

**MISSOURI
VITAL STATISTICS
2015**

MISSOURI DEPARTMENT OF HEALTH & SENIOR SERVICES

BUREAU OF VITAL STATISTICS

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June 2017

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 who was born or died in Missouri.

This report presents the final tabulation of statistical data relating to vital events in Missouri during 2015. Records of live births received through February 15, 2016, death and fetal death records through April 15, 2016, marriages and dissolutions received through March 15, 2016, and abortions received through April 15, 2016, are included in the tables allowing information on 2015 events to be as complete as possible.

Missouri Vital Statistics 2015 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, is available on the Department of Health and Senior Services website at health.mo.gov under Data and Statistics.

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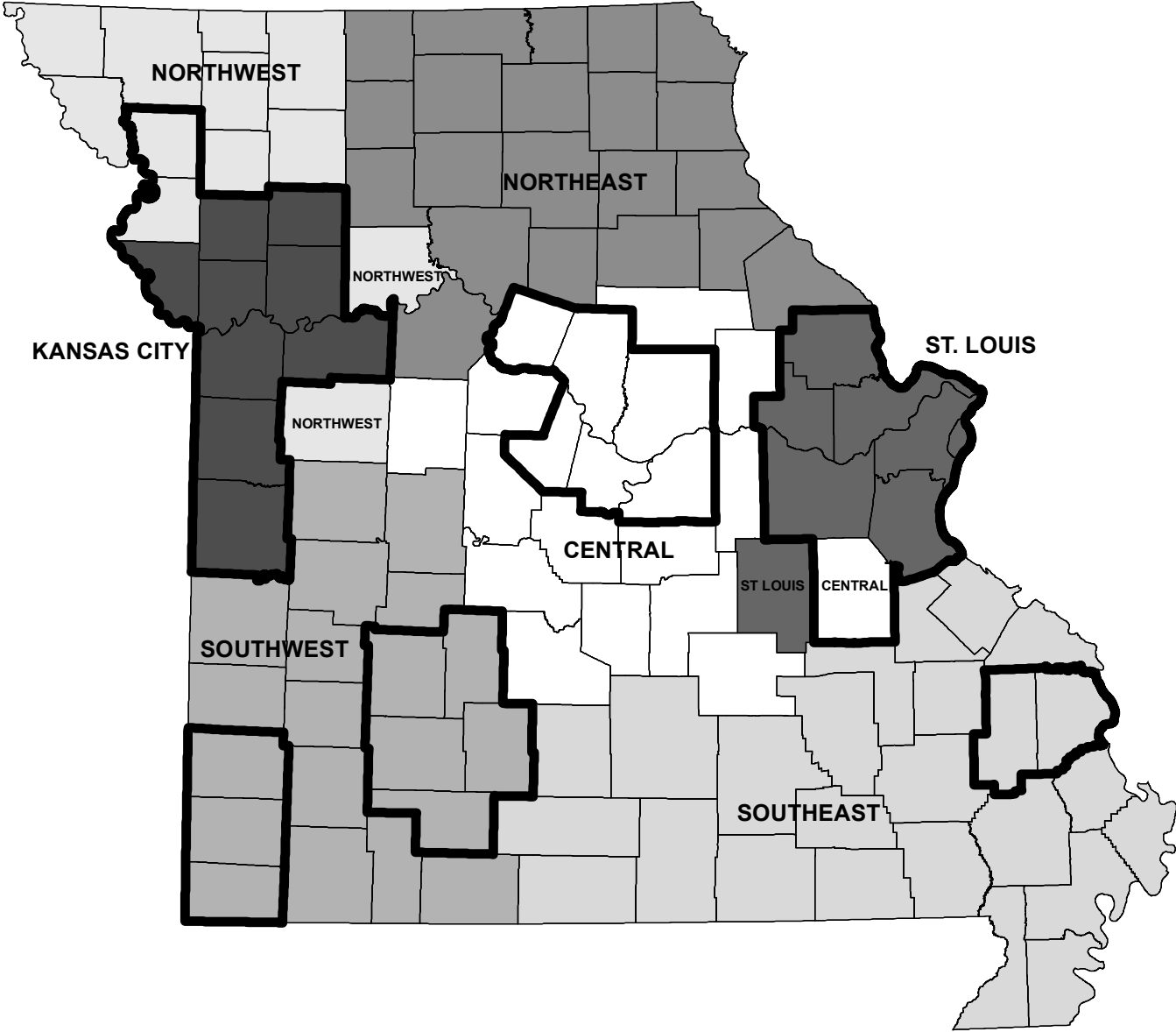
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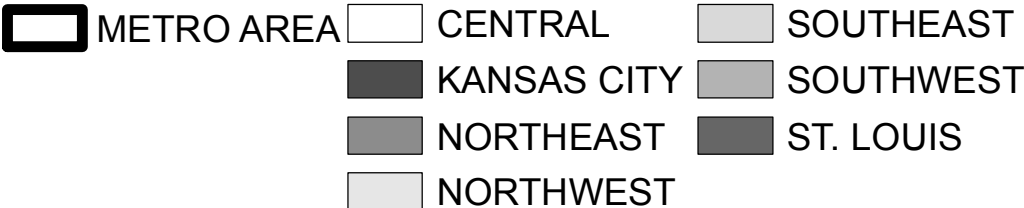
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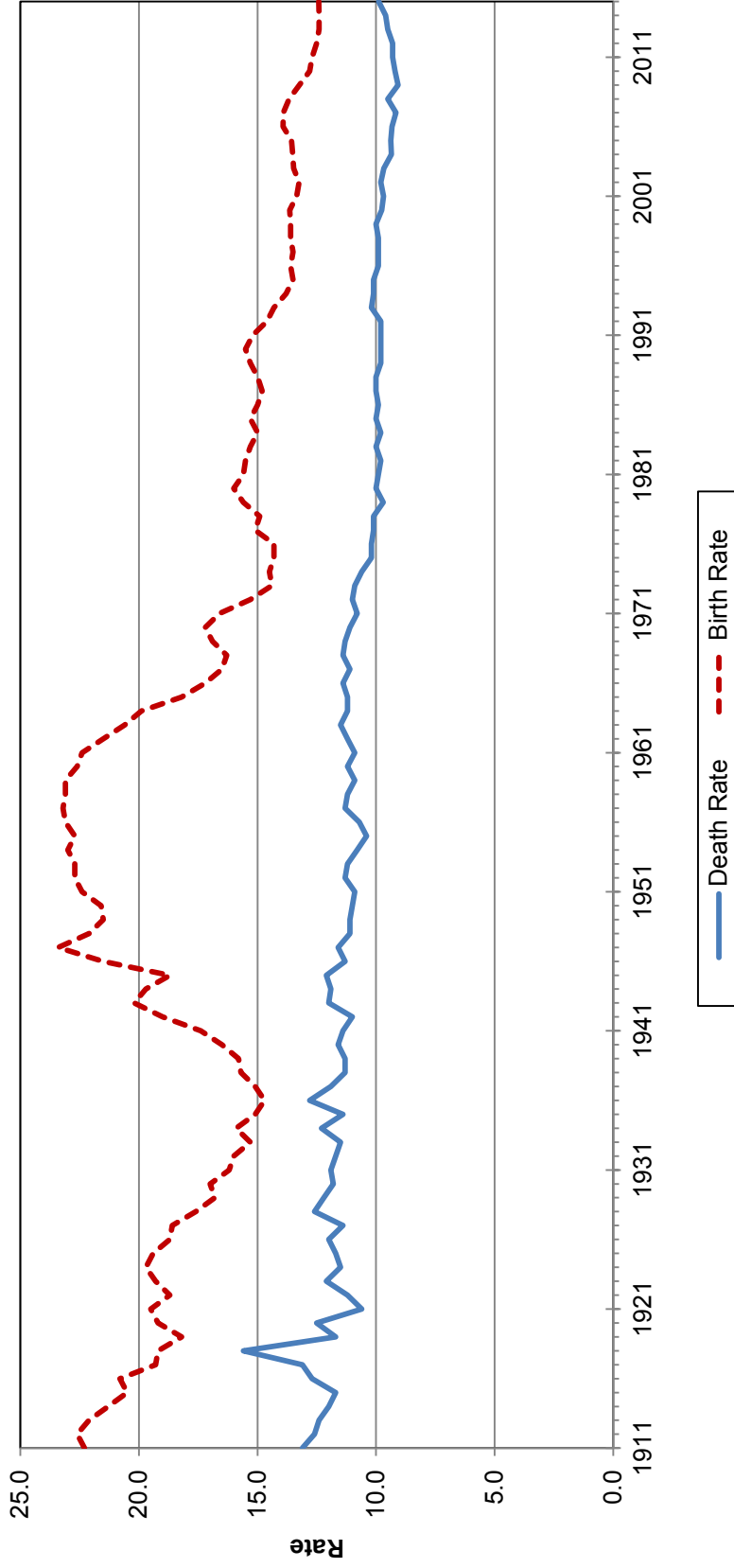
Behavioral Risk Factor Surveillance System (BRFSS) Regions



LEGEND



Graph A. Live Birth and Death Rates per 1,000 Population: Missouri, 1911-2015*



Year	Rate		Year	Rate		Year	Rate	
	Birth	Death		Birth	Death		Birth	Death
1911	22.3	13.1	1945	18.7	12.1	1980	16.0	10.0
1915	20.5	11.7	1950	21.6	11.0	1985	15.3	10.0
1920	19.2	12.5	1955	22.7	10.4	1990	15.5	9.8
1925	19.4	11.7	1960	22.6	11.2	1995	13.5	10.1
1930	17.0	11.8	1965	18.2	11.2	2000	13.6	9.8
1935	15.1	11.4	1970	17.2	11.1	2010	12.8	9.2
1940	16.5	11.6	1975	14.3	10.2	2011	12.7	9.3
						2012	12.5	9.3
						2013	12.4	9.5
						2014	12.4	9.6
						2015	12.4	9.9

*1911-1944 recorded events 1945-2015 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
		Number	Rate	Number	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 the United States Bureau of the Census Release, Series P-25, No 139, June 27, 1956.

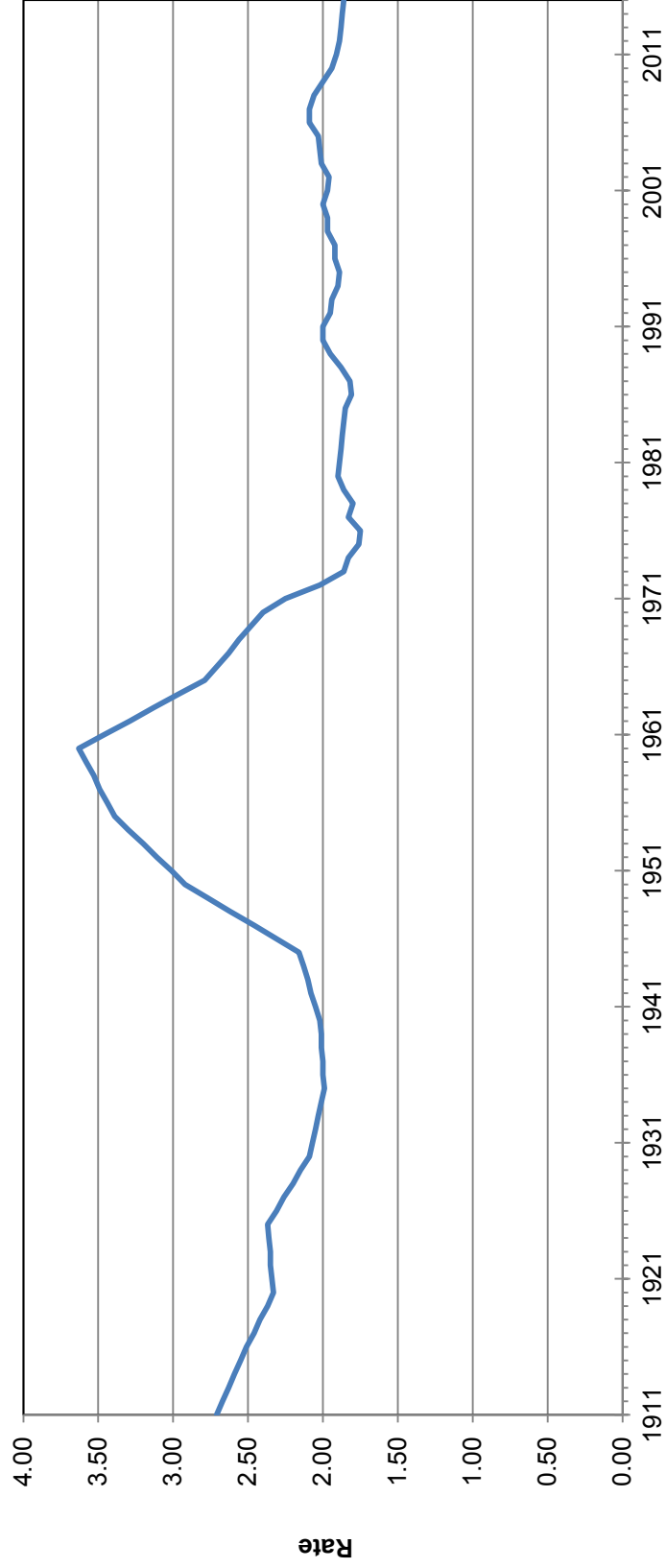
Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000 Population and Natural Increase: Missouri, 1945-2015

Year	Estimated Mid-Year Population (Thousands)	Recorded						Resident					
		Births			Deaths			Births			Deaths		
		Number	Rate		Number	Rate		Number	Rate		Number	Rate	
1945	3,516	67,693	19.3	42,757	12.2		65,691	18.7	42,496	12.1		23,195	
1946	3,746	82,901	22.1	42,640	11.4		80,698	21.5	42,377	11.3		38,321	
1947	3,845	92,369	24.0	44,762	11.6		89,902	23.4	44,474	11.6		45,428	
1948	3,844	87,005	22.6	42,921	11.2		85,096	22.1	42,753	11.1		42,342	
1949	3,955	87,372	22.1	43,995	11.1		85,206	21.5	43,708	11.1		41,498	
1950	3,964	87,948	22.2	43,962	11.1		85,704	21.6	43,714	11.0		41,990	
1951	4,015	92,664	23.1	44,318	11.0		89,977	22.4	44,051	10.9		45,926	
1952	3,972	92,931	23.4	45,245	11.4		90,118	22.7	45,051	11.3		45,067	
1953	4,020	94,419	23.5	45,686	11.4		91,447	22.7	45,148	11.2		46,299	
1954	4,066	97,278	23.9	44,404	10.9		93,453	23.0	43,835	10.8		49,618	
1955	4,134	97,591	23.6	43,531	10.5		93,797	22.7	43,000	10.4		50,797	
1956	4,163	100,163	24.1	45,003	10.8		96,099	23.1	44,458	10.7		51,641	
1957	4,189	101,287	24.2	47,784	11.4		97,161	23.2	47,333	11.3		49,828	
1958	4,186	100,729	24.1	47,338	11.3		96,721	23.1	46,729	11.2		49,992	
1959	4,258	102,461	24.1	47,099	11.1		98,537	23.1	46,465	10.9		52,072	
1960	4,326	101,778	23.5	48,955	11.3		97,723	22.6	48,287	11.2		49,436	
1961	4,349	101,462	23.3	47,933	11.0		97,321	22.4	47,303	10.9		50,018	
1962	4,357	97,658	22.4	49,685	11.4		93,879	21.5	49,016	11.2		44,863	
1963	4,392	93,545	21.3	51,159	11.6		90,363	20.6	50,538	11.5		39,825	
1964	4,442	90,918	20.5	50,271	11.3		88,335	19.9	49,617	11.2		38,718	
1965	4,467	84,162	18.8	51,101	11.4		81,216	18.2	50,249	11.2		30,967	
1966	4,523	80,750	17.9	52,476	11.6		77,946	17.2	51,581	11.4		26,365	
1967	4,539	77,940	17.2	51,245	11.3		74,823	16.5	50,544	11.1		24,279	
1968	4,568	77,028	16.9	52,834	11.6		74,304	16.3	52,019	11.4		22,285	
1969	4,640	81,313	17.5	53,172	11.5		78,396	16.9	52,314	11.3		26,082	
1970	4,680	83,787	17.9	52,592	11.2		80,707	17.2	51,743	11.1		28,964	
1971	4,723	81,409	17.2	51,810	11.0		78,375	16.6	50,811	10.8		27,564	
1972	4,753	75,127	15.8	53,249	11.2		72,597	15.3	52,287	11.0		20,310	
1973	4,775	70,808	14.8	53,003	11.1		68,605	14.4	51,812	10.9		16,793	
1974	4,785	71,875	15.0	51,656	10.8		69,412	14.5	50,504	10.6		18,908	
1975	4,795	70,786	14.8	49,986	10.4		68,442	14.3	48,984	10.2		19,458	
1976	4,824	71,319	14.8	50,074	10.4		68,781	14.3	49,008	10.2		19,773	
1977	4,845	75,689	15.6	49,839	10.3		72,957	15.1	48,761	10.1		24,196	
1978	4,871	75,283	15.5	50,439	10.4		72,654	14.9	49,207	10.1		23,447	
1979	4,889	78,562	16.1	48,946	10.0		76,056	15.6	47,656	9.7		28,400	
1980	4,917	80,770	16.4	50,504	10.3		78,588	16.0	49,334	10.0		29,254	
1981	4,932	78,538	15.9	49,780	10.1		76,758	15.6	48,645	9.9		28,113	
1982	4,930	78,334	15.9	49,145	10.0		76,648	15.5	48,126	9.8		28,522	
1983	4,944	77,061	15.6	50,540	10.2		75,505	15.3	49,381	10.0		26,124	

Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000 Population and Natural Increase: Missouri, 1945-2015

Year	Estimated Mid-Year Population (Thousands)	Recorded						Resident					
		Births			Deaths			Births			Deaths		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1984	4,976	76,293	15.3	50,232	10.1	74,422	15.0	48,890	9.8	25,532			
1985	5,002	78,760	15.7	51,635	10.3	76,697	15.3	50,098	10.0	26,599			
1986	5,024	77,105	15.3	51,350	10.2	75,116	15.0	49,971	9.9	25,145			
1987	5,057	76,909	15.2	52,016	10.3	74,830	14.8	50,362	10.0	24,468			
1988	5,083	78,331	15.4	52,265	10.3	76,101	15.0	50,619	10.0	25,482			
1989	5,096	79,866	15.7	51,679	10.1	77,755	15.3	50,169	9.8	27,586			
1990	5,117	81,416	15.9	51,786	10.1	79,135	15.5	50,212	9.8	28,923			
1991	5,171	81,076	15.7	52,362	10.1	78,468	15.2	50,711	9.8	27,757			
1992	5,217	78,720	15.1	52,513	10.1	76,005	14.6	50,893	9.8	25,112			
1993	5,271	77,986	14.8	55,322	10.5	75,146	14.3	53,655	10.2	21,491			
1994	5,324	76,381	14.3	55,398	10.4	73,279	13.8	53,611	10.1	19,668			
1995	5,378	75,980	14.1	56,062	10.4	72,804	13.5	54,222	10.1	18,582			
1996	5,432	76,504	14.1	55,517	10.2	73,733	13.6	53,766	9.9	19,967			
1997	5,481	76,650	14.0	55,887	10.2	73,940	13.5	54,203	9.9	19,737			
1998	5,522	77,701	14.1	56,708	10.3	75,242	13.6	54,849	9.9	20,393			
1999	5,562	77,371	13.9	57,621	10.4	75,366	13.6	55,732	10.0	19,634			
2000	5,597	78,302	14.0	56,395	10.1	76,329	13.6	54,602	9.8	21,727			
2001	5,641	76,690	13.6	56,343	10.0	75,290	13.3	54,601	9.7	20,689			
2002	5,675	76,366	13.5	57,406	10.1	75,167	13.2	55,637	9.8	19,530			
2003	5,709	77,878	13.6	56,903	10.0	76,960	13.5	55,195	9.7	21,765			
2004	5,748	78,591	13.7	55,363	9.6	77,709	13.5	53,787	9.4	23,922			
2005	5,790	79,525	13.7	56,091	9.7	78,547	13.6	54,324	9.4	24,223			
2006	5,843	82,456	14.1	56,279	9.6	81,353	13.9	54,475	9.3	26,878			
2007	5,888	82,823	14.1	55,888	9.5	81,883	13.9	53,937	9.2	27,946			
2008	5,924	81,991	13.8	58,377	9.9	80,944	13.7	56,278	9.5	24,666			
2009	5,961	79,593	13.4	56,148	9.4	78,849	13.2	54,064	9.1	24,785			
2010	5,989	77,588	13.0	57,303	9.6	76,718	12.8	55,054	9.2	21,664			
2011	6,011	77,135	12.8	57,794	9.6	76,069	12.7	55,599	9.3	20,470			
2012	6,025	76,411	12.7	58,117	9.6	75,400	12.5	55,783	9.3	19,617			
2013	6,045	76,390	12.6	59,456	9.8	75,244	12.4	57,256	9.5	17,988			
2014	6,064	76,725	12.7	60,297	10.0	75,104	12.4	58,141	9.6	16,963			
2015	6,084	76,169	12.6	61,995	10.3	75,042	12.4	59,810	9.9	15,232			

Graph B. Total Fertility Rates: Missouri, 1911-2015

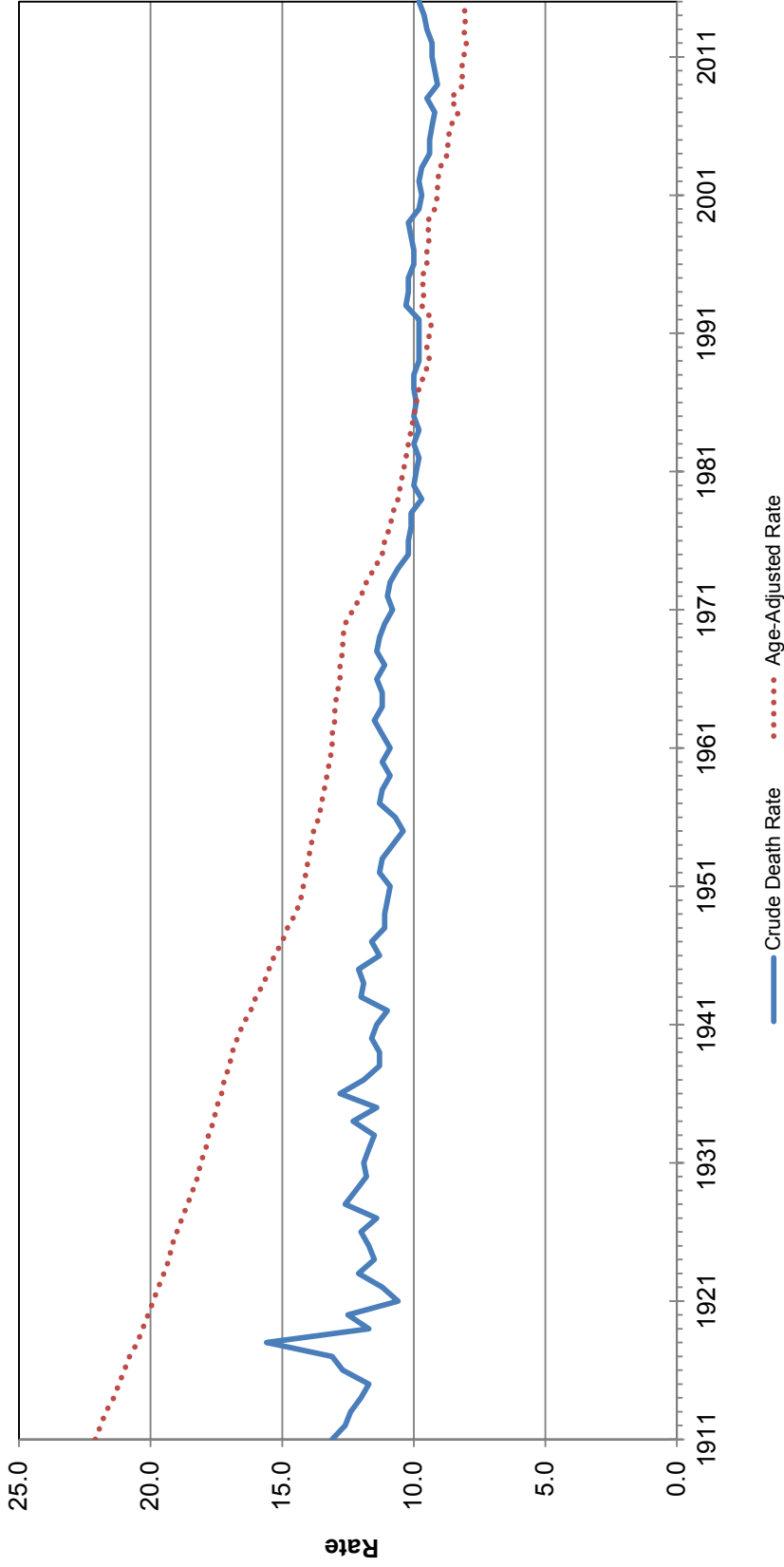


Year	Total Fertility Rate	Year	Total Fertility Rate	Year	Total Fertility Rate
1911	2.71	1945	2.16	1980	1.90
1915	2.55	1950	2.92	1985	1.85
1920	2.33	1955	3.39	1990	2.00
1925	2.37	1960	3.63	1995	1.89
1930	2.09	1965	2.79	2000	2.00
1935	1.99	1970	2.40	2005	2.03
1940	2.02	1975	1.76	2010	1.94
				2011	1.91
				2012	1.89
				2013	1.88
				2014	1.87
				2015	1.86

Table 3. Fertility Rates per 1,000 Females by Age of Mother: Missouri, 1911-2015

Year	General Fertility Rate	Age of Mother																	
		Under 15	Total	15-19					18-19					20-24	25-29	30-34	35-39	40-44	45+
				15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+								
1911	93.3	0.4	48.8	---	---	---	---	---	---	---	134.2	133.5	109.6	77.7	33.5	3.8			
1915	88.8	0.3	50.4	---	---	---	---	---	---	---	136.4	126.2	97.5	67.7	27.7	3.2			
1920	80.6	0.4	49.6	---	---	---	---	---	---	---	129.3	113.3	85.0	59.6	25.0	3.0			
1925	81.1	0.4	56.7	---	---	---	---	---	---	---	129.5	120.2	83.8	57.7	22.5	2.4			
1930	71.1	0.5	54.1	---	---	---	---	---	---	---	115.5	103.6	79.8	46.7	18.3	2.0			
1935	68.0	0.5	52.5	---	---	---	---	---	---	---	116.0	96.9	69.3	43.6	16.8	1.6			
1940	69.1	0.4	54.5	---	---	---	---	---	---	---	123.6	104.8	69.8	37.1	13.2	1.4			
1945	73.2	0.5	50.2	---	---	---	---	---	---	---	121.7	114.2	81.4	47.5	14.9	1.2			
1950	98.6	0.9	82.6	---	---	---	---	---	---	---	189.5	153.4	95.2	48.1	14.0	1.0			
1955	112.3	0.8	95.3	---	---	---	---	---	---	---	229.0	174.2	106.9	55.7	15.2	1.0			
1960	118.1	0.9	99.0	---	---	---	---	---	---	---	254.4	187.5	110.5	56.5	16.5	1.0			
1965	93.0	0.9	75.1	---	---	---	---	---	---	---	188.7	146.5	87.1	45.0	13.5	0.8			
1970	85.6	1.1	71.8	---	---	---	---	---	---	---	163.3	137.2	67.7	30.1	8.8	0.5			
1975	65.9	1.3	60.0	41.1	89.0	110.1	106.6	51.1	18.8	4.6	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	100.0	116.6	90.2	36.0	7.2	0.4			
2011	64.7	0.3	34.5	15.8	61.1	96.4	115.1	91.0	37.4	7.3	96.4	115.1	91.0	37.4	7.3	0.3			
2012	64.2	0.4	32.2	13.8	58.9	93.3	114.9	91.3	37.8	7.5	93.3	114.9	91.3	37.8	7.5	0.4			
2013	64.0	0.2	30.0	12.6	55.6	90.3	116.3	92.4	39.0	7.0	90.3	116.3	92.4	39.0	7.0	0.4			
2014	63.9	0.3	27.2	11.7	50.4	88.6	115.5	94.5	39.6	7.5	88.6	115.5	94.5	39.6	7.5	0.4			
2015	63.8	0.2	25.0	10.3	47.6	87.3	115.0	96.3	41.2	7.0	87.3	115.0	96.3	41.2	7.0	0.4			

Graph C. Crude and Age-Adjusted Death Rates* per 1,000 Population: Missouri, 1911-2015



Year	Crude	Age-Adj.	Year	Crude	Age-Adj.	Year	Crude	Age-Adj.
1911	13.1	22.1	1945	12.1	15.5	1980	10.0	10.5
1915	11.7	21.2	1950	11.0	14.3	1985	10.0	10.0
1920	12.5	20.1	1955	10.4	13.8	1990	9.8	9.5
1925	11.7	19.2	1960	11.2	13.2	1995	10.2	9.7
1930	11.8	18.2	1965	11.2	12.9	2000	9.8	9.2
1935	11.4	17.5	1970	11.1	12.6	2005	9.4	8.7
1940	11.6	16.7	1975	10.2	11.2	2010	9.2	8.2
						2011	9.3	8.1
						2012	9.3	8.0
						2013	9.5	8.1
						2014	9.6	8.0
						2015	9.8	8.2

*United States 2000 population distribution used as the standard.

Table 4. Age-Specific Death Rates per 1,000 Population: Missouri, 1911-2015

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
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	144.4
2012	8.0	6.6	0.3	0.2	0.8	1.3	2.0	4.7	9.4	20.1	50.2	141.4
2013	8.1	6.5	0.3	0.2	0.8	1.2	2.1	4.7	9.8	20.2	50.6	143.3
2014	8.0	6.1	0.3	0.1	0.8	1.3	2.1	4.8	10.1	20.2	50.6	140.1
2015	8.2	6.5	0.3	0.2	0.9	1.4	2.1	4.8	10.2	20.3	50.8	142.3

*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, 2015

	All Races	White Non-Hisp	Black Non-Hisp	Other Non-Hisp*	Hispanic, Any Race
Total	75,042	55,927	10,586	4,425	4,040
Gender					
Male	38,385	28,658	5,305	2,362	2,033
Female	36,657	27,269	5,281	2,063	2,007
Attendant					
MD	59,566	43,487	9,309	3,633	3,095
DO	11,540	9,283	993	605	651
CNN/CM	2,535	1,949	162	150	271
CPM	558	523	6	15	8
Other Midwife	279	276	1	2	0
Other	564	409	115	20	15
Birthplace					
Hospital	73,398	54,428	10,525	4,383	4,007
Birthing Center	367	330	13	15	9
Clinic	40	40	0	0	0
Home Residence	1,131	1,045	37	23	17
...Planned	1,028	985	6	17	13
...Unplanned	95	54	30	5	4
Other	106	84	11	4	7
Month of Birth					
January	6,134	4,534	914	343	338
February	5,658	4,222	796	372	263
March	6,372	4,752	921	353	342
April	6,046	4,596	841	345	260
May	6,176	4,588	866	391	329
June	6,186	4,614	864	350	353
July	6,765	5,075	916	396	375
August	6,544	4,879	922	378	356
September	6,590	4,967	875	381	361
October	6,105	4,580	830	356	332
November	6,004	4,398	887	369	345
December	6,462	4,722	954	391	386
Number Born					
Singleton	72,284	53,864	10,115	4,312	3,932
Twin	2,675	1,983	468	113	108
Triplet	71	68	3	0	0
Quadruplet or More	12	12	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	52,386	39,588	6,670	3,179	2,919
One	14,493	10,586	2,352	787	759
Two or More	7,764	5,470	1,511	429	342
Unknown	399	283	53	30	20
Maternal Smoking					
Non-smoker	58,311	42,442	8,621	3,661	3,559
3 Months Prior	15,968	13,069	1,731	727	439
During Pregnancy	11,802	9,747	1,288	518	247
...First Trimester	11,471	9,491	1,235	503	240
...Second Trimester	9,804	8,184	1,001	432	186
...Last 3 Months	9,238	7,736	935	403	163
...Smoked Pack per Day	1,679	1,426	166	52	35
...Quit Smoking	2,531	1,993	344	112	81
Status Unknown	634	327	203	32	38
Full-Term Singleton, Maternal Weight Gain					
Less than 15 Pounds	7,822	5,307	1,486	463	562
15 to 24 Pounds	10,877	7,823	1,557	753	739
25 to 34 Pounds	17,540	13,490	2,031	1,071	943
35 to 44 Pounds	14,813	11,644	1,607	845	711
45 or More Pounds	13,539	10,481	1,811	704	537
Unknown	1,910	1,153	446	139	146
Maternal Weight Status Before Pregnancy					
Underweight	2,961	2,191	388	259	123
Normal	33,919	26,285	3,747	2,244	1,626
Overweight	17,950	13,114	2,716	984	1,129
Obese	19,281	13,815	3,558	861	1,041
Principal Payment Source					
Medicaid	29,878	18,590	7,566	1,804	1,900
Private Insurance	40,055	33,697	2,642	2,284	1,404
Self-pay	2,703	1,864	136	196	502
Other	1,571	1,180	147	89	154
Unknown	835	596	95	52	80

	Number	Percent
<u>Live Births</u>	75,042	100.0
<u>Pregnancy Risk Factors</u>	21,947	29.2
...Pregnancy Diabetes	601	0.8
...Gestational Diabetes	4,147	5.5
...Insulin-dependent Diabetes	603	0.8
...Pregnancy Hypertension	1,580	2.1
...Gestational Hypertension	5,264	7.0
...Eclampsia	383	0.5
...Previous Preterm Births	2,825	3.8
...Other Poor Pregnancy Outcomes	1,077	1.4
...Infertility Treatment	903	1.2
...Previous Cesarean Delivery	10,498	14.0
<u>Infections</u>	2,272	3.0
...Gonorrhea	250	0.3
...Syphilis	32	0.0
...Chlamydia	1,635	2.2
...Hepatitis B	105	0.1
...Hepatitis C	408	0.5
...HIV	47	0.1
<u>Obstetric Procedures</u>	1,335	1.8
...Cervical Cerclage	302	0.4
...Tocolysis	886	1.2
...External Cephalic Version	208	0.3
....Successful*	93	44.7
<u>Onset of Labor</u>	6,760	9.0
...Premature Membrane Rupture	2,760	3.7
...Precipitous Labor	3,248	4.3
...Prolonged Labor	1,011	1.3

	Number	Percent
<u>Characteristics of Labor</u>	66,147	88.1
...Induction of Labor	24,466	32.6
...Augmentation of Labor	18,197	24.2
...Non-vertex Presentation	1,143	1.5
...Steroids for Lung Maturation	1,703	2.3
...Antibiotics for Mother	20,721	27.6
...Clinical Chorioamnionitis	1,094	1.5
...Meconium Staining	4,407	5.9
...Fetal Intolerance of Labor	3,782	5.0
...Epidural Given	58,544	78.0
<u>Final Delivery Route and Method</u>		
...Vaginal/Spontaneous	49,812	66.4
...Vaginal/Forceps	536	0.7
...Vaginal/Vacuum	1,851	2.5
...Cesarean	22,733	30.3
....Vaginal Trial Prior to Cesarean**	7,506	33.0
...Attempted Forceps (unsuccessful)	278	0.4
...Attempted Vacuum (unsuccessful)	513	0.7
...Vaginal After Previous Cesarean (VBAC)***	1,621	15.4
<u>Fetal Presentation:</u>		
...Cephalic	70,767	94.3
...Breech	3,001	4.0
...Other	658	0.9

	Number	Percent
<u>Abnormal Conditions of Newborn</u>	8,289	11.0
...Assisted Ventilation Immediate	4,099	5.5
...Assisted Ventilation, Long-term	1,343	1.8
...NICU Admission	6,073	8.1
...Surfactant Therapy	573	0.8
...Antibiotics for Suspected Sepsis	1,976	2.6
...Seizures or Neurological Problems	47	0.1
...Birth Injury	78	0.1
<u>Congenital Anomalies</u>	356	0.5
...Anencephaly	6	0.0
...Spina Bifida	23	0.0
...Cyanotic Heart Disease	57	0.1
...Diaphragmatic Hernia	13	0.0
...Omphalocele	14	0.0
...Gastrochisis	36	0.0
...Limb Reduction	7	0.0
...Cleft Lip (with or without Cleft Palate)	50	0.1
...Cleft Palate (alone)	20	0.0
...Down Syndrome	52	0.1
...Other Chromosomal	29	0.0
...Hypospadias	73	0.1
<u>Maternal Morbidity</u>	1,134	1.5
...Maternal Transfusion	283	0.4
...Perinatal Laceration (3rd or 4th degree)	604	0.8
...Ruptured Uterus	36	0.0
...Unplanned Hysterectomy	29	0.0
...Admission to ICU	116	0.2
...Unplanned OR Procedure	205	0.3

Table 6. Resident Live Births by Race and Age of Mother by Marital Status and Live Birth Order: Missouri, 2015

	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	75,042	28,145	24,009	13,182	5,608	4,098	30,351	13,279	8,517	4,828	2,129	1,598
Under 15	43	42	1	0	0	0	42	42	0	0	0	0
15-17	1,206	1,113	84	9	0	0	1,154	1,070	76	8	0	0
18-19	3,629	2,907	614	91	13	4	3,124	2,553	486	72	11	2
20-24	18,473	9,162	6,169	2,307	634	201	12,058	6,251	3,842	1,432	416	117
25-29	23,315	8,247	7,851	4,385	1,807	1,025	7,966	2,162	2,602	1,851	823	528
30-34	19,335	5,016	6,676	4,247	1,936	1,460	4,048	823	1,117	1,010	551	547
35-39	7,644	1,423	2,270	1,878	1,030	1,043	1,609	305	334	384	265	321
40-44	1,287	207	319	250	176	335	316	62	51	65	58	80
45 and Over	84	18	17	11	9	29	13	2	4	2	3	2
Unknown	26	10	8	4	3	1	21	9	5	4	2	1
White, Non-Hispanic	55,927	21,369	18,435	9,695	3,865	2,563	18,489	8,738	5,260	2,725	1,094	672
Under 15	18	18	0	0	0	0	18	18	0	0	0	0
15-17	717	674	39	4	0	0	679	642	34	3	0	0
18-19	2,477	2,031	397	43	4	2	2,050	1,732	286	29	3	0
20-24	12,798	6,514	4,331	1,487	377	89	7,446	4,057	2,388	764	201	36
25-29	17,802	6,720	6,158	3,181	1,170	573	4,781	1,462	1,628	1,069	415	207
30-34	15,305	4,124	5,477	3,338	1,427	939	2,383	558	682	590	296	257
35-39	5,821	1,115	1,775	1,454	760	717	931	219	203	226	143	140
40-44	907	154	236	177	118	222	178	44	31	40	32	31
45 and Over	66	14	15	9	7	21	12	2	4	2	3	1
Unknown	16	5	7	2	2	0	11	4	4	2	1	0
Black, Non-Hispanic	10,586	3,536	2,984	2,014	1,059	993	8,166	2,959	2,276	1,492	757	682
Under 15	16	16	0	0	0	0	16	16	0	0	0	0
15-17	264	234	27	3	0	0	261	233	25	3	0	0
18-19	698	524	129	36	7	2	677	510	124	35	6	2
20-24	3,593	1,616	1,157	550	194	76	3,249	1,492	1,030	494	175	58
25-29	3,123	679	952	751	408	333	2,313	476	707	569	307	254
30-34	1,888	323	500	453	281	331	1,145	171	304	282	174	214
35-39	828	118	191	184	141	194	425	50	76	91	81	127
40-44	161	22	27	35	26	51	75	9	10	17	14	25
45 and Over	11	2	1	1	2	5	1	0	0	0	0	1
Unknown	4	2	0	1	0	1	4	2	0	1	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, 2015

	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	4,878	4,062	699	117	4,320	3,665	562	93	88.6	90.2	80.4	79.5
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	11	10	1	0	10	10	0	0	90.9	100.0	0.0	---
14	32	32	0	0	32	32	0	0	100.0	100.0	---	---
15	122	120	2	0	120	118	2	0	98.4	98.3	100.0	---
16	365	345	19	1	348	333	14	1	95.3	96.5	73.7	100.0
17	719	648	63	8	686	619	60	7	95.4	95.5	95.2	87.5
18	1,398	1,210	166	22	1,243	1,091	135	17	88.9	90.2	81.3	77.3
19	2,231	1,697	448	86	1,881	1,462	351	68	84.3	86.2	78.3	79.1
White, Non-Hispanic	3,212	2,723	436	53	2,747	2,392	320	35	85.5	87.8	73.4	66.0
10	0	0	0	0	0	0	0	0	---	---	---	---
11	0	0	0	0	0	0	0	0	---	---	---	---
12	0	0	0	0	0	0	0	0	---	---	---	---
13	3	3	0	0	3	3	0	0	100.0	100.0	---	---
14	15	15	0	0	15	15	0	0	100.0	100.0	---	---
15	62	62	0	0	61	61	0	0	98.4	98.4	---	---
16	212	203	9	0	198	192	6	0	93.4	94.6	66.7	---
17	443	409	30	4	420	389	28	3	94.8	95.1	93.3	75.0
18	955	848	97	10	826	748	71	7	86.5	88.2	73.2	70.0
19	1,522	1,183	300	39	1,224	984	215	25	80.4	83.2	71.7	64.1
Black, Non-Hispanic	978	774	156	48	954	759	149	46	97.5	98.1	95.5	95.8
10	0	0	0	0	0	0	0	0	---	---	---	---
11	0	0	0	0	0	0	0	0	---	---	---	---
12	0	0	0	0	0	0	0	0	---	---	---	---
13	5	5	0	0	5	5	0	0	100.0	100.0	---	---
14	11	11	0	0	11	11	0	0	100.0	100.0	---	---
15	36	34	2	0	36	34	2	0	100.0	100.0	100.0	---
16	83	78	4	1	82	78	3	1	98.8	100.0	75.0	100.0
17	145	122	21	2	143	121	20	2	98.6	99.2	95.2	100.0
18	256	206	39	11	250	202	38	10	97.7	98.1	97.4	90.9
19	442	318	90	34	427	308	86	33	96.6	96.9	95.6	97.1

Table 8. Percent Resident Low Birth Weight and Resident Live Births by Birth Weight by Race and Age of Mother: Missouri, 2015

	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	8.4	75,042	124	421	597	1,271	3,857	13,159	28,296	20,907	5,505	864	41			
Under 15	11.6	43	0	0	0	1	4	10	18	9	1	0	0			
15-17	9.5	1,206	8	10	8	17	72	278	498	258	52	4	1			
18-19	10.3	3,629	5	38	36	54	242	768	1,423	866	186	11	0			
20-24	8.7	18,473	31	112	149	306	1,014	3,790	7,279	4,582	1,044	151	15			
25-29	7.8	23,315	40	107	176	369	1,118	3,991	8,882	6,606	1,753	261	12			
30-34	7.9	19,335	27	81	139	348	928	2,894	6,998	5,960	1,668	286	6			
35-39	8.8	7,644	12	57	67	139	400	1,196	2,703	2,259	681	125	5			
40 and Over	11.2	1,371	1	16	22	36	78	228	482	363	117	26	2			
White,	7.2	55,927	65	235	382	828	2,522	8,703	20,957	16,873	4,593	738	31			
Non-Hispanic	16.7	18	0	0	0	1	2	2	8	5	0	0	0			
Under 15	9.4	717	4	7	5	11	40	140	290	177	38	4	1			
15-17	9.0	2,477	1	21	23	34	145	454	969	674	146	10	0			
18-19	7.1	12,798	16	58	89	151	600	2,309	5,091	3,510	836	126	12			
20-24	6.7	17,802	23	65	120	245	737	2,739	6,762	5,396	1,484	223	8			
25-29	7.0	15,305	14	43	89	262	667	2,070	5,465	5,010	1,426	254	5			
30-34	7.9	5,821	7	30	43	99	278	837	2,047	1,810	566	100	4			
35-39	10.4	973	0	11	13	25	52	150	318	288	94	21	1			
40 and Over	14.8	10,586	49	138	160	323	898	2,791	3,986	1,819	371	47	4			
Black,	12.5	16	0	0	0	0	2	5	5	3	1	0	0			
Non-Hispanic	12.5	264	3	1	2	5	22	82	106	36	7	0	0			
Under 15	17.3	698	4	13	11	14	79	202	266	96	12	1	0			
15-17	14.2	3,593	14	44	46	113	293	1,033	1,384	566	91	8	1			
18-19	14.6	3,123	15	29	43	95	274	808	1,166	563	113	16	1			
20-24	14.1	1,888	7	25	34	54	147	447	696	369	97	11	1			
25-29	18.1	828	5	24	19	34	68	174	293	159	42	9	1			
30-34	16.3	172	1	2	5	7	13	40	68	26	8	2	0			
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, 2015

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
State Total	75,042	55,927	10,586	30,351	18,489	8,166	40.4	33.1	77.1
Adair	269	251	10	83	78	2	30.9	31.1	20.0
Andrew	198	191	0	62	59	0	31.3	30.9	---
Atchison	52	51	0	15	14	0	28.8	27.5	---
Audrain	343	303	22	176	145	21	51.3	47.9	95.5
Barry	434	321	2	173	133	1	39.9	41.4	50.0
Barton	156	145	0	53	48	0	34.0	33.1	---
Bates	187	181	0	76	73	0	40.6	40.3	---
Benton	171	158	2	70	63	1	40.9	39.9	50.0
Bollinger	133	130	0	52	50	0	39.1	38.5	---
Boone	2,079	1,477	289	670	350	221	32.2	23.7	76.5
Buchanan	1,157	965	41	587	466	33	50.7	48.3	80.5
Butler	527	455	37	285	226	32	54.1	49.7	86.5
Caldwell	116	113	0	45	43	0	38.8	38.1	---
Callaway	500	454	16	203	176	11	40.6	38.8	68.8
Camden	430	398	3	187	172	1	43.5	43.2	33.3
Cape Girardeau	908	729	109	366	252	87	40.3	34.6	79.8
Carroll	88	83	2	37	34	2	42.0	41.0	100.0
Carter	77	72	0	37	36	0	48.1	50.0	---
Cass	1,125	998	34	385	315	21	34.2	31.6	61.8
Cedar	188	182	0	72	69	0	38.3	37.9	---
Chariton	90	88	0	25	24	0	27.8	27.3	---
Christian	1,075	1,011	3	279	260	1	26.0	25.7	33.3
Clark	93	92	0	39	39	0	41.9	42.4	---
Clay	3,056	2,372	243	1,000	675	130	32.7	28.5	53.5
Clinton	226	219	0	89	86	0	39.4	39.3	---
Cole	895	658	150	374	222	116	41.8	33.7	77.3
Cooper	174	154	7	70	56	7	40.2	36.4	100.0
Crawford	284	272	2	120	112	2	42.3	41.2	100.0
Dade	73	72	0	23	23	0	31.5	31.9	---
Dallas	229	221	0	73	69	0	31.9	31.2	---
Davies	116	113	0	38	37	0	32.8	32.7	---
Dekalb	118	114	0	46	44	0	39.0	38.6	---
Dent	213	197	0	100	92	0	46.9	46.7	---
Douglas	152	146	0	60	57	0	39.5	39.0	---

