2nd Trimester	203	16.7	19	14.8	9	9.2	648	21.0	35	23.8	27	23.7	51	18.8
Prenatal Care: 3rd Trimester	22	1.8	6	4.7	4	4.1	104	3.4	10	6.8	6	5.3	15	5.5
Prenatal Care: None	5	0.4	0	0.0	3	3.1	44	1.4	3	2.0	1	0.9	4	1.5
Prenatal Care: Inadequate	140	11.7	17	13.8	12	12.0	528	19.3	48	33.1	25	21.7	49	18.2
Maternal Utilization: Medicaid	453	37.0	50	37.9	47	45.2	1,689	48.4	86	56.2	73	63.5	150	59.1
Maternal Utilization: WIC	522	42.7	68	52.3	45	44.1	1,790	51.1	97	65.1	72	63.7	165	60.9
Maternal Utilization: FSP	352	29.3	42	33.1	25	25.0	1,204	35.3	51	35.9	38	36.2	103	39.8
Mother's Age: At Delivery	1	0.1	0	0.0	0	0.0	1	0.0	1	0.7	0	0.0	0	0.0
15-17	27	2.2	2	1.5	3	2.9	74	2.1	4	2.6	0	0.0	12	4.4
18-19	75	6.0	13	9.8	5	4.8	202	5.7	13	8.5	15	13.0	25	9.1
20-24	363	29.1	41	30.8	31	29.8	985	27.6	65	42.5	45	39.1	96	34.9
25-29	402	32.2	37	27.8	40	38.5	1,173	32.8	36	23.5	32	27.8	82	29.8
30-34	275	22.1	31	23.3	14	13.5	816	22.8	16	10.5	13	11.3	48	17.5
35-39	84	6.7	8	6.0	10	9.6	265	7.4	16	10.5	8	7.0	7	2.5
40 and over	20	1.6	1	0.8	1	1.0	56	1.6	2	1.3	2	1.7	5	1.8

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	71	100.0	47	100.0	115	100.0	515	100.0	114	100.0	9,630	100.0	1,745	100.0
Birth Weight: Under 2500 Grams	7	9.9	1	2.1	11	9.6	24	4.7	12	10.5	790	8.2	113	6.5
Birth Weight: Above 4499 Grams	0	0.0	2	4.3	3	2.6	5	1.0	0	0.0	102	1.1	14	0.8
Gest. Age: Less than 37 Weeks	11	15.5	4	8.5	10	8.7	36	7.0	18	15.9	1,145	11.9	189	10.8
APGAR (5 Min.): Less than 8	4	6.2	0	0.0	11	9.6	42	8.2	5	4.4	547	5.7	59	3.4
Infant Care: NICU Admission	4	5.6	0	0.0	6	5.2	15	2.9	6	5.3	994	10.3	135	7.7
Infant Care: Transfer	4	5.6	0	0.0	2	1.7	12	2.3	3	2.6	94	1.0	15	0.9
Place of Birth: At-Home Delivery	6	8.5	1	2.1	0	0.0	8	1.6	0	0.0	103	1.1	11	0.6
Method of Delivery: Cesarean	24	34.3	12	25.5	38	33.0	104	20.2	36	31.9	2,754	28.6	542	31.1
Infant Care: Breastfed	50	72.5	36	78.3	84	75.0	375	75.0	50	45.0	7,116	76.8	1,299	75.3
Mat. Smoking: During Preg.	20	28.6	12	25.5	30	26.3	129	25.0	47	41.2	1,503	15.8	314	18.1
...Quit Smoking During Preg.	3	15.0	1	8.3	3	10.0	23	17.8	8	17.0	340	22.6	58	18.5
Mat. Wt.: Underweight	6	8.6	2	4.3	5	4.4	25	5.0	7	6.3	388	4.2	80	4.6
Mat. Wt.: Obese	18	25.7	12	26.1	33	29.2	119	23.7	25	22.5	2,389	25.6	451	26.2
Mat. Sing. Wt. Gain: Low	7	11.9	4	9.3	12	12.0	53	11.4	17	18.9	970	12.1	198	13.1
Mat. Sing. Wt. Gain: High	9	15.3	8	18.6	29	29.0	98	21.1	21	23.3	1,608	20.1	293	19.3
Mother's Education: Under 12 Yrs.	17	23.9	4	8.5	15	13.0	93	18.1	24	21.2	1,797	18.7	384	22.1
Marital Status: Out-of-Wedlock	22	31.0	14	29.8	36	31.3	205	39.8	55	48.2	4,860	50.5	734	42.1
Live Birth Order: 4 or More	15	21.1	3	6.4	9	7.8	69	13.4	12	10.6	1,298	13.5	215	12.3
Birth Spacing: Less than 18 Mos.	10	21.7	2	6.3	7	10.3	48	16.2	3	4.7	664	12.4	129	12.7
Prenatal Care: 1st Trimester	53	76.8	42	89.4	96	86.5	358	71.5	67	61.5	6,068	66.7	1,123	65.5
Prenatal Care: 2nd Trimester	11	15.9	4	8.5	12	10.8	127	25.3	37	33.9	2,329	25.6	495	28.9
Prenatal Care: 3rd Trimester	4	5.8	1	2.1	3	2.7	14	2.8	5	4.6	542	6.0	76	4.4
Prenatal Care: None	1	1.4	0	0.0	0	0.0	2	0.4	0	0.0	164	1.8	20	1.2
Prenatal Care: Inadequate	14	21.9	5	11.4	9	10.6	85	17.2	26	24.3	2,182	24.6	427	25.1
Maternal Utilization: Medicaid	39	55.7	21	44.7	55	47.8	343	67.9	80	70.2	4,592	48.6	972	55.9
Maternal Utilization: WIC	40	57.1	20	42.6	49	43.8	362	71.8	98	86.0	4,914	52.0	916	53.3
Maternal Utilization: FSP	28	41.2	11	25.0	37	33.6	243	48.9	62	56.4	3,313	41.0	616	36.8
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	10	0.1	7	0.4
15-17	2	2.8	1	2.1	2	1.7	19	3.7	3	2.6	254	2.6	47	2.7
18-19	5	7.0	4	8.5	8	7.0	48	9.3	16	14.0	660	6.9	155	8.9
20-24	24	33.8	14	29.8	30	26.1	184	35.7	50	43.9	2,560	26.6	556	31.9
25-29	21	29.6	12	25.5	48	41.7	146	28.3	30	26.3	2,861	29.7	518	29.7
30-34	12	16.9	13	27.7	21	18.3	79	15.3	12	10.5	2,255	23.4	322	18.5
35-39	6	8.5	3	6.4	6	5.2	29	5.6	1	0.9	835	8.7	117	6.7
40 and over	1	1.4	0	0.0	0	0.0	9	1.7	2	1.8	194	2.0	22	1.3

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	2,702	100.0	722	100.0	51	100.0	445	100.0	386	100.0	484	100.0	108	100.0
Birth Weight: Under 2500 Grams	176	6.6	51	7.1	2	3.9	40	9.0	16	4.1	27	5.6	8	7.5
Birth Weight: Above 4499 Grams	30	1.1	11	1.5	0	0.0	4	0.9	5	1.3	3	0.6	2	1.9
Gest. Age: Less than 37 Weeks	315	11.7	69	9.6	5	9.8	65	14.7	27	7.0	42	8.7	19	17.6
APGAR (5 Min.): Less than 8	89	3.3	32	4.4	6	11.8	21	4.7	14	3.6	18	3.7	1	0.9
Infant Care: NICU Admission	178	6.6	28	3.9	1	2.0	34	7.7	17	4.4	17	3.5	8	7.4
Infant Care: Transfer	35	1.3	14	1.9	1	2.0	21	4.7	4	1.0	7	1.4	2	1.9
Place of Birth: At-Home Delivery	23	0.9	5	0.7	11	21.6	2	0.4	2	0.5	17	3.5	12	11.1
Method of Delivery: Cesarean	1,043	38.7	195	27.0	10	19.6	137	31.1	113	29.3	130	27.0	28	25.9
Infant Care: Breastfed	1,771	67.6	491	81.7	39	79.6	285	67.4	258	70.9	332	72.0	77	73.3
Mat. Smoking: During Preg.	603	22.5	91	12.7	8	16.0	120	27.0	93	24.3	111	22.9	21	19.4
...Quit Smoking During Preg.	103	17.1	21	23.1	2	25.0	27	22.5	20	21.5	23	20.7	2	9.5
Mat. Wt.: Underweight	96	3.6	32	4.5	3	5.9	27	6.1	18	4.7	22	4.6	3	2.8
Mat. Wt.: Obese	704	26.3	177	24.7	11	21.6	125	28.4	105	27.4	127	26.7	29	27.1
Mat. Sing. Wt. Gain: Low	222	9.7	60	11.5	4	8.7	52	14.2	53	16.0	53	12.6	11	12.5
Mat. Sing. Wt. Gain: High	491	21.5	91	17.4	4	8.7	77	21.0	76	23.0	91	21.6	10	11.4
Mother's Education: Under 12 Yrs.	298	11.1	67	9.3	19	37.3	110	24.7	57	14.8	134	27.7	25	23.1
Marital Status: Out-of-Wedlock	1,021	37.8	194	26.9	15	29.4	168	37.8	162	42.0	163	33.7	29	26.9
Live Birth Order: 4 or More	269	10.0	74	10.5	7	13.7	52	11.9	43	11.2	91	19.0	16	14.8
Birth Spacing: Less than 18 Mos.	134	9.1	48	13.3	2	8.3	31	12.4	18	8.7	44	14.6	8	12.5
Prenatal Care: 1st Trimester	2,110	81.5	520	74.7	33	68.8	310	72.1	284	74.9	318	71.0	80	75.5
Prenatal Care: 2nd Trimester	409	15.8	124	17.8	10	20.8	98	22.8	71	18.7	97	21.7	18	17.0
Prenatal Care: 3rd Trimester	46	1.8	47	6.8	4	8.3	18	4.2	17	4.5	30	6.7	8	7.5
Prenatal Care: None	24	0.9	5	0.7	1	2.1	4	0.9	7	1.8	3	0.7	0	0.0
Prenatal Care: Inadequate	296	11.6	174	25.6	18	37.5	78	18.7	71	19.5	94	22.4	25	23.6
Maternal Utilization: Medicaid	851	32.3	193	29.9	15	29.4	257	59.1	170	45.6	265	55.4	40	37.4
Maternal Utilization: WIC	1,039	39.1	366	51.3	22	43.1	287	64.9	183	48.5	285	59.9	56	51.9
Maternal Utilization: FSP	713	27.0	146	22.2	3	6.8	177	40.3	124	33.7	167	36.1	5	9.8
Mother's Age: At Delivery	4	0.1	0	0.0	0	0.0	1	0.2	1	0.3	2	0.4	0	0.0
Under 15	41	1.5	10	1.4	0	0.0	23	5.2	11	2.8	12	2.5	2	1.9
15-17	147	5.4	41	5.7	4	7.8	38	8.5	32	8.3	46	9.5	8	7.4
18-19	620	22.9	248	34.3	16	31.4	161	36.2	105	27.2	156	32.2	34	31.5
20-24	891	33.0	230	31.9	16	31.4	109	24.5	142	36.8	138	28.5	32	29.6
25-29	721	26.7	150	20.8	9	17.6	83	18.7	65	16.8	89	18.4	18	16.7
30-34	228	8.4	32	4.4	5	9.8	23	5.2	25	6.5	32	6.6	11	10.2
35-39	50	1.9	11	1.5	1	2.0	7	1.6	5	1.3	9	1.9	3	2.8
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<u>Lincoln</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	707	100.0	133	100.0	179	100.0	162	100.0	151	100.0	95	100.0
Birth Weight: Under 2500 Grams	38	5.4	5	3.8	15	8.4	11	6.8	10	6.7	5	5.3
Birth Weight: Above 4499 Grams	8	1.1	8	6.0	1	0.6	2	1.2	2	1.3	1	1.1
Gest. Age: Less than 37 Weeks	72	10.2	8	6.0	21	11.7	17	10.5	17	11.3	11	11.6
APGAR (5 Min.): Less than 8	17	2.4	10	7.5	21	11.7	12	7.5	5	3.4	6	6.4
Infant Care: NICU Admission	34	4.8	7	5.3	14	7.8	8	4.9	6	4.0	5	5.3
Infant Care: Transfer	14	2.0	4	3.0	9	5.0	0	0.0	6	4.0	0	0.0
Place of Birth: At-Home Delivery	3	0.4	8	6.0	2	1.1	15	9.3	1	0.7	1	1.1
Method of Delivery: Cesarean	207	29.3	48	36.1	59	33.3	41	25.5	69	46.0	33	34.7
Infant Care: Breastfed	497	71.4	86	65.2	134	77.5	129	81.1	86	58.9	79	85.9
Mat. Smoking: During Preg.	165	23.5	32	24.1	42	23.5	41	25.3	45	30.0	18	18.9
...Quit Smoking During Preg.	30	4.2	6	4.5	7	3.9	9	5.6	7	4.7	3	3.2
Mat. Wt.: Underweight	26	3.7	2	1.6	12	6.8	5	3.1	9	6.0	4	4.3
Mat. Wt.: Obese	177	25.2	42	32.6	39	22.0	45	28.1	41	27.2	20	21.7
Mat. Sing. Wt. Gain: Low	67	9.5	13	10.8	17	11.3	18	13.4	20	15.4	8	11.6
Mat. Sing. Wt. Gain: High	150	21.2	33	27.5	35	23.3	38	28.4	31	23.8	15	21.7
Mother's Education: Under 12 Yrs.	102	14.4	23	17.3	25	14.0	31	19.1	26	17.3	15	15.8
Marital Status: Out-of-Wedlock	277	39.2	52	39.1	77	43.0	51	31.5	71	47.0	28	29.5
Live Birth Order: 4 or More	71	10.1	16	12.0	30	16.9	31	19.1	16	10.6	14	14.9
Birth Spacing: Less than 18 Mos.	60	8.5	3	2.3	15	8.4	14	8.7	16	10.6	8	8.4
Prenatal Care: 1st Trimester	521	73.7	99	75.0	135	77.1	120	77.4	91	61.9	64	70.3
Prenatal Care: 2nd Trimester	129	18.2	26	19.7	31	17.7	21	13.5	43	29.3	23	25.3
Prenatal Care: 3rd Trimester	30	4.2	6	4.5	9	5.1	13	8.4	11	7.5	2	2.2
Prenatal Care: None	6	0.8	1	0.8	0	0.0	1	0.6	2	1.4	2	2.2
Prenatal Care: Inadequate	109	15.4	24	18.8	32	18.8	24	19.7	34	23.1	13	14.6
Maternal Utilization: Medicaid	242	34.2	54	40.9	86	48.6	75	46.6	87	58.8	23	26.4
Maternal Utilization: WIC	252	35.6	73	55.3	101	57.7	68	43.0	103	68.7	39	41.1
Maternal Utilization: FSP	197	27.9	43	33.9	51	29.5	42	26.9	69	46.6	20	21.1
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Under 15	16	2.3	4	3.0	5	2.8	3	1.9	4	2.6	3	3.2
15-17	44	6.2	8	6.0	14	7.8	10	6.2	11	7.3	3	3.2
18-19	176	24.9	44	33.1	50	27.9	53	32.7	56	37.1	26	27.4
20-24	241	34.1	43	32.3	63	35.2	44	27.2	48	31.8	34	35.8
25-29	171	24.2	22	16.5	37	20.7	34	21.0	21	13.9	24	25.3
30-34	47	6.7	10	7.5	8	4.5	16	9.9	9	6.0	4	4.2
35-39	11	1.6	2	1.5	2	1.1	2	1.2	2	1.3	1	1.1
40 and over												

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	320	100.0	45	100.0	302	100.0	180	100.0	216	100.0	85	100.0	146	100.0
Birth Weight: Under 2500 Grams	32	10.0	3	6.7	19	6.3	19	10.6	18	8.4	6	7.1	6	4.1
Birth Weight: Above 4499 Grams	3	0.9	0	0.0	0	0.0	2	1.1	3	1.4	1	1.2	1	0.7
Gest. Age: Less than 37 Weeks	46	14.4	5	11.1	31	10.3	24	13.3	26	12.0	10	11.8	15	10.3
APGAR (5 Min.): Less than 8	8	2.5	4	9.1	6	2.0	25	13.9	11	5.1	4	4.8	3	2.1
Infant Care: NICU Admission	21	6.6	2	4.4	18	6.0	18	10.0	18	8.3	7	8.2	12	8.2
Infant Care: Transfer	4	1.3	2	4.4	7	2.3	5	2.8	5	2.3	4	4.7	2	1.4
Place of Birth: At-Home Delivery	6	1.9	3	6.7	2	0.7	0	0.0	6	2.8	4	4.7	2	1.4
Method of Delivery: Cesarean	88	27.5	12	26.7	102	33.8	75	42.6	71	32.9	26	30.6	43	29.5
Infant Care: Breastfed	215	77.1	34	79.1	195	67.5	49	31.2	166	78.3	69	83.1	101	70.1
Mat. Smoking: During Preg.	66	21.2	13	28.9	93	30.9	55	31.1	38	17.7	19	22.4	51	35.2
...Quit Smoking During Preg.	7	10.6	1	7.7	8	8.6	8	14.5	5	13.2	5	26.3	7	13.7
Mat. Wt.: Underweight	18	6.5	1	2.4	9	3.0	9	5.0	12	5.6	3	3.6	8	5.5
Mat. Wt.: Obese	60	21.7	12	28.6	75	24.9	54	30.2	75	35.0	20	23.8	41	28.3
Mat. Sing. Wt. Gain: Low	40	17.5	2	6.3	26	9.9	23	15.6	34	18.8	13	18.6	11	8.9
Mat. Sing. Wt. Gain: High	34	14.8	6	18.8	58	22.1	31	21.1	23	12.7	17	24.3	25	20.2
Mother's Education: Under 12 Yrs.	118	37.1	17	37.8	52	17.2	55	30.6	57	26.5	8	9.8	26	18.1
Marital Status: Out-of-Wedlock	134	41.9	12	26.7	136	45.0	111	61.7	63	29.2	33	38.8	61	41.8
Live Birth Order: 4 or More	57	17.9	8	17.8	37	12.3	23	13.2	37	17.1	14	16.5	12	8.2
Birth Spacing: Less than 18 Mos.	29	15.3	3	10.7	22	13.8	18	17.8	14	11.1	3	6.7	12	14.5
Prenatal Care: 1st Trimester	184	58.6	27	60.0	222	76.0	114	68.3	148	70.8	60	75.9	103	75.7
Prenatal Care: 2nd Trimester	104	33.1	11	24.4	58	19.9	36	21.6	53	25.4	14	17.7	29	21.3
Prenatal Care: 3rd Trimester	15	4.8	6	13.3	11	3.8	16	9.6	8	3.8	4	5.1	3	2.2
Prenatal Care: None	11	3.5	1	2.2	1	0.3	1	0.6	0	0.0	1	1.3	1	0.7
Prenatal Care: Inadequate	107	34.5	15	33.3	40	14.1	41	25.9	32	16.0	15	22.1	19	16.2
Maternal Utilization: Medicaid	207	73.1	16	37.2	171	56.6	127	75.1	57	26.5	34	40.5	81	55.5
Maternal Utilization: WIC	218	78.7	23	51.1	169	56.0	146	81.6	82	38.5	42	50.6	82	56.9
Maternal Utilization: FSP	106	41.2	11	28.9	115	38.7	101	57.4	44	20.8	22	27.8	57	40.4
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
15-17	9	2.8	1	2.2	8	2.6	11	6.1	6	2.8	0	0.0	7	4.8
18-19	39	12.2	4	8.9	22	7.3	19	10.6	17	7.9	4	4.7	19	13.0
20-24	108	33.8	18	40.0	101	33.4	67	37.2	57	26.4	29	34.1	49	33.6
25-29	94	29.4	12	26.7	96	31.8	54	30.0	60	27.8	25	29.4	42	28.8
30-34	45	14.1	5	11.1	55	18.2	23	12.8	47	21.8	18	21.2	20	13.7
35-39	20	6.3	3	6.7	17	5.6	5	2.8	24	11.1	7	8.2	9	6.2
40 and over	5	1.6	2	4.4	3	1.0	1	0.6	5	2.3	2	2.4	0	0.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	264	100.0	216	100.0	746	100.0	226	100.0	130	100.0	155	100.0	109	100.0
Birth Weight: Under 2500 Grams	24	9.1	20	9.3	47	6.3	7	3.1	13	10.0	11	7.1	9	8.3
Birth Weight: Above 4499 Grams	3	1.1	1	0.5	3	0.4	5	2.2	1	0.8	3	1.9	2	1.8
Gest. Age: Less than 37 Weeks	35	13.3	37	17.4	74	9.9	22	9.7	18	13.8	15	9.7	14	12.8
APGAR (5 Min.): Less than 8	5	1.9	18	8.4	29	3.9	9	4.0	18	13.8	4	2.6	6	5.6
Infant Care: NICU Admission	17	6.4	15	6.9	48	6.4	5	2.2	5	3.8	7	4.5	7	6.4
Infant Care: Transfer	7	2.7	8	3.7	3	0.4	1	0.4	6	4.6	1	0.6	1	0.9
Place of Birth: At-Home Delivery	10	3.8	1	0.5	8	1.1	4	1.8	5	3.8	0	0.0	4	3.7
Method of Delivery: Cesarean	58	22.0	87	41.0	210	28.2	76	33.6	45	34.9	58	37.4	37	33.9
Infant Care: Breastfed	195	76.2	74	38.5	576	78.4	179	79.6	64	53.3	115	75.2	46	67.6
Mat. Smoking: During Preg.	65	24.7	55	25.7	143	19.3	39	17.3	32	24.6	35	22.6	24	23.3
...Quit Smoking During Preg.	7	10.8	4	7.3	28	19.6	13	33.3	6	18.8	8	22.9	3	12.5
Mat. Wt.: Underweight	8	3.0	7	3.3	29	4.0	3	1.3	8	6.5	6	3.9	4	5.6
Mat. Wt.: Obese	61	23.1	71	33.2	204	28.0	58	25.9	43	34.7	54	34.8	20	27.8
Mat. Sing. Wt. Gain: Low	24	10.8	22	13.8	81	12.5	28	14.1	17	16.3	20	14.5	11	18.6
Mat. Sing. Wt. Gain: High	31	14.0	41	25.6	115	17.7	39	19.6	19	18.3	27	19.6	12	20.3
Mother's Education: Under 12 Yrs.	102	38.6	44	20.5	141	19.0	12	5.3	19	14.6	14	9.0	16	14.8
Marital Status: Out-of-Wedlock	91	34.5	111	51.4	270	36.2	60	26.5	43	33.1	43	27.7	39	35.8
Live Birth Order: 4 or More	54	20.5	34	16.0	97	13.0	23	10.2	21	16.3	10	6.5	13	12.0
Birth Spacing: Less than 18 Mos.	21	12.8	25	19.5	50	10.7	15	11.5	13	16.9	7	9.5	4	7.0
Prenatal Care: 1st Trimester	172	66.2	152	74.1	481	65.4	175	78.5	92	71.9	121	79.6	78	74.3
Prenatal Care: 2nd Trimester	75	28.8	45	22.0	223	30.3	37	16.6	31	24.2	29	19.1	18	17.1
Prenatal Care: 3rd Trimester	12	4.6	6	2.9	25	3.4	10	4.5	5	3.9	2	1.3	4	3.8
Prenatal Care: None	1	0.4	2	1.0	7	1.0	1	0.4	0	0.0	0	0.0	5	4.8
Prenatal Care: Inadequate	49	19.1	37	18.6	196	26.7	28	12.6	23	18.1	15	10.3	20	19.6
Maternal Utilization: Medicaid	129	49.2	141	68.8	410	55.3	89	39.6	92	74.2	43	27.9	48	66.7
Maternal Utilization: WIC	132	50.2	150	70.1	425	57.7	96	43.0	95	76.6	55	35.7	46	65.7
Maternal Utilization: FSP	84	32.8	106	51.2	248	34.9	44	20.1	60	49.2	30	19.4	38	54.3
Mother's Age: At Delivery	1	0.4	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	7	2.7	8	3.7	20	2.7	0	0.0	3	2.3	1	0.6	3	2.8
18-19	14	5.3	22	10.2	58	7.8	10	4.4	15	11.6	5	3.2	8	7.3
20-24	87	33.0	72	33.3	238	31.9	67	29.6	49	38.0	47	30.3	39	35.8
25-29	86	32.6	68	31.5	232	31.1	82	36.3	28	21.7	61	39.4	37	33.9
30-34	44	16.7	30	13.9	137	18.4	50	22.1	24	18.6	31	20.0	17	15.6
35-39	18	6.8	13	6.0	51	6.8	14	6.2	6	4.7	9	5.8	4	3.7
40 and over	7	2.7	2	0.9	10	1.3	3	1.3	4	3.1	1	0.6	1	0.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	282	100.0	223	100.0	585	100.0	533	100.0	236	100.0	1,136	100.0	337	100.0
Birth Weight: Under 2500 Grams	25	8.9	20	9.0	40	6.8	45	8.5	21	8.9	86	7.6	28	8.3
Birth Weight: Above 4499 Grams	2	0.7	5	2.3	6	1.0	10	1.9	1	0.4	13	1.1	9	2.7
Gest. Age: Less than 37 Weeks	41	15.0	38	17.0	68	11.6	61	11.5	26	11.0	115	10.1	43	12.8
APGAR (5 Min.): Less than 8	21	7.6	14	6.3	94	16.2	69	13.1	4	1.7	51	4.5	13	3.9
Infant Care: NICU Admission	10	3.5	18	8.1	35	6.0	31	5.8	9	3.8	106	9.3	21	6.2
Infant Care: Transfer	9	3.2	5	2.2	8	1.4	13	2.4	1	0.4	13	1.1	7	2.1
Place of Birth: At-Home Delivery	0	0.0	2	0.9	9	1.5	13	2.4	20	8.5	10	0.9	16	4.7
Method of Delivery: Cesarean	113	40.8	83	37.4	195	33.3	156	29.5	61	26.0	355	31.3	101	30.2
Infant Care: Breastfed	62	25.9	145	69.0	410	75.2	386	80.1	167	72.3	934	84.9	244	79.2
Mat. Smoking: During Preg.	68	25.1	43	19.4	130	22.5	102	19.3	53	22.5	130	11.5	79	23.4
...Quit Smoking During Preg.	7	10.3	10	23.3	24	18.5	18	17.6	7	13.2	29	22.3	18	22.8
Mat. Wt.: Underweight	9	3.6	10	4.5	28	5.0	28	5.4	8	3.4	37	3.3	21	6.3
Mat. Wt.: Obese	87	34.4	57	25.6	155	27.6	135	26.2	63	27.2	217	19.3	79	23.7
Mat. Sing. Wt. Gain: Low	38	18.9	22	12.2	69	14.3	49	15.1	31	15.6	92	9.3	28	9.8
Mat. Sing. Wt. Gain: High	31	15.4	30	16.6	83	17.2	84	25.8	35	17.6	228	22.9	73	25.4
Mother's Education: Under 12 Yrs.	84	29.9	30	13.5	129	22.2	74	13.9	63	26.7	72	6.3	59	17.5
Marital Status: Out-of-Wedlock	175	62.1	90	40.4	214	36.6	204	38.3	95	40.3	324	28.5	119	35.3
Live Birth Order: 4 or More	47	17.2	34	15.5	92	15.9	58	11.1	37	15.8	105	9.3	45	13.4
Birth Spacing: Less than 18 Mos.	27	18.1	12	9.2	47	13.1	29	15.9	21	14.9	65	10.4	21	11.7
Prenatal Care: 1st Trimester	174	66.2	179	84.0	397	69.8	403	79.3	144	64.0	813	74.6	245	77.8
Prenatal Care: 2nd Trimester	69	26.2	28	13.1	130	22.8	91	17.9	56	24.9	227	20.8	60	19.0
Prenatal Care: 3rd Trimester	17	6.5	5	2.3	35	6.2	13	2.6	25	11.1	40	3.7	10	3.2
Prenatal Care: None	3	1.1	1	0.5	7	1.2	1	0.2	0	0.0	10	0.9	0	0.0
Prenatal Care: Inadequate	59	23.0	24	11.9	129	23.5	74	15.7	86	38.4	171	16.0	41	13.9
Maternal Utilization: Medicaid	190	77.2	81	37.7	292	51.0	179	39.3	116	49.8	277	24.5	156	47.1
Maternal Utilization: WIC	188	73.7	104	47.3	367	64.8	310	58.8	127	54.7	311	27.8	181	54.7
Maternal Utilization: FSP	154	67.0	70	32.9	218	39.4	188	36.4	79	34.6	189	19.0	118	37.1
Mother's Age: At Delivery	2	0.7	0	0.0	1	0.2	1	0.2	0	0.0	0	0.0	0	0.0
15-17	12	4.3	4	1.8	10	1.7	14	2.6	5	2.1	10	0.9	11	3.3
18-19	41	14.5	13	5.8	39	6.7	46	8.6	13	5.5	46	4.1	22	6.5
20-24	97	34.4	68	30.5	196	33.5	165	31.0	88	37.3	204	18.0	120	35.6
25-29	68	24.1	70	31.4	191	32.6	169	31.7	64	27.1	346	30.5	96	28.5
30-34	46	16.3	48	21.5	96	16.4	104	19.5	47	19.9	346	30.5	63	18.7
35-39	10	3.5	17	7.6	44	7.5	30	5.6	18	7.6	150	13.2	19	5.6
40 and over	6	2.1	3	1.3	8	1.4	4	0.8	1	0.4	33	2.9	6	1.8

