



Missouri

Vital Statistics

2023



MISSOURI DEPARTMENT OF
**HEALTH &
SENIOR SERVICES**

Health Care Analysis &
Data Dissemination

**MISSOURI
VITAL STATISTICS
2023**

MISSOURI DEPARTMENT OF HEALTH & SENIOR SERVICES

DIVISION OF COMMUNITY AND PUBLIC HEALTH
BUREAU OF HEALTH CARE ANALYSIS AND DATA DISSEMINATION

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PREFACE

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. 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.

Vital records and vital statistics impact our lives every day. 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 people healthy, and they influence our personal health care.

This report presents the final tabulation of statistical data relating to vital events in Missouri during 2023. Live births were accepted through February 22, 2024, death, fetal death, and abortion records through April 15, 2024, dissolutions and marriages through June 24, 2024.

Missouri Vital Statistics 2023 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 www.health.mo.gov under “Data and Statistics.”

In 2023, total Missouri deaths decreased by 7.4% from 71,776 to 66,470, and COVID deaths decreased 75% from 4,316 to 1,106 as the COVID pandemic wound down. COVID deaths dropped from the fourth leading cause in 2022 to the tenth overall. Live births decreased from 68,954 to 67,065, the lowest birth count since 1945. However, with the sharper decrease in deaths than births, Missouri resident births outnumbered deaths, resulting in a natural increase for the first time since the pre-pandemic year of 2019.

For a complete printer friendly version:

<https://health.mo.gov/data/vitalstatistics/mvs23/2023MissouriVitalStatistics.pdf>