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, 2015

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	
Dunklin	403	286	59	240	154	50	59.6	53.8	84.7						
Franklin	1,240	1,171	4	498	462	2	40.2	39.5	50.0						
Gasconade	164	160	0	66	65	0	40.2	40.6	---						
Gentry	114	112	0	33	31	0	28.9	27.7	---						
Greene	3,565	3,045	99	1,414	1,135	74	39.7	37.3	74.7						
Grundy	136	126	1	52	49	0	38.2	38.9	0.0						
Harrison	110	105	0	40	36	0	36.4	34.3	---						
Henry	250	234	2	116	107	2	46.4	45.7	100.0						
Hickory	64	63	0	28	27	0	43.8	42.9	---						
Holt	41	40	0	12	11	0	29.3	27.5	---						
Howard	126	116	3	46	40	3	36.5	34.5	100.0						
Howell	509	483	1	201	196	0	39.5	40.6	0.0						
Iron	107	102	0	49	46	0	45.8	45.1	---						
Jackson	9,345	5,046	2,494	4,543	1,632	1,946	48.6	32.3	78.0						
Jasper	1,669	1,316	35	744	547	20	44.6	41.6	57.1						
Jefferson	2,581	2,435	16	1,009	946	13	39.1	38.9	81.3						
Johnson	714	589	30	169	145	8	23.7	24.6	26.7						
Knox	42	40	0	13	11	0	31.0	27.5	---						
Laclede	474	448	4	200	187	2	42.2	41.7	50.0						
Lafayette	350	327	3	138	124	2	39.4	37.9	66.7						
Lawrence	486	432	1	169	146	0	34.8	33.8	0.0						
Lewis	120	113	5	42	37	4	35.0	32.7	80.0						
Lincoln	750	699	13	307	271	11	40.9	38.8	84.6						
Linn	149	144	0	69	66	0	46.3	45.8	---						
Livingston	159	153	0	64	61	0	40.3	39.9	---						
McDonald	340	219	11	150	87	2	44.1	39.7	18.2						
Macon	184	174	3	51	45	3	27.7	25.9	100.0						
Madison	141	131	0	64	57	0	45.4	43.5	---						
Maries	105	102	1	42	41	1	40.0	40.2	100.0						
Marion	398	353	13	156	135	7	39.2	38.2	53.8						
Mercer	51	49	0	15	15	0	29.4	30.6	---						
Miller	325	314	0	153	150	0	47.1	47.8	---						
Mississippi	148	115	28	93	62	27	62.8	53.9	96.4						
Moniteau	221	209	1	63	57	1	28.5	27.3	100.0						
Monroe	100	90	4	49	45	3	49.0	50.0	75.0						

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, 2015

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	
Montgomery	124	118	1	1	64	61	1	51.6	51.7	100.0					
Morgan	288	273	1	1	104	97	1	36.1	35.5	100.0					
New Madrid	222	165	42	42	127	83	36	57.2	50.3	85.7					
Newton	675	537	4	4	267	206	3	39.6	38.4	75.0					
Nodaway	220	215	0	0	57	56	0	25.9	26.0	---					
Oregon	125	121	0	0	41	40	0	32.8	33.1	---					
Osage	154	151	0	0	31	30	0	20.1	19.9	---					
Ozark	69	68	0	0	38	37	0	55.1	54.4	---					
Pemiscot	272	141	114	114	191	78	101	70.2	55.3	88.6					
Perry	229	214	0	0	104	96	0	45.4	44.9	---					
Pettis	594	473	15	15	244	170	14	41.1	35.9	93.3					
Phelps	528	430	19	19	175	151	9	33.1	35.1	47.4					
Pike	228	210	4	4	89	78	1	39.0	37.1	25.0					
Platte	1,198	918	95	95	358	247	45	29.9	26.9	47.4					
Polk	367	347	2	2	114	101	2	31.1	29.1	100.0					
Pulaski	776	561	79	79	191	134	27	24.6	23.9	34.2					
Putnam	67	65	0	0	21	21	0	31.3	32.3	---					
Ralls	86	82	2	2	25	23	1	29.1	28.0	50.0					
Randolph	276	253	6	6	124	110	4	44.9	43.5	66.7					
Ray	269	257	2	2	112	104	2	41.6	40.5	100.0					
Reynolds	59	54	0	0	25	21	0	42.4	38.9	---					
Ripley	170	162	0	0	65	63	0	38.2	38.9	---					
St. Charles	4,543	3,841	213	213	1,121	854	116	24.7	22.2	54.5					
St. Clair	83	79	0	0	29	26	0	34.9	32.9	---					
St. Francois	715	681	7	7	328	313	5	45.9	46.0	71.4					
Ste. Genevieve	162	154	1	1	58	55	0	35.8	35.7	0.0					
St. Louis City	4,581	1,658	2,374	2,374	2,666	441	1,990	58.2	26.6	83.8					
St. Louis County	11,676	6,549	3,675	3,675	4,596	1,317	2,836	39.4	20.1	77.2					
Saline	258	200	10	10	125	93	6	48.4	46.5	60.0					
Schuyler	64	63	0	0	19	19	0	29.7	30.2	---					
Scotland	101	99	0	0	20	19	0	19.8	19.2	---					
Scott	473	366	81	81	253	166	72	53.5	45.4	88.9					
Shannon	81	76	0	0	37	35	0	45.7	46.1	---					
Shelby	72	68	0	0	30	28	0	41.7	41.2	---					
Stoddard	342	327	9	9	148	139	6	43.3	42.5	66.7					

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, 2015

Counties	All Live Births			Out-of-Wedlock Births			Percent Out-of-Wedlock		
	All Races	White,	Black,	All Races	White,	Black,	All Races	White,	Black,
		Non-Hispanic	Non-Hispanic		Non-Hispanic	Non-Hispanic		Non-Hispanic	Non-Hispanic
Stone	244	222	1	93	86	0	38.1	38.7	0.0
Sullivan	92	66	5	44	33	2	47.8	50.0	40.0
Taney	655	560	5	293	243	3	44.7	43.4	60.0
Texas	301	293	0	108	104	0	35.9	35.5	---
Vernon	284	266	2	134	124	2	47.2	46.6	100.0
Warren	431	394	13	173	146	11	40.1	37.1	84.6
Washington	312	302	0	144	137	0	46.2	45.4	---
Wayne	151	140	0	71	64	0	47.0	45.7	---
Webster	566	546	0	131	124	0	23.1	22.7	---
Worth	18	18	0	8	8	0	44.4	44.4	---
Wright	228	217	1	87	84	0	38.2	38.7	0.0

Multi-County Cities	All Live Births			Out-of-Wedlock Births			Percent Out-of-Wedlock		
	All Races	White,	Black,	All Races	White,	Black,	All Races	White,	Black,
		Non-Hispanic	Non-Hispanic		Non-Hispanic	Non-Hispanic		Non-Hispanic	Non-Hispanic
Joplin	693	563	25	332	263	15	47.9	46.7	60.0
...Jasper Co. Part	637	515	23	304	240	14	47.7	46.6	60.9
...Newton Co. Part	56	48	2	28	23	1	50.0	47.9	50.0
Kansas City	6,973	3,306	2,200	3,330	893	1,681	47.8	27.0	76.4
...Jackson Co. Part	4,518	1,515	1,932	2,568	418	1,548	56.8	27.6	80.1
...Clay Co. Part	1,819	1,345	191	576	358	100	31.7	26.6	52.4
...Platte Co. Part	635	445	77	186	117	33	29.3	26.3	42.9
...Cass Co. Part	1	1	0	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, 2015

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	328	275	4	46	38	3	14.0	13.8	75.0
Blue Springs	705	567	43	228	171	20	32.3	30.2	46.5
Cape Girardeau	459	310	98	229	126	82	49.9	40.6	83.7
Chesterfield	372	259	18	34	19	6	9.1	7.3	33.3
Columbia	1,373	911	220	425	191	163	31.0	21.0	74.1
Florissant	688	316	316	366	110	223	53.2	34.8	70.6
Gladstone	352	249	26	145	86	16	41.2	34.5	61.5
Hazelwood	299	120	138	169	50	95	56.5	41.7	68.8
Independence	1,602	1,141	173	871	552	143	54.4	48.4	82.7
Jefferson City	544	349	127	259	131	101	47.6	37.5	79.5
Kirkwood	343	294	28	54	30	21	15.7	10.2	75.0
Lee's Summit	1,026	816	85	239	149	55	23.3	18.3	64.7
Liberty	324	266	22	107	78	12	33.0	29.3	54.5
Maryland Heights	375	201	58	102	49	38	27.2	24.4	65.5
O'Fallon	1,002	855	30	235	187	19	23.5	21.9	63.3
Raytown	398	206	131	214	86	97	53.8	41.7	74.0
St. Charles	856	668	55	256	172	36	29.9	25.7	65.5
St. Joseph	1,017	834	39	528	414	31	51.9	49.6	79.5
St. Louis City	4,581	1,658	2,374	2,666	441	1,990	58.2	26.6	83.8
St. Peters	667	563	29	153	124	13	22.9	22.0	44.8
Springfield	2,168	1,784	86	1,049	824	65	48.4	46.2	75.6
University City	439	254	126	141	23	99	32.1	9.1	78.6
Wentzville	531	468	30	119	89	17	22.4	19.0	56.7
Wildwood	231	200	3	14	10	1	6.1	5.0	33.3

Table 10A. Resident Live Births by Selected Characteristics by Race and Hispanic Origin of Mother: Missouri, 2015

	<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	75,042	100.0	55,927	100.0	10,586	100.0	4,425	100.0	4,040	100.0
Birth Weight: Under 2500 Grams	6,270	8.4	4,032	7.2	1,568	14.8	379	8.6	290	7.2
Birth Weight: Above 4499 Grams	864	1.2	738	1.3	47	0.4	25	0.6	52	1.3
Gestational Age: Less than 37 Weeks	7,507	10.0	5,245	9.4	1,497	14.2	402	9.1	359	8.9
APGAR (5 Minutes): Less than 8	4,022	5.4	2,814	5.1	805	7.6	216	4.9	183	4.5
Infant Care: NICU Admission	6,073	8.1	4,190	7.5	1,197	11.3	351	7.9	331	8.2
Infant Care: Transfer to Other Facility	1,218	1.6	846	1.5	263	2.5	58	1.3	50	1.2
Place of Birth: At-Home Delivery	1,131	1.5	1,045	1.9	37	0.3	23	0.5	17	0.4
Method of Delivery: Cesarean	22,733	30.3	16,800	30.1	3,393	32.1	1,384	31.3	1,147	28.4
Infant Care: Breastfed After Delivery	56,490	77.8	43,626	80.6	6,040	58.9	3,510	81.8	3,271	83.8
Maternal Smoking: During Pregnancy	11,802	15.9	9,747	17.5	1,288	12.4	518	11.8	247	6.2
...Quit Smoking During Pregnancy	2,531	21.4	1,993	20.4	344	26.7	112	21.6	81	32.8
Mat. Weight: Underweight (BMI < 18.5)	2,961	4.0	2,191	4.0	388	3.7	259	6.0	123	3.1
Mat. Weight: Obese (BMI >= 30)	19,281	26.0	13,815	24.9	3,558	34.2	861	19.8	1,041	26.6
Mat. Sing. Wt. Gain: Low (< 15 lbs)	7,822	12.1	5,307	10.9	1,486	17.5	463	12.1	562	16.1
Mat. Sing. Wt. Gain: High (> 45 lbs)	13,539	21.0	10,481	21.5	1,811	21.3	704	18.4	537	15.4
Mother's Education: Under 12 Yrs.	9,762	13.0	6,020	10.8	1,751	16.6	619	14.0	1,369	34.0
Marital Status: Out-of-Wedlock	30,351	40.4	18,489	33.1	8,166	77.1	1,616	36.5	2,053	50.8
Live Birth Order: 4 or More	9,706	13.0	6,428	11.5	2,052	19.4	486	11.0	721	17.9
Birth Spacing: Less than 18 Months	5,305	12.1	3,689	11.4	1,036	15.9	295	12.3	280	11.1
Prenatal Care: 1st Trimester	52,693	73.5	41,754	77.3	5,819	60.9	2,820	67.3	2,273	59.6
Prenatal Care: 2nd Trimester	14,763	20.6	9,850	18.2	2,737	28.6	1,008	24.0	1,156	30.3
Prenatal Care: 3rd Trimester	3,414	4.8	2,044	3.8	753	7.9	285	6.8	329	8.6
Prenatal Care: None	786	1.1	396	0.7	252	2.6	79	1.9	57	1.5
Prenatal Care: Inadequate	13,688	19.4	8,312	15.6	3,194	33.9	1,040	25.2	1,130	30.0
Maternal Utilization: Medicaid	29,878	40.3	18,590	33.6	7,566	72.1	1,804	41.3	1,900	48.0
Maternal Utilization: WIC	30,572	41.5	19,415	35.2	6,831	66.6	1,854	43.8	2,464	62.2
Maternal Utilization: Food Stamps	20,477	29.3	12,016	23.0	6,141	62.8	1,196	29.5	1,120	30.3
Mother's Age: At Delivery	43	0.1	18	0.0	16	0.2	5	0.1	4	0.1
Under 15	1,206	1.6	717	1.3	264	2.5	97	2.2	127	3.1
15-17	3,629	4.8	2,477	4.4	698	6.6	211	4.8	243	6.0
18-19	18,473	24.6	12,798	22.9	3,593	34.0	990	22.4	1,082	26.8
20-24	23,315	31.1	17,802	31.8	3,123	29.5	1,239	28.0	1,134	28.1
25-29	19,335	25.8	15,305	27.4	1,888	17.8	1,230	27.8	898	22.2
30-34	7,644	10.2	5,821	10.4	828	7.8	531	12.0	448	11.1
35-39	1,371	1.8	973	1.7	172	1.6	120	2.7	103	2.6
40 and over										

*: 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, 2015

	Northeast		Northwest		Central		Southeast		Southwest	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	3,035	100.0	2,946	100.0	8,825	100.0	6,704	100.0	11,574	100.0
Birth Weight: Under 2500 Grams	246	8.1	233	7.9	679	7.7	587	8.8	870	7.5
Birth Weight: Above 4499 Grams	32	1.1	42	1.4	112	1.3	63	0.9	158	1.4
Gestational Age: Less than 37 Weeks	339	11.2	243	8.3	798	9.1	758	11.3	1,058	9.2
APGAR (5 Minutes): Less than 8	227	7.5	107	3.7	625	7.1	345	5.2	519	4.6
Infant Care: NICU Admission	229	7.5	187	6.3	712	8.1	431	6.4	909	7.9
Infant Care: Transfer to Other Facility	80	2.6	46	1.6	186	2.1	195	2.9	88	0.8
Place of Birth: At-Home Delivery	164	5.4	82	2.8	119	1.3	81	1.2	354	3.1
Method of Delivery: Cesarean	906	29.9	866	29.5	2,772	31.5	2,198	32.8	3,138	27.2
Infant Care: Breastfed After Delivery	2,269	78.3	2,160	74.9	6,708	79.6	3,941	61.4	9,145	82.9
Maternal Smoking: During Pregnancy	689	22.9	601	20.5	1,637	18.8	1,703	25.6	2,168	18.8
...Quit Smoking During Pregnancy	114	16.5	121	20.1	302	18.4	276	16.2	470	21.7
Mat. Weight: Underweight (BMI < 18.5)	123	4.1	90	3.1	340	3.9	326	4.9	556	4.9
Mat. Weight: Obese (BMI >= 30)	860	28.9	827	28.5	2,342	26.9	1,975	29.7	3,049	26.8
Mat. Sing. Wt. Gain: Low (< 15 lbs)	377	14.5	333	12.9	1,038	13.4	777	13.7	1,268	12.4
Mat. Sing. Wt. Gain: High (> 45 lbs)	510	19.6	488	19.0	1,571	20.3	1,273	22.4	2,212	21.7
Mother's Education: Under 12 Yrs.	559	18.4	429	14.6	1,182	13.4	1,152	17.2	1,983	17.2
Marital Status: Out-of-Wedlock	1,155	38.1	1,104	37.5	3,303	37.4	3,128	46.7	4,425	38.2
Live Birth Order: 4 or More	459	15.1	410	14.0	1,114	12.6	871	13.0	1,710	14.8
Birth Spacing: Less than 18 Months	231	12.6	233	13.0	635	12.3	562	14.1	935	13.4
Prenatal Care: 1st Trimester	2,254	76.3	2,182	75.8	6,438	75.1	4,622	71.0	7,647	68.5
Prenatal Care: 2nd Trimester	538	18.2	522	18.1	1,721	20.1	1,497	23.0	2,751	24.7
Prenatal Care: 3rd Trimester	146	4.9	147	5.1	368	4.3	327	5.0	619	5.5
Prenatal Care: None	16	0.5	26	0.9	40	0.5	62	1.0	143	1.3
Prenatal Care: Inadequate	620	21.1	501	17.5	1,458	17.3	1,305	20.4	2,507	23.1
Maternal Utilization: Medicaid	1,228	41.1	1,118	38.2	3,298	37.6	3,833	58.0	5,272	46.0
Maternal Utilization: WIC	1,494	49.7	1,242	42.8	3,758	43.3	4,029	61.0	5,651	49.6
Maternal Utilization: Food Stamps	795	29.0	741	26.5	2,409	28.2	2,600	41.1	3,314	30.4
Mother's Age: At Delivery										
Under 15	2	0.1	0	0	2	0.0	9	0.1	5	0.0
15-17	66	2.2	56	1.9	148	1.7	183	2.7	204	1.8
18-19	141	4.6	142	4.8	485	5.5	513	7.7	707	6.1
20-24	941	31.0	884	30.0	2,310	26.2	2,213	33.0	3,474	30.0
25-29	1,010	33.3	977	33.2	2,919	33.1	2,038	30.4	3,592	31.0
30-34	611	20.1	625	21.2	2,059	23.3	1,202	17.9	2,476	21.4
35-39	220	7.2	219	7.4	763	8.6	469	7.0	936	8.1
40 and over	44	1.4	42	1.4	135	1.5	73	1.1	179	1.5

Table 10B. Resident Live Births by Selected Characteristics by BRFSS Region and Metro vs Non-Metro Area: Missouri, 2015

	<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	26,086	100.0	15,872	100.0	56,843	100.0	18,199	100.0
Birth Weight: Under 2500 Grams	2,385	9.1	1,270	8.0	4,801	8.5	1,469	8.1
Birth Weight: Above 4499 Grams	274	1.1	183	1.2	659	1.2	205	1.1
Gestational Age: Less than 37 Weeks	2,831	10.9	1,480	9.3	5,657	10.0	1,850	10.2
APGAR (5 Minutes): Less than 8	1,371	5.3	828	5.2	2,868	5.1	1,154	6.4
Infant Care: NICU Admission	1,940	7.4	1,665	10.5	4,889	8.6	1,184	6.5
Infant Care: Transfer to Other Facility	462	1.8	161	1.0	720	1.3	498	2.7
Place of Birth: At-Home Delivery	147	0.6	184	1.2	652	1.1	479	2.6
Method of Delivery: Cesarean	8,490	32.6	4,363	27.5	17,085	30.1	5,648	31.1
Infant Care: Breastfed After Delivery	19,527	76.5	12,740	82.4	43,956	79.7	12,534	71.8
Maternal Smoking: During Pregnancy	2,974	11.5	2,030	12.9	7,485	13.3	4,317	23.9
...Quit Smoking During Pregnancy	718	24.1	530	26.1	1,796	24.0	735	17.0
Mat. Weight: Underweight (BMI < 18.5)	945	3.7	581	3.7	2,148	3.8	813	4.5
Mat. Weight: Obese (BMI >= 30)	6,260	24.3	3,968	25.3	14,136	25.2	5,145	28.7
Mat. Sing. Wt. Gain: Low (< 15 lbs)	2,296	10.4	1,733	12.6	5,631	11.5	2,191	14.0
Mat. Sing. Wt. Gain: High (> 45 lbs)	4,571	20.7	2,914	21.2	10,270	21.0	3,269	20.8
Mother's Education: Under 12 Yrs.	2,427	9.3	2,030	12.8	6,534	11.5	3,228	17.8
Marital Status: Out-of-Wedlock	10,490	40.2	6,746	42.5	22,886	40.3	7,465	41.0
Live Birth Order: 4 or More	3,034	11.7	2,108	13.3	7,121	12.6	2,585	14.2
Birth Spacing: Less than 18 Months	1,582	10.7	1,127	12.0	3,832	11.6	1,473	13.5
Prenatal Care: 1st Trimester	19,042	78.6	10,508	68.4	39,994	74.1	12,699	71.9
Prenatal Care: 2nd Trimester	4,098	16.9	3,636	23.7	10,866	20.1	3,897	22.1
Prenatal Care: 3rd Trimester	813	3.4	994	6.5	2,504	4.6	910	5.2
Prenatal Care: None	264	1.1	235	1.5	637	1.2	149	0.8
Prenatal Care: Inadequate	3,743	15.6	3,554	23.6	10,055	18.9	3,633	20.8
Maternal Utilization: Medicaid	9,338	36.2	5,791	37.0	21,088	37.5	8,790	49.0
Maternal Utilization: WIC	8,349	32.9	6,049	38.7	20,631	37.1	9,941	55.3
Maternal Utilization: Food Stamps	6,722	26.8	3,896	28.9	14,610	27.7	5,867	34.4
Mother's Age: At Delivery								
Under 15	13	0.0	12	0.1	29	0.1	14	0.1
15-17	279	1.1	270	1.7	789	1.4	417	2.3
18-19	920	3.5	721	4.5	2,410	4.2	1,219	6.7
20-24	5,049	19.4	3,602	22.7	12,655	22.3	5,818	32.0
25-29	7,822	30.0	4,957	31.2	17,610	31.0	5,705	31.4
30-34	8,054	30.9	4,308	27.1	15,858	27.9	3,477	19.1
35-39	3,347	12.8	1,690	10.7	6,361	11.2	1,283	7.1
40 and over	590	2.3	308	1.9	1,112	2.0	259	1.4

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	269	100.0	198	100.0	52	100.0	343	100.0	434	100.0	156	100.0	187	100.0
Birth Weight: Under 2500 Grams	12	4.5	19	9.6	2	3.8	22	6.4	48	11.1	16	10.3	17	9.1
Birth Weight: Above 4499 Grams	3	1.1	2	1.0	1	1.9	9	2.6	2	0.5	5	3.2	3	1.6
Gest. Age: Less than 37 Weeks	36	13.4	22	11.1	3	5.8	25	7.3	48	11.1	14	9.0	15	8.0
APGAR (5 Min.): Less than 8	39	14.5	5	2.5	4	7.7	13	3.8	31	7.1	6	3.8	8	4.3
Infant Care: NICU Admission	23	8.6	15	7.6	2	3.8	21	6.1	36	8.3	14	9.0	8	4.3
Infant Care: Transfer	12	4.5	2	1.0	1	1.9	3	0.9	4	0.9	2	1.3	7	3.7
Place of Birth: At-Home Delivery	9	3.3	0	0.0	0	0.0	19	5.5	0	0.0	2	1.3	3	1.6
Method of Delivery: Cesarean	78	29.0	66	33.3	25	48.1	124	36.2	126	29.0	55	35.3	59	31.6
Infant Care: Breastfed	203	76.9	150	77.7	40	76.9	217	66.4	306	73.9	118	79.2	125	70.2
Mat. Smoking: During Preg.	55	20.7	33	16.7	13	25.0	114	33.6	94	21.7	41	26.3	47	25.1
...Quit Smoking During Preg.	5	9.1	7	21.2	5	38.5	18	15.8	16	17.0	9	22.0	13	27.7
Mat. Wt.: Underweight	14	5.3	3	1.5	1	1.9	14	4.2	27	6.3	13	8.4	5	2.7
Mat. Wt.: Obese	73	27.4	61	30.8	15	28.8	110	32.6	120	27.8	42	27.3	50	27.3
Mat. Sing. Wt. Gain: Low	33	14.3	18	10.2	7	14.9	54	17.8	63	16.8	12	8.8	24	14.7
Mat. Sing. Wt. Gain: High	43	18.6	40	22.7	7	14.9	50	16.4	83	22.1	26	19.1	35	21.5
Mother's Education: Under 12 Yrs.	31	11.5	10	5.1	4	7.7	79	23.3	100	23.0	26	16.7	26	13.9
Marital Status: Out-of-Wedlock	83	30.9	62	31.3	15	28.8	176	51.3	173	39.9	53	34.0	76	40.6
Live Birth Order: 4 or More	43	16.0	22	11.1	6	11.5	68	19.8	84	19.4	31	19.9	27	14.4
Birth Spacing: Less than 18 Mos.	21	13.7	15	11.5	4	13.3	23	10.7	38	13.8	16	18.6	15	13.4
Prenatal Care: 1st Trimester	221	82.8	160	81.6	46	88.5	224	68.9	288	68.4	109	71.2	136	73.5
Prenatal Care: 2nd Trimester	38	14.2	31	15.8	6	11.5	79	24.3	107	25.4	40	26.1	42	22.7
Prenatal Care: 3rd Trimester	8	3.0	5	2.6	0	0.0	21	6.5	23	5.5	3	2.0	6	3.2
Prenatal Care: None	0	0.0	0	0.0	0	0.0	1	0.3	3	0.7	1	0.7	1	0.5
Prenatal Care: Inadequate	31	11.5	23	11.9	5	9.6	81	24.9	112	27.4	29	19.2	33	17.9
Maternal Utilization: Medicaid	113	42.0	53	27.0	19	36.5	154	45.3	253	58.4	76	49.4	85	47.0
Maternal Utilization: WIC	126	46.8	65	32.8	19	38.0	165	49.0	273	63.9	79	51.0	100	53.8
Maternal Utilization: FSP	82	30.8	36	18.8	12	27.3	110	33.4	164	43.0	43	31.9	43	30.3
Mother's Age: At Delivery	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.1
15-17	6	2.2	2	1.0	0	0.0	8	2.3	11	2.5	1	0.6	2	1.1
18-19	11	4.1	7	3.5	2	3.8	22	6.4	35	8.1	18	11.5	6	3.2
20-24	67	24.9	55	27.8	17	32.7	107	31.2	145	33.4	54	34.6	61	32.6
25-29	88	32.7	64	32.3	21	40.4	117	34.1	115	26.5	46	29.5	72	38.5
30-34	66	24.5	47	23.7	10	19.2	56	16.3	85	19.6	26	16.7	34	18.2
35-39	23	8.6	16	8.1	2	3.8	26	7.6	35	8.1	8	5.1	10	5.3
40 and over	7	2.6	7	3.5	0	0.0	7	2.0	8	1.8	3	1.9	0	0.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	171	100.0	133	100.0	2,079	100.0	1,157	100.0	527	100.0	116	100.0	500	100.0
Birth Weight: Under 2500 Grams	16	9.4	12	9.0	184	8.9	92	8.0	48	9.1	9	7.8	42	8.4
Birth Weight: Above 4499 Grams	5	2.9	2	1.5	26	1.3	14	1.2	5	1.0	1	0.9	3	0.6
Gest. Age: Less than 37 Weeks	15	8.8	19	14.3	186	9.0	84	7.3	89	16.9	13	11.2	60	12.0
APGAR (5 Min.): Less than 8	13	7.8	5	3.8	147	7.1	21	1.8	20	3.8	7	6.0	35	7.0
Infant Care: NICU Admission	8	4.7	14	10.5	250	12.0	76	6.6	32	6.1	8	6.9	59	11.8
Infant Care: Transfer	4	2.3	1	0.8	12	0.6	17	1.5	37	7.0	6	5.2	6	1.2
Place of Birth: At-Home Delivery	9	5.3	1	0.8	21	1.0	7	0.6	2	0.4	3	2.6	6	1.2
Method of Delivery: Cesarean	54	31.6	43	32.3	731	35.2	326	28.2	153	29.0	34	29.8	161	32.2
Infant Care: Breastfed	112	71.8	89	71.8	1,695	86.2	790	69.9	293	56.0	87	78.4	376	80.3
Mat. Smoking: During Preg.	47	27.5	28	21.5	227	11.2	285	24.7	164	31.2	33	28.4	108	21.8
...Quit Smoking During Preg.	11	23.4	5	17.9	65	28.6	61	21.4	33	20.1	7	21.2	19	17.6
Mat. Wt.: Underweight	11	6.5	4	3.1	82	4.0	42	3.7	23	4.4	6	5.2	14	2.8
Mat. Wt.: Obese	54	32.0	43	32.8	492	24.0	346	30.1	144	27.4	33	28.7	152	30.7
Mat. Sing. Wt. Gain: Low	14	9.4	18	17.0	221	12.1	150	14.4	52	12.0	13	13.0	65	15.4
Mat. Sing. Wt. Gain: High	33	22.1	26	24.5	365	19.9	216	20.8	97	22.5	15	15.0	97	22.9
Mother's Education: Under 12 Yrs.	34	20.0	12	9.1	149	7.2	214	18.6	108	20.5	17	14.7	67	13.4
Marital Status: Out-of-Wedlock	70	40.9	52	39.1	670	32.2	587	50.7	285	54.1	45	38.8	203	40.6
Live Birth Order: 4 or More	31	18.1	19	14.4	209	10.1	173	15.0	70	13.3	18	15.5	66	13.2
Birth Spacing: Less than 18 Mos.	17	16.0	15	18.3	128	10.7	114	15.7	49	15.3	12	17.1	30	11.1
Prenatal Care: 1st Trimester	108	63.9	99	76.2	1,733	85.2	840	73.6	400	76.3	86	76.1	391	81.0
Prenatal Care: 2nd Trimester	44	26.0	29	22.3	237	11.7	224	19.6	97	18.5	23	20.4	73	15.1
Prenatal Care: 3rd Trimester	13	7.7	1	0.8	58	2.9	68	6.0	24	4.6	3	2.7	19	3.9
Prenatal Care: None	4	2.4	1	0.8	6	0.3	10	0.9	3	0.6	1	0.9	0	0.0
Prenatal Care: Inadequate	40	24.0	16	12.5	223	11.2	200	17.6	105	20.1	19	17.1	70	14.9
Maternal Utilization: Medicaid	82	50.0	77	58.3	546	26.3	587	50.9	362	68.7	52	45.2	176	35.3
Maternal Utilization: WIC	94	56.0	84	63.6	594	29.5	553	48.6	387	74.1	52	44.8	201	40.6
Maternal Utilization: FSP	62	38.5	50	39.4	454	22.7	405	36.6	240	48.0	36	31.0	143	29.3
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	2	1.2	3	2.3	22	1.1	26	2.2	14	2.7	1	0.9	8	1.6
18-19	11	6.4	8	6.0	58	2.8	75	6.5	41	7.8	8	6.9	32	6.4
20-24	61	35.7	51	38.3	368	17.7	367	31.7	188	35.7	38	32.8	122	24.4
25-29	43	25.1	35	26.3	722	34.7	366	31.6	162	30.7	39	33.6	168	33.6
30-34	35	20.5	19	14.3	621	29.9	219	18.9	79	15.0	21	18.1	124	24.8
35-39	17	9.9	17	12.8	257	12.4	89	7.7	39	7.4	8	6.9	38	7.6
40 and over	2	1.2	0	0.0	30	1.4	15	1.3	4	0.8	1	0.9	8	1.6

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	430	100.0	908	100.0	88	100.0	77	100.0	1,125	100.0	188	100.0	90	100.0
Birth Weight: Under 2500 Grams	34	7.9	64	7.0	5	5.7	6	7.8	93	8.3	11	5.9	8	9.0
Birth Weight: Above 4499 Grams	3	0.7	7	0.8	1	1.1	0	0.0	21	1.9	1	0.5	0	0.0
Gest. Age: Less than 37 Weeks	38	8.9	73	8.1	7	8.0	10	13.0	123	10.9	12	6.5	9	10.0
APGAR (5 Min.): Less than 8	21	4.9	51	5.6	6	6.8	0	0.0	71	6.3	11	5.9	3	3.4
Infant Care: NICU Admission	19	4.4	78	8.6	8	9.1	4	5.2	142	12.6	6	3.2	9	10.0
Infant Care: Transfer	11	2.6	7	0.8	1	1.1	2	2.6	14	1.2	4	2.1	0	0.0
Place of Birth: At-Home Delivery	2	0.5	6	0.7	9	10.2	0	0.0	14	1.2	22	11.7	4	4.4
Method of Delivery: Cesarean	112	26.0	257	28.3	30	34.1	27	35.1	315	28.0	49	26.5	41	45.6
Infant Care: Breastfed	320	77.1	609	71.8	69	79.3	51	66.2	939	86.1	147	82.1	70	81.4
Mat. Smoking: During Preg.	106	24.8	134	14.8	19	21.8	20	26.0	167	14.9	40	21.6	15	16.9
...Quit Smoking During Preg.	19	17.9	18	13.4	1	5.3	2	10.0	45	26.9	3	7.5	2	13.3
Mat. Wt.: Underweight	24	5.6	36	4.0	1	1.2	4	5.3	48	4.3	7	3.8	2	2.2
Mat. Wt.: Obese	99	23.2	243	27.0	22	25.6	20	26.3	279	25.0	43	23.4	25	27.8
Mat. Sing. Wt. Gain: Low	60	15.6	96	12.2	8	10.3	9	13.8	107	11.3	26	15.7	13	16.5
Mat. Sing. Wt. Gain: High	75	19.5	160	20.4	14	17.9	19	29.2	213	22.5	31	18.7	19	24.1
Mother's Education: Under 12 Yrs.	67	15.6	94	10.4	18	20.5	17	22.1	105	9.3	48	25.5	13	14.4
Marital Status: Out-of-Wedlock	187	43.5	366	40.3	37	42.0	37	48.1	385	34.2	72	38.3	25	27.8
Live Birth Order: 4 or More	46	10.7	121	13.4	12	13.8	9	11.7	125	11.2	45	23.9	17	18.9
Birth Spacing: Less than 18 Mos.	38	15.2	58	11.7	8	15.7	5	12.5	60	9.3	18	14.3	6	10.7
Prenatal Care: 1st Trimester	294	70.5	633	71.9	65	76.5	49	65.3	798	73.1	115	62.8	77	87.5
Prenatal Care: 2nd Trimester	103	24.7	212	24.1	13	15.3	21	28.0	238	21.8	53	29.0	8	9.1
Prenatal Care: 3rd Trimester	15	3.6	27	3.1	6	7.1	4	5.3	45	4.1	12	6.6	2	2.3
Prenatal Care: None	5	1.2	9	1.0	1	1.2	1	1.3	10	0.9	3	1.6	1	1.1
Prenatal Care: Inadequate	74	18.0	138	15.8	15	17.4	20	26.7	192	18.0	45	25.1	11	12.8
Maternal Utilization: Medicaid	235	54.7	359	39.9	39	44.3	48	62.3	340	30.9	79	43.9	29	32.2
Maternal Utilization: WIC	231	54.4	342	38.2	39	44.8	51	66.2	364	32.6	92	49.5	35	38.9
Maternal Utilization: FSP	154	37.2	240	27.1	23	28.0	26	36.1	179	21.9	60	32.6	18	20.2
Mother's Age: At Delivery	0	0.0	1	0.1	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0
15-17	16	3.7	15	1.7	2	2.3	2	2.6	20	1.8	6	3.2	1	1.1
18-19	24	5.6	43	4.7	3	3.4	6	7.8	49	4.4	15	8.0	4	4.4
20-24	128	29.8	235	25.9	24	27.3	28	36.4	265	23.6	60	31.9	21	23.3
25-29	134	31.2	297	32.7	32	36.4	21	27.3	375	33.3	49	26.1	40	44.4
30-34	98	22.8	221	24.4	21	23.9	10	13.0	286	25.4	32	17.0	16	17.8
35-39	22	5.1	86	9.5	6	6.8	8	10.4	116	10.3	21	11.2	7	7.8
40 and over	8	1.9	9	1.0	0	0.0	1	1.3	14	1.2	5	2.7	1	1.1

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	1,075	100.0	93	100.0	3,056	100.0	226	100.0	895	100.0	174	100.0	284	100.0
Birth Weight: Under 2500 Grams	78	7.3	7	7.5	187	6.1	20	8.9	76	8.5	7	4.0	21	7.4
Birth Weight: Above 4499 Grams	14	1.3	1	1.1	41	1.3	1	0.4	12	1.3	2	1.1	3	1.1
Gest. Age: Less than 37 Weeks	104	9.7	7	7.5	237	7.8	26	11.6	80	8.9	12	6.9	25	8.8
APGAR (5 Min.): Less than 8	56	5.2	3	3.2	158	5.2	13	5.8	61	6.8	12	7.0	24	8.5
Infant Care: NICU Admission	87	8.1	4	4.3	235	7.7	22	9.7	58	6.5	16	9.2	13	4.6
Infant Care: Transfer	4	0.4	4	4.3	30	1.0	5	2.2	14	1.6	0	0.0	9	3.2
Place of Birth: At-Home Delivery	13	1.2	8	8.6	24	0.8	1	0.4	3	0.3	10	5.7	1	0.4
Method of Delivery: Cesarean	287	26.7	25	26.9	878	28.8	72	32.0	272	30.4	53	30.6	97	34.2
Infant Care: Breastfed	885	87.4	56	65.9	2,595	87.1	184	82.9	706	82.3	135	79.9	198	71.7
Mat. Smoking: During Preg.	128	12.0	22	23.9	338	11.1	45	19.9	145	16.3	40	23.1	84	29.8
...Quit Smoking During Preg.	35	27.3	3	13.6	89	26.3	9	20.0	24	16.6	10	25.0	7	8.3
Mat. Wt.: Underweight	48	4.6	9	9.7	103	3.4	6	2.7	31	3.5	6	3.5	13	4.6
Mat. Wt.: Obese	256	24.3	22	23.7	716	23.6	56	24.9	227	25.6	60	34.9	93	32.7
Mat. Sing. Wt. Gain: Low	86	9.2	12	14.0	289	10.6	32	16.2	98	12.4	20	12.9	42	16.6
Mat. Sing. Wt. Gain: High	228	24.3	14	16.3	573	21.1	38	19.3	157	19.8	23	14.8	57	22.5
Mother's Education: Under 12 Yrs.	84	7.8	22	23.7	236	7.7	20	8.8	86	9.6	30	17.2	61	21.7
Marital Status: Out-of-Wedlock	279	26.0	39	41.9	1,000	32.7	89	39.4	374	41.8	70	40.2	120	42.3
Live Birth Order: 4 or More	116	10.8	16	17.2	356	11.7	27	11.9	107	12.0	28	16.1	48	16.9
Birth Spacing: Less than 18 Mos.	63	9.6	5	9.1	192	10.8	17	12.9	57	10.8	17	14.4	19	10.4
Prenatal Care: 1st Trimester	784	76.5	60	67.4	2,179	72.9	174	78.7	632	72.7	145	86.3	210	75.8
Prenatal Care: 2nd Trimester	205	20.0	27	30.3	628	21.0	35	15.8	191	22.0	16	9.5	54	19.5
Prenatal Care: 3rd Trimester	30	2.9	2	2.2	148	5.0	10	4.5	45	5.2	5	3.0	12	4.3
Prenatal Care: None	6	0.6	0	0.0	33	1.1	2	0.9	1	0.1	2	1.2	1	0.4
Prenatal Care: Inadequate	163	16.7	18	20.2	536	18.5	28	13.1	158	18.6	22	13.2	52	19.5
Maternal Utilization: Medicaid	369	34.4	40	43.0	739	24.6	67	29.9	292	32.6	70	40.2	130	46.9
Maternal Utilization: WIC	360	34.0	44	47.3	780	25.7	90	39.8	296	33.5	76	45.0	156	55.9
Maternal Utilization: FSP	199	19.2	18	27.7	478	17.3	48	21.9	233	26.9	59	34.9	102	37.4
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Under 15	11	1.0	2	2.2	35	1.1	2	0.9	10	1.1	0	0.0	7	2.5
15-17	44	4.1	2	2.2	112	3.7	12	5.3	35	3.9	6	3.4	18	6.3
18-19	236	22.0	38	40.9	591	19.4	63	27.9	213	23.8	53	30.5	88	31.0
20-24	374	34.8	31	33.3	980	32.1	75	33.2	315	35.2	58	33.3	88	31.0
25-29	283	26.3	13	14.0	927	30.4	59	26.1	228	25.5	38	21.8	56	19.7
30-34	119	11.1	7	7.5	346	11.3	15	6.6	83	9.3	16	9.2	22	7.7
35-39	8	0.7	0	0.0	62	2.0	0	0.0	11	1.2	3	1.7	5	1.8
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	73	100.0	229	100.0	116	100.0	118	100.0	213	100.0	152	100.0	403	100.0
Birth Weight: Under 2500 Grams	4	5.5	22	9.6	3	2.6	10	8.5	17	8.0	9	6.0	46	11.4
Birth Weight: Above 4499 Grams	2	2.7	5	2.2	4	3.4	0	0.0	2	0.9	1	0.7	1	0.2
Gest. Age: Less than 37 Weeks	7	9.7	27	11.9	4	3.4	9	7.6	26	12.3	8	5.3	65	16.2
APGAR (5 Min.): Less than 8	6	8.2	12	5.3	8	7.0	3	2.5	12	5.7	5	3.3	19	4.8
Infant Care: NICU Admission	5	6.8	20	8.7	3	2.6	9	7.6	12	5.6	10	6.6	18	4.5
Infant Care: Transfer	1	1.4	2	0.9	0	0.0	2	1.7	8	3.8	2	1.3	19	4.7
Place of Birth: At-Home Delivery	2	2.7	15	6.6	23	19.8	1	0.8	1	0.5	4	2.6	3	0.7
Method of Delivery: Cesarean	14	19.2	63	27.5	26	23.0	41	34.7	76	35.7	31	20.5	159	39.5
Infant Care: Breastfed	53	75.7	175	82.5	89	80.2	95	80.5	153	73.9	124	85.5	165	42.4
Mat. Smoking: During Preg.	14	19.2	46	20.4	30	26.1	23	19.5	57	26.9	37	24.7	114	28.8
...Quit Smoking During Preg.	2	14.3	7	15.2	5	16.7	3	13.0	11	19.3	7	18.9	13	11.4
Mat. Wt.: Underweight	4	5.6	13	5.8	5	4.9	6	5.1	7	3.3	7	4.8	25	6.3
Mat. Wt.: Obese	14	19.4	58	25.9	24	23.5	27	22.9	61	29.0	44	30.3	146	36.6
Mat. Sing. Wt. Gain: Low	5	8.2	24	12.8	18	19.1	10	9.3	23	13.1	24	17.5	55	17.5
Mat. Sing. Wt. Gain: High	9	14.8	28	14.9	14	14.9	24	22.4	36	20.6	30	21.9	69	22.0
Mother's Education: Under 12 Yrs.	13	17.8	68	29.8	48	41.4	9	7.6	46	21.9	20	13.2	108	27.2
Marital Status: Out-of-Wedlock	23	31.5	73	31.9	38	32.8	46	39.0	100	46.9	60	39.5	240	59.6
Live Birth Order: 4 or More	13	17.8	46	20.1	26	22.4	16	13.6	24	11.3	22	14.5	64	16.0
Birth Spacing: Less than 18 Mos.	6	14.0	20	14.6	12	14.8	10	14.3	14	12.1	12	12.4	44	18.5
Prenatal Care: 1st Trimester	46	66.7	145	67.4	72	62.6	97	83.6	136	65.7	98	67.1	289	73.7
Prenatal Care: 2nd Trimester	18	26.1	61	28.4	35	30.4	15	12.9	59	28.5	37	25.3	75	19.1
Prenatal Care: 3rd Trimester	4	5.8	9	4.2	6	5.2	4	3.4	9	4.3	9	6.2	24	6.1
Prenatal Care: None	1	1.4	0	0.0	2	1.7	0	0.0	3	1.4	2	1.4	4	1.0
Prenatal Care: Inadequate	14	21.2	43	20.5	41	37.6	11	9.6	48	23.5	36	26.3	93	23.9
Maternal Utilization: Medicaid	35	47.9	115	51.3	54	47.0	50	42.7	135	63.7	81	54.0	290	73.4
Maternal Utilization: WIC	36	50.7	109	48.9	46	41.8	41	35.3	134	63.5	96	64.4	286	72.6
Maternal Utilization: FSP	25	35.2	71	32.7	34	32.4	29	25.0	80	38.3	68	46.9	206	60.4
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2
15-17	2	2.7	3	1.3	4	3.4	3	2.5	3	1.4	3	2.0	20	5.0
18-19	6	8.2	14	6.1	5	4.3	7	5.9	22	10.3	10	6.6	36	8.9
20-24	19	26.0	79	34.5	41	35.3	34	28.8	72	33.8	64	42.1	150	37.2
25-29	25	34.2	70	30.6	34	29.3	52	44.1	61	28.6	40	26.3	119	29.5
30-34	16	21.9	44	19.2	23	19.8	14	11.9	35	16.4	25	16.4	61	15.1
35-39	3	4.1	14	6.1	8	6.9	7	5.9	17	8.0	8	5.3	11	2.7
40 and over	2	2.7	5	2.2	1	0.9	1	0.8	3	1.4	2	1.3	5	1.2