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	842	100.0	47	100.0	86	100.0	276	100.0	235	100.0	64	100.0	182	100.0
Birth Weight: Under 2500 Grams	60	7.1	5	10.6	9	10.5	22	8.0	18	7.7	9	14.1	19	10.4
Birth Weight: Above 4499 Grams	6	0.7	0	0.0	2	2.3	3	1.1	0	0.0	1	1.6	0	0.0
Gest. Age: Less than 37 Weeks	93	11.0	4	8.5	10	11.6	28	10.2	29	12.4	12	18.8	38	21.1
APGAR (5 Min.): Less than 8	115	13.7	4	8.5	6	7.0	16	5.8	9	3.8	2	3.3	10	5.6
Infant Care: NICU Admission	57	6.8	3	6.4	8	9.3	23	8.3	27	11.5	4	6.3	11	6.0
Infant Care: Transfer	30	3.6	2	4.3	3	3.5	6	2.2	4	1.7	1	1.6	5	2.7
Place of Birth: At-Home Delivery	5	0.6	5	10.6	1	1.2	8	2.9	0	0.0	1	1.6	3	1.6
Method of Delivery: Cesarean	255	30.6	15	31.9	31	36.0	98	35.5	62	26.4	19	30.2	44	25.3
Infant Care: Breastfed	627	82.0	35	74.5	64	77.1	184	70.5	154	68.1	38	65.5	67	40.4
Mat. Smoking: During Preg.	147	17.5	15	31.9	16	18.6	85	30.9	71	30.3	19	29.7	58	32.8
...Quit Smoking During Preg.	46	31.3	1	6.7	4	25.0	25	29.4	13	18.3	5	26.3	8	13.8
Mat. Wt.: Underweight	41	4.9	1	2.2	2	2.3	15	5.4	11	4.7	2	3.2	12	6.9
Mat. Wt.: Obese	180	21.5	14	30.4	27	31.4	79	28.6	61	26.3	16	25.4	51	29.1
Mat. Sing. Wt. Gain: Low	83	11.8	6	14.3	9	11.8	35	15.4	26	13.3	5	10.9	14	12.7
Mat. Sing. Wt. Gain: High	150	21.3	6	14.3	24	31.6	54	23.7	45	23.1	8	17.4	17	15.5
Mother's Education: Under 12 Yrs.	69	8.2	12	25.5	11	12.8	50	18.1	43	18.3	10	15.6	47	26.0
Marital Status: Out-of-Wedlock	166	19.7	12	25.5	32	37.2	127	46.0	115	48.9	29	45.3	76	41.8
Live Birth Order: 4 or More	94	11.2	5	10.6	9	10.5	36	13.0	26	11.1	11	17.2	16	8.8
Birth Spacing: Less than 18 Mos.	65	13.2	5	16.7	5	10.2	14	9.1	13	11.4	2	6.1	8	7.4
Prenatal Care: 1st Trimester	618	74.9	30	68.2	64	75.3	203	78.7	162	70.7	42	67.7	125	70.2
Prenatal Care: 2nd Trimester	167	20.2	12	27.3	16	18.8	41	15.9	51	22.3	16	25.8	36	20.2
Prenatal Care: 3rd Trimester	37	4.5	2	4.5	5	5.9	12	4.7	11	4.8	4	6.5	15	8.4
Prenatal Care: None	3	0.4	0	0.0	0	0.0	2	0.8	5	2.2	0	0.0	2	1.1
Prenatal Care: Inadequate	139	17.1	12	27.3	28	33.3	37	18.0	41	18.1	14	23.3	41	23.2
Maternal Utilization: Medicaid	154	18.8	23	48.9	33	38.8	168	60.9	91	39.1	30	48.4	133	74.7
Maternal Utilization: WIC	376	44.9	21	46.7	41	48.2	184	66.9	112	47.9	40	63.5	132	75.9
Maternal Utilization: FSP	133	16.0	10	29.4	24	30.8	129	48.1	72	31.4	27	44.3	96	57.5
Mother's Age: At Delivery	1	0.1	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0	0	0.0
15-17	13	1.5	1	2.1	1	1.2	11	4.0	11	4.7	2	3.1	11	6.0
18-19	36	4.3	4	8.5	5	5.8	24	8.7	20	8.5	7	10.9	14	7.7
20-24	255	30.3	17	36.2	21	24.4	97	35.1	87	37.0	19	29.7	78	42.9
25-29	313	37.2	14	29.8	31	36.0	80	29.0	61	26.0	14	21.9	41	22.5
30-34	161	19.1	10	21.3	14	16.3	46	16.7	42	17.9	18	28.1	25	13.7
35-39	54	6.4	1	2.1	11	12.8	15	5.4	11	4.7	1	1.6	13	7.1
40 and over	9	1.1	0	0.0	3	3.5	2	0.7	3	1.3	3	4.7	0	0.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	325	100.0	53	100.0	78	100.0	512	100.0	103	100.0	69	100.0	4,439	100.0
Birth Weight: Under 2500 Grams	30	9.2	4	7.5	0	0.0	49	9.6	7	6.8	5	7.2	257	5.8
Birth Weight: Above 4499 Grams	4	1.2	1	1.9	1	1.3	6	1.2	3	2.9	0	0.0	55	1.2
Gest. Age: Less than 37 Weeks	43	13.2	5	9.4	7	9.0	78	15.3	14	13.9	11	15.9	433	9.8
APGAR (5 Min.): Less than 8	31	9.5	4	7.7	1	1.3	55	10.8	10	10.0	10	14.5	116	2.6
Infant Care: NICU Admission	23	7.1	2	3.8	1	1.3	45	8.8	8	7.8	5	7.2	196	4.4
Infant Care: Transfer	5	1.5	3	5.7	0	0.0	8	1.6	5	4.9	0	0.0	62	1.4
Place of Birth: At-Home Delivery	1	0.3	8	15.1	28	35.9	2	0.4	6	5.8	3	4.3	35	0.8
Method of Delivery: Cesarean	127	39.1	16	30.2	17	22.1	187	37.0	22	21.6	20	29.0	1,558	35.2
Infant Care: Breastfed	235	74.8	39	79.6	63	84.0	225	48.8	70	73.7	52	77.6	3,460	80.3
Mat. Smoking: During Preg.	65	20.2	12	22.6	13	16.9	146	28.7	23	22.3	13	18.8	496	11.2
...Quit Smoking During Preg.	15	23.1	2	16.7	3	23.1	17	11.6	3	13.0	1	7.7	149	30.0
Mat. Wt.: Underweight	11	3.4	3	5.9	1	1.3	18	3.6	5	5.0	3	4.3	157	3.6
Mat. Wt.: Obese	92	28.7	17	33.3	20	25.6	137	27.1	22	22.0	22	31.9	875	19.9
Mat. Sing. Wt. Gain: Low	29	11.0	7	15.2	11	15.7	56	14.2	11	13.8	9	15.5	325	8.5
Mat. Sing. Wt. Gain: High	62	23.6	6	13.0	15	21.4	88	22.4	17	21.3	9	15.5	829	21.6
Mother's Education: Under 12 Yrs.	59	18.2	16	30.2	39	50.0	110	21.5	21	20.4	9	13.0	254	5.7
Marital Status: Out-of-Wedlock	143	44.0	21	39.6	12	15.4	259	50.6	47	45.6	20	29.0	1,136	25.6
Live Birth Order: 4 or More	49	15.1	8	15.1	20	25.6	63	12.5	13	12.6	7	10.1	411	9.3
Birth Spacing: Less than 18 Mos.	26	13.5	4	15.4	3	5.2	44	14.9	8	16.0	2	4.3	225	9.1
Prenatal Care: 1st Trimester	265	84.7	36	69.2	44	59.5	347	72.1	67	69.1	55	80.9	3,574	84.7
Prenatal Care: 2nd Trimester	40	12.8	9	17.3	28	37.8	108	22.5	27	27.8	10	14.7	497	11.8
Prenatal Care: 3rd Trimester	7	2.2	6	11.5	2	2.7	21	4.4	3	3.1	3	4.4	130	3.1
Prenatal Care: None	1	0.3	1	1.9	0	0.0	5	1.0	0	0.0	0	0.0	17	0.4
Prenatal Care: Inadequate	33	11.7	15	29.4	33	43.4	94	20.4	17	17.7	11	19.3	430	10.3
Maternal Utilization: Medicaid	163	50.5	27	50.9	24	30.8	297	62.9	63	63.0	31	44.9	802	18.5
Maternal Utilization: WIC	194	60.6	28	53.8	28	35.9	346	68.5	69	67.0	37	54.4	715	16.5
Maternal Utilization: FSP	117	37.6	18	35.3	15	21.4	243	49.1	47	47.0	13	21.7	599	13.9
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
15-17	7	2.2	0	0.0	0	0.0	26	5.1	5	4.9	1	1.4	36	0.8
18-19	28	8.6	7	13.2	0	0.0	41	8.0	15	14.6	2	2.9	120	2.7
20-24	105	32.3	23	43.4	25	32.1	171	33.4	34	33.0	15	21.7	643	14.5
25-29	92	28.3	12	22.6	28	35.9	166	32.4	24	23.3	26	37.7	1,437	32.4
30-34	66	20.3	9	17.0	15	19.2	70	13.7	13	12.6	18	26.1	1,503	33.9
35-39	23	7.1	1	1.9	7	9.0	27	5.3	9	8.7	7	10.1	581	13.1
40 and over	4	1.2	1	1.9	3	3.8	11	2.1	3	2.9	0	0.0	118	2.7

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<u>St. Clair</u>		<u>St. Francois</u>		<u>St. Louis City</u>		<u>St. Louis County</u>		<u>Ste. Genevieve</u>		<u>Stoddard</u>		<u>Stone</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	85	100.0	751	100.0	4,696	100.0	11,534	100.0	156	100.0	374	100.0	253	100.0
Birth Weight: Under 2500 Grams	5	5.9	65	8.7	547	11.7	978	8.6	4	2.6	31	8.4	16	6.3
Birth Weight: Above 4499 Grams	1	1.2	14	1.9	32	0.7	111	1.0	4	2.6	3	0.8	4	1.6
Gest. Age: Less than 37 Weeks	8	9.4	90	12.0	730	15.6	1,416	12.3	15	9.6	53	14.3	35	13.8
APGAR (5 Min.): Less than 8	8	9.4	31	4.1	294	6.3	493	4.3	4	2.6	19	5.2	20	7.9
Infant Care: NICU Admission	5	5.9	40	5.3	315	6.7	680	5.9	6	3.8	23	6.1	19	7.5
Infant Care: Transfer	0	0.0	23	3.1	122	2.6	176	1.5	4	2.6	15	4.0	1	0.4
Place of Birth: At-Home Delivery	4	4.7	4	0.5	35	0.7	87	0.8	1	0.6	2	0.5	2	0.8
Method of Delivery: Cesarean	28	32.9	308	41.0	1,430	30.5	4,023	35.0	59	37.8	122	33.5	66	26.6
Infant Care: Breastfed	45	54.2	399	54.3	2,931	63.8	8,347	75.1	108	70.1	199	59.4	173	76.5
Mat. Smoking: During Preg.	16	19.3	240	32.0	707	15.2	1,046	9.1	37	23.7	97	26.1	56	22.3
...Quit Smoking During Preg.	2	2.5	33	4.3	163	3.5	306	2.7	2	1.3	12	3.2	11	4.3
Mat. Wt.: Underweight	4	4.8	46	6.2	183	4.0	440	3.9	4	2.6	17	4.6	20	8.1
Mat. Wt.: Obese	23	27.4	226	30.3	1,177	25.7	2,545	22.4	40	25.8	89	24.1	61	24.8
Mat. Sing. Wt. Gain: Low	16	21.3	84	13.1	426	11.8	916	9.6	13	9.4	35	13.4	20	10.0
Mat. Sing. Wt. Gain: High	16	21.3	153	23.8	712	19.8	1,787	18.8	29	21.0	53	20.3	45	22.4
Mother's Education: Under 12 Yrs.	24	28.2	143	19.1	989	21.2	1,012	8.8	15	9.6	61	16.3	43	17.3
Marital Status: Out-of-Wedlock	38	44.7	345	45.9	2,809	59.8	4,451	38.6	57	36.5	135	36.1	109	43.1
Live Birth Order: 4 or More	7	8.4	80	10.7	694	14.9	1,243	10.9	27	17.3	40	10.9	26	10.3
Birth Spacing: Less than 18 Mos.	3	3.6	65	8.7	310	6.7	645	5.6	10	6.4	26	7.2	16	6.3
Prenatal Care: 1st Trimester	56	67.5	476	64.9	3,194	75.0	8,878	82.5	121	78.6	261	72.5	159	67.7
Prenatal Care: 2nd Trimester	20	24.1	206	28.1	800	18.8	1,504	14.0	30	19.5	80	22.2	68	28.9
Prenatal Care: 3rd Trimester	4	4.8	43	5.9	165	3.9	289	2.7	3	1.9	17	4.7	7	3.0
Prenatal Care: None	3	3.6	9	1.2	98	2.3	86	0.8	0	0.0	2	0.6	1	0.4
Prenatal Care: Inadequate	18	21.7	150	20.5	1,020	25.0	1,384	13.3	19	12.4	69	20.4	52	24.1
Maternal Utilization: Medicaid	49	59.8	399	53.8	2,905	62.8	3,876	34.7	63	40.9	210	59.3	165	67.9
Maternal Utilization: WIC	54	63.5	479	64.0	2,530	55.3	3,848	34.4	75	48.4	224	60.2	165	66.0
Maternal Utilization: FSP	36	45.6	355	49.0	2,290	51.1	3,126	28.4	38	24.8	159	43.1	96	40.0
Mother's Age: At Delivery	0	0.0	1	0.1	6	0.1	10	0.1	0	0.0	0	0.0	0	0.0
Under 15	4	4.7	24	3.2	122	2.6	172	1.5	2	1.3	9	2.4	5	2.0
15-17	6	7.1	74	9.9	348	7.4	476	4.1	10	6.4	26	7.0	26	10.3
18-19	25	29.4	264	35.2	1,271	27.1	2,251	19.5	46	29.5	129	34.5	76	30.0
20-24	29	34.1	228	30.4	1,215	25.9	3,344	29.0	48	30.8	110	29.4	82	32.4
25-29	16	18.8	113	15.1	1,185	25.2	3,452	29.9	33	21.2	71	19.0	40	15.8
30-34	5	5.9	41	5.5	439	9.4	1,477	12.8	14	9.0	24	6.4	20	7.9
35-39	0	0.0	5	0.7	109	2.3	351	3.0	3	1.9	5	1.3	4	1.6
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<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	87	100.0	620	100.0	280	100.0	263	100.0	415	100.0	286	100.0	152	100.0
Birth Weight: Under 2500 Grams	6	6.9	44	7.1	16	5.7	25	9.6	16	3.9	24	8.4	17	11.3
Birth Weight: Above 4499 Grams	0	0.0	6	1.0	2	0.7	2	0.8	10	2.4	0	0.0	1	0.7
Gest. Age: Less than 37 Weeks	15	17.2	66	10.7	33	11.9	36	14.3	38	9.2	29	10.2	26	17.4
APGAR (5 Min.): Less than 8	20	23.3	67	10.9	25	9.2	14	5.5	6	1.5	10	3.5	6	4.1
Infant Care: NICU Admission	4	4.6	41	6.6	11	3.9	15	5.7	21	5.1	15	5.2	11	7.2
Infant Care: Transfer	3	3.4	12	1.9	9	3.2	7	2.7	12	2.9	8	2.8	5	3.3
Place of Birth: At-Home Delivery	1	1.1	10	1.6	11	3.9	19	7.2	5	1.2	2	0.7	1	0.7
Method of Delivery: Cesarean	32	37.2	191	31.1	68	25.0	74	29.7	141	34.1	109	38.2	38	26.4
Infant Care: Breastfed	57	66.3	453	78.9	181	69.6	177	72.5	301	73.6	137	48.1	75	56.0
Mat. Smoking: During Preg.	22	25.9	166	26.8	79	28.5	72	27.4	104	25.3	91	32.0	55	36.7
...Quit Smoking During Preg.	5	22.7	44	26.5	13	16.5	11	15.3	19	18.3	14	15.4	9	16.4
Mat. Wt.: Underweight	5	5.7	34	5.6	19	6.9	10	3.9	14	3.4	19	6.7	8	5.3
Mat. Wt.: Obese	26	29.9	138	22.6	69	25.2	69	26.7	117	28.3	85	29.8	41	27.3
Mat. Sing. Wt. Gain: Low	13	18.3	53	11.1	32	14.1	32	15.6	46	12.7	35	14.2	18	18.6
Mat. Sing. Wt. Gain: High	17	23.9	103	21.6	47	20.7	43	21.0	53	14.6	46	18.7	14	14.4
Mother's Education: Under 12 Yrs.	25	28.7	127	20.5	64	22.9	50	19.2	64	15.4	71	24.8	29	19.2
Marital Status: Out-of-Wedlock	34	39.1	263	42.4	105	37.5	110	41.8	171	41.2	142	49.7	61	40.1
Live Birth Order: 4 or More	13	14.9	69	11.2	44	15.8	39	15.2	46	11.1	34	11.9	21	14.0
Birth Spacing: Less than 18 Mos.	5	10.2	35	11.6	29	17.9	18	12.5	34	13.5	19	12.1	14	15.4
Prenatal Care: 1st Trimester	62	72.1	380	66.9	205	75.9	170	70.5	292	73.9	186	66.9	109	74.1
Prenatal Care: 2nd Trimester	20	23.3	147	25.9	52	19.3	53	22.0	84	21.3	78	28.1	30	20.4
Prenatal Care: 3rd Trimester	4	4.7	36	6.3	10	3.7	14	5.8	15	3.8	13	4.7	6	4.1
Prenatal Care: None	0	0.0	5	0.9	3	1.1	4	1.7	4	1.0	1	0.4	2	1.4
Prenatal Care: Inadequate	13	15.3	117	21.9	40	17.1	52	23.9	73	18.7	66	23.7	29	20.3
Maternal Utilization: Medicaid	51	59.3	422	70.7	163	60.8	140	54.9	169	41.3	170	60.7	105	70.0
Maternal Utilization: WIC	61	71.8	432	71.5	167	61.9	155	59.8	161	39.0	218	77.6	121	80.7
Maternal Utilization: FSP	25	32.1	252	43.3	107	40.8	106	47.1	128	32.0	143	51.3	73	49.3
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	6	6.9	19	3.1	5	1.8	6	2.3	5	1.2	14	4.9	4	2.6
18-19	6	6.9	60	9.7	21	7.5	30	11.4	16	3.9	23	8.0	12	7.9
20-24	36	41.4	197	31.8	107	38.2	88	33.5	115	27.7	124	43.4	54	35.5
25-29	21	24.1	156	25.2	74	26.4	73	27.8	140	33.7	79	27.6	46	30.3
30-34	10	11.5	136	21.9	40	14.3	47	17.9	101	24.3	28	9.8	20	13.2
35-39	6	6.9	46	7.4	24	8.6	17	6.5	31	7.5	12	4.2	13	8.6
40 and over	1	1.1	5	0.8	9	3.2	2	0.8	7	1.7	6	2.1	3	2.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2012

	<u>Webster</u>		<u>Worth</u>		<u>Wright</u>	
	Number	Percent	Number	Percent	Number	Percent
Live Births	527	100.0	30	100.0	228	100.0
Birth Weight: Under 2500 Grams	33	6.3	3	10.0	18	7.9
Birth Weight: Above 4499 Grams	11	2.1	0	0.0	3	1.3
Gest. Age: Less than 37 Weeks	52	10.0	4	13.3	26	11.5
APGAR (5 Min.): Less than 8	58	13.1	3	10.0	19	8.5
Infant Care: NICU Admission	42	8.0	1	3.3	20	8.8
Infant Care: Transfer	2	0.4	2	6.7	6	2.6
Place of Birth: At-Home Delivery	127	24.1	0	0.0	8	3.5
Method of Delivery: Cesarean	110	21.6	10	33.3	76	33.8
Infant Care: Breastfed	428	90.7	24	80.0	153	76.5
Mat. Smoking: During Preg.	77	14.7	9	30.0	71	31.4
...Quit Smoking During Preg.	9	11.7	1	11.1	7	9.9
Mat. Wt.: Underweight	11	2.1	2	6.7	14	6.2
Mat. Wt.: Obese	140	27.2	9	30.0	55	24.4
Mat. Sing. Wt. Gain: Low	46	10.2	1	3.8	31	16.2
Mat. Sing. Wt. Gain: High	96	21.3	5	19.2	38	19.9
Mother's Education: Under 12 Yrs.	181	34.3	3	10.0	55	24.2
Marital Status: Out-of-Wedlock	134	25.4	8	26.7	89	39.0
Live Birth Order: 4 or More	138	26.5	6	20.0	30	13.3
Birth Spacing: Less than 18 Mos.	81	24.8	2	8.7	10	7.6
Prenatal Care: 1st Trimester	276	58.2	20	66.7	148	70.1
Prenatal Care: 2nd Trimester	137	28.9	9	30.0	56	26.5
Prenatal Care: 3rd Trimester	55	11.6	1	3.3	3	1.4
Prenatal Care: None	6	1.3	0	0.0	4	1.9
Prenatal Care: Inadequate	172	39.1	9	30.0	31	16.6
Maternal Utilization: Medicaid	196	38.0	12	40.0	142	64.5
Maternal Utilization: WIC	202	39.5	12	40.0	161	70.9
Maternal Utilization: FSP	124	24.7	8	28.6	113	51.1
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0
Under 15	8	1.5	0	0.0	9	3.9
15-17	37	7.0	1	3.3	26	11.4
18-19	145	27.5	10	33.3	75	32.9
20-24	169	32.1	9	30.0	63	27.6
25-29	115	21.8	7	23.3	41	18.0
30-34	44	8.3	2	6.7	12	5.3
35-39	9	1.7	1	3.3	2	0.9
40 and over						

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2012

	<u>Ballwin</u>		<u>Blue Springs</u>		<u>Cape Girardeau</u>		<u>Chesterfield</u>		<u>Columbia</u>		<u>Florissant</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	300	100.0	692	100.0	478	100.0	376	100.0	1,424	100.0	668	100.0
Birth Weight: Under 2500 Grams	11	3.7	44	6.4	47	9.9	30	8.1	110	7.7	48	7.2
Birth Weight: Above 4499 Grams	4	1.4	10	1.4	5	1.0	2	0.5	22	1.5	8	1.2
Gest. Age: Less than 37 Weeks	31	10.3	64	9.2	67	14.0	55	14.6	161	11.3	78	11.7
APGAR (5 Min.): Less than 8	12	4.0	27	3.9	26	5.5	16	4.3	90	6.3	25	3.8
Infant Care: NICU Admission	9	3.0	60	8.7	34	7.1	21	5.6	136	9.6	32	4.8
Infant Care: Transfer	3	1.0	4	0.6	3	0.6	7	1.9	5	0.4	6	0.9
Place of Birth: At-Home Delivery	5	1.7	4	0.6	2	0.4	3	0.8	26	1.8	8	1.2
Method of Delivery: Cesarean	100	33.3	217	31.5	145	31.0	140	37.3	513	36.0	225	33.8
Infant Care: Breastfed	243	85.3	554	82.0	261	64.3	318	87.6	1,147	84.0	441	69.3
Mat. Smoking: During Preg.	25	8.4	100	14.6	108	22.7	7	1.9	174	12.4	69	10.4
...Quit Smoking During Preg.	9	36.0	24	24.0	21	19.4	4	57.1	43	24.7	19	27.5
Mat. Wt.: Underweight	10	3.4	28	4.1	20	4.3	13	3.5	56	4.0	21	3.2
Mat. Wt.: Obese	39	13.3	154	22.5	97	20.7	38	10.3	291	20.6	174	26.4
Mat. Sing. Wt. Gain: Low	14	5.5	55	9.3	38	10.5	18	5.9	107	9.4	65	11.5
Mat. Sing. Wt. Gain: High	43	16.9	124	21.1	91	25.2	43	14.2	274	24.0	113	20.0
Mother's Education: Under 12 Yrs.	12	4.0	53	7.7	83	17.4	8	2.1	126	8.9	55	8.2
Marital Status: Out-of-Wedlock	43	14.3	238	34.4	241	50.4	41	10.9	473	33.2	297	44.5
Live Birth Order: 4 or More	23	7.8	76	11.0	53	11.3	35	9.5	111	7.8	84	12.7
Birth Spacing: Less than 18 Mos.	14	8.3	28	7.0	36	13.5	18	8.8	88	11.8	49	14.6
Prenatal Care: 1st Trimester	257	89.9	516	77.2	300	69.0	313	88.9	1,127	84.6	513	81.3
Prenatal Care: 2nd Trimester	22	7.7	122	18.3	110	25.3	32	9.1	167	12.5	101	16.0
Prenatal Care: 3rd Trimester	6	2.1	27	4.0	19	4.4	6	1.7	33	2.5	14	2.2
Prenatal Care: None	1	0.3	3	0.4	6	1.4	1	0.3	5	0.4	3	0.5
Prenatal Care: Inadequate	20	7.1	100	15.4	92	22.7	23	6.7	127	13.2	82	13.5
Maternal Utilization: Medicaid	39	13.4	225	33.6	243	56.6	23	6.2	430	30.4	214	33.8
Maternal Utilization: WIC	32	11.1	239	35.4	239	51.1	30	8.4	480	34.4	257	39.5
Maternal Utilization: FSP	26	9.0	142	22.4	200	43.1	18	5.1	328	24.1	188	29.7
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	2	0.3
15-17	2	0.7	11	1.6	6	1.3	0	0.0	27	1.9	11	1.6
18-19	2	0.7	30	4.3	42	8.8	3	0.8	55	3.9	33	4.9
20-24	39	13.0	137	19.8	156	32.6	24	6.4	264	18.5	184	27.5
25-29	91	30.3	247	35.7	137	28.7	89	23.7	456	32.0	184	27.5
30-34	105	35.0	189	27.3	91	19.0	138	36.7	432	30.3	182	27.2
35-39	51	17.0	65	9.4	35	7.3	96	25.5	156	11.0	57	8.5
40 and over	10	3.3	13	1.9	10	2.1	26	6.9	34	2.4	15	2.2

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2012

	<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	333	100.0	327	100.0	1,578	100.0	538	100.0	714	100.0	651	100.0
Birth Weight: Under 2500 Grams	30	9.0	33	10.2	128	8.1	47	8.7	46	6.4	42	6.5
Birth Weight: Above 4499 Grams	3	0.9	3	0.9	17	1.1	3	0.6	4	0.6	4	0.6
Gest. Age: Less than 37 Weeks	42	12.6	49	15.0	169	10.7	61	11.3	76	10.6	69	10.6
APGAR (5 Min.): Less than 8	21	6.3	17	5.2	81	5.1	26	4.8	22	3.1	22	3.4
Infant Care: NICU Admission	25	7.5	19	5.8	157	9.9	38	7.1	66	9.2	60	9.2
Infant Care: Transfer	3	0.9	1	0.3	14	0.9	8	1.5	7	1.0	6	0.9
Place of Birth: At-Home Delivery	2	0.6	2	0.6	12	0.8	2	0.4	11	1.5	7	1.1
Method of Delivery: Cesarean	96	28.8	136	41.6	467	29.6	168	31.2	231	32.4	214	32.9
Infant Care: Breastfed	259	79.9	222	70.9	1,128	73.2	403	77.2	535	75.6	479	74.3
Mat. Smoking: During Preg.	69	20.9	35	10.9	374	23.9	104	19.4	155	21.8	145	22.4
...Quit Smoking During Preg.	15	21.7	5	14.3	76	20.3	23	22.1	32	20.6	29	20.0
Mat. Wt.: Underweight	19	5.9	13	4.0	73	4.7	18	3.4	34	4.8	32	5.0
Mat. Wt.: Obese	75	23.1	82	25.3	422	27.4	146	27.2	203	28.8	186	28.9
Mat. Sing. Wt. Gain: Low	20	7.2	34	13.1	179	13.6	60	12.9	82	13.3	76	13.5
Mat. Sing. Wt. Gain: High	74	26.6	43	16.5	277	21.1	94	20.2	119	19.3	113	20.0
Mother's Education: Under 12 Yrs.	32	9.6	26	8.0	324	20.6	68	12.6	128	18.0	120	18.5
Marital Status: Out-of-Wedlock	152	45.6	154	47.1	815	51.6	237	44.1	319	44.7	292	44.9
Live Birth Order: 4 or More	26	7.8	46	14.3	191	12.1	56	10.4	71	9.9	61	9.4
Birth Spacing: Less than 18 Mos.	23	13.1	18	10.6	113	12.9	36	12.0	59	15.4	52	15.2
Prenatal Care: 1st Trimester	215	66.8	245	79.3	991	66.0	354	68.2	447	64.0	409	64.3
Prenatal Care: 2nd Trimester	83	25.8	54	17.5	403	26.8	139	26.8	204	29.2	184	28.9
Prenatal Care: 3rd Trimester	19	5.9	9	2.9	78	5.2	21	4.0	36	5.2	33	5.2
Prenatal Care: None	5	1.6	1	0.3	29	1.9	5	1.0	11	1.6	10	1.6
Prenatal Care: Inadequate	73	23.0	40	13.2	342	23.2	94	18.8	179	25.8	161	25.4
Maternal Utilization: Medicaid	117	35.2	118	38.4	841	54.2	212	39.5	407	57.2	375	57.8
Maternal Utilization: WIC	123	37.3	123	38.9	889	57.2	241	45.0	378	53.7	351	54.7
Maternal Utilization: FSP	76	25.0	88	29.3	611	41.5	165	31.3	282	41.0	260	41.7
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.1	0	0.0	1	0.1	1	0.2
Under 15	3	0.9	7	2.1	54	3.4	6	1.1	17	2.4	16	2.5
15-17	22	6.6	22	6.7	139	8.8	36	6.7	56	7.8	54	8.3
18-19	87	26.1	74	22.6	527	33.4	148	27.5	250	35.0	234	35.9
20-24	97	29.1	105	32.1	452	28.7	169	31.4	206	28.9	188	28.9
25-29	82	24.6	76	23.2	295	18.7	125	23.2	127	17.8	115	17.7
30-34	37	11.1	31	9.5	86	5.5	49	9.1	42	5.9	32	4.9
35-39	5	1.5	12	3.7	23	1.5	5	0.9	15	2.1	11	1.7
40 and over												

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2012

	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	63	100.0	7,212	100.0	4,750	100.0	1,846	100.0	615	100.0	1	100.0
Birth Weight: Under 2500 Grams	4	6.3	589	8.2	422	8.9	120	6.5	47	7.6	0	0.0
Birth Weight: Above 4499 Grams	0	0.0	85	1.2	50	1.1	28	1.5	7	1.1	0	0.0
Gest. Age: Less than 37 Weeks	7	11.1	889	12.3	623	13.1	196	10.6	70	11.4	0	0.0
APGAR (5 Min.): Less than 8	0	0.0	450	6.2	318	6.7	103	5.6	29	4.7	0	0.0
Infant Care: NICU Admission	6	9.5	760	10.5	549	11.6	155	8.4	56	9.1	0	0.0
Infant Care: Transfer	1	1.6	78	1.1	51	1.1	18	1.0	9	1.5	0	0.0
Place of Birth: At-Home Delivery	4	6.3	71	1.0	57	1.2	10	0.5	4	0.7	0	0.0
Method of Delivery: Cesarean	17	27.0	2,047	28.4	1,324	27.9	537	29.1	186	30.3	0	0.0
Infant Care: Breastfed	56	88.9	5,314	77.0	3,328	73.7	1,486	83.2	499	84.0	1	100.0
Mat. Smoking: During Preg.	10	16.1	958	13.4	701	14.9	198	10.7	59	9.6	0	0.0
...Quit Smoking During Preg.	3	30.0	212	22.1	151	21.5	49	24.7	12	20.3	0	0.0
Mat. Wt.: Underweight	2	3.2	290	4.2	198	4.4	73	4.0	19	3.1	0	0.0
Mat. Wt.: Obese	17	27.4	1,719	24.7	1,238	27.3	356	19.5	125	20.6	0	0.0
Mat. Sing. Wt. Gain: Low	6	11.3	722	12.0	527	13.5	141	8.9	54	10.2	0	0.0
Mat. Sing. Wt. Gain: High	6	11.3	1,201	19.9	753	19.2	339	21.5	109	20.5	0	0.0
Mother's Education: Under 12 Yrs.	8	12.7	1,357	18.9	1,152	24.3	160	8.7	45	7.3	0	0.0
Marital Status: Out-of-Wedlock	27	42.9	3,558	49.3	2,871	60.4	515	27.9	172	28.0	0	0.0
Live Birth Order: 4 or More	10	15.9	1,023	14.2	773	16.3	197	10.7	53	8.6	0	0.0
Birth Spacing: Less than 18 Mos.	7	17.1	510	12.7	375	14.0	106	10.3	29	8.8	0	0.0
Prenatal Care: 1st Trimester	38	61.3	4,498	65.9	2,673	60.2	1,385	77.0	440	74.5	0	0.0
Prenatal Care: 2nd Trimester	20	32.3	1,774	26.0	1,319	29.7	329	18.3	126	21.3	0	0.0
Prenatal Care: 3rd Trimester	3	4.8	425	6.2	338	7.6	68	3.8	19	3.2	0	0.0
Prenatal Care: None	1	1.6	131	1.9	109	2.5	16	0.9	6	1.0	0	0.0
Prenatal Care: Inadequate	18	29.0	1,710	25.5	1,353	30.9	262	14.9	95	16.4	0	0.0
Maternal Utilization: Medicaid	32	50.8	3,302	46.1	2,701	57.4	442	24.1	158	25.7	1	100.0
Maternal Utilization: WIC	27	43.5	3,545	50.1	2,874	61.8	500	27.5	170	28.1	1	100.0
Maternal Utilization: FSP	22	34.9	2,471	41.0	2,042	53.5	323	19.3	106	19.5	0	0.0
Mother's Age: At Delivery	0	0.0	6	0.1	6	0.1	0	0.0	0	0.0	0	0.0
15-17	1	1.6	179	2.5	146	3.1	26	1.4	7	1.1	0	0.0
18-19	2	3.2	429	5.9	358	7.5	45	2.4	26	4.2	0	0.0
20-24	16	25.4	1,760	24.4	1,345	28.3	313	17.0	102	16.6	0	0.0
25-29	18	28.6	2,219	30.8	1,346	28.3	672	36.4	201	32.7	0	0.0
30-34	12	19.0	1,747	24.2	1,038	21.9	524	28.4	184	29.9	1	100.0
35-39	10	15.9	702	9.7	405	8.5	222	12.0	75	12.2	0	0.0
40 and over	4	6.3	170	2.4	106	2.2	44	2.4	20	3.3	0	0.0