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	1,240	100.0	164	100.0	114	100.0	3,565	100.0	136	100.0	110	100.0	250	100.0
Birth Weight: Under 2500 Grams	96	7.7	10	6.1	13	11.5	270	7.6	16	11.8	7	6.4	21	8.4
Birth Weight: Above 4499 Grams	17	1.4	6	3.7	1	0.9	59	1.7	1	0.7	1	0.9	3	1.2
Gest. Age: Less than 37 Weeks	135	10.9	14	8.6	10	8.8	328	9.2	14	10.3	8	7.4	20	8.0
APGAR (5 Min.): Less than 8	78	6.3	18	11.2	10	9.9	149	4.2	15	11.0	3	2.9	16	6.4
Infant Care: NICU Admission	79	6.4	12	7.3	7	6.1	289	8.1	15	11.0	2	1.8	17	6.8
Infant Care: Transfer	26	2.1	9	5.5	0	0.0	8	0.2	3	2.2	2	1.8	4	1.6
Place of Birth: At-Home Delivery	3	0.2	3	1.8	8	7.0	68	1.9	18	13.2	8	7.3	3	1.2
Method of Delivery: Cesarean	462	37.3	62	37.8	37	32.5	883	24.8	47	34.6	44	40.0	91	36.4
Infant Care: Breastfed	862	71.7	110	68.8	87	79.1	2,853	85.0	95	76.0	74	70.5	144	60.8
Mat. Smoking: During Preg.	260	21.1	39	23.9	23	20.2	654	18.4	31	23.1	30	27.8	71	28.4
...Quit Smoking During Preg.	56	4.5	6	3.7	3	2.6	152	4.3	7	5.2	4	3.6	8	3.1
Mat. Wt.: Underweight	33	2.7	5	3.1	2	1.8	179	5.1	6	4.4	0	0.0	11	4.4
Mat. Wt.: Obese	371	30.0	42	25.8	31	27.2	877	25.2	36	26.5	37	34.3	83	33.5
Mat. Sing. Wt. Gain: Low	139	12.8	19	12.9	26	25.2	330	10.5	15	14.3	13	13.4	50	23.0
Mat. Sing. Wt. Gain: High	247	22.8	33	22.4	7	6.8	792	25.3	26	24.8	11	11.3	35	16.1
Mother's Education: Under 12 Yrs.	144	11.6	24	14.6	25	21.9	427	12.0	43	31.6	31	28.2	39	15.6
Marital Status: Out-of-Wedlock	498	40.2	66	40.2	33	28.9	1,414	39.7	52	38.2	40	36.4	116	46.4
Live Birth Order: 4 or More	145	11.7	16	9.8	14	12.4	428	12.0	28	20.7	24	22.0	30	12.1
Birth Spacing: Less than 18 Mos.	91	7.3	19	18.6	8	11.0	264	12.8	18	22.5	9	12.0	18	12.7
Prenatal Care: 1st Trimester	969	80.9	130	82.3	74	69.2	2,331	68.7	88	68.8	73	68.9	176	72.4
Prenatal Care: 2nd Trimester	177	14.8	20	12.7	22	20.6	839	24.7	28	21.9	18	17.0	54	22.2
Prenatal Care: 3rd Trimester	44	3.7	6	3.8	7	6.5	182	5.4	11	8.6	13	12.3	11	4.5
Prenatal Care: None	8	0.7	2	1.3	4	3.7	40	1.2	1	0.8	2	1.9	2	0.8
Prenatal Care: Inadequate	148	12.5	22	14.1	28	25.5	763	23.5	32	25.4	33	30.6	47	19.4
Maternal Utilization: Medicaid	413	33.7	58	36.0	35	31.5	1,596	45.1	49	36.6	54	49.1	100	43.1
Maternal Utilization: WIC	457	37.3	78	47.9	41	36.3	1,667	47.5	63	46.7	58	53.7	133	54.1
Maternal Utilization: FSP	308	25.4	35	21.9	24	21.6	997	29.5	31	24.0	32	30.2	89	37.9
Mother's Age: At Delivery	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	1	0.4
15-17	18	1.5	4	2.4	2	1.8	58	1.6	1	0.7	3	2.7	7	2.8
18-19	73	5.9	8	4.9	3	2.6	177	5.0	2	1.5	3	2.7	15	6.0
20-24	311	25.1	50	30.5	35	30.7	973	27.3	57	41.9	40	36.4	83	33.2
25-29	433	34.9	53	32.3	46	40.4	1,118	31.4	47	34.6	33	30.0	74	29.6
30-34	280	22.6	39	23.8	19	16.7	876	24.6	18	13.2	23	20.9	48	19.2
35-39	114	9.2	9	5.5	6	5.3	306	8.6	9	6.6	5	4.5	20	8.0
40 and over	10	0.8	1	0.6	3	2.6	55	1.5	2	1.5	3	2.7	2	0.8

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	64	100.0	41	100.0	126	100.0	509	100.0	107	100.0	9,345	100.0	1,669	100.0
Birth Weight: Under 2500 Grams	13	20.3	0	0.0	14	11.1	44	8.6	10	9.3	826	8.8	120	7.2
Birth Weight: Above 4499 Grams	1	1.6	3	7.3	3	2.4	8	1.6	0	0.0	98	1.0	19	1.1
Gest. Age: Less than 37 Weeks	9	14.1	2	4.9	20	15.9	48	9.4	13	12.3	922	9.9	153	9.2
APGAR (5 Min.): Less than 8	6	10.2	0	0.0	7	5.6	34	6.7	2	1.9	500	5.4	60	3.6
Infant Care: NICU Admission	9	14.1	2	4.9	16	12.7	27	5.3	6	5.6	1,100	11.8	164	9.8
Infant Care: Transfer	1	1.6	1	2.4	0	0.0	14	2.8	2	1.9	80	0.9	9	0.5
Place of Birth: At-Home Delivery	5	7.8	3	7.3	4	3.2	11	2.2	0	0.0	119	1.3	8	0.5
Method of Delivery: Cesarean	21	34.4	11	27.5	39	31.0	129	25.4	46	43.0	2,495	26.7	510	30.6
Infant Care: Breastfed	52	91.2	28	70.0	100	85.5	403	80.9	53	51.5	7,294	80.1	1,358	82.7
Mat. Smoking: During Preg.	19	29.7	7	17.5	30	24.0	135	26.6	31	29.5	1,152	12.4	278	16.7
...Quit Smoking During Preg.	6	31.6	0	0.0	2	6.7	23	17.0	6	19.4	307	26.6	66	23.7
Mat. Wt.: Underweight	3	4.8	4	9.8	2	1.6	23	4.5	4	3.8	337	3.7	89	5.4
Mat. Wt.: Obese	17	27.4	15	36.6	40	32.0	133	26.1	28	26.4	2,411	26.2	443	26.7
Mat. Sing. Wt. Gain: Low	9	16.7	4	10.3	17	16.0	50	11.0	7	8.0	1,070	13.4	166	11.1
Mat. Sing. Wt. Gain: High	13	24.1	7	17.9	23	21.7	88	19.3	22	25.3	1,708	21.3	298	20.0
Mother's Education: Under 12 Yrs.	10	15.6	1	2.4	15	11.9	82	16.1	20	18.7	1,495	16.0	304	18.2
Marital Status: Out-of-Wedlock	28	43.8	12	29.3	46	36.5	201	39.5	49	45.8	4,543	48.6	744	44.6
Live Birth Order: 4 or More	14	21.9	3	7.3	10	7.9	68	13.4	13	12.1	1,365	14.7	233	14.0
Birth Spacing: Less than 18 Mos.	6	17.1	4	12.9	9	11.8	44	13.5	9	15.5	720	12.9	117	11.5
Prenatal Care: 1st Trimester	36	60.0	31	77.5	98	77.8	392	78.6	53	54.6	5,838	64.9	1,174	71.4
Prenatal Care: 2nd Trimester	19	31.7	9	22.5	24	19.0	86	17.2	35	36.1	2,314	25.7	360	21.9
Prenatal Care: 3rd Trimester	5	8.3	0	0.0	4	3.2	14	2.8	8	8.2	682	7.6	90	5.5
Prenatal Care: None	0	0.0	0	0.0	0	0.0	7	1.4	1	1.0	166	1.8	20	1.2
Prenatal Care: Inadequate	18	31.6	2	5.0	14	11.5	75	15.1	30	30.9	2,438	27.5	320	19.6
Maternal Utilization: Medicaid	31	50.8	14	35.0	48	38.1	305	60.0	66	63.5	4,061	44.1	792	47.7
Maternal Utilization: WIC	39	61.9	13	32.5	50	40.3	336	66.3	74	71.2	4,135	45.1	807	49.0
Maternal Utilization: FSP	20	33.3	7	19.4	38	30.6	215	43.3	43	43.4	2,813	36.0	510	32.0
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	0.1	1	0.1
15-17	1	1.6	0	0.0	1	0.8	6	1.2	6	5.6	197	2.1	39	2.3
18-19	1	1.6	2	4.9	9	7.1	53	10.4	6	5.6	454	4.9	118	7.1
20-24	24	37.5	12	29.3	31	24.6	173	34.0	39	36.4	2,202	23.6	538	32.2
25-29	19	29.7	14	34.1	38	30.2	159	31.2	29	27.1	2,868	30.7	523	31.3
30-34	11	17.2	8	19.5	35	27.8	81	15.9	18	16.8	2,457	26.3	320	19.2
35-39	6	9.4	5	12.2	9	7.1	31	6.1	8	7.5	969	10.4	103	6.2
40 and over	2	3.1	0	0.0	3	2.4	6	1.2	1	0.9	187	2.0	27	1.6

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	2,581	100.0	714	100.0	42	100.0	474	100.0	350	100.0	486	100.0	120	100.0
Birth Weight: Under 2500 Grams	199	7.7	61	8.5	3	7.1	32	6.8	34	9.7	44	9.1	7	5.8
Birth Weight: Above 4499 Grams	27	1.0	12	1.7	1	2.4	4	0.8	6	1.7	2	0.4	2	1.7
Gest. Age: Less than 37 Weeks	278	10.8	71	9.9	3	7.1	51	10.8	32	9.1	50	10.3	16	13.3
APGAR (5 Min.): Less than 8	123	4.8	31	4.4	1	2.4	28	5.9	15	4.3	22	4.5	4	3.3
Infant Care: NICU Admission	209	8.1	47	6.6	1	2.4	27	5.7	35	10.0	44	9.1	6	5.0
Infant Care: Transfer	30	1.2	17	2.4	0	0.0	12	2.5	4	1.1	7	1.4	1	0.8
Place of Birth: At-Home Delivery	14	0.5	15	2.1	8	19.0	3	0.6	3	0.9	22	4.5	6	5.0
Method of Delivery: Cesarean	906	35.2	181	25.4	11	26.2	128	27.0	99	28.3	132	27.2	29	24.2
Infant Care: Breastfed	1,822	72.2	553	79.1	37	92.5	332	71.7	257	75.1	349	76.4	92	77.3
Mat. Smoking: During Preg.	511	19.9	99	14.0	4	9.5	133	28.2	87	25.0	96	19.8	24	20.0
...Quit Smoking During Preg.	115	22.5	27	27.3	1	25.0	9	6.8	22	25.3	19	19.8	1	4.2
Mat. Wt.: Underweight	122	4.8	21	3.0	2	4.8	14	3.0	14	4.0	23	4.8	2	1.7
Mat. Wt.: Obese	676	26.3	176	25.0	15	35.7	150	31.8	96	27.6	136	28.2	46	38.3
Mat. Sing. Wt. Gain: Low	221	9.9	59	10.0	7	17.9	67	16.1	37	12.3	70	16.2	17	16.3
Mat. Sing. Wt. Gain: High	513	23.0	118	20.0	5	12.8	82	19.8	66	21.9	81	18.8	18	17.3
Mother's Education: Under 12 Yrs.	269	10.5	58	8.2	15	35.7	100	21.1	34	9.7	121	24.9	19	15.8
Marital Status: Out-of-Wedlock	1,009	39.1	169	23.7	13	31.0	200	42.2	138	39.4	169	34.8	42	35.0
Live Birth Order: 4 or More	256	10.0	78	11.0	12	28.6	58	12.3	41	11.8	92	18.9	16	13.3
Birth Spacing: Less than 18 Mos.	156	10.4	34	8.9	2	7.7	52	17.8	25	13.4	45	14.6	8	10.5
Prenatal Care: 1st Trimester	1,936	80.4	529	77.5	28	66.7	313	67.2	253	73.8	302	63.8	91	76.5
Prenatal Care: 2nd Trimester	364	15.1	119	17.4	14	33.3	121	26.0	64	18.7	146	30.9	20	16.8
Prenatal Care: 3rd Trimester	73	3.0	28	4.1	0	0.0	28	6.0	19	5.5	23	4.9	8	6.7
Prenatal Care: None	34	1.4	7	1.0	0	0.0	4	0.9	7	2.0	2	0.4	0	0.0
Prenatal Care: Inadequate	292	12.3	111	16.6	11	26.2	96	20.9	62	18.9	117	25.2	23	19.2
Maternal Utilization: Medicaid	856	33.6	147	20.9	12	28.6	270	57.2	129	37.0	242	50.2	52	44.1
Maternal Utilization: WIC	871	34.4	291	41.3	18	43.9	285	60.3	144	41.5	267	55.3	59	49.2
Maternal Utilization: FSP	596	23.8	105	15.7	7	17.9	188	40.0	75	22.3	157	33.5	8	17.8
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
Under 15	41	1.6	12	1.7	0	0.0	12	2.5	2	0.6	5	1.0	2	1.7
15-17	96	3.7	23	3.2	0	0.0	43	9.1	22	6.3	37	7.6	4	3.3
18-19	578	22.4	204	28.6	11	26.2	179	37.8	109	31.1	165	34.0	34	28.3
20-24	896	34.7	226	31.7	16	38.1	129	27.2	105	30.0	152	31.3	40	33.3
25-29	699	27.1	192	26.9	8	19.0	81	17.1	74	21.1	79	16.3	30	25.0
30-34	241	9.3	50	7.0	5	11.9	24	5.1	33	9.4	42	8.6	9	7.5
35-39	30	1.2	6	0.8	2	4.8	6	1.3	5	1.4	6	1.2	1	0.8
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	750	100.0	149	100.0	159	100.0	184	100.0	141	100.0	105	100.0
Birth Weight: Under 2500 Grams	59	7.9	13	8.7	17	10.8	11	6.0	22	15.6	9	8.6
Birth Weight: Above 4499 Grams	11	1.5	3	2.0	2	1.3	2	1.1	0	0.0	1	1.0
Gest. Age: Less than 37 Weeks	67	8.9	20	13.4	18	11.3	19	10.3	18	12.8	6	5.8
APGAR (5 Min.): Less than 8	35	4.7	9	6.1	12	7.5	17	9.4	6	4.3	6	5.9
Infant Care: NICU Admission	35	4.7	10	6.7	14	8.8	17	9.2	11	7.8	2	1.9
Infant Care: Transfer	20	2.7	4	2.7	7	4.4	6	3.3	5	3.5	1	1.0
Place of Birth: At-Home Delivery	3	0.4	4	2.7	0	0.0	19	10.3	0	0.0	5	4.8
Method of Delivery: Cesarean	206	27.5	43	29.1	59	37.6	65	35.3	53	37.6	29	27.6
Infant Care: Breastfed	571	76.4	101	70.6	113	78.5	150	85.7	92	67.2	87	85.3
Mat. Smoking: During Preg.	177	23.6	35	23.8	55	35.5	34	18.8	44	31.7	27	25.7
...Quit Smoking During Preg.	25	3.3	4	2.7	8	5.1	8	4.3	11	7.8	2	1.9
Mat. Wt.: Underweight	26	3.5	5	3.4	5	3.2	4	2.2	7	5.1	6	5.8
Mat. Wt.: Obese	201	26.9	50	34.0	37	23.4	49	27.4	44	31.9	26	25.0
Mat. Sing. Wt. Gain: Low	85	12.8	17	13.8	16	11.9	19	11.9	14	12.2	14	15.2
Mat. Sing. Wt. Gain: High	147	22.2	35	28.5	24	17.8	39	24.5	35	30.4	22	23.9
Mother's Education: Under 12 Yrs.	90	12.0	29	19.5	19	11.9	36	19.7	22	15.7	19	18.1
Marital Status: Out-of-Wedlock	307	40.9	69	46.3	64	40.3	51	27.7	64	45.4	42	40.0
Live Birth Order: 4 or More	98	13.1	20	13.4	16	10.1	30	16.3	16	11.4	20	19.2
Birth Spacing: Less than 18 Mos.	55	7.3	16	16.2	12	12.6	15	12.5	6	8.3	4	7.1
Prenatal Care: 1st Trimester	563	76.4	116	79.5	131	82.9	122	67.8	89	65.9	69	68.3
Prenatal Care: 2nd Trimester	140	19.0	19	13.0	21	13.3	45	25.0	38	28.1	27	26.7
Prenatal Care: 3rd Trimester	32	4.3	8	5.5	6	3.8	11	6.1	7	5.2	3	3.0
Prenatal Care: None	2	0.3	3	2.1	0	0.0	2	1.1	1	0.7	2	2.0
Prenatal Care: Inadequate	114	15.6	24	16.6	21	13.4	45	25.7	33	25.2	26	25.7
Maternal Utilization: Medicaid	287	38.4	53	36.1	81	51.6	65	35.3	73	54.5	42	40.8
Maternal Utilization: WIC	253	34.1	70	47.6	78	49.1	81	44.8	93	68.4	46	43.8
Maternal Utilization: FSP	190	26.0	41	28.9	48	31.8	39	22.3	51	38.1	23	22.3
Mother's Age: At Delivery	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	6	0.8	6	4.0	3	1.9	6	3.3	4	2.8	1	1.0
18-19	42	5.6	8	5.4	11	6.9	10	5.4	15	10.6	6	5.7
20-24	197	26.3	51	34.2	51	32.1	44	23.9	42	29.8	26	24.8
25-29	268	35.7	50	33.6	52	32.7	62	33.7	49	34.8	34	32.4
30-34	156	20.8	24	16.1	30	18.9	45	24.5	21	14.9	26	24.8
35-39	66	8.8	7	4.7	11	6.9	11	6.0	7	5.0	9	8.6
40 and over	14	1.9	3	2.0	1	0.6	6	3.3	3	2.1	3	2.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	340	100.0	51	100.0	325	100.0	148	100.0	221	100.0	100	100.0	124	100.0
Birth Weight: Under 2500 Grams	23	6.8	1	2.0	19	5.8	17	11.5	10	4.5	4	4.0	13	10.5
Birth Weight: Above 4499 Grams	4	1.2	0	0.0	3	0.9	0	0.0	5	2.3	1	1.0	2	1.6
Gest. Age: Less than 37 Weeks	28	8.3	4	7.8	24	7.4	12	8.1	9	4.1	6	6.0	15	12.1
APGAR (5 Min.): Less than 8	9	2.7	3	6.0	17	5.2	13	8.8	8	3.6	7	7.0	7	5.7
Infant Care: NICU Admission	29	8.5	0	0.0	18	5.5	4	2.7	11	5.0	4	4.0	12	9.7
Infant Care: Transfer	1	0.3	0	0.0	12	3.7	1	0.7	3	1.4	1	1.0	3	2.4
Place of Birth: At-Home Delivery	8	2.4	15	29.4	1	0.3	0	0.0	7	3.2	4	4.0	0	0.0
Method of Delivery: Cesarean	88	25.9	6	12.2	100	30.8	67	45.6	51	23.1	22	22.0	39	31.5
Infant Care: Breastfed	285	84.3	36	73.5	241	75.3	50	37.3	177	81.6	77	80.2	98	81.0
Mat. Smoking: During Preg.	58	17.2	10	19.6	82	25.3	47	32.4	25	11.5	31	31.0	32	26.0
...Quit Smoking During Preg.	12	20.7	0	0.0	13	15.9	4	8.5	2	8.0	10	32.3	7	21.9
Mat. Wt.: Underweight	12	3.5	0	0.0	15	4.6	7	4.8	9	4.1	3	3.0	6	4.8
Mat. Wt.: Obese	106	31.3	4	10.5	82	25.4	46	31.7	62	28.6	24	24.0	35	28.2
Mat. Sing. Wt. Gain: Low	54	17.5	0	0.0	32	10.9	12	9.8	24	11.6	10	10.6	11	10.3
Mat. Sing. Wt. Gain: High	52	16.9	10	28.6	67	22.9	34	27.6	31	15.0	14	14.9	33	30.8
Mother's Education: Under 12 Yrs.	96	28.3	19	37.3	43	13.2	30	20.3	48	21.8	11	11.0	17	13.7
Marital Status: Out-of-Wedlock	150	44.1	15	29.4	153	47.1	93	62.8	63	28.5	49	49.0	64	51.6
Live Birth Order: 4 or More	56	16.5	9	17.6	41	12.6	17	11.5	34	15.4	17	17.0	10	8.1
Birth Spacing: Less than 18 Mos.	28	12.8	5	16.7	15	8.0	9	10.6	21	15.2	8	13.6	8	11.6
Prenatal Care: 1st Trimester	197	59.2	28	70.0	226	72.0	105	71.9	143	66.5	74	76.3	83	72.8
Prenatal Care: 2nd Trimester	91	27.3	9	22.5	73	23.2	33	22.6	65	30.2	18	18.6	24	21.1
Prenatal Care: 3rd Trimester	25	7.5	3	7.5	15	4.8	7	4.8	6	2.8	5	5.2	7	6.1
Prenatal Care: None	20	6.0	0	0.0	0	0.0	1	0.7	1	0.5	0	0.0	0	0.0
Prenatal Care: Inadequate	91	27.5	18	36.7	57	18.3	25	17.4	43	20.5	21	21.9	21	18.9
Maternal Utilization: Medicaid	160	47.3	15	29.4	162	50.2	108	73.5	56	25.3	39	39.8	68	54.8
Maternal Utilization: WIC	209	62.0	21	41.2	175	54.3	115	78.2	69	31.5	55	55.6	60	49.2
Maternal Utilization: FSP	84	29.5	6	14.6	97	30.8	79	54.5	36	16.7	29	30.9	36	31.0
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0
Under 15	11	3.2	1	2.0	11	3.4	6	4.1	1	0.5	1	1.0	3	2.4
15-17	26	7.6	2	3.9	28	8.6	11	7.4	13	5.9	0	0.0	7	5.6
18-19	107	31.5	15	29.4	94	28.9	56	37.8	53	24.0	35	35.0	41	33.1
20-24	105	30.9	20	39.2	115	35.4	37	25.0	74	33.5	26	26.0	45	36.3
25-29	54	15.9	9	17.6	49	15.1	25	16.9	57	25.8	25	25.0	21	16.9
30-34	30	8.8	4	7.8	22	6.8	13	8.8	20	9.0	8	8.0	6	4.8
35-39	7	2.1	0	0.0	6	1.8	0	0.0	3	1.4	4	4.0	1	0.8
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	288	100.0	222	100.0	675	100.0	220	100.0	125	100.0	154	100.0	69	100.0
Birth Weight: Under 2500 Grams	20	6.9	15	6.8	46	6.8	21	9.5	6	4.8	10	6.5	4	5.8
Birth Weight: Above 4499 Grams	2	0.7	1	0.5	12	1.8	3	1.4	3	2.4	1	0.6	1	1.4
Gest. Age: Less than 37 Weeks	24	8.3	27	12.2	55	8.2	22	10.0	10	8.0	16	10.4	4	5.8
APGAR (5 Min.): Less than 8	17	6.0	17	7.7	19	2.8	15	6.8	7	5.6	9	5.8	5	7.2
Infant Care: NICU Admission	20	6.9	14	6.3	48	7.1	15	6.8	6	4.8	7	4.5	4	5.8
Infant Care: Transfer	11	3.8	12	5.4	3	0.4	3	1.4	0	0.0	1	0.6	0	0.0
Place of Birth: At-Home Delivery	19	6.6	1	0.5	8	1.2	8	3.6	5	4.0	0	0.0	3	4.3
Method of Delivery: Cesarean	74	25.8	87	39.2	182	27.0	75	34.2	28	22.4	41	26.6	11	15.9
Infant Care: Breastfed	226	81.6	89	42.4	549	82.6	172	78.2	79	63.7	120	81.1	58	86.6
Mat. Smoking: During Preg.	51	18.0	61	28.0	121	18.0	30	13.6	27	21.6	26	17.1	22	31.9
...Quit Smoking During Preg.	7	13.7	6	9.8	27	22.3	0	0.0	2	7.4	3	11.5	5	22.7
Mat. Wt.: Underweight	12	4.2	14	6.3	27	4.0	5	2.3	11	8.8	3	2.0	5	7.2
Mat. Wt.: Obese	80	28.0	65	29.4	207	30.8	68	31.8	45	36.0	44	28.8	18	26.1
Mat. Sing. Wt. Gain: Low	34	13.1	31	16.8	103	16.9	19	10.1	20	17.7	21	15.4	10	15.4
Mat. Sing. Wt. Gain: High	47	18.1	44	23.9	98	16.0	29	15.4	24	21.2	27	19.9	9	13.8
Mother's Education: Under 12 Yrs.	104	36.4	38	17.1	114	16.9	10	4.5	21	16.8	6	3.9	12	17.4
Marital Status: Out-of-Wedlock	104	36.1	127	57.2	267	39.6	57	25.9	41	32.8	31	20.1	38	55.1
Live Birth Order: 4 or More	59	20.5	29	13.1	101	15.0	35	15.9	19	15.2	20	13.0	12	17.4
Birth Spacing: Less than 18 Mos.	28	15.4	22	17.5	55	13.0	13	9.8	10	12.2	7	7.8	5	12.5
Prenatal Care: 1st Trimester	189	66.8	158	72.5	455	68.6	181	83.4	82	68.3	125	82.8	41	59.4
Prenatal Care: 2nd Trimester	85	30.0	49	22.5	166	25.0	26	12.0	31	25.8	22	14.6	21	30.4
Prenatal Care: 3rd Trimester	9	3.2	10	4.6	29	4.4	10	4.6	6	5.0	4	2.6	6	8.7
Prenatal Care: None	0	0.0	1	0.5	13	2.0	0	0.0	1	0.8	0	0.0	1	1.4
Prenatal Care: Inadequate	52	18.6	39	18.1	139	21.0	29	13.3	24	20.0	19	13.2	25	36.8
Maternal Utilization: Medicaid	109	37.8	145	65.6	305	45.4	60	27.4	92	73.6	30	19.5	49	71.0
Maternal Utilization: WIC	130	45.8	139	63.8	352	52.9	69	31.4	96	76.8	41	26.6	48	71.6
Maternal Utilization: FSP	76	27.1	108	50.9	197	30.6	33	15.7	65	57.0	24	15.7	16	35.6
Mother's Age: At Delivery	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Under 15	7	2.4	9	4.1	11	1.6	2	0.9	4	3.2	0	0.0	2	2.9
15-17	21	7.3	12	5.4	44	6.5	10	4.5	15	12.0	4	2.6	7	10.1
18-19	95	33.0	80	36.0	235	34.8	47	21.4	54	43.2	31	20.1	24	34.8
20-24	85	29.5	62	27.9	215	31.9	83	37.7	27	21.6	56	36.4	19	27.5
25-29	54	18.8	37	16.7	111	16.4	48	21.8	19	15.2	46	29.9	16	23.2
30-34	23	8.0	19	8.6	49	7.3	25	11.4	5	4.0	16	10.4	0	0.0
35-39	3	1.0	2	0.9	10	1.5	5	2.3	1	0.8	1	0.6	1	1.4
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	272	100.0	229	100.0	594	100.0	528	100.0	228	100.0	1,198	100.0	367	100.0
Birth Weight: Under 2500 Grams	34	12.5	15	6.6	33	5.6	44	8.3	17	7.5	62	5.2	20	5.4
Birth Weight: Above 4499 Grams	2	0.7	2	0.9	11	1.9	7	1.3	2	0.9	8	0.7	6	1.6
Gest. Age: Less than 37 Weeks	45	16.6	18	7.9	45	7.6	36	6.8	25	11.0	95	7.9	30	8.2
APGAR (5 Min.): Less than 8	22	8.1	9	3.9	59	10.1	30	5.7	7	3.1	38	3.2	10	2.8
Infant Care: NICU Admission	18	6.6	18	7.9	42	7.1	22	4.2	8	3.5	89	7.4	16	4.4
Infant Care: Transfer	8	2.9	10	4.4	10	1.7	18	3.4	5	2.2	8	0.7	4	1.1
Place of Birth: At-Home Delivery	1	0.4	1	0.4	7	1.2	4	0.8	11	4.8	14	1.2	13	3.5
Method of Delivery: Cesarean	111	40.8	92	40.4	194	33.5	165	31.3	65	28.6	334	27.9	101	27.7
Infant Care: Breastfed	78	30.2	153	68.3	388	73.5	445	85.7	171	76.3	1,056	90.3	317	91.1
Mat. Smoking: During Preg.	59	22.4	54	23.6	111	19.3	87	16.6	59	26.1	90	7.5	87	23.8
...Quit Smoking During Preg.	8	3.6	8	4.8	24	21.6	19	21.8	12	20.3	24	26.7	21	24.1
Mat. Wt.: Underweight	19	7.0	7	3.1	22	3.9	25	4.8	11	4.8	47	3.9	16	4.4
Mat. Wt.: Obese	93	34.4	67	29.3	155	27.3	154	29.8	61	26.9	253	21.3	98	26.8
Mat. Sing. Wt. Gain: Low	45	22.0	24	11.6	66	12.9	64	14.1	30	15.5	129	12.0	48	14.9
Mat. Sing. Wt. Gain: High	52	25.4	41	19.8	115	22.5	90	19.8	33	17.1	213	19.8	50	15.5
Mother's Education: Under 12 Yrs.	56	20.9	36	15.7	107	18.2	51	9.7	51	22.4	66	5.5	73	19.9
Marital Status: Out-of-Wedlock	191	70.2	104	45.4	244	41.1	175	33.1	89	39.0	358	29.9	114	31.1
Live Birth Order: 4 or More	42	15.4	18	7.9	85	14.5	59	11.2	45	19.7	125	10.4	64	17.4
Birth Spacing: Less than 18 Mos.	35	23.8	18	13.5	44	12.9	35	11.3	23	16.3	68	9.8	25	11.2
Prenatal Care: 1st Trimester	151	57.9	181	80.1	386	67.8	347	68.7	138	62.2	857	73.3	244	68.5
Prenatal Care: 2nd Trimester	72	27.6	37	16.4	146	25.7	131	25.9	56	25.2	240	20.5	94	26.4
Prenatal Care: 3rd Trimester	27	10.3	5	2.2	32	5.6	24	4.8	25	11.3	61	5.2	15	4.2
Prenatal Care: None	11	4.2	3	1.3	5	0.9	3	0.6	3	1.4	11	0.9	3	0.8
Prenatal Care: Inadequate	91	34.9	25	11.1	128	22.6	93	18.7	75	34.2	191	16.6	72	21.1
Maternal Utilization: Medicaid	198	73.9	87	38.0	269	46.5	212	40.6	100	45.0	227	19.1	160	44.4
Maternal Utilization: WIC	193	73.1	113	49.6	330	57.0	243	46.6	108	48.2	267	22.5	170	47.0
Maternal Utilization: FSP	133	67.5	56	25.2	192	34.0	147	28.6	61	27.4	159	15.9	116	32.3
Mother's Age: At Delivery	1	0.4	0	0.0	2	0.3	0	0.0	0	0.0	0	0.0	0	0.0
15-17	13	4.8	6	2.6	17	2.9	3	0.6	2	0.9	8	0.7	9	2.5
18-19	28	10.3	16	7.0	38	6.4	32	6.1	9	3.9	42	3.5	14	3.8
20-24	105	38.6	61	26.6	174	29.3	150	28.4	72	31.6	192	16.0	107	29.2
25-29	77	28.3	76	33.2	200	33.7	169	32.0	66	28.9	358	29.9	117	31.9
30-34	36	13.2	46	20.1	109	18.4	123	23.3	47	20.6	392	32.7	87	23.7
35-39	11	4.0	20	8.7	41	6.9	40	7.6	30	13.2	170	14.2	28	7.6
40 and over	1	0.4	4	1.7	12	2.0	11	2.1	2	0.9	36	3.0	5	1.4

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	776	100.0	67	100.0	86	100.0	276	100.0	269	100.0	59	100.0	170	100.0
Birth Weight: Under 2500 Grams	48	6.2	9	13.4	10	11.6	24	8.7	22	8.2	8	13.6	15	8.8
Birth Weight: Above 4499 Grams	9	1.2	0	0.0	1	1.2	3	1.1	4	1.5	0	0.0	3	1.8
Gest. Age: Less than 37 Weeks	68	8.8	9	13.4	12	14.0	34	12.3	17	6.3	11	18.6	26	15.3
APGAR (5 Min.): Less than 8	105	13.6	2	3.0	4	4.7	22	8.0	18	6.7	2	3.4	5	2.9
Infant Care: NICU Admission	68	8.8	5	7.5	9	10.5	39	14.1	26	9.7	4	6.8	8	4.7
Infant Care: Transfer	43	5.5	4	6.0	4	4.7	4	1.4	7	2.6	0	0.0	10	5.9
Place of Birth: At-Home Delivery	4	0.5	8	11.9	0	0.0	6	2.2	3	1.1	0	0.0	3	1.8
Method of Delivery: Cesarean	205	26.4	15	22.4	20	23.3	92	33.3	77	28.9	19	32.2	48	28.2
Infant Care: Breastfed	619	82.3	48	75.0	66	77.6	203	77.5	203	76.9	35	60.3	86	50.6
Mat. Smoking: During Preg.	117	15.2	15	22.7	17	19.8	59	21.8	71	26.6	23	39.7	50	29.6
...Quit Smoking During Preg.	26	22.2	2	13.3	2	11.8	14	23.7	14	19.7	2	8.7	6	12.0
Mat. Wt.: Underweight	30	3.9	3	4.5	4	4.7	15	5.5	15	5.6	1	1.7	8	4.7
Mat. Wt.: Obese	179	23.2	20	30.3	23	26.7	85	31.0	74	27.6	22	37.3	51	30.0
Mat. Sing. Wt. Gain: Low	84	12.2	8	14.0	10	13.9	28	12.0	32	13.3	7	14.9	17	11.8
Mat. Sing. Wt. Gain: High	143	20.8	9	15.8	14	19.4	49	20.9	53	22.1	14	29.8	33	22.9
Mother's Education: Under 12 Yrs.	57	7.4	18	26.9	7	8.1	37	13.4	31	11.5	14	23.7	42	24.7
Marital Status: Out-of-Wedlock	191	24.6	21	31.3	25	29.1	124	44.9	112	41.6	25	42.4	65	38.2
Live Birth Order: 4 or More	103	13.3	13	19.4	5	5.8	35	12.7	24	8.9	10	16.9	26	15.3
Birth Spacing: Less than 18 Mos.	54	11.8	4	9.8	3	5.8	25	15.1	18	11.0	5	14.7	19	15.2
Prenatal Care: 1st Trimester	594	77.6	52	82.5	71	82.6	232	85.0	187	71.1	39	68.4	131	78.4
Prenatal Care: 2nd Trimester	135	17.6	9	14.3	15	17.4	33	12.1	52	19.8	16	28.1	26	15.6
Prenatal Care: 3rd Trimester	33	4.3	2	3.2	0	0.0	8	2.9	20	7.6	2	3.5	10	6.0
Prenatal Care: None	3	0.4	0	0.0	0	0.0	0	0.0	4	1.5	0	0.0	0	0.0
Prenatal Care: Inadequate	117	15.3	12	18.8	15	17.4	34	12.7	55	22.0	12	21.4	39	23.5
Maternal Utilization: Medicaid	188	24.2	25	37.9	31	37.8	104	37.8	91	34.0	36	62.1	121	72.0
Maternal Utilization: WIC	321	41.5	34	50.7	38	44.2	153	56.5	117	44.2	42	71.2	122	72.2
Maternal Utilization: FSP	129	16.9	12	25.0	15	19.0	96	36.2	65	25.5	28	50.0	82	50.0
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0
Under 15	9	1.2	2	3.0	0	0.0	9	3.3	3	1.1	2	3.4	4	2.4
15-17	48	6.2	3	4.5	5	5.8	22	8.0	16	5.9	7	11.9	11	6.5
18-19	210	27.1	19	28.4	28	32.6	81	29.3	81	30.1	13	22.0	65	38.2
20-24	260	33.6	28	41.8	30	34.9	80	29.0	85	31.6	16	27.1	55	32.4
25-29	172	22.2	8	11.9	16	18.6	57	20.7	58	21.6	16	27.1	21	12.4
30-34	63	8.1	4	6.0	5	5.8	25	9.1	23	8.6	3	5.1	9	5.3
35-39	12	1.6	3	4.5	2	2.3	2	0.7	3	1.1	1	1.7	5	2.9
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	258	100.0	64	100.0	101	100.0	473	100.0	81	100.0	72	100.0	4,543	100.0
Birth Weight: Under 2500 Grams	28	10.9	8	12.5	4	4.0	40	8.5	5	6.2	6	8.3	305	6.7
Birth Weight: Above 4499 Grams	0	0.0	1	1.6	4	4.0	2	0.4	0	0.0	1	1.4	51	1.1
Gest. Age: Less than 37 Weeks	28	10.9	8	12.5	7	6.9	42	8.9	10	12.3	8	11.1	440	9.7
APGAR (5 Min.): Less than 8	26	10.1	7	11.1	7	6.9	28	5.9	5	6.2	8	11.1	208	4.6
Infant Care: NICU Admission	31	12.0	7	10.9	4	4.0	29	6.1	6	7.4	3	4.2	281	6.2
Infant Care: Transfer	9	3.5	4	6.3	2	2.0	10	2.1	4	4.9	1	1.4	71	1.6
Place of Birth: At-Home Delivery	1	0.4	8	12.5	31	30.7	1	0.2	1	1.2	2	2.8	29	0.6
Method of Delivery: Cesarean	88	34.1	19	30.6	25	24.8	197	41.6	21	25.9	22	30.6	1,437	31.7
Infant Care: Breastfed	194	81.9	49	84.5	77	84.6	236	52.7	57	73.1	61	88.4	3,783	85.0
Mat. Smoking: During Preg.	58	22.6	13	20.3	12	11.9	105	22.3	24	30.0	18	25.4	384	8.6
...Quit Smoking During Preg.	8	3.1	1	1.6	3	2.9	21	4.4	8	9.9	2	2.8	113	2.5
Mat. Wt.: Underweight	17	6.6	1	1.7	5	5.0	20	4.2	6	7.4	2	2.8	126	2.8
Mat. Wt.: Obese	78	30.4	24	41.4	28	27.7	136	28.9	23	28.4	18	25.0	981	21.8
Mat. Sing. Wt. Gain: Low	34	15.2	11	21.6	12	13.0	47	11.5	9	12.9	8	12.7	313	7.9
Mat. Sing. Wt. Gain: High	52	23.2	10	19.6	18	19.6	102	24.9	11	15.7	9	14.3	863	21.8
Mother's Education: Under 12 Yrs.	39	15.2	22	34.4	57	56.4	82	17.4	12	14.8	6	8.6	196	4.3
Marital Status: Out-of-Wedlock	125	48.4	19	29.7	20	19.8	253	53.5	37	45.7	30	41.7	1,121	24.7
Live Birth Order: 4 or More	33	12.8	15	23.4	21	20.8	51	10.8	13	16.0	8	11.1	439	9.7
Birth Spacing: Less than 18 Mos.	15	9.6	6	12.5	4	6.5	33	12.0	8	15.4	4	8.9	232	9.0
Prenatal Care: 1st Trimester	191	77.0	42	70.0	60	61.9	324	70.9	59	74.7	58	81.7	3,636	83.6
Prenatal Care: 2nd Trimester	42	16.9	10	16.7	34	35.1	113	24.7	15	19.0	11	15.5	589	13.5
Prenatal Care: 3rd Trimester	14	5.6	6	10.0	3	3.1	19	4.2	4	5.1	2	2.8	115	2.6
Prenatal Care: None	1	0.4	2	3.3	0	0.0	1	0.2	1	1.3	0	0.0	10	0.2
Prenatal Care: Inadequate	42	17.1	18	28.6	44	44.4	79	17.4	11	14.5	11	15.5	420	9.7
Maternal Utilization: Medicaid	97	38.2	29	46.0	30	29.7	287	61.1	56	69.1	34	49.3	769	17.1
Maternal Utilization: WIC	151	59.0	28	45.2	30	30.0	281	60.6	53	65.4	43	60.6	636	14.3
Maternal Utilization: FSP	85	34.1	17	28.3	12	12.5	192	41.7	36	46.8	21	31.8	444	10.1
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	3	0.6	0	0.0	0	0.0	0	0.0
Under 15	7	2.7	0	0.0	4	4.0	13	2.8	1	1.2	1	1.4	29	0.6
15-17	14	5.4	1	1.6	2	2.0	40	8.5	8	9.9	3	4.2	114	2.5
18-19	83	32.2	21	32.8	34	33.7	148	31.4	33	40.7	23	31.9	549	12.1
20-24	88	34.1	24	37.5	39	38.6	136	28.8	21	25.9	26	36.1	1,425	31.4
25-29	49	19.0	12	18.8	17	16.8	94	19.9	14	17.3	12	16.7	1,665	36.7
30-34	12	4.7	6	9.4	4	4.0	34	7.2	3	3.7	7	9.7	657	14.5
35-39	5	1.9	0	0.0	1	1.0	4	0.8	1	1.2	0	0.0	100	2.2
40 and over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	83	100.0	715	100.0	4,581	100.0	11,676	100.0	162	100.0	342	100.0	244	100.0
Birth Weight: Under 2500 Grams	8	9.6	59	8.3	585	12.8	1,098	9.4	17	10.5	31	9.1	16	6.6
Birth Weight: Above 4499 Grams	3	3.6	7	1.0	29	0.6	129	1.1	3	1.9	2	0.6	2	0.8
Gest. Age: Less than 37 Weeks	8	9.6	73	10.3	610	13.3	1,240	10.6	16	9.9	45	13.2	20	8.2
APGAR (5 Min.): Less than 8	6	7.2	30	4.2	295	6.5	585	5.0	10	6.3	16	4.7	12	4.9
Infant Care: NICU Admission	4	4.8	48	6.7	361	7.9	938	8.0	12	7.4	19	5.6	17	7.0
Infant Care: Transfer	1	1.2	24	3.4	118	2.6	176	1.5	4	2.5	7	2.0	6	2.5
Place of Birth: At-Home Delivery	3	3.6	3	0.4	29	0.6	65	0.6	2	1.2	3	0.9	3	1.2
Method of Delivery: Cesarean	24	30.0	292	40.9	1,388	30.3	3,873	33.2	60	37.0	98	28.7	72	29.5
Infant Care: Breastfed	59	74.7	387	57.8	2,995	66.6	8,958	78.6	123	76.4	190	57.9	190	81.2
Mat. Smoking: During Preg.	16	19.3	208	29.4	571	12.6	905	7.9	35	21.6	86	25.2	65	26.7
...Quit Smoking During Preg.	1	6.3	25	12.0	129	22.6	257	28.4	9	25.7	14	16.3	18	27.7
Mat. Wt.: Underweight	4	4.8	42	6.0	180	4.0	424	3.7	5	3.1	15	4.4	15	6.2
Mat. Wt.: Obese	25	30.1	218	31.0	1,142	25.4	2,658	23.1	41	25.6	96	28.2	71	29.5
Mat. Sing. Wt. Gain: Low	11	15.1	86	13.8	402	11.1	1,032	10.5	16	11.4	38	13.3	31	14.4
Mat. Sing. Wt. Gain: High	12	16.4	144	23.1	705	19.6	1,954	19.8	32	22.9	74	25.9	55	25.5
Mother's Education: Under 12 Yrs.	18	21.7	106	15.0	811	17.8	810	7.0	16	9.9	56	16.4	47	19.3
Marital Status: Out-of-Wedlock	29	34.9	328	45.9	2,666	58.2	4,596	39.4	58	35.8	148	43.3	93	38.1
Live Birth Order: 4 or More	12	14.5	75	10.5	706	15.4	1,282	11.0	20	12.3	29	8.5	28	11.5
Birth Spacing: Less than 18 Mos.	10	19.6	56	13.4	326	12.9	669	10.2	14	13.9	25	12.7	19	13.8
Prenatal Care: 1st Trimester	62	75.6	431	63.6	2,858	69.9	8,565	79.7	120	75.9	263	78.0	156	65.5
Prenatal Care: 2nd Trimester	19	23.2	194	28.6	913	22.3	1,778	16.5	34	21.5	57	16.9	56	23.5
Prenatal Care: 3rd Trimester	1	1.2	52	7.7	212	5.2	306	2.8	4	2.5	15	4.5	18	7.6
Prenatal Care: None	0	0.0	1	0.1	104	2.5	104	1.0	0	0.0	2	0.6	8	3.4
Prenatal Care: Inadequate	17	21.5	178	26.6	1,073	26.6	1,575	14.9	19	12.0	44	13.1	54	23.5
Maternal Utilization: Medicaid	32	40.0	313	46.7	2,745	60.4	3,978	34.5	58	36.0	205	59.9	135	55.3
Maternal Utilization: WIC	38	45.8	400	56.7	2,309	51.8	3,510	31.1	71	43.8	182	54.7	148	60.9
Maternal Utilization: FSP	23	31.5	263	38.1	2,136	48.6	2,837	25.5	40	24.8	108	32.7	88	37.4
Mother's Age: At Delivery	0	0.0	0	0.0	4	0.1	7	0.1	0	0.0	0	0.0	0	0.0
15-17	1	1.2	15	2.1	69	1.5	100	0.9	3	1.9	12	3.5	5	2.0
18-19	5	6.0	47	6.6	231	5.0	333	2.9	4	2.5	30	8.8	27	11.1
20-24	33	39.8	240	33.6	1,115	24.3	2,096	18.0	31	19.1	118	34.5	59	24.2
25-29	28	33.7	217	30.4	1,329	29.0	3,235	27.7	65	40.1	101	29.5	73	29.9
30-34	16	19.3	127	17.8	1,210	26.4	3,899	33.4	48	29.6	62	18.1	60	24.6
35-39	0	0.0	64	9.0	530	11.6	1,671	14.3	10	6.2	17	5.0	13	5.3
40 and over	0	0.0	4	0.6	92	2.0	328	2.8	1	0.6	2	0.6	7	2.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<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	92	100.0	655	100.0	301	100.0	284	100.0	431	100.0	312	100.0	151	100.0
Birth Weight: Under 2500 Grams	5	5.4	43	6.6	24	8.0	21	7.4	22	5.1	35	11.2	15	9.9
Birth Weight: Above 4499 Grams	0	0.0	1	0.2	7	2.3	2	0.7	7	1.6	1	0.3	2	1.3
Gest. Age: Less than 37 Weeks	15	16.3	62	9.5	28	9.3	34	12.0	36	8.4	43	13.8	21	13.9
APGAR (5 Min.): Less than 8	12	13.0	34	5.2	15	5.1	25	8.8	23	5.3	13	4.2	7	4.8
Infant Care: NICU Admission	2	2.2	42	6.4	19	6.3	14	4.9	24	5.6	20	6.4	8	5.3
Infant Care: Transfer	3	3.3	13	2.0	12	4.0	7	2.5	12	2.8	9	2.9	2	1.3
Place of Birth: At-Home Delivery	0	0.0	2	0.3	17	5.6	14	4.9	3	0.7	0	0.0	5	3.3
Method of Delivery: Cesarean	36	39.1	178	27.2	82	27.3	96	33.9	121	28.1	116	37.2	43	28.5
Infant Care: Breastfed	63	71.6	497	80.6	199	71.3	206	76.6	338	79.5	163	55.4	82	55.4
Mat. Smoking: During Preg.	30	33.3	156	23.9	90	29.9	65	23.1	82	19.1	80	26.1	49	32.5
...Quit Smoking During Preg.	3	10.0	33	21.2	26	28.9	11	16.9	16	19.5	16	20.0	6	12.2
Mat. Wt.: Underweight	4	4.4	32	4.9	19	6.4	10	3.7	21	4.9	13	4.2	5	3.3
Mat. Wt.: Obese	30	33.0	170	26.3	89	30.0	75	27.6	138	32.4	92	29.7	48	31.8
Mat. Sing. Wt. Gain: Low	14	18.4	67	11.7	43	16.5	38	16.0	62	16.1	44	17.3	13	10.7
Mat. Sing. Wt. Gain: High	14	18.4	139	24.3	56	21.5	50	21.0	85	22.0	55	21.6	27	22.3
Mother's Education: Under 12 Yrs.	19	20.7	105	16.1	61	20.3	52	18.4	46	10.7	67	21.5	34	22.7
Marital Status: Out-of-Wedlock	44	47.8	293	44.7	108	35.9	134	47.2	173	40.1	144	46.2	71	47.0
Live Birth Order: 4 or More	9	9.9	95	14.5	51	16.9	40	14.1	60	13.9	51	16.5	20	13.3
Birth Spacing: Less than 18 Mos.	5	9.8	61	15.0	21	10.8	25	16.6	34	12.9	32	18.0	13	13.5
Prenatal Care: 1st Trimester	73	80.2	422	67.4	197	67.7	207	74.2	305	74.8	180	60.6	104	70.3
Prenatal Care: 2nd Trimester	12	13.2	152	24.3	66	22.7	55	19.7	83	20.3	90	30.3	35	23.6
Prenatal Care: 3rd Trimester	6	6.6	47	7.5	25	8.6	12	4.3	19	4.7	25	8.4	6	4.1
Prenatal Care: None	0	0.0	5	0.8	3	1.0	5	1.8	1	0.2	2	0.7	3	2.0
Prenatal Care: Inadequate	16	18.0	154	25.2	69	26.8	48	17.2	69	17.0	94	32.3	32	21.8
Maternal Utilization: Medicaid	47	51.6	368	56.5	168	56.2	152	56.3	160	37.4	178	59.7	98	65.3
Maternal Utilization: WIC	59	65.6	418	64.4	162	55.3	173	62.0	157	36.9	233	75.9	110	73.8
Maternal Utilization: FSP	31	34.1	225	35.7	100	35.2	78	35.0	109	25.9	155	52.2	60	41.7
Mother's Age: At Delivery	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	8	8.7	12	1.8	6	2.0	4	1.4	9	2.1	12	3.8	8	5.3
18-19	6	6.5	40	6.1	22	7.3	23	8.1	13	3.0	29	9.3	15	9.9
20-24	29	31.5	215	32.8	81	27.0	103	36.3	115	26.7	113	36.2	52	34.4
25-29	29	31.5	185	28.2	106	35.3	85	29.9	148	34.3	86	27.6	41	27.2
30-34	19	20.7	129	19.7	56	18.7	51	18.0	89	20.6	47	15.1	24	15.9
35-39	1	1.1	62	9.5	22	7.3	16	5.6	46	10.7	22	7.1	9	6.0
40 and over	0	0.0	11	1.7	7	2.3	2	0.7	11	2.6	3	1.0	2	1.3

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2015

	<u>Webster</u>		<u>Worth</u>		<u>Wright</u>	
	Number	Percent	Number	Percent	Number	Percent
Live Births	566	100.0	18	100.0	228	100.0
Birth Weight: Under 2500 Grams	30	5.3	0	0.0	21	9.2
Birth Weight: Above 4999 Grams	10	1.8	0	0.0	4	1.8
Gest. Age: Less than 37 Weeks	34	6.0	1	5.6	27	11.8
APGAR (5 Min.): Less than 8	16	3.6	1	5.6	12	5.4
Infant Care: NICU Admission	40	7.1	1	5.6	14	6.1
Infant Care: Transfer	3	0.5	0	0.0	2	0.9
Place of Birth: At-Home Delivery	134	23.7	0	0.0	8	3.5
Method of Delivery: Cesarean	112	19.9	4	22.2	44	19.4
Infant Care: Breastfed	490	90.9	13	72.2	160	74.8
Mat. Smoking: During Preg.	72	12.8	9	50.0	56	24.8
...Quit Smoking During Preg.	13	18.1	5	55.6	8	14.3
Mat. Wt.: Underweight	12	2.2	0	0.0	9	4.0
Mat. Wt.: Obese	154	27.9	5	27.8	72	32.1
Mat. Sing. Wt. Gain: Low	61	11.9	1	5.9	34	17.5
Mat. Sing. Wt. Gain: High	99	19.3	1	5.9	30	15.5
Mother's Education: Under 12 Yrs.	204	36.2	1	5.6	53	23.2
Marital Status: Out-of-Wedlock	131	23.1	8	44.4	87	38.2
Live Birth Order: 4 or More	151	26.7	1	5.6	37	16.2
Birth Spacing: Less than 18 Mos.	84	22.8	2	20.0	27	18.5
Prenatal Care: 1st Trimester	290	54.1	14	77.8	134	61.8
Prenatal Care: 2nd Trimester	172	32.1	4	22.2	68	31.3
Prenatal Care: 3rd Trimester	67	12.5	0	0.0	11	5.1
Prenatal Care: None	7	1.3	0	0.0	4	1.8
Prenatal Care: Inadequate	221	42.1	3	16.7	47	22.4
Maternal Utilization: Medicaid	190	33.8	6	33.3	151	67.4
Maternal Utilization: WIC	187	34.2	7	38.9	153	67.7
Maternal Utilization: FSP	106	19.4	1	7.7	95	43.2
Mother's Age: At Delivery	1	0.2	0	0.0	0	0.0
15-17	5	0.9	0	0.0	6	2.6
18-19	37	6.5	2	11.1	22	9.6
20-24	178	31.4	8	44.4	82	36.0
25-29	176	31.1	6	33.3	71	31.1
30-34	113	20.0	1	5.6	26	11.4
35-39	44	7.8	0	0.0	15	6.6
40 and over	12	2.1	1	5.6	6	2.6

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2015

	<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	328	100.0	705	100.0	459	100.0	372	100.0	1,373	100.0	688	100.0
Birth Weight: Under 2500 Grams	17	5.2	46	6.5	35	7.6	23	6.2	124	9.0	74	10.8
Birth Weight: Above 4499 Grams	4	1.2	11	1.6	5	1.1	8	2.2	16	1.2	7	1.0
Gest. Age: Less than 37 Weeks	23	7.0	69	9.8	39	8.5	25	6.7	125	9.1	87	12.7
APGAR (5 Min.): Less than 8	9	2.8	36	5.1	27	5.9	15	4.0	104	7.6	39	5.7
Infant Care: NICU Admission	19	5.8	64	9.1	42	9.2	18	4.8	173	12.6	70	10.2
Infant Care: Transfer	2	0.6	6	0.9	2	0.4	3	0.8	7	0.5	14	2.0
Place of Birth: At-Home Delivery	4	1.2	5	0.7	4	0.9	1	0.3	10	0.7	4	0.6
Method of Delivery: Cesarean	112	34.1	186	26.4	127	27.7	130	35.0	479	34.9	227	33.0
Infant Care: Breastfed	294	93.0	595	86.9	289	67.1	336	92.6	1,135	87.0	503	75.6
Mat. Smoking: During Preg.	13	4.0	88	12.5	82	17.9	7	1.9	124	9.2	54	8.0
...Quit Smoking During Preg.	10	76.9	26	29.5	14	17.1	6	85.7	36	29.0	10	18.5
Mat. Wt.: Underweight	4	1.2	27	3.9	19	4.2	16	4.3	57	4.2	19	2.8
Mat. Wt.: Obese	54	16.6	176	25.3	127	27.9	48	12.9	289	21.3	220	32.5
Mat. Sing. Wt. Gain: Low	25	8.5	68	11.3	53	13.5	17	5.1	138	11.4	76	13.4
Mat. Sing. Wt. Gain: High	60	20.3	147	24.5	87	22.1	55	16.4	236	19.6	122	21.4
Mother's Education: Under 12 Yrs.	1	0.3	45	6.4	68	14.8	9	2.4	96	7.0	51	7.5
Marital Status: Out-of-Wedlock	46	14.0	228	32.3	229	49.9	34	9.1	425	31.0	366	53.2
Live Birth Order: 4 or More	19	5.8	66	9.4	60	13.1	34	9.2	127	9.2	90	13.2
Birth Spacing: Less than 18 Mos.	13	7.2	30	7.2	35	14.7	25	10.5	87	11.5	43	11.2
Prenatal Care: 1st Trimester	274	87.5	515	75.4	312	71.1	310	88.8	1,152	85.7	484	76.1
Prenatal Care: 2nd Trimester	36	11.5	135	19.8	103	23.5	36	10.3	151	11.2	128	20.1
Prenatal Care: 3rd Trimester	1	0.3	29	4.2	16	3.6	2	0.6	37	2.8	21	3.3
Prenatal Care: None	2	0.6	4	0.6	8	1.8	1	0.3	4	0.3	3	0.5
Prenatal Care: Inadequate	11	3.5	113	16.9	81	18.4	19	5.4	149	11.4	109	17.5
Maternal Utilization: Medicaid	24	7.4	194	28.1	230	50.4	23	6.3	333	24.3	272	39.9
Maternal Utilization: WIC	22	7.0	194	27.9	208	46.1	16	4.5	371	28.1	277	41.5
Maternal Utilization: FSP	10	3.1	104	16.0	163	36.6	13	3.6	283	21.5	193	29.5
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0
15-17	0	0.0	9	1.3	12	2.6	1	0.3	17	1.2	8	1.2
18-19	4	1.2	29	4.1	14	3.1	1	0.3	42	3.1	25	3.6
20-24	36	11.0	121	17.2	142	31.0	13	3.5	196	14.3	165	24.0
25-29	82	25.0	268	38.1	145	31.7	80	21.5	485	35.3	227	33.0
30-34	136	41.5	202	28.7	101	22.1	161	43.3	435	31.7	173	25.1
35-39	59	18.0	66	9.4	39	8.5	100	26.9	172	12.5	77	11.2
40 and over	11	3.4	9	1.3	4	0.9	16	4.3	25	1.8	13	1.9

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2015

	<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	352	100.0	299	100.0	1,602	100.0	544	100.0	693	100.0	637	100.0
Birth Weight: Under 2500 Grams	22	6.3	36	12.0	141	8.8	50	9.2	45	6.5	45	7.1
Birth Weight: Above 4499 Grams	3	0.9	5	1.7	20	1.2	5	0.9	5	0.7	5	0.8
Gest. Age: Less than 37 Weeks	26	7.4	32	10.7	158	9.9	41	7.5	63	9.1	62	9.7
APGAR (5 Min.): Less than 8	16	4.5	17	5.7	75	4.7	36	6.6	25	3.6	25	3.9
Infant Care: NICU Admission	25	7.1	29	9.7	178	11.1	33	6.1	60	8.7	59	9.3
Infant Care: Transfer	3	0.9	8	2.7	15	0.9	10	1.8	1	0.1	1	0.2
Place of Birth: At-Home Delivery	1	0.3	0	0.0	12	0.7	0	0.0	4	0.6	3	0.5
Method of Delivery: Cesarean	115	32.7	86	28.8	431	26.9	175	32.2	204	29.6	187	29.5
Infant Care: Breastfed	278	81.3	212	73.6	1,266	80.7	413	79.3	561	82.1	516	82.2
Mat. Smoking: During Preg.	45	12.8	24	8.1	336	21.0	89	16.5	135	19.5	127	20.0
...Quit Smoking During Preg.	8	17.8	8	33.3	75	22.3	17	19.1	35	25.9	33	26.0
Mat. Wt.: Underweight	15	4.3	12	4.0	58	3.6	22	4.1	34	4.9	34	5.4
Mat. Wt.: Obese	100	28.7	91	30.5	496	31.2	146	27.2	193	28.0	175	27.6
Mat. Sing. Wt. Gain: Low	35	11.1	33	12.8	208	15.0	65	13.4	81	13.0	71	12.5
Mat. Sing. Wt. Gain: High	73	23.1	59	23.0	344	24.7	96	19.8	121	19.5	112	19.8
Mother's Education: Under 12 Yrs.	31	8.8	16	5.4	304	19.0	65	12.0	108	15.6	101	15.9
Marital Status: Out-of-Wedlock	145	41.2	169	56.5	871	54.4	259	47.6	332	47.9	304	47.7
Live Birth Order: 4 or More	47	13.4	39	13.1	218	13.6	66	12.2	85	12.3	76	11.9
Birth Spacing: Less than 18 Mos.	26	12.9	24	14.4	141	14.4	34	11.0	45	11.7	42	12.0
Prenatal Care: 1st Trimester	225	65.4	195	70.7	981	62.6	368	70.4	498	72.7	458	72.8
Prenatal Care: 2nd Trimester	91	26.5	63	22.8	452	28.8	126	24.1	144	21.0	131	20.8
Prenatal Care: 3rd Trimester	20	5.8	12	4.3	103	6.6	29	5.5	35	5.1	32	5.1
Prenatal Care: None	8	2.3	6	2.2	31	2.0	0	0.0	8	1.2	8	1.3
Prenatal Care: Inadequate	77	23.1	58	21.6	438	28.4	113	22.1	129	18.9	118	18.8
Maternal Utilization: Medicaid	120	34.9	126	43.2	750	47.3	209	38.4	359	52.0	336	53.0
Maternal Utilization: WIC	120	34.3	131	45.0	828	52.4	205	38.2	345	50.6	323	51.6
Maternal Utilization: FSP	68	21.4	88	30.9	559	37.6	171	32.8	232	34.9	214	35.1
Mother's Age: At Delivery	0	0.0	0	0.0	3	0.2	0	0.0	0	0.0	0	0.0
15-17	6	1.7	2	0.7	39	2.4	9	1.7	15	2.2	15	2.4
18-19	12	3.4	4	1.3	101	6.3	22	4.0	50	7.2	49	7.7
20-24	87	24.7	94	31.4	488	30.5	139	25.6	233	33.6	216	33.9
25-29	94	26.7	92	30.8	491	30.6	185	34.0	221	31.9	204	32.0
30-34	106	30.1	71	23.7	322	20.1	128	23.5	119	17.2	105	16.5
35-39	36	10.2	32	10.7	129	8.1	53	9.7	48	6.9	43	6.8
40 and over	11	3.1	4	1.3	29	1.8	8	1.5	7	1.0	5	0.8

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2015

	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	56	100.0	6,973	100.0	4,518	100.0	1,819	100.0	635	100.0	1	100.0
Birth Weight: Under 2500 Grams	0	0.0	603	8.6	461	10.2	113	6.2	29	4.6	0	0.0
Birth Weight: Above 4499 Grams	0	0.0	71	1.0	47	1.0	21	1.2	3	0.5	0	0.0
Gest. Age: Less than 37 Weeks	1	1.8	673	9.7	479	10.6	145	8.0	49	7.7	0	0.0
APGAR (5 Min.): Less than 8	0	0.0	388	5.6	269	6.0	101	5.6	18	2.8	0	0.0
Infant Care: NICU Admission	1	1.8	772	11.1	580	12.8	149	8.2	43	6.8	0	0.0
Infant Care: Transfer	0	0.0	63	0.9	42	0.9	18	1.0	3	0.5	0	0.0
Place of Birth: At-Home Delivery	1	1.8	86	1.2	69	1.5	11	0.6	6	0.9	0	0.0
Method of Delivery: Cesarean	17	30.4	1,866	26.8	1,157	25.6	527	29.1	182	28.7	0	0.0
Infant Care: Breastfed	45	81.8	5,469	80.4	3,344	75.9	1,558	87.9	566	90.7	1	100.0
Mat. Smoking: During Preg.	8	14.3	677	9.8	480	10.7	163	9.0	34	5.4	0	0.0
...Quit Smoking During Preg.	2	25.0	175	25.8	123	25.6	44	27.0	8	23.5	0	0.0
Mat. Wt.: Underweight	0	0.0	260	3.8	159	3.6	71	3.9	30	4.8	0	0.0
Mat. Wt.: Obese	18	32.1	1,720	25.0	1,171	26.4	410	22.7	139	22.1	0	0.0
Mat. Sing. Wt. Gain: Low	10	18.5	791	13.1	548	14.2	174	10.8	69	12.1	0	0.0
Mat. Sing. Wt. Gain: High	9	16.7	1,183	19.6	745	19.3	319	19.7	119	21.0	0	0.0
Mother's Education: Under 12 Yrs.	7	12.5	1,131	16.3	954	21.2	138	7.6	39	6.2	0	0.0
Marital Status: Out-of-Wedlock	28	50.0	3,330	47.8	2,568	56.8	576	31.7	186	29.3	0	0.0
Live Birth Order: 4 or More	9	16.1	1,061	15.3	798	17.8	199	11.0	64	10.1	0	0.0
Birth Spacing: Less than 18 Mos.	3	8.3	550	13.5	404	15.1	113	10.8	33	9.3	0	0.0
Prenatal Care: 1st Trimester	40	71.4	4,308	64.2	2,542	58.9	1,307	73.5	459	74.3	0	0.0
Prenatal Care: 2nd Trimester	13	23.2	1,722	25.6	1,234	28.6	366	20.6	121	19.6	1	100.0
Prenatal Care: 3rd Trimester	3	5.4	558	8.3	436	10.1	91	5.1	31	5.0	0	0.0
Prenatal Care: None	0	0.0	126	1.9	105	2.4	14	0.8	7	1.1	0	0.0
Prenatal Care: Inadequate	11	19.6	1,883	28.4	1,457	34.0	321	18.4	104	17.1	1	100.0
Maternal Utilization: Medicaid	23	41.1	2,915	42.3	2,379	53.3	426	23.8	110	17.5	0	0.0
Maternal Utilization: WIC	22	39.3	2,970	43.3	2,377	53.7	449	24.9	144	22.9	0	0.0
Maternal Utilization: FSP	18	32.7	2,102	36.6	1,731	48.2	280	17.2	91	17.0	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	0	0.0	143	2.1	122	2.7	17	0.9	4	0.6	0	0.0
18-19	1	1.8	314	4.5	227	5.0	62	3.4	25	3.9	0	0.0
20-24	17	30.4	1,572	22.6	1,144	25.3	327	18.0	101	15.9	0	0.0
25-29	17	30.4	2,085	29.9	1,285	28.4	606	33.4	193	30.4	1	100.0
30-34	14	25.0	1,924	27.6	1,145	25.3	568	31.3	211	33.2	0	0.0
35-39	5	8.9	784	11.2	490	10.8	210	11.6	84	13.2	0	0.0
40 and over	2	3.6	142	2.0	98	2.2	27	1.5	17	2.7	0	0.0

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2015

	<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	343	100.0	1,026	100.0	324	100.0	375	100.0	1,002	100.0	398	100.0
Birth Weight: Under 2500 Grams	31	9.0	64	6.2	14	4.3	27	7.2	74	7.4	40	10.1
Birth Weight: Above 4499 Grams	1	0.3	6	0.6	6	1.9	4	1.1	12	1.2	1	0.3
Gest. Age: Less than 37 Weeks	37	10.8	88	8.6	14	4.3	35	9.3	117	11.7	44	11.1
APGAR (5 Min.): Less than 8	15	4.5	45	4.4	16	4.9	15	4.0	45	4.5	23	5.8
Infant Care: NICU Admission	32	9.3	106	10.3	20	6.2	24	6.4	64	6.4	47	11.8
Infant Care: Transfer	1	0.3	5	0.5	2	0.6	2	0.5	17	1.7	4	1.0
Place of Birth: At-Home Delivery	3	0.9	7	0.7	5	1.5	2	0.5	5	0.5	6	1.5
Method of Delivery: Cesarean	108	31.5	298	29.0	79	24.5	148	39.5	298	29.8	115	28.9
Infant Care: Breastfed	313	92.9	889	89.7	290	90.6	320	88.4	829	84.6	305	78.8
Mat. Smoking: During Preg.	9	2.6	54	5.3	48	15.0	15	4.1	68	6.9	46	11.6
...Quit Smoking During Preg.	3	33.3	23	42.6	12	25.0	5	33.3	14	20.6	16	34.8
Mat. Wt.: Underweight	10	2.9	33	3.3	5	1.6	17	4.6	24	2.4	17	4.4
Mat. Wt.: Obese	44	12.9	181	17.9	79	24.7	77	20.9	195	19.6	121	31.0
Mat. Sing. Wt. Gain: Low	12	4.1	81	9.4	39	13.2	30	9.5	66	7.7	37	11.1
Mat. Sing. Wt. Gain: High	63	21.5	176	20.4	63	21.4	60	18.9	192	22.5	72	21.6
Mother's Education: Under 12 Yrs.	6	1.8	41	4.0	23	7.1	11	2.9	32	3.2	43	10.8
Marital Status: Out-of-Wedlock	54	15.7	239	23.3	107	33.0	102	27.2	235	23.5	214	53.8
Live Birth Order: 4 or More	24	7.0	95	9.4	45	14.0	26	7.0	84	8.4	51	12.9
Birth Spacing: Less than 18 Mos.	13	7.3	42	7.0	25	11.7	13	7.6	47	8.2	29	12.4
Prenatal Care: 1st Trimester	285	88.8	814	82.7	227	72.3	285	81.0	817	84.8	268	70.0
Prenatal Care: 2nd Trimester	33	10.3	134	13.6	72	22.9	59	16.8	130	13.5	90	23.5
Prenatal Care: 3rd Trimester	2	0.6	32	3.3	11	3.5	8	2.3	17	1.8	19	5.0
Prenatal Care: None	1	0.3	4	0.4	4	1.3	0	0.0	0	0.0	6	1.6
Prenatal Care: Inadequate	19	6.0	101	10.6	54	18.0	44	12.5	83	8.6	82	21.9
Maternal Utilization: Medicaid	35	10.4	174	17.3	67	21.1	66	17.9	143	14.4	178	45.8
Maternal Utilization: WIC	35	10.4	190	19.0	75	23.2	74	21.1	123	12.5	170	43.5
Maternal Utilization: FSP	22	6.5	93	11.2	44	14.8	45	13.0	81	8.3	105	31.0
Mother's Age: At Delivery												
Under 15	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
15-17	3	0.9	12	1.2	5	1.5	0	0.0	5	0.5	4	1.0
18-19	3	0.9	26	2.5	8	2.5	13	3.5	26	2.6	27	6.8
20-24	22	6.4	120	11.7	54	16.7	42	11.2	131	13.1	89	22.4
25-29	70	20.4	291	28.4	114	35.2	143	38.2	297	29.7	140	35.2
30-34	165	48.1	401	39.1	89	27.5	118	31.6	380	38.0	95	23.9
35-39	65	19.0	151	14.7	42	13.0	48	12.8	140	14.0	37	9.3
40 and over	15	4.4	25	2.4	11	3.4	10	2.7	22	2.2	6	1.5

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2015

	<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	856	100.0	1,017	100.0	4,581	100.0	667	100.0	2,168	100.0	439	100.0
Birth Weight: Under 2500 Grams	52	6.1	87	8.6	585	12.8	45	6.8	173	8.0	45	10.3
Birth Weight: Above 4499 Grams	8	0.9	13	1.3	29	0.6	6	0.9	27	1.2	7	1.6
Gest. Age: Less than 37 Weeks	75	8.8	78	7.7	610	13.3	54	8.1	198	9.1	42	9.6
APGAR (5 Min.): Less than 8	31	3.6	21	2.1	295	6.5	30	4.5	98	4.5	14	3.2
Infant Care: NICU Admission	52	6.1	65	6.4	361	7.9	41	6.1	173	8.0	29	6.6
Infant Care: Transfer	9	1.1	15	1.5	118	2.6	7	1.0	2	0.1	3	0.7
Place of Birth: At-Home Delivery	7	0.8	7	0.7	29	0.6	0	0.0	39	1.8	2	0.5
Method of Delivery: Cesarean	247	28.9	287	28.3	1,388	30.3	231	34.7	525	24.3	144	32.9
Infant Care: Breastfed	715	85.5	691	69.6	2,995	66.6	560	86.3	1,695	83.0	371	85.7
Mat. Smoking: During Preg.	96	11.5	253	25.0	571	12.6	48	7.3	494	22.9	14	3.2
...Quit Smoking During Preg.	25	26.0	54	21.3	129	22.6	17	35.4	106	21.5	5	35.7
Mat. Wt.: Underweight	25	3.0	38	3.8	180	4.0	22	3.3	118	5.6	26	6.0
Mat. Wt.: Obese	179	21.2	305	30.2	1,142	25.4	151	22.7	560	26.5	58	13.4
Mat. Sing. Wt. Gain: Low	54	7.2	135	14.9	402	11.1	47	7.9	227	12.0	34	9.1
Mat. Sing. Wt. Gain: High	176	23.3	188	20.7	705	19.6	103	17.4	488	25.8	62	16.6
Mother's Education: Under 12 Yrs.	54	6.3	197	19.4	811	17.8	16	2.4	344	15.9	18	4.1
Marital Status: Out-of-Wedlock	256	29.9	528	51.9	2,666	58.2	153	22.9	1,049	48.4	141	32.1
Live Birth Order: 4 or More	78	9.2	157	15.4	706	15.4	47	7.1	269	12.4	38	8.7
Birth Spacing: Less than 18 Mos.	46	10.0	101	15.7	326	12.9	30	8.1	191	15.6	20	9.3
Prenatal Care: 1st Trimester	646	80.1	734	73.0	2,858	69.9	540	84.2	1,320	64.5	334	83.5
Prenatal Care: 2nd Trimester	128	15.9	202	20.1	913	22.3	82	12.8	581	28.4	52	13.0
Prenatal Care: 3rd Trimester	29	3.6	59	5.9	212	5.2	18	2.8	119	5.8	11	2.8
Prenatal Care: None	3	0.4	10	1.0	104	2.5	1	0.2	27	1.3	3	0.8
Prenatal Care: Inadequate	97	12.1	181	18.1	1,073	26.6	56	8.9	527	26.9	51	12.9
Maternal Utilization: Medicaid	204	24.1	535	52.8	2,745	60.4	98	14.8	1,186	55.2	132	30.5
Maternal Utilization: WIC	176	21.2	503	50.4	2,309	51.8	75	11.5	1,210	56.9	104	24.5
Maternal Utilization: FSP	132	16.0	379	39.0	2,136	48.6	40	6.2	774	37.7	84	20.1
Mother's Age: At Delivery	0	0.0	0	0.0	4	0.1	0	0.0	1	0.0	0	0.0
15-17	6	0.7	22	2.2	69	1.5	4	0.6	38	1.8	5	1.1
18-19	22	2.6	66	6.5	231	5.0	14	2.1	126	5.8	9	2.1
20-24	127	14.9	321	31.6	1,115	24.3	61	9.2	688	31.7	49	11.2
25-29	263	30.8	326	32.1	1,329	29.0	219	32.9	657	30.3	104	23.7
30-34	306	35.8	189	18.6	1,210	26.4	267	40.1	480	22.1	185	42.1
35-39	112	13.1	81	8.0	530	11.6	85	12.8	147	6.8	70	15.9
40 and over	19	2.2	12	1.2	92	2.0	16	2.4	31	1.4	17	3.9

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2015

	<u>Wentzville</u>		<u>Wildwood</u>	
	Number	Percent	Number	Percent
Live Births	531	100.0	231	100.0
Birth Weight: Under 2500 Grams	45	8.5	21	9.2
Birth Weight: Above 4499 Grams	8	1.5	4	1.7
Gest. Age: Less than 37 Weeks	65	12.3	26	11.3
APGAR (5 Min.): Less than 8	28	5.3	9	3.9
Infant Care: NICU Admission	23	4.3	19	8.2
Infant Care: Transfer	5	0.9	5	2.2
Place of Birth: At-Home Delivery	5	0.9	2	0.9
Method of Delivery: Cesarean	181	34.2	78	33.9
Infant Care: Breastfed	437	83.2	201	88.5
Mat. Smoking: During Preg.	48	9.1	2	0.9
...Quit Smoking During Preg.	18	3.5	0	0.0
Mat. Wt.: Underweight	17	3.2	8	3.5
Mat. Wt.: Obese	113	21.6	22	9.6
Mat. Sing. Wt. Gain: Low	34	7.6	6	3.0
Mat. Sing. Wt. Gain: High	90	20.0	39	19.6
Mother's Education: Under 12 Yrs.	29	5.5	2	0.9
Marital Status: Out-of-Wedlock	119	22.4	14	6.1
Live Birth Order: 4 or More	68	12.9	23	10.0
Birth Spacing: Less than 18 Mos.	35	10.6	7	4.7
Prenatal Care: 1st Trimester	437	86.4	199	90.9
Prenatal Care: 2nd Trimester	57	11.3	15	6.8
Prenatal Care: 3rd Trimester	11	2.2	2	0.9
Prenatal Care: None	1	0.2	3	1.4
Prenatal Care: Inadequate	44	8.7	13	6.0
Maternal Utilization: Medicaid	80	15.2	12	5.2
Maternal Utilization: WIC	63	12.0	7	3.2
Maternal Utilization: FSP	42	8.1	6	2.7
Mother's Age: At Delivery	0	0.0	0	0.0
Under 15	5	0.9	0	0.0
15-17	14	2.6	1	0.4
18-19	61	11.5	10	4.3
20-24	174	32.8	34	14.8
25-29	183	34.5	109	47.4
30-34	85	16.0	69	30.0
35-39	9	1.7	7	3.0
40 and over				

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Ages by Selected Counties by Residence: Missouri, 2015

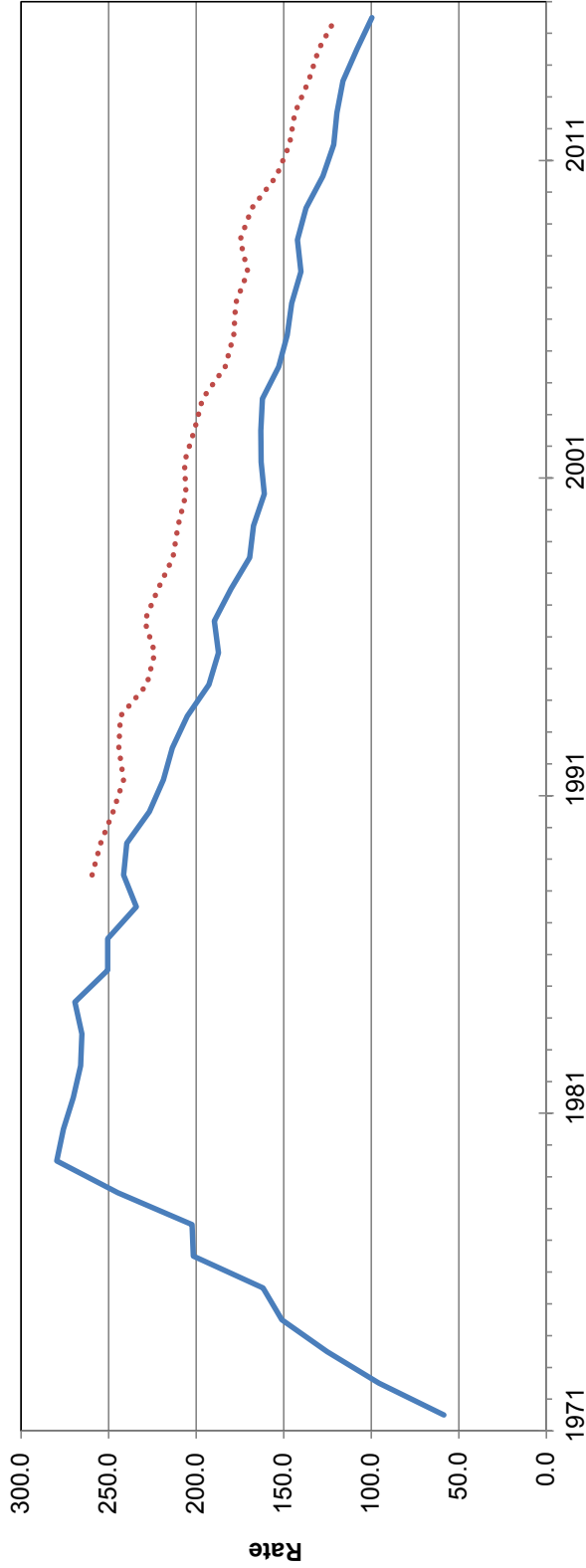
	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
State Total	5,640	1,464	4,176	731	206	525
Adair	19	7	12	1	0	1
Andrew	13	4	9	4	2	2
Atchison	2	0	2	0	0	0
Audrain	34	10	24	4	2	2
Barry	48	11	37	2	0	2
Barton	21	2	19	2	1	1
Bates	11	4	7	1	0	1
Benton	13	2	11	0	0	0
Bollinger	11	3	8	0	0	0
Boone	108	29	79	27	7	20
Buchanan	107	27	80	6	1	5
Butler	56	14	42	1	0	1
Caldwell	10	1	9	1	0	1
Callaway	45	10	35	4	2	2
Camden	44	16	28	4	0	4
Cape Girardeau	69	17	52	10	1	9
Carroll	7	3	4	2	1	1
Carter	9	3	6	0	0	0
Cass	79	22	57	10	2	8
Cedar	22	6	16	1	0	1
Chariton	5	1	4	0	0	0
Christian	61	13	48	5	2	3
Clark	4	2	2	0	0	0
Clay	172	47	125	22	10	12
Clinton	15	3	12	1	1	0
Cole	56	13	43	11	3	8
Cooper	11	2	9	4	2	2
Crawford	26	7	19	1	0	1
Dade	8	2	6	0	0	0
Dallas	20	3	17	2	0	2
Daviess	10	4	6	1	0	1
Dekalb	11	3	8	1	0	1
Dent	25	3	22	0	0	0
Douglas	13	3	10	0	0	0
Dunklin	58	21	37	0	0	0
Franklin	102	23	79	10	4	6
Gasconade	12	4	8	0	0	0
Gentry	5	2	3	0	0	0
Greene	280	67	213	43	8	35
Grundy	5	2	3	2	1	1
Harrison	6	3	3	0	0	0
Henry	27	8	19	4	0	4
Hickory	3	1	2	1	0	1
Holt	2	0	2	0	0	0
Howard	10	1	9	0	0	0
Howell	61	6	55	1	0	1
Iron	13	7	6	1	1	0
Jackson	800	251	549	134	42	92
Jasper	163	40	123	5	0	5
Jefferson	156	50	106	19	9	10
Johnson	41	12	29	6	0	6
Laclede	56	12	44	1	0	1
Lafayette	25	3	22	1	1	0
Lawrence	44	5	39	2	0	2
Lewis	6	2	4	0	0	0
Lincoln	55	10	45	5	2	3
Linn	14	6	8	0	0	0
Livingston	16	4	12	2	1	1
McDonald	38	11	27	1	0	1

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Counties by Selected Ages by County of Residence: Missouri, 2015

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Macon	16	6	10	0	0	0
Madison	19	4	15	0	0	0
Maries	7	1	6	0	0	0
Marion	28	4	24	2	0	2
Mercer	4	1	3	1	0	1
Miller	41	13	28	2	2	0
Mississippi	19	6	13	2	0	2
Moniteau	14	1	13	0	0	0
Monroe	3	3	0	1	1	0
Montgomery	12	3	9	2	0	2
Morgan	29	7	22	1	0	1
New Madrid	22	10	12	0	0	0
Newton	58	11	47	2	0	2
Nodaway	13	2	11	1	0	1
Oregon	19	4	15	0	0	0
Osage	4	0	4	0	0	0
Ozark	9	2	7	0	0	0
Pemiscot	42	14	28	0	0	0
Perry	22	6	16	0	0	0
Pettis	57	19	38	0	0	0
Phelps	37	3	34	2	0	2
Pike	13	3	10	2	1	1
Platte	56	9	47	6	1	5
Polk	23	9	14	0	0	0
Pulaski	60	9	51	3	0	3
Putnam	5	2	3	0	0	0
Ralls	5	0	5	0	0	0
Randolph	34	10	24	3	1	2
Ray	23	4	19	3	1	2
Reynolds	10	3	7	0	0	0

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Ripley	16	4	12	1	0	1
St. Charles	189	44	145	44	14	30
St. Clair	6	1	5	0	0	0
St. Francois	67	18	49	5	3	2
Ste. Genevieve	7	3	4	0	0	0
St. Louis City	394	100	294	87	25	62
St. Louis County	608	148	460	162	41	121
Saline	21	7	14	0	0	0
Schuyler	1	0	1	0	0	0
Scotland	6	4	2	0	0	0
Scott	60	18	42	3	1	2
Shannon	11	2	9	2	1	1
Shelby	4	1	3	0	0	0
Stoddard	43	12	31	1	0	1
Stone	32	5	27	0	0	0
Sullivan	15	9	6	1	1	0
Taney	61	15	46	8	2	6
Texas	28	6	22	0	0	0
Vernon	32	5	27	5	1	4
Warren	22	9	13	0	0	0
Washington	43	14	29	2	2	0
Wayne	23	8	15	0	0	0
Webster	44	6	38	1	0	1
Worth	2	0	2	0	0	0
Wright	29	6	23	1	0	1

Graph D. Resident Abortion Ratios per 1,000 Live Births: Missouri, 1971-2015



Year	Recorded	Resident	Resident Ratio	Estimated*	Estimated*	Year	Recorded	Resident	Resident Ratio	Estimated*	Estimated*
1971	---	4,582	58.5	---	---	2005	7,977	11,619	147.9	14,025	178.6
1975	10,245	11,077	161.8	---	---	2010	6,163	9,796	127.7	11,823	154.1
1980	19,043	21,671	275.8	---	---	2011	5,751	9,234	121.4	11,161	146.7
1985	19,482	19,210	250.5	---	---	2012	5,624	9,027	119.7	10,824	143.6
1990	16,366	17,947	226.8	19,582	247.5	2013	5,416	8,740	116.2	10,217	135.8
1995	11,203	13,635	187.3	16,281	223.6	2014	5,064	8,129	108.2	9,760	130.0
2000	7,884	12,292	161.0	15,710	205.8	2015	4,765	7,474	99.6	9,016	120.1

Source: 1971-1974 Centers for Disease Control; 1975-2015 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.

*Estimate Resident: Resident Abortions as defined above plus estimated Missouri resident counts from Illinois for 1988-2015 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, 2015

	Total	Weeks of Gestation									
		Under 9	9-10	11-12	13-14	15-16	17-19	20	21 and Over	Unknown	
State Total	7,474	4,416	1,402	751	338	198	232	63	72	2	
Patient's Race											
White, Non-Hispanic	3,752	2,384	673	306	137	92	96	28	34	2	
Black, Non-Hispanic	2,762	1,426	570	347	156	88	112	30	33	0	
Other, Non-Hispanic	582	382	93	42	27	12	19	3	4	0	
Unknown, Non-Hispanic	103	57	24	13	5	1	2	1	0	0	
Hispanic, Any Race	275	167	42	43	13	5	3	1	1	0	
Patient's Age											
Under 15	16	4	3	3	5	0	0	0	1	0	
15	40	22	7	7	1	2	1	0	0	0	
16	68	28	19	10	5	3	1	2	0	0	
17	82	35	19	11	6	7	4	0	0	0	
18	239	120	52	28	17	5	10	4	3	0	
19	286	152	56	34	20	4	13	3	4	0	
20-24	2,486	1,417	487	265	123	76	79	25	14	0	
25-29	2,039	1,247	378	181	87	51	64	11	19	1	
30-34	1,282	791	238	123	43	28	36	11	11	1	
35-39	709	456	110	64	21	19	20	5	14	0	
40 and Over	226	144	33	25	10	3	4	2	5	0	
Unknown	1	0	0	0	0	0	0	0	1	0	
Type of Procedure											
Curettage	4,008	2,109	983	748	149	6	8	3	2	0	
Intrauterine Instillation	1	0	0	0	0	0	0	1	0	0	
Hysterotomy/Hysterectomy	0	0	0	0	0	0	0	0	0	0	
Laminaria D & E	730	2	2	3	188	192	221	58	63	1	
Medical/Nonsurgical	2,725	2,298	417	0	1	0	2	1	5	1	
Unknown	2	0	0	0	0	0	0	0	2	0	
Other	8	7	0	0	0	0	1	0	0	0	

Table 12B. Recorded Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2015

	Total	Weeks of Gestation										21 and Over	Unknown
		Under 9	9-10	11-12	13-14	15-16	17-19	20					
State Total	4,765	2,624	891	518	231	161	195	68	77	0			
Patient's Race													
White, Non-Hispanic	2,193	1,323	396	195	78	71	70	28	32	0			
Black, Non-Hispanic	2,010	963	400	267	123	77	101	38	41	0			
Other, Non-Hispanic	326	212	51	21	18	7	15	1	1	0			
Unknown, Non-Hispanic	111	55	27	15	5	1	5	1	2	0			
Hispanic, Any Race	125	71	17	20	7	5	4	0	1	0			
Patient's Age													
Under 15	14	3	2	3	5	0	0	0	1	0			
15	26	12	6	5	0	2	1	0	0	0			
16	47	20	10	8	6	1	0	2	0	0			
17	53	22	11	9	3	5	2	1	0	0			
18	153	76	30	18	7	5	10	4	3	0			
19	201	105	36	24	14	3	11	4	4	0			
20-24	1,647	881	319	179	92	65	64	27	20	0			
25-29	1,278	718	243	133	58	38	55	14	19	0			
30-34	779	453	141	86	26	25	29	9	10	0			
35-39	413	248	67	35	13	14	18	4	14	0			
40 and Over	153	86	26	18	7	3	5	3	5	0			
Unknown	1	0	0	0	0	0	0	0	1	0			
Type of Procedure													
Curettage	2,895	1,559	701	517	116	2	0	0	0	0			
Intrauterine Instillation	1	0	0	0	0	0	0	1	0	0			
Hysterotomy/Hysterectomy	0	0	0	0	0	0	0	0	0	0			
Laminaria D & E	605	0	0	1	114	159	194	66	71	0			
Medical/Nonsurgical	1,263	1,065	190	0	1	0	1	1	5	0			
Unknown	1	0	0	0	0	0	0	0	1	0			
Other	0	0	0	0	0	0	0	0	0	0			

Table 13. Resident Abortions by Age, Marital Status, and Education by Race and Hispanic Origin: Missouri, 2015

	Total	Patient's Race				
		White, Non-Hispanic	Black, Non-Hispanic	Other, Non-Hispanic	Hispanic, Any Race	
State Total	7,474	3,752	2,762	582	103	275
Patient's Age						
Under 15	16	6	8	1	1	0
15	40	20	14	3	1	2
16	68	29	28	4	1	6
17	82	47	22	4	5	4
18	239	110	91	20	2	16
19	286	151	96	23	6	10
20-24	2,486	1,201	986	182	30	87
25-29	2,039	996	781	158	30	74
30-34	1,282	660	457	104	16	45
35-39	709	408	217	54	5	25
40 and Over	226	123	62	29	6	6
Unknown	1	1	0	0	0	0
Marital Status						
Never Married	3,370	1,400	1,638	183	81	68
Currently Married	1,031	669	154	150	10	48
Formerly Married	210	158	29	10	7	6
Unmarried, Unspecified	2,784	1,492	912	230	0	150
Unknown	79	33	29	9	5	3
Years of Education						
0-8	175	51	63	31	4	26
9-11	726	364	250	49	14	49
12	3,044	1,327	1,399	192	38	88
13-15	2,144	1,165	724	161	22	72
16 or More	1,154	733	258	119	18	26
Unknown	231	112	68	30	7	14

Table 14. Resident Abortions and Ratios per 1,000 Live Births by County and BRFSS Region of Residence: Missouri, 2015