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2012

	<u>Kirkwood</u>		<u>Lee's Summit</u>		<u>Liberty</u>		<u>Maryland Heights</u>		<u>O'Fallon</u>		<u>Raytown</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	312	100.0	1,124	100.0	359	100.0	376	100.0	1,079	100.0	333	100.0
Birth Weight: Under 2500 Grams	15	4.9	78	6.9	14	3.9	20	5.4	61	5.7	33	9.9
Birth Weight: Above 4499 Grams	3	1.0	11	1.0	3	0.8	6	1.6	15	1.4	5	1.5
Gest. Age: Less than 37 Weeks	33	10.6	122	10.9	28	7.9	40	10.6	112	10.4	46	13.9
APGAR (5 Min.): Less than 8	8	2.6	46	4.1	16	4.5	8	2.2	22	2.1	20	6.0
Infant Care: NICU Admission	10	3.2	88	7.8	27	7.5	26	6.9	38	3.5	36	10.8
Infant Care: Transfer	1	0.3	11	1.0	2	0.6	5	1.3	15	1.4	2	0.6
Place of Birth: At-Home Delivery	5	1.6	5	0.4	1	0.3	2	0.5	3	0.3	3	0.9
Method of Delivery: Cesarean	109	35.3	328	29.2	81	22.7	149	39.7	394	36.5	99	29.7
Infant Care: Breastfed	265	88.3	966	88.4	294	83.1	281	78.9	843	80.6	248	76.8
Mat. Smoking: During Preg.	17	5.5	108	9.7	57	15.9	27	7.3	94	8.7	50	15.1
...Quit Smoking During Preg.	7	41.2	32	29.6	14	24.6	7	25.9	32	34.0	16	32.0
Mat. Wt.: Underweight	11	3.5	35	3.1	8	2.2	11	3.0	39	3.6	10	3.1
Mat. Wt.: Obese	43	13.8	210	18.8	81	22.8	93	25.0	225	21.0	91	27.9
Mat. Sing. Wt. Gain: Low	13	4.9	73	7.8	34	10.7	36	11.6	73	7.9	35	13.0
Mat. Sing. Wt. Gain: High	67	25.4	187	20.0	56	17.7	58	18.6	192	20.8	51	19.0
Mother's Education: Under 12 Yrs.	10	3.2	57	5.1	30	8.4	18	4.8	48	4.5	41	12.3
Marital Status: Out-of-Wedlock	50	16.0	289	25.7	119	33.1	112	29.8	222	20.6	156	46.8
Live Birth Order: 4 or More	23	7.7	89	7.9	32	8.9	29	7.8	108	10.1	43	12.9
Birth Spacing: Less than 18 Mos.	17	10.7	54	9.1	31	15.7	22	12.6	50	8.0	27	14.7
Prenatal Care: 1st Trimester	271	92.2	867	80.8	258	74.4	310	89.1	897	86.6	229	73.2
Prenatal Care: 2nd Trimester	21	7.1	167	15.6	70	20.2	30	8.6	108	10.4	71	22.7
Prenatal Care: 3rd Trimester	1	0.3	30	2.8	15	4.3	6	1.7	28	2.7	8	2.6
Prenatal Care: None	1	0.3	9	0.8	4	1.2	2	0.6	3	0.3	5	1.6
Prenatal Care: Inadequate	13	4.5	119	11.9	55	16.3	20	5.9	88	8.6	55	18.2
Maternal Utilization: Medicaid	34	11.4	237	22.0	100	27.9	80	22.1	149	14.1	121	37.7
Maternal Utilization: WIC	37	12.1	255	23.0	102	28.7	83	23.4	133	12.6	138	41.9
Maternal Utilization: FSP	27	8.9	142	15.7	66	19.9	63	17.5	114	10.9	85	30.5
Mother's Age: At Delivery	0	0.0	2	0.2	0	0.0	0	0.0	0	0.0	0	0.0
15-17	2	0.6	7	0.6	3	0.8	1	0.3	11	1.0	6	1.8
18-19	3	1.0	30	2.7	23	6.4	8	2.1	26	2.4	22	6.6
20-24	28	9.0	170	15.1	68	18.9	64	17.0	135	12.5	81	24.3
25-29	69	22.1	360	32.0	130	36.2	127	33.8	343	31.8	101	30.3
30-34	141	45.2	369	32.8	93	25.9	119	31.6	374	34.7	86	25.8
35-39	51	16.3	163	14.5	37	10.3	46	12.2	152	14.1	30	9.0
40 and over	18	5.8	23	2.0	5	1.4	11	2.9	38	3.5	7	2.1

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2012

	<u>St. Charles</u>		<u>St. Joseph</u>		<u>St. Louis City</u>		<u>St. Peters</u>		<u>Springfield</u>		<u>University City</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	798	100.0	1,081	100.0	4,696	100.0	659	100.0	2,170	100.0	481	100.0
Birth Weight: Under 2500 Grams	45	5.7	86	8.0	547	11.7	33	5.1	163	7.5	41	8.6
Birth Weight: Above 4499 Grams	5	0.6	19	1.8	32	0.7	11	1.7	39	1.8	5	1.0
Gest. Age: Less than 37 Weeks	64	8.0	136	12.6	730	15.6	50	7.6	241	11.1	53	11.0
APGAR (5 Min.): Less than 8	20	2.5	31	2.9	294	6.3	15	2.3	138	6.4	35	7.3
Infant Care: NICU Admission	29	3.6	55	5.1	315	6.7	27	4.1	167	7.7	24	5.0
Infant Care: Transfer	9	1.1	25	2.3	122	2.6	7	1.1	8	0.4	5	1.0
Place of Birth: At-Home Delivery	6	0.8	6	0.6	35	0.7	9	1.4	44	2.0	5	1.0
Method of Delivery: Cesarean	288	36.1	326	30.2	1,430	30.5	249	37.8	584	27.8	152	31.9
Infant Care: Breastfed	627	81.6	606	58.3	2,931	63.8	530	82.0	1,620	85.4	410	87.8
Mat. Smoking: During Preg.	108	13.6	323	30.1	707	15.2	61	9.3	486	22.5	15	3.2
...Quit Smoking During Preg.	33	30.6	59	18.3	163	23.1	20	32.8	85	17.5	5	33.3
Mat. Wt.: Underweight	34	4.3	47	4.4	183	4.0	22	3.4	126	5.9	24	5.1
Mat. Wt.: Obese	153	19.5	262	24.6	1,177	25.7	143	21.9	540	25.3	86	18.2
Mat. Sing. Wt. Gain: Low	54	7.7	117	12.8	426	11.8	47	8.0	222	12.0	27	6.8
Mat. Sing. Wt. Gain: High	161	23.1	205	22.4	712	19.8	134	22.9	460	24.9	70	17.7
Mother's Education: Under 12 Yrs.	68	8.6	233	21.6	989	21.2	28	4.3	390	18.0	27	5.6
Marital Status: Out-of-Wedlock	276	34.6	608	56.2	2,809	59.8	152	23.1	914	42.1	150	31.2
Live Birth Order: 4 or More	59	7.4	139	12.9	694	14.9	45	6.9	231	10.9	36	7.6
Birth Spacing: Less than 18 Mos.	46	11.4	92	14.1	310	13.9	25	7.6	133	12.7	18	8.3
Prenatal Care: 1st Trimester	598	80.4	830	77.7	3,194	75.0	553	88.1	1,278	70.1	364	83.9
Prenatal Care: 2nd Trimester	110	14.8	183	17.1	800	18.8	60	9.6	444	24.4	60	13.8
Prenatal Care: 3rd Trimester	32	4.3	51	4.8	165	3.9	13	2.1	70	3.8	8	1.8
Prenatal Care: None	4	0.5	4	0.4	98	2.3	2	0.3	31	1.7	2	0.5
Prenatal Care: Inadequate	97	13.3	159	15.0	1,020	25.0	41	6.6	365	22.5	51	12.3
Maternal Utilization: Medicaid	216	28.0	661	61.6	2,905	62.8	101	15.6	1,218	57.5	134	28.6
Maternal Utilization: WIC	199	25.7	634	59.1	2,530	55.3	91	14.1	1,280	60.4	120	25.6
Maternal Utilization: FSP	152	19.8	449	43.3	2,290	51.1	73	11.4	906	43.8	113	24.4
Mother's Age: At Delivery	0	0.0	2	0.2	6	0.1	0	0.0	0	0.0	0	0.0
15-17	4	0.5	41	3.8	122	2.6	6	0.9	53	2.4	9	1.9
18-19	25	3.1	95	8.8	348	7.4	11	1.7	147	6.8	8	1.7
20-24	144	18.0	350	32.4	1,271	27.1	102	15.5	695	32.0	62	12.9
25-29	255	32.0	327	30.2	1,215	25.9	234	35.5	673	31.0	136	28.3
30-34	273	34.2	193	17.9	1,185	25.2	225	34.1	429	19.8	177	36.8
35-39	81	10.2	60	5.6	439	9.4	69	10.5	142	6.5	71	14.8
40 and over	16	2.0	13	1.2	109	2.3	12	1.8	31	1.4	18	3.7

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2012

	<u>Wentzville</u>		<u>Wildwood</u>	
	Number	Percent	Number	Percent
Live Births	509	100.0	226	100.0
Birth Weight: Under 2500 Grams	36	7.1	18	8.1
Birth Weight: Above 4499 Grams	4	0.8	4	1.8
Gest. Age: Less than 37 Weeks	58	11.4	24	10.6
APGAR (5 Min.): Less than 8	17	3.3	4	1.8
Infant Care: NICU Admission	27	5.3	9	4.0
Infant Care: Transfer	9	1.8	1	0.4
Place of Birth: At-Home Delivery	4	0.8	4	1.8
Method of Delivery: Cesarean	177	34.8	91	40.3
Infant Care: Breastfed	385	77.0	181	85.0
Mat. Smoking: During Preg.	66	13.1	6	2.7
...Quit Smoking During Preg.	19	28.8	2	33.3
Mat. Wt.: Underweight	13	2.6	8	3.5
Mat. Wt.: Obese	107	21.1	26	11.5
Mat. Sing. Wt. Gain: Low	40	9.3	11	5.8
Mat. Sing. Wt. Gain: High	86	19.9	34	17.9
Mother's Education: Under 12 Yrs.	26	5.1	4	1.8
Marital Status: Out-of-Wedlock	113	22.2	25	11.1
Live Birth Order: 4 or More	59	11.6	21	9.6
Birth Spacing: Less than 18 Mos.	31	9.7	9	6.5
Prenatal Care: 1st Trimester	413	86.0	201	91.8
Prenatal Care: 2nd Trimester	53	11.0	16	7.3
Prenatal Care: 3rd Trimester	14	2.9	1	0.5
Prenatal Care: None	0	0.0	1	0.5
Prenatal Care: Inadequate	45	9.5	14	6.5
Maternal Utilization: Medicaid	84	16.8	16	7.2
Maternal Utilization: WIC	78	15.6	23	10.4
Maternal Utilization: FSP	75	15.1	17	7.7
Mother's Age: At Delivery	1	0.2	0	0.0
	3	0.6	1	0.4
	17	3.3	0	0.0
	54	10.6	14	6.2
	176	34.6	54	23.9
	181	35.6	106	46.9
	62	12.2	39	17.3
	15	2.9	12	5.3

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Ages by Selected Counties by County of Residence: Missouri, 2012

	<u>Total Pregnancies</u>			<u>Abortions</u>		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
State Total	7,642	2,093	5,549	1,224	397	827
Adair	21	3	18	3	1	2
Andrew	15	3	12	0	0	0
Atchison	8	3	5	0	0	0
Audrain	40	14	26	2	0	2
Barry	66	19	47	2	0	2
Barton	15	2	13	1	0	1
Bates	27	11	16	2	2	0
Benton	19	4	15	1	1	0
Bollinger	19	6	13	1	0	1
Boone	155	39	116	35	6	29
Buchanan	171	51	120	19	7	12
Butler	100	22	78	5	0	5
Caldwell	10	2	8	1	0	1
Callaway	48	12	36	4	2	2
Camden	42	7	35	3	2	1
Cape Girardeau	89	15	74	8	2	6
Carroll	6	1	5	0	0	0
Carter	4	0	4	0	0	0
Cass	110	25	85	20	8	12
Cedar	26	6	20	0	0	0
Chariton	10	2	8	1	0	1
Christian	75	23	52	8	4	4
Clark	4	1	3	0	0	0
Clay	221	66	155	50	23	27
Clinton	27	5	22	6	1	5
Cole	79	17	62	14	5	9
Cooper	12	6	6	3	2	1
Crawford	34	11	23	4	1	3
Dade	6	1	5	1	0	1
Dallas	20	6	14	1	0	1

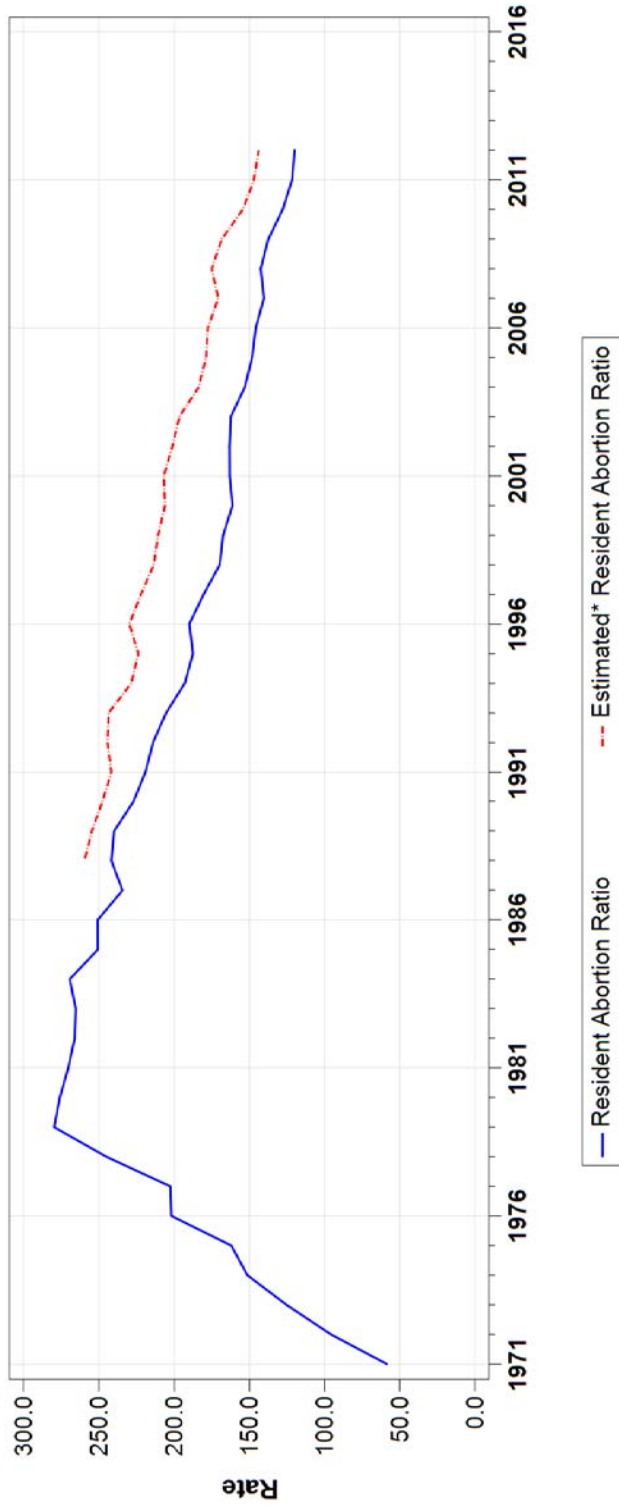
	<u>Total Pregnancies</u>			<u>Abortions</u>		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Daviness	13	3	10	0	0	0
DeKalb	6	2	4	1	1	0
Dent	14	6	8	1	1	0
Douglas	15	3	12	0	0	0
Dunklin	66	24	42	3	1	2
Franklin	112	31	81	9	3	6
Gasconade	16	2	14	1	0	1
Gentry	8	3	5	0	0	0
Greene	328	89	239	49	12	37
Grundy	18	5	13	0	0	0
Harrison	15	0	15	0	0	0
Henry	37	12	25	0	0	0
Hickory	7	2	5	0	0	0
Holt	5	1	4	0	0	0
Howard	11	2	9	1	0	1
Howell	70	20	50	2	0	2
Iron	20	3	17	1	0	1
Jackson	1,181	349	832	250	80	170
Jasper	215	57	158	4	2	2
Jefferson	220	59	161	27	14	13
Johnson	62	11	51	10	1	9
Knox	4	0	4	0	0	0
Laclede	65	26	39	3	2	1
Lafayette	46	13	33	2	1	1
Lawrence	63	14	49	3	0	3
Lewis	11	2	9	1	0	1
Lincoln	71	21	50	11	5	6
Linn	14	4	10	2	0	2
Livingston	21	6	15	2	1	1
McDonald	48	9	39	0	0	0
Macon	15	4	11	2	1	1

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Counties by Selected Ages by Residence: Missouri, 2012

	<u>Total Pregnancies</u>			<u>Abortions</u>		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Madison	19	5	14	4	1	3
Maries	6	3	3	0	0	0
Marion	24	3	21	1	0	1
Mercer	5	1	4	0	0	0
Miller	34	9	25	4	1	3
Mississippi	31	12	19	1	1	0
Moniteau	24	6	18	1	0	1
Monroe	4	0	4	0	0	0
Montgomery	27	7	20	1	0	1
Morgan	26	8	18	4	0	4
New Madrid	33	9	24	2	0	2
Newton	80	21	59	2	1	1
Nodaway	15	0	15	5	0	5
Oregon	18	3	15	0	0	0
Osage	6	1	5	0	0	0
Ozark	11	3	8	0	0	0
Pemiscot	62	17	45	6	3	3
Perry	18	4	14	1	0	1
Pettis	56	12	44	6	1	5
Phelps	65	16	49	4	1	3
Pike	23	5	18	5	0	5
Platte	69	14	55	12	3	9
Polk	36	13	23	2	2	0
Pulaski	57	16	41	7	2	5
Putnam	5	1	4	0	0	0
Ralls	7	2	5	0	0	0
Randolph	36	12	24	0	0	0
Ray	36	13	23	5	2	3
Reynolds	9	2	7	0	0	0
Ripley	28	12	16	3	1	2
St. Charles	218	57	161	60	19	41

	<u>Total Pregnancies</u>			<u>Abortions</u>		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
St. Clair	11	4	7	0	0	0
St. Francois	102	25	77	3	0	3
Ste. Genevieve	13	2	11	1	0	1
St. Louis City	638	185	453	160	56	104
St. Louis County	952	272	680	291	90	201
Saline	41	8	33	5	1	4
Schuyler	7	0	7	0	0	0
Scott	68	27	41	1	1	0
Shannon	20	5	15	0	0	0
Shelby	3	1	2	0	0	0
Stoddard	36	9	27	1	0	1
Stone	34	6	28	3	1	2
Sullivan	13	7	6	0	0	0
Taney	86	23	63	6	3	3
Texas	27	6	21	1	1	0
Vernon	37	6	31	1	0	1
Warren	22	5	17	1	0	1
Washington	42	15	27	5	1	4
Wayne	17	5	12	1	1	0
Webster	50	11	39	5	3	2
Worth	1	0	1	0	0	0
Wright	36	9	27	1	0	1

Graph D. Resident Abortion Ratios per 1,000 Live Births: Missouri, 1971-2012



Year Recorded	Resident	Resident Ratio	Estimated* Resident	Estimated* Resident Ratio	Year Recorded	Resident	Resident Ratio	Estimated* Resident	Estimated* Resident Ratio
1971	---	4,582	58.5	---	2005	7,977	11,619	147.9	14,025
1975	10,245	11,077	161.8	---	2010	6,163	9,796	127.7	11,823
1980	19,043	21,671	275.8	---	2011	5,772	9,234	121.4	11,161
1985	19,482	19,210	250.5	---	2012	5,624	9,027	119.7	10,824
1990	16,366	17,947	226.8	19,582					
1995	11,203	13,635	187.3	16,281					
2000	7,884	12,292	161.0	15,710					

Source: 1971-1974 Centers for Disease Control; 1975-2012 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 1988-2012 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, 2012

	Total	Weeks of Gestation									
		Under 9	9-10	11-12	13-14	15-16	17-19	20	21 and Over	Unknown	
State Total	9,027	5,638	1,369	927	402	257	285	71	76	2	
Patient's Race											
White, Non-Hispanic	4,836	3,240	652	437	188	128	114	37	40	0	
Black, Non-Hispanic	3,266	1,748	605	416	184	108	151	28	25	1	
Other, Non-Hispanic	497	362	60	34	12	9	6	5	8	1	
Unknown, Non-Hispanic	11	5	1	4	1	0	0	0	0	0	
Hispanic, Any Race	417	283	51	36	17	12	14	1	3	0	
Patient's Age											
Under 15	35	14	6	4	4	3	2	1	1	0	
15	86	44	17	11	4	4	3	0	3	0	
16	120	60	18	14	10	8	5	2	3	0	
17	156	69	28	25	11	12	6	2	3	0	
18	349	206	54	42	18	9	12	6	2	0	
19	478	267	74	62	27	21	17	4	6	0	
20-24	3,082	1,875	496	346	138	88	97	19	23	0	
25-29	2,266	1,463	337	218	89	54	72	16	17	0	
30-34	1,370	912	184	110	64	32	45	12	10	1	
35-39	802	525	129	71	27	14	18	9	8	1	
40 and Over	281	202	26	23	10	12	8	0	0	0	
Unknown	2	1	0	1	0	0	0	0	0	0	
Type of Procedure											
Curettage	5,464	3,008	1,319	921	195	17	4	0	0	0	
Intrauterine Instillation	1	0	0	0	0	0	0	0	1	0	
Hysterotomy/Hysterectomy	4	0	1	0	1	0	1	0	0	1	
Laminaria D & E	873	4	2	5	205	239	277	71	70	0	
Medical/Nonsurgical	2,680	2,623	47	1	0	1	2	0	5	1	
Unknown	2	1	0	0	1	0	0	0	0	0	
Other	3	2	0	0	0	0	1	0	0	0	

Table 12B. Recorded Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2012

	Total	Weeks of Gestation									
		Under 9	9-10	11-12	13-14	15-16	17-19	20	21 and Over	Unknown	
State Total	5,624	3,309	890	634	271	181	209	60	69	1	
Patient's Race											
White, Non-Hispanic	2,889	1,856	403	285	120	85	76	24	40	0	
Black, Non-Hispanic	2,313	1,154	443	314	136	88	125	31	22	0	
Other, Non-Hispanic	267	201	25	17	7	2	4	4	6	1	
Unknown, Non-Hispanic	0	0	0	0	0	0	0	0	0	0	
Hispanic, Any Race	155	98	19	18	8	6	4	1	1	0	
Patient's Age											
Under 15	23	8	5	2	4	1	2	1	0	0	
15	50	22	12	8	2	1	3	0	2	0	
16	81	35	13	9	10	6	4	1	3	0	
17	99	41	17	17	6	9	6	2	1	0	
18	225	121	31	35	15	6	8	6	3	0	
19	301	164	44	40	17	16	12	2	6	0	
20-24	1,987	1,124	338	249	95	64	79	20	18	0	
25-29	1,356	834	210	137	58	42	45	13	17	0	
30-34	836	533	123	68	38	21	33	9	11	0	
35-39	476	303	75	51	16	7	11	6	6	1	
40 and Over	186	123	22	18	10	7	6	0	0	0	
Unknown	4	1	0	0	0	1	0	0	2	0	
Type of Procedure											
Curettage	3,483	1,843	855	633	150	1	1	0	0	0	
Intrauterine Instillation	1	0	0	0	0	0	0	0	1	0	
Hysterotomy/Hysterectomy	3	0	0	0	1	0	1	0	0	1	
Laminaria D & E	629	4	2	0	119	179	204	60	61	0	
Medical/Nonsurgical	1,502	1,461	32	0	0	1	2	0	6	0	
Unknown	4	0	1	1	1	0	0	0	1	0	
Other	2	1	0	0	0	0	1	0	0	0	

Table 13. Resident Abortions by Age, Marital Status, and Education by Race and Hispanic Origin: Missouri, 2012

	Total	Patient's Race				
		White, Non-Hispanic	Black, Non-Hispanic	Other, Non-Hispanic	Unknown, Non-Hispanic	Hispanic, Any Race
State Total	9,027	4,836	3,266	497	11	417
<u>Patient's Age</u>						
Under 15	35	17	15	2	0	1
15	86	46	28	4	1	7
16	120	63	44	3	0	10
17	156	83	55	10	0	8
18	349	183	126	18	0	22
19	478	241	185	26	1	25
20-24	3,082	1,642	1,154	147	3	136
25-29	2,266	1,200	841	126	2	97
30-34	1,370	731	501	76	1	61
35-39	802	454	245	62	2	39
40 and Over	281	175	72	23	0	11
Unknown	2	1	0	0	1	0
<u>Marital Status</u>						
Never Married	4,001	1,863	1,938	109	0	91
Currently Married	1,244	764	227	175	1	77
Formerly Married	281	232	36	6	0	7
Unmarried, Unspecified	3,450	1,947	1,052	206	10	235
Unknown	51	30	13	1	0	7
<u>Years of Education</u>						
0-8	195	64	70	25	0	36
9-11	1,215	605	460	58	1	91
12	3,376	1,621	1,481	145	2	127
13-15	2,584	1,475	884	120	5	100
16 or More	1,393	922	295	136	0	40
Unknown	264	149	76	13	3	23

Table 14. Resident Abortions and Ratios per 1,000 Live Births by County and BRFSS Region of Residence: Missouri, 2012

Counties	Number	Ratio	Counties	Number	Ratio	Counties	Number	Ratio
State Total	9,027	119.7	Dent	4	23.1	Miller	18	59.6
Adair	17	68.3	Douglas	1	7.0	Mississippi	5	27.8
Andrew	7	40.7	Dunklin	16	36.0	Moniteau	7	32.4
Atchison	0	0.0	Franklin	65	52.1	Monroe	1	11.8
Audrain	14	44.3	Gasconade	7	52.6	Montgomery	8	54.8
Barry	6	13.7	Gentry	0	0.0	Morgan	6	22.7
Barton	4	26.3	Greene	310	86.7	New Madrid	16	74.1
Bates	13	71.0	Grundy	1	6.5	Newton	11	14.7
Benton	11	88.0	Harrison	2	17.4	Nodaway	17	75.2
Bollinger	1	6.8	Henry	11	40.0	Oregon	1	7.7
Boone	298	139.8	Hickory	1	14.1	Osage	3	19.4
Buchanan	125	103.1	Holt	0	0.0	Ozark	0	0.0
Butler	21	34.1	Howard	8	69.6	Pemiscot	25	88.7
Caldwell	13	146.1	Howell	9	17.5	Perry	4	17.9
Callaway	27	51.2	Iron	5	43.9	Pettis	42	71.8
Camden	34	85.0	Jackson	2,060	213.9	Phelps	37	69.4
Cape Girardeau	48	52.2	Jasper	47	26.9	Pike	11	46.6
Carroll	1	9.3	Jefferson	202	74.8	Platte	65	57.2
Carter	0	0.0	Johnson	51	70.6	Polk	13	38.6
Cass	139	120.5	Knox	2	39.2	Pulaski	42	49.9
Cedar	4	21.5	Laclede	18	40.4	Putnam	2	42.6
Chariton	3	37.5	Lafayette	22	57.0	Ralls	2	23.3
Christian	54	56.1	Lawrence	10	20.7	Randolph	7	25.4
Clark	3	29.1	Lewis	2	18.5	Ray	22	93.6
Clay	478	153.2	Lincoln	37	52.3	Reynolds	0	0.0
Clinton	19	86.4	Linn	6	45.1	Ripley	6	33.0
Cole	108	116.5	Livingston	7	39.1	Saline	23	70.8
Cooper	17	89.0	Macon	6	37.0	Schuyler	2	37.7
Crawford	15	52.1	Madison	9	59.6	Scotland	0	0.0
Dade	2	33.3	Maries	3	31.6	Scott	20	39.1
Dallas	7	36.5	Marion	9	25.7	Shannon	1	9.7
Davies	3	28.3	McDonald	2	6.3	Shelby	0	0.0
DeKalb	3	30.0	Mercer	1	22.2	St. Charles	461	103.9
St. Clair	0	0.0						
St. Francois	45	59.9						
St. Louis City	1,171	249.4						
St. Louis County	2,228	193.2						
Ste. Genevieve	6	38.5						
Stoddard	14	37.4						
Stone	9	35.6						
Sullivan	5	57.5						
Taney	41	66.1						
Texas	9	32.1						
Vernon	11	41.8						
Warren	19	45.8						
Washington	9	31.5						
Wayne	4	26.3						
Webster	15	28.5						
Worth	0	0.0						
Wright	8	35.1						
BRFSS Regions	Number	Ratio	BRFSS Regions	Number	Ratio			
Northeast	110	37.2	Northwest	209	69.8			
Central	716	81.5	Southeast	274	38.8			
Southwest	569	49.9	St. Louis Region	4,192	161.1			
Kansas City Region	2,831	175.3	Metro	8,114	142.1			
Non-Metro	787	43.0						

Table 15. Resident Abortions by Marital Status, Number of Living Children, and Number of Previous Abortions by Age of Patient: Missouri, 2012

	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	9,027	35	362	827	3,082	2,266	1,370	802	262	19	2
Marital Status											
Never Married	4,001	22	203	464	1,613	972	475	194	54	3	1
Currently Married	1,244	0	5	27	192	297	326	297	92	7	1
Formerly Married	281	0	0	0	19	74	77	65	42	4	0
Unmarried, Unspecified	3,450	13	153	336	1,240	911	484	237	71	5	0
Unknown	51	0	1	0	18	12	8	9	3	0	0
Number of Living Children											
0	3,625	34	349	633	1,544	697	248	86	32	2	0
1	2,354	1	10	165	967	632	355	164	55	4	1
2	1,739	0	1	20	415	533	400	292	71	6	1
3	769	0	0	3	114	242	211	132	64	3	0
4	307	0	0	0	20	98	86	73	28	2	0
5	112	0	0	0	2	31	37	34	6	2	0
6+	55	0	0	1	1	12	24	13	4	0	0
Unknown	66	0	2	5	19	21	9	8	2	0	0
Number of Previous Abortions											
0	5,453	34	351	716	2,079	1,154	615	368	122	12	2
1	2,217	1	10	105	735	649	401	234	78	4	0
2	890	0	1	5	197	309	216	116	45	1	0
3	317	0	0	1	58	100	90	55	11	2	0
4	84	0	0	0	8	29	24	20	3	0	0
5	30	0	0	0	1	13	8	7	1	0	0
6+	32	0	0	0	3	11	14	2	2	0	0
Unknown	4	0	0	0	1	1	2	0	0	0	0

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Counties: Missouri, 2012

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	6,021,988	75,400	55,763	19,617	76,411	58,117	12.5	9.3	3.3
Adair	25,581	249	226	23	483	237	9.7	8.8	0.9
Andrew	17,417	172	164	8	2	119	9.9	9.4	0.5
Atchison	5,517	55	80	-25	41	70	10.0	14.5	-4.5
Audrain	25,621	316	282	34	202	269	12.3	11.0	1.3
Barry	35,546	437	397	40	334	332	12.3	11.2	1.1
Barton	12,337	152	135	17	9	124	12.3	10.9	1.4
Bates	16,709	183	209	-26	5	184	11.0	12.5	-1.6
Benton	18,962	125	292	-167	8	219	6.6	15.4	-8.8
Bollinger	12,382	146	134	12	0	74	11.8	10.8	1.0
Boone	168,535	2,132	956	1,176	3,973	1,750	12.7	5.7	7.0
Buchanan	89,706	1,212	979	233	1,671	1,142	13.5	10.9	2.6
Butler	43,053	615	516	99	1,380	637	14.3	12.0	2.3
Caldwell	9,145	89	112	-23	2	65	9.7	12.2	-2.5
Callaway	44,305	527	353	174	21	215	11.9	8.0	3.9
Camden	43,845	400	466	-66	723	515	9.1	10.6	-1.5
Cape Girardeau	76,950	919	719	200	1,930	1,273	11.9	9.3	2.6
Carroll	9,086	107	134	-27	3	100	11.8	14.7	-3.0
Carter	6,262	81	65	16	0	29	12.9	10.4	2.6
Cass	100,376	1,154	890	264	10	629	11.5	8.9	2.6
Cedar	13,799	186	201	-15	50	148	13.5	14.6	-1.1
Chariton	7,649	80	88	-8	1	70	10.5	11.5	-1.0
Christian	79,824	962	557	405	11	351	12.1	7.0	5.1
Clark	6,969	103	89	14	5	56	14.8	12.8	2.0
Clay	227,577	3,121	1,580	1,541	2,396	2,001	13.7	6.9	6.8
Clinton	20,508	220	239	-19	141	287	10.7	11.7	-0.9
Cole	76,363	927	608	319	1,497	767	12.1	8.0	4.2
Cooper	17,520	191	186	5	0	133	10.9	10.6	0.3
Crawford	24,832	288	268	20	276	248	11.6	10.8	0.8
Dade	7,568	60	86	-26	3	62	7.9	11.4	-3.4
Dallas	16,799	192	162	30	7	121	11.4	9.6	1.8
Davies	8,239	106	90	16	32	53	12.9	10.9	1.9
DeKalb	12,940	100	131	-31	2	84	7.7	10.1	-2.4
Dent	15,647	173	185	-12	15	144	11.1	11.8	-0.8
Douglas	13,585	143	140	3	6	105	10.5	10.3	0.2
Dunklin	31,826	444	453	-9	418	354	14.0	14.2	-0.3
Franklin	101,412	1,247	968	279	852	821	12.3	9.5	2.8
Gasconade	14,972	133	205	-72	1	167	8.9	13.7	-4.8
Gentry	6,777	104	94	10	11	85	15.3	13.9	1.5