Counties	Number	Ratio	Counties	Number	Ratio	Counties	Number	Ratio	Counties	Number	Ratio
State Total	7,474	99.6	DeKalb	4	33.9	McDonald	3	8.8	Shannon	3	37.0
Adair	10	37.2	Dent	3	14.1	Mercer	3	58.8	Shelby	2	27.8
Andrew	13	65.7	Douglas	3	19.7	Miller	12	36.9	St. Charles	357	78.6
Atchison	4	76.9	Dunklin	9	22.3	Mississippi	4	27.0	St. Clair	3	36.1
Audrain	17	49.6	Franklin	81	65.3	Moniteau	5	22.6	St. Francois	37	51.7
Barry	11	25.3	Gasconade	6	36.6	Monroe	3	30.0	St. Louis City	968	211.3
Barton	6	38.5	Gentry	2	17.5	Montgomery	6	48.4	St. Louis County	1,820	155.9
Bates	5	26.7	Greene	262	73.5	Morgan	6	20.8	Ste. Genevieve	6	37.0
Benton	3	17.5	Grundy	5	36.8	New Madrid	2	9.0	Stoddard	5	14.6
Bollinger	0	0.0	Harrison	1	9.1	Newton	12	17.8	Stone	7	28.7
Boone	260	125.1	Henry	18	72.0	Nodaway	19	86.4	Sullivan	4	43.5
Buchanan	92	79.5	Hickory	14	218.8	Oregon	1	8.0	Taney	31	47.3
Butler	9	17.1	Holt	3	73.2	Osage	2	13.0	Texas	8	26.6
Caldwell	4	34.5	Howard	10	79.4	Ozark	2	29.0	Vernon	14	49.3
Callaway	34	68.0	Howell	9	17.7	Pemiscot	4	14.7	Warren	15	34.8
Camden	29	67.4	Iron	4	37.4	Perry	1	4.4	Washington	5	16.0
Cape Girardeau	53	58.4	Jackson	1,711	183.1	Pettis	32	53.9	Wayne	3	19.9
Carroll	5	56.8	Jasper	56	33.6	PHELPS	20	37.9	Webster	8	14.1
Carter	0	0.0	Jefferson	144	55.8	Pike	10	43.9	Worth	0	0.0
Cass	107	95.1	Johnson	57	79.8	Platte	129	107.7	Wright	4	17.5
Cedar	6	31.9	Knox	1	23.8	Polk	10	27.2			
Chariton	4	44.4	Laclede	15	31.6	Pulaski	40	51.5			
Christian	39	36.3	Lafayette	22	62.9	Putnam	0	0.0			
Clark	3	32.3	Lawrence	8	16.5	Ralls	0	0.0			
Clay	322	105.4	Lewis	1	8.3	Randolph	18	65.2			
Clinton	22	97.3	Lincoln	58	77.3	Ray	15	55.8			
Cole	66	73.7	Linn	4	26.8	Reynolds	0	0.0			
Cooper	12	69.0	Livingston	8	50.3	Ripley	1	5.9			
Crawford	10	35.2	Macon	5	27.2	Saline	11	42.6			
Dade	0	0.0	Madison	1	7.1	Schuyler	2	31.3			
Dallas	5	21.8	Maries	2	19.0	Scotland	0	0.0			
Daviness	4	34.5	Marion	11	27.6	Scott	19	40.2			
									BRFSS Regions	Number	Ratio
									Northeast	105	34.6
									Northwest	204	69.2
									Central	587	66.7
									Southeast	188	28.0
									Southwest	516	44.6
									St. Louis Region	3,448	132.0
									Kansas City Region	2,337	147.2
									Metro	6,715	118.1
									Non-Metro	670	36.8

Table 15. Resident Abortions by Marital Status, Number of Living Children, and Number of Previous Abortions by Age of Patient: Missouri, 2015

	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	7,474	16	190	525	2,486	2,039	1,282	709	212	14	1
Marital Status											
Never Married	3,370	10	107	301	1,339	913	491	160	47	1	1
Currently Married	1,031	0	2	10	127	294	289	225	78	6	0
Formerly Married	210	0	0	1	17	49	46	71	24	2	0
Unmarried, Unspecified	2,784	5	76	204	981	766	443	246	58	5	0
Unknown	79	1	5	9	22	17	13	7	5	0	0
Number of Living Children											
0	2,842	16	182	418	1,292	600	214	93	24	2	1
1	1,973	0	5	89	733	624	329	148	42	3	0
2	1,525	0	0	12	320	513	383	232	61	4	0
3	723	0	0	3	99	197	234	140	46	4	0
4	248	0	0	0	20	73	70	62	22	1	0
5	80	0	0	0	5	14	30	19	12	0	0
6+	47	0	0	0	0	8	20	15	4	0	0
Unknown	36	0	3	3	17	10	2	0	1	0	0
Number of Previous Abortions											
0	4,611	16	185	469	1,742	1,120	611	352	107	9	0
1	1,833	0	5	50	567	571	388	187	60	4	1
2	690	0	0	6	142	239	167	110	25	1	0
3	201	0	0	0	26	73	59	33	10	0	0
4	75	0	0	0	3	19	31	16	6	0	0
5	32	0	0	0	4	7	14	6	1	0	0
6+	31	0	0	0	2	10	12	5	2	0	0
Unknown	1	0	0	0	0	0	0	0	1	0	0

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2015

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	6,083,672	75,042	59,810	15,232	76,169	61,995	12.3	9.8	2.5
Adair	25,378	269	212	57	539	222	10.6	8.4	2.2
Andrew	17,296	198	162	36	0	105	11.4	9.4	2.1
Atchison	5,306	52	81	-29	46	62	9.8	15.3	-5.5
Audrain	26,096	343	298	45	282	284	13.1	11.4	1.7
Barry	35,829	434	426	8	248	321	12.1	11.9	0.2
Barton	11,880	156	159	-3	3	133	13.1	13.4	-0.3
Bates	16,446	187	208	-21	4	169	11.4	12.6	-1.3
Benton	18,670	171	306	-135	8	192	9.2	16.4	-7.2
Bollinger	12,182	133	130	3	1	77	10.9	10.7	0.2
Boone	174,974	2,079	1,050	1,029	3,965	2,041	11.9	6.0	5.9
Buchanan	89,100	1,157	948	209	1,620	1,103	13.0	10.6	2.3
Butler	42,951	527	628	-101	1,407	741	12.3	14.6	-2.4
Caldwell	9,014	116	94	22	3	53	12.9	10.4	2.4
Callaway	44,834	500	397	103	6	228	11.2	8.9	2.3
Camden	44,237	430	492	-62	589	511	9.7	11.1	-1.4
Cape Girardeau	78,572	908	774	134	1,894	1,356	11.6	9.9	1.7
Carroll	8,992	88	107	-19	2	77	9.8	11.9	-2.1
Carter	6,263	77	83	-6	0	45	12.3	13.3	-1.0
Cass	101,603	1,125	883	242	14	639	11.1	8.7	2.4
Cedar	13,934	188	225	-37	41	157	13.5	16.1	-2.7
Chariton	7,589	90	98	-8	0	84	11.9	12.9	-1.1
Christian	83,279	1,075	676	399	17	445	12.9	8.1	4.8
Clark	6,801	93	90	3	8	64	13.7	13.2	0.4
Clay	235,637	3,056	1,811	1,245	2,721	2,139	13.0	7.7	5.3
Clinton	20,609	226	254	-28	145	314	11.0	12.3	-1.4
Cole	76,720	895	645	250	1,764	761	11.7	8.4	3.3
Cooper	17,642	174	190	-16	2	145	9.9	10.8	-0.9
Crawford	24,526	284	287	-3	299	257	11.6	11.7	-0.1
Dade	7,595	73	104	-31	1	76	9.6	13.7	-4.1
Dallas	16,393	229	201	28	8	157	14.0	12.3	1.7
Daviess	8,253	116	102	14	38	54	14.1	12.4	1.7
DeKalb	12,687	118	114	4	1	56	9.3	9.0	0.3
Dent	15,593	213	195	18	5	141	13.7	12.5	1.2
Douglas	13,373	152	179	-27	4	130	11.4	13.4	-2.0
Dunklin	30,895	403	425	-22	421	342	13.0	13.8	-0.7
Franklin	102,426	1,240	1,021	219	839	876	12.1	10.0	2.1
Gasconade	14,858	164	215	-51	4	183	11.0	14.5	-3.4
Gentry	6,692	114	75	39	18	72	17.0	11.2	5.8

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2015

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Greene	288,072	3,565	2,859	706	6,538	4,160	12.4	9.9	2.5
Grundy	10,097	136	155	-19	238	126	13.5	15.4	-1.9
Harrison	8,615	110	115	-5	9	85	12.8	13.3	-0.6
Henry	21,737	250	335	-85	364	267	11.5	15.4	-3.9
Hickory	9,201	64	158	-94	5	111	7.0	17.2	-10
Holt	4,484	41	67	-26	3	52	9.1	14.9	-5.8
Howard	10,139	126	94	32	4	54	12.4	9.3	3.2
Howell	40,117	509	535	-26	657	581	12.7	13.3	-0.6
Iron	10,125	107	162	-55	0	102	10.6	16.0	-5.4
Jackson	687,623	9,345	6,320	3,025	10,946	7,764	13.6	9.2	4.4
Jasper	118,596	1,669	1,108	561	222	709	14.1	9.3	4.7
Jefferson	224,124	2,581	1,980	601	402	1,417	11.5	8.8	2.7
Johnson	53,951	714	448	266	729	374	13.2	8.3	4.9
Knox	3,910	42	47	-5	7	24	10.7	12.0	-1.3
Laclede	35,473	474	412	62	390	326	13.4	11.6	1.7
Lafayette	32,701	350	399	-49	3	260	10.7	12.2	-1.5
Lawrence	38,180	486	442	44	278	362	12.7	11.6	1.2
Lewis	10,207	120	129	-9	5	88	11.8	12.6	-0.9
Lincoln	54,696	750	504	246	5	362	13.7	9.2	4.5
Linn	12,308	149	185	-36	5	128	12.1	15.0	-2.9
Livingston	15,028	159	197	-38	199	172	10.6	13.1	-2.5
Macon	15,335	184	203	-19	17	165	12.0	13.2	-1.2
Madison	12,408	141	175	-34	0	143	11.4	14.1	-2.7
Maries	8,963	105	101	4	4	62	11.7	11.3	0.4
Marion	28,880	398	343	55	637	370	13.8	11.9	1.9
McDonald	22,643	340	236	104	9	122	15.0	10.4	4.6
Mercer	3,694	51	43	8	15	23	13.8	11.6	2.2
Miller	25,113	325	317	8	2	212	12.9	12.6	0.3
Mississippi	14,036	148	156	-8	0	101	10.5	11.1	-0.6
Moniteau	15,963	221	141	80	21	116	13.8	8.8	5.0
Monroe	8,583	100	98	2	2	40	11.7	11.4	0.2
Montgomery	11,703	124	154	-30	0	136	10.6	13.2	-2.6
Morgan	20,171	288	283	5	49	211	14.3	14.0	0.2
New Madrid	18,208	222	226	-4	1	140	12.2	12.4	-0.2
Newton	58,615	675	648	27	2,915	1,411	11.5	11.1	0.5
Nodaway	22,810	220	200	20	299	163	9.6	8.8	0.9
Oregon	10,953	125	151	-26	5	97	11.4	13.8	-2.4
Osage	13,628	154	123	31	0	79	11.3	9.0	2.3
Ozark	9,409	69	119	-50	1	71	7.3	12.6	-5.3

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2015

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Pemiscot	17,482	272	245	27	1	177	15.6	14.0	1.5
Perry	19,183	229	193	36	153	153	11.9	10.1	1.9
Pettis	42,255	594	435	159	520	394	14.1	10.3	3.8
Phelps	44,794	528	480	48	852	467	11.8	10.7	1.1
Pike	18,348	228	209	19	12	167	12.4	11.4	1.0
Platte	96,096	1,198	671	527	876	498	12.5	7.0	5.5
Polk	31,229	367	337	30	542	356	11.8	10.8	1.0
Pulaski	53,221	776	311	465	474	194	14.6	5.8	8.7
Putnam	4,858	67	60	7	59	40	13.8	12.4	1.4
Ralls	10,196	86	106	-20	0	44	8.4	10.4	-2.0
Randolph	25,104	276	289	-13	8	227	11.0	11.5	-0.5
Ray	22,810	269	235	34	4	168	11.8	10.3	1.5
Reynolds	6,432	59	94	-35	0	61	9.2	14.6	-5.4
Ripley	13,802	170	200	-30	3	133	12.3	14.5	-2.2
Saline	23,258	258	237	21	239	195	11.1	10.2	0.9
Schuyler	4,436	64	59	5	8	31	14.4	13.3	1.1
Scotland	4,854	101	75	26	187	74	20.8	15.5	5.4
Scott	39,008	473	423	50	378	385	12.1	10.8	1.3
Shannon	8,258	81	86	-5	1	60	9.8	10.4	-0.6
Shelby	6,128	72	86	-14	1	57	11.7	14.0	-2.3
St. Charles	385,590	4,543	2,744	1,799	2,738	2,717	11.8	7.1	4.7
St. Clair	9,440	83	161	-78	3	115	8.8	17.1	-8.3
St. Francois	66,520	715	779	-64	745	664	10.7	11.7	-1.0
St. Louis City	315,685	4,581	2,967	1,614	3,442	4,386	14.5	9.4	5.1
St. Louis County	1,003,362	11,676	9,970	1,706	21,484	11,531	11.6	9.9	1.7
Ste. Genevieve	17,919	162	198	-36	144	150	9.0	11.0	-2.0
Stoddard	29,862	342	432	-90	3	305	11.5	14.5	-3.0
Stone	30,943	244	360	-116	3	221	7.9	11.6	-3.7
Sullivan	6,353	92	66	26	0	36	14.5	10.4	4.1
Taney	54,592	655	615	40	605	608	12.0	11.3	0.7
Texas	25,690	301	321	-20	225	262	11.7	12.5	-0.8
Vernon	20,826	284	274	10	355	216	13.6	13.2	0.5
Warren	33,513	431	289	142	3	169	12.9	8.6	4.2
Washington	24,788	312	294	18	0	205	12.6	11.9	0.7
Wayne	13,405	151	199	-48	6	116	11.3	14.8	-3.6
Webster	37,483	566	355	211	133	247	15.1	9.5	5.6
Worth	2,057	18	31	-13	0	24	8.8	15.1	-6.3
Wright	18,268	228	210	18	9	144	12.5	11.5	1.0

Table 16B. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Cities with Over 25,000 Population: Missouri, 2015

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	30,577	328	235	93	0	224	10.7	7.7	3.0
Blue Springs	54,148	705	318	387	0	317	13.0	5.9	7.1
Cape Girardeau	39,462	459	440	19	1,891	1,191	11.6	11.1	0.5
Chesterfield	47,864	372	526	-154	1,869	989	7.8	11.0	-3.2
Columbia	119,108	1,373	700	673	3,957	1,939	11.5	5.9	5.7
Florissant	52,268	688	538	150	0	685	13.2	10.3	2.9
Gladstone	26,861	352	241	111	1	77	13.1	9.0	4.1
Hazelwood	25,661	299	196	103	0	66	11.7	7.6	4.0
Independence	117,255	1,602	1,400	202	1,420	1,299	13.7	11.9	1.7
Jefferson City	43,169	544	445	99	1,714	734	12.6	10.3	2.3
Kirkwood	27,750	343	313	30	0	147	12.4	11.3	1.1
Lee's Summit	95,094	1,026	688	338	1,847	861	10.8	7.2	3.6
Liberty	30,450	324	253	71	1,129	457	10.6	8.3	2.3
Maryland Heights	27,389	375	220	155	0	241	13.7	8.0	5.7
O'Fallon	85,040	1,002	465	537	777	496	11.8	5.5	6.3
Raytown	29,401	398	376	22	5	205	13.5	12.8	0.7
St. Charles	68,796	856	655	201	754	1,016	12.4	9.5	2.9
St. Joseph	76,596	1,017	812	205	1,613	1,040	13.3	10.6	2.7
St. Louis City	315,685	4,581	2,967	1,614	3,442	4,386	14.5	9.4	5.1
St. Peters	56,971	667	454	213	0	577	11.7	8.0	3.7
Springfield	166,810	2,168	1,878	290	6,523	3,814	13.0	11.3	1.7
University City	35,058	439	390	49	0	160	12.5	11.1	1.4
Wentzville	35,603	531	190	341	0	175	14.9	5.3	9.6
Wildwood	35,899	231	167	64	0	55	6.4	4.7	1.8

Table 16C. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Multi-County Cities: Missouri, 2015

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	51,818	693	524	169	3,117	1,416	13.4	10.1	3.3
...Jasper Co. Part	44,748	637	435	202	212	337	14.2	9.7	4.5
...Newton Co. Part	7,070	56	89	-33	2,905	1,079	7.9	12.6	-4.7
Kansas City	475,378	6,973	3,902	3,071	8,417	5,537	14.7	8.2	6.5
...Jackson Co. Part	308,250	4,518	2,821	1,697	7,554	4,819	14.7	9.2	5.5
...Clay Co. Part	120,519	1,819	749	1,070	0	378	15.1	6.2	8.9
...Platte Co. Part	46,412	635	332	303	863	340	13.7	7.2	6.5
...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, 2015

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Poplar Bluff	251	324
Raymore	233	180
Republic	236	142
Rolla	249	195
St. Ann	166	124
Sedalia	340	251
Sikeston	237	202
Town and Country	54	115
Troy	187	129
Union	178	105
Warrensburg	221	153
Washington	175	168
Webb City	191	97
Webster Groves	287	215
West Plains	181	206

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Arnold	223	216
Bellefontaine Neighbors	117	170
Belton	317	179
Bolivar	142	124
Branson	166	129
Bridgeton	115	171
Carthage	289	156
Clayton	97	84
Crestwood	153	141
Creve Coeur	155	198
Dardenne Prairie	110	65
Eureka	152	101
Excelsior Springs	146	169
Farmington	155	208
Ferguson	299	225
Festus	160	133
Fulton	131	120
Grain Valley	211	87
Grandview	390	191
Hannibal	250	244
Harrisonville	120	116
Jackson	176	147
Jennings	215	133
Kennett	158	161
Kirksville	199	133
Lake St. Louis	159	95
Lebanon	268	178
Manchester	234	103
Marshall	155	134
Maryville	95	97
Mexico	164	165
Moberly	164	186
Neosho	192	131
Nixa	287	173
Overland	212	159
Ozark	319	183

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2015

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	51	27	De Soto	65	113
Aurora	97	81	Des Peres	76	69
Ava	42	60	Dexter	115	142
Battlefield	80	24	East Prairie	44	41
Bel-Ridge	49	29	Eldon	68	90
Berkeley	154	87	El Dorado Springs	62	75
Bethany	43	51	Ellisville	72	150
Black Jack	78	124	Fayette	35	23
Bonne Terre	54	62	Fenton	31	45
Boonville	83	101	Fredricktown	45	74
Bowling Green	48	50	Frontenac	27	38
Breckenridge Hills	66	46	Glendale	91	34
Brentwood	110	47	Green Park	25	47
Brookfield	54	87	Greenwood	81	29
Buckner	46	34	Hayti	47	50
Buffalo	55	60	Herculaneum	53	53
Butler	57	67	Higginsville	55	71
Byrnes Mill	30	19	Hillsboro	61	14
California	65	65	Hollister	75	47
Camdenton	68	40	Holts Summit	69	28
Cameron	107	119	Kearney	107	54
Carl Junction	94	50	Knob Noster	65	19
Carrrollton	29	49	Ladue	65	64
Caruthersville	107	84	Lamar	69	89
Cassville	54	53	Lexington	62	65
Centralia	55	48	Licking	16	29
Chaffee	32	42	Louisiana	50	65
Charleston	53	53	Macon	77	103
Chillicothe	91	146	Malden	60	61
Clarkson Valley	12	11	Maplewood	104	50
Clinton	124	176	Marshfield	100	110
Cottleville	39	20	Monett	149	100
Crystal City	8	7	Monroe City	44	34
Cuba	44	47	Montgomery City	37	19
Dellwood	74	44	Moscow Mills	42	25
Deslodge	69	70	Mountain Grove	74	75

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2015

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
Mountain View	35	53
Mount Vernon	58	106
Nevada	134	161
New Madrid	30	48
Normandy	75	48
North Kansas City	39	55
Northwoods	50	64
Oak Grove	83	84
Odessa	55	84
Olivette	67	66
Osage Beach	49	87
Owensville	31	50
Pacific	96	66
Pagedale	57	44
Palmyra	45	44
Park Hills	119	98
Parkville	62	28
Peculiar	59	32
Perryville	107	125
Pevely	85	44
Pine Lawn	49	39
Platte City	84	47
Pleasant Hill	108	75
Pleasant Valley	36	49
Portageville	40	45
Potosi	40	48
Richmond	83	96
Richmond Heights	108	86
Riverside	64	36
Riverview	45	25
Rock Hill	77	37
Rogersville	57	35
St. Clair	72	49
Ste. Genevieve	39	48
St. James	46	85
St. John	106	69

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
St. Robert	77	24
Salem	87	74
Savannah	63	53
Scott City	64	40
Shrewsbury	69	96
Smithville	99	79
Sugar Creek	42	48
Sullivan	102	89
Sunset Hills	88	138
Tipton	33	31
Trenton	80	115
Valley Park	79	92
Vandalia	35	43
Warrenton	138	84
Waynesville	91	50
Weldon Spring	29	72
Willard	75	54
Windsor	41	47
Woodson Terrace	59	25
Wright City	61	31

Table 18. Twelve Leading Causes of Death by Race and Death Rates per 100,000 Residents: Missouri, 2016

Race	Causes of Death	Number	Crude Rate	Age-Adjusted Rate	Percent Of Total
Total (All Races)	1. Diseases of heart	14,778	242.9	197.5	24.7
	2. Malignant neoplasms	12,938	212.7	173.0	21.6
	3. Chronic lower respiratory disease	3,928	64.6	52.7	6.6
	4. Unintentional injuries	3,249	53.4	50.0	5.4
	5. Cerebrovascular diseases	3,021	49.7	40.6	5.1
	6. Alzheimer's disease	2,169	35.7	28.6	3.6
	7. Nephritis and nephrosis	1,480	24.3	19.9	2.5
	8. Diabetes mellitus	1,464	24.1	19.6	2.4
	9. Influenza and pneumonia	1,333	21.9	17.8	2.2
	10. Suicide	1,043	17.1	16.9	1.7
	11. Septicemia	859	14.1	11.6	1.4
	12. Chronic liver disease and cirrhosis	674	11.1	9.5	1.1
	All other causes	12,874	211.6	178.3	21.5
Total (All Causes)		59,810	983.1	816.1	100.0

Table 18. Twelve Leading Causes of Death by Race and Death Rates per 100,000 Residents: Missouri, 2016

Race	Causes of Death	Number	Percent Of Total
White, Non-Hispanic	1. Diseases of heart	13,152	25.1
	2. Malignant neoplasms	11,392	21.7
	3. Chronic lower respiratory disease	3,693	7.0
	4. Unintentional injuries	2,799	5.3
	5. Cerebrovascular diseases	2,605	5.0
	6. Alzheimer's disease	2,005	3.8
	7. Influenza and pneumonia	1,240	2.4
	8. Nephritis and nephrosis	1,237	2.4
	9. Diabetes mellitus	1,200	2.3
	10. Suicide	950	1.8
	11. Septicemia	751	1.4
	12. Chronic liver disease and cirrhosis	595	1.1
	All other causes	10,852	20.7
Total (All Causes)		52,471	100.0
Black, Non-Hispanic	1. Diseases of heart	1,387	22.8
	2. Malignant neoplasms	1,290	21.2
	3. Cerebrovascular diseases	357	5.9
	4. Homicide	349	5.7
	5. Unintentional injuries	342	5.6
	6. Nephritis and nephrosis	217	3.6
	7. Diabetes mellitus	212	3.5
	8. Chronic lower respiratory disease	188	3.1
	9. Alzheimer's disease	126	2.1
	10. Essential hypertension	99	1.6
	11. Septicemia	94	1.5
	12. Conditions orig. in perinatal period	75	1.2
	All other causes	1,358	22.3
Total (All Causes)		6,094	100.0

Race	Causes of Death	Number	Percent Of Total
Other Races	1. Malignant neoplasms	153	22.7
	2. Diseases of heart	128	19.0
	3. Unintentional injuries	58	8.6
	4. Cerebrovascular diseases	38	5.6
	5. Chronic lower respiratory disease	27	4.0
	5. Suicide	27	4.0
	7. Diabetes mellitus	22	3.3
	8. Alzheimer's disease	21	3.1
	9. Congenital anomalies	13	1.9
	10. Conditions orig. in perinatal period	12	1.8
	10. Influenza and pneumonia	12	1.8
	10. Nephritis and nephrosis	12	1.8
	All other causes	151	22.4
Total (All Causes)		674	100.0
Hispanic, Any Race	1. Diseases of heart	99	18.5
	2. Malignant neoplasms	98	18.4
	3. Unintentional injuries	49	9.2
	4. Diabetes mellitus	29	5.4
	5. Cerebrovascular diseases	20	3.7
	5. Suicide	20	3.7
	7. Alzheimer's disease	17	3.2
	7. Chronic lower respiratory disease	17	3.2
	9. Chronic liver disease and cirrhosis	16	3.0
	10. Homicide	12	2.2
	10. Nephritis and nephrosis	12	2.2
	12. Conditions orig. in perinatal period	9	1.7
	All other causes	136	25.5
Total (All Causes)		534	100.0

Table 19. Five Leading Causes of Death and Percentages for Selected Resident Age Groups: Missouri, 2015

Age Group	Causes of Death	Number	Percent Of Total
Under 1 year	1. Conditions orig. in perinatal period	229	46.8
	2. Congenital anomalies	109	22.3
	3. Unintentional injuries	57	11.7
	4. Diseases of heart	8	1.6
	4. Influenza and pneumonia	8	1.6
	Total (All Causes)	489	100.0
1-4 years	1. Unintentional injuries	28	32.6
	2. Homicide	14	16.3
	3. Malignant neoplasms	8	9.3
	4. Congenital anomalies	6	7.0
	5. Septicemia	5	5.8
	Total (All Causes)	86	100.0
5-14 years	1. Unintentional injuries	39	30.2
	2. Malignant neoplasms	21	16.3
	3. Suicide	10	7.8
	4. Homicide	8	6.2
	5. Chronic lower respiratory disease	5	3.9
	Total (All Causes)	5	3.9
15-24 years	1. Unintentional injuries	129	100.0
	2. Homicide	304	39.2
	3. Suicide	172	22.2
	4. Malignant neoplasms	127	16.4
	5. Diseases of heart	25	3.2
	Total (All Causes)	21	2.7
25-34 years	1. Unintentional injuries	776	100.0
	2. Suicide	435	38.2
	3. Homicide	159	13.9
	4. Diseases of heart	124	10.9
	5. Malignant neoplasms	96	8.4
	Total (All Causes)	71	6.2
35-44 years	1. Unintentional injuries	1,140	100.0
	2. Diseases of heart	343	21.8
	3. Malignant neoplasms	245	15.6
	4. Suicide	219	13.9
	5. Homicide	191	12.1
	Total (All Causes)	105	6.7
	Total (All Causes)	1,573	100.0

Age Group	Causes of Death	Number	Percent Of Total
45-54 years	1. Malignant neoplasms	947	24.6
	2. Diseases of heart	854	22.2
	3. Unintentional injuries	447	11.6
	4. Suicide	208	5.4
	5. Chronic lower respiratory disease	139	3.6
	Total (All Causes)	3,846	100.0
55-64 years	1. Malignant neoplasms	2,715	33.0
	2. Diseases of heart	1,939	23.6
	3. Chronic lower respiratory disease	504	6.1
	4. Unintentional injuries	412	5.0
	5. Diabetes mellitus	298	3.6
	Total (All Causes)	8,232	100.0
65-74 years	1. Malignant neoplasms	3,525	32.0
	2. Diseases of heart	2,551	23.2
	3. Chronic lower respiratory disease	1,022	9.3
	4. Cerebrovascular diseases	463	4.2
	5. Diabetes mellitus	349	3.2
	Total (All Causes)	11,019	100.0
75-84 years	1. Diseases of heart	3,646	25.2
	2. Malignant neoplasms	3,346	23.1
	3. Chronic lower respiratory disease	1,280	8.8
	4. Cerebrovascular diseases	853	5.9
	5. Alzheimer's disease	605	4.2
	Total (All Causes)	14,480	100.0
85 years & over	1. Diseases of heart	5,413	30.0
	2. Malignant neoplasms	2,059	11.4
	3. Alzheimer's disease	1,446	8.0
	4. Cerebrovascular diseases	1,269	7.0
	5. Chronic lower respiratory disease	939	5.2
	Total (All Causes)	18,040	100.0

Table 20. Resident Deaths with Age-Specific Rates per 1,000 Residents by Age Groups, Sex, and Race: Missouri, 2015

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	9.8	10.2	9.5	59,810	30,348	29,462	52,471	26,424	26,047	6,094	3,251	2,843
Under 1 Year	6.5	7.2	5.8	489	277	212	304	173	131	134	75	59
1-4 Years	0.3	0.3	0.3	86	48	38	59	28	31	22	16	6
5-9 Years	0.2	0.2	0.2	63	33	30	41	20	21	15	7	8
10-14 Years	0.2	0.2	0.1	66	38	28	43	24	19	13	9	4
15-19 Years	0.7	0.9	0.4	261	188	73	168	114	54	75	61	14
20-24 Years	1.2	1.7	0.7	515	376	139	313	218	95	171	135	36
25-29 Years	1.3	1.8	0.7	509	360	149	360	245	115	121	95	26
30-34 Years	1.6	2.1	1.0	631	425	206	450	302	148	147	101	46
35-39 Years	1.9	2.5	1.3	698	464	234	526	349	177	130	92	38
40-44 Years	2.4	2.9	2.0	875	516	359	680	394	286	156	97	59
45-49 Years	3.5	4.2	2.8	1,314	781	533	1,065	641	424	196	104	92
50-54 Years	5.9	7.1	4.7	2,532	1,513	1,019	2,118	1,261	857	350	212	138
55-59 Years	8.5	10.6	6.5	3,661	2,231	1,430	3,000	1,846	1,154	571	329	242
60-64 Years	12.2	15.4	9.2	4,571	2,766	1,805	3,862	2,369	1,493	609	349	260
65-69 Years	16.3	20.6	12.6	5,109	3,031	2,078	4,423	2,636	1,787	594	340	254
70-74 Years	25.7	30.3	21.7	5,910	3,221	2,689	5,209	2,830	2,379	579	325	254
75-79 Years	40.1	47.4	34.3	6,625	3,478	3,147	5,976	3,150	2,826	542	272	270
80-84 Years	65.4	76.8	57.3	7,855	3,821	4,034	7,143	3,476	3,667	594	285	309
85 Years & Over	142.3	158.8	134.0	18,040	6,781	11,259	16,731	6,348	10,383	1,075	347	728

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2015

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	59,810	489	86	63	66	261	515	509	631	698	875
Enterocolitis due to Clostridium difficile	219	0	0	0	0	0	1	0	0	0	2
Septicemia	859	5	5	0	2	2	3	4	6	9	12
HIV / AIDS	51	0	0	0	0	0	1	3	2	3	2
Malignant neoplasms	12,938	2	8	9	12	7	18	26	45	70	149
...Colon, rectum, and anus	1,123	0	0	0	0	0	3	2	6	9	22
...Pancreas	846	0	0	0	0	0	0	0	0	4	6
...Trachea, bronchus, and lung	3,864	0	0	0	0	0	0	1	0	5	21
...Breast	871	0	0	0	0	0	1	1	7	9	24
...Cervix uteri, corpus uteri, and ovary	516	0	0	0	0	2	0	2	6	3	17
...Prostate	550	0	0	0	0	0	0	0	0	0	1
...Urinary tract	709	0	0	0	1	0	0	0	2	1	7
...Non-Hodgkin's lymphoma	391	0	0	1	0	0	0	1	2	4	1
...Leukemia	479	1	1	1	3	2	4	4	5	4	5
...Other malignant neoplasms	3,589	1	7	7	8	3	10	15	17	31	45
Diabetes mellitus	1,464	0	1	0	1	0	3	6	17	12	18
Alzheimer's disease	2,169	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	556	0	0	0	0	0	0	0	0	0	0
Diseases of heart	14,778	8	3	0	2	8	13	38	58	83	162
Essential hypertension	511	0	0	0	0	0	0	1	0	5	6
Cerebrovascular diseases	3,021	1	3	0	1	1	3	4	7	14	29
Influenza and pneumonia	1,333	8	1	2	0	3	2	4	4	6	10
Chronic lower respiratory disease	3,928	0	0	3	2	1	5	2	2	9	20
Pneumonitis due to solids and liquids	553	0	0	0	0	1	1	0	3	1	2
Chronic liver disease and cirrhosis	674	0	0	0	0	0	0	3	7	23	36
Nephritis and nephrosis	1,480	1	1	1	0	0	0	1	9	7	6
Perinatal conditions	232	229	1	2	0	0	0	0	0	0	0
Congenital anomalies	193	109	6	4	1	2	2	3	8	1	3
Symptoms and ill-defined conditions	600	31	5	1	2	4	20	9	13	11	14
All other diseases	9,268	29	9	10	15	16	46	50	72	83	110
Unintentional injuries	3,249	57	28	25	14	108	196	214	221	181	162
...Motor vehicle crashes	894	0	4	10	10	73	98	92	70	50	46
...Falls	743	0	0	1	0	2	3	2	3	4	4
...Accidental poisoning	924	0	2	0	2	23	73	101	129	103	95
...Other unintentional injuries	688	57	22	14	2	10	22	19	19	24	17
Suicide	1,043	0	0	0	10	53	74	72	87	105	86
Homicide	539	7	14	5	3	51	121	67	57	66	39
All other external causes	152	2	1	1	1	4	6	2	13	9	7

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2015

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	1,314	2,532	3,661	4,571	5,109	5,910	6,625	7,855	18,040	0
Enterocolitis due to Clostridium difficile	4	4	8	9	14	25	37	31	84	0
Septicemia	12	31	52	79	89	98	107	114	229	0
HIV / AIDS	7	9	17	4	2	0	1	0	0	0
Malignant neoplasms	279	668	1,187	1,528	1,721	1,804	1,721	1,625	2,059	0
...Colon, rectum, and anus	30	60	91	117	128	148	154	113	240	0
...Pancreas	14	49	86	95	121	119	96	111	145	0
...Trachea, bronchus, and lung	63	185	390	462	619	641	557	508	412	0
...Breast	33	62	89	109	105	101	104	87	139	0
...Cervix uteri, corpus uteri, and ovary	27	48	55	62	70	61	48	53	62	0
...Prostate	0	8	14	42	58	71	67	85	204	0
...Urinary tract	11	21	48	69	87	103	92	108	159	0
...Non-Hodgkin's lymphoma	4	13	30	29	53	53	67	58	75	0
...Leukemia	11	21	31	43	49	49	79	70	96	0
...Other malignant neoplasms	86	201	353	500	431	458	457	432	527	0
Diabetes mellitus	40	68	132	166	165	184	179	176	296	0
Alzheimer's disease	0	2	5	10	18	83	201	404	1,446	0
Parkinson's disease	0	0	3	9	24	53	89	155	223	0
Diseases of heart	275	579	845	1,094	1,150	1,401	1,570	2,076	5,413	0
Essential hypertension	3	11	13	40	33	36	45	56	262	0
Cerebrovascular diseases	38	76	102	157	201	262	375	478	1,269	0
Influenza and pneumonia	17	28	35	58	73	96	138	187	661	0
Chronic lower respiratory disease	29	110	186	318	419	603	653	627	939	0
Pneumonitis due to solids and liquids	6	10	13	13	28	46	56	83	290	0
Chronic liver disease and cirrhosis	48	90	110	100	93	52	59	33	20	0
Nephritis and nephrosis	28	34	69	72	121	153	186	240	551	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	6	7	10	8	3	6	4	5	5	0
Symptoms and ill-defined conditions	20	29	26	38	45	40	52	59	181	0
All other diseases	180	349	491	591	690	791	959	1,247	3,530	0
Unintentional injuries	192	255	239	173	145	137	142	221	539	0
...Motor vehicle crashes	64	72	72	48	52	36	32	34	31	0
...Falls	9	15	22	32	28	48	70	132	368	0
...Accidental poisoning	87	128	102	45	19	5	3	5	2	0
...Other unintentional injuries	32	40	43	48	46	48	37	50	138	0
Suicide	83	125	95	83	54	27	39	25	25	0
Homicide	31	31	16	9	8	4	3	5	2	0
All other external causes	16	16	7	12	13	9	9	8	16	0

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2015

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	30,348	277	48	33	38	188	376	360	425	464	516
Enterocolitis due to Clostridium difficile	79	0	0	0	0	0	0	0	0	0	0
Septicemia	425	4	3	0	1	1	2	3	1	3	3
HIV / AIDS	44	0	0	0	0	0	1	3	2	1	2
Malignant neoplasms	6,872	2	5	7	7	1	12	13	25	34	63
...Colon, rectum, and anus	588	0	0	0	0	0	1	2	5	5	14
...Pancreas	438	0	0	0	0	0	0	0	0	3	4
...Trachea, bronchus, and lung	2,092	0	0	0	0	0	0	1	0	4	9
...Breast	8	0	0	0	0	0	0	0	0	1	0
...Cervix uteri, corpus uteri, and ovary	0	0	0	0	0	0	0	0	0	0	0
...Prostate	550	0	0	0	0	0	0	0	0	0	1
...Urinary tract	464	0	0	0	0	0	0	0	1	0	5
...Non-Hodgkin's lymphoma	225	0	0	1	0	0	0	1	2	2	1
...Leukemia	282	1	1	1	1	0	4	1	4	1	1
...Other malignant neoplasms	2,225	1	4	5	6	1	7	8	13	18	28
Diabetes mellitus	805	0	0	0	1	0	2	2	12	6	10
Alzheimer's disease	626	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	355	0	0	0	0	0	0	0	0	0	0
Diseases of heart	7,756	3	0	0	0	7	8	24	38	55	110
Essential hypertension	206	0	0	0	0	0	0	0	0	3	5
Cerebrovascular diseases	1,243	1	3	0	0	0	2	1	4	7	14
Influenza and pneumonia	607	6	0	1	0	2	1	2	2	3	3
Chronic lower respiratory disease	1,867	0	0	2	2	0	4	2	2	6	8
Pneumonitis due to solids and liquids	316	0	0	0	0	1	0	0	1	1	1
Chronic liver disease and cirrhosis	456	0	0	0	0	0	0	3	6	20	25
Nephritis and nephrosis	738	1	1	0	0	0	0	0	6	5	2
Perinatal conditions	127	124	1	2	0	0	0	0	0	0	0
Congenital anomalies	108	63	5	3	1	2	0	3	3	0	1
Symptoms and ill-defined conditions	305	19	2	0	1	1	13	8	9	6	6
All other diseases	4,113	12	5	6	7	10	18	30	38	49	64
Unintentional injuries	1,963	35	13	10	9	75	142	146	150	126	105
...Motor vehicle crashes	627	0	2	4	6	48	71	58	46	40	36
...Falls	357	0	0	1	0	1	3	2	3	3	4
...Accidental poisoning	572	0	1	0	2	17	49	71	86	65	54
...Other unintentional injuries	407	35	10	5	1	9	19	15	15	18	11
Suicide	815	0	0	0	8	39	59	67	67	79	63
Homicide	438	6	9	2	1	45	107	56	52	56	28
All other external causes	84	1	1	0	0	4	5	1	7	4	3

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2015

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	781	1,513	2,231	2,766	3,031	3,221	3,478	3,821	6,781	0
Enterocolitis due to Clostridium difficile	0	1	2	1	6	14	13	12	30	0
Septicemia	3	15	30	48	43	51	57	52	105	0
HIV / AIDS	6	8	15	3	2	0	1	0	0	0
Malignant neoplasms	129	314	660	858	978	975	930	827	1,032	0
...Colon, rectum, and anus	14	35	51	69	66	84	82	49	111	0
...Pancreas	8	22	53	57	82	70	47	39	53	0
...Trachea, bronchus, and lung	32	91	218	254	357	358	299	259	210	0
...Breast	1	0	1	1	1	1	0	2	0	0
...Cervix uteri, corpus uteri, and ovary	0	0	0	0	0	0	0	0	0	0
...Prostate	0	8	14	42	58	71	67	85	204	0
...Urinary tract	8	15	34	49	66	61	61	69	95	0
...Non-Hodgkin's lymphoma	2	9	21	18	34	25	43	31	35	0
...Leukemia	7	13	18	26	32	29	50	44	48	0
...Other malignant neoplasms	57	121	250	342	282	276	281	249	276	0
Diabetes mellitus	27	42	81	92	108	103	101	99	119	0
Alzheimer's disease	0	1	0	7	10	36	75	130	367	0
Parkinson's disease	0	0	2	6	16	38	57	101	135	0
Diseases of heart	184	424	565	722	762	837	923	1,044	2,050	0
Essential hypertension	1	7	6	28	22	22	22	20	70	0
Cerebrovascular diseases	21	40	64	84	112	127	169	222	372	0
Influenza and pneumonia	8	15	19	29	37	51	68	104	256	0
Chronic lower respiratory disease	12	51	95	180	205	289	302	289	418	0
Pneumonitis due to solids and liquids	3	5	7	9	18	21	36	47	166	0
Chronic liver disease and cirrhosis	34	62	76	77	65	26	30	22	10	0
Nephritis and nephrosis	17	18	41	45	75	96	89	126	216	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	5	1	4	4	3	4	1	3	2	0
Symptoms and ill-defined conditions	14	20	18	24	36	26	19	32	51	0
All other diseases	97	202	297	357	386	395	453	548	1,139	0
Unintentional injuries	128	164	164	116	90	77	88	111	214	0
...Motor vehicle crashes	49	54	53	35	32	21	26	21	25	0
...Falls	7	11	20	24	15	23	39	64	137	0
...Accidental poisoning	54	68	64	24	11	3	0	2	1	0
...Other unintentional injuries	18	31	27	33	32	30	23	24	51	0
Suicide	61	94	69	63	45	23	36	25	21	0
Homicide	22	22	13	5	6	4	1	2	1	0
All other external causes	9	7	3	8	6	6	7	5	7	0

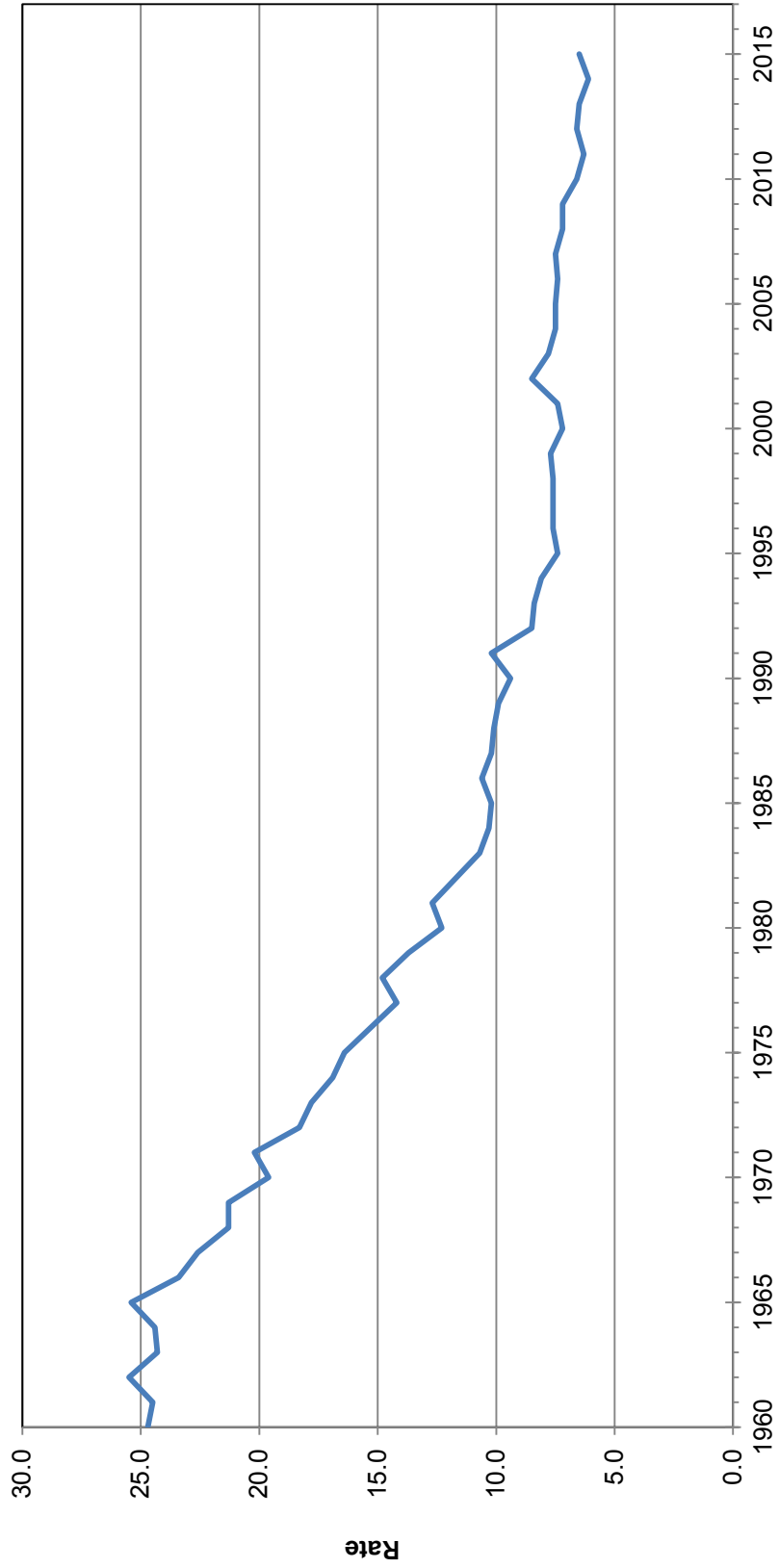
Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2015

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	29,462	212	38	30	28	73	139	149	206	234	359
Enterocolitis due to Clostridium difficile	140	0	0	0	0	0	1	0	0	0	2
Septicemia	434	1	2	0	1	1	1	1	5	6	9
HIV / AIDS	7	0	0	0	0	0	0	0	0	2	0
Malignant neoplasms	6,066	0	3	2	5	6	6	13	20	36	86
...Colon, rectum, and anus	535	0	0	0	0	0	2	0	1	4	8
...Pancreas	408	0	0	0	0	0	0	0	0	1	2
...Trachea, bronchus, and lung	1,772	0	0	0	0	0	0	0	0	1	12
...Breast	863	0	0	0	0	0	0	1	7	8	24
...Cervix uteri, corpus uteri, and ovary	516	0	0	0	0	2	0	2	6	3	17
...Prostate	0	0	0	0	0	0	0	0	0	0	0
...Urinary tract	245	0	0	0	1	0	0	0	1	1	2
...Non-Hodgkin's lymphoma	166	0	0	0	0	0	0	0	0	2	0
...Leukemia	197	0	0	0	2	2	0	3	1	3	4
...Other malignant neoplasms	1,364	0	3	2	2	2	3	7	4	13	17
Diabetes mellitus	659	0	1	0	0	0	1	4	5	6	8
Alzheimer's disease	1,543	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	201	0	0	0	0	0	0	0	0	0	0
Diseases of heart	7,022	5	3	0	2	1	5	14	20	28	52
Essential hypertension	305	0	0	0	0	0	0	1	0	2	1
Cerebrovascular diseases	1,778	0	0	0	1	1	1	3	3	7	15
Influenza and pneumonia	726	2	1	1	0	1	1	2	2	3	7
Chronic lower respiratory disease	2,061	0	0	1	0	1	1	0	0	3	12
Pneumonitis due to solids and liquids	237	0	0	0	0	0	1	0	2	0	1
Chronic liver disease and cirrhosis	218	0	0	0	0	0	0	0	1	3	11
Nephritis and nephrosis	742	0	0	1	0	0	0	1	3	2	4
Perinatal conditions	105	105	0	0	0	0	0	0	0	0	0
Congenital anomalies	85	46	1	1	0	0	2	0	5	1	2
Symptoms and ill-defined conditions	295	12	3	1	1	3	7	1	4	5	8
All other diseases	5,155	17	4	4	8	6	28	20	34	34	46
Unintentional injuries	1,286	22	15	15	5	33	54	68	71	55	57
...Motor vehicle crashes	267	0	2	6	4	25	27	34	24	10	10
...Falls	386	0	0	0	0	1	0	0	0	1	0
...Accidental poisoning	352	0	1	0	0	6	24	30	43	38	41
...Other unintentional injuries	281	22	12	9	1	3	4	4	6	6	6
Suicide	228	0	0	0	2	14	15	9	20	26	23
Homicide	101	1	5	3	2	6	14	11	5	10	11
All other external causes	68	1	0	1	1	0	1	1	6	5	4

Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2015

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	533	1,019	1,430	1,805	2,078	2,689	3,147	4,034	11,259	0
Enterocolitis due to Clostridium difficile	4	3	6	8	8	11	24	19	54	0
Septicemia	9	16	22	31	46	47	50	62	124	0
HIV / AIDS	1	1	2	1	0	0	0	0	0	0
Malignant neoplasms	150	354	527	670	743	829	791	798	1,027	0
...Colon, rectum, and anus	16	25	40	48	62	64	72	64	129	0
...Pancreas	6	27	33	38	39	49	49	72	92	0
...Trachea, bronchus, and lung	31	94	172	208	262	283	258	249	202	0
...Breast	32	62	88	108	104	100	104	85	139	0
...Cervix uteri, corpus uteri, and ovary	27	48	55	62	70	61	48	53	62	0
...Prostate	0	0	0	0	0	0	0	0	0	0
...Urinary tract	3	6	14	20	21	42	31	39	64	0
...Non-Hodgkin's lymphoma	2	4	9	11	19	28	24	27	40	0
...Leukemia	4	8	13	17	17	20	29	26	48	0
...Other malignant neoplasms	29	80	103	158	149	182	176	183	251	0
Diabetes mellitus	13	26	51	74	57	81	78	77	177	0
Alzheimer's disease	0	1	5	3	8	47	126	274	1,079	0
Parkinson's disease	0	0	1	3	8	15	32	54	88	0
Diseases of heart	91	155	280	372	388	564	647	1,032	3,363	0
Essential hypertension	2	4	7	12	11	14	23	36	192	0
Cerebrovascular diseases	17	36	38	73	89	135	206	256	897	0
Influenza and pneumonia	9	13	16	29	36	45	70	83	405	0
Chronic lower respiratory disease	17	59	91	138	214	314	351	338	521	0
Pneumonitis due to solids and liquids	3	5	6	4	10	25	20	36	124	0
Chronic liver disease and cirrhosis	14	28	34	23	28	26	29	11	10	0
Nephritis and nephrosis	11	16	28	27	46	57	97	114	335	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	1	6	6	4	0	2	3	2	3	0
Symptoms and ill-defined conditions	6	9	8	14	9	14	33	27	130	0
All other diseases	83	147	194	234	304	396	506	699	2,391	0
Unintentional injuries	64	91	75	57	55	60	54	110	325	0
...Motor vehicle crashes	15	18	19	13	20	15	6	13	6	0
...Falls	2	4	2	8	13	25	31	68	231	0
...Accidental poisoning	33	60	38	21	8	2	3	3	1	0
...Other unintentional injuries	14	9	16	15	14	18	14	26	87	0
Suicide	22	31	26	20	9	4	3	0	4	0
Homicide	9	9	3	4	2	0	2	3	1	0
All other external causes	7	9	4	4	7	3	2	3	9	0

Graph E. Resident Infant Deaths per 1,000 Live Births: Missouri, 1960-2015



Year	Infant Deaths	Rate	Year	Infant Deaths	Rate	Year	Infant Deaths	Rate
1960	2,414	24.7	1985	784	10.2	2010	504	6.6
1965	2,060	25.4	1990	746	9.4	2011	482	6.3
1970	1,580	19.6	1995	539	7.4	2012	496	6.6
1975	1,123	16.4	2000	547	7.2	2013	488	6.5
1980	970	12.3	2005	588	7.5	2014	456	6.1
						2015	489	6.5

Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2015

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	778	489	460	318	171	34
Counties						
Adair	4	2	2	2	0	0
Andrew	1	0	1	0	0	0
Atchison	0	1	0	0	1	0
Audrain	2	1	1	1	0	0
Barry	1	1	0	1	0	0
Barton	0	0	0	0	0	0
Bates	1	0	1	0	0	0
Benton	2	1	1	1	0	0
Bollinger	2	0	2	0	0	0
Boone	13	12	4	9	3	1
Buchanan	13	6	8	5	1	0
Butler	5	4	3	2	2	0
Caldwell	0	0	0	0	0	0
Callaway	6	2	5	1	1	0
Camden	3	3	1	2	1	0
Cape Girardeau	6	5	3	3	2	1
Carroll	2	0	2	0	0	0
Carter	0	0	0	0	0	0
Cass	11	9	5	6	3	0
Cedar	2	3	0	2	1	0
Chariton	1	1	0	1	0	0
Christian	10	8	4	6	2	0
Clark	0	0	0	0	0	0
Clay	35	16	21	14	2	1
Clinton	2	0	2	0	0	0
Cole	11	4	7	4	0	1
Cooper	2	0	2	0	0	0
Crawford	6	2	4	2	0	0
Dade	2	1	1	1	0	0
Dallas	4	1	3	1	0	0
Davies	1	1	1	0	1	0
DeKalb	1	0	1	0	0	0
Dent	2	4	0	2	2	0
Douglas	3	2	1	2	0	0
Dunklin	4	4	2	2	2	0
Franklin	16	11	8	8	3	1
Gasconade	0	0	0	0	0	0
Gentry	1	1	0	1	0	0
Greene	52	33	27	25	8	1
Grundy	2	2	1	1	1	0
Harrison	1	0	1	0	0	0
Henry	3	4	0	3	1	1
Hickory	2	3	0	2	1	0
Holt	1	0	1	0	0	0
Howard	0	1	0	0	1	0
Howell	3	2	2	1	1	0
Iron	1	2	0	1	1	0
Jackson	101	54	63	38	16	6
Jasper	12	6	8	4	2	0
Jefferson	17	14	9	8	6	1
Johnson	6	3	4	2	1	0
Knox	1	0	1	0	0	0
Laclede	8	5	4	4	1	0
Lafayette	5	8	2	3	5	1
Lawrence	6	2	5	1	1	0
Lewis	1	1	1	0	1	0
Lincoln	8	5	5	3	2	0
Linn	2	1	1	1	0	0
Livingston	2	2	1	1	1	0
McDonald	2	1	1	1	0	0
Macon	4	4	1	3	1	0
Madison	0	0	0	0	0	0
Maries	0	0	0	0	0	0
Marion	3	3	1	2	1	1
Mercer	0	0	0	0	0	0
Miller	2	1	1	1	0	0
Mississippi	3	3	1	2	1	1
Moniteau	1	1	1	0	1	0
Monroe	0	1	0	0	1	0
Montgomery	1	1	0	1	0	0
Morgan	4	2	2	2	0	0
New Madrid	2	0	2	0	0	0
Newton	7	3	6	1	2	1
Nodaway	1	1	1	0	1	0

Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2015

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	2	1	2	0	1	0
Osage	0	0	0	0	0	0
Ozark	0	0	0	0	0	0
Pemiscot	6	10	2	4	6	0
Perry	2	0	2	0	0	0
Pettis	5	3	2	3	0	0
Phelps	6	8	3	3	5	0
Pike	3	0	3	0	0	0
Platte	5	6	3	2	4	0
Polk	3	3	2	1	2	0
Pulaski	8	3	5	3	0	0
Putnam	0	0	0	0	0	0
Ralls	0	0	0	0	0	0
Randolph	1	1	0	1	0	1
Ray	3	2	2	1	1	0
Reynolds	0	0	0	0	0	0
Ripley	0	0	0	0	0	0
St. Charles	44	26	25	19	7	2
St. Clair	0	0	0	0	0	0
St. Francois	6	4	5	1	3	2
Ste. Genevieve	0	0	0	0	0	0
St. Louis City	68	33	50	18	15	3
St. Louis County	124	86	68	56	30	4
Saline	2	1	1	1	0	0
Schuyler	0	0	0	0	0	0
Scotland	1	0	1	0	0	0
Scott	6	3	6	0	3	1
Shannon	1	0	1	0	0	0
Shelby	0	0	0	0	0	0
Stoddard	3	2	2	1	1	0
Stone	4	1	3	1	0	0
Sullivan	1	0	1	0	0	0
Taney	8	4	4	4	0	2
Texas	2	4	0	2	2	1
Vernon	3	2	2	1	1	0
Warren	3	3	2	1	2	0
Washington	6	0	6	0	0	0
Wayne	3	1	2	1	0	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Webster	4	4	2	2	2	0
Worth	0	1	0	0	1	0
Wright	6	2	4	2	0	0
Unknown	0	0	0	0	0	0
<u>Cities w/25k Pop.</u>						
Ballwin	4	1	3	1	0	0
Blue Springs	9	4	7	2	2	0
Cape Girardeau	5	2	3	2	0	1
Chesterfield	4	1	3	1	0	0
Columbia	9	9	2	7	2	1
Florissant	11	11	2	9	2	0
Gladstone	3	3	1	2	1	0
Hazelwood	4	3	3	1	2	0
Independence	25	13	14	11	2	1
Jefferson City	9	3	6	3	0	1
Kirkwood	4	2	3	1	1	0
Lee's Summit	8	5	5	3	2	1
Liberty	1	0	1	0	0	0
Maryland Heights	1	2	0	1	1	1
O'Fallon	7	4	4	3	1	0
Raytown	4	4	1	3	1	0
St. Charles	10	5	6	4	1	2
St. Joseph	12	6	7	5	1	0
St. Louis City	67	33	49	18	15	3
St. Peters	3	3	1	2	1	0
Springfield	35	21	19	16	5	1
University City	3	1	2	1	0	0
Wentzville	2	2	2	0	2	0
Wildwood	1	2	1	0	2	0
<u>Multi-County Cities</u>						
Joplin	5	2	4	1	1	0
...Jasper Co. Part	4	2	3	1	1	0
...Newton Co. Part	1	0	1	0	0	0
Kansas City	72	38	46	26	12	5
...Jackson Co. Part	49	26	32	17	9	4
...Clay Co. Part	22	10	13	9	1	1
...Platte Co. Part	1	2	1	0	2	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, 2015

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	498	304	303	195	109	19
Counties						
Adair	3	2	1	2	0	0
Andrew	1	0	1	0	0	0
Atchison	0	1	0	0	1	0
Audrain	2	1	1	1	0	0
Barry	1	1	0	1	0	0
Barton	0	0	0	0	0	0
Bates	1	0	1	0	0	0
Benton	2	1	1	1	0	0
Bollinger	2	0	2	0	0	0
Boone	8	8	3	5	3	0
Buchanan	11	5	7	4	1	0
Butler	4	3	2	2	1	0
Caldwell	0	0	0	0	0	0
Callaway	6	2	5	1	1	0
Camden	3	3	1	2	1	0
Cape Girardeau	2	2	1	1	1	0
Carroll	2	0	2	0	0	0
Carter	0	0	0	0	0	0
Cass	8	6	4	4	2	0
Cedar	2	3	0	2	1	0
Chariton	1	1	0	1	0	0
Christian	9	6	4	5	1	0
Clark	0	0	0	0	0	0
Clay	23	8	15	8	0	0
Clinton	2	0	2	0	0	0
Cole	7	4	3	4	0	1
Cooper	2	0	2	0	0	0
Crawford	6	2	4	2	0	0
Dade	2	1	1	1	0	0
Dallas	4	1	3	1	0	0
Davies	1	1	1	0	1	0
DeKalb	1	0	1	0	0	0
Dent	2	3	0	2	1	0
Douglas	3	2	1	2	0	0
Dunklin	2	2	1	1	1	0
Franklin	15	10	8	7	3	1

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Gasconade	0	0	0	0	0	0
Gentry	1	1	0	1	0	0
Greene	37	26	18	19	7	1
Grundy	2	2	1	1	1	0
Harrison	1	0	1	0	0	0
Henry	2	3	0	2	1	1
Hickory	2	3	0	2	1	0
Holt	1	0	1	0	0	0
Howard	0	0	0	0	0	0
Howell	3	2	2	1	1	0
Iron	0	1	0	0	1	0
Jackson	40	24	24	16	8	3
Jasper	11	6	7	4	2	0
Jefferson	17	14	9	8	6	1
Johnson	5	1	4	1	0	0
Knox	1	0	1	0	0	0
Laclede	8	5	4	4	1	0
Lafayette	4	8	1	3	5	1
Lawrence	3	0	3	0	0	0
Lewis	1	1	1	0	1	0
Lincoln	8	5	5	3	2	0
Linn	2	1	1	1	0	0
Livingston	2	2	1	1	1	0
McDonald	2	1	1	1	0	0
Macon	4	4	1	3	1	0
Madison	0	0	0	0	0	0
Maries	0	0	0	0	0	0
Marion	2	2	1	1	1	1
Mercer	0	0	0	0	0	0
Miller	2	1	1	1	0	0
Mississippi	2	2	1	1	1	1
Moniteau	1	1	1	0	1	0
Monroe	0	1	0	0	1	0
Montgomery	1	1	0	1	0	0
Morgan	4	2	2	2	0	0
New Madrid	1	0	1	0	0	0
Newton	7	2	6	1	1	0
Nodaway	1	1	1	0	1	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, 2015

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	2	1	2	0	1	0
Osage	0	0	0	0	0	0
Ozark	0	0	0	0	0	0
Pemiscot	1	2	1	0	2	0
Perry	2	0	2	0	0	0
Pettis	1	0	1	0	0	0
Phelps	6	8	3	3	5	0
Pike	3	0	3	0	0	0
Platte	5	5	3	2	3	0
Polk	3	3	2	1	2	0
Pulaski	4	1	3	1	0	0
Putnam	0	0	0	0	0	0
Ralls	0	0	0	0	0	0
Randolph	1	1	0	1	0	1
Ray	2	2	1	1	1	0
Reynolds	0	0	0	0	0	0
Ripley	0	0	0	0	0	0
St. Charles	34	19	21	13	6	0
St. Clair	0	0	0	0	0	0
St. Francois	6	4	5	1	3	2
Ste. Genevieve	0	0	0	0	0	0
St. Louis City	7	1	7	0	1	0
St. Louis County	63	32	42	21	11	2
Saline	0	0	0	0	0	0
Schuyler	0	0	0	0	0	0
Scotland	1	0	1	0	0	0
Scott	2	2	2	0	2	0
Shannon	1	0	1	0	0	0
Shelby	0	0	0	0	0	0
Stoddard	3	2	2	1	1	0
Stone	4	1	3	1	0	0
Sullivan	1	0	1	0	0	0
Taney	4	2	2	2	0	2
Texas	2	4	0	2	2	1
Vernon	3	2	2	1	1	0
Warren	3	2	2	1	1	0
Washington	5	0	5	0	0	0
Wayne	3	1	2	1	0	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Webster	4	4	2	2	2	0
Worth	0	1	0	0	1	0
Wright	6	2	4	2	0	0
Unknown	0	0	0	0	0	0
<u>Cities w/25k Pop.</u>						
Ballwin	4	1	3	1	0	0
Blue Springs	7	4	5	2	2	0
Cape Girardeau	1	0	1	0	0	0
Chesterfield	3	0	3	0	0	0
Columbia	5	6	1	4	2	0
Florissant	3	2	1	2	0	0
Gladstone	1	0	1	0	0	0
Hazelwood	1	0	1	0	0	0
Independence	16	8	9	7	1	1
Jefferson City	5	3	2	3	0	1
Kirkwood	3	2	2	1	1	0
Lee's Summit	3	3	2	1	2	0
Liberty	1	0	1	0	0	0
Maryland Heights	1	2	0	1	1	1
O'Fallon	6	4	3	3	1	0
Raytown	0	0	0	0	0	0
St. Charles	6	3	4	2	1	0
St. Joseph	10	5	6	4	1	0
St. Louis City	7	1	7	0	1	0
St. Peters	3	2	1	2	0	0
Springfield	25	16	13	12	4	1
University City	2	1	1	1	0	0
Wentzville	2	2	2	0	2	0
Wildwood	1	2	1	0	2	0
<u>Multi-County Cities</u>						
Joplin	5	2	4	1	1	0
...Jasper Co. Part	4	2	3	1	1	0
...Newton Co. Part	1	0	1	0	0	0
Kansas City	26	14	17	9	5	2
...Jackson Co. Part	11	7	7	4	3	2
...Clay Co. Part	14	5	9	5	0	0
...Platte Co. Part	1	2	1	0	2	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, 2015

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	198	134	110	88	46	12
Counties						
Adair	1	0	1	0	0	0
Andrew	0	0	0	0	0	0
Atchison	0	0	0	0	0	0
Audrain	0	0	0	0	0	0
Barry	0	0	0	0	0	0
Barton	0	0	0	0	0	0
Bates	0	0	0	0	0	0
Benton	0	0	0	0	0	0
Bollinger	0	0	0	0	0	0
Boone	5	4	1	4	0	1
Buchanan	1	0	1	0	0	0
Butler	1	1	1	0	1	0
Caldwell	0	0	0	0	0	0
Callaway	0	0	0	0	0	0
Camden	0	0	0	0	0	0
Cape Girardeau	3	1	2	1	0	1
Carroll	0	0	0	0	0	0
Carter	0	0	0	0	0	0
Cass	2	3	0	2	1	0
Cedar	0	0	0	0	0	0
Chariton	0	0	0	0	0	0
Christian	0	1	0	0	1	0
Clark	0	0	0	0	0	0
Clay	5	2	3	2	0	1
Clinton	0	0	0	0	0	0
Cole	0	0	0	0	0	0
Cooper	0	0	0	0	0	0
Crawford	0	0	0	0	0	0
Dade	0	0	0	0	0	0
Dallas	0	0	0	0	0	0
Daviess	0	0	0	0	0	0
DeKalb	0	0	0	0	0	0
Dent	0	0	0	0	0	0
Douglas	0	0	0	0	0	0
Dunklin	2	1	1	1	1	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	8	6	3	5	1	0
Grundy	0	0	0	0	0	0
Harrison	0	0	0	0	0	0
Henry	0	0	0	0	0	0
Hickory	0	0	0	0	0	0
Holt	0	0	0	0	0	0
Howard	0	0	0	0	0	0
Howell	0	0	0	0	0	0
Iron	0	0	0	0	0	0
Jackson	45	23	28	17	6	3
Jasper	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0
Johnson	0	0	0	0	0	0
Knox	0	0	0	0	0	0
Laclede	0	0	0	0	0	0
Lafayette	1	0	1	0	0	0
Lawrence	0	0	0	0	0	0
Lewis	0	0	0	0	0	0
Lincoln	0	0	0	0	0	0
Linn	0	0	0	0	0	0
Livingston	0	0	0	0	0	0
McDonald	0	0	0	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	1	1	0	1	0	0
Mercer	0	0	0	0	0	0
Miller	0	0	0	0	0	0
Mississippi	1	1	0	1	0	0
Moniteau	0	0	0	0	0	0
Monroe	0	0	0	0	0	0
Montgomery	0	0	0	0	0	0
Morgan	0	0	0	0	0	0
New Madrid	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, 2015

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	0	0	0	0	0	0
Osage	0	0	0	0	0	0
Ozark	0	0	0	0	0	0
Pemiscot	3	6	0	3	3	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	4	4	0	4	0	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	56	30	39	17	13	3
St. Louis County	52	47	23	29	18	2
Saline	1	0	1	0	0	0
Schuyler	0	0	0	0	0	0
Scotland	0	0	0	0	0	0
Scott	3	1	3	0	1	1
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	1	0	0	1	0
Washington	0	0	0	0	0	0
Wayne	0	0	0	0	0	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Webster	0	0	0	0	0	0
Worth	0	0	0	0	0	0
Wright	0	0	0	0	0	0
Unknown	0	0	0	0	0	0
<u>Cities w/25k Pop.</u>						
Ballwin	0	0	0	0	0	0
Blue Springs	0	0	0	0	0	0
Cape Girardeau	3	1	2	1	0	1
Chesterfield	0	0	0	0	0	0
Columbia	4	3	1	3	0	1
Florissant	8	9	1	7	2	0
Gladstone	1	1	0	1	0	0
Hazelwood	3	3	2	1	2	0
Independence	8	3	5	3	0	0
Jefferson City	0	0	0	0	0	0
Kirkwood	1	0	1	0	0	0
Lee's Summit	3	1	2	1	0	1
Liberty	0	0	0	0	0	0
Maryland Heights	0	0	0	0	0	0
O'Fallon	0	0	0	0	0	0
Raytown	2	3	0	2	1	0
St. Charles	2	2	0	2	0	0
St. Joseph	1	0	1	0	0	0
St. Louis City	55	30	38	17	13	3
St. Peters	0	0	0	0	0	0
Springfield	6	5	2	4	1	0
University City	1	0	1	0	0	0
Wentzville	0	0	0	0	0	0
Wildwood	0	0	0	0	0	0
<u>Multi-County Cities</u>						
Joplin	0	0	0	0	0	0
...Newton Co. Part	0	0	0	0	0	0
...Jasper Co. Part	0	0	0	0	0	0
Kansas City	33	17	21	12	5	3
...Jackson Co. Part	31	16	20	11	5	2
...Clay Co. Part	2	1	1	1	0	1
...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, 2015

	<u>Number</u>					<u>Rates</u>				
	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths
BRFSS Regions										
Northeast	28	19	15	13	6	9.2	6.3*	4.9*	4.3*	2.0*
Northwest	28	14	20	8	6	9.5	4.8*	6.8	2.7*	2.0*
Central	80	51	44	36	15	9.1	5.8	5.0	4.1	1.7*
Southeast	66	49	42	24	25	9.8	7.3	6.3	3.6	3.7
Southwest	127	81	69	58	23	11.0	7.0	6.0	5.0	2.0
St. Louis Metro	286	180	171	115	65	11.0	6.9	6.6	4.4	2.5
Kansas City Metro	163	95	99	64	31	10.3	6.0	6.2	4.0	2.0
Metro	596	363	356	240	123	10.5	6.4	6.3	4.2	2.2
Non-Metro	182	126	104	78	48	10.0	6.9	5.7	4.3	2.6
State Total	778	489	460	318	171	10.4	6.5	6.1	4.2	2.3

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

Table 22E. White Non-Hispanic and Black Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, and Post-Neonatal Deaths by Resident BRFSS Region: Missouri, 2015

	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	24	17	13	11	6	2	3	1	2	1	0	0
Northwest	25	11	19	6	5	0	1	0	1	0	0	0
Central	62	40	35	27	13	1	7	5	2	5	0	1
Southeast	47	32	32	15	17	4	14	11	8	6	5	2
Southwest	102	66	55	47	19	4	8	7	3	5	2	0
St. Louis Metro	153	85	98	55	30	4	112	82	62	50	32	5
Kansas City Metro	85	53	51	34	19	4	53	28	32	21	7	4
Metro	352	207	216	136	71	10	182	122	101	81	41	11
Non-Metro	146	97	87	59	38	9	16	12	9	7	5	1
State Total	498	304	303	195	109	19	198	134	110	88	46	12

Table 23. Resident Infant Deaths and Rates per 1,000 Live Births by Cause of Death by Race and by Age at Death: Missouri, 2015

	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>	White	304	5.4	195	109	40	83	40	30	49	36	24
	Black	134	12.7	88	46	18	45	14	11	16	17	13
	Total	489	6.5	318	171	65	145	62	44	68	63	40
<u>Infectious Diseases (A00-B99, P35-P39)</u>	White	12	0.2	3	9	1	1	1	0	5	1	3
	Black	4	0.4	2	2	0	1	1	0	2	0	0
	Total	17	0.2	6	11	1	2	2	1	7	1	3
<u>Nervous System Diseases (G00-G98)</u>	White	4	0.1	0	4	0	0	0	0	2	0	2
	Black	2	0.2	0	2	0	0	0	0	1	0	1
	Total	6	0.1	0	6	0	0	0	0	3	0	3
<u>Circulatory System Diseases (I00-I99)</u>	White	7	0.1	1	6	0	0	0	1	2	0	4
	Black	2	0.2	0	2	0	0	0	0	0	1	1
	Total	10	0.1	1	9	0	0	0	1	2	1	6
<u>Respiratory System Diseases (J00-J99)</u>	White	11	0.2	2	9	1	0	1	0	4	3	2
	Black	6	0.6	0	6	0	0	0	0	2	2	2
	Total	18	0.2	2	16	1	0	1	0	6	6	4
<u>Perinatal Conditions (P00-P34, P39-P96)</u>	White	132	2.4	127	5	28	61	24	12	4	0	1
	Black	71	6.7	69	2	15	37	11	6	0	2	0
	Total	223	3.0	216	7	48	109	38	19	4	2	1
<u>Congenital Anomalies (Q00-Q99)</u>	White	70	1.3	52	18	10	20	12	10	10	5	3
	Black	24	2.3	15	9	3	7	1	4	2	4	3
	Total	109	1.5	79	30	15	33	16	15	12	11	7
<u>Sudden Infant Death Syndrome (R95)</u>	White	15	0.3	3	12	0	1	0	2	3	8	1
	Black	1	0.1	0	1	0	0	0	0	0	1	0
	Total	17	0.2	3	14	0	1	0	2	4	9	1
<u>Unintentional Injuries (V01-X59)</u>	White	32	0.6	1	31	0	0	0	1	16	9	6
	Black	17	1.6	1	16	0	0	0	1	5	5	6
	Total	57	0.8	3	54	0	0	1	2	22	20	12
<u>Homicide (X85-Y09)</u>	White	5	0.1	0	5	0	0	0	0	1	3	1
	Black	1	0.1	0	1	0	0	0	0	1	0	0
	Total	7	0.1	0	7	0	0	0	0	2	3	2
<u>All Other Causes</u>	White	16	0.3	6	10	0	0	2	4	2	7	1
	Black	6	0.6	1	5	0	0	1	0	3	2	0
	Total	25	0.3	8	17	0	0	4	4	6	10	1

Table 24. Resident Infant Deaths and Rates per 1,000 Live Births by Age of Mother by Birth Order: Missouri, 2015

	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	508	142	221	86	59	6.8	6.2	6.4	6.9	11.6
Under 18	17	14	3	0	0	13.6*	12.6*	22.2*	0.0*	0
18-19	34	23	9	2	0	9.4	8.8	9.4*	38.5*	0.0*
20-24	140	48	75	13	4	7.6	6.3	8.5	7.5*	13.2*
25-29	150	34	70	28	18	6.4	5.1	6.3	6.7	14.3*
30-34	105	16	43	28	18	5.4	4.1*	4.5	6.8	10.1*
35-39	48	7	15	13	13	6.3	7.1*	4.6*	6.3*	10.0*
40 and Over	14	0	6	2	6	10.2*	0.0*	13.3*	5.5*	13.9*

Table 25. Resident Infant Deaths and Rates per 1,000 Live Births by Birth Weight by Race of Mother: Missouri, 2015

	Mother's Race			Rates		
	All Races	White	Black	All Races	White	Black
	All Weights	508	321	135	6.8	5.7
Under 500 Grams	114	58	46	919.4	892.3	938.8
500-999 Grams	94	56	27	223.3	238.3	195.7
1,000-1,499 Grams	33	20	10	55.3	52.4	62.5*
1,500-1,999 Grams	31	23	5	24.4	27.8	15.5*
2,000-2,499 Grams	43	27	13	11.1	10.7	14.5*
2,500-2,999 Grams	65	43	19	4.9	4.9	6.8*
3,000-3,499 Grams	69	51	8	2.4	2.4	2.0*
3,500-3,999 Grams	32	27	1	1.5	1.6	0.5*
4,000 or More Grams	14	8	3	2.2*	1.5*	7.2*

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, 2015**

	Total Crude Rate	Total Age-Adjusted Rate	All Races	White, Non-Hisp.	Black, Non-Hisp.	Hispanic, Any Race	Other Races
All causes	983.1	816.1	59,810	52,471	6,094	534	674
Enterocolitis due to Clostridium difficile	3.6	3.0	219	203	10	1	4
Septicemia	14.1	11.6	859	751	94	5	9
HIV / AIDS	0.8	0.7	51	27	22	1	0
Malignant neoplasms	212.7	173.0	12,938	11,392	1,290	98	153
...Colon, rectum, and anus	18.5	15.1	1,123	980	117	11	15
...Pancreas	13.9	11.2	846	717	110	8	11
...Trachea, bronchus, and lung	63.5	51.1	3,864	3,429	374	21	38
...Breast	14.3	11.8	871	742	106	4	18
...Cervix uteri, corpus uteri, and ovary	8.5	7.1	516	440	63	6	7
...Prostate	9.0	7.2	550	457	86	4	3
...Urinary tract	11.7	9.4	709	639	54	7	9
...Non-Hodgkin's lymphoma	6.4	5.3	391	363	24	2	2
...Leukemia	7.9	6.6	479	435	34	8	1
...Other malignant neoplasms	59.0	48.2	3,589	3,190	322	27	49
Diabetes mellitus	24.1	19.6	1,464	1,200	212	29	22
Alzheimer's disease	35.7	28.6	2,169	2,005	126	17	21
Parkinson's disease	9.1	7.6	556	526	19	3	8
Diseases of heart	242.9	197.5	14,778	13,152	1,387	99	128
Essential hypertension	8.4	6.7	511	400	99	5	7
Cerebrovascular diseases	49.7	40.6	3,021	2,605	357	20	38
Influenza and pneumonia	21.9	17.8	1,333	1,240	74	7	12
Chronic lower respiratory disease	64.6	52.7	3,928	3,693	188	17	27
Pneumonitis due to solids and liquids	9.1	7.3	553	497	46	5	5
Chronic liver disease and cirrhosis	11.1	9.5	674	595	54	16	8
Nephritis and nephrosis	24.3	19.9	1,480	1,237	217	12	12
Conditions orig. in perinatal period	3.8	4.3	232	136	75	9	12
Congenital anomalies	3.2	3.3	193	139	33	7	13
Symptoms and ill-defined conditions	9.9	8.6	600	522	63	7	8
All other diseases	152.3	125.0	9,268	8,099	974	93	94
Unintentional injuries	53.4	50.0	3,249	2,799	342	49	58
...Motor vehicle crashes	14.7	14.2	894	755	103	13	23
...Falls	12.2	10.0	743	698	34	5	6
...Accidental poisoning	15.2	15.6	924	766	128	13	17
...Other unintentional injuries	11.3	10.2	688	580	77	18	12
Suicide	17.1	16.9	1,043	950	46	20	27
Homicide	8.9	9.4	539	170	349	12	8
All other external causes	2.5	2.3	152	133	17	2	0

Table 26B. Resident Deaths by Selected Causes of Death by BRFS Region and Metro/Non-Metro Area: Missouri, 2015

	BRFS Region									
	Central	Kansas City	Northeast	Northwest	St. Louis	Southeast	Southwest	Metro	Non-Metro	
All causes	6,627	10,875	2,987	2,450	19,762	7,123	9,985	41,528	18,281	
Enterocolitis due to Clostridium difficile	28	31	8	6	64	23	59	153	66	
Septicemia	120	139	55	23	302	78	142	592	267	
HIV / AIDS	7	12	1	1	20	2	8	42	9	
Malignant neoplasms	1,379	2,416	623	550	4,362	1,560	2,048	9,059	3,879	
...Colon, rectum, and anus	111	206	61	50	361	157	177	751	372	
...Pancreas	84	160	42	26	319	81	134	624	222	
...Trachea, bronchus, and lung	442	679	178	169	1,272	530	594	2,587	1,277	
...Breast	106	163	38	35	290	98	141	628	243	
...Cervix uteri, corpus uteri, and ovary	44	108	20	26	183	64	71	378	138	
...Prostate	46	102	22	27	192	65	96	415	135	
...Urinary tract	73	140	37	28	230	92	109	505	204	
...Non-Hodgkin's lymphoma	42	65	19	24	140	41	60	270	121	
...Leukemia	54	97	25	23	160	46	74	345	134	
...Other malignant neoplasms	377	696	181	142	1,215	386	592	2,556	1,033	
Diabetes mellitus	180	264	90	104	432	168	226	972	492	
Alzheimer's disease	203	359	104	89	715	324	375	1,504	665	
Parkinson's disease	70	97	22	18	187	63	99	410	146	
Diseases of heart	1,741	2,439	761	602	4,852	1,805	2,578	9,904	4,874	
Essential hypertension	93	92	30	15	179	48	54	358	153	
Cerebrovascular diseases	315	515	161	124	1,052	365	489	2,122	899	
Influenza and pneumonia	149	213	100	52	412	170	237	862	471	
Chronic lower respiratory disease	472	787	200	200	958	576	735	2,555	1,373	
Pneumonitis due to solids and liquids	42	107	17	40	212	51	84	409	144	
Chronic liver disease and cirrhosis	73	110	21	25	223	90	132	460	214	
Nephritis and nephrosis	143	297	92	44	464	221	219	1,020	460	
Conditions orig. in perinatal period	26	46	9	5	89	19	38	181	51	
Congenital anomalies	25	31	7	8	61	18	43	135	58	
Symptoms and ill-defined conditions	78	79	67	25	144	94	112	344	255	
All other diseases	990	1,873	428	364	3,176	935	1,502	6,750	2,518	
Unintentional injuries	344	594	134	96	1,209	347	525	2,359	890	
...Motor vehicle crashes	141	148	38	34	236	123	174	571	323	
...Falls	26	156	28	21	398	44	70	624	119	
...Accidental poisoning	86	183	26	8	408	78	135	742	182	
...Other unintentional injuries	91	107	42	33	167	102	146	422	266	
Suicide	101	220	42	45	318	106	211	761	282	
Homicide	26	134	6	11	288	37	37	471	68	
All other external causes	22	20	9	3	43	23	32	105	47	