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Counties: Missouri, 2012

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Greene	280,626	3,574	2,530	1,044	6,247	3,874	12.7	9.0	3.7
Grundy	10,338	153	117	36	206	93	14.8	11.3	3.5
Harrison	8,728	115	112	3	8	79	13.2	12.8	0.3
Henry	22,153	275	322	-47	328	251	12.4	14.5	-2.1
Hickory	9,391	71	141	-70	5	81	7.6	15.0	-7.5
Holt	4,655	47	69	-22	1	49	10.1	14.8	-4.7
Howard	10,169	115	81	34	0	59	11.3	8.0	3.3
Howell	40,629	515	479	36	694	542	12.7	11.8	0.9
Iron	10,374	114	133	-19	0	96	11.0	12.8	-1.8
Jackson	677,377	9,630	6,022	3,608	11,806	7,406	14.2	8.9	5.3
Jasper	115,258	1,745	1,108	637	598	814	15.1	9.6	5.5
Jefferson	220,209	2,702	1,839	863	501	1,293	12.3	8.4	3.9
Johnson	54,397	722	375	347	762	296	13.3	6.9	6.4
Knox	4,082	51	55	-4	6	30	12.5	13.5	-1.0
Laclede	35,417	445	399	46	362	337	12.6	11.3	1.3
Lafayette	33,080	386	351	35	2	259	11.7	10.6	1.1
Lawrence	38,467	484	420	64	241	324	12.6	10.9	1.7
Lewis	10,174	108	128	-20	12	98	10.6	12.6	-2.0
Lincoln	53,354	707	404	303	3	307	13.3	7.6	5.7
Linn	12,484	133	157	-24	6	101	10.7	12.6	-1.9
Livingston	15,037	179	185	-6	181	171	11.9	12.3	-0.4
Macon	15,573	162	208	-46	11	164	10.4	13.4	-3.0
Madison	12,448	151	154	-3	1	127	12.1	12.4	-0.2
Maries	9,014	95	85	10	1	62	10.5	9.4	1.1
Marion	28,745	350	293	57	568	316	12.2	10.2	2.0
McDonald	22,876	320	205	115	7	114	14.0	9.0	5.0
Mercer	3,729	45	48	-3	2	28	12.1	12.9	-0.8
Miller	24,817	302	273	29	2	163	12.2	11.0	1.2
Mississippi	14,322	180	193	-13	0	128	12.6	13.5	-0.9
Moniteau	15,625	216	145	71	26	110	13.8	9.3	4.5
Monroe	8,703	85	74	11	5	47	9.8	8.5	1.3
Montgomery	11,996	146	135	11	2	102	12.2	11.3	0.9
Morgan	20,117	264	296	-32	71	204	13.1	14.7	-1.6
New Madrid	18,488	216	255	-39	1	154	11.7	13.8	-2.1
Newton	59,069	746	619	127	2,574	1,170	12.6	10.5	2.2
Nodaway	23,419	226	188	38	325	147	9.7	8.0	1.6
Oregon	10,997	130	135	-5	5	75	11.8	12.3	-0.5
Osage	13,858	155	138	17	0	74	11.2	10.0	1.2
Ozark	9,601	109	124	-15	3	66	11.4	12.9	-1.6

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Counties: Missouri, 2012

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Pemiscot	18,111	282	226	56	93	183	15.6	12.5	3.1
Perry	19,018	223	193	30	148	151	11.7	10.1	1.6
Pettis	42,319	585	401	184	582	392	13.8	9.5	4.3
Phelps	44,987	533	433	100	845	467	11.8	9.6	2.2
Pike	18,565	236	187	49	20	142	12.7	10.1	2.6
Platte	92,054	1,136	607	529	878	448	12.3	6.6	5.7
Polk	31,017	337	321	16	505	299	10.9	10.3	0.5
Pulaski	53,259	842	300	542	587	176	15.8	5.6	10.2
Putnam	4,931	47	72	-25	74	57	9.5	14.6	-5.1
Ralls	10,277	86	89	-3	0	50	8.4	8.7	-0.3
Randolph	25,330	276	273	3	219	230	10.9	10.8	0.1
Ray	23,064	235	251	-16	1	179	10.2	10.9	-0.7
Reynolds	6,667	64	66	-2	1	48	9.6	9.9	-0.3
Ripley	14,036	182	176	6	2	98	13.0	12.5	0.4
Saline	23,339	325	228	97	278	181	13.9	9.8	4.2
Schuyler	4,370	53	51	2	7	19	12.1	11.7	0.5
Scotland	4,877	78	52	26	141	60	16.0	10.7	5.3
Scott	39,139	512	422	90	461	386	13.1	10.8	2.3
Shannon	8,318	103	91	12	6	57	12.4	10.9	1.4
Shelby	6,234	69	78	-9	2	60	11.1	12.5	-1.4
St. Charles	368,666	4,439	2,325	2,114	2,881	2,348	12.0	6.3	5.7
St. Clair	9,474	85	140	-55	4	118	9.0	14.8	-5.8
St. Francois	65,917	751	796	-45	860	693	11.4	12.1	-0.7
St. Louis City	318,172	4,696	2,911	1,785	3,341	4,211	14.8	9.1	5.6
St. Louis County	1,000,438	11,534	9,364	2,170	20,921	10,823	11.5	9.4	2.2
Ste. Genevieve	17,740	156	190	-34	109	140	8.8	10.7	-1.9
Stoddard	29,795	374	367	7	3	283	12.6	12.3	0.2
Stone	31,568	253	355	-102	2	238	8.0	11.2	-3.2
Sullivan	6,546	87	86	1	1	63	13.3	13.1	0.2
Taney	52,956	620	533	87	568	483	11.7	10.1	1.6
Texas	25,810	280	304	-24	289	240	10.8	11.8	-0.9
Vernon	20,748	263	234	29	346	183	12.7	11.3	1.4
Warren	32,753	415	270	145	5	153	12.7	8.2	4.4
Washington	25,095	286	222	64	2	160	11.4	8.8	2.6
Wayne	13,402	152	184	-32	1	103	11.3	13.7	-2.4
Webster	36,351	527	302	225	128	189	14.5	8.3	6.2
Worth	2,079	30	24	6	0	17	14.4	11.5	2.9
Wright	18,629	228	225	3	6	138	12.2	12.1	0.2

Table 16B. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Cities with Over 25,000 Population: Missouri, 2012

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	30,443	300	198	102	8	224	9.9	6.5	3.4
Blue Springs	53,014	692	372	320	629	342	13.1	7.0	6.0
Cape Girardeau	38,544	478	426	52	1,923	1,129	12.4	11.1	1.3
Chesterfield	47,684	376	509	-133	1,923	872	7.9	10.7	-2.8
Columbia	113,225	1,424	614	810	3,969	1,617	12.6	5.4	7.2
Florissant	52,252	668	595	73	0	707	12.8	11.4	1.4
Gladstone	25,931	333	260	73	2	68	12.8	10.0	2.8
Hazelwood	25,677	327	186	141	1	52	12.7	7.2	5.5
Independence	117,270	1,578	1,337	241	1,473	1,312	13.5	11.4	2.1
Jefferson City	43,183	538	428	110	1,486	745	12.5	9.9	2.5
Kirkwood	27,553	312	257	55	5	127	11.3	9.3	2.0
Lee's Summit	92,468	1,124	649	475	1,540	798	12.2	7.0	5.1
Liberty	29,811	359	194	165	1,144	396	12.0	6.5	5.5
Maryland Heights	27,446	376	225	151	1	241	13.7	8.2	5.5
O'Fallon	81,979	1,079	475	604	491	453	13.2	5.8	7.4
Raytown	29,513	333	356	-23	2	213	11.3	12.1	-0.8
St. Charles	66,463	798	543	255	826	941	12.0	8.2	3.8
St. Joseph	77,176	1,081	870	211	1,671	1,056	14.0	11.3	2.7
St. Louis City	318,172	4,696	2,911	1,785	3,341	4,211	14.8	9.1	5.6
St. Peters	54,078	659	359	300	447	482	12.2	6.6	5.5
Springfield	162,191	2,170	1,698	472	6,232	3,558	13.4	10.5	2.9
University City	35,228	481	344	137	4	116	13.7	9.8	3.9
Wentzville	31,216	509	145	364	5	130	16.3	4.6	11.7

Table 16C. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Multi-County Cities: Missouri, 2012

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	49,526	714	552	162	2,855	1,300	14.4	11.1	3.3
...Jasper Co. Part	43,202	651	452	199	294	430	15.1	10.5	4.6
...Newton Co. Part	6,324	63	100	-37	2,561	870	10.0	15.8	-5.9
Kansas City	464,310	7,212	3,668	3,544	8,926	5,155	15.5	7.9	7.6
...Jackson Co. Part	303,171	4,750	2,713	2,037	8,060	4,527	15.7	8.9	6.7
...Clay Co. Part	116,164	1,846	660	1,186	0	334	15.9	5.7	10.2
...Platte Co. Part	44,778	615	295	320	866	294	13.7	6.6	7.1
...Cass Co. Part	197	1	0	1	0	0	5.1	0.0	5.1

Table 17A. Resident Live Births and Deaths by Cities with 10,000 to 24,999 Population: Missouri, 2012

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Arnold	247	194
Bellefontaine Neighbors	131	156
Belton	331	201
Bolivar	147	133
Branson	155	108
Bridgeton	125	159
Carthage	304	163
Clayton	85	68
Crestwood	121	138
Creve Coeur	152	175
Dardenne Prairie	110	49
Eureka	129	73
Excelsior Springs	149	125
Farmington	193	204
Ferguson	347	210
Festus	168	148
Fulton	139	119
Grain Valley	228	72
Grandview	448	179
Hannibal	252	183
Harrisonville	119	148
Jackson	174	122
Jennings	197	129
Kennett	176	166
Kirksville	184	160
Lake St. Louis	134	80
Lebanon	235	206
Manchester	215	90
Marshall	216	113
Maryville	104	104
Mexico	168	163
Moberly	155	186
Neosho	210	137
Nixa	293	144
Overland	228	142
Ozark	286	159

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Poplar Bluff	308	247
Raymore	218	172
Republic	239	119
Rolla	272	165
St. Ann	194	120
Sedalia	339	252
Sikeston	251	235
Town and Country	40	123
Troy	187	95
Union	197	82
Warrensburg	233	125
Washington	179	171
Webb City	191	102
Webster Groves	264	234
West Plains	173	207

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2012

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	56	38	De Soto	81	89
Aurora	99	69	Des Peres	88	81
Ava	45	50	Dexter	118	111
Battlefield	68	31	East Prairie	45	40
Bel-Ridge	74	27	Eldon	57	67
Berkeley	169	86	El Dorado Springs	66	74
Bethany	54	56	Ellisville	81	127
Black Jack	75	96	Fayette	21	25
Bonne Terre	73	83	Fenton	35	39
Boonville	82	88	Fredricktown	55	66
Bowling Green	52	53	Frontenac	19	28
Breckenridge Hills	91	48	Glendale	73	43
Brentwood	100	61	Green Park	31	31
Brookfield	53	75	Greenwood	76	20
Buckner	43	19	Hayti	41	35
Buffalo	48	50	Herculaneum	57	44
Butler	55	84	Higginsville	72	75
Byrnes Mill	26	13	Hillsboro	50	20
California	61	68	Hollister	78	60
Camdenton	84	39	Holts Summit	48	25
Cameron	90	136	Kearney	107	52
Carl Junction	101	41	Knob Noster	45	15
Carrington	56	65	Ladue	50	56
Caruthersville	111	73	Lamar	61	62
Cassville	59	63	Lexington	60	64
Centralia	51	54	Licking	20	31
Chaffee	43	48	Louisiana	58	50
Charleston	73	65	Macon	49	103
Chillicothe	123	152	Malden	58	77
Clarkson Valley	5	14	Maplewood	115	61
Clinton	134	166	Marshfield	94	86
Cottleville	32	15	Monett	151	101
Crystal City	2	6	Monroe City	29	32
Cuba	48	56	Montgomery City	50	17
Dellwood	60	38	Moscow Mills	46	22
Deslodge	64	80	Mountain Grove	82	67

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2012

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
St. Robert	126	21
Salem	91	87
Savannah	66	58
Scott City	71	35
Shrewsbury	79	82
Smithville	104	68
Sugar Creek	45	29
Sullivan	110	102
Sunset Hills	58	144
Tipton	40	36
Trenton	97	89
Valley Park	108	93
Vandalia	34	40
Warrenton	138	79
Waynesville	106	36
Weldon Spring	32	67
Willard	61	38
Windsor	36	48
Woodson Terrace	62	35
Wright City	83	16

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
Mountain View	28	41
Mount Vernon	54	99
Nevada	127	135
New Madrid	32	39
Normandy	62	51
North Kansas City	56	54
Northwoods	48	63
Oak Grove	93	62
Odessa	73	45
Olivette	67	41
Osage Beach	47	82
Owensville	35	35
Pacific	89	58
Pagedale	38	40
Palmyra	37	43
Park Hills	111	130
Parkville	44	26
Peculiar	70	27
Perryville	123	126
Pevely	100	27
Pine Lawn	55	40
Platte City	68	49
Pleasant Hill	120	59
Pleasant Valley	40	29
Portageville	39	50
Potosi	52	57
Richmond	80	94
Richmond Heights	107	64
Riverside	64	38
Riverview	46	16
Rock Hill	65	34
Rogersville	54	19
St. Clair	85	50
Ste. Genevieve	13	12
St. James	50	86
St. John	89	63

Table 18. Twelve Leading Causes of Death by Race and Death Rates per 100,000 Residents: Missouri, 2012

Race	Causes of Death	Number	Crude Rate	Age-Adjusted Rate	Percent Of Total
Total (All Races)	1. Diseases of heart	13,609	226.0	191.5	24.4
	2. Malignant neoplasms	12,831	213.1	181.1	23.0
	3. Chronic lower respiratory disease	3,642	60.5	51.6	6.5
	4. Unintentional injuries	3,012	50.0	47.8	5.4
	5. Cerebrovascular diseases	2,950	49.0	41.6	5.3
	6. Alzheimer's disease	1,854	30.8	25.8	3.3
	7. Diabetes mellitus	1,371	22.8	19.5	2.5
	8. Nephritis and nephrosis	1,252	20.8	17.7	2.2
	9. Influenza and pneumonia	1,211	20.1	16.9	2.2
	10. Suicide	901	15.0	14.7	1.6
	11. Septicemia	775	12.9	11.0	1.4
	12. Chronic liver disease and cirrhosis	562	9.3	8.1	1.0
	All other causes	11,813	196.2	170.8	21.2
	Total (All Causes)	55,783	926.3	798.2	100.0

Table 18. Twelve Leading Causes of Death by Race and Death Rates per 100,000 Residents: Missouri, 2012

Race	Causes of Death	Number	Percent Of Total
White, Non-Hispanic	1. Diseases of heart	12,116	24.6
	2. Malignant neoplasms	11,261	22.9
	3. Chronic lower respiratory disease	3,401	6.9
	4. Unintentional injuries	2,635	5.4
	5. Cerebrovascular diseases	2,593	5.3
	6. Alzheimer's disease	1,731	3.5
	7. Diabetes mellitus	1,121	2.3
	8. Influenza and pneumonia	1,114	2.3
	9. Nephritis and nephrosis	1,037	2.1
	10. Suicide	830	1.7
	11. Septicemia	657	1.3
	12. Chronic liver disease and cirrhosis	505	1.0
	All other causes	10,153	20.7
Total (All Causes)	49,154	100.0	

Black, Non-Hispanic	1. Malignant neoplasms	1,323	23.8
	2. Diseases of heart	1,278	23.0
	3. Cerebrovascular diseases	306	5.5
	4. Unintentional injuries	282	5.1
	5. Homicide	256	4.6
	6. Chronic lower respiratory disease	210	3.8
	6. Diabetes mellitus	210	3.8
	8. Nephritis and nephrosis	186	3.3
	9. Septicemia	99	1.8
	10. Alzheimer's disease	97	1.7
	11. Influenza and pneumonia	83	1.5
	12. Essential hypertension	72	1.3
	All other causes	1,163	20.9
Total (All Causes)	5,565	100.0	

Race	Causes of Death	Number	Percent Of Total
Other Races	1. Malignant neoplasms	142	25.5
	2. Diseases of heart	112	20.1
	3. Unintentional injuries	37	6.7
	4. Cerebrovascular diseases	32	5.8
	5. Diabetes mellitus	23	4.1
	6. Chronic lower respiratory disease	22	4.0
	7. Suicide	14	2.5
	8. Nephritis and nephrosis	13	2.3
	9. Conditions orig. in perinatal period	12	2.2
	10. Alzheimer's disease	11	2.0
	10. Chronic liver disease and cirrhosis	11	2.0
	12. Homicide	9	1.6
	All other causes	118	21.2
Total (All Causes)	556	100.0	

Hispanic, Any Race	1. Malignant neoplasms	96	20.7
	2. Diseases of heart	93	20.1
	3. Unintentional injuries	53	11.4
	4. Homicide	22	4.8
	5. Diabetes mellitus	17	3.7
	6. Cerebrovascular diseases	16	3.5
	7. Nephritis and nephrosis	15	3.2
	8. Suicide	13	2.8
	9. Alzheimer's disease	12	2.6
	10. Congenital anomalies	11	2.4
	10. Septicemia	11	2.4
	12. Conditions orig. in perinatal period	10	2.2
	All other causes	94	20.3
Total (All Causes)	463	100.0	

Table 19. Five Leading Causes of Death and Percentages for Selected Resident Age Groups: Missouri, 2012

Age Group	Causes of Death	Number	Percent Of Total
Under 1 year	1. Conditions orig. in perinatal period	226	45.6
	2. Congenital anomalies	103	20.8
	3. Unintentional injuries	62	12.5
	4. Homicide	11	2.2
	5. Diseases of heart	7	1.4
	Total (All Causes)	496	100.0
1-4 years	1. Unintentional injuries	28	29.2
	2. Homicide	21	21.9
	3. Congenital anomalies	11	11.5
	4. Malignant neoplasms	8	8.3
	5. Diseases of heart	3	3.1
	Total (All Causes)	96	100.0
5-14 years	1. Unintentional injuries	28	23.5
	2. Malignant neoplasms	19	16.0
	3. Homicide	14	11.8
	4. Congenital anomalies	10	8.4
	5. Diseases of heart	8	6.7
	Total (All Causes)	119	100.0
15-24 years	1. Unintentional injuries	279	42.0
	2. Homicide	118	17.8
	2. Suicide	118	17.8
	4. Diseases of heart	26	3.9
	5. Malignant neoplasms	16	2.4
	Total (All Causes)	664	100.0
25-34 years	1. Unintentional injuries	374	36.8
	2. Suicide	149	14.7
	3. Homicide	113	11.1
	4. Malignant neoplasms	84	8.3
	5. Diseases of heart	82	8.1
	Total (All Causes)	1,015	100.0
35-44 years	1. Unintentional injuries	365	24.4
	2. Diseases of heart	247	16.5
	3. Malignant neoplasms	230	15.4
	4. Suicide	153	10.2
	5. Homicide	61	4.1
	Total (All Causes)	1,495	100.0

Age Group	Causes of Death	Number	Percent Of Total
45-54 years	1. Malignant neoplasms	1,071	26.4
	2. Diseases of heart	883	21.8
	3. Unintentional injuries	478	11.8
	4. Suicide	188	4.6
	5. Chronic liver disease and cirrhosis	145	3.6
	Total (All Causes)	4,054	100.0
55-64 years	1. Malignant neoplasms	2,561	35.6
	2. Diseases of heart	1,622	22.6
	3. Chronic lower respiratory disease	445	6.2
	4. Unintentional injuries	329	4.6
	5. Cerebrovascular diseases	240	3.3
	Total (All Causes)	7,189	100.0
65-74 years	1. Malignant neoplasms	3,399	34.7
	2. Diseases of heart	2,151	21.9
	3. Chronic lower respiratory disease	917	9.4
	4. Cerebrovascular diseases	435	4.4
	5. Diabetes mellitus	286	2.9
	Total (All Causes)	9,807	100.0
75-84 years	1. Diseases of heart	3,434	24.8
	2. Malignant neoplasms	3,359	24.2
	3. Chronic lower respiratory disease	1,198	8.6
	4. Cerebrovascular diseases	825	6.0
	5. Alzheimer's disease	546	3.9
	Total (All Causes)	13,857	100.0
85 years & over	1. Diseases of heart	5,146	30.3
	2. Malignant neoplasms	2,083	12.3
	3. Cerebrovascular diseases	1,249	7.4
	4. Alzheimer's disease	1,178	6.9
	5. Chronic lower respiratory disease	922	5.4
	Total (All Causes)	16,990	100.0

Table 20. Resident Deaths with Age-Specific Rates per 1,000 Residents by Age Groups by Sex and Race: Missouri, 2012

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	9.5	9.1	55,783	27,946	27,837	49,154	24,487	24,667	5,565	2,876	2,689
Under 1 Year	6.6	7.5	5.6	496	291	205	317	185	132	132	81	51
1-4 Years	0.3	0.3	0.3	96	53	43	67	39	28	17	10	7
5-9 Years	0.1	0.1	0.2	56	27	29	37	19	18	11	4	7
10-14 Years	0.2	0.2	0.1	63	43	20	48	31	17	11	9	2
15-19 Years	0.6	0.8	0.4	243	167	76	159	107	52	67	50	17
20-24 Years	1.0	1.5	0.5	421	321	100	282	220	62	117	85	32
25-29 Years	1.1	1.6	0.7	451	311	140	315	210	105	107	77	30
30-34 Years	1.4	1.9	1.0	564	372	192	425	281	144	105	70	35
35-39 Years	1.8	2.4	1.2	628	421	207	467	320	147	138	85	53
40-44 Years	2.3	2.9	1.7	867	546	321	713	445	268	127	82	45
45-49 Years	3.6	4.3	2.9	1,473	872	601	1,190	705	485	239	142	97
50-54 Years	5.8	7.3	4.3	2,581	1,598	983	2,107	1,307	800	416	256	160
55-59 Years	8.2	10.5	6.0	3,351	2,089	1,262	2,760	1,742	1,018	502	291	211
60-64 Years	10.9	13.6	8.4	3,838	2,290	1,548	3,260	1,949	1,311	503	296	207
65-69 Years	16.4	20.1	13.1	4,590	2,650	1,940	4,020	2,323	1,697	482	268	214
70-74 Years	25.2	30.0	21.0	5,217	2,866	2,351	4,612	2,535	2,077	523	285	238
75-79 Years	39.5	46.9	33.7	6,190	3,237	2,953	5,548	2,923	2,625	542	270	272
80-84 Years	64.5	76.7	56.2	7,667	3,682	3,985	7,024	3,425	3,599	530	208	322
85 Years & Over	141.2	156.1	134.1	16,990	6,109	10,881	15,803	5,721	10,082	995	306	689
Unknown Age	0.0	0.0	0.0	1	1	0	0	0	0	1	1	0

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2012

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	55,783	496	96	56	63	243	421	451	564	628	867
Enterocolitis due to Clostridium difficile	206	0	0	0	0	0	0	0	0	0	0
Septicemia	775	5	1	2	0	2	1	1	2	9	4
HIV / AIDS	77	0	0	0	0	0	1	3	3	4	8
Malignant neoplasms	12,831	1	8	8	11	7	9	27	57	84	146
...Colon, rectum, and anus	1,160	0	0	0	0	0	1	1	9	13	15
...Pancreas	782	0	0	0	0	0	0	0	2	2	8
...Trachea, bronchus, and lung	3,976	0	0	0	0	1	2	0	3	9	25
...Breast	860	0	0	0	0	0	0	0	8	11	28
...Cervix uteri, corpus uteri, and ovary	573	0	0	0	0	1	0	5	4	7	11
...Prostate	506	0	0	0	0	0	0	0	0	0	1
...Urinary tract	623	0	0	0	0	0	0	0	2	2	2
...Non-Hodgkin's lymphoma	355	0	0	0	0	0	0	0	3	1	2
...Leukemia	491	0	2	1	3	1	0	3	7	5	5
...Other malignant neoplasms	3,505	1	6	7	8	4	6	18	19	34	49
Diabetes mellitus	1,371	0	0	0	0	1	3	9	9	16	14
Alzheimer's disease	1,854	0	0	0	0	0	0	0	0	0	1
Parkinson's disease	532	0	0	0	0	0	0	0	0	0	0
Diseases of heart	13,609	7	3	1	7	5	21	20	62	104	143
Essential hypertension	483	0	0	0	0	0	0	0	0	7	2
Cerebrovascular diseases	2,950	4	1	1	0	2	1	4	5	14	30
Influenza and pneumonia	1,211	3	0	0	1	2	2	2	5	3	10
Chronic lower respiratory disease	3,642	0	1	2	1	1	2	1	5	4	14
Pneumonitis due to solids and liquids	503	0	0	0	0	0	0	3	2	2	3
Chronic liver disease and cirrhosis	562	0	0	0	0	0	0	1	11	10	31
Nephritis and nephrosis	1,252	2	0	0	0	0	3	1	5	2	12
Perinatal conditions	228	226	2	0	0	0	0	0	0	0	0
Congenital anomalies	189	103	11	6	4	4	4	3	6	3	4
Symptoms and ill-defined conditions	520	16	5	1	0	4	5	6	9	5	13
All other diseases	8,490	50	15	13	16	18	38	49	57	70	125
Unintentional injuries	3,012	62	28	16	12	100	179	180	194	175	190
...Motor vehicle crashes	849	3	13	7	5	73	104	80	62	57	66
...Falls	694	0	0	0	0	0	4	2	2	5	8
...Accidental poisoning	824	2	0	3	0	12	56	81	109	96	95
...Other unintentional injuries	645	57	15	6	7	15	15	17	21	17	21
Suicide	901	0	0	0	2	41	77	75	74	73	80
Homicide	429	11	21	5	9	49	69	60	53	34	27
All other external causes	156	6	0	1	0	7	6	6	5	9	10

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2012

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	1,473	2,581	3,351	3,838	4,590	5,217	6,190	7,667	16,990	1
Enterocolitis due to Clostridium difficile	5	1	6	2	11	13	31	38	99	0
Septicemia	22	40	51	58	64	90	90	119	214	0
HIV / AIDS	16	14	10	9	3	3	1	1	1	0
Malignant neoplasms	329	742	1,130	1,431	1,629	1,770	1,701	1,658	2,083	0
...Colon, rectum, and anus	31	74	79	122	123	141	146	147	258	0
...Pancreas	18	39	72	96	99	111	104	100	131	0
...Trachea, bronchus, and lung	79	215	367	497	588	641	589	494	466	0
...Breast	54	77	90	84	92	100	74	101	141	0
...Cervix uteri, corpus uteri, and ovary	17	40	60	63	86	57	77	58	87	0
...Prostate	4	13	11	22	48	57	74	92	184	0
...Urinary tract	8	33	45	54	62	82	76	110	147	0
...Non-Hodgkin's lymphoma	5	15	21	26	34	53	49	79	67	0
...Leukemia	7	16	19	48	61	66	68	77	102	0
...Other malignant neoplasms	106	220	366	419	436	462	444	400	500	0
Diabetes mellitus	43	77	116	115	143	143	180	202	300	0
Alzheimer's disease	2	3	3	14	23	84	201	345	1,178	0
Parkinson's disease	1	3	0	15	20	41	97	133	222	0
Diseases of heart	313	570	781	841	1,011	1,140	1,486	1,948	5,146	0
Essential hypertension	6	14	28	13	31	26	43	69	244	0
Cerebrovascular diseases	57	82	107	133	179	256	338	487	1,249	0
Influenza and pneumonia	16	28	43	62	71	73	128	188	574	0
Chronic lower respiratory disease	31	98	163	282	413	504	573	625	922	0
Pneumonitis due to solids and liquids	4	17	14	14	22	36	59	68	259	0
Chronic liver disease and cirrhosis	61	84	97	63	74	50	33	28	19	0
Nephritis and nephrosis	12	36	44	74	97	125	149	220	470	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	2	6	8	9	1	3	1	3	8	0
Symptoms and ill-defined conditions	12	22	25	33	34	35	46	55	194	0
All other diseases	204	331	417	460	577	663	840	1,224	3,323	0
Unintentional injuries	220	258	194	135	126	114	165	210	454	0
...Motor vehicle crashes	60	81	55	42	36	28	28	29	20	0
...Falls	11	20	24	27	37	37	76	113	328	0
...Accidental poisoning	119	110	75	27	21	2	7	6	3	0
...Other unintentional injuries	30	47	40	39	32	47	54	62	103	0
Suicide	78	110	83	57	41	34	22	32	22	0
Homicide	23	27	14	12	7	3	2	2	1	0
All other external causes	16	18	17	6	13	11	4	12	8	1

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2012

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	27,946	291	53	27	43	167	321	311	372	421	546
Enterocolitis due to Clostridium difficile	80	0	0	0	0	0	0	0	0	0	0
Septicemia	357	3	0	1	0	0	1	1	1	5	1
HIV / AIDS	52	0	0	0	0	0	1	0	2	2	5
Malignant neoplasms	6,727	0	5	4	8	2	4	14	24	42	63
...Colon, rectum, and anus	604	0	0	0	0	0	0	0	4	8	10
...Pancreas	384	0	0	0	0	0	0	0	2	1	6
...Trachea, bronchus, and lung	2,213	0	0	0	0	0	2	0	1	5	15
...Breast	8	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	506	0	0	0	0	0	0	0	0	0	1
...Urinary tract	407	0	0	0	0	0	0	0	0	1	1
...Non-Hodgkin's lymphoma	190	0	0	0	0	0	0	0	0	1	0
...Leukemia	279	0	0	1	3	1	0	3	5	5	2
...Other malignant neoplasms	2,136	0	5	3	5	1	2	11	12	21	28
Diabetes mellitus	696	0	0	0	0	1	2	4	4	9	8
Alzheimer's disease	560	0	0	0	0	0	0	0	0	0	1
Parkinson's disease	309	0	0	0	0	0	0	0	0	0	0
Diseases of heart	7,040	3	1	0	2	3	14	9	46	67	99
Essential hypertension	194	0	0	0	0	0	0	0	0	6	1
Cerebrovascular diseases	1,185	2	0	0	0	0	1	1	4	9	16
Influenza and pneumonia	554	2	0	0	0	2	2	0	1	3	8
Chronic lower respiratory disease	1,772	0	1	0	1	1	2	1	3	2	7
Pneumonitis due to solids and liquids	270	0	0	0	0	0	0	2	1	2	1
Chronic liver disease and cirrhosis	369	0	0	0	0	0	0	1	10	9	23
Nephritis and nephrosis	596	0	0	0	0	0	1	1	4	1	9
Perinatal conditions	129	127	2	0	0	0	0	0	0	0	0
Congenital anomalies	103	57	4	3	3	2	3	3	4	2	4
Symptoms and ill-defined conditions	234	10	4	1	1	2	5	4	5	3	6
All other diseases	3,753	36	9	7	13	10	18	24	29	42	73
Unintentional injuries	1,834	43	14	8	9	68	144	128	135	126	124
...Motor vehicle crashes	596	2	7	2	3	46	81	61	45	38	49
...Falls	320	0	0	0	0	0	4	1	1	3	5
...Accidental poisoning	521	1	0	2	0	9	45	54	72	69	53
...Other unintentional injuries	397	40	7	4	6	13	14	12	17	16	17
Suicide	711	0	0	0	2	31	65	60	55	56	67
Homicide	328	6	13	2	5	40	54	55	41	28	22
All other external causes	93	2	0	1	0	5	4	3	3	7	8

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2012

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	872	1,598	2,089	2,290	2,650	2,866	3,237	3,682	6,109	1
Enterocolitis due to Clostridium difficile	2	1	5	1	3	5	15	15	33	0
Septicemia	9	24	29	29	40	47	41	50	75	0
HIV / AIDS	12	11	7	4	3	3	1	1	0	0
Malignant neoplasms	155	394	637	804	899	978	899	844	951	0
...Colon, rectum, and anus	11	47	51	61	65	87	78	70	112	0
...Pancreas	9	22	42	55	49	55	46	50	47	0
...Trachea, bronchus, and lung	43	120	212	295	342	359	323	256	240	0
...Breast	2	0	0	0	2	1	1	0	2	0
...Cervix uteri, corpus uteri, and ovary	0	0	0	0	0	0	0	0	0	0
...Prostate	4	13	11	22	48	57	74	92	184	0
...Urinary tract	6	29	29	38	43	63	47	65	85	0
...Non-Hodgkin's lymphoma	4	8	17	22	18	28	24	44	24	0
...Leukemia	4	9	13	24	38	39	47	42	43	0
...Other malignant neoplasms	72	146	262	287	294	289	259	225	214	0
Diabetes mellitus	24	55	69	69	80	80	90	88	113	0
Alzheimer's disease	2	2	1	7	8	36	74	119	310	0
Parkinson's disease	0	1	0	9	13	24	60	92	110	0
Diseases of heart	210	393	556	564	664	700	847	956	1,906	0
Essential hypertension	4	11	21	6	18	14	17	29	67	0
Cerebrovascular diseases	38	47	53	76	96	115	159	213	355	0
Influenza and pneumonia	9	13	25	41	34	49	59	81	225	0
Chronic lower respiratory disease	16	44	81	154	212	258	297	313	379	0
Pneumonitis due to solids and liquids	1	8	7	7	13	18	33	42	135	0
Chronic liver disease and cirrhosis	41	57	73	46	48	19	20	17	5	0
Nephritis and nephrosis	7	25	26	37	46	72	84	106	177	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	1	2	4	6	1	0	0	1	3	0
Symptoms and ill-defined conditions	7	17	16	19	19	16	24	27	49	0
All other diseases	124	204	259	258	322	332	410	550	1,033	0
Unintentional injuries	131	181	131	94	87	63	85	103	160	0
...Motor vehicle crashes	43	60	36	30	29	16	15	22	11	0
...Falls	7	16	18	19	21	19	39	52	115	0
...Accidental poisoning	62	69	48	16	15	1	2	3	0	0
...Other unintentional injuries	19	36	29	29	22	27	29	26	34	0
Suicide	51	83	68	47	30	30	18	29	19	0
Homicide	17	17	12	6	5	2	2	1	0	0
All other external causes	11	8	9	6	9	5	2	5	4	1

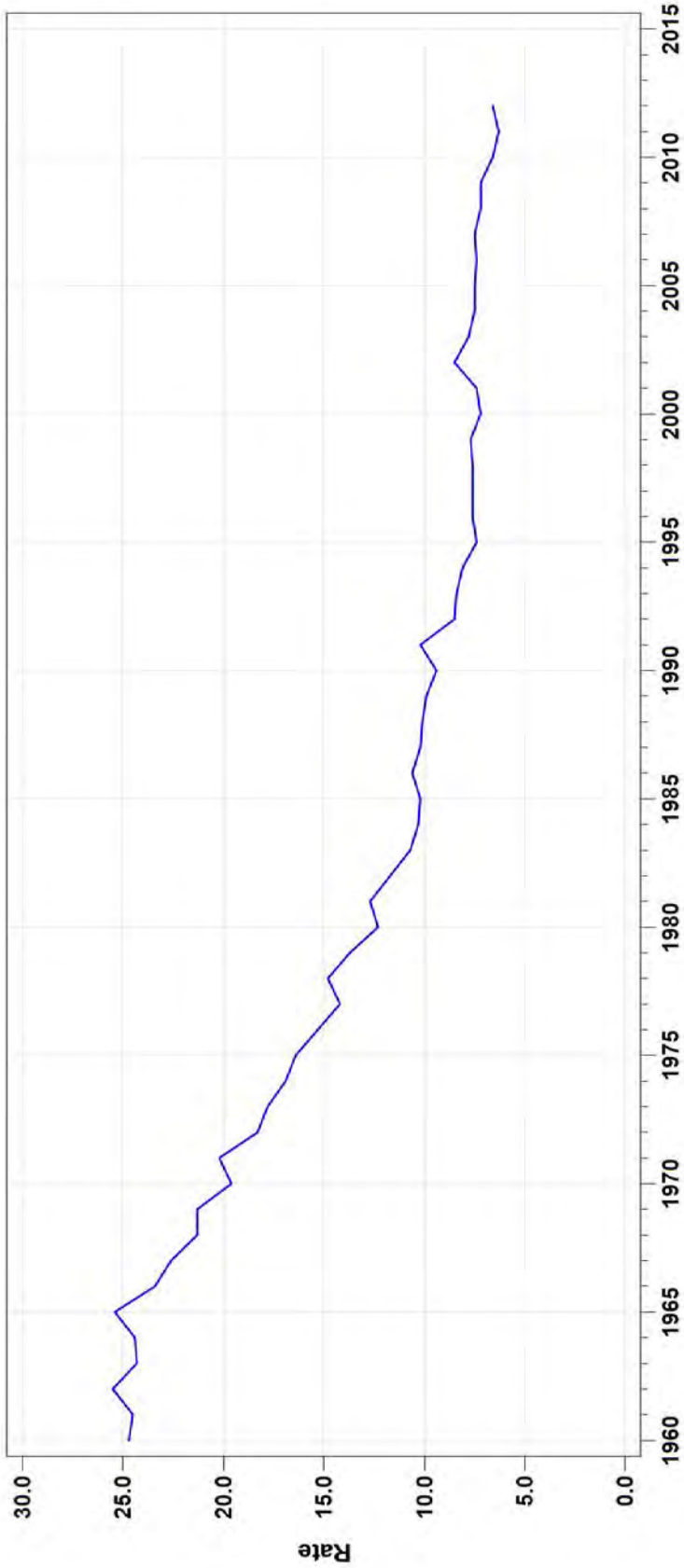
Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2012

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	27,837	205	43	29	20	76	100	140	192	207	321
Enterocolitis due to Clostridium difficile	126	0	0	0	0	0	0	0	0	0	0
Septicemia	418	2	1	1	0	2	0	0	1	4	3
HIV / AIDS	25	0	0	0	0	0	0	3	1	2	3
Malignant neoplasms	6,104	1	3	4	3	5	5	13	33	42	83
...Colon, rectum, and anus	556	0	0	0	0	0	1	1	5	5	5
...Pancreas	398	0	0	0	0	0	0	0	0	1	2
...Trachea, bronchus, and lung	1,763	0	0	0	0	1	0	0	2	4	10
...Breast	852	0	0	0	0	0	0	0	8	11	28
...Cervix uteri, corpus uteri, and ovary	573	0	0	0	0	1	0	5	4	7	11
...Prostate	0	0	0	0	0	0	0	0	0	0	0
...Urinary tract	216	0	0	0	0	0	0	0	2	1	1
...Non-Hodgkin's lymphoma	165	0	0	0	0	0	0	0	3	0	2
...Leukemia	212	0	2	0	0	0	0	0	2	0	3
...Other malignant neoplasms	1,369	1	1	4	3	3	4	7	7	13	21
Diabetes mellitus	675	0	0	0	0	0	1	5	5	7	6
Alzheimer's disease	1,294	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	223	0	0	0	0	0	0	0	0	0	0
Diseases of heart	6,569	4	2	1	5	2	7	11	16	37	44
Essential hypertension	289	0	0	0	0	0	0	0	0	1	1
Cerebrovascular diseases	1,765	2	1	1	0	2	0	3	1	5	14
Influenza and pneumonia	657	1	0	0	1	0	0	2	4	0	2
Chronic lower respiratory disease	1,870	0	0	2	0	0	0	0	2	2	7
Pneumonitis due to solids and liquids	233	0	0	0	0	0	0	1	1	0	2
Chronic liver disease and cirrhosis	193	0	0	0	0	0	0	0	1	1	8
Nephritis and nephrosis	656	2	0	0	0	0	2	0	1	1	3
Perinatal conditions	99	99	0	0	0	0	0	0	0	0	0
Congenital anomalies	86	46	7	3	1	2	1	0	2	1	0
Symptoms and ill-defined conditions	286	6	1	0	0	2	0	2	4	2	7
All other diseases	4,737	14	6	6	3	8	20	25	28	28	52
Unintentional injuries	1,178	19	14	8	3	32	35	52	59	49	66
...Motor vehicle crashes	253	1	6	5	2	27	23	19	17	19	17
...Falls	374	0	0	0	0	0	0	1	1	2	3
...Accidental poisoning	303	1	0	1	0	3	11	27	37	27	42
...Other unintentional injuries	248	17	8	2	1	2	1	5	4	1	4
Suicide	190	0	0	0	0	10	12	15	19	17	13
Homicide	101	5	8	3	4	9	15	5	12	6	5
All other external causes	63	4	0	0	0	2	2	3	2	2	2

Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2012

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	601	983	1,262	1,548	1,940	2,351	2,953	3,985	10,881	0
Enterocolitis due to Clostridium difficile	3	0	1	1	8	8	16	23	66	0
Septicemia	13	16	22	29	24	43	49	69	139	0
HIV / AIDS	4	3	3	5	0	0	0	0	1	0
Malignant neoplasms	174	348	493	627	730	792	802	814	1,132	0
...Colon, rectum, and anus	20	27	28	61	58	54	68	77	146	0
...Pancreas	9	17	30	41	50	56	58	50	84	0
...Trachea, bronchus, and lung	36	95	155	202	246	282	266	238	226	0
...Breast	52	77	90	84	90	99	73	101	139	0
...Cervix uteri, corpus uteri, and ovary	17	40	60	63	86	57	77	58	87	0
...Prostate	0	0	0	0	0	0	0	0	0	0
...Urinary tract	2	4	16	16	19	19	29	45	62	0
...Non-Hodgkin's lymphoma	1	7	4	4	16	25	25	35	43	0
...Leukemia	3	7	6	24	23	27	21	35	59	0
...Other malignant neoplasms	34	74	104	132	142	173	185	175	286	0
Diabetes mellitus	19	22	47	46	63	63	90	114	187	0
Alzheimer's disease	0	1	2	7	15	48	127	226	868	0
Parkinson's disease	1	2	0	6	7	17	37	41	112	0
Diseases of heart	103	177	225	277	347	440	639	992	3,240	0
Essential hypertension	2	3	7	7	13	12	26	40	177	0
Cerebrovascular diseases	19	35	54	57	83	141	179	274	894	0
Influenza and pneumonia	7	15	18	21	37	24	69	107	349	0
Chronic lower respiratory disease	15	54	82	128	201	246	276	312	543	0
Pneumonitis due to solids and liquids	3	9	7	7	9	18	26	26	124	0
Chronic liver disease and cirrhosis	20	27	24	17	26	31	13	11	14	0
Nephritis and nephrosis	5	11	18	37	51	53	65	114	293	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	1	4	4	3	0	3	1	2	5	0
Symptoms and ill-defined conditions	5	5	9	14	15	19	22	28	145	0
All other diseases	80	127	158	202	255	331	430	674	2,290	0
Unintentional injuries	89	77	63	41	39	51	80	107	294	0
...Motor vehicle crashes	17	21	19	12	7	12	13	7	9	0
...Falls	4	4	6	8	16	18	37	61	213	0
...Accidental poisoning	57	41	27	11	6	1	5	3	3	0
...Other unintentional injuries	11	11	11	10	10	20	25	36	69	0
Suicide	27	27	15	10	11	4	4	3	3	0
Homicide	6	10	2	6	2	1	0	1	1	0
All other external causes	5	10	8	0	4	6	2	7	4	0

Graph E. Resident Infant Deaths per 1,000 Live Births: Missouri, 1960-2012



Year	Infant Deaths	Rate	Year	Infant Deaths	Rate	Year	Infant Deaths	Rate
1960	2,414	24.7	1985	784	10.2	2006	599	7.4
1965	2,060	25.4	1990	746	9.4	2007	613	7.5
1970	1,580	19.6	1995	539	7.4	2008	583	7.2
1975	1,123	16.4	2000	547	7.2	2009	564	7.2
1980	970	12.3	2005	588	7.5	2010	504	6.6
						2011	482	6.3
						2012	496	6.6

Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2012

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	743	496	425	318	178	25
Counties						
Adair	6	3	3	3	0	0
Andrew	6	4	2	4	0	0
Atchison	0	0	0	0	0	0
Audrain	2	0	2	0	0	0
Barry	4	4	2	2	2	0
Barton	2	2	1	1	1	0
Bates	1	0	1	0	0	0
Benton	1	0	1	0	0	0
Bollinger	0	0	0	0	0	0
Boone	19	7	14	5	2	0
Buchanan	16	9	9	7	2	0
Butler	2	3	1	1	2	0
Caldwell	1	1	0	1	0	0
Callaway	6	8	3	3	5	0
Camden	2	1	1	1	0	1
Cape Girardeau	8	10	3	5	5	0
Carroll	1	1	1	0	1	0
Carter	1	2	0	1	1	0
Cass	11	6	9	2	4	0
Cedar	1	1	0	1	0	0
Chariton	0	0	0	0	0	0
Christian	10	6	5	5	1	1
Clark	0	1	0	0	1	0
Clay	29	17	18	11	6	0
Clinton	2	2	0	2	0	0
Cole	7	12	1	6	6	0
Cooper	6	2	5	1	1	0
Crawford	4	0	4	0	0	0
Dade	1	1	0	1	0	0
Dallas	3	0	3	0	0	0
Davies	1	0	1	0	0	0
DeKalb	5	3	2	3	0	0
Dent	1	1	0	1	0	0
Douglas	0	1	0	0	1	0
Dunklin	6	7	1	5	2	1
Franklin	5	8	2	3	5	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Gasconade	1	0	1	0	0	0
Gentry	1	0	1	0	0	0
Greene	24	14	15	9	5	1
Grundy	0	1	0	0	1	0
Harrison	4	2	3	1	1	0
Henry	4	3	2	2	1	0
Hickory	1	1	1	0	1	0
Holt	0	0	0	0	0	0
Howard	0	0	0	0	0	0
Howell	7	5	5	2	3	0
Iron	1	0	1	0	0	0
Jackson	97	59	62	35	24	3
Jasper	21	10	14	7	3	0
Jefferson	29	13	19	10	3	0
Johnson	10	4	7	3	1	1
Knox	1	1	0	1	0	0
Laclede	5	2	3	2	0	1
Lafayette	1	1	1	0	1	0
Lawrence	2	3	0	2	1	1
Lewis	0	0	0	0	0	0
Lincoln	2	2	1	1	1	1
Linn	1	0	1	0	0	0
Livingston	5	2	3	2	0	0
McDonald	6	3	3	3	0	0
Macon	0	0	0	0	0	0
Madison	3	2	1	2	0	0
Maries	0	0	0	0	0	0
Marion	0	0	0	0	0	0
Mercer	2	1	1	1	0	0
Miller	5	3	2	3	0	0
Mississippi	4	5	2	2	3	0
Moniteau	3	3	1	2	1	0
Monroe	0	0	0	0	0	0
Montgomery	1	1	0	1	0	0
Morgan	1	0	1	0	0	0
New Madrid	2	2	1	1	1	0
Newton	7	3	5	2	1	0
Nodaway	3	1	2	1	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, 2012

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	2	2	0	2	0	0
Osage	0	2	0	0	2	0
Ozark	2	0	2	0	0	0
Pemiscot	2	1	2	0	1	0
Perry	0	0	0	0	0	0
Pettis	5	3	4	1	2	0
Phelps	14	6	9	5	1	0
Pike	1	0	1	0	0	0
Platte	11	7	5	6	1	0
Polk	2	2	1	1	1	0
Pulaski	10	8	3	7	1	0
Putnam	0	0	0	0	0	0
Ralls	4	2	2	2	0	0
Randolph	1	1	0	1	0	0
Ray	4	1	3	1	0	0
Reynolds	0	1	0	0	1	0
Ripley	1	1	0	1	0	0
St. Charles	27	19	16	11	8	0
St. Clair	1	1	1	0	1	0
St. Francois	10	8	5	5	3	2
Ste. Genevieve	0	0	0	0	0	0
St. Louis City	59	57	28	31	26	4
St. Louis County	105	60	65	40	20	4
Saline	4	1	3	1	0	0
Schuyler	2	1	1	1	0	0
Scotland	0	0	0	0	0	0
Scott	7	6	2	5	1	2
Shannon	2	1	1	1	0	0
Shelby	1	1	0	1	0	0
Stoddard	1	2	0	1	1	0
Stone	6	5	1	5	0	0
Sullivan	1	0	1	0	0	0
Taney	3	3	1	2	1	2
Texas	7	4	3	4	0	0
Vernon	2	3	0	2	1	0
Warren	5	4	1	4	0	0
Washington	3	3	3	0	3	0
Wayne	0	1	0	0	1	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Webster	10	5	6	4	1	0
Worth	0	0	0	0	0	0
Wright	4	4	1	3	1	0
Unknown	0	0	0	0	0	0
<u>Cities w/25k Pop.</u>						
Ballwin	4	4	2	2	2	0
Blue Springs	7	4	4	3	1	0
Cape Girardeau	5	5	2	3	2	0
Chesterfield	5	2	3	2	0	0
Columbia	7	2	6	1	1	0
Florissant	4	3	2	2	1	0
Gladstone	6	4	4	2	2	0
Hazelwood	4	1	3	1	0	0
Independence	15	10	12	3	7	2
Jefferson City	4	7	1	3	4	0
Kirkwood	5	1	4	1	0	0
Lee's Summit	9	4	6	3	1	0
Liberty	1	0	1	0	0	0
Maryland Heights	0	1	0	0	1	0
O'Fallon	3	3	3	0	3	0
Raytown	2	2	2	0	2	0
St. Charles	3	4	1	2	2	0
St. Joseph	15	9	8	7	2	0
St. Louis City	59	57	28	31	26	4
St. Peters	5	3	3	2	1	0
Springfield	19	12	11	8	4	1
University City	5	2	4	1	1	0
Wentzville	5	2	4	1	1	0
Wildwood	2	0	2	0	0	0
<u>Multi-County Cities</u>						
Joplin	5	3	3	2	1	0
...Jasper Co. Part	5	3	3	2	1	0
...Newton Co. Part	0	0	0	0	0	0
Kansas City	83	51	47	36	15	1
...Jackson Co. Part	60	37	35	25	12	1
...Clay Co. Part	18	11	10	8	3	0
...Platte Co. Part	5	3	2	3	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, 2012

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	496	317	286	210	107	16
Counties						
Adair	6	3	3	3	0	0
Andrew	6	4	2	4	0	0
Atchison	0	0	0	0	0	0
Audrain	1	0	1	0	0	0
Barry	4	4	2	2	2	0
Barton	1	1	1	0	1	0
Bates	1	0	1	0	0	0
Benton	1	0	1	0	0	0
Bollinger	0	0	0	0	0	0
Boone	11	2	9	2	0	0
Buchanan	11	6	6	5	1	0
Butler	1	2	1	0	2	0
Caldwell	1	1	0	1	0	0
Callaway	6	8	3	3	5	0
Camden	2	1	1	1	0	1
Cape Girardeau	6	7	3	3	4	0
Carroll	1	1	1	0	1	0
Carter	1	2	0	1	1	0
Cass	11	5	9	2	3	0
Cedar	1	1	0	1	0	0
Chariton	0	0	0	0	0	0
Christian	9	6	4	5	1	1
Clark	0	1	0	0	1	0
Clay	20	11	13	7	4	0
Clinton	2	2	0	2	0	0
Cole	4	10	0	4	6	0
Cooper	6	1	5	1	0	0
Crawford	4	0	4	0	0	0
Dade	1	1	0	1	0	0
Dallas	3	0	3	0	0	0
Davies	1	0	1	0	0	0
DeKalb	5	3	2	3	0	0
Dent	0	0	0	0	0	0
Douglas	0	1	0	0	1	0
Dunklin	4	5	1	3	2	1
Franklin	5	8	2	3	5	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Gasconade	1	0	1	0	0	0
Gentry	1	0	1	0	0	0
Greene	23	12	14	9	3	1
Grundy	0	1	0	0	1	0
Harrison	4	2	3	1	1	0
Henry	4	2	2	2	0	0
Hickory	0	1	0	0	1	0
Holt	0	0	0	0	0	0
Howard	0	0	0	0	0	0
Howell	7	5	5	2	3	0
Iron	1	0	1	0	0	0
Jackson	38	23	27	11	12	2
Jasper	14	8	8	6	2	0
Jefferson	27	12	17	10	2	0
Johnson	10	4	7	3	1	1
Knox	0	0	0	0	0	0
Laclede	4	2	2	2	0	1
Lafayette	1	1	1	0	1	0
Lawrence	2	3	0	2	1	1
Lewis	0	0	0	0	0	0
Lincoln	2	2	1	1	1	0
Linn	1	0	1	0	0	0
Livingston	4	1	3	1	0	0
McDonald	2	1	1	1	0	0
Macon	0	0	0	0	0	0
Madison	3	2	1	2	0	0
Maries	0	0	0	0	0	0
Marion	0	0	0	0	0	0
Mercer	2	1	1	1	0	0
Miller	5	3	2	3	0	0
Mississippi	3	3	1	2	1	0
Moniteau	3	3	1	2	1	0
Monroe	0	0	0	0	0	0
Montgomery	1	1	0	1	0	0
Morgan	1	0	1	0	0	0
New Madrid	1	2	0	1	1	0
Newton	5	2	4	1	1	0
Nodaway	3	1	2	1	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, 2012

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	2	2	0	2	0	0
Osage	0	2	0	0	2	0
Ozark	2	0	2	0	0	0
Pemiscot	0	0	0	0	0	0
Perry	0	0	0	0	0	0
Pettis	3	1	2	1	0	0
Phelps	13	6	8	5	1	0
Pike	1	0	1	0	0	0
Platte	10	6	5	5	1	0
Polk	2	2	1	1	1	0
Pulaski	7	6	2	5	1	0
Putnam	0	0	0	0	0	0
Ralls	4	2	2	2	0	0
Randolph	1	1	0	1	0	0
Ray	4	1	3	1	0	0
Reynolds	0	1	0	0	1	0
Ripley	1	1	0	1	0	0
St. Charles	20	15	11	9	6	0
St. Clair	1	1	1	0	1	0
St. Francois	9	7	5	4	3	2
Ste. Genevieve	0	0	0	0	0	0
St. Louis City	8	5	4	4	1	1
St. Louis County	45	24	28	17	7	0
Saline	4	1	3	1	0	0
Schuyler	2	1	1	1	0	0
Scotland	0	0	0	0	0	0
Scott	6	4	2	4	0	2
Shannon	2	1	1	1	0	0
Shelby	1	1	0	1	0	0
Stoddard	1	2	0	1	1	0
Stone	6	5	1	5	0	0
Sullivan	1	0	1	0	0	0
Taney	3	3	1	2	1	2
Texas	7	4	3	4	0	0
Vernon	1	2	0	1	1	0
Warren	3	2	1	2	0	0
Washington	3	3	3	0	3	0
Wayne	0	1	0	0	1	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Webster	10	5	6	4	1	0
Worth	0	0	0	0	0	0
Wright	4	4	1	3	1	0
Unknown	0	0	0	0	0	0
<u>Cities w/25k Pop.</u>						
Ballwin	3	3	1	2	1	0
Blue Springs	5	4	2	3	1	0
Cape Girardeau	3	2	2	1	1	0
Chesterfield	4	2	2	2	0	0
Columbia	5	0	5	0	0	0
Florissant	2	1	1	1	0	0
Gladstone	3	1	3	0	1	0
Hazelwood	1	0	1	0	0	0
Independence	13	8	10	3	5	1
Jefferson City	2	6	0	2	4	0
Kirkwood	5	1	4	1	0	0
Lee's Summit	9	4	6	3	1	0
Liberty	1	0	1	0	0	0
Maryland Heights	0	1	0	0	1	0
O'Fallon	3	3	3	0	3	0
Raytown	2	1	2	0	1	0
St. Charles	3	3	1	2	1	0
St. Joseph	10	6	5	5	1	0
St. Louis City	8	5	4	4	1	1
St. Peters	3	3	1	2	1	0
Springfield	18	10	10	8	2	1
University City	2	0	2	0	0	0
Wentzville	3	0	3	0	0	0
Wildwood	2	0	2	0	0	0
<u>Multi-County Cities</u>						
Joplin	4	2	2	2	0	0
...Jasper Co. Part	4	2	2	2	0	0
...Newton Co. Part	0	0	0	0	0	0
Kansas City	25	16	14	11	5	1
...Jackson Co. Part	8	5	6	2	3	1
...Clay Co. Part	12	8	6	6	2	0
...Platte Co. Part	5	3	2	3	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, 2012

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	177	132	98	79	53	8
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	8	4	5	3	1	0
Buchanan	4	3	2	2	1	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	3	0	2	1	0
Carroll	0	0	0	0	0	0
Carter	0	0	0	0	0	0
Cass	0	0	0	0	0	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	5	3	2	3	0	0
Clinton	0	0	0	0	0	0
Cole	3	2	1	2	0	0
Cooper	0	1	0	0	1	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	0	0	0	0	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	0	0	0	0	0	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	0	0	0	0	0	0
Howell	0	0	0	0	0	0
Iron	0	0	0	0	0	0
Jackson	46	26	26	20	6	1
Jasper	0	0	0	0	0	0
Jefferson	1	0	1	0	0	0
Johnson	0	0	0	0	0	0
Knox	0	0	0	0	0	0
Laclede	1	0	1	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	1
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	0	0	0	0	0	0
Mercer	0	0	0	0	0	0
Miller	0	0	0	0	0	0
Mississippi	1	2	1	0	2	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	1	0	1	0	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, 2012

	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	2	1	2	0	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	0	0	0	0	0	0
Polk	0	0	0	0	0	0
Pulaski	2	1	1	1	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	5	4	3	2	2	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	42	48	19	23	25	3
St. Louis County	52	32	32	20	12	3
Saline	0	0	0	0	0	0
Schuyler	0	0	0	0	0	0
Scotland	0	0	0	0	0	0
Scott	0	1	0	0	1	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	0	0	0	0	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	1	0	1	0	0	0
Blue Springs	1	0	1	0	0	0
Cape Girardeau	2	3	0	2	1	0
Chesterfield	1	0	1	0	0	0
Columbia	2	1	1	1	0	0
Florissant	2	2	1	1	1	0
Gladstone	2	2	0	2	0	0
Hazelwood	3	1	2	1	0	0
Independence	2	1	2	0	1	1
Jefferson City	2	1	1	1	0	0
Kirkwood	0	0	0	0	0	0
Lee's Summit	0	0	0	0	0	0
Liberty	0	0	0	0	0	0
Maryland Heights	0	0	0	0	0	0
O'Fallon	0	0	0	0	0	0
Raytown	0	1	0	0	1	0
St. Charles	0	1	0	0	1	0
St. Joseph	4	3	2	2	1	0
St. Louis City	42	48	19	23	25	3
St. Peters	0	0	0	0	0	0
Springfield	0	0	0	0	0	0
University City	3	2	2	1	1	0
Wentzville	2	2	1	1	1	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	45	24	25	20	4	0
...Jackson Co. Part	42	23	23	19	4	0
...Clay Co. Part	3	1	2	1	0	0
...Platte Co. Part	0	0	0	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, 2012

	Number					Rates				
	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	29	15	16	13	2	9.8	5.1*	5.4*	4.4*	0.7*
Northwest	47	24	28	19	5	15.7	8.0	9.3	6.3*	1.7*
Central	92	59	54	38	21	10.5	6.7	6.1	4.3	2.4
Southeast	72	68	31	41	27	10.2	9.6	4.4	5.8	3.8
Southwest	111	70	62	49	21	9.7	6.1	5.4	4.3	1.8
St. Louis Metro	235	166	135	100	66	9.0	6.4	5.2	3.8	2.5
Kansas City Metro	157	94	99	58	36	9.7	5.8	6.1	3.6	2.2
Metro	540	358	319	221	137	9.5	6.3	5.6	3.9	2.4
Non-Metro	203	138	106	97	41	11.1	7.5	5.8	5.3	2.2
State Total	743	496	425	318	178	9.9	6.6	5.6	4.2	2.4

*-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, 2012

	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	27	13	16	11	2	0	0	0	0	0	0	0
Northwest	42	21	25	17	4	1	4	3	2	2	1	0
Central	72	46	42	30	16	2	14	8	8	6	2	0
Southeast	61	56	27	34	22	5	7	8	4	3	5	0
Southwest	93	60	50	43	17	5	1	0	1	0	0	0
St. Louis Metro	113	71	67	46	25	1	100	84	55	45	39	7
Kansas City Metro	88	50	59	29	21	2	51	29	28	23	6	1
Metro	316	199	191	125	74	5	169	125	92	77	48	8
Non-Metro	180	118	95	85	33	11	8	7	6	2	5	0
State Total	496	317	286	210	107	16	177	132	98	79	53	8

Table 23. Resident Infant Deaths and Rates per 1,000 Live Births by Cause of Death by Race and by Age at Death: Missouri, 2012

	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>	317	5.6	210	107	59	71	45	34	49	31	27
White	132	12.3	79	53	15	47	6	11	24	19	10
Black	496	6.6	318	178	81	128	58	50	79	57	42
Total	17	0.3	10	7	1	1	2	6	5	1	1
<u>Infectious Diseases</u> <u>(A00-B99, P35-P39)</u>	9	0.8	4	5	0	0	0	4	2	2	1
White	28	0.4	16	12	1	1	3	11	7	3	2
Black	5	0.1	5	0	1	0	1	3	0	0	0
Total	2	0.2	1	1	0	1	0	0	1	0	0
<u>Nervous System Diseases</u> <u>(G00-G98)</u>	8	0.1	6	2	1	1	1	3	1	0	1
White	5	0.1	2	3	1	0	1	0	0	1	2
Black	5	0.5	1	4	0	0	1	0	2	0	2
Total	12	0.2	3	9	1	0	2	0	3	1	5
<u>Respiratory System Diseases</u> <u>(J00-J99)</u>	10	0.2	1	9	0	0	0	1	1	3	5
White	0	0.0	0	0	0	0	0	0	0	0	0
Black	11	0.1	1	10	0	0	0	1	1	3	6
Total	128	2.3	122	6	43	42	26	10	4	1	1
<u>Perinatal Conditions</u> <u>(P00-P34, P39-P96)</u>	61	5.7	59	2	14	38	3	4	2	0	0
White	210	2.8	201	9	63	86	35	16	7	1	1
Black	77	1.4	55	22	10	26	13	6	13	5	4
Total	15	1.4	10	5	0	7	1	2	1	2	2
<u>Congenital Anomalies</u> <u>(Q00-Q99)</u>	103	1.4	71	32	10	37	14	10	16	9	7
White	8	0.1	2	6	0	0	0	2	5	1	0
Black	5	0.5	0	5	0	0	0	0	4	1	0
Total	14	0.2	2	12	0	0	0	2	9	3	0
<u>Sudden Infant Death Syndrome (R95)</u>	37	0.7	3	34	0	1	0	2	13	14	7
White	19	1.8	1	18	0	0	0	1	6	9	3
Black	62	0.8	4	58	0	1	0	3	21	26	11
Total	8	0.1	1	7	0	0	0	1	2	2	3
<u>Homicide</u> <u>(X85-Y09)</u>	3	0.3	0	3	0	0	0	0	1	1	1
White	11	0.1	1	10	0	0	0	1	3	3	4
Black	22	0.4	9	13	3	1	2	3	6	3	4
Total	13	1.2	3	10	1	1	1	0	5	4	1
<u>All Other Causes</u>	37	0.5	13	24	5	2	3	3	11	8	5

Table 24. Resident Infant Deaths and Rates per 1,000 Live Births by Age of Mother by Birth Order: Missouri, 2012

	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	505	163	205	81	56	6.7	6.6	6.0	7.0	12.2
Under 18	16	14	2	0	0	9.5*	9.5*	10.1*	0.0*	0.0*
18-19	45	30	13	2	0	9.6	8.8	10.7*	27.0*	0.0*
20-24	151	49	74	22	6	7.6	6.0	7.8	11.6	18.3*
25-29	138	40	60	23	15	6.0	5.8	5.4	6.1	12.9*
30-34	96	15	33	28	20	5.4	4.1*	3.7	7.6	12.7
35-39	46	11	17	6	12	6.9	11.7*	5.9*	3.4*	10.6*
40 and Over	13	4	6	0	3	8.6*	22.5*	11.2*	0.0*	7.5*

Table 25. Resident Infant Deaths and Rates per 1,000 Live Births by Birth Weight by Race of Mother - Missouri, 2012

	Mother's Race			Rates		
	All Races	White	Black	All Races	White	Black
All Weights	505	323	132	6.7	5.7	12.3
Under 500 Grams	118	58	48	825.2	816.9	800.0
500-999 Grams	92	58	26	231.2	256.6	183.1
1,000-1,499 Grams	29	20	5	54.1	58.0	33.8*
1,500-1,999 Grams	28	18	7	25.7	24.8*	27.8*
2,000-2,499 Grams	45	32	6	12.3	13.3	7.0*
2,500-2,999 Grams	70	48	16	5.2	5.3	5.8*
3,000-3,499 Grams	65	40	19	2.3	1.9	4.6*
3,500-3,999 Grams	25	23	1	1.2	1.4	0.5*
4,000 or More Grams	14	13	1	2.2*	2.5*	2.3*

Infant death totals in Table 24 and 25 do not agree with the totals in Table 22 and 23 because Tables 24 and 25 include only infant deaths that have been matched with their corresponding birth records. In addition, Table 24 and 25 may include some infant deaths that came in after the cutoff date as explained in the Appendix under "Sources of Vital Records".
 *.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, 2012**

	Total Crude Rate	Total Age-Adjusted Rate	All Races	White, Non-Hisp.	Black, Non-Hisp.	Hispanic, Any Race	Other Races
All causes	926.3	798.2	55,783	49,154	5,565	463	556
Enterocolitis due to Clostridium difficile	3.4	2.9	206	191	11	2	2
Septicemia	12.9	11.0	775	657	99	11	6
HIV / AIDS	1.3	1.2	77	35	39	3	0
Malignant neoplasms	213.1	181.1	12,831	11,261	1,323	96	142
...Colon, rectum, and anus	19.3	16.4	1,160	1,014	121	13	12
...Pancreas	13.0	10.9	782	700	74	1	5
...Trachea, bronchus, and lung	66.0	55.7	3,976	3,553	362	22	38
...Breast	14.3	12.3	860	709	135	6	10
...Cervix uteri, corpus uteri, and ovary	9.5	8.1	573	473	87	6	5
...Prostate	8.4	7.2	506	426	75	2	3
...Urinary tract	10.3	8.8	623	578	35	5	5
...Non-Hodgkin's lymphoma	5.9	5.1	355	320	22	7	4
...Leukemia	8.2	7.0	491	441	35	7	7
...Other malignant neoplasms	58.2	49.5	3,505	3,047	377	27	53
Diabetes mellitus	22.8	19.5	1,371	1,121	210	17	23
Alzheimer's disease	30.8	25.8	1,854	1,731	97	12	11
Parkinson's disease	8.8	7.7	532	497	29	3	3
Diseases of heart	226.0	191.5	13,609	12,116	1,278	93	112
Essential hypertension	8.0	6.7	483	404	72	2	4
Cerebrovascular diseases	49.0	41.6	2,950	2,593	306	16	32
Influenza and pneumonia	20.1	16.9	1,211	1,114	83	6	8
Chronic lower respiratory disease	60.5	51.6	3,642	3,401	210	7	22
Pneumonitis due to solids and liquids	8.4	7.0	503	463	37	0	3
Chronic liver disease and cirrhosis	9.3	8.1	562	505	40	6	11
Nephritis and nephrosis	20.8	17.7	1,252	1,037	186	15	13
Conditions orig. in perinatal period	3.8	4.2	228	140	66	10	12
Congenital anomalies	3.1	3.2	189	142	32	11	4
Symptoms and ill-defined conditions	8.6	7.5	520	471	38	4	6
All other diseases	141.0	120.5	8,490	7,528	814	60	80
Unintentional injuries	50.0	47.8	3,012	2,635	282	53	37
...Motor vehicle crashes	14.1	14.0	849	723	91	23	12
...Falls	11.5	9.8	694	655	23	10	4
...Accidental poisoning	13.7	14.1	824	713	87	12	12
...Other unintentional injuries	10.7	10.0	645	544	81	8	9
Suicide	15.0	14.7	901	830	44	13	14
Homicide	7.1	7.4	429	142	256	22	9
All other external causes	2.6	2.4	156	140	13	1	2