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Adair	Andrew	Atchison	Audrain	Barry	Barton	Bates
All causes	212	162	81	298	426	159	208
Enterocolitis due to Clostridium difficile	0	2	0	3	1	0	0
Septicemia	3	3	1	6	8	3	2
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	48	44	14	65	81	32	51
...Colon, rectum, and anus	5	4	1	5	6	4	5
...Pancreas	3	5	0	1	6	4	5
...Trachea, bronchus, and lung	9	13	5	27	25	6	16
...Breast	3	5	0	3	4	2	1
...Cervix uteri, corpus uteri, and ovary	4	4	1	2	3	1	3
...Prostate	1	0	1	3	5	2	3
...Urinary tract	0	3	1	5	4	1	1
...Non-Hodgkin's lymphoma	4	2	2	1	1	2	1
...Leukemia	1	0	0	1	0	2	3
...Other malignant neoplasms	18	8	3	17	27	8	13
Diabetes mellitus	7	7	7	5	9	8	6
Alzheimer's disease	7	8	3	3	19	10	9
Parkinson's disease	2	1	1	5	1	2	1
Diseases of heart	42	38	11	77	138	37	46
Essential hypertension	1	0	2	3	2	0	1
Cerebrovascular diseases	10	12	2	11	19	11	14
Influenza and pneumonia	9	4	3	2	7	9	6
Chronic lower respiratory disease	13	7	12	31	29	12	24
Pneumonitis due to solids and liquids	0	1	0	4	4	0	1
Chronic liver disease and cirrhosis	2	1	0	2	6	2	3
Nephritis and nephrosis	8	5	2	5	9	2	7
Conditions orig. in perinatal period	2	0	0	1	1	0	0
Congenital anomalies	0	0	1	0	1	1	0
Symptoms and ill-defined conditions	2	1	0	3	3	4	3
All other diseases	40	20	17	56	56	18	19
Unintentional injuries	10	7	5	11	22	7	12
...Motor vehicle crashes	2	4	3	3	8	2	7
...Falls	3	1	0	0	2	1	3
...Accidental poisoning	2	2	1	1	6	0	1
...Other unintentional injuries	3	0	1	7	6	4	1
Suicide	3	1	0	3	7	1	2
Homicide	0	0	0	2	3	0	1
All other external causes	3	0	0	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Benton	Bollinger	Boone	Buchanan	Butler	Caldwell	Callaway
All causes	306	130	1,050	948	628	94	397
Enterocolitis due to Clostridium difficile	1	0	8	3	4	0	1
Septicemia	5	1	18	10	6	1	7
HIV / AIDS	1	0	0	1	0	0	0
Malignant neoplasms	86	29	226	210	138	19	82
...Colon, rectum, and anus	10	2	26	13	14	1	7
...Pancreas	5	1	18	7	9	0	8
...Trachea, bronchus, and lung	33	10	62	67	61	7	23
...Breast	4	2	16	15	10	1	3
...Cervix uteri, corpus uteri, and ovary	4	1	6	11	0	1	4
...Prostate	3	1	15	8	4	1	3
...Urinary tract	6	3	16	17	7	0	0
...Non-Hodgkin's lymphoma	1	0	5	9	6	0	2
...Leukemia	1	1	9	8	7	0	6
...Other malignant neoplasms	19	8	53	55	20	8	26
Diabetes mellitus	7	0	26	53	21	5	11
Alzheimer's disease	6	4	30	34	31	3	8
Parkinson's disease	2	1	15	6	2	1	4
Diseases of heart	77	32	243	185	165	22	100
Essential hypertension	4	1	17	7	3	0	3
Cerebrovascular diseases	8	11	58	54	26	8	16
Influenza and pneumonia	6	4	20	18	26	0	14
Chronic lower respiratory disease	30	15	54	96	47	10	27
Pneumonitis due to solids and liquids	3	1	8	8	2	0	3
Chronic liver disease and cirrhosis	4	2	10	11	16	1	4
Nephritis and nephrosis	7	2	20	20	24	4	3
Conditions orig. in perinatal period	1	0	8	3	2	0	1
Congenital anomalies	0	0	6	4	2	0	1
Symptoms and ill-defined conditions	2	3	13	10	6	1	9
All other diseases	36	14	189	152	73	14	61
Unintentional injuries	14	7	57	28	23	4	33
...Motor vehicle crashes	5	3	14	6	6	0	18
...Falls	1	0	9	9	3	3	1
...Accidental poisoning	2	1	20	3	6	0	7
...Other unintentional injuries	6	3	14	10	8	1	7
Suicide	5	1	17	23	7	1	7
Homicide	1	2	4	11	3	0	0
All other external causes	0	0	3	1	1	0	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Camden	Cape Girardeau	Carroll	Carter	Cass	Cedar	Chariton
All causes	492	774	107	83	883	225	98
Enterocolitis due to Clostridium difficile	3	0	0	0	4	3	0
Septicemia	8	3	1	1	15	0	1
HIV / AIDS	1	1	0	0	0	0	0
Malignant neoplasms	129	159	20	20	202	41	25
...Colon, rectum, and anus	7	12	5	2	16	5	2
...Pancreas	7	6	2	1	7	3	4
...Trachea, bronchus, and lung	49	42	5	5	58	10	8
...Breast	9	16	1	0	17	3	4
...Cervix uteri, corpus uteri, and ovary	3	9	0	0	17	2	1
...Prostate	4	15	1	0	6	2	2
...Urinary tract	5	10	1	4	10	1	0
...Non-Hodgkin's lymphoma	4	1	0	1	3	2	0
...Leukemia	3	5	1	0	4	1	0
...Other malignant neoplasms	38	43	4	7	64	12	4
Diabetes mellitus	11	14	3	1	22	3	2
Alzheimer's disease	5	60	4	1	20	0	4
Parkinson's disease	2	14	1	0	8	5	0
Diseases of heart	122	181	30	16	182	59	26
Essential hypertension	3	1	0	0	7	0	2
Cerebrovascular diseases	25	32	6	6	47	11	6
Influenza and pneumonia	9	14	6	5	16	10	3
Chronic lower respiratory disease	42	54	6	9	61	16	8
Pneumonitis due to solids and liquids	1	3	2	0	7	3	0
Chronic liver disease and cirrhosis	5	8	0	0	9	2	0
Nephritis and nephrosis	8	35	2	3	28	4	3
Conditions orig. in perinatal period	2	2	0	0	7	1	1
Congenital anomalies	1	2	1	0	1	2	0
Symptoms and ill-defined conditions	1	16	1	2	8	4	4
All other diseases	68	132	14	12	179	49	9
Unintentional injuries	29	24	7	4	37	6	3
...Motor vehicle crashes	12	11	3	3	7	4	2
...Falls	1	3	2	0	8	0	1
...Accidental poisoning	8	3	0	1	14	0	0
...Other unintentional injuries	8	7	2	0	8	2	0
Suicide	11	12	3	1	20	6	1
Homicide	3	2	0	2	3	0	0
All other external causes	3	5	0	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Christian	Clark	Clay	Clinton	Cole	Cooper	Crawford
All causes	676	90	1,811	254	645	190	287
Enterocolitis due to Clostridium difficile	3	0	4	2	0	0	1
Septicemia	9	2	11	4	12	4	5
HIV / AIDS	0	0	2	0	1	1	0
Malignant neoplasms	156	21	423	59	146	39	59
...Colon, rectum, and anus	8	2	37	6	11	3	5
...Pancreas	7	1	27	2	11	3	4
...Trachea, bronchus, and lung	48	9	118	19	40	14	22
...Breast	10	1	36	4	13	2	7
...Cervix uteri, corpus uteri, and ovary	7	0	14	2	7	0	2
...Prostate	8	1	19	4	4	1	1
...Urinary tract	7	3	18	2	13	2	3
...Non-Hodgkin's lymphoma	4	0	11	2	3	5	1
...Leukemia	8	0	23	2	3	2	0
...Other malignant neoplasms	49	4	120	16	41	7	14
Diabetes mellitus	11	1	35	9	10	7	6
Alzheimer's disease	36	3	78	13	31	7	3
Parkinson's disease	11	0	23	4	6	0	2
Diseases of heart	155	26	372	52	173	62	91
Essential hypertension	5	0	13	0	4	1	2
Cerebrovascular diseases	52	0	89	15	26	6	11
Influenza and pneumonia	11	4	42	7	14	6	5
Chronic lower respiratory disease	47	7	148	23	46	11	25
Pneumonitis due to solids and liquids	4	0	18	5	4	1	1
Chronic liver disease and cirrhosis	8	2	21	1	3	3	8
Nephritis and nephrosis	15	3	38	4	13	2	8
Conditions orig. in perinatal period	5	0	8	0	4	0	1
Congenital anomalies	3	0	7	0	1	1	1
Symptoms and ill-defined conditions	3	6	12	2	9	1	3
All other diseases	92	8	296	41	105	34	31
Unintentional injuries	29	5	107	7	21	2	16
...Motor vehicle crashes	12	2	27	0	7	1	1
...Falls	3	1	30	0	1	0	2
...Accidental poisoning	5	2	33	6	9	0	10
...Other unintentional injuries	9	0	17	1	4	1	3
Suicide	12	1	56	4	9	1	7
Homicide	5	0	6	1	4	0	1
All other external causes	4	1	2	1	3	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Dade	Dallas	Davies	DeKalb	Dent	Douglas	Dunklin
All causes	104	201	102	114	195	179	425
Enterocolitis due to Clostridium difficile	0	1	0	0	2	1	0
Septicemia	2	4	1	0	4	2	5
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	23	42	28	25	50	44	107
...Colon, rectum, and anus	2	2	3	4	3	6	13
...Pancreas	1	1	1	2	4	1	4
...Trachea, bronchus, and lung	8	12	11	8	25	10	41
...Breast	1	2	3	1	0	3	3
...Cervix uteri, corpus uteri, and ovary	0	0	0	1	1	2	4
...Prostate	0	1	3	1	0	1	4
...Urinary tract	0	4	0	0	4	1	8
...Non-Hodgkin's lymphoma	0	0	1	0	1	1	1
...Leukemia	1	0	0	0	0	2	5
...Other malignant neoplasms	10	20	6	8	12	17	24
Diabetes mellitus	5	13	3	2	4	10	3
Alzheimer's disease	4	3	3	2	7	14	18
Parkinson's disease	1	1	1	2	1	1	0
Diseases of heart	26	49	25	27	49	33	108
Essential hypertension	2	2	0	0	1	4	5
Cerebrovascular diseases	3	8	6	7	9	9	25
Influenza and pneumonia	3	6	3	3	3	3	14
Chronic lower respiratory disease	3	17	9	4	11	11	32
Pneumonitis due to solids and liquids	0	1	0	1	2	0	7
Chronic liver disease and cirrhosis	3	4	1	0	0	3	12
Nephritis and nephrosis	1	1	1	3	4	4	9
Conditions orig. in perinatal period	0	0	0	0	2	2	1
Congenital anomalies	1	1	1	0	0	0	0
Symptoms and ill-defined conditions	3	3	0	4	2	2	4
All other diseases	22	38	12	18	27	26	49
Unintentional injuries	1	5	6	11	12	4	19
...Motor vehicle crashes	0	3	3	3	5	0	7
...Falls	0	0	0	3	1	0	2
...Accidental poisoning	0	0	0	0	1	0	7
...Other unintentional injuries	1	2	3	5	5	4	3
Suicide	1	2	2	4	2	5	4
Homicide	0	0	0	0	1	1	2
All other external causes	0	0	0	1	2	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Franklin	Gasconade	Gentry	Greene	Grundy	Harrison	Henry
All causes	1,021	215	75	2,859	155	115	335
Enterocolitis due to Clostridium difficile	4	0	1	25	2	0	1
Septicemia	13	4	0	31	4	0	4
HIV / AIDS	0	1	0	1	1	0	1
Malignant neoplasms	240	33	15	578	32	25	64
...Colon, rectum, and anus	22	4	2	58	4	1	4
...Pancreas	16	1	2	41	5	0	4
...Trachea, bronchus, and lung	71	9	2	146	4	9	23
...Breast	13	3	1	49	2	0	1
...Cervix uteri, corpus uteri, and ovary	6	3	0	17	2	1	4
...Prostate	10	1	0	32	3	2	3
...Urinary tract	11	2	0	26	2	1	7
...Non-Hodgkin's lymphoma	12	1	0	27	1	1	3
...Leukemia	9	3	0	18	1	2	1
...Other malignant neoplasms	70	6	8	164	8	8	14
Diabetes mellitus	23	4	3	57	3	3	7
Alzheimer's disease	38	13	4	135	11	10	10
Parkinson's disease	4	3	2	29	2	1	1
Diseases of heart	249	52	23	633	32	33	107
Essential hypertension	6	0	0	19	3	2	1
Cerebrovascular diseases	48	14	1	138	8	5	18
Influenza and pneumonia	19	7	3	55	8	0	8
Chronic lower respiratory disease	61	11	7	212	4	9	16
Pneumonitis due to solids and liquids	7	2	0	34	0	0	1
Chronic liver disease and cirrhosis	11	2	1	41	1	2	4
Nephritis and nephrosis	22	6	0	65	6	1	3
Conditions orig. in perinatal period	8	0	0	20	0	0	2
Congenital anomalies	2	1	0	14	1	0	1
Symptoms and ill-defined conditions	3	2	0	23	5	1	4
All other diseases	146	37	12	480	15	17	58
Unintentional injuries	81	19	3	176	16	4	18
...Motor vehicle crashes	23	6	0	39	2	1	6
...Falls	27	2	1	28	2	2	2
...Accidental poisoning	23	6	0	80	3	0	2
...Other unintentional injuries	8	5	2	29	9	1	8
Suicide	26	3	0	73	1	2	4
Homicide	4	1	0	10	0	0	1
All other external causes	6	0	0	10	0	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Hickory	Holt	Howard	Howell	Iron	Jackson	Jasper
All causes	158	67	94	535	162	6,320	1,108
Enterocolitis due to Clostridium difficile	1	0	0	3	2	17	4
Septicemia	0	0	7	8	3	89	21
HIV / AIDS	0	0	0	0	0	10	2
Malignant neoplasms	32	19	13	127	27	1,370	237
...Colon, rectum, and anus	2	2	0	19	6	118	20
...Pancreas	1	0	0	4	1	97	27
...Trachea, bronchus, and lung	10	5	1	42	8	380	72
...Breast	1	1	2	10	2	90	17
...Cervix uteri, corpus uteri, and ovary	1	0	0	2	1	59	5
...Prostate	0	1	1	7	0	59	8
...Urinary tract	2	0	1	9	1	85	12
...Non-Hodgkin's lymphoma	2	2	0	3	1	43	4
...Leukemia	3	4	1	3	1	51	7
...Other malignant neoplasms	10	4	7	28	6	388	65
Diabetes mellitus	7	2	1	13	2	157	18
Alzheimer's disease	4	4	2	26	2	183	23
Parkinson's disease	4	0	2	7	1	48	9
Diseases of heart	33	15	29	118	47	1,443	323
Essential hypertension	1	0	2	3	3	61	5
Cerebrovascular diseases	5	3	4	29	9	291	53
Influenza and pneumonia	1	2	4	14	3	114	33
Chronic lower respiratory disease	14	5	8	33	21	418	81
Pneumonitis due to solids and liquids	0	0	0	4	0	57	6
Chronic liver disease and cirrhosis	2	2	0	4	3	64	18
Nephritis and nephrosis	3	1	3	8	5	190	35
Conditions orig. in perinatal period	2	0	0	1	1	28	2
Congenital anomalies	0	0	0	1	2	16	3
Symptoms and ill-defined conditions	4	1	1	3	0	45	8
All other diseases	29	9	13	104	17	1,110	142
Unintentional injuries	13	4	4	18	11	358	54
...Motor vehicle crashes	5	2	2	5	5	93	18
...Falls	1	1	0	4	3	88	6
...Accidental poisoning	3	0	0	3	1	115	6
...Other unintentional injuries	4	1	2	6	2	62	24
Suicide	2	0	1	11	2	119	25
Homicide	1	0	0	0	0	119	6
All other external causes	0	0	0	0	1	13	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Jefferson	Johnson	Knox	Laclede	Lafayette	Lawrence	Lewis
All causes	1,980	448	47	412	399	442	129
Enterocolitis due to Clostridium difficile	7	0	0	4	1	2	1
Septicemia	41	6	1	8	9	6	4
HIV / AIDS	2	0	0	0	0	1	0
Malignant neoplasms	467	91	9	81	72	82	17
...Colon, rectum, and anus	37	9	0	6	7	11	2
...Pancreas	24	5	1	5	4	6	0
...Trachea, bronchus, and lung	176	27	3	23	19	24	7
...Breast	35	4	0	9	3	7	2
...Cervix uteri, corpus uteri, and ovary	9	6	0	1	4	4	0
...Prostate	12	4	0	4	3	1	1
...Urinary tract	20	4	2	5	8	6	1
...Non-Hodgkin's lymphoma	15	6	0	3	1	0	1
...Leukemia	9	3	0	3	3	3	0
...Other malignant neoplasms	130	23	3	22	20	20	3
Diabetes mellitus	45	15	1	17	10	18	0
Alzheimer's disease	57	5	1	18	9	34	4
Parkinson's disease	16	3	1	3	3	2	1
Diseases of heart	458	150	10	93	119	116	47
Essential hypertension	12	4	1	5	5	0	0
Cerebrovascular diseases	95	17	3	28	18	13	12
Influenza and pneumonia	38	7	3	9	7	7	8
Chronic lower respiratory disease	149	31	3	49	34	29	3
Pneumonitis due to solids and liquids	26	27	0	2	5	5	0
Chronic liver disease and cirrhosis	27	5	0	3	0	5	0
Nephritis and nephrosis	41	7	2	7	6	6	1
Conditions orig. in perinatal period	6	2	0	1	2	0	0
Congenital anomalies	1	0	0	2	2	3	0
Symptoms and ill-defined conditions	14	2	1	10	0	8	8
All other diseases	268	55	7	50	74	70	18
Unintentional injuries	153	13	2	13	20	26	5
...Motor vehicle crashes	34	6	1	4	4	10	4
...Falls	40	1	1	2	7	1	0
...Accidental poisoning	60	2	0	5	3	9	1
...Other unintentional injuries	19	4	0	2	6	6	0
Suicide	46	7	2	7	1	8	0
Homicide	9	0	0	2	1	1	0
All other external causes	2	1	0	0	1	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Lincoln	Linn	Livingston	McDonald	Macon	Madison	Maries
All causes	504	185	197	236	203	175	101
Enterocolitis due to Clostridium difficile	1	1	1	0	0	0	0
Septicemia	10	0	2	3	4	2	1
HIV / AIDS	0	0	0	1	0	0	0
Malignant neoplasms	119	31	41	60	42	39	19
...Colon, rectum, and anus	9	3	3	4	3	1	2
...Pancreas	8	0	3	1	0	1	1
...Trachea, bronchus, and lung	40	9	10	20	15	13	5
...Breast	8	1	3	1	2	2	0
...Cervix uteri, corpus uteri, and ovary	6	0	1	5	1	2	2
...Prostate	1	2	1	5	1	2	0
...Urinary tract	6	1	2	3	3	1	1
...Non-Hodgkin's lymphoma	5	1	3	1	0	1	0
...Leukemia	2	2	3	3	3	1	0
...Other malignant neoplasms	34	12	12	17	14	15	8
Diabetes mellitus	8	6	3	6	1	5	1
Alzheimer's disease	23	3	10	1	8	8	1
Parkinson's disease	7	1	1	0	3	4	2
Diseases of heart	118	61	43	59	50	44	31
Essential hypertension	6	0	0	3	0	5	2
Cerebrovascular diseases	12	9	16	5	11	7	4
Influenza and pneumonia	9	4	5	6	3	3	3
Chronic lower respiratory disease	33	22	18	27	12	19	13
Pneumonitis due to solids and liquids	3	2	3	0	1	2	0
Chronic liver disease and cirrhosis	5	1	0	2	3	0	1
Nephritis and nephrosis	11	8	5	6	8	6	2
Conditions orig. in perinatal period	1	0	1	1	3	0	0
Congenital anomalies	4	1	0	1	1	0	0
Symptoms and ill-defined conditions	2	2	6	6	5	2	0
All other diseases	65	28	28	22	35	20	12
Unintentional injuries	44	2	13	19	11	8	4
...Motor vehicle crashes	17	1	2	12	2	3	2
...Falls	6	0	3	2	3	2	0
...Accidental poisoning	13	0	6	1	1	3	0
...Other unintentional injuries	8	1	2	4	5	0	2
Suicide	14	2	1	4	2	1	3
Homicide	4	0	0	2	0	0	1
All other external causes	5	1	0	2	0	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Marion	Mercer	Miller	Mississippi	Moniteau	Monroe	Montgomery
All causes	343	43	317	156	141	98	154
Enterocolitis due to Clostridium difficile	0	0	0	1	1	0	0
Septicemia	7	1	4	1	3	0	5
HIV / AIDS	0	0	0	0	1	0	0
Malignant neoplasms	57	11	61	21	26	19	36
...Colon, rectum, and anus	9	1	5	4	2	2	4
...Pancreas	5	1	1	0	0	3	0
...Trachea, bronchus, and lung	12	7	23	7	7	4	12
...Breast	2	0	7	1	6	1	2
...Cervix uteri, corpus uteri, and ovary	2	0	6	3	1	0	2
...Prostate	3	1	1	2	1	2	0
...Urinary tract	8	0	2	0	1	0	0
...Non-Hodgkin's lymphoma	1	0	1	1	0	1	2
...Leukemia	1	0	1	0	2	0	1
...Other malignant neoplasms	14	1	14	3	6	6	13
Diabetes mellitus	18	0	14	2	9	2	4
Alzheimer's disease	17	1	10	3	1	3	7
Parkinson's disease	3	0	1	2	1	0	2
Diseases of heart	93	16	94	64	42	26	44
Essential hypertension	7	0	13	0	13	1	2
Cerebrovascular diseases	21	1	13	9	5	6	3
Influenza and pneumonia	14	1	7	3	0	3	3
Chronic lower respiratory disease	29	7	24	10	3	5	13
Pneumonitis due to solids and liquids	1	0	0	1	1	0	0
Chronic liver disease and cirrhosis	3	0	8	1	2	2	0
Nephritis and nephrosis	6	1	6	5	2	2	6
Conditions orig. in perinatal period	1	0	1	1	0	0	1
Congenital anomalies	1	0	1	1	1	0	0
Symptoms and ill-defined conditions	7	1	1	2	2	3	0
All other diseases	37	1	39	15	21	21	19
Unintentional injuries	12	2	17	11	6	4	7
...Motor vehicle crashes	2	2	14	2	1	0	2
...Falls	0	0	0	3	1	0	0
...Accidental poisoning	6	0	1	3	0	1	4
...Other unintentional injuries	4	0	2	3	4	3	1
Suicide	5	0	3	3	1	1	2
Homicide	2	0	0	0	0	0	0
All other external causes	2	0	0	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Morgan	New Madrid	Newton	Nodaway	Oregon	Osage	Ozark
All causes	283	226	648	200	151	123	119
Enterocolitis due to Clostridium difficile	1	1	6	0	1	0	0
Septicemia	4	3	10	1	2	1	0
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	58	55	142	50	28	31	28
...Colon, rectum, and anus	6	9	9	5	4	1	3
...Pancreas	1	4	5	2	0	3	3
...Trachea, bronchus, and lung	20	15	38	14	10	6	11
...Breast	2	5	6	4	2	3	2
...Cervix uteri, corpus uteri, and ovary	0	4	5	2	0	3	1
...Prostate	3	3	11	5	1	0	1
...Urinary tract	3	2	11	1	1	2	2
...Non-Hodgkin's lymphoma	3	0	3	0	0	1	0
...Leukemia	3	0	5	4	2	2	0
...Other malignant neoplasms	17	13	49	13	8	10	5
Diabetes mellitus	13	1	10	6	1	5	3
Alzheimer's disease	3	14	16	10	3	5	3
Parkinson's disease	6	2	6	0	1	6	1
Diseases of heart	67	37	173	60	52	29	27
Essential hypertension	13	2	1	0	0	2	0
Cerebrovascular diseases	14	8	34	9	8	3	10
Influenza and pneumonia	4	5	17	3	2	2	2
Chronic lower respiratory disease	22	24	56	13	6	5	10
Pneumonitis due to solids and liquids	4	1	4	1	0	3	2
Chronic liver disease and cirrhosis	5	8	9	2	3	0	0
Nephritis and nephrosis	4	10	19	2	3	4	5
Conditions orig. in perinatal period	0	0	0	0	0	0	0
Congenital anomalies	2	1	1	0	0	0	0
Symptoms and ill-defined conditions	1	5	5	4	4	0	3
All other diseases	45	33	95	31	22	21	19
Unintentional injuries	13	13	22	5	12	5	4
...Motor vehicle crashes	7	6	4	2	2	3	0
...Falls	3	0	5	0	3	0	0
...Accidental poisoning	0	3	3	0	2	0	1
...Other unintentional injuries	3	4	10	3	5	2	3
Suicide	3	1	14	3	3	1	2
Homicide	0	1	3	0	0	0	0
All other external causes	1	1	5	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Pemiscot	Perry	Pettis	Phelps	Pike	Platte	Polk
All causes	245	193	435	480	209	671	337
Enterocolitis due to Clostridium difficile	2	0	2	0	0	2	2
Septicemia	5	3	3	9	4	5	3
HIV / AIDS	1	0	1	0	0	0	1
Malignant neoplasms	42	48	99	75	47	150	45
...Colon, rectum, and anus	5	3	10	4	4	11	3
...Pancreas	3	3	11	4	3	10	0
...Trachea, bronchus, and lung	17	13	23	30	15	44	15
...Breast	2	3	11	5	1	8	4
...Cervix uteri, corpus uteri, and ovary	0	2	0	1	1	6	2
...Prostate	5	1	1	2	1	4	2
...Urinary tract	1	2	2	4	2	14	4
...Non-Hodgkin's lymphoma	1	3	2	4	1	2	1
...Leukemia	1	2	6	2	2	8	6
...Other malignant neoplasms	7	16	33	19	17	43	8
Diabetes mellitus	5	5	12	12	6	13	11
Alzheimer's disease	5	7	13	27	5	38	13
Parkinson's disease	0	2	5	2	1	7	8
Diseases of heart	73	57	112	126	53	143	78
Essential hypertension	0	1	3	4	2	5	0
Cerebrovascular diseases	16	9	24	32	5	26	20
Influenza and pneumonia	3	2	13	16	7	16	8
Chronic lower respiratory disease	19	15	20	32	13	51	28
Pneumonitis due to solids and liquids	0	2	4	2	1	12	3
Chronic liver disease and cirrhosis	3	2	7	7	1	6	4
Nephritis and nephrosis	9	4	11	25	15	10	8
Conditions orig. in perinatal period	4	0	1	2	0	0	1
Congenital anomalies	1	0	3	2	0	5	1
Symptoms and ill-defined conditions	7	4	11	4	6	6	9
All other diseases	27	28	57	66	28	116	66
Unintentional injuries	14	3	20	27	11	40	17
...Motor vehicle crashes	7	1	9	14	3	6	8
...Falls	0	1	2	1	2	14	0
...Accidental poisoning	2	0	3	5	1	11	3
...Other unintentional injuries	5	1	6	7	5	9	6
Suicide	4	0	11	6	3	14	9
Homicide	4	0	2	2	1	3	0
All other external causes	1	1	1	2	0	3	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds	Ripley
All causes	311	60	106	289	235	94	200
Enterocolitis due to Clostridium difficile	1	0	0	0	1	0	0
Septicemia	10	3	3	5	3	0	3
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	61	11	39	76	70	22	44
...Colon, rectum, and anus	2	1	3	10	5	4	5
...Pancreas	2	0	2	4	8	2	3
...Trachea, bronchus, and lung	22	1	13	19	18	7	19
...Breast	6	0	1	6	3	0	1
...Cervix uteri, corpus uteri, and ovary	1	1	1	4	2	1	0
...Prostate	0	0	1	1	3	0	0
...Urinary tract	3	1	2	4	2	0	2
...Non-Hodgkin's lymphoma	3	0	2	2	2	1	1
...Leukemia	4	1	0	5	3	1	4
...Other malignant neoplasms	18	6	14	21	24	6	9
Diabetes mellitus	4	5	5	20	7	5	4
Alzheimer's disease	7	1	4	6	6	2	5
Parkinson's disease	1	1	0	2	2	1	0
Diseases of heart	83	13	12	65	60	19	56
Essential hypertension	1	2	2	2	0	0	0
Cerebrovascular diseases	10	4	5	18	7	8	10
Influenza and pneumonia	11	1	2	6	5	2	9
Chronic lower respiratory disease	26	4	8	15	18	9	18
Pneumonitis due to solids and liquids	0	1	0	2	2	0	2
Chronic liver disease and cirrhosis	7	1	0	1	5	0	1
Nephritis and nephrosis	7	2	4	2	10	1	3
Conditions orig. in perinatal period	2	0	0	0	1	0	0
Congenital anomalies	3	0	0	0	0	0	1
Symptoms and ill-defined conditions	7	0	2	1	2	1	3
All other diseases	41	9	15	50	24	6	21
Unintentional injuries	18	1	5	6	9	14	12
...Motor vehicle crashes	3	0	2	2	4	5	3
...Falls	2	0	1	1	3	3	1
...Accidental poisoning	8	0	1	1	0	2	2
...Other unintentional injuries	5	1	1	2	2	4	6
Suicide	6	1	0	8	3	4	6
Homicide	3	0	0	3	0	0	1
All other external causes	2	0	0	1	0	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	St. Charles	St. Clair	St. Francois	Ste. Genevieve	St. Louis City	St. Louis County	Saline
All causes	2,744	161	779	198	2,967	9,970	237
Enterocolitis due to Clostridium difficile	8	0	2	0	5	36	0
Septicemia	38	3	11	2	47	146	5
HIV / AIDS	0	0	0	0	10	8	0
Malignant neoplasms	653	33	163	47	623	2,126	48
...Colon, rectum, and anus	40	3	8	9	62	179	4
...Pancreas	48	2	6	1	40	170	1
...Trachea, bronchus, and lung	180	12	65	9	178	579	16
...Breast	43	1	10	5	48	134	4
...Cervix uteri, corpus uteri, and ovary	31	0	10	2	27	98	1
...Prostate	27	1	5	2	33	107	0
...Urinary tract	35	1	12	3	30	122	3
...Non-Hodgkin's lymphoma	16	2	5	1	15	71	1
...Leukemia	36	2	2	1	18	85	5
...Other malignant neoplasms	197	9	40	14	172	581	13
Diabetes mellitus	60	4	27	6	87	194	5
Alzheimer's disease	105	4	29	5	58	423	8
Parkinson's disease	29	2	10	3	10	119	2
Diseases of heart	642	54	221	47	709	2,518	67
Essential hypertension	24	0	9	1	39	87	3
Cerebrovascular diseases	126	9	41	12	173	580	18
Influenza and pneumonia	75	3	12	1	38	222	6
Chronic lower respiratory disease	138	14	68	20	126	403	10
Pneumonitis due to solids and liquids	47	2	2	5	26	91	3
Chronic liver disease and cirrhosis	24	1	3	2	38	106	2
Nephritis and nephrosis	49	3	29	5	76	253	5
Conditions orig. in perinatal period	11	1	1	0	17	45	1
Congenital anomalies	11	0	2	0	16	25	0
Symptoms and ill-defined conditions	18	0	5	2	27	77	3
All other diseases	416	17	83	25	478	1,738	37
Unintentional injuries	201	9	37	10	185	503	8
...Motor vehicle crashes	30	6	13	5	38	83	3
...Falls	92	0	4	2	24	204	5
...Accidental poisoning	53	0	17	2	96	145	0
...Other unintentional injuries	26	3	3	1	27	71	0
Suicide	58	1	13	4	36	129	5
Homicide	5	0	5	0	135	125	0
All other external causes	6	1	6	1	8	16	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Schuyler	Scotland	Scott	Shannon	Shelby	Stoddard	Stone
All causes	59	75	423	86	86	432	360
Enterocolitis due to Clostridium difficile	1	1	1	0	0	0	0
Septicemia	1	1	2	0	2	4	3
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	10	17	97	18	15	104	80
...Colon, rectum, and anus	0	1	7	0	2	8	3
...Pancreas	3	1	10	3	1	6	3
...Trachea, bronchus, and lung	4	5	29	7	5	36	24
...Breast	0	3	6	0	1	3	7
...Cervix uteri, corpus uteri, and ovary	0	1	8	0	0	7	4
...Prostate	1	0	1	0	0	5	3
...Urinary tract	0	2	3	2	1	9	1
...Non-Hodgkin's lymphoma	0	1	4	0	0	4	3
...Leukemia	0	0	2	0	0	2	2
...Other malignant neoplasms	2	3	27	6	5	24	30
Diabetes mellitus	2	2	8	2	0	9	6
Alzheimer's disease	2	2	21	4	3	30	14
Parkinson's disease	0	0	4	0	1	2	5
Diseases of heart	15	15	95	26	24	100	116
Essential hypertension	0	1	2	0	0	2	3
Cerebrovascular diseases	3	2	20	2	3	27	14
Influenza and pneumonia	5	3	10	1	5	16	8
Chronic lower respiratory disease	2	5	36	7	7	39	26
Pneumonitis due to solids and liquids	1	1	1	0	0	6	1
Chronic liver disease and cirrhosis	0	0	5	0	1	6	3
Nephritis and nephrosis	2	3	8	2	5	10	7
Conditions orig. in perinatal period	0	0	0	0	0	1	1
Congenital anomalies	0	0	2	0	3	1	0
Symptoms and ill-defined conditions	1	2	10	3	2	5	3
All other diseases	9	12	58	13	9	42	43
Unintentional injuries	3	6	25	8	4	24	18
...Motor vehicle crashes	1	1	6	5	2	8	9
...Falls	0	3	1	0	1	3	5
...Accidental poisoning	0	0	8	2	1	5	2
...Other unintentional injuries	2	2	10	1	0	8	2
Suicide	2	2	10	0	2	3	8
Homicide	0	0	5	0	0	1	1
All other external causes	0	0	3	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Sullivan	Taney	Texas	Vernon	Warren	Washington	Wayne
All causes	66	615	321	274	289	294	199
Enterocolitis due to Clostridium difficile	1	8	1	0	2	2	1
Septicemia	2	14	6	5	2	2	1
HIV / AIDS	0	0	0	0	0	1	0
Malignant neoplasms	7	129	60	40	75	49	51
...Colon, rectum, and anus	0	13	3	6	7	3	3
...Pancreas	1	10	3	2	9	3	6
...Trachea, bronchus, and lung	3	38	18	15	26	21	20
...Breast	1	11	4	2	2	4	3
...Cervix uteri, corpus uteri, and ovary	0	5	2	1	4	1	2
...Prostate	0	4	2	0	1	2	2
...Urinary tract	0	9	3	1	3	2	5
...Non-Hodgkin's lymphoma	0	1	3	1	5	1	0
...Leukemia	1	6	1	3	1	2	2
...Other malignant neoplasms	1	32	21	9	17	10	8
Diabetes mellitus	1	8	4	8	9	10	11
Alzheimer's disease	1	21	10	4	8	5	7
Parkinson's disease	1	4	1	1	0	3	3
Diseases of heart	25	196	91	80	67	113	35
Essential hypertension	3	1	1	2	3	1	3
Cerebrovascular diseases	0	23	16	20	7	10	7
Influenza and pneumonia	0	22	8	7	6	2	6
Chronic lower respiratory disease	5	28	20	22	23	24	17
Pneumonitis due to solids and liquids	1	4	2	3	11	1	7
Chronic liver disease and cirrhosis	1	5	4	5	4	4	3
Nephritis and nephrosis	1	12	19	7	4	5	5
Conditions orig. in perinatal period	0	0	1	0	0	0	1
Congenital anomalies	0	4	1	1	1	0	0
Symptoms and ill-defined conditions	0	12	0	6	0	1	0
All other diseases	12	78	41	51	34	29	27
Unintentional injuries	5	28	23	9	26	26	10
...Motor vehicle crashes	2	12	10	2	10	14	2
...Falls	1	9	4	1	3	0	1
...Accidental poisoning	0	2	1	1	8	8	1
...Other unintentional injuries	2	5	7	5	5	4	6
Suicide	0	13	5	2	2	4	2
Homicide	0	2	7	1	5	1	1
All other external causes	0	3	0	0	0	1	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2015

	Webster	Worth	Wright	Unknown
All causes	355	31	210	1
Enterocolitis due to Clostridium difficile	1	0	3	0
Septicemia	8	0	4	0
HIV / AIDS	0	0	0	0
Malignant neoplasms	65	9	42	0
...Colon, rectum, and anus	4	1	7	0
...Pancreas	5	0	0	0
...Trachea, bronchus, and lung	15	3	15	0
...Breast	8	0	3	0
...Cervix uteri, corpus uteri, and ovary	1	0	1	0
...Prostate	5	1	1	0
...Urinary tract	3	0	1	0
...Non-Hodgkin's lymphoma	2	1	2	0
...Leukemia	2	1	1	0
...Other malignant neoplasms	20	2	11	0
Diabetes mellitus	10	0	6	0
Alzheimer's disease	18	2	12	0
Parkinson's disease	5	0	1	0
Diseases of heart	69	5	61	0
Essential hypertension	3	0	2	0
Cerebrovascular diseases	25	2	8	0
Influenza and pneumonia	10	0	2	0
Chronic lower respiratory disease	28	1	17	0
Pneumonitis due to solids and liquids	6	0	1	0
Chronic liver disease and cirrhosis	4	0	1	0
Nephritis and nephrosis	6	0	7	0
Conditions orig. in perinatal period	0	0	1	0
Congenital anomalies	5	1	1	0
Symptoms and ill-defined conditions	2	1	2	1
All other diseases	40	7	28	0
Unintentional injuries	32	3	9	0
...Motor vehicle crashes	9	1	5	0
...Falls	3	1	1	0
...Accidental poisoning	10	0	1	0
...Other unintentional injuries	10	1	2	0
Suicide	14	0	2	0
Homicide	0	0	0	0
All other external causes	4	0	0	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2015

	Ballwin	Blue Springs	Cape Girardeau	Chesterfield	Columbia	Florissant	Gladstone	Hazelwood
All causes	235	318	440	526	700	538	241	196
Enterocolitis due to Clostridium difficile	0	2	0	1	6	2	2	0
Septicemia	1	4	3	5	13	6	2	5
HIV / AIDS	0	0	1	1	0	1	0	0
Malignant neoplasms	51	88	73	113	138	116	62	56
...Colon, rectum, and anus	3	5	7	5	16	7	5	4
...Pancreas	3	4	4	8	12	11	8	2
...Trachea, bronchus, and lung	16	24	20	29	33	36	24	16
...Breast	5	4	9	3	11	5	3	3
...Cervix uteri, corpus uteri, and ovary	5	10	2	7	6	7	2	3
...Prostate	3	4	5	5	9	9	5	2
...Urinary tract	4	4	5	14	6	5	1	4
...Non-Hodgkin's lymphoma	3	3	0	1	3	2	1	3
...Leukemia	0	2	2	4	6	2	6	5
...Other malignant neoplasms	9	28	19	37	36	32	7	14
Diabetes mellitus	6	9	9	9	19	9	3	1
Alzheimer's disease	10	9	44	29	27	12	8	4
Parkinson's disease	5	0	6	8	11	5	1	1
Diseases of heart	65	68	109	108	153	155	61	49
Essential hypertension	1	2	0	2	14	2	0	0
Cerebrovascular diseases	20	9	21	39	40	28	12	11
Influenza and pneumonia	6	7	9	8	12	15	8	4
Chronic lower respiratory disease	9	25	28	19	34	20	18	9
Pneumonitis due to solids and liquids	0	3	2	4	6	4	2	3
Chronic liver disease and cirrhosis	4	6	5	6	8	6	5	3
Nephritis and nephrosis	6	10	22	9	15	11	5	5
Conditions orig. in perinatal period	0	2	1	1	6	8	2	1
Congenital anomalies	1	0	2	1	6	2	1	0
Symptoms and ill-defined conditions	3	2	11	5	5	4	2	1
All other diseases	37	47	73	128	129	90	24	26
Unintentional injuries	7	17	10	23	41	30	17	14
...Motor vehicle crashes	1	5	3	3	10	6	4	4
...Falls	3	4	1	9	5	11	4	2
...Accidental poisoning	2	7	2	5	14	11	7	3
...Other unintentional injuries	1	1	4	6	12	2	2	5
Suicide	1	5	7	7	13	8	5	1
Homicide	1	0	1	0	1	3	0	2
All other external causes	1	3	3	0	3	1	1	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2015

	Independence	Jefferson City	Joplin	Joplin - Jasper County	Joplin - Newton County	Kansas City	Kansas City - Jackson County	Kansas City - Clay County
All causes	1,400	445	524	435	89	3,902	2,821	749
Enterocolitis due to Clostridium difficile	4	0	3	2	1	8	4	2
Septicemia	22	8	10	8	2	48	40	6
HIV / AIDS	2	1	0	0	0	9	8	1
Malignant neoplasms	285	89	104	92	12	834	599	175
...Colon, rectum, and anus	23	4	6	6	0	74	56	17
...Pancreas	15	5	11	11	0	57	45	7
...Trachea, bronchus, and lung	82	24	30	28	2	230	170	43
...Breast	13	8	9	9	0	64	41	20
...Cervix uteri, corpus uteri, and ovary	12	4	0	0	0	32	20	8
...Prostate	10	2	4	1	3	43	33	7
...Urinary tract	17	9	4	4	0	51	38	7
...Non-Hodgkin's lymphoma	11	2	2	1	1	23	19	4
...Leukemia	12	1	2	1	1	26	19	6
...Other malignant neoplasms	90	30	36	31	5	234	158	56
Diabetes mellitus	32	7	7	5	2	94	76	14
Alzheimer's disease	58	27	13	8	5	110	51	39
Parkinson's disease	12	6	6	5	1	39	19	13
Diseases of heart	332	118	158	130	28	834	635	123
Essential hypertension	7	2	1	0	1	44	35	8
Cerebrovascular diseases	63	18	23	21	2	186	131	42
Influenza and pneumonia	24	11	17	15	2	72	49	15
Chronic lower respiratory disease	132	31	46	35	11	209	128	56
Pneumonitis due to solids and liquids	11	3	5	4	1	39	28	8
Chronic liver disease and cirrhosis	13	2	11	10	1	43	31	8
Nephritis and nephrosis	35	10	11	10	1	120	97	18
Conditions orig. in perinatal period	9	3	1	1	0	14	10	4
Congenital anomalies	4	0	1	1	0	16	10	4
Symptoms and ill-defined conditions	8	7	7	7	0	25	18	5
All other diseases	233	78	60	47	13	708	516	127
Unintentional injuries	66	10	21	19	2	255	187	46
...Motor vehicle crashes	14	2	3	3	0	53	43	8
...Falls	18	0	5	4	1	65	39	15
...Accidental poisoning	22	5	4	3	1	92	68	17
...Other unintentional injuries	12	3	9	9	0	45	37	6
Suicide	38	7	14	12	2	88	51	30
Homicide	8	4	4	3	1	101	94	4
All other external causes	2	3	1	0	1	6	4	1

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2015

	Kansas City - Platte County	Kirkwood	Lee's Summit	Liberty	Maryland Heights	O'Fallon	Raytown	St. Charles
All causes	332	313	688	253	220	465	375	655
Enterocolitis due to Clostridium difficile	2	0	1	0	0	1	2	1
Septicemia	2	5	9	1	3	3	6	13
HIV / AIDS	0	0	0	0	0	0	0	0
Malignant neoplasms	60	62	137	61	38	107	89	128
...Colon, rectum, and anus	1	4	16	4	5	8	6	13
...Pancreas	5	7	11	4	1	4	7	5
...Trachea, bronchus, and lung	17	11	34	17	14	30	25	30
...Breast	3	5	11	6	0	8	7	7
...Cervix uteri, corpus uteri, and ovary	4	0	5	0	0	7	2	4
...Prostate	3	4	2	1	2	5	5	5
...Urinary tract	6	2	7	5	3	4	8	7
...Non-Hodgkin's lymphoma	0	3	6	2	2	2	2	5
...Leukemia	1	5	6	5	0	6	5	9
...Other malignant neoplasms	20	21	39	17	11	33	22	43
Diabetes mellitus	4	3	8	8	4	8	9	17
Alzheimer's disease	20	15	32	9	20	24	7	25
Parkinson's disease	7	4	7	5	2	2	5	7
Diseases of heart	76	66	171	60	50	100	82	175
Essential hypertension	1	5	4	3	0	5	6	8
Cerebrovascular diseases	13	30	40	13	13	24	20	26
Influenza and pneumonia	8	9	11	6	5	12	10	24
Chronic lower respiratory disease	25	15	52	16	8	19	29	35
Pneumonitis due to solids and liquids	3	3	9	4	4	7	4	13
Chronic liver disease and cirrhosis	4	7	2	4	3	2	4	6
Nephritis and nephrosis	5	9	15	2	8	9	12	14
Conditions orig. in perinatal period	0	1	3	0	2	3	2	3
Congenital anomalies	2	0	1	0	1	0	1	2
Symptoms and ill-defined conditions	2	0	11	1	0	2	3	1
All other diseases	65	57	124	45	46	88	65	98
Unintentional injuries	22	17	35	9	9	38	9	44
...Motor vehicle crashes	2	1	12	5	2	8	2	4
...Falls	11	13	10	2	6	16	5	24
...Accidental poisoning	7	1	9	0	1	8	2	10
...Other unintentional injuries	2	2	4	2	0	6	0	6
Suicide	7	4	12	4	1	11	5	12
Homicide	3	1	3	2	2	0	4	2
All other external causes	1	0	1	0	1	0	1	1

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2015

	St. Joseph	St. Louis City	St. Peters	Springfield	University City	Wentzville	Wildwood
All causes	812	2,967	454	1,878	390	190	167
Enterocolitis due to Clostridium difficile	3	5	2	18	0	1	0
Septicemia	8	47	6	18	6	3	1
HIV / AIDS	1	10	0	1	2	0	0
Malignant neoplasms	176	623	127	356	86	40	42
...Colon, rectum, and anus	12	62	5	34	6	3	4
...Pancreas	6	40	17	27	5	2	7
...Trachea, bronchus, and lung	58	178	40	98	25	9	6
...Breast	13	48	11	25	8	2	3
...Cervix uteri, corpus uteri, and ovary	8	27	6	10	4	3	0
...Prostate	7	33	4	18	5	2	1
...Urinary tract	16	30	7	19	4	1	2
...Non-Hodgkin's lymphoma	8	15	2	19	5	1	2
...Leukemia	7	18	6	9	2	4	1
...Other malignant neoplasms	41	172	29	97	22	13	16
Diabetes mellitus	47	87	6	37	16	6	0
Alzheimer's disease	30	58	14	84	21	3	4
Parkinson's disease	6	10	2	20	4	7	3
Diseases of heart	160	709	99	406	88	52	42
Essential hypertension	6	39	3	13	6	1	0
Cerebrovascular diseases	45	173	20	96	26	4	11
Influenza and pneumonia	16	38	13	33	5	5	6
Chronic lower respiratory disease	81	126	26	147	13	11	4
Pneumonitis due to solids and liquids	8	26	4	27	0	7	5
Chronic liver disease and cirrhosis	10	38	2	35	2	4	4
Nephritis and nephrosis	20	76	8	47	13	5	3
Conditions orig. in perinatal period	3	17	0	14	1	0	0
Congenital anomalies	4	16	3	7	0	0	0
Symptoms and ill-defined conditions	9	27	4	19	3	0	0
All other diseases	127	478	67	324	72	24	20
Unintentional injuries	22	185	37	113	19	15	12
...Motor vehicle crashes	4	38	6	17	3	3	2
...Falls	9	24	20	21	5	6	7
...Accidental poisoning	2	96	6	56	7	4	1
...Other unintentional injuries	7	27	5	19	4	2	2
Suicide	20	36	9	50	3	2	9
Homicide	9	135	0	8	3	0	1
All other external causes	1	8	2	5	1	0	0

Table 27. Recorded Deaths by Type of Accident by Age by Sex: Missouri, 2015

	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	3,492	2,132	1,360	55	39	24	21	239	90	576	263	603	302	182	132	453	513
Work Total	82	74	8	0	0	0	0	7	1	18	1	39	5	4	0	6	1
Heavy transport vehicle	8	6	2	0	0	0	0	1	0	1	0	3	2	0	0	1	0
Other motor vehicle	20	18	2	0	0	0	0	1	0	5	0	10	2	2	0	0	0
Other transport	7	7	0	0	0	0	0	2	0	1	0	3	0	0	0	1	0
Falls	15	13	2	0	0	0	0	0	0	3	0	7	1	0	0	3	1
Farm machinery	3	3	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
Other machinery	2	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Struck by/against object	11	11	0	0	0	0	0	2	0	2	0	6	0	1	0	0	0
Electric current	3	3	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0
Other/unspecified accident	13	11	2	0	0	0	0	1	1	3	1	6	0	0	0	1	0
Home Total	1,439	841	598	47	33	9	9	75	22	239	126	237	167	59	56	175	185
Falls	450	237	213	0	0	1	0	1	0	9	0	46	15	27	33	153	165
Machinery	3	3	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
Firearms	14	12	2	2	1	0	0	5	0	3	0	1	1	1	0	0	0
Struck by/against object	14	12	2	1	0	0	0	1	0	2	0	2	1	2	0	4	1
Drowning	22	10	12	2	3	1	0	1	2	4	3	2	2	0	1	1	0
Choke/suffocate	82	45	37	33	23	0	1	3	0	3	3	2	7	3	0	1	3
Excess natural heat/cold	17	6	11	0	0	0	0	0	0	0	1	3	3	1	3	2	4
Fire/flame/smoke	87	48	39	6	5	4	7	2	0	6	5	17	9	9	9	4	4
Poisoning (drug/alcohol)	688	427	261	1	0	1	0	56	18	207	109	151	126	11	8	0	0
Poisoning (gas/other)	14	6	8	0	0	1	0	1	2	4	3	0	2	0	0	0	1
Other/unspecified accident	48	35	13	2	1	1	1	5	0	3	1	11	1	5	2	8	7
Public Transport Total	974	684	290	2	2	14	10	131	55	209	86	197	72	58	39	73	26
Car or truck	694	452	242	1	2	4	7	95	46	127	73	131	56	39	33	55	25
Pedestrian	113	83	30	1	0	3	1	16	7	32	10	18	9	6	2	7	1
Pedal cyclist	7	6	1	0	0	0	0	2	0	2	0	2	0	0	1	0	0
Motorcyclist	90	85	5	0	0	1	0	13	0	29	1	30	3	8	1	4	0
Railroad (not motor vehicle)	11	10	1	0	0	0	0	2	0	4	0	3	1	1	0	0	0
Non-road vehicle (including ATV)	26	22	4	0	0	4	1	0	2	8	0	3	0	2	1	5	0
Water transport	11	10	1	0	0	1	0	2	0	2	0	4	1	0	0	1	0
Air transport	11	7	4	0	0	0	1	1	0	3	2	3	1	0	0	0	0
Other/unspecified transport	11	9	2	0	0	1	0	0	0	2	0	3	1	2	1	1	0
Public Non-Transport Total	967	516	451	6	4	1	2	26	12	108	50	122	52	59	36	194	295
Falls	347	148	199	0	0	0	0	3	1	3	0	16	3	17	10	109	185
Machinery	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Firearms	4	4	0	0	0	0	0	1	0	2	0	1	0	0	0	0	0
Struck by/against object	10	6	4	0	0	0	0	1	0	0	1	3	0	2	0	0	3
Drowning	52	42	10	2	2	1	2	6	1	15	2	10	3	4	0	4	0
Choke/suffocate	100	58	42	3	1	0	0	0	0	2	0	8	11	9	6	36	24
Excess natural heat/cold	18	11	7	0	0	0	0	0	0	3	1	5	2	0	1	3	3
Fire/flame/smoke	8	6	2	0	0	0	0	1	0	1	1	1	0	3	0	0	1
Poisoning (drug/alcohol)	244	154	90	1	1	0	0	11	10	72	43	64	26	3	3	3	7
Poisoning (gas/other)	5	5	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0
Other/unspecified accident	178	81	97	0	0	0	0	2	0	8	2	13	7	20	16	38	72
Late Effects of Accidents	30	17	13	0	0	0	0	0	0	2	0	8	6	2	1	5	6

Table 28. Resident Deaths by Selected Variables by Determination of Tobacco Use Contributing to Cause of Death: Missouri, 2015

	Total	Tobacco Use Contributed to Death			Percentage				
		Yes	Probably	No	Yes	Probably	No	Unknown	
<u>State Total</u>	59,810	6,435	3,137	28,728	21,510	10.8	5.2	48.0	36.0
<u>Gender</u>									
Male	30,348	3,758	1,947	13,230	11,413	12.4	6.4	43.6	37.6
Female	29,462	2,677	1,190	15,498	10,097	9.1	4.0	52.6	34.3
<u>Decedent's Race</u>									
White Non-Hisp	52,471	5,878	2,807	24,977	18,809	11.2	5.3	47.6	35.8
Black Non-Hisp	6,094	479	288	3,066	2,261	7.9	4.7	50.3	37.1
Other Non-Hisp*	674	47	20	379	228	7.0	3.0	56.2	33.8
Hispanic, Any Race	534	28	22	300	184	5.2	4.1	56.2	34.5
<u>Decedent's Age</u>									
Under 35	2,620	15	17	2,102	486	0.6	0.6	80.2	18.5
35-44	1,573	68	47	958	500	4.3	3.0	60.9	31.8
45-54	3,846	458	201	1,738	1,449	11.9	5.2	45.2	37.7
55-64	8,232	1,324	654	3,091	3,163	16.1	7.9	37.5	38.4
65-74	11,019	1,992	784	4,016	4,227	18.1	7.1	36.4	38.4
75-84	14,480	1,783	874	6,427	5,396	12.3	6.0	44.4	37.3
85+	18,040	795	560	10,396	6,289	4.4	3.1	57.6	34.9
<u>Underlying Cause of Death</u>									
Heart Disease	14,778	1,176	739	6,199	6,664	8.0	5.0	41.9	45.1
Cancer	12,938	2,404	988	5,245	4,301	18.6	7.6	40.5	33.2
...Lung Cancer	3,861	1,796	520	332	1,213	46.5	13.5	8.6	31.4
...Other Cancer	9,077	608	468	4,913	3,088	6.7	5.2	54.1	34.0
Chronic lower respiratory disease	3,928	1,736	499	517	1,176	44.2	12.7	13.2	29.9
Stroke	3,021	137	124	1,511	1,249	4.5	4.1	50.0	41.3
Unintentional injuries	3,249	53	24	2,573	599	1.6	0.7	79.2	18.4
Alzheimer's disease	2,169	20	34	1,487	628	0.9	1.6	68.6	29.0
Diabetes mellitus	1,464	140	106	668	550	9.6	7.2	45.6	37.6
Influenza and pneumonia	1,333	60	46	703	524	4.5	3.5	52.7	39.3
Nephritis and nephrosis	1,480	44	40	756	640	3.0	2.7	51.1	43.2
Other	15,450	665	537	9,069	5,179	4.3	3.5	58.7	33.5

*: Includes Deaths of Persons of Multiple Races

Table 29. Resident Deaths by Selected Characteristics by Sex: Missouri, 2015

	Total	Female	Male
<u>State Total</u>	59,810	29,462	30,348
<u>Certifier</u>			
Certifying Physician	48,406	25,386	23,020
Medical Examiner/Coroner	11,402	4,075	7,327
Other	2	1	1
<u>Death Place</u>			
Inpatient	16,425	7,791	8,634
Emergency Room/Outpatient	3,743	1,462	2,281
Dead on Arrival	91	24	67
Decedent's Home	18,720	8,395	10,325
Hospice Facility	2,268	1,192	1,076
Nursing Home	15,909	9,689	6,220
Other	2,651	908	1,743
Unknown	3	1	2
<u>Month of Death</u>			
January	5,844	2,992	2,852
February	5,049	2,519	2,530
March	5,486	2,755	2,731
April	4,964	2,464	2,500
May	4,892	2,392	2,500
June	4,587	2,248	2,339
July	4,785	2,342	2,443
August	4,634	2,223	2,411
September	4,688	2,295	2,393
October	4,944	2,429	2,515
November	4,868	2,377	2,491
December	5,069	2,426	2,643

	Total	Female	Male
<u>Disposition</u>			
Burial	31,486	16,616	14,870
Cremation	25,287	11,259	14,028
Donation	1,376	724	652
Entombment	442	254	188
Removal from State	1,167	590	577
Other	52	19	33
<u>Marital Status</u>			
Married	22,352	7,388	14,964
Divorced	9,883	4,544	5,339
Widowed	20,501	14,917	5,584
Never Married	6,747	2,510	4,237
Unknown	327	103	224
<u>Education of Deceased</u>			
8th Grade or Less	7,350	3,800	3,550
9th to 11th Grade	7,084	3,426	3,658
High School Graduates	26,315	13,511	12,804
Some College	10,784	5,288	5,496
Bachelor's Degree	4,806	2,093	2,713
Post-Graduate Degree	2,745	1,058	1,687
Unknown	726	286	440
<u>Autopsy</u>			
Yes	3,182	1,034	2,148
Yes, but not used	287	119	168

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2015

Total Population

Age Interval	Proportion Dying		Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime			
	${}_nQ_x$	Proportion of persons alive at beginning of age interval dying during interval	L_x	Number living at beginning of age interval	${}_nD_x$	Number dying during age interval	nL_x	In this and all subsequent age intervals	E_x	Average number of years of life remaining at beginning of age interval
X TO X + N								T_x		
0-1	0.0065		100,000		652		99,414	7,734,304		77.3
1-5	0.0011		99,348		114		397,165	7,634,891		76.8
5-10	0.0008		99,234		81		495,970	7,237,725		72.9
10-15	0.0008		99,154		84		495,559	6,741,755		68.0
15-20	0.0033		99,070		325		494,536	6,246,197		63.0
20-25	0.0060		98,745		589		492,250	5,751,661		58.2
25-30	0.0063		98,155		614		489,242	5,259,411		53.6
30-35	0.0078		97,541		764		485,796	4,770,169		48.9
35-40	0.0093		96,777		905		481,624	4,284,373		44.3
40-45	0.0120		95,872		1,155		476,476	3,802,749		39.7
45-50	0.0174		94,718		1,649		469,467	3,326,273		35.1
50-55	0.0289		93,069		2,693		458,612	2,856,806		30.7
55-60	0.0417		90,376		3,765		442,467	2,398,194		26.5
60-65	0.0592		86,611		5,124		420,245	1,955,727		22.6
65-70	0.0785		81,487		6,396		391,445	1,535,482		18.8
70-75	0.1206		75,091		9,054		352,819	1,144,037		15.2
75-80	0.1824		66,037		12,042		300,077	791,218		12.0
80-85	0.2810		53,994		15,171		232,044	491,141		9.1
85+	1.0000		38,824		38,824		259,096	259,096		6.7