Table 26B. Resident Deaths by Selected Causes of Death by BRFS Region and Metro/Non-Metro Area: Missouri, 2012

	BRFS Region										Metro	Non-Metro
	Central	Kansas City	Northeast	Northwest	St. Louis	Southeast	Southwest					
All causes	6,195	10,261	2,784	2,440	18,303	6,740	9,060	38,645	17,138			
Enterocolitis due to Clostridium difficile	19	33	8	6	69	23	48	142	64			
Septicemia	92	136	36	35	274	90	112	544	231			
HIV / AIDS	5	19	2	1	34	4	12	63	14			
Malignant neoplasms	1,445	2,411	606	546	4,283	1,548	1,992	8,895	3,936			
...Colon, rectum, and anus	111	231	61	58	384	159	156	798	362			
...Pancreas	87	153	40	27	258	84	133	541	241			
...Trachea, bronchus, and lung	454	710	191	181	1,268	552	620	2,667	1,309			
...Breast	98	172	37	27	293	107	126	601	259			
...Cervix uteri, corpus uteri, and ovary	57	107	22	26	214	49	98	422	151			
...Prostate	63	98	32	16	165	55	77	334	172			
...Urinary tract	69	117	30	28	191	76	112	433	190			
...Non-Hodgkin's lymphoma	38	73	16	10	126	33	59	266	89			
...Leukemia	57	84	20	21	182	49	78	364	127			
...Other malignant neoplasms	411	666	157	152	1,202	384	533	2,469	1,036			
Diabetes mellitus	193	238	70	86	455	157	172	925	446			
Alzheimer's disease	191	378	98	67	524	268	328	1,262	592			
Parkinson's disease	53	123	20	20	170	49	97	404	128			
Diseases of heart	1,508	2,178	727	581	4,569	1,692	2,354	9,203	4,406			
Essential hypertension	95	87	23	21	149	44	64	328	155			
Cerebrovascular diseases	340	512	152	155	944	357	490	2,014	936			
Influenza and pneumonia	135	181	67	48	404	152	224	824	387			
Chronic lower respiratory disease	428	728	201	183	971	499	632	2,376	1,266			
Pneumonitis due to solids and liquids	44	94	24	48	174	51	68	344	159			
Chronic liver disease and cirrhosis	72	114	17	12	187	69	91	403	159			
Nephritis and nephrosis	127	237	85	51	401	165	186	844	408			
Conditions orig. in perinatal period	24	43	10	10	82	22	37	165	63			
Congenital anomalies	29	34	7	12	61	23	23	140	49			
Symptoms and ill-defined conditions	57	83	33	26	105	88	128	334	186			
All other diseases	847	1,720	414	388	2,887	917	1,317	6,207	2,283			
Unintentional injuries	341	572	137	104	1,006	363	489	2,100	912			
...Motor vehicle crashes	126	137	53	42	215	121	155	521	328			
...Falls	52	141	22	19	318	54	88	558	136			
...Accidental poisoning	82	170	26	16	310	94	126	612	212			
...Other unintentional injuries	81	124	36	27	163	94	120	409	236			
Suicide	110	190	36	28	297	107	133	652	249			
Homicide	23	134	6	7	195	22	42	372	57			
All other external causes	17	16	5	5	62	30	21	104	52			

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Adair	Andrew	Atchison	Audrain	Barry	Barton	Bates
All causes	226	164	80	282	397	135	209
Enterocolitis due to Clostridium difficile	0	1	0	0	3	1	3
Septicemia	6	4	1	2	3	2	2
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	43	33	19	57	73	38	60
...Colon, rectum, and anus	3	5	2	1	6	6	8
...Pancreas	7	2	0	4	6	2	2
...Trachea, bronchus, and lung	9	11	7	22	33	8	18
...Breast	4	3	1	2	2	6	7
...Cervix uteri, corpus uteri, and ovary	1	3	0	3	5	3	2
...Prostate	4	1	1	3	3	1	5
...Urinary tract	4	1	0	1	0	3	4
...Non-Hodgkin's lymphoma	1	1	0	1	4	2	1
...Leukemia	1	2	1	1	3	0	2
...Other malignant neoplasms	9	4	7	19	11	7	11
Diabetes mellitus	9	4	3	9	3	1	6
Alzheimer's disease	10	9	7	6	15	7	7
Parkinson's disease	1	2	0	3	1	2	0
Diseases of heart	46	42	14	58	120	35	48
Essential hypertension	2	2	0	7	3	2	2
Cerebrovascular diseases	19	9	3	14	27	5	13
Influenza and pneumonia	5	4	4	6	6	5	4
Chronic lower respiratory disease	15	8	12	32	25	4	16
Pneumonitis due to solids and liquids	3	0	1	4	3	0	0
Chronic liver disease and cirrhosis	2	0	0	3	2	2	3
Nephritis and nephrosis	9	1	1	4	10	2	6
Conditions orig. in perinatal period	3	3	0	0	1	1	0
Congenital anomalies	0	1	0	0	1	0	0
Symptoms and ill-defined conditions	2	3	2	5	9	0	3
All other diseases	38	26	10	49	57	14	20
Unintentional injuries	10	9	3	15	27	9	10
...Motor vehicle crashes	3	6	1	6	9	1	1
...Falls	1	0	1	3	3	1	0
...Accidental poisoning	4	0	0	4	9	2	6
...Other unintentional injuries	2	3	1	2	6	5	3
Suicide	3	2	0	8	6	2	6
Homicide	0	1	0	0	1	2	0
All other external causes	0	0	0	0	1	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Benton	Bollinger	Boone	Buchanan	Butler	Caldwell	Callaway
All causes	292	134	956	979	516	112	353
Enterocolitis due to Clostridium difficile	0	0	3	0	2	1	1
Septicemia	2	1	21	8	11	3	9
HIV / AIDS	0	0	1	0	1	0	0
Malignant neoplasms	82	33	213	222	116	31	85
...Colon, rectum, and anus	7	4	17	22	10	3	8
...Pancreas	3	1	10	10	8	1	6
...Trachea, bronchus, and lung	27	14	55	81	44	10	31
...Breast	5	0	13	9	7	0	2
...Cervix uteri, corpus uteri, and ovary	6	1	16	10	4	2	2
...Prostate	3	4	8	5	1	1	3
...Urinary tract	5	1	12	9	10	1	6
...Non-Hodgkin's lymphoma	4	0	9	2	3	1	5
...Leukemia	2	1	7	11	7	1	6
...Other malignant neoplasms	20	7	66	63	22	11	16
Diabetes mellitus	9	2	25	44	19	2	7
Alzheimer's disease	10	6	37	30	37	1	7
Parkinson's disease	0	0	8	7	6	0	6
Diseases of heart	80	32	192	211	104	28	83
Essential hypertension	4	0	13	11	0	1	6
Cerebrovascular diseases	14	4	61	66	35	6	18
Influenza and pneumonia	4	5	18	18	16	3	7
Chronic lower respiratory disease	19	10	50	76	35	9	23
Pneumonitis due to solids and liquids	1	2	8	4	4	0	6
Chronic liver disease and cirrhosis	2	0	7	8	10	1	6
Nephritis and nephrosis	1	1	20	19	10	3	3
Conditions orig. in perinatal period	0	0	3	2	1	0	2
Congenital anomalies	0	0	3	6	0	0	4
Symptoms and ill-defined conditions	2	3	7	7	2	0	7
All other diseases	39	19	185	187	60	13	48
Unintentional injuries	13	12	56	41	33	7	15
...Motor vehicle crashes	2	6	18	14	8	5	5
...Falls	0	1	5	7	4	1	1
...Accidental poisoning	7	1	18	9	10	1	8
...Other unintentional injuries	4	4	15	11	11	0	1
Suicide	7	3	21	8	10	2	4
Homicide	3	1	3	2	1	0	4
All other external causes	0	0	1	2	3	1	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Camden	Cape Girardeau	Carroll	Carter	Cass	Cedar	Chariton
All causes	466	719	134	65	890	201	88
Enterocolitis due to Clostridium difficile	3	4	1	1	0	1	0
Septicemia	9	8	2	2	14	3	0
HIV / AIDS	0	0	0	0	0	2	0
Malignant neoplasms	123	157	32	19	238	36	19
...Colon, rectum, and anus	4	16	4	3	22	4	1
...Pancreas	3	7	2	0	12	3	0
...Trachea, bronchus, and lung	47	51	12	4	65	8	9
...Breast	11	13	3	0	19	2	1
...Cervix uteri, corpus uteri, and ovary	4	9	0	2	15	1	2
...Prostate	6	1	0	0	9	2	0
...Urinary tract	6	13	5	1	18	2	0
...Non-Hodgkin's lymphoma	1	4	1	0	8	2	0
...Leukemia	3	5	0	1	8	0	1
...Other malignant neoplasms	38	38	5	8	62	12	5
Diabetes mellitus	9	10	1	0	24	8	3
Alzheimer's disease	16	37	2	3	56	5	3
Parkinson's disease	2	6	1	0	8	1	1
Diseases of heart	115	195	43	12	170	53	25
Essential hypertension	0	0	0	0	15	3	0
Cerebrovascular diseases	13	34	7	3	51	11	3
Influenza and pneumonia	7	16	7	1	13	7	1
Chronic lower respiratory disease	43	35	10	4	67	13	6
Pneumonitis due to solids and liquids	5	6	2	0	9	2	1
Chronic liver disease and cirrhosis	16	7	2	0	9	0	0
Nephritis and nephrosis	10	23	1	3	19	7	3
Conditions orig. in perinatal period	1	3	0	0	1	1	0
Congenital anomalies	0	3	0	0	4	0	0
Symptoms and ill-defined conditions	4	15	1	0	11	2	3
All other diseases	51	123	16	11	123	34	15
Unintentional injuries	31	21	6	4	40	10	5
...Motor vehicle crashes	9	8	1	0	9	2	2
...Falls	5	6	2	0	12	2	1
...Accidental poisoning	6	3	3	1	7	5	1
...Other unintentional injuries	11	4	0	3	12	1	1
Suicide	6	12	0	2	15	2	0
Homicide	0	1	0	0	1	0	0
All other external causes	2	3	0	0	2	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Christian	Clark	Clay	Clinton	Cole	Cooper	Crawford
All causes	557	89	1,580	239	608	186	268
Enterocolitis due to Clostridium difficile	2	0	6	1	1	0	0
Septicemia	10	0	14	1	3	6	5
HIV / AIDS	0	0	0	0	1	1	0
Malignant neoplasms	118	23	374	53	137	39	68
...Colon, rectum, and anus	5	2	32	3	11	4	4
...Pancreas	10	0	34	3	7	5	3
...Trachea, bronchus, and lung	39	9	127	14	42	11	24
...Breast	13	2	23	3	13	1	2
...Cervix uteri, corpus uteri, and ovary	3	0	15	0	6	3	3
...Prostate	3	1	13	1	3	3	1
...Urinary tract	6	0	17	7	5	1	4
...Non-Hodgkin's lymphoma	9	0	11	1	4	0	3
...Leukemia	4	1	13	3	9	2	3
...Other malignant neoplasms	26	8	89	18	37	9	21
Diabetes mellitus	7	3	42	5	21	5	5
Alzheimer's disease	27	3	43	9	28	5	9
Parkinson's disease	7	0	21	4	4	1	1
Diseases of heart	119	29	331	51	147	49	75
Essential hypertension	6	5	13	0	7	1	0
Cerebrovascular diseases	37	5	63	11	31	10	18
Influenza and pneumonia	14	2	22	4	12	6	8
Chronic lower respiratory disease	37	7	118	22	47	9	19
Pneumonitis due to solids and liquids	5	0	19	2	3	4	1
Chronic liver disease and cirrhosis	4	0	20	1	4	2	2
Nephritis and nephrosis	9	4	27	5	13	3	7
Conditions orig. in perinatal period	3	0	9	1	5	0	0
Congenital anomalies	2	0	8	1	5	2	0
Symptoms and ill-defined conditions	11	0	14	1	3	1	2
All other diseases	77	4	300	47	91	29	26
Unintentional injuries	46	4	88	13	28	10	18
...Motor vehicle crashes	14	1	22	3	4	2	9
...Falls	7	1	26	2	7	2	3
...Accidental poisoning	16	0	25	6	7	2	3
...Other unintentional injuries	9	2	15	2	10	4	3
Suicide	14	0	36	4	15	2	4
Homicide	0	0	11	2	1	1	0
All other external causes	2	0	1	1	1	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Dade	Dallas	Davies	DeKalb	Dent	Douglas	Dunklin
All causes	86	162	90	131	185	140	453
Enterocolitis due to Clostridium difficile	0	0	1	1	1	0	2
Septicemia	1	0	1	3	0	2	7
HIV / AIDS	0	0	0	1	0	0	0
Malignant neoplasms	20	31	26	19	40	30	96
...Colon, rectum, and anus	1	4	4	0	4	4	11
...Pancreas	1	1	0	0	4	1	5
...Trachea, bronchus, and lung	1	12	9	6	10	7	31
...Breast	2	1	1	1	3	4	12
...Cervix uteri, corpus uteri, and ovary	0	2	3	0	0	0	4
...Prostate	3	2	0	1	1	4	4
...Urinary tract	1	1	3	0	3	0	4
...Non-Hodgkin's lymphoma	0	0	1	0	2	0	2
...Leukemia	1	2	0	1	1	2	1
...Other malignant neoplasms	10	6	5	10	12	8	22
Diabetes mellitus	5	5	3	7	11	5	7
Alzheimer's disease	5	5	3	1	7	6	20
Parkinson's disease	1	4	1	0	4	1	3
Diseases of heart	21	43	18	39	47	29	111
Essential hypertension	0	1	1	1	4	7	1
Cerebrovascular diseases	2	8	9	9	7	3	25
Influenza and pneumonia	1	6	2	0	9	1	10
Chronic lower respiratory disease	6	15	8	13	17	18	30
Pneumonitis due to solids and liquids	1	0	0	2	0	1	5
Chronic liver disease and cirrhosis	1	5	0	1	1	1	6
Nephritis and nephrosis	1	4	3	6	2	2	11
Conditions orig. in perinatal period	0	0	0	2	0	0	2
Congenital anomalies	1	0	0	1	1	1	3
Symptoms and ill-defined conditions	0	2	0	1	2	2	21
All other diseases	12	28	7	20	16	18	57
Unintentional injuries	7	3	4	2	11	10	30
...Motor vehicle crashes	5	0	2	0	7	5	7
...Falls	0	0	1	1	1	1	6
...Accidental poisoning	1	1	1	0	1	1	12
...Other unintentional injuries	1	2	0	1	2	3	5
Suicide	1	1	2	2	2	3	6
Homicide	0	1	0	0	0	0	0
All other external causes	0	0	1	0	3	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Franklin	Gasconade	Gentry	Greene	Grundy	Harrison	Henry
All causes	968	205	94	2,530	117	112	322
Enterocolitis due to Clostridium difficile	5	1	0	18	1	0	0
Septicemia	14	1	0	30	0	1	6
HIV / AIDS	1	0	0	5	0	0	0
Malignant neoplasms	221	50	17	565	27	22	73
...Colon, rectum, and anus	17	5	1	42	0	5	5
...Pancreas	15	3	3	35	2	1	3
...Trachea, bronchus, and lung	62	8	5	163	9	8	26
...Breast	8	5	0	40	2	1	6
...Cervix uteri, corpus uteri, and ovary	10	2	3	24	3	0	6
...Prostate	7	4	0	17	1	0	4
...Urinary tract	8	3	1	42	2	0	1
...Non-Hodgkin's lymphoma	11	3	1	15	1	1	1
...Leukemia	12	2	0	27	1	2	2
...Other malignant neoplasms	71	15	3	160	6	4	19
Diabetes mellitus	24	10	3	39	1	2	13
Alzheimer's disease	48	6	1	98	6	6	13
Parkinson's disease	7	3	0	39	2	0	3
Diseases of heart	222	49	35	589	37	30	86
Essential hypertension	4	1	2	17	1	0	2
Cerebrovascular diseases	48	7	5	145	3	4	19
Influenza and pneumonia	27	3	0	66	2	1	7
Chronic lower respiratory disease	64	16	6	155	8	12	21
Pneumonitis due to solids and liquids	3	0	2	19	2	2	3
Chronic liver disease and cirrhosis	10	2	1	36	0	0	2
Nephritis and nephrosis	10	2	4	54	4	1	4
Conditions orig. in perinatal period	2	0	0	8	0	0	3
Congenital anomalies	2	0	1	6	0	1	0
Symptoms and ill-defined conditions	11	3	0	27	1	6	1
All other diseases	136	33	11	397	16	12	43
Unintentional injuries	71	14	4	155	4	7	19
...Motor vehicle crashes	25	5	2	39	0	2	11
...Falls	21	3	1	40	1	1	4
...Accidental poisoning	12	6	1	45	1	1	1
...Other unintentional injuries	13	0	0	31	2	3	3
Suicide	25	4	2	35	0	3	3
Homicide	4	0	0	16	1	2	1
All other external causes	9	0	0	11	1	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Hickory	Holt	Howard	Howell	Iron	Jackson	Jasper
All causes	141	69	81	479	133	6,022	1,108
Enterocolitis due to Clostridium difficile	1	0	0	2	0	19	2
Septicemia	0	3	1	4	3	87	20
HIV / AIDS	0	0	0	0	0	18	1
Malignant neoplasms	34	16	13	116	27	1,369	241
...Colon, rectum, and anus	2	4	0	13	4	126	21
...Pancreas	2	1	2	10	1	81	22
...Trachea, bronchus, and lung	10	5	3	37	13	398	85
...Breast	1	1	0	6	1	98	9
...Cervix uteri, corpus uteri, and ovary	1	0	0	2	0	58	14
...Prostate	1	2	1	3	0	61	5
...Urinary tract	1	1	3	5	3	54	11
...Non-Hodgkin's lymphoma	0	0	0	5	0	39	7
...Leukemia	3	0	0	4	0	47	10
...Other malignant neoplasms	13	2	4	31	5	407	57
Diabetes mellitus	9	3	3	13	4	138	23
Alzheimer's disease	0	0	1	24	1	215	27
Parkinson's disease	0	3	0	5	0	69	9
Diseases of heart	32	11	21	92	31	1,293	329
Essential hypertension	1	0	0	2	1	44	6
Cerebrovascular diseases	6	5	10	40	8	308	50
Influenza and pneumonia	5	2	0	7	4	111	29
Chronic lower respiratory disease	15	4	3	44	16	415	79
Pneumonitis due to solids and liquids	0	3	0	3	2	43	9
Chronic liver disease and cirrhosis	2	0	0	3	0	67	12
Nephritis and nephrosis	4	4	2	6	2	153	26
Conditions orig. in perinatal period	0	0	0	1	0	28	5
Congenital anomalies	1	0	0	3	0	16	2
Symptoms and ill-defined conditions	1	3	3	3	1	43	14
All other diseases	21	9	18	74	17	1,017	151
Unintentional injuries	8	2	4	25	9	339	53
...Motor vehicle crashes	1	1	2	13	3	82	18
...Falls	1	0	1	4	3	82	10
...Accidental poisoning	2	0	1	3	1	103	11
...Other unintentional injuries	4	1	0	5	2	72	14
Suicide	1	1	2	9	4	108	14
Homicide	0	0	0	3	1	112	4
All other external causes	0	0	0	0	2	10	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Jefferson	Johnson	Knox	Laclede	Lafayette	Lawrence	Lewis
All causes	1,839	375	55	399	351	420	128
Enterocolitis due to Clostridium difficile	4	1	0	5	2	2	0
Septicemia	22	7	1	10	8	3	0
HIV / AIDS	1	0	0	0	0	1	0
Malignant neoplasms	445	94	15	94	78	86	39
...Colon, rectum, and anus	27	7	3	11	13	6	2
...Pancreas	26	8	0	5	5	7	2
...Trachea, bronchus, and lung	171	22	7	27	22	28	12
...Breast	30	5	0	11	8	5	0
...Cervix uteri, corpus uteri, and ovary	15	4	0	3	6	8	0
...Prostate	14	5	0	6	2	3	2
...Urinary tract	21	4	0	5	1	5	1
...Non-Hodgkin's lymphoma	16	2	0	2	2	1	2
...Leukemia	17	3	0	2	2	3	2
...Other malignant neoplasms	108	34	5	22	17	20	16
Diabetes mellitus	40	8	2	19	6	5	5
Alzheimer's disease	53	3	2	10	8	22	0
Parkinson's disease	13	4	0	4	5	7	2
Diseases of heart	422	84	11	115	98	100	40
Essential hypertension	11	0	1	4	4	4	1
Cerebrovascular diseases	97	23	3	14	19	23	12
Influenza and pneumonia	37	6	0	14	7	16	1
Chronic lower respiratory disease	127	24	2	29	31	34	9
Pneumonitis due to solids and liquids	16	31	0	1	3	6	0
Chronic liver disease and cirrhosis	22	0	0	5	5	1	0
Nephritis and nephrosis	31	7	3	12	6	11	5
Conditions orig. in perinatal period	6	2	1	1	0	2	0
Congenital anomalies	9	1	0	0	1	1	0
Symptoms and ill-defined conditions	12	1	1	5	5	6	1
All other diseases	264	58	9	36	42	70	8
Unintentional injuries	146	17	2	15	14	14	5
...Motor vehicle crashes	44	11	1	3	2	3	3
...Falls	38	2	0	1	3	2	1
...Accidental poisoning	51	0	0	4	5	4	0
...Other unintentional injuries	13	4	1	7	4	5	1
Suicide	46	1	1	5	5	3	0
Homicide	7	2	1	1	4	2	0
All other external causes	8	1	0	0	0	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Lincoln	Linn	Livingston	McDonald	Macon	Madison	Maries
All causes	404	157	185	205	208	154	85
Enterocolitis due to Clostridium difficile	1	1	2	0	0	0	0
Septicemia	3	3	2	2	1	1	1
HIV / AIDS	0	0	0	1	0	0	0
Malignant neoplasms	96	26	46	38	31	29	22
...Colon, rectum, and anus	9	2	7	2	4	1	3
...Pancreas	5	1	3	1	2	1	1
...Trachea, bronchus, and lung	37	10	14	12	7	15	8
...Breast	4	0	4	2	2	2	1
...Cervix uteri, corpus uteri, and ovary	6	0	4	3	1	0	1
...Prostate	1	2	2	2	3	1	1
...Urinary tract	5	2	1	2	1	0	0
...Non-Hodgkin's lymphoma	0	0	1	1	2	1	0
...Leukemia	2	2	3	0	0	1	1
...Other malignant neoplasms	27	7	7	13	9	7	6
Diabetes mellitus	8	3	3	1	9	5	2
Alzheimer's disease	24	5	13	4	4	9	2
Parkinson's disease	2	0	4	0	2	1	0
Diseases of heart	110	50	40	58	50	46	24
Essential hypertension	2	1	1	0	1	2	1
Cerebrovascular diseases	23	11	6	14	13	5	8
Influenza and pneumonia	10	0	4	5	8	2	1
Chronic lower respiratory disease	22	14	16	9	7	13	2
Pneumonitis due to solids and liquids	6	1	3	1	3	3	2
Chronic liver disease and cirrhosis	2	2	1	2	1	1	0
Nephritis and nephrosis	11	7	2	4	11	4	1
Conditions orig. in perinatal period	1	0	1	3	0	2	0
Congenital anomalies	1	0	1	0	0	0	0
Symptoms and ill-defined conditions	4	2	2	14	6	1	1
All other diseases	42	18	32	32	44	22	12
Unintentional injuries	26	7	5	11	9	7	2
...Motor vehicle crashes	10	2	3	6	1	0	2
...Falls	4	2	1	2	2	2	0
...Accidental poisoning	8	0	1	0	4	3	0
...Other unintentional injuries	4	3	0	3	2	2	0
Suicide	8	4	1	4	8	1	3
Homicide	1	1	0	2	0	0	0
All other external causes	1	1	0	0	0	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Marion	Mercer	Miller	Mississippi	Moniteau	Monroe	Montgomery
All causes	293	48	273	193	145	74	135
Enterocolitis due to Clostridium difficile	0	0	1	0	0	0	1
Septicemia	5	2	1	3	2	0	1
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	55	9	71	50	31	11	24
...Colon, rectum, and anus	6	0	7	4	2	1	1
...Pancreas	4	1	5	2	2	0	1
...Trachea, bronchus, and lung	16	5	22	24	10	5	8
...Breast	3	0	3	2	2	1	1
...Cervix uteri, corpus uteri, and ovary	4	0	1	0	1	0	1
...Prostate	4	0	4	2	0	0	0
...Urinary tract	4	0	4	0	2	0	2
...Non-Hodgkin's lymphoma	1	0	2	0	1	0	0
...Leukemia	1	0	2	2	1	1	3
...Other malignant neoplasms	12	3	21	14	10	3	7
Diabetes mellitus	1	2	8	4	15	1	5
Alzheimer's disease	19	1	12	6	0	2	0
Parkinson's disease	1	0	3	1	1	0	3
Diseases of heart	84	14	66	62	32	17	42
Essential hypertension	2	1	13	0	17	0	3
Cerebrovascular diseases	16	2	9	13	2	4	6
Influenza and pneumonia	12	4	2	4	0	3	2
Chronic lower respiratory disease	24	2	19	7	13	10	12
Pneumonitis due to solids and liquids	4	0	1	1	1	0	1
Chronic liver disease and cirrhosis	1	0	4	4	0	1	1
Nephritis and nephrosis	6	2	4	4	0	3	2
Conditions orig. in perinatal period	0	0	3	1	0	0	1
Congenital anomalies	2	1	1	0	4	1	0
Symptoms and ill-defined conditions	2	1	2	1	1	2	1
All other diseases	41	6	32	21	21	15	21
Unintentional injuries	15	1	17	8	3	3	7
...Motor vehicle crashes	6	0	13	2	1	1	3
...Falls	2	1	3	1	0	0	3
...Accidental poisoning	4	0	0	0	0	1	0
...Other unintentional injuries	3	0	1	5	2	1	1
Suicide	1	0	4	1	2	1	2
Homicide	1	0	0	1	0	0	0
All other external causes	1	0	0	1	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Morgan	New Madrid	Newton	Nodaway	Oregon	Osage	Ozark
All causes	296	255	619	188	135	138	124
Enterocolitis due to Clostridium difficile	1	1	5	1	1	1	1
Septicemia	7	4	11	3	1	1	3
HIV / AIDS	1	0	0	0	2	0	0
Malignant neoplasms	73	69	129	42	30	35	31
...Colon, rectum, and anus	8	12	8	4	0	2	4
...Pancreas	4	4	10	0	3	2	1
...Trachea, bronchus, and lung	30	22	34	14	10	11	11
...Breast	2	3	9	2	2	2	4
...Cervix uteri, corpus uteri, and ovary	2	2	2	2	1	1	1
...Prostate	3	4	2	1	0	1	4
...Urinary tract	2	3	8	3	0	0	1
...Non-Hodgkin's lymphoma	2	0	2	1	2	1	0
...Leukemia	2	1	4	1	2	3	2
...Other malignant neoplasms	18	18	50	14	10	12	3
Diabetes mellitus	11	5	6	8	1	6	3
Alzheimer's disease	5	8	14	5	5	1	4
Parkinson's disease	1	0	7	2	1	3	0
Diseases of heart	67	85	161	51	43	43	25
Essential hypertension	10	3	1	4	2	1	0
Cerebrovascular diseases	23	9	36	13	7	2	9
Influenza and pneumonia	3	4	23	4	4	2	5
Chronic lower respiratory disease	23	17	45	9	5	10	6
Pneumonitis due to solids and liquids	0	1	3	1	1	4	1
Chronic liver disease and cirrhosis	7	2	5	0	0	2	2
Nephritis and nephrosis	6	6	10	1	0	0	4
Conditions orig. in perinatal period	0	1	1	1	2	0	0
Congenital anomalies	0	0	1	1	1	3	1
Symptoms and ill-defined conditions	3	0	19	2	2	3	7
All other diseases	38	23	102	27	15	11	11
Unintentional injuries	9	9	24	6	6	9	8
...Motor vehicle crashes	1	4	8	1	4	3	3
...Falls	1	3	10	2	0	1	0
...Accidental poisoning	3	0	1	1	1	3	3
...Other unintentional injuries	4	2	5	2	1	2	2
Suicide	4	2	12	6	4	1	2
Homicide	3	4	3	0	1	0	1
All other external causes	1	2	1	1	1	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Pemiscot	Perry	Pettis	Phelps	Pike	Platte	Polk
All causes	226	193	401	433	187	607	321
Enterocolitis due to Clostridium difficile	0	0	0	0	0	0	1
Septicemia	5	3	1	5	0	3	2
HIV / AIDS	1	0	1	0	0	1	0
Malignant neoplasms	55	44	108	81	43	141	54
...Colon, rectum, and anus	6	6	6	7	5	13	4
...Pancreas	1	2	7	8	2	12	0
...Trachea, bronchus, and lung	23	16	24	32	16	34	18
...Breast	2	3	12	4	2	9	2
...Cervix uteri, corpus uteri, and ovary	0	1	4	2	2	5	2
...Prostate	1	0	6	8	3	5	5
...Urinary tract	2	1	6	1	2	10	1
...Non-Hodgkin's lymphoma	2	2	1	1	1	8	4
...Leukemia	0	1	7	1	0	3	1
...Other malignant neoplasms	18	12	35	17	10	42	17
Diabetes mellitus	3	4	12	6	3	11	9
Alzheimer's disease	4	12	11	27	6	36	10
Parkinson's disease	1	5	2	2	1	10	6
Diseases of heart	69	41	91	120	55	113	72
Essential hypertension	0	1	2	3	2	6	4
Cerebrovascular diseases	5	8	37	32	9	32	14
Influenza and pneumonia	3	4	12	13	5	10	8
Chronic lower respiratory disease	22	12	21	26	15	36	34
Pneumonitis due to solids and liquids	2	4	2	1	0	10	3
Chronic liver disease and cirrhosis	3	2	5	1	2	7	1
Nephritis and nephrosis	8	1	9	14	6	12	8
Conditions orig. in perinatal period	0	0	1	2	0	4	0
Congenital anomalies	0	1	2	1	0	3	3
Symptoms and ill-defined conditions	6	2	2	1	4	5	4
All other diseases	20	36	51	49	24	114	61
Unintentional injuries	16	11	21	41	9	45	18
...Motor vehicle crashes	3	6	8	18	5	8	10
...Falls	3	3	6	4	2	10	1
...Accidental poisoning	6	1	4	11	0	16	5
...Other unintentional injuries	4	1	3	8	2	11	2
Suicide	3	2	8	3	3	6	8
Homicide	0	0	1	2	0	2	1
All other external causes	0	0	1	3	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds	Ripley
All causes	300	72	89	273	251	66	176
Enterocolitis due to Clostridium difficile	0	0	0	3	1	0	0
Septicemia	6	0	0	9	4	0	0
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	81	18	26	60	67	16	39
...Colon, rectum, and anus	6	0	2	4	11	2	2
...Pancreas	5	2	1	5	3	1	0
...Trachea, bronchus, and lung	29	5	9	21	22	5	22
...Breast	8	0	2	4	5	1	2
...Cervix uteri, corpus uteri, and ovary	2	0	0	1	4	0	0
...Prostate	1	2	1	2	1	1	2
...Urinary tract	3	2	1	3	5	1	1
...Non-Hodgkin's lymphoma	0	0	1	1	2	0	0
...Leukemia	1	1	1	1	5	1	1
...Other malignant neoplasms	26	6	8	18	9	4	9
Diabetes mellitus	4	4	1	13	4	4	5
Alzheimer's disease	1	3	1	4	3	2	3
Parkinson's disease	2	0	1	2	6	1	1
Diseases of heart	72	19	19	45	46	14	62
Essential hypertension	2	1	0	2	2	0	2
Cerebrovascular diseases	18	2	5	11	9	1	8
Influenza and pneumonia	10	2	2	6	7	1	4
Chronic lower respiratory disease	14	5	8	26	14	8	12
Pneumonitis due to solids and liquids	0	0	0	5	8	0	1
Chronic liver disease and cirrhosis	4	0	0	1	1	0	1
Nephritis and nephrosis	13	0	1	8	6	2	5
Conditions orig. in perinatal period	5	0	1	1	0	0	0
Congenital anomalies	3	0	1	0	1	0	0
Symptoms and ill-defined conditions	1	0	1	2	1	0	2
All other diseases	30	12	15	51	44	7	21
Unintentional injuries	15	5	5	18	16	9	7
...Motor vehicle crashes	7	2	2	9	5	4	5
...Falls	2	1	1	4	5	1	1
...Accidental poisoning	1	0	2	2	1	0	0
...Other unintentional injuries	5	2	0	3	5	4	1
Suicide	10	1	2	5	8	0	1
Homicide	7	0	0	1	2	1	0
All other external causes	2	0	0	0	1	0	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	St. Charles	St. Clair	St. Francois	Ste. Genevieve	St. Louis City	St. Louis County	Saline
All causes	2,325	140	796	190	2,911	9,364	228
Enterocolitis due to Clostridium difficile	8	0	5	0	14	37	1
Septicemia	31	2	14	1	57	140	4
HIV / AIDS	1	0	0	0	16	15	1
Malignant neoplasms	610	35	178	45	665	2,121	53
...Colon, rectum, and anus	50	3	15	6	75	198	7
...Pancreas	30	1	12	2	36	137	4
...Trachea, bronchus, and lung	170	13	62	15	196	585	11
...Breast	39	2	12	2	46	158	5
...Cervix uteri, corpus uteri, and ovary	26	3	6	1	31	121	3
...Prostate	29	2	7	3	31	80	1
...Urinary tract	32	1	8	2	21	100	4
...Non-Hodgkin's lymphoma	18	0	3	1	13	65	3
...Leukemia	30	0	6	0	25	88	3
...Other malignant neoplasms	186	10	47	13	191	589	12
Diabetes mellitus	56	6	24	3	87	228	7
Alzheimer's disease	61	3	24	10	62	260	5
Parkinson's disease	23	1	4	2	17	105	1
Diseases of heart	523	43	212	56	718	2,432	75
Essential hypertension	26	0	5	3	33	73	1
Cerebrovascular diseases	106	10	32	14	134	514	7
Influenza and pneumonia	43	3	15	1	58	222	2
Chronic lower respiratory disease	136	14	71	13	142	454	15
Pneumonitis due to solids and liquids	23	1	2	0	16	106	0
Chronic liver disease and cirrhosis	25	1	7	2	35	87	2
Nephritis and nephrosis	41	3	23	2	63	235	2
Conditions orig. in perinatal period	11	0	3	0	27	31	1
Congenital anomalies	8	0	2	0	16	25	1
Symptoms and ill-defined conditions	12	2	6	1	14	50	0
All other diseases	372	11	93	26	428	1,583	32
Unintentional injuries	151	3	52	8	181	402	12
...Motor vehicle crashes	22	0	11	2	34	69	4
...Falls	76	0	8	1	25	149	0
...Accidental poisoning	39	0	27	4	68	127	4
...Other unintentional injuries	14	3	6	1	54	57	4
Suicide	41	1	16	2	31	134	4
Homicide	6	1	0	0	93	82	1
All other external causes	11	0	8	1	4	28	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Schuyler	Scotland	Scott	Shannon	Shelby	Stoddard	Stone
All causes	51	52	422	91	78	367	355
Enterocolitis due to Clostridium difficile	0	0	0	0	0	0	4
Septicemia	0	2	4	0	0	5	4
HIV / AIDS	0	0	0	0	1	0	0
Malignant neoplasms	17	13	94	20	12	82	83
...Colon, rectum, and anus	2	4	8	1	1	12	9
...Pancreas	0	0	2	3	1	4	4
...Trachea, bronchus, and lung	4	4	33	4	3	29	24
...Breast	0	1	11	3	3	5	5
...Cervix uteri, corpus uteri, and ovary	0	0	4	1	1	1	6
...Prostate	2	2	2	1	0	2	3
...Urinary tract	2	1	2	2	0	4	4
...Non-Hodgkin's lymphoma	1	0	2	1	1	0	2
...Leukemia	0	0	2	0	1	3	5
...Other malignant neoplasms	6	1	28	4	1	22	21
Diabetes mellitus	0	0	9	1	0	12	6
Alzheimer's disease	3	2	12	0	3	9	16
Parkinson's disease	0	1	3	0	1	3	4
Diseases of heart	8	14	108	24	24	91	99
Essential hypertension	0	0	4	0	0	8	3
Cerebrovascular diseases	6	1	22	6	8	27	18
Influenza and pneumonia	3	3	7	3	0	8	2
Chronic lower respiratory disease	1	2	30	6	5	29	22
Pneumonitis due to solids and liquids	0	0	0	1	0	2	1
Chronic liver disease and cirrhosis	1	1	4	1	2	3	1
Nephritis and nephrosis	1	2	10	3	4	5	7
Conditions orig. in perinatal period	1	0	3	0	1	1	5
Congenital anomalies	0	0	2	1	0	0	0
Symptoms and ill-defined conditions	0	1	3	2	1	2	5
All other diseases	4	8	80	12	11	55	46
Unintentional injuries	5	1	15	9	5	16	23
...Motor vehicle crashes	3	0	6	3	2	6	11
...Falls	0	0	0	0	0	1	1
...Accidental poisoning	0	0	4	1	1	6	4
...Other unintentional injuries	2	1	5	5	2	3	7
Suicide	1	0	9	1	0	4	5
Homicide	0	0	2	0	0	1	1
All other external causes	0	1	1	1	0	4	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Sullivan	Taney	Texas	Vernon	Warren	Washington	Wayne
All causes	86	533	304	234	270	222	184
Enterocolitis due to Clostridium difficile	0	7	2	0	0	0	0
Septicemia	1	9	4	1	5	2	2
HIV / AIDS	0	1	0	0	0	0	0
Malignant neoplasms	20	142	68	48	69	56	52
...Colon, rectum, and anus	5	7	4	4	4	4	6
...Pancreas	3	15	7	5	6	3	2
...Trachea, bronchus, and lung	6	48	23	14	23	24	16
...Breast	1	7	3	4	7	1	4
...Cervix uteri, corpus uteri, and ovary	0	6	3	1	2	3	3
...Prostate	0	5	4	3	1	2	3
...Urinary tract	0	14	7	2	2	2	2
...Non-Hodgkin's lymphoma	0	3	2	0	1	2	3
...Leukemia	0	5	4	1	5	3	1
...Other malignant neoplasms	5	32	11	14	18	12	12
Diabetes mellitus	0	9	5	3	7	5	8
Alzheimer's disease	3	22	9	6	8	8	8
Parkinson's disease	0	1	2	2	2	1	2
Diseases of heart	25	153	56	74	66	76	36
Essential hypertension	1	2	3	5	0	0	0
Cerebrovascular diseases	6	23	18	11	12	10	11
Influenza and pneumonia	2	10	15	1	5	2	5
Chronic lower respiratory disease	4	38	26	19	14	12	10
Pneumonitis due to solids and liquids	2	8	6	0	4	0	2
Chronic liver disease and cirrhosis	0	7	2	2	3	3	3
Nephritis and nephrosis	2	7	16	5	7	3	6
Conditions orig. in perinatal period	0	1	2	1	4	0	0
Congenital anomalies	0	2	2	1	0	0	0
Symptoms and ill-defined conditions	1	3	2	3	2	0	2
All other diseases	11	66	43	33	41	21	26
Unintentional injuries	7	16	18	16	12	17	7
...Motor vehicle crashes	3	2	5	6	1	10	2
...Falls	1	3	2	1	3	2	0
...Accidental poisoning	1	7	2	2	3	2	3
...Other unintentional injuries	2	4	9	7	5	3	2
Suicide	1	5	3	2	8	4	3
Homicide	0	1	1	0	1	1	1
All other external causes	0	0	1	1	0	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2012

	Webster	Worth	Wright	Unknown
All causes	302	24	225	0
Enterocolitis due to Clostridium difficile	1	0	2	0
Septicemia	1	2	2	0
HIV / AIDS	1	0	0	0
Malignant neoplasms	66	4	52	0
...Colon, rectum, and anus	10	0	5	0
...Pancreas	2	0	4	0
...Trachea, bronchus, and lung	17	1	21	0
...Breast	3	0	3	0
...Cervix uteri, corpus uteri, and ovary	2	1	3	0
...Prostate	8	0	1	0
...Urinary tract	2	1	3	0
...Non-Hodgkin's lymphoma	2	0	0	0
...Leukemia	5	0	1	0
...Other malignant neoplasms	15	1	11	0
Diabetes mellitus	5	0	1	0
Alzheimer's disease	19	0	9	0
Parkinson's disease	2	0	1	0
Diseases of heart	87	3	56	0
Essential hypertension	0	0	0	0
Cerebrovascular diseases	17	2	10	0
Influenza and pneumonia	6	0	7	0
Chronic lower respiratory disease	28	1	20	0
Pneumonitis due to solids and liquids	2	0	1	0
Chronic liver disease and cirrhosis	3	0	5	0
Nephritis and nephrosis	9	3	8	0
Conditions orig. in perinatal period	2	0	0	0
Congenital anomalies	2	0	3	0
Symptoms and ill-defined conditions	3	0	2	0
All other diseases	23	5	27	0
Unintentional injuries	14	3	13	0
...Motor vehicle crashes	7	1	5	0
...Falls	0	1	3	0
...Accidental poisoning	3	0	1	0
...Other unintentional injuries	4	1	4	0
Suicide	7	1	4	0
Homicide	3	0	2	0
All other external causes	1	0	0	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2012

	Ballwin	Blue Springs	Cape Girardeau	Chesterfield	Columbia	Florissant	Gladstone	Hazelwood
All causes	198	372	426	509	614	595	260	186
Enterocolitis due to Clostridium difficile	2	1	1	3	3	2	1	2
Septicemia	1	5	4	6	15	8	1	4
HIV / AIDS	0	0	0	0	1	0	0	2
Malignant neoplasms	48	83	82	91	133	156	57	42
...Colon, rectum, and anus	2	12	11	6	12	17	6	6
...Pancreas	4	7	2	6	5	8	6	4
...Trachea, bronchus, and lung	10	29	27	23	37	53	17	12
...Breast	2	12	7	10	6	14	2	3
...Cervix uteri, corpus uteri, and ovary	3	2	6	6	11	9	2	3
...Prostate	1	3	0	5	3	4	1	1
...Urinary tract	4	3	7	5	10	6	6	2
...Non-Hodgkin's lymphoma	3	1	2	2	7	3	1	2
...Leukemia	1	3	1	3	4	9	3	1
...Other malignant neoplasms	18	11	19	25	38	33	13	8
Diabetes mellitus	4	8	3	7	17	19	6	8
Alzheimer's disease	3	9	30	27	30	12	6	3
Parkinson's disease	1	3	3	13	6	3	4	1
Diseases of heart	56	89	117	134	119	165	56	52
Essential hypertension	1	2	0	2	11	7	4	0
Cerebrovascular diseases	18	19	22	21	37	25	10	9
Influenza and pneumonia	4	5	11	15	11	9	4	4
Chronic lower respiratory disease	6	29	20	28	26	31	27	5
Pneumonitis due to solids and liquids	5	1	4	7	8	7	2	3
Chronic liver disease and cirrhosis	1	5	5	2	7	8	2	3
Nephritis and nephrosis	4	10	16	7	14	20	3	5
Conditions orig. in perinatal period	2	1	3	2	1	1	2	1
Congenital anomalies	0	0	1	1	2	2	1	0
Symptoms and ill-defined conditions	2	2	6	1	3	2	2	0
All other diseases	22	68	81	116	121	73	49	23
Unintentional injuries	14	20	8	16	32	25	14	13
...Motor vehicle crashes	1	4	3	2	10	1	3	4
...Falls	5	6	2	8	3	12	7	3
...Accidental poisoning	4	7	2	3	11	7	2	4
...Other unintentional injuries	4	3	1	3	8	5	2	2
Suicide	3	9	6	8	13	14	5	5
Homicide	1	3	1	1	3	3	4	0
All other external causes	0	0	2	1	1	3	0	1

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2012

	Independence	Jefferson City	Joplin	Joplin - Jasper County	Joplin - Newton County	Kansas City	Kansas City - Jackson County	Kansas City - Clay County
All causes	1,337	428	552	452	100	3,668	2,713	660
Enterocolitis due to Clostridium difficile	6	0	2	1	1	10	7	3
Septicemia	23	2	14	10	4	48	38	8
HIV / AIDS	3	1	0	0	0	16	15	0
Malignant neoplasms	309	93	118	102	16	848	624	159
...Colon, rectum, and anus	33	7	8	8	0	71	52	11
...Pancreas	13	4	13	13	0	56	32	16
...Trachea, bronchus, and lung	93	29	35	29	6	242	178	51
...Breast	17	8	4	3	1	67	49	12
...Cervix uteri, corpus uteri, and ovary	10	4	11	11	0	44	35	6
...Prostate	13	1	3	3	0	38	28	8
...Urinary tract	15	5	8	7	1	30	20	6
...Non-Hodgkin's lymphoma	11	2	4	3	1	27	18	6
...Leukemia	14	7	5	4	1	23	17	5
...Other malignant neoplasms	90	26	27	21	6	250	195	38
Diabetes mellitus	27	15	5	4	1	102	79	16
Alzheimer's disease	62	27	15	13	2	118	84	20
Parkinson's disease	17	2	6	5	1	39	25	10
Diseases of heart	276	102	154	126	28	757	561	139
Essential hypertension	12	4	1	1	0	27	20	3
Cerebrovascular diseases	67	24	25	23	2	190	153	21
Influenza and pneumonia	39	10	14	10	4	47	30	11
Chronic lower respiratory disease	112	32	39	34	5	218	156	41
Pneumonitis due to solids and liquids	11	3	5	5	0	29	15	9
Chronic liver disease and cirrhosis	12	2	5	4	1	49	33	12
Nephritis and nephrosis	34	11	16	15	1	87	71	10
Conditions orig. in perinatal period	3	2	1	1	0	31	21	7
Congenital anomalies	1	4	1	1	0	15	10	4
Symptoms and ill-defined conditions	5	2	9	6	3	33	25	6
All other diseases	209	66	83	58	25	618	440	121
Unintentional injuries	78	15	25	22	3	212	158	38
...Motor vehicle crashes	14	2	6	6	0	50	37	10
...Falls	21	6	8	6	2	44	31	8
...Accidental poisoning	26	3	6	5	1	71	52	14
...Other unintentional injuries	17	4	5	5	0	47	38	6
Suicide	26	9	9	7	2	71	49	18
Homicide	5	1	5	4	1	98	94	4
All other external causes	0	1	0	0	0	5	5	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2012

	Kansas City - Platte County	Kirkwood	Lee's Summit	Liberty	Maryland Heights	O'Fallon	Raytown	St. Charles
All causes	295	257	649	194	225	475	356	543
Enterocolitis due to Clostridium difficile	0	2	1	0	1	2	2	1
Septicemia	2	6	9	2	0	7	4	8
HIV / AIDS	1	0	0	0	0	1	0	0
Malignant neoplasms	65	58	136	44	60	132	76	125
...Colon, rectum, and anus	8	3	12	5	10	13	3	9
...Pancreas	8	3	15	1	3	11	5	6
...Trachea, bronchus, and lung	13	22	33	13	15	40	27	39
...Breast	6	0	7	4	6	4	4	8
...Cervix uteri, corpus uteri, and ovary	3	3	3	2	2	4	2	7
...Prostate	2	1	5	1	0	7	1	4
...Urinary tract	4	5	11	2	3	3	2	9
...Non-Hodgkin's lymphoma	3	2	3	2	1	1	4	3
...Leukemia	1	2	6	1	1	5	3	7
...Other malignant neoplasms	17	17	41	13	19	44	25	33
Diabetes mellitus	7	4	7	3	3	14	7	12
Alzheimer's disease	14	14	33	7	11	14	12	17
Parkinson's disease	4	4	13	5	1	4	5	5
Diseases of heart	57	70	152	46	51	95	77	124
Essential hypertension	4	3	4	3	0	5	0	8
Cerebrovascular diseases	16	19	22	13	19	18	23	19
Influenza and pneumonia	6	3	17	3	8	7	10	16
Chronic lower respiratory disease	21	18	51	9	16	28	29	39
Pneumonitis due to solids and liquids	5	2	6	1	1	2	2	7
Chronic liver disease and cirrhosis	4	0	5	1	1	3	3	7
Nephritis and nephrosis	6	3	16	4	3	9	6	14
Conditions orig. in perinatal period	3	1	2	0	0	1	0	2
Congenital anomalies	1	1	4	0	0	1	1	4
Symptoms and ill-defined conditions	2	0	5	1	1	3	6	1
All other diseases	57	37	123	42	41	76	70	80
Unintentional injuries	16	8	31	7	4	38	13	39
...Motor vehicle crashes	3	1	7	0	1	2	7	3
...Falls	5	5	12	3	2	21	2	22
...Accidental poisoning	5	2	7	3	0	11	2	8
...Other unintentional injuries	3	0	5	1	1	4	2	6
Suicide	4	4	9	3	2	12	6	8
Homicide	0	0	1	0	1	2	4	2
All other external causes	0	0	2	0	1	1	0	5

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2012

	St. Joseph	St. Louis City	St. Peters	Springfield	University City	Wentzville	Wildwood
All causes	870	2,911	359	1,698	344	145	139
Enterocolitis due to Clostridium difficile	0	14	2	13	2	1	0
Septicemia	7	57	4	22	2	4	2
HIV / AIDS	0	16	0	3	3	0	1
Malignant neoplasms	195	665	96	363	73	40	43
...Colon, rectum, and anus	18	75	7	25	7	4	3
...Pancreas	9	36	2	24	7	2	3
...Trachea, bronchus, and lung	69	196	25	106	20	9	8
...Breast	9	46	7	27	3	6	4
...Cervix uteri, corpus uteri, and ovary	9	31	3	14	8	0	3
...Prostate	5	31	5	12	4	3	1
...Urinary tract	8	21	8	29	4	2	2
...Non-Hodgkin's lymphoma	2	13	5	13	2	2	0
...Leukemia	9	25	3	15	2	2	4
...Other malignant neoplasms	57	191	31	98	16	10	15
Diabetes mellitus	40	87	9	25	8	3	2
Alzheimer's disease	27	62	8	70	8	3	3
Parkinson's disease	7	17	4	27	3	0	2
Diseases of heart	182	718	74	390	88	33	35
Essential hypertension	10	33	2	12	0	3	0
Cerebrovascular diseases	59	134	21	93	22	10	4
Influenza and pneumonia	17	58	6	46	6	1	4
Chronic lower respiratory disease	69	142	19	114	13	8	7
Pneumonitis due to solids and liquids	4	16	2	14	3	3	0
Chronic liver disease and cirrhosis	7	35	5	23	3	0	1
Nephritis and nephrosis	17	63	6	36	11	1	1
Conditions orig. in perinatal period	2	27	3	8	1	1	0
Congenital anomalies	6	16	0	4	0	1	0
Symptoms and ill-defined conditions	6	14	3	21	3	0	3
All other diseases	171	428	65	273	74	19	21
Unintentional injuries	34	181	19	96	10	10	7
...Motor vehicle crashes	10	34	4	17	1	2	3
...Falls	6	25	11	26	1	5	2
...Accidental poisoning	9	68	4	34	6	3	1
...Other unintentional injuries	9	54	0	19	2	0	1
Suicide	8	31	8	23	3	3	2
Homicide	2	93	0	14	6	1	0
All other external causes	0	4	3	8	2	0	1

Table 27. Recorded Deaths by Type of Accident by Age by Sex: Missouri, 2012

	Total	All Ages		0-4 Years		05-14 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
Recorded Total	3,246	1,985	1,261	62	34	21	14	233	72	546	235	554	285	174	99	395	522
Work Total	66	62	4	0	0	0	0	5	0	17	3	35	1	4	0	1	0
Heavy transport vehicle	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Other motor vehicle	19	18	1	0	0	0	0	0	0	6	1	10	0	2	0	0	0
Other transport	4	3	1	0	0	0	0	1	0	2	1	0	0	0	0	0	0
Falls	16	15	1	0	0	0	0	1	0	2	0	11	1	0	0	1	0
Farm machinery	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Other machinery	3	3	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0
Struck by/against object	11	11	0	0	0	0	0	2	0	3	0	6	0	0	0	0	0
Electric current	2	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Other/unspecified accident	8	7	1	0	0	0	0	0	0	1	1	6	0	0	0	0	0
Home Total	1,273	750	523	46	21	8	5	54	17	207	124	212	142	67	40	156	174
Falls	407	210	197	0	0	0	0	2	0	7	5	34	15	34	23	133	154
Machinery	2	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Firearms	10	10	0	1	0	1	0	5	0	2	0	0	0	1	0	0	0
Struck by/against object	12	12	0	0	0	0	0	0	0	4	0	4	0	2	0	2	0
Drowning	25	10	15	2	2	1	2	0	1	2	4	4	4	1	1	0	1
Choke/suffocate	87	62	25	39	18	1	0	2	0	4	1	10	1	5	2	1	3
Excess natural heat/cold	26	13	13	0	0	0	1	0	0	0	0	4	1	6	5	3	6
Fire/flame/smoke	65	44	21	4	1	2	1	2	2	9	3	10	6	4	4	13	4
Poisoning (drug/alcohol)	603	362	241	0	0	0	0	40	13	174	109	137	112	9	5	2	2
Poisoning (gas/other)	18	11	7	0	0	2	1	3	1	4	1	1	1	0	0	1	3
Other/unspecified accident	18	14	4	0	0	1	0	0	0	1	1	7	2	4	0	1	1
Public Transport Total	939	655	284	9	9	9	9	146	52	207	73	173	81	54	21	57	39
Car or truck	680	453	227	7	0	4	5	121	47	136	60	104	59	36	18	45	38
Pedestrian	83	48	35	2	8	0	3	6	3	18	7	13	12	4	1	5	1
Pedal cyclist	11	9	2	0	0	1	1	1	0	4	0	2	1	2	0	0	0
Motorcyclist	102	92	10	0	0	0	0	12	1	34	4	41	4	5	1	0	0
Railroad (not motor vehicle)	6	6	0	0	0	1	0	1	0	2	0	2	0	0	0	0	0
Non-road vehicle (including ATV)	22	19	3	0	0	3	0	2	0	7	2	3	1	0	0	4	0
Water transport	8	6	2	0	0	0	0	1	0	2	0	1	2	1	0	1	0
Air transport	17	14	3	0	0	1	0	1	1	2	0	5	1	4	1	1	0
Other/unspecified transport	10	8	2	0	1	0	0	1	0	2	0	2	1	2	0	1	0
Public Non-Transport Total	929	490	439	7	4	4	4	28	2	110	34	121	58	46	36	174	305
Falls	363	149	214	0	0	0	0	2	0	6	4	19	6	19	19	103	185
Machinery	7	6	1	0	0	0	0	0	1	0	0	1	0	1	0	4	0
Firearms	10	9	1	0	0	0	0	0	0	3	0	6	1	0	0	0	0
Struck by/against object	12	11	1	0	0	0	0	0	0	3	0	4	0	4	0	0	1
Drowning	43	40	3	2	2	4	0	9	0	11	1	8	0	2	0	4	0
Choke/suffocate	100	57	43	3	1	0	0	3	0	4	0	9	11	8	3	30	28
Excess natural heat/cold	20	14	6	1	0	0	0	0	0	3	1	8	4	0	0	2	1
Fire/flame/smoke	9	7	2	0	0	0	0	0	0	2	0	3	0	1	1	1	1
Poisoning (drug/alcohol)	207	148	59	1	1	0	0	13	1	72	24	54	26	7	2	1	5
Poisoning (gas/other)	9	7	2	0	0	0	0	1	0	3	0	1	1	1	0	1	1
Other/unspecified accident	149	42	107	0	0	0	0	0	0	3	4	8	9	3	11	28	83
Late Effects of Accidents	39	28	11	0	0	0	0	0	0	5	1	13	3	3	2	7	4

Table 28. Resident Deaths by Selected Variables by Determination of Tobacco Use Contributing to Cause of Death: Missouri, 2012

	Total	Smoking Contributed to Death			Percentage				
		Yes	Probably	No	Yes	Probably	No		
<u>State Total</u>	55,783	6,151	2,628	26,804	20,200	11.0	4.7	48.1	36.2
<u>Gender</u>									
Male	27,946	3,651	1,647	12,111	10,537	13.1	5.9	43.3	37.7
Female	27,837	2,500	981	14,693	9,663	9.0	3.5	52.8	34.7
<u>Decedent's Race</u>									
White Non-Hisp	49,154	5,625	2,351	23,468	17,710	11.4	4.8	47.7	36.0
Black Non-Hisp	5,565	455	246	2,729	2,135	8.2	4.4	49.0	38.4
Other Non-Hisp*	556	46	14	296	200	8.3	2.5	53.2	36.0
Hispanic, Any Race	463	22	16	287	138	4.8	3.5	62.0	29.8
<u>Decedent's Age</u>									
Under 35	2,390	17	11	1,941	421	0.7	0.5	81.2	17.6
35-44	1,495	65	46	859	525	4.3	3.1	57.5	35.1
45-54	4,054	475	217	1,794	1,568	11.7	5.4	44.3	38.7
55-64	7,189	1,236	502	2,695	2,756	17.2	7.0	37.5	38.3
65-74	9,807	1,860	693	3,648	3,606	19.0	7.1	37.2	36.8
75-84	13,857	1,739	735	6,132	5,251	12.5	5.3	44.3	37.9
85+	16,990	759	424	9,734	6,073	4.5	2.5	57.3	35.7
<u>Underlying Cause of Death</u>									
Heart Disease	13,609	1,028	587	5,684	6,310	7.6	4.3	41.8	46.4
Cancer	12,831	2,509	932	5,436	3,954	19.6	7.3	42.4	30.8
...Lung Cancer	3,976	1,995	573	368	1,040	50.2	14.4	9.3	26.2
...Other Cancer	8,855	514	359	5,068	2,914	5.8	4.1	57.2	32.9
Chronic lower respiratory disease	3,642	1,632	424	493	1,093	44.8	11.6	13.5	30.0
Stroke	2,950	147	109	1,474	1,220	5.0	3.7	50.0	41.4
Unintentional injuries	3,012	54	26	2,332	600	1.8	0.9	77.4	19.9
Alzheimer's disease	1,854	35	22	1,222	575	1.9	1.2	65.9	31.0
Diabetes mellitus	1,371	126	80	649	516	9.2	5.8	47.3	37.6
Influenza and pneumonia	1,211	42	35	619	515	3.5	2.9	51.1	42.5
Nephritis and nephrosis	1,252	51	35	645	521	4.1	2.8	51.5	41.6
Other	14,051	527	378	8,250	4,896	3.8	2.7	58.7	34.8

*: Includes Deaths from Persons of Multiple Races

Table 29. Abridged Life Table for Total Population, and by Sex: Missouri, 2012
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
		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	${}_N Q_x$	L_x	${}_N D_x$	${}_N L_x$	T_x	E_x
0-1	0.0066	100,000	658	99,408	7,775,042	77.8
1-5	0.0013	99,342	125	397,118	7,675,634	77.3
5-10	0.0007	99,217	71	495,906	7,278,517	73.4
10-15	0.0008	99,146	79	495,531	6,782,610	68.4
15-20	0.0030	99,067	298	494,588	6,287,080	63.5
20-25	0.0049	98,769	484	492,634	5,792,491	58.6
25-30	0.0056	98,285	551	490,046	5,299,858	53.9
30-35	0.0072	97,734	703	486,911	4,809,811	49.2
35-40	0.0089	97,031	863	482,997	4,322,900	44.6
40-45	0.0114	96,168	1,093	478,107	3,839,903	39.9
45-50	0.0179	95,075	1,698	471,130	3,361,796	35.4
50-55	0.0284	93,377	2,653	460,253	2,890,666	31.0
55-60	0.0400	90,724	3,628	444,552	2,430,412	26.8
60-65	0.0531	87,097	4,621	423,931	1,985,860	22.8
65-70	0.0787	82,476	6,495	396,142	1,561,929	18.9
70-75	0.1184	75,981	8,994	357,420	1,165,787	15.3
75-80	0.1798	66,987	12,041	304,832	808,367	12.1
80-85	0.2777	54,946	15,256	236,590	503,535	9.2
85+	1.0000	39,690	39,690	266,945	266,945	6.7

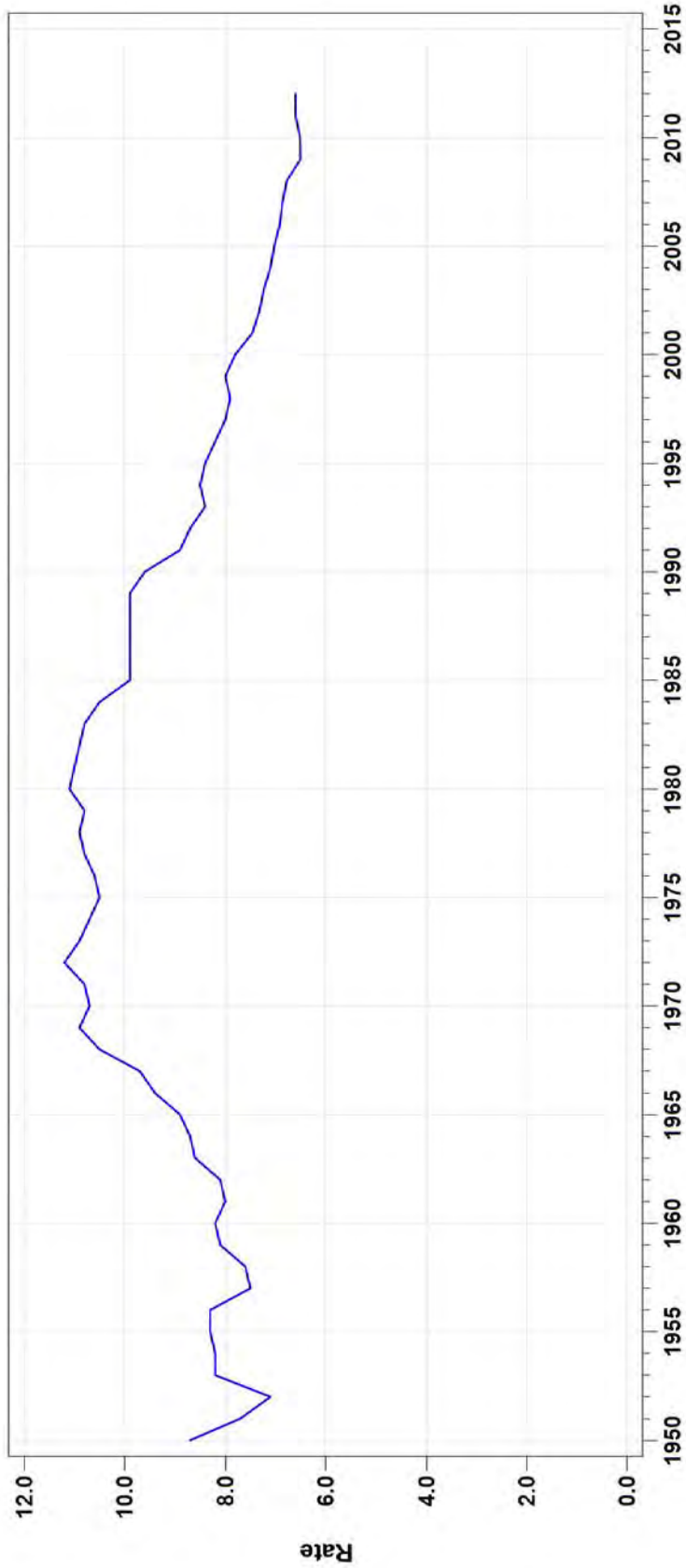
Table 29. Abridged Life Table for Total Population, and by Sex: Missouri, 2012
Male Population

Age Interval	Proportion of persons alive at beginning of age interval dying during interval	Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime
		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	0.0075	100,000	753	99,322	7,515,191	75.2
1-5	0.0014	99,247	135	396,717	7,415,869	74.7
5-10	0.0007	99,112	67	495,391	7,019,152	70.8
10-15	0.0011	99,045	105	494,960	6,523,761	65.9
15-20	0.0040	98,939	398	493,702	6,028,801	60.9
20-25	0.0074	98,541	730	490,882	5,535,099	56.2
25-30	0.0077	97,811	755	487,169	5,044,217	51.6
30-35	0.0095	97,056	921	482,977	4,557,049	47.0
35-40	0.0120	96,135	1,150	477,799	4,074,072	42.4
40-45	0.0144	94,985	1,367	471,505	3,596,273	37.9
45-50	0.0213	93,617	1,997	463,094	3,124,768	33.4
50-55	0.0357	91,620	3,267	449,935	2,661,674	29.1
55-60	0.0511	88,354	4,516	430,478	2,211,739	25.0
60-65	0.0658	83,838	5,519	405,391	1,781,261	21.2
65-70	0.0955	78,319	7,480	372,894	1,375,870	17.6
70-75	0.1396	70,839	9,892	329,465	1,002,976	14.2
75-80	0.2099	60,947	12,794	272,750	673,511	11.1
80-85	0.3218	48,153	15,495	202,026	400,761	8.3
85+	1.0000	32,658	32,658	198,735	198,735	6.1