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2015

Male Population

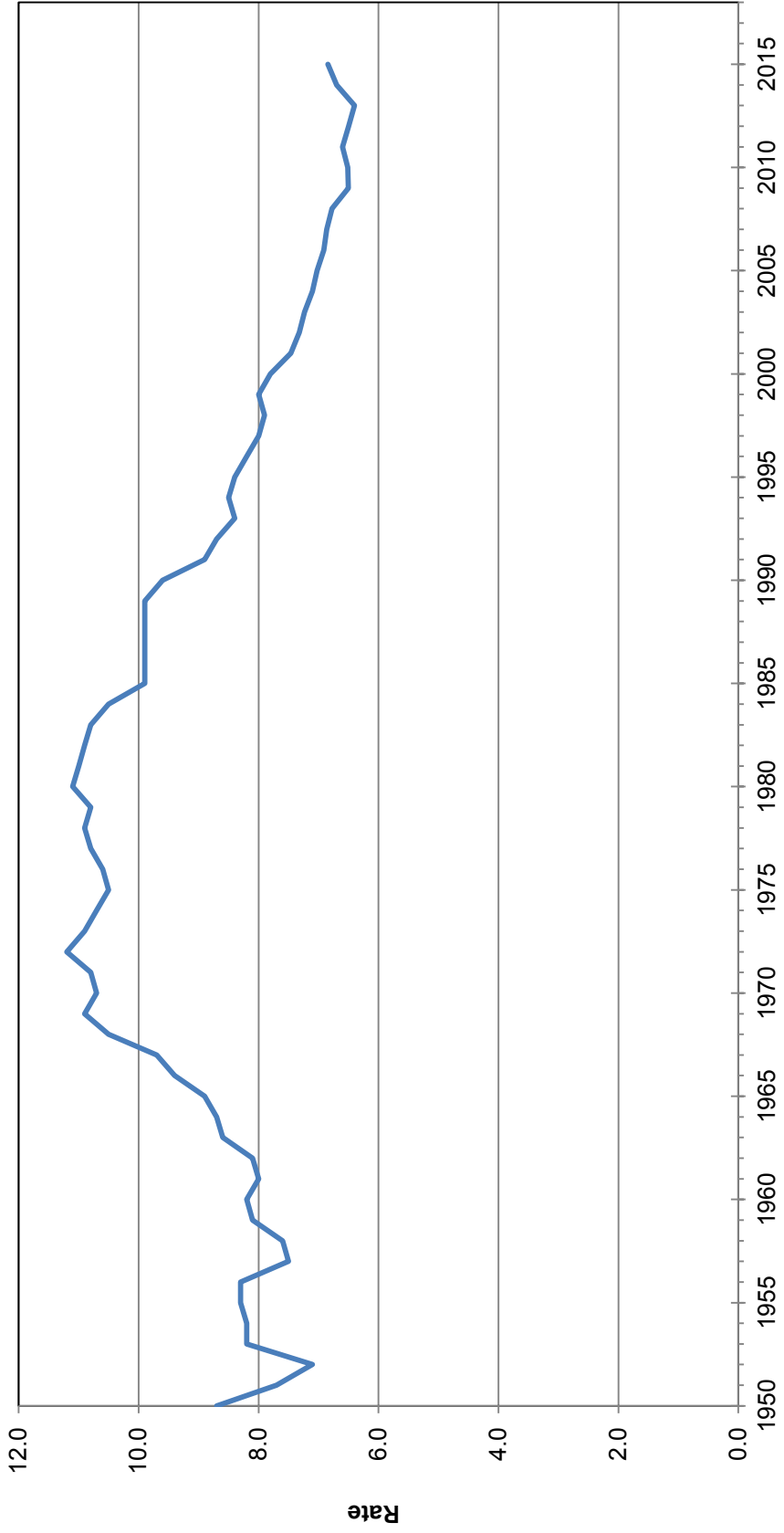
Age Interval	Proportion Dying		Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime		
	${}_nQ_x$	Proportion of persons alive at beginning of age interval dying during interval	L_x	Number living at beginning of age interval	${}_nD_x$	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
X TO X + N							${}_nL_x$	T_x	E_x
0-1	0.0072		100,000		722		99,351	7,475,583	74.8
1-5	0.0012		99,278		124		396,865	7,376,232	74.3
5-10	0.0008		99,154		83		495,565	6,979,367	70.4
10-15	0.0010		99,072		94		495,123	6,483,802	65.4
15-20	0.0046		98,977		455		493,748	5,988,679	60.5
20-25	0.0086		98,522		843		490,501	5,494,931	55.8
25-30	0.0088		97,679		863		486,236	5,004,429	51.2
30-35	0.0106		96,816		1,022		481,525	4,518,194	46.7
35-40	0.0124		95,794		1,189		476,000	4,036,669	42.1
40-45	0.0143		94,606		1,358		469,634	3,560,669	37.6
45-50	0.0209		93,248		1,947		461,372	3,091,035	33.1
50-55	0.0350		91,301		3,198		448,510	2,629,663	28.8
55-60	0.0518		88,103		4,567		429,099	2,181,153	24.8
60-65	0.0743		83,537		6,209		402,161	1,752,054	21.0
65-70	0.0977		77,328		7,558		367,743	1,349,893	17.5
70-75	0.1408		69,769		9,822		324,293	982,151	14.1
75-80	0.2117		59,948		12,692		268,009	657,858	11.0
80-85	0.3221		47,256		15,222		198,226	389,849	8.2
85+	1.0000		32,035		32,035		191,622	191,622	6.0

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2015

Female Population

Age Interval	Proportion Dying		Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime		
	${}_nQ_x$	Proportion of persons alive at beginning of age interval dying during interval	L_x	Number living at beginning of age interval	${}_nD_x$	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
X TO X + N							${}_nL_x$	T_x	E_x
0-1	0.0058		100,000		578		99,480	7,991,867	79.9
1-5	0.0010		99,422		104		397,480	7,892,387	79.4
5-10	0.0008		99,318		78		496,394	7,494,907	75.5
10-15	0.0007		99,240		73		496,016	6,998,513	70.5
15-20	0.0019		99,167		187		495,365	6,502,497	65.6
20-25	0.0033		98,979		325		494,085	6,007,132	60.7
25-30	0.0037		98,655		362		492,369	5,513,047	55.9
30-35	0.0051		98,293		503		490,207	5,020,678	51.1
35-40	0.0063		97,790		614		487,415	4,530,471	46.3
40-45	0.0098		97,176		951		483,503	4,043,056	41.6
45-50	0.0140		96,225		1,347		477,759	3,559,553	37.0
50-55	0.0230		94,878		2,182		468,936	3,081,794	32.5
55-60	0.0319		92,696		2,957		456,091	2,612,857	28.2
60-65	0.0451		89,740		4,044		438,589	2,156,767	24.0
65-70	0.0610		85,696		5,226		415,414	1,718,178	20.0
70-75	0.1029		80,470		8,280		381,650	1,302,764	16.2
75-80	0.1581		72,190		11,416		332,412	921,114	12.8
80-85	0.2506		60,775		15,233		265,791	588,702	9.7
85+	1.0000		45,542		45,542		322,911	322,911	7.1

Graph F. Marriage Rates per 1,000 Population: Missouri, 1950-2015



Year	Marriages	Rate	Year	Marriages	Rate
1950	34,300	8.7	1985	49,484	9.9
1955	34,162	8.3	1990	49,063	9.6
1960	35,368	8.2	1995	45,057	8.4
1965	39,882	8.9	2000	43,665	7.8
1970	50,224	10.7	2005	40,675	7.0
1975	50,147	10.5	2010	38,998	6.5
1980	54,625	11.1	2011	39,481	6.6
			2012	39,378	6.5
			2013	38,932	6.4
			2014	40,779	6.7
			2015	41,377	6.8

Table 31. Reported Male-Female Marriages by Age of Groom by Age of Bride: Missouri, 2015

Age of Groom	Age of Bride															
	15 And Under	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Total	40,651	36	114	648	945	1,357	1,607	1,921	2,203	2,283	2,445	2,386	2,100	1,885	1,755	1,547
16	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	22	3	4	6	6	1	0	0	0	1	0	0	0	0	0	0
18	239	5	28	100	52	19	13	4	5	4	3	0	0	0	0	0
19	511	2	28	138	169	80	35	16	10	7	3	5	4	0	1	0
20	838	3	20	141	200	232	120	41	28	14	4	9	3	4	3	5
21	1,157	0	10	91	153	269	279	157	80	36	19	19	11	6	5	4
22	1,455	1	5	58	123	203	297	319	205	95	46	22	22	15	8	9
23	1,747	0	5	29	56	151	244	388	401	193	101	49	24	27	24	16
24	1,924	2	4	20	54	117	189	257	373	405	217	92	48	31	31	16
25	2,164	0	3	17	34	88	101	203	297	401	454	233	96	66	51	30
26	2,110	0	0	11	19	49	82	142	205	281	385	406	197	102	67	41
27	2,096	1	0	10	17	31	63	93	152	200	306	382	348	153	109	69
28	1,950	0	1	2	7	25	47	59	96	161	215	265	314	282	144	93
29	1,888	0	0	3	9	21	39	52	81	125	181	209	255	244	228	144
30	1,784	0	0	5	7	16	23	49	64	73	131	167	188	209	216	176
31	1,572	0	0	6	6	14	8	26	50	60	106	111	133	174	170	169
32	1,386	1	0	1	8	3	11	21	25	47	66	103	100	123	152	139
33	1,268	0	0	2	4	5	10	21	22	50	39	65	70	97	107	116
34	1,123	0	0	1	6	3	9	14	15	32	35	63	59	72	77	92
35-39	4,303	0	1	2	7	14	25	36	58	61	85	114	147	188	241	283
40-44	3,071	0	0	3	7	6	8	12	19	20	30	45	44	53	73	101
45-49	2,414	0	1	1	1	3	1	3	10	12	7	13	20	27	30	24
50-54	2,077	0	0	1	0	5	1	3	4	4	8	8	9	9	12	14
55-59	1,475	0	0	0	0	2	2	3	3	0	3	3	4	2	4	3
60-64	869	0	0	0	0	0	0	1	0	1	0	3	2	0	1	2
65-69	591	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1
70-74	302	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
75 +	307	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Not Stated	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 31. Reported Male-Female Marriages by Age of Groom by Age of Bride: Missouri, 2015

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	1,377	1,211	1,081	999	3,677	2,671	2,178	1,700	1,099	663	395	193	157	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	0	0	0	0	1	0	0	0	0	0	0	0	0
19	2	0	1	1	2	0	0	0	0	0	0	0	0	0
20	0	2	3	1	2	0	0	0	0	0	0	0	0	0
21	2	2	1	2	3	1	1	0	0	0	0	0	0	0
22	6	4	0	5	6	4	0	0	0	0	0	0	0	1
23	4	9	2	6	11	1	1	1	1	0	0	0	0	0
24	19	9	7	8	17	7	1	0	0	0	0	0	0	0
25	21	12	5	14	26	9	1	1	0	0	0	0	0	0
26	30	26	18	13	23	8	1	2	1	0	0	0	0	0
27	39	30	16	21	40	7	6	1	0	0	0	0	0	0
28	51	56	30	26	55	11	6	1	1	0	0	0	0	0
29	76	58	33	31	67	28	3	1	0	0	0	0	0	0
30	149	71	75	39	99	21	4	1	1	0	0	0	0	0
31	156	108	76	62	100	27	9	0	0	0	0	0	0	0
32	140	116	102	61	125	30	9	3	0	0	0	0	0	0
33	146	126	110	82	144	39	9	4	0	0	0	0	0	0
34	82	118	98	89	168	62	18	10	0	0	0	0	0	0
35-39	294	295	308	325	1,257	422	112	18	7	1	1	0	0	0
40-44	87	103	127	133	894	855	321	97	27	5	0	0	1	0
45-49	43	43	43	49	399	630	713	257	57	15	8	3	1	0
50-54	17	16	20	19	156	334	569	589	198	65	14	1	1	0
55-59	9	5	4	6	54	111	261	443	380	131	31	8	3	0
60-64	2	1	1	4	21	40	89	165	247	218	53	14	4	0
65-69	0	0	1	2	6	12	27	74	126	144	150	30	15	0
70-74	0	0	0	0	2	7	12	24	32	61	82	55	25	0
75 +	0	1	0	0	0	4	4	8	21	23	56	82	107	0
Not Stated	0	0	0	0	0	0	1	0	0	0	0	0	0	1

Table 32. Reported Male-Female Marriages by Age and Previous Marital Status: Missouri, 2015

Age	Bride				Groom			
	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced
Total	40,651	26,658	1,189	12,722	40,651	26,387	1,141	13,060
15 And Under	16	16	0	0	0	0	0	0
16	36	36	0	0	6	6	0	0
17	114	114	0	0	22	22	0	0
18	648	646	0	1	239	239	0	0
19	945	939	0	4	511	509	0	0
20	1,357	1,336	0	18	838	835	0	3
21	1,607	1,566	1	40	1,157	1,149	0	8
22	1,921	1,844	3	74	1,455	1,432	0	23
23	2,203	2,094	5	101	1,747	1,700	1	44
24	2,283	2,137	0	146	1,924	1,840	1	83
25	2,445	2,257	6	180	2,164	2,056	1	105
26	2,386	2,149	5	230	2,110	1,970	2	137
27	2,100	1,826	2	269	2,096	1,921	3	169
28	1,885	1,536	11	336	1,950	1,714	0	236
29	1,755	1,367	7	379	1,888	1,648	2	237
30	1,547	1,151	9	387	1,784	1,432	2	349
31	1,377	942	12	420	1,572	1,231	9	330
32	1,211	792	10	408	1,386	1,023	6	355
33	1,081	597	9	472	1,268	872	6	388
34	999	508	12	475	1,123	694	7	421
35-39	3,677	1,429	79	2,157	4,303	2,138	30	2,121
40-44	2,671	622	94	1,944	3,071	886	59	2,118
45-49	2,178	342	120	1,707	2,414	482	71	1,857
50-54	1,700	193	157	1,340	2,077	289	121	1,662
55-59	1,099	126	138	831	1,475	155	148	1,168
60-64	663	46	153	462	869	81	137	647
65-69	395	28	150	216	591	46	175	370
70-74	193	12	102	79	302	8	150	143
75 +	157	5	104	46	307	8	209	86
Not Stated	2	2	0	0	2	1	1	0
Median Age at Marriage	29.2	26.2	57.1	40.6	31.2	27.8	63.6	43.7

Table 33. Reported Male-Female Marriages by Previous Marital Status: Missouri, 2015

<u>Bride</u>	Total	<u>Groom</u>			
		Single	Divorced	Widowed	Unknown
Total	40,651	26,387	13,060	1,141	63
Single	26,658	22,313	4,188	132	25
Divorced	12,722	3,863	8,199	653	7
Widowed	1,189	182	651	355	1
Unknown	82	29	22	1	30

Table 34. Reported Male-Female Marriages by Race: Missouri, 2015

<u>Race of Bride</u>	Total	<u>Race of Groom</u>		
		White	Black	Other
Total	40,651	33,150	4,157	2,049
White	33,478	31,632	863	397
Black	3,528	310	3,133	37
Unknown	2,135	452	71	1,608
Other	1,510	756	90	7

Table 35. Reported Marriages by Month of Event: Missouri, 2015

Total	41,377
January	1,638
February	1,808
March	2,325
April	2,820

May	5,144
June	4,821
July	3,735
August	3,710
September	4,914

October	5,450
November	2,513
December	2,499

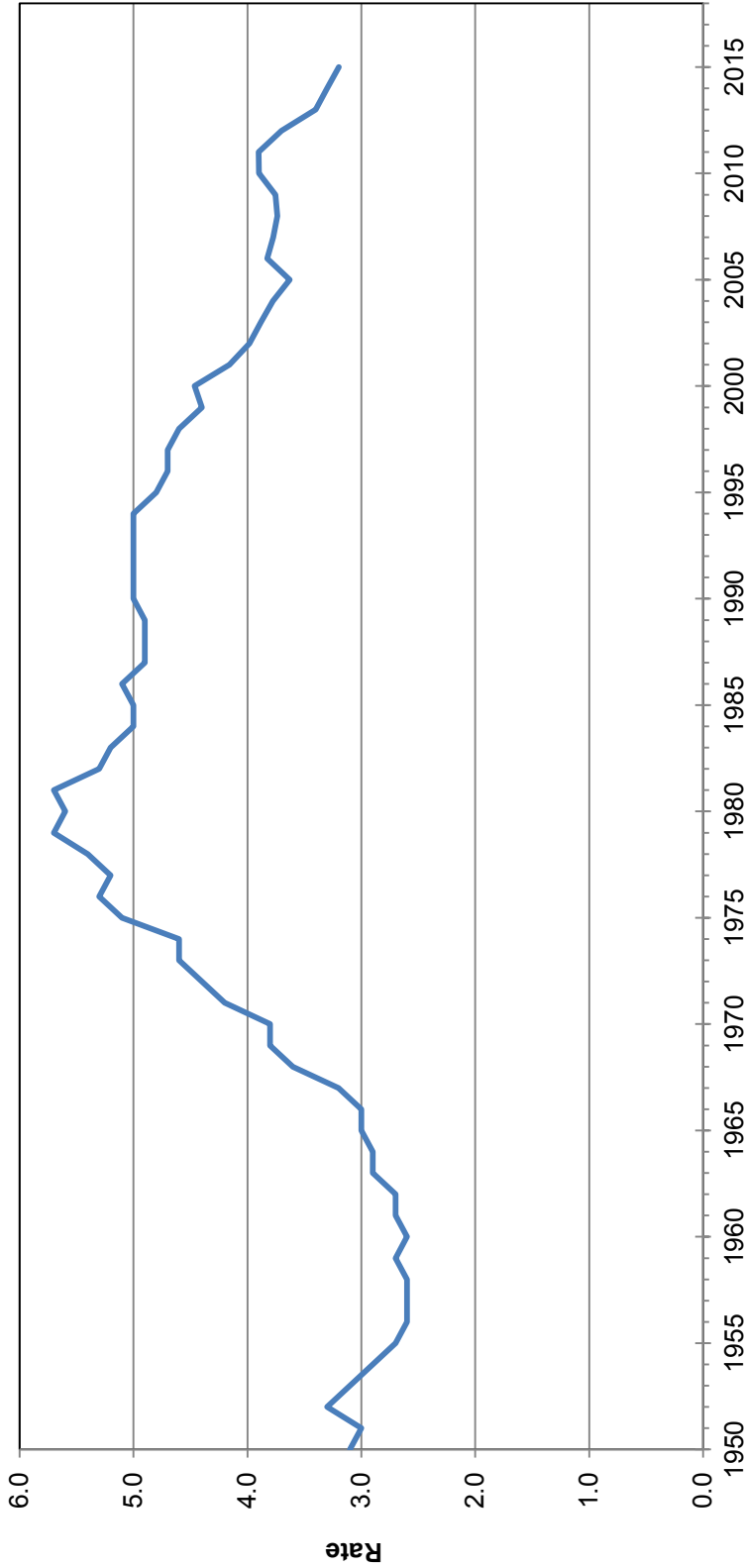
Table 36A. Reported Marriages by County of Recording with Rates per 1,000 Population: Missouri, 2015

Counties	Population	Marriages	Rate	Counties	Population	Marriages	Rate	Counties	Population	Marriages	Rate
State Total	6,083,672	41,377	6.8	Greene	288,072	2,359	8.2	Pemiscot	17,482	99	5.7
Adair	25,378	159	6.3	Grundy	10,097	77	7.6	Perry	19,183	137	7.1
Andrew	17,296	118	6.8	Harrison	8,615	69	8.0	Pettis	42,255	377	8.9
Atchison	5,306	27	5.1	Henry	21,737	138	6.3	Phelps	44,794	357	8.0
Audrain	26,096	141	5.4	Hickory	9,201	39	4.2	Pike	18,348	146	8.0
Barry	35,829	183	5.1	Holt	4,484	36	8.0	Platte	96,096	590	6.1
Barton	11,880	57	4.8	Howard	10,139	38	3.7	Polk	31,229	224	7.2
Bates	16,446	100	6.1	Howell	40,117	366	9.1	Pulaski	53,221	469	8.8
Benton	18,670	92	4.9	Iron	10,125	60	5.9	Putnam	4,858	35	7.2
Bollinger	12,182	65	5.3	Jackson	687,623	5,623	8.2	Ralls	10,196	54	5.3
Boone	174,974	1,205	6.9	Jasper	118,596	920	7.8	Randolph	25,104	182	7.2
Buchanan	89,100	609	6.8	Jefferson	224,124	1,123	5.0	Ray	22,810	137	6.0
Butler	42,951	328	7.6	Johnson	53,951	403	7.5	Reynolds	6,432	30	4.7
Caldwell	9,014	57	6.3	Knox	3,910	19	4.9	Ripley	13,802	98	7.1
Callaway	44,834	198	4.4	Laclede	35,473	305	8.6	Saline	23,258	127	5.5
Camden	44,237	328	7.4	Lafayette	32,701	179	5.5	Schuyler	4,436	21	4.7
Cape Girardeau	78,572	525	6.7	Lawrence	38,180	279	7.3	Scotland	4,854	34	7.0
Carroll	8,992	53	5.9	Lewis	10,207	51	5.0	Scott	39,008	257	6.6
Carter	6,263	43	6.9	Lincoln	54,696	310	5.7	Shannon	8,258	50	6.1
Cass	101,603	577	5.7	Linn	12,308	65	5.3	Shelby	6,128	39	6.4
Cedar	13,934	75	5.4	Livingston	15,028	107	7.1	St. Charles	385,590	2,427	6.3
Chariton	7,589	47	6.2	Macon	15,335	99	6.5	St. Clair	9,440	46	4.9
Christian	83,279	516	6.2	Madison	12,408	75	6.0	St. Francois	66,520	505	7.6
Clark	6,801	60	8.8	Maries	8,963	47	5.2	St. Louis City	315,685	2,675	8.5
Clay	235,637	1,401	5.9	Marion	28,880	247	8.6	St. Louis County	1,003,362	5,986	6.0
Clinton	20,609	95	4.6	McDonald	22,643	163	7.2	Ste. Genevieve	17,919	111	6.2
Cole	76,720	579	7.5	Mercer	3,694	24	6.5	Stoddard	29,862	242	8.1
Cooper	17,642	103	5.8	Miller	25,113	143	5.7	Stone	30,943	156	5.0
Crawford	24,526	181	7.4	Mississippi	14,036	112	8.0	Sullivan	6,353	52	8.2
Dade	7,595	22	2.9	Moniteau	15,963	86	5.4	Taney	54,592	695	12.7
Dallas	16,393	73	4.5	Monroe	8,583	37	4.3	Texas	25,690	143	5.6
Davies	8,253	58	7.0	Montgomery	11,703	54	4.6	Vernon	20,826	155	7.4
DeKalb	12,687	73	5.8	Morgan	20,171	149	7.4	Warren	33,513	212	6.3
Dent	15,593	102	6.5	New Madrid	18,208	86	4.7	Washington	24,788	152	6.1
Douglas	13,373	51	3.8	Newton	58,615	343	5.9	Wayne	13,405	74	5.5
Dunklin	30,895	175	5.7	Nodaway	22,810	149	6.5	Webster	37,483	245	6.5
Franklin	102,426	713	7.0	Oregon	10,953	65	5.9	Worth	2,057	11	5.3
Gasconade	14,858	112	7.5	Osage	13,628	84	6.2	Wright	18,268	106	5.8
Gentry	6,692	35	5.2	Ozark	9,409	56	6.0				

Table 36B. Reported Marriages by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2015

BRFSS Region	Population	Marriages	Rate
State Total	6,083,672	41,377	6.8
Northeast	251,345	1,682	6.7
Northwest	240,243	1,641	6.8
Central	721,165	5,029	7.0
Southeast	575,321	3,859	6.7
Southwest	929,137	6,780	7.3
St. Louis Region	2,143,922	13,627	6.4
Kansas City Region	1,222,539	8,759	7.2
Metro	4,556,441	30,707	6.7
Non-Metro	1,527,231	10,670	7.0

Graph G. Dissolution Rates per 1,000 Population: Missouri, 1950-2015



Year	Dissolutions	Rate	Year	Dissolutions	Rate	Year	Dissolutions	Rate
1950	12,177	3.1	1985	24,990	5.0	2012	22,553	3.7
1955	11,351	2.7	1990	25,701	5.0	2013	20,684	3.4
1960	11,320	2.6	1995	25,733	4.8	2014	19,877	3.3
1965	13,261	3.0	2000	24,980	4.5	2015	19,330	3.2
1970	17,852	3.8	2005	21,013	3.6			
1975	24,527	5.1	2010	23,349	3.9			
1980	27,595	5.6	2011	23,272	3.9			

Table 37. Reported Marriage Dissolution Decrees by Month and by Type of Decree: Missouri, 2015

	Total Decrees	Dissolutions	Legal Separations	Annulments
State Total	19,420	19,284	90	46
January	1,479	1,469	5	5
February	1,385	1,372	7	6
March	1,683	1,667	11	5
April	1,802	1,792	5	5
May	1,591	1,583	5	3
June	1,784	1,774	7	3
July	1,778	1,769	6	3
August	1,542	1,531	7	4
September	1,573	1,561	7	5
October	1,628	1,618	6	4
November	1,430	1,417	10	3
December	1,745	1,731	14	0

Table 38. Reported Dissolutions and Annulments of Marriage by Number of Previous Marriages: Missouri, 2015

<u>Husband</u>	Total	<u>Wife</u>						
		None	One	Two	Three	Four	Five Or More	Unknown
State	19,330	10,905	4,172	1,375	407	143	73	2,255
None	11,088	8,955	1,610	327	73	19	10	94
One	4,158	1,538	1,724	562	161	63	22	88
Two	1,343	278	550	328	98	32	21	36
Three	374	49	162	87	50	12	8	6
Four	95	16	28	24	11	11	3	2
Five Or	45	3	14	14	5	2	5	2
Unknown	2,227	66	84	33	9	4	4	2,027

Table 39. Reported Dissolutions and Annulments of Marriage by Duration of Marriage and Number of Children Affected: Missouri, 2015

Duration	Total	Children Affected							
		No Children	One	Two	Three	Four	Five	Six Or More	Unknown
State Total	19,330	9,968	4,053	3,502	1,248	289	76	20	174
Under 1 Year	454	384	37	20	6	0	0	0	7
1 Year	1,084	851	148	50	14	2	1	1	17
2 Years	1,266	860	269	98	22	6	1	1	9
3 Years	1,346	820	334	146	25	6	2	1	12
4 Years	1,333	744	334	197	39	8	1	0	10
5 Years	1,212	630	310	186	62	12	1	0	11
6 Years	1,105	522	275	221	58	12	6	0	11
7 Years	1,005	434	235	227	77	20	3	0	9
8-9 Years	1,810	710	421	463	152	41	11	0	12
10-12 Years	2,027	765	403	579	204	45	13	2	16
13-15 Years	1,661	587	327	457	220	47	10	3	10
16-19 Years	1,588	499	354	443	209	53	17	5	8
20-24 Years	1,366	587	320	285	117	29	4	5	19
25-29 Years	828	566	157	73	18	4	2	1	7
30-34 Years	472	400	57	10	2	0	1	0	2
35-39 Years	250	240	5	1	1	0	1	1	1
40 Years and Longer	188	184	4	0	0	0	0	0	0
Unknown	335	185	63	46	22	4	2	0	13

Table 40. Reported Dissolutions and Annulments of Marriage by Race of Wife by Race of Husband: Missouri, 2015

	Wife	Total	Husband		
			White	Black	Other
State Total	19,330	14,828	1,746	280	2,476
White	14,955	14,314	305	132	204
Black	1,516	107	1,361	9	39
Other	328	159	27	133	9
Unknown	2,531	248	53	6	2,224

Table 41. Reported Dissolutions and Annulments of Marriage by Petitioner by Disposition of Children and by Child Support Awarded: Missouri, 2015

Petitioner	Total	Custody Given To:					
		Husband	Wife	Joint	Other	No Children	Unknown
State	19,330	430	2,302	6,026	145	10,398	29
Husband	7,128	359	359	2,253	66	4,080	11
Wife	11,542	65	1,883	3,611	71	5,895	17
Joint	191	1	15	63	3	109	0
Other	13	0	3	3	0	7	0
Unknown	456	5	42	96	5	307	1

Petitioner	Total	Child Support Awarded To:					
		Husband	Wife	No Support	Other	Unknown	No Child
State	19,330	457	5,468	2,904	16	87	10,398
Husband	7,128	310	1,475	1,228	5	30	4,080
Wife	11,542	134	3,857	1,591	10	55	5,895
Joint	191	0	43	38	0	1	109
Other	13	0	5	1	0	0	7
Unknown	456	13	88	46	1	1	307

Table 42. Reported Dissolutions and Annulments of Marriage by Age of Wife by Age of Husband: Missouri, 2015

Age of Wife	Total	Age of Husband										
		Less Than 20	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65 +	Unknown	
Total	19,330	21	738	2,082	2,931	2,999	2,812	4,372	2,211	750	414	
Less	61	5	43	5	1	2	0	3	0	1	1	
20-24	1,189	7	555	456	96	26	16	9	0	1	23	
25-29	2,611	3	98	1,209	903	243	72	39	9	5	30	
30-34	3,191	0	22	259	1,404	935	333	150	32	4	52	
35-39	2,996	2	7	68	298	1,268	857	392	55	9	40	
40-44	2,556	1	1	18	109	312	1,001	977	89	9	39	
45-54	3,940	3	1	9	29	114	411	2,320	898	90	65	
55-64	1,658	0	0	2	6	9	33	334	967	283	24	
65 +	448	0	1	4	2	5	5	23	85	311	12	
Unknown	680	0	10	52	83	85	84	125	76	37	128	

Table 43A. Reported Dissolutions and Annulments by County of Recording with Rates per 1,000 Population: Missouri, 2015

Counties	Population	Decrees	Rate
State Total	6,083,672	19,330	3.2
Adair	25,378	52	2.0
Andrew	17,296	234	13.5
Atchison	5,306	11	2.1
Audrain	26,096	86	3.3
Barry	35,829	21	0.6
Barton	11,880	21	1.8
Bates	16,446	48	2.9
Benton	18,670	63	3.4
Bollinger	12,182	42	3.4
Boone	174,974	497	2.8
Buchanan	89,100	97	1.1
Butler	42,951	248	5.8
Caldwell	9,014	22	2.4
Callaway	44,834	140	3.1
Camden	44,237	101	2.3
Cape Girardeau	78,572	307	3.9
Carroll	8,992	27	3.0
Carter	6,263	25	4.0
Cass	101,603	212	2.1
Cedar	13,934	47	3.4
Chariton	7,589	17	2.2
Christian	83,279	334	4.0
Clark	6,801	6	0.9
Clay	235,637	807	3.4
Clinton	20,609	44	2.1
Cole	76,720	109	1.4
Cooper	17,642	32	1.8
Crawford	24,526	95	3.9
Dade	7,595	22	2.9
Dallas	16,393	58	3.5
Davies	8,253	22	2.7
DeKalb	12,687	23	1.8
Dent	15,593	96	6.2
Douglas	13,373	52	3.9
Dunklin	30,895	172	5.6
Franklin	102,426	378	3.7
Gasconade	14,858	50	3.4
Gentry	6,692	57	8.5

Counties	Population	Decrees	Rate
Greene	288,072	1,222	4.2
Grundy	10,097	38	3.8
Harrison	8,615	57	6.6
Henry	21,737	74	3.4
Hickory	9,201	24	2.6
Holt	4,484	11	2.5
Howard	10,139	37	3.6
Howell	40,117	229	5.7
Iron	10,125	40	4.0
Jackson	687,623	1,957	2.8
Jasper	118,596	523	4.4
Jefferson	224,124	647	2.9
Johnson	53,951	203	3.8
Knox	3,910	13	3.3
Laclede	35,473	175	4.9
Lafayette	32,701	115	3.5
Lawrence	38,180	95	2.5
Lewis	10,207	19	1.9
Lincoln	54,696	150	2.7
Linn	12,308	28	2.3
Livingston	15,028	64	4.3
Macon	15,335	56	3.7
Madison	12,408	75	6.0
Maries	8,963	33	3.7
Marion	28,880	111	3.8
McDonald	22,643	46	2.0
Mercer	3,694	14	3.8
Miller	25,113	97	3.9
Mississippi	14,036	60	4.3
Moniteau	15,963	57	3.6
Monroe	8,583	25	2.9
Montgomery	11,703	51	4.4
Morgan	20,171	54	2.7
New Madrid	18,208	70	3.8
Newton	58,615	198	3.4
Nodaway	22,810	51	2.2
Oregon	10,953	29	2.6
Osage	13,628	41	3.0
Ozark	9,409	40	4.3

Counties	Population	Decrees	Rate
Pemiscot	17,482	67	3.8
Perry	19,183	67	3.5
Pettis	42,255	176	4.2
Phelps	44,794	174	3.9
Pike	18,348	53	2.9
Platte	96,096	319	3.3
Polk	31,229	111	3.6
Pulaski	53,221	206	3.9
Putnam	4,858	13	2.7
Ralls	10,196	37	3.6
Randolph	25,104	113	4.5
Ray	22,810	81	3.6
Reynolds	6,432	18	2.8
Ripley	13,802	71	5.1
Saline	23,258	60	2.6
Schuyler	4,436	19	4.3
Scotland	4,854	8	1.6
Scott	39,008	219	5.6
Shannon	8,258	24	2.9
Shelby	6,128	28	4.6
St. Charles	385,590	1,289	3.3
St. Clair	9,440	37	3.9
St. Francois	66,520	305	4.6
St. Louis City	315,685	611	1.9
St. Louis County	1,003,362	2,436	2.4
Ste. Genevieve	17,919	45	2.5
Stoddard	29,862	163	5.5
Stone	30,943	117	3.8
Sullivan	6,353	25	3.9
Taney	54,592	221	4.0
Texas	25,690	61	2.4
Vernon	20,826	61	2.9
Warren	33,513	69	2.1
Washington	24,788	97	3.9
Wayne	13,405	58	4.3
Webster	37,483	108	2.9
Worth	2,057	173	84.1
Wright	18,268	86	4.7

Table 43B. Reported Dissolutions and Annulments by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2015

BRFSS Region	Population	Decrees Recorded	Rate
TOTAL	6,083,672	19,330	3.2
NORTHEAST	251,345	799	3.2
NORTHWEST	240,243	966	4.0
CENTRAL	721,165	2,309	3.2
SOUTHEAST	575,321	2,573	4.5
SOUTHWEST	929,137	3,403	3.7
ST. LOUIS REGION	2,143,922	5,675	2.6
KANSAS CITY REGION	1,222,539	3,605	2.9
METRO	4,556,441	13,443	3.0
NON-METRO	1,527,231	5,887	3.9

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 2015 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 Illinois for 1988-2015. 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 31 through 43) report events that occurred in Missouri, regardless of the residence of the parties involved.

The data within this report represent the 2015 calendar year of events. Live births were accepted through February 15, 2016, death and fetal death records through April 15, 2016, and marriages, dissolutions and abortions through April 1, 2016.

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

POPULATION

All Missouri county and city population estimates for 2015 were developed by the United States Census Bureau (Vintage 2015). 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). State total population estimates for 2011-2015 came from the US Census Bureau (Vintage 2015).

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, and the 2003 US Standard Report of Fetal Death. 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 2015 Missouri resident data showed that 2.9 percent of births were to mothers of multiple races and 0.3 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 2015 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 6.3 percent less than white births (pre-2010 method). The 2010 method resulted in 8.0 percent fewer black, non-Hispanic births than black births using the pre-2010 method. The low birth weight rate for white, non-Hispanics of 7.2 percent was exactly the same as the white rate. The low birth weight rate for black, non-Hispanics was 14.8 percent compared to 14.5 percent for black births using the pre-2010 method. The overall black to white ratio for low birth weight was 2.02 using the pre-2010 method compared with 2.05 using the new 2010 method.

Appendix Table A
Effects of Changes in Racial Classification Methods on 2015 Low Birth Weight
(less than 5.5 lbs) Rates by Race

Pre-2010 Definition (single race* selected)

<u>Mother's Race</u>	<u>Live Births</u>	<u>LBW</u>	<u>LBW Rate</u>	<u>Black/White Ratio</u>
White	59,662	4,292	7.2	
Black	11,505	1,673	14.5	2.02
Other and Multiple	3,622	286	7.9	
Unknown race	259	19	7.3	
Total	75,042	6,270	8.4	

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	55,927	4,032	7.2	
Black, Non-Hispanic	10,586	1,568	14.8	2.05
Hispanic, any Race	4,040	290	7.2	
Other and Multiple	4,425	379	8.6	
Unknown race	64	1	1.6	
Total (includes unknown race)	75,042	6,270	8.4	

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

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

Users of the MDHSS MOPHIMS/MICA query tools (<https://webapp01.dhss.mo.gov/MOPHIMS/MICAHome>) should note that the above changes are not 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 decreases from 2.35 using the single-race method (Death MICA) to 2.33 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 7.9 percent using the single-race method to 8.6 percent using the multiple-race method. The birth denominator count for this classification was similar using both methods, but the individual mothers within each group were very different. The single-race method includes a large proportion of Hispanics as "other/multiple race", while the multiple-race method includes mothers with multiple declared races instead. (See Appendix Table A above.)

"RESIDENT" AND "RECORDED" EVENTS

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

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

Resident and recorded figures are independent of each other and should neither be added to nor subtracted from the other. Thus, the number of events occurring or not occurring in the same geographic area where the people reside cannot be simply calculated from resident and recorded data. Each table indicates whether the analysis is for resident or recorded data.

GEOCODING

Beginning with 2008 data, MDHSS uses a computerized geocoding package (Address Broker) to improve the accuracy of residence address information on Missouri resident birth and death records for the entire state. If the record's address, including resident county, city, and zip code, matches well with available address data, the software over-writes the existing values on the record and also adds latitude, longitude, and Census tract. If no match is available or the best match is not accurate enough, address information is left as reported, and latitude, longitude, and Census tract are not added.

From 2000 through 2007, only the following metropolitan counties were geocoded: Buchanan, Cass, Clay, Greene, Jackson, Jefferson, Platte, Ray, St. Charles, St. Louis County, and St. Louis City.

REGIONS

Beginning with the 2010 report, Missouri Regional Planning Commission areas were replaced with Behavioral Risk Factor Surveillance System (BRFSS) regions. This change was made to support and enhance MDHSS BRFSS survey data. More information on BRFSS, along with public access

data, can be found at: <http://health.mo.gov/data/brfss/BRFSSRegionsMap.pdf>. 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.)

UNKNOWNNS 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 2015 records with unknown county of residence by system is as follows:

Live Births.....	0
Fetal Deaths.....	0
Deaths.....	1
Abortions.....	89

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 county of mother’s or decedent’s residence 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 (Table 5A, Table 10)” 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 Information 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 “Date of First Prenatal Visit and Adequacy of Prenatal Care (Table 10)” 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 because of no longer updating motor vehicle accidental deaths with added information from the Highway Patrol beginning in 2010. This resulted in less specific ICD-10 codes and the need to expand the codes for car and truck accidents and reduce the codes for Public Transport: Other/Unspecified. (See “Accidental Death Table (Table 27)” below for details.).

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 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 VARIOUS RATE INDICATORS

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

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

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

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

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

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

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

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

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

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

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

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

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
 Σ indicates that the results for the eleven age groups are summed.

The eleven age groups used for age-adjustment are as follows: Under 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, and 85+.

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

This report uses the 2000 US population as the standard. In the 1991 to 1998 annual vital statistics reports, the 1940 US standard population was used. This makes comparisons of age-adjusted death rates with annual vital statistics reports before 1999 inappropriate. The standard population was changed to United States 2000 to be comparable with national age-adjusted death rates published by NCHS. The 1940 distribution was considered out-of-date at that time since it was representative of a younger population. For a more detailed discussion of this topic, see “Age Standardization of Death Rates: Implementation of the Year 2000 Standard.” National Vital Statistics Reports, Vol. 47, No. 3 at: http://www.cdc.gov/nchs/data/nvsr/nvsr47/nvs47_03.pdf

GESTATIONAL AGE CHANGE in 2014

Beginning in 2014, Missouri adopted a new standard of estimating gestational age as recommended by NCHS (see http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64_05.pdf). The new measure is the obstetric estimate of gestation at delivery, replacing the formerly-used method of calculating the period between the date of last normal menses (DLNM) and the date of birth. The new method is considered more accurate according to various studies documented in the NCHS article. This change primarily affects the rate of births less than 37 weeks gestation presented in Table 10. It tends to increase the gestational age and thus reduce the rate of births less than 37 weeks substantially. The change also has a relatively slight effect on other indicators that use gestational age, including inadequate prenatal care and weight gain during full-term pregnancy. See Appendix Table B for a comparison of these indicators using the two methods of estimating gestation for 2010-2015.

Appendix Table B
Resident Rates per 100 Live Births for Four Gestational Age Indicators,
Obstetric Estimate vs. DLNM: Missouri 2010-2015

Less Than 37 weeks	Weight Gain < 15 lbs	Weight Gain 45 + lbs	Inadequate Prenatal Care
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	Obstetric		Obstetric		Obstetric		Obstetric	
	Estimate	DLNM	Estimate	DLNM	Estimate	DLNM	Estimate	DLNM
2010	10.0	12.3	11.4	11.4	19.9	19.9	17.0	16.8
2011	9.6	11.8	11.1	11.1	20.4	20.4	17.9	17.8
2012	9.9	11.8	11.5	11.4	20.8	20.7	18.5	18.4
2013	9.6	11.5	11.4	11.3	21.3	21.3	18.7	18.6
2014	9.8	11.9	11.6	11.5	21.6	21.6	20.2	20.0
2015	10.0	12.0	12.1	12.1	21.0	21.0	19.4	19.3

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, and 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 indicated only 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 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 8 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; CPM (added in 2014): Certified Professional Midwife; Other Midwife: includes other non-certified midwives. Attendant is presented in Table 5A.

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 more 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 completed weeks of gestation, or has a delivery weight of 350 grams or more.

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. (See GESTATIONAL AGE CHANGE in 2014 earlier in APPENDIX for more Information).

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 was unknown, then these records were included. (This is referred to as the Missouri Index of Adequacy of Prenatal Care Utilization.)

Infant Death – Live born infant dying during the first year of life.

Infant Transfer – Live born 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, whether while pregnant, during delivery, or up to a year after delivery, 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 live born infant 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)(Table 5A).

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 (Table 11).

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.)

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 chain of morbid events leading directly to death or the circumstances of the accident or violence that produced the fatal injury.

The causes of death presented here are classified in accordance with the Tenth Revision of the International Classification of Diseases (ICD-10), World Health Organization. This revision is used

to classify deaths occurring in the United States on or after January 1, 1999. For a general measure of the extent of the changes between the ninth and tenth revisions, consult https://www.cdc.gov/nchs/data/nvsr/nvsr49/nvsr49_02.pdf. 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. The twenty rankable and seventeen other 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 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
(Note that in 2010-2012 reports, SIDS deaths were included in All other diseases)	
All other diseases.....	Residual of A00-R99
*Unintentional injuries	V01-X59, Y85-Y86
Motor vehicle crashes ..V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2	
Falls.....	W00-W19
Accidental poisoning by and exposure to noxious substances.....	X40-X49
Other unintentional injuries.....	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, W20-X39, X50-X59, Y85-Y86
*Suicide.....	X60-X84, Y87.0
*Homicide.....	X85-Y09, Y87.1
All other external causes: events of undetermined intent, legal intervention, complications of medical care, and late effects of injuries	Y10-Y36, Y40-Y84, Y87.2, Y88-Y89

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

Cause	ICD-10 Code
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

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 are 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. Deaths due to unintentional injury where the injury occurred 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 totalV01-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 transportResidual 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 4th-digit place code of 0

Public non-transport total W00-X59 with 4th-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 accidentResidual 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

TOBACCO USAGE AND MORTALITY DATA (Table 28)

Beginning in 2010, the death certificate includes 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 different from the “Smoking-Attributable” death estimates, which are calculated by applying likelihood percentages to all deaths with specified ICD-10 underlying cause codes based on the extent to which smoking increases the risk of dying from those particular diseases. Missouri smoking-attributable death estimates are published in the ‘Death - Leading Cause’ Community Data Profile available online at: <http://health.mo.gov/data/CommunityDataProfiles/index.html>.

NEW DEATH TABLE IN 2013 (Table 29)

In 2013, a new death table was added entitled Resident Deaths by Selected Characteristics by Sex. It includes death variables that are not reported in other tables such as certifier, death place, month of death, disposition of body, marital status, education of deceased, and whether autopsy performed.

ABRIDGED LIFE TABLES (Table 30)

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 2014 tables do not represent the life expectancy of an actual cohort of all Missourians born in a particular year and followed throughout their lifetime. Rather, the current life table considers a hypothetical cohort and assumes it is subject to the age-specific mortality rates existing for a given year. This means the population figures listed in these tables are not actual population counts for Missouri. Instead, they are only theoretical. The figures are only useable for calculating age-specific life expectancy.

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

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

REVISED MARRIAGE TABLES 31-36

In June 2015, the United States Supreme Court ruled that same-sex couples had a right to marry, and Missouri began recording these marriages after this ruling. However, not all counties had the ability to report them throughout the rest of the year. Missouri reported 726 same-sex marriages in 2015 and these are included in the state total marriages, but because of the incompleteness of this data, Tables 31 to 36B do not break this data out into more detail. Tables 31-34 present data for male-female marriages only in order to be comparable to past years' data.