Table 29. Abridged Life Table for Total Population, and by Sex: Missouri, 2012
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	$\frac{nQ_x}{N}$	L_x	nD_x	nL_x	T_x	E_x
0-1	0.0056	100,000	557	99,498	8,030,553	80.3
1-5	0.0012	99,443	115	397,540	7,931,055	79.8
5-10	0.0008	99,327	75	496,448	7,533,515	75.8
10-15	0.0005	99,252	51	496,131	7,037,067	70.9
15-20	0.0019	99,201	192	495,523	6,540,936	65.9
20-25	0.0023	99,009	232	494,462	6,045,413	61.1
25-30	0.0035	98,776	344	493,020	5,550,951	56.2
30-35	0.0049	98,432	482	490,955	5,057,931	51.4
35-40	0.0058	97,950	572	488,320	4,566,976	46.6
40-45	0.0084	97,378	815	484,852	4,078,655	41.9
45-50	0.0144	96,563	1,395	479,328	3,593,804	37.2
50-55	0.0214	95,168	2,032	470,759	3,114,476	32.7
55-60	0.0294	93,136	2,738	458,834	2,643,717	28.4
60-65	0.0412	90,398	3,726	442,675	2,184,883	24.2
65-70	0.0635	86,672	5,505	419,596	1,742,208	20.1
70-75	0.0998	81,166	8,104	385,573	1,322,612	16.3
75-80	0.1553	73,063	11,345	336,949	937,040	12.8
80-85	0.2464	61,717	15,209	270,564	600,090	9.7
85+	1.0000	46,508	46,508	329,526	329,526	7.1

Graph F. Marriage Rates per 1,000 Population: Missouri, 1950-2012



Year	Marriages	Rate	Year	Marriages	Rate	Year	Marriages	Rate
1950	34,300	8.7	1975	50,147	10.5	2000	43,665	7.8
1955	34,162	8.3	1980	54,625	11.1	2005	40,675	7.0
1960	35,368	8.2	1985	49,484	9.9	2006	40,399	6.9
1965	39,882	8.9	1990	49,063	9.6	2007	40,405	6.9
1970	50,224	10.7	1995	45,057	8.4	2008	40,146	6.8
						2009	38,768	6.5
						2010	38,998	6.5
						2011	39,481	6.6
						2012	39,378	6.6

Table 30. Reported Marriages by Age of Groom by Age of Bride: Missouri, 2012

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	39,378	31	57	145	754	1,183	1,415	1,846	2,198	2,182	2,321	2,210	2,254	2,041	1,830	1,608	1,420
15 And Under	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	10	3	1	1	3	0	0	2	0	0	0	0	0	0	0	0	0
17	45	1	4	12	12	6	1	3	4	0	1	0	0	0	0	0	1
18	268	6	17	29	102	67	16	11	9	2	0	2	2	1	1	0	0
19	621	7	8	41	164	193	105	46	21	6	10	8	2	2	1	0	2
20	990	5	9	28	146	235	266	129	62	42	16	10	11	9	5	3	2
21	1,283	1	6	15	111	197	231	309	183	82	35	27	22	21	11	3	6
22	1,566	3	5	8	64	133	230	334	378	191	71	43	35	17	20	7	3
23	1,823	0	2	3	37	84	160	280	396	379	196	76	58	40	29	19	13
24	1,945	0	2	2	30	79	104	178	287	362	393	190	100	58	43	22	25
25	2,065	0	1	1	25	41	71	140	219	274	371	395	196	97	63	46	29
26	2,088	0	1	0	14	39	57	105	163	224	265	353	352	173	92	78	43
27	2,092	0	0	3	10	17	47	66	113	153	238	267	332	309	179	105	64
28	1,944	1	0	0	8	20	31	51	83	114	150	224	245	287	270	142	82
29	1,823	1	0	0	4	13	15	40	66	86	135	151	205	208	236	201	129
30	1,674	1	0	0	2	11	18	43	39	60	90	99	152	209	200	202	188
31	1,462	0	0	0	5	7	14	21	45	47	80	79	113	131	154	150	150
32	1,362	1	0	1	2	4	10	19	20	38	67	66	95	108	114	108	130
33	1,149	0	0	0	5	8	7	17	22	20	49	52	69	83	74	106	96
34	1,039	0	0	0	0	3	4	9	11	21	27	28	51	68	68	89	82
35-39	3,922	0	0	0	6	15	15	25	37	49	85	91	132	151	169	213	246
40-44	2,924	0	0	0	2	5	6	10	22	20	27	33	58	52	63	71	83
45-49	2,350	0	0	0	1	1	5	4	9	9	12	8	10	12	21	25	28
50-54	1,896	0	0	0	0	3	2	3	5	2	3	3	9	2	13	11	12
55-59	1,258	0	0	0	0	1	0	1	2	1	0	3	2	3	1	5	3
60-64	792	0	0	0	0	1	0	0	0	0	0	1	1	0	2	2	2
65-69	431	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1
70-74	268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 +	274	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Stated	10	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0

Table 30. Reported Marriages by Age of Groom by Age of Bride: Missouri, 2012

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	1,343	1,087	969	900	3,297	2,567	2,114	1,569	903	538	279	173	133	11
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	1	0	0	2	0	0	0	0	0	0	0	0	0	0
19	1	1	0	2	1	0	0	0	0	0	0	0	0	0
20	1	3	1	1	6	0	0	0	0	0	0	0	0	0
21	5	2	2	3	4	6	0	1	0	0	0	0	0	0
22	3	4	5	5	6	1	0	0	0	0	0	0	0	0
23	11	9	6	7	8	7	2	0	0	0	0	0	0	1
24	15	15	7	10	19	2	1	1	0	0	0	0	0	0
25	26	17	13	7	25	7	0	1	0	0	0	0	0	0
26	31	18	26	9	33	9	2	1	0	0	0	0	0	0
27	50	24	33	23	46	9	3	1	0	0	0	0	0	0
28	66	50	24	19	60	12	4	1	0	0	0	0	0	0
29	97	57	37	41	73	22	4	2	0	0	0	0	0	0
30	113	69	37	39	81	14	4	3	0	0	0	0	0	0
31	138	89	67	38	89	31	12	2	0	0	0	0	0	0
32	141	124	89	52	119	42	7	2	1	0	1	0	0	1
33	103	102	89	71	127	39	7	2	1	0	0	0	0	0
34	99	110	77	93	148	41	8	2	0	0	0	0	0	0
35-39	266	244	275	269	1,108	375	116	26	7	1	0	0	0	1
40-44	114	99	119	121	752	818	315	104	25	5	0	0	0	0
45-49	45	31	40	56	366	639	664	268	72	16	5	1	0	2
50-54	9	10	14	23	147	315	572	522	153	54	7	1	1	0
55-59	6	8	6	7	49	120	265	360	315	74	19	6	0	1
60-64	0	1	1	2	19	37	90	167	210	193	45	14	4	0
65-69	0	0	0	0	5	11	21	64	80	117	97	28	4	0
70-74	1	0	0	0	5	7	13	19	26	50	64	61	22	0
75 +	0	0	1	0	1	2	4	20	13	28	41	62	102	0
Not Stated	1	0	0	0	0	1	0	0	0	0	0	0	0	5

Table 31: Reported Marriages by Age and Previous Marital Status - Missouri, 2012

<u>Age</u>	<u>Bride</u>				<u>Groom</u>			
	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced
Total	39,388	25,339	1,171	12,780	39,388	25,042	1,111	13,174
15 And Under								
16	31	31	0	0	4	4	0	0
17	57	57	0	0	10	10	0	0
18	145	144	0	0	45	44	0	1
19	755	749	0	1	268	267	0	0
20	1,183	1,168	0	13	621	617	0	3
21	1,415	1,388	0	24	991	982	0	8
22	1,847	1,786	2	53	1,284	1,257	0	20
23	2,200	2,097	2	98	1,567	1,523	0	41
24	2,182	2,048	2	128	1,823	1,757	0	64
25	2,321	2,119	3	196	1,945	1,824	1	120
26	2,211	1,989	5	213	2,066	1,898	0	168
27	2,254	1,958	4	288	2,088	1,908	0	175
28	2,041	1,701	1	338	2,092	1,849	5	235
29	1,830	1,457	3	365	1,944	1,635	3	303
30	1,609	1,196	11	395	1,824	1,479	2	342
31	1,420	977	9	433	1,674	1,316	8	348
32	1,343	823	14	499	1,462	1,084	6	372
33	1,087	609	10	464	1,363	914	5	442
34	969	474	13	481	1,149	768	2	377
35-39	900	422	13	465	1,040	607	6	425
40-44	3,300	1,087	63	2,138	3,922	1,731	35	2,150
45-49	2,568	515	102	1,945	2,925	753	50	2,116
50-54	2,114	287	158	1,663	2,352	417	84	1,846
55-59	1,569	153	149	1,261	1,896	220	116	1,556
60-64	903	50	132	720	1,258	122	144	991
65-69	538	30	151	354	792	31	159	601
70-74	279	12	121	146	431	9	154	267
75 +	173	4	104	64	268	7	128	132
Not Stated	133	5	99	29	274	5	203	66
Median Age at Marriage	11	3	0	6	10	4	0	5
	28.6	25.6	55.9	39.5	30.7	27.2	63.0	42.1

Table 32. Reported Marriages by Previous Marital Status: Missouri, 2012

<u>Bride</u>	Total	<u>Groom</u>			
		Single	Divorced	Widowed	Unknown
Total	39,378	25,035	13,171	1,111	61
Single	25,331	20,967	4,216	133	15
Divorced	12,779	3,872	8,267	625	15
Widowed	1,170	153	663	353	1
Unknown	98	43	25	0	30

Table 33. Reported Marriages by Race: Missouri, 2012

<u>Race of Bride</u>	Total	<u>Race of Groom</u>			
		White	Black	Unknown	Other
Total	39,378	32,711	4,294	1,221	1,152
White	33,195	31,498	791	355	551
Black	3,690	263	3,357	42	28
Other	1,234	589	78	2	565
Unknown	1,259	361	68	822	8

Table 34. Reported Marriages by Month of Event: Missouri, 2012

Total	39,378
January	1,450
February	2,082
March	2,611
April	2,847

May	4,034
June	5,251
July	3,452
August	3,186
September	4,842

October	4,361
November	2,470
December	2,792

Table 35A. Reported Marriages by County of Recording with Rates per 1,000 Population: Missouri, 2012

Counties	Population	Marriages	Rate
State Total	6,021,988	39,378	6.5
Adair	25,581	165	6.5
Andrew	17,417	79	4.5
Atchison	5,517	63	11.4
Audrain	25,621	171	6.7
Barry	35,546	223	6.3
Barton	12,337	85	6.9
Bates	16,709	90	5.4
Benton	18,962	109	5.7
Bollinger	12,382	84	6.8
Boone	168,535	1,079	6.4
Buchanan	89,706	616	6.9
Butler	43,053	412	9.6
Caldwell	9,145	48	5.2
Callaway	44,305	218	4.9
Camden	43,845	334	7.6
Cape Girardeau	76,950	626	8.1
Carroll	9,086	64	7.0
Carter	6,262	45	7.2
Cass	100,376	542	5.4
Cedar	13,799	82	5.9
Chariton	7,649	47	6.1
Christian	79,824	483	6.1
Clark	6,969	83	11.9
Clay	227,577	1,339	5.9
Clinton	20,508	90	4.4
Cole	76,363	596	7.8
Cooper	17,520	117	6.7
Crawford	24,832	194	7.8
Dade	7,568	25	3.3
Dallas	16,799	92	5.5
Davies	8,239	47	5.7
DeKalb	12,940	62	4.8
Dent	15,647	129	8.2
Douglas	13,585	47	3.5
Dunklin	31,826	183	5.8
Franklin	101,412	703	6.9
Gasconade	14,972	127	8.5
Gentry	6,777	41	6.0

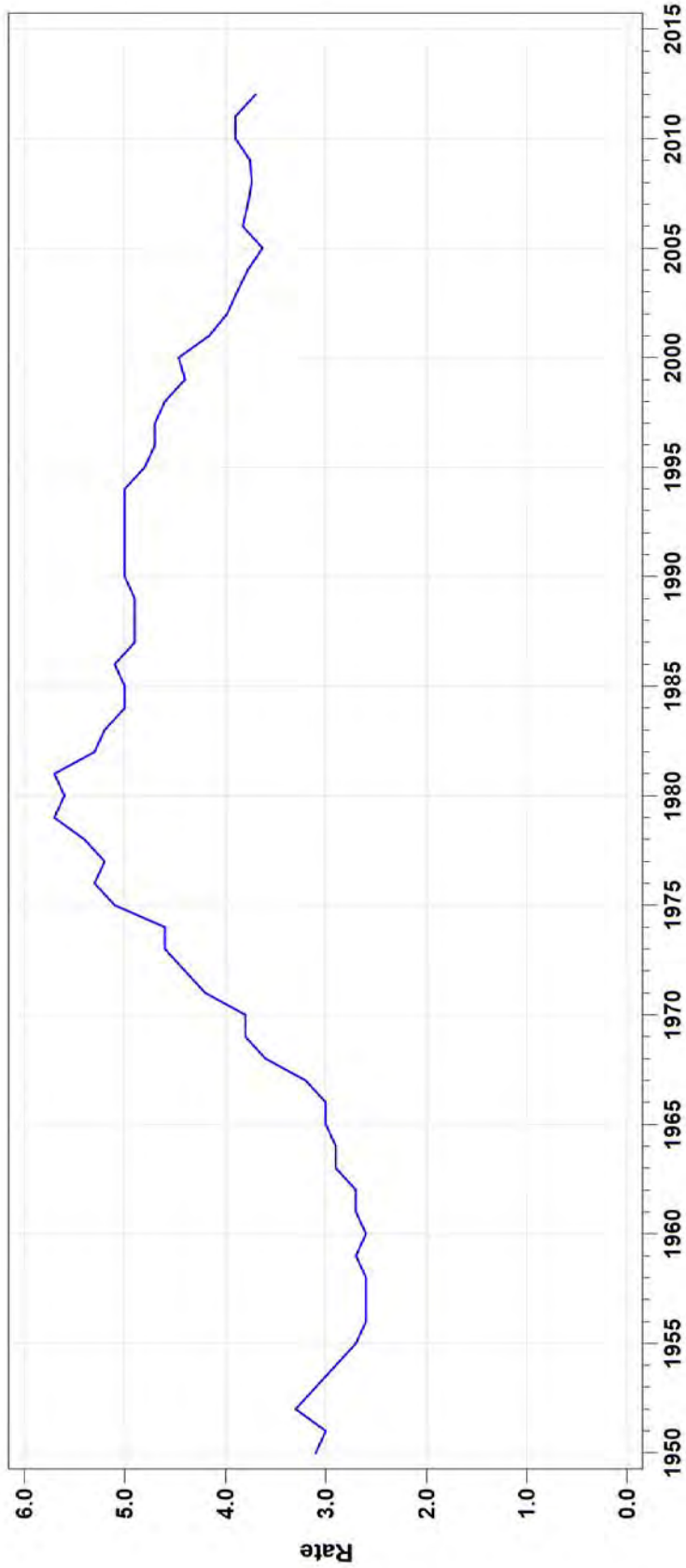
Counties	Population	Marriages	Rate
Greene	280,626	1,963	7.0
Grundy	10,338	77	7.4
Harrison	8,728	68	7.8
Henry	22,153	164	7.4
Hickory	9,391	54	5.8
Holt	4,655	34	7.3
Howard	10,169	65	6.4
Howell	40,629	368	9.1
Iron	10,374	75	7.2
Jackson	677,377	5,382	7.9
Jasper	115,258	894	7.8
Jefferson	220,209	1,056	4.8
Johnson	54,397	424	7.8
Knox	4,082	11	2.7
Laclede	35,417	365	10.3
Lafayette	33,080	144	4.4
Lawrence	38,467	255	6.6
Lewis	10,174	36	3.5
Lincoln	53,354	331	6.2
Linn	12,484	66	5.3
Livingston	15,037	123	8.2
Macon	15,573	88	5.7
Madison	12,448	69	5.5
Maries	9,014	49	5.4
Marion	28,745	229	8.0
McDonald	22,876	174	7.6
Mercer	3,729	29	7.8
Miller	24,817	149	6.0
Mississippi	14,322	100	7.0
Moniteau	15,625	63	4.0
Monroe	8,703	43	4.9
Montgomery	11,996	64	5.3
Morgan	20,117	140	7.0
New Madrid	18,488	104	5.6
Newton	59,069	363	6.1
Nodaway	23,419	140	6.0
Oregon	10,997	64	5.8
Osage	13,858	55	4.0
Ozark	9,601	72	7.5

Counties	Population	Marriages	Rate
Pemiscot	18,111	122	6.7
Perry	19,018	123	6.5
Pettis	42,319	358	8.5
Phelps	44,987	352	7.8
Pike	18,565	143	7.7
Platte	92,054	565	6.1
Polk	31,017	177	5.7
Pulaski	53,259	502	9.4
Putnam	4,931	44	8.9
Ralls	10,277	80	7.8
Randolph	25,330	175	6.9
Ray	23,064	143	6.2
Reynolds	6,667	44	6.6
Ripley	14,036	106	7.6
Saline	23,339	110	4.7
Schuyler	4,370	33	7.6
Scotland	4,877	44	9.0
Scott	39,139	330	8.4
Shannon	8,318	47	5.7
Shelby	6,234	40	6.4
St. Charles	368,666	1,342	3.6
St. Clair	9,474	40	4.2
St. Francois	65,917	491	7.4
St. Louis City	318,172	2,159	6.8
St. Louis County	1,000,438	5,794	5.8
Ste. Genevieve	17,740	110	6.2
Stoddard	29,795	247	8.3
Stone	31,568	166	5.3
Sullivan	6,546	45	6.9
Taney	52,956	779	14.7
Texas	25,810	179	6.9
Vernon	20,748	167	8.0
Warren	32,753	232	7.1
Washington	25,095	176	7.0
Wayne	13,402	67	5.0
Webster	36,351	199	5.5
Worth	2,079	16	7.7
Wright	18,629	141	7.6

Table 35B. Reported Marriages by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2012

BRFSS Region	Population	Marriages	Rate
State Total	6,021,988	39,378	6.5
Northeast	253,533	1,711	6.7
Northwest	242,960	1,654	6.8
Central	713,218	5,127	7.2
Southeast	577,499	4,256	7.4
Southwest	914,789	6,494	7.1
St. Louis Region	2,120,099	11,793	5.6
Kansas City Region	1,199,890	8,343	7.0
Metro	4,487,119	27,962	6.2
Non-Metro	1,534,869	11,416	7.4

Graph G. Dissolution Rates per 1,000 Population: Missouri, 1950-2012



Year	Dissolutions	Rate	Year	Dissolutions	Rate
1950	12,177	3.1	2000	24,980	4.5
1955	11,351	2.7	2005	21,013	3.6
1960	11,320	2.6	2006	22,358	3.8
1965	13,261	3.0	2007	22,223	3.8
1970	24,527	5.1	2008	22,132	3.7
			2009	22,374	3.8
			2010	23,349	3.9
			2011	23,272	3.9
			2012	22,553	3.7

Table 36. Reported Marriage Dissolution Decrees by Month and by Type of Decree: Missouri, 2012

	Total Decrees	Dissolutions	Legal Separations	Annulments
State Total	22,653	22,503	103	47
January	1,785	1,773	7	5
February	1,714	1,702	8	4
March	1,973	1,956	13	4
April	2,024	2,009	9	6
May	2,028	2,017	8	3
June	1,978	1,962	14	2
July	1,854	1,850	3	1
August	1,968	1,962	2	4
September	1,730	1,718	6	6
October	1,894	1,879	11	4
November	1,864	1,847	12	5
December	1,841	1,828	10	3

Table 37. Reported Dissolutions and Annulments of Marriage by Number of Previous Marriages: Missouri, 2012

	Total	<u>Wife</u>						
		None	One	Two	Three	Four	Five Or More	Unknown
State Total	22,550	13,031	4,975	1,567	468	146	81	2,282
None	13,091	10,686	1,868	367	75	15	6	74
One	5,071	1,877	2,139	657	182	55	30	131
Two	1,502	306	618	349	126	44	18	41
Three	404	54	153	109	51	13	17	7
Four	121	14	48	27	14	12	3	3
Five Or More	69	5	24	18	9	3	5	5
Unknown	2,292	89	125	40	11	4	2	2,021

Table 38. Reported Dissolutions and Annulments of Marriage by Duration of Marriage and Number of Children Affected: Missouri, 2012

<u>Duration</u>	Total	<u>Children Affected</u>									
		No Children	One	Two	Three	Four	Five	Six Or More	Unknown		
State Total	22,550	11,305	4,842	4,291	1,459	365	73	33	182		
Under 1 Year	625	525	52	23	11	1	0	1	12		
1 Year	1,289	1,006	192	55	16	9	1	0	10		
2 Years	1,498	988	359	108	23	5	0	1	14		
3 Years	1,546	936	396	156	35	5	1	2	15		
4 Years	1,518	838	377	227	48	12	4	1	11		
5 Years	1,463	706	412	257	68	10	3	1	6		
6 Years	1,330	632	311	297	66	11	2	0	11		
7 Years	1,150	510	280	258	74	18	4	0	6		
8-9 Years	1,959	791	429	488	184	50	3	2	12		
10-12 Years	2,508	931	512	691	283	61	11	4	15		
13-15 Years	1,827	592	348	562	224	64	18	7	12		
16-19 Years	1,814	511	412	574	229	62	10	7	9		
20-24 Years	1,666	646	432	379	135	42	12	4	16		
25-29 Years	939	625	169	99	29	5	3	2	7		
30-34 Years	525	436	55	24	3	1	0	0	6		
35-39 Years	251	227	8	7	6	0	0	0	3		
40 Years and Longer	187	177	4	4	0	1	0	0	1		
Unknown	455	228	94	82	25	8	1	1	16		

Table 39. Reported Dissolutions and Annulments of Marriage by Race of Wife by Race of Husband: Missouri, 2012

	<u>Wife</u>	Total	<u>Husband</u>		
			White	Black	Other
State Total		22,550	17,666	1,860	435
White		17,829	17,102	288	214
Black		1,654	114	1,483	15
Other		449	217	28	193
Unknown		2,618	233	61	13
					2,311

Table 40. Reported Dissolutions and Annulments of Marriage by Petitioner by Disposition of Children and by Child Support Awarded: Missouri, 2012

<u>Petitioner</u>	Total	<u>Custody Given To:</u>					
		Husband	Wife	Joint	Other	No Children	Unknown
State Total	22,550	460	2,933	7,091	253	11,810	3
Husband	8,539	381	546	2,762	115	4,735	0
Wife	13,356	71	2,326	4,168	133	6,655	3
Joint	155	3	19	52	2	79	0
Other	3	0	0	1	0	2	0
Unknown	497	5	42	108	3	339	0

<u>Petitioner</u>	Total	<u>Child Support Awarded To:</u>					
		Husband	Wife	No Support	Other	Unknown	No Child
State Total	22,550	558	6,826	3,239	43	74	11,810
Husband	8,539	341	1,923	1,498	14	28	4,735
Wife	13,356	204	4,759	1,664	29	45	6,655
Joint	155	3	46	27	0	0	79
Other	3	0	1	0	0	0	2
Unknown	497	10	97	50	0	1	339

Table 41. Reported Dissolutions and Annulments of Marriage by Age of Wife by Age of Husband: Missouri, 2012

<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	
Total	22,550	31	921	2,620	3,415	3,194	3,427	5,142	2,206	748	846	
Less Than 20	99	13	67	13	2	0	0	0	3	0	1	
20-24	1,509	10	658	614	137	36	17	12	6	0	19	
25-29	3,243	2	121	1,525	1,102	304	93	60	14	2	20	
30-34	3,634	1	39	291	1,610	992	432	188	33	4	44	
35-39	3,224	0	9	74	347	1,220	1,000	461	71	5	37	
40-44	3,259	2	4	26	104	409	1,304	1,194	153	21	42	
45-54	4,436	2	1	14	28	148	460	2,725	878	121	59	
55-64	1,647	0	1	6	15	15	42	358	910	269	31	
65 +	436	0	0	0	2	2	6	29	80	308	9	
Unknown	1,063	1	21	57	68	68	73	115	58	18	584	

Table 42A: Reported Dissolutions and Annulments by County of Recording with Rates per 1,000 Population - Missouri, 2012

Counties	Population	Decrees	Rate
<u>State Total</u>	6,021,988	22,550	3.7
Adair	25,581	90	3.5
Andrew	17,417	282	16.2
Atchison	5,517	27	4.9
Audrain	25,621	85	3.3
Barry	35,546	59	1.7
Barton	12,337	62	5.0
Bates	16,709	68	4.1
Benton	18,962	10	0.5
Bollinger	12,382	55	4.4
Boone	168,535	581	3.4
Buchanan	89,706	162	1.8
Butler	43,053	258	6.0
Caldwell	9,145	16	1.7
Callaway	44,305	141	3.2
Camden	43,845	109	2.5
Cape Girardeau	76,950	318	4.1
Carroll	9,086	45	5.0
Carter	6,262	17	2.7
Cass	100,376	327	3.3
Cedar	13,799	69	5.0
Chariton	7,649	26	3.4
Christian	79,824	361	4.5
Clark	6,969	33	4.7
Clay	227,577	933	4.1
Clinton	20,508	72	3.5
Cole	76,363	246	3.2
Cooper	17,520	46	2.6
Crawford	24,832	127	5.1
Dade	7,568	24	3.2
Dallas	16,799	58	3.5
Davies	8,239	25	3.0
DeKalb	12,940	26	2.0
Dent	15,647	72	4.6
Douglas	13,585	66	4.9
Dunklin	31,826	179	5.6
Franklin	101,412	428	4.2
Gasconade	14,972	41	2.7
Gentry	6,777	20	3.0

Counties	Population	Decrees	Rate
Greene	280,626	1,305	4.7
Grundy	10,338	47	4.5
Harrison	8,728	41	4.7
Henry	22,153	104	4.7
Hickory	9,391	17	1.8
Holt	4,655	8	1.7
Howard	10,169	38	3.7
Howell	40,629	284	7.0
Iron	10,374	34	3.3
Jackson	677,377	2,579	3.8
Jasper	115,258	672	5.8
Jefferson	220,209	801	3.6
Johnson	54,397	237	4.4
Knox	4,082	9	2.2
Laclede	35,417	166	4.7
Lafayette	33,080	134	4.1
Lawrence	38,467	119	3.1
Lewis	10,174	28	2.8
Lincoln	53,354	170	3.2
Linn	12,484	41	3.3
Livingston	15,037	57	3.8
Macon	15,573	62	4.0
Madison	12,448	83	6.7
Maries	9,014	29	3.2
Marion	28,745	129	4.5
McDonald	22,876	80	3.5
Mercer	3,729	14	3.8
Miller	24,817	147	5.9
Mississippi	14,322	65	4.5
Moniteau	15,625	59	3.8
Monroe	8,703	16	1.8
Montgomery	11,996	54	4.5
Morgan	20,117	47	2.3
New Madrid	18,488	80	4.3
Newton	59,069	179	3.0
Nodaway	23,419	69	2.9
Oregon	10,997	38	3.5
Osage	13,858	29	2.1
Ozark	9,601	35	3.6

Counties	Population	Decrees	Rate
Pemiscot	18,111	76	4.2
Perry	19,018	70	3.7
Pettis	42,319	238	5.6
Phelps	44,987	202	4.5
Pike	18,565	72	3.9
Platte	92,054	358	3.9
Polk	31,017	94	3.0
Pulaski	53,259	354	6.6
Putnam	4,931	24	4.9
Ralls	10,277	34	3.3
Randolph	25,330	105	4.1
Ray	23,064	83	3.6
Reynolds	6,667	20	3.0
Ripley	14,036	77	5.5
Saline	23,339	82	3.5
Schuyler	4,370	27	6.2
Scotland	4,877	23	4.7
Scott	39,139	195	5.0
Shannon	8,318	24	2.9
Shelby	6,234	28	4.5
St. Charles	368,666	1,274	3.5
St. Clair	9,474	50	5.3
St. Francois	65,917	363	5.5
St. Louis City	318,172	535	1.7
St. Louis County	1,000,438	3,138	3.1
Ste. Genevieve	17,740	55	3.1
Stoddard	29,795	177	5.9
Stone	31,568	112	3.5
Sullivan	6,546	29	4.4
Taney	52,956	276	5.2
Texas	25,810	70	2.7
Vernon	20,748	96	4.6
Warren	32,753	103	3.1
Washington	25,095	111	4.4
Wayne	13,402	50	3.7
Webster	36,351	147	4.0
Worth	2,079	7	3.4
Wright	18,629	101	5.4

Table 42B: Reported Dissolutions and Annulments by BRFSS Region of Recording with Rates per 1,000 Population - Missouri, 2012

BRFSS Region	Population	Decrees Recorded	Rate
Total	6,021,988	22,550	3.7
Northeast	253,533	976	3.8
Northwest	242,960	949	3.9
Central	713,218	2,811	3.9
Southeast	577,499	2,790	4.8
Southwest	914,789	3,894	4.3
St. Louis Region	2,120,099	6,560	3.1
Kansas City Region	1,199,890	4,570	3.8
Metro	4,487,119	15,937	3.6
Non-Metro	1,534,869	6,613	4.3

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 2012 tabulations and pre-2010 tabulations should be evaluated with these changes in mind.

RELIABILITY OF THE DATA

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

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

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

SOURCES OF VITAL RECORDS

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

Missouri cooperates with other states in the exchange of records for live births, fetal deaths, deaths, and abortions, including events occurring to Missouri residents in other states. However, MDHSS has not received individual abortion records from Illinois since 1983 and did not receive records from Tennessee clinics from 1997 to 2005. Instead, MDHSS received estimates of Missouri resident abortions from some Tennessee clinics from 1997 to 2005 and an estimate of Missouri resident abortions was received from some Illinois clinics for 1988-2012. 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 2012 calendar year of events. Live births were accepted through March 15, 2013, death and fetal death records through April 15, 2013, and marriages, dissolutions and abortions were accepted through April 1, 2013.

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

POPULATION

All Missouri county and city population estimates for 2012 were developed by the United States Census Bureau (Vintage 2012). 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 2012 Missouri resident data showed that 2.7 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, Filipino, 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 2012 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 6.0 percent less than white births (pre-2010 method). The 2010 method resulted in 7.0 percent fewer black, non-Hispanic births than black births using the pre-2010 method. The low birth weight rate for white, non-Hispanics of 6.7 percent was slightly lower than the white rate of 6.8 percent. The low birth weight rate for black, non-Hispanics was 13.6 percent compared to 13.2 percent for black births using the pre-2010 method. The overall black to white ratio for low birth weight was 1.95 using the pre-2010 method compared 2.03 using the new 2010 method.

Appendix Table A

Effects of Changes in Racial Classification Methods on 2012 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	59,904	4,059	6.8	
Black	11,526	1,524	13.2	1.95
Other and multiple	3,835	241	6.3	
Unknown race	135	8	5.9	
Total	75,400	5,832	7.7	

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	56,289	3,781	6.7	
Black, Non-Hispanic	10,717	1,458	13.6	2.03
Hispanic, any Race	4,047	263	6.5	
Other and Multiple	4,303	327	7.6	
Unknown race	44	3	6.8	
Total (includes unknown race)	75,400	5,832	7.7	

* 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 calculated by MICA and statistics in this report. For instance, the black to white infant death rate ratio increases from 2.09 using the single-race method (Death MICA) to 2.19 using the multiple-race method (this report). 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 6.3 percent using the single-race method to 7.6 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 overwrites the existing values on the record and also adds latitude, longitude, and Census tract. If no match is available or the best match is not accurate enough, address information is left as reported, and latitude, longitude, and Census tract are not added. From 2000 through 2007, only the following metropolitan counties were geocoded: Buchanan, Cass, Clay, Greene, Jackson, Jefferson, Platte, Ray, St. Charles, St. Louis County, and St. Louis City.

REGIONS

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

METRO (METROPOLITAN) vs. NON-METRO COUNTIES

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

UNKNOWN AND IMPUTED DATA

Records of Missouri residents with unknown county of residence are included in the state totals of this publication. In annual vital statistics reports before 1979, these records were excluded from totals. The number of 2012 records with unknown county of residence by system is as follows:

Live Births	0
Fetal Deaths.....	0
Deaths.....	0
Abortions.....	126

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 (Table 10): Smoking during any trimester of 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, and Table 10): 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:

$$\text{Age-Adjusted Death Rate} = \sum_{A01}^{A11} (Ma \times \frac{Pa}{P})$$

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

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

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

GESTATIONAL AGE CORRECTION

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

MEDICAL INFORMATION ON BIRTH RECORDS

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

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

MEDICAID STATUS OF 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 generally be fewer than in previous years.

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, if the average amount smoked for any period of smoking is unknown, then the mother's smoking status is unknown. (See "Unknowns" above.) These changes resulted in an increase in maternal smoking during pregnancy.

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 Order – Number of previous pregnancy outcomes plus one. This differs from "live birth order" in that it includes other previous pregnancy outcomes besides live births such as abortions or miscarriages. It is used in Table 24.

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. 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

*HomicideX85-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.

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 used beginning in 2010, 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 2012 tables do not represent the life expectancy of an actual cohort of all Missourians born in a particular year and followed throughout their lifetime. Rather, the current life table considers a hypothetical cohort and assumes it is subject to the age-specific mortality rates existing for a given year. This means the population figures listed in these tables are not actual population counts for Missouri. Instead, they are only theoretical. The figures are only useable for calculating age-specific life expectancy.

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

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