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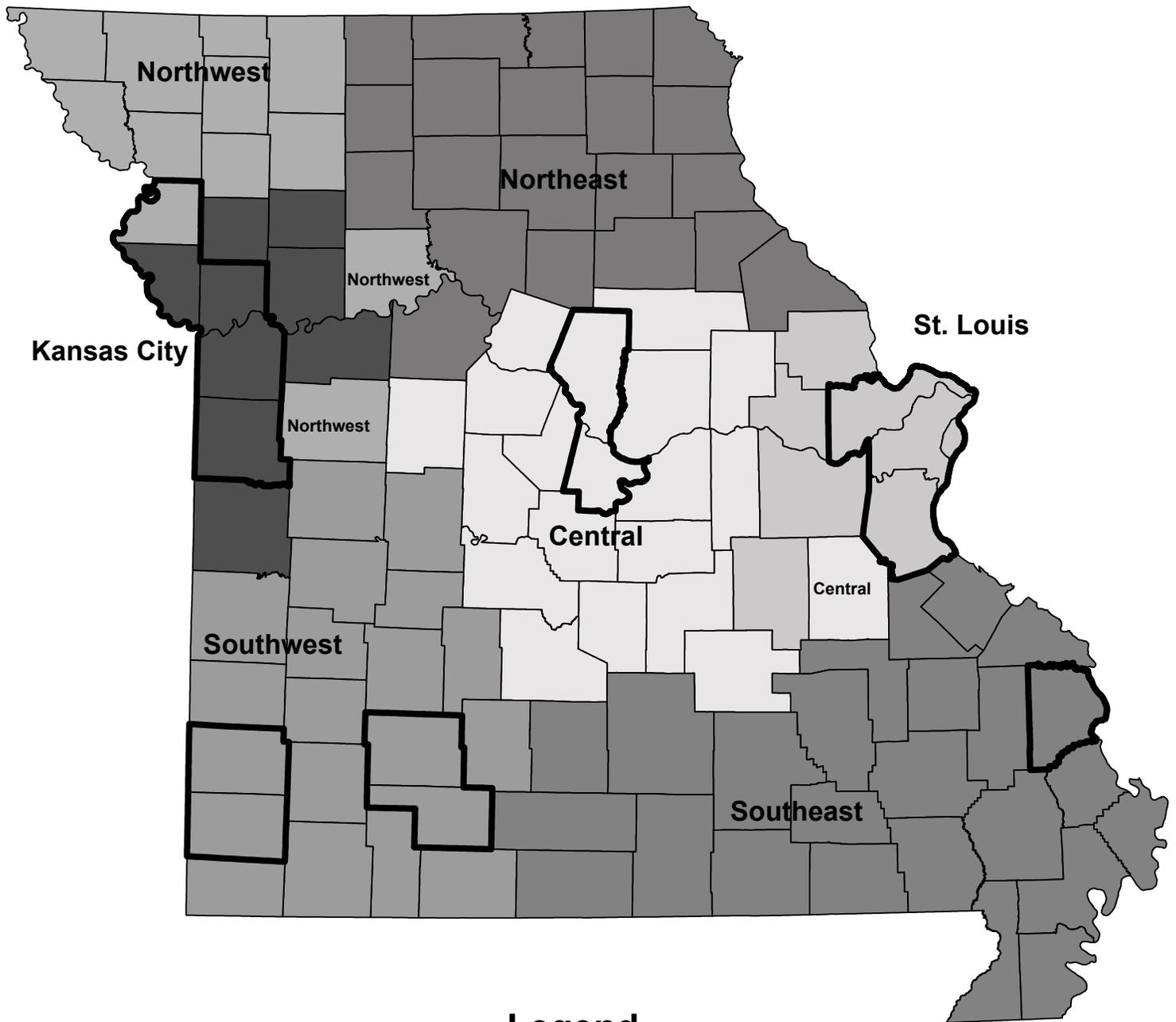
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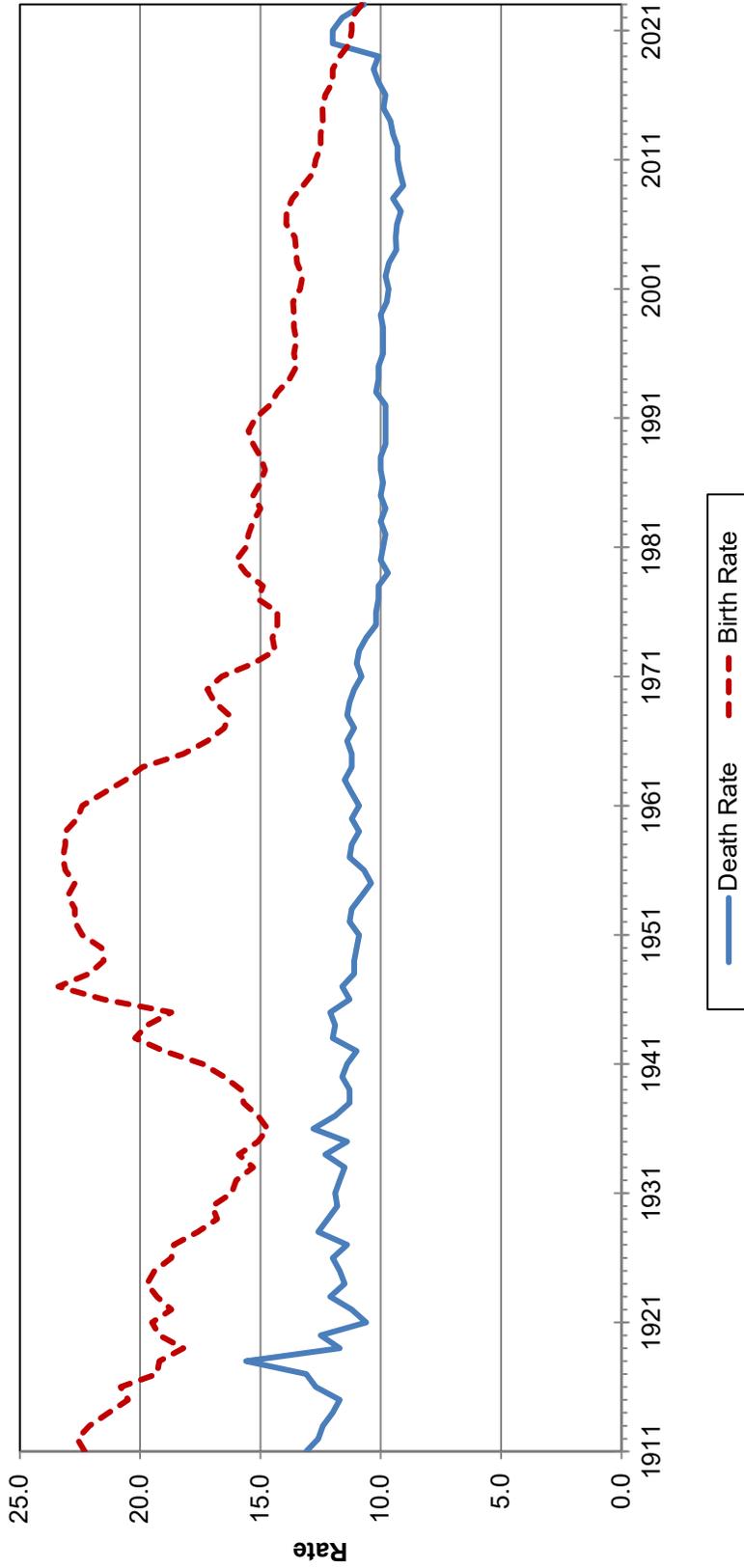
Behavioral Risk Factor Surveillance System (BRFSS) Regions



Legend



Graph A. Live Birth and Death Rates per 1,000 Population: Missouri, 1911-2023*



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	2005	13.6	9.4
1940	16.5	11.6	1975	14.3	10.2	2010	12.8	9.2
						2015	12.4	9.9
						2018	12.0	10.3
						2019	11.7	10.1
						2020	11.3	12.0
						2021	11.2	12.0
						2022	11.2	11.6
						2023	10.8	10.7

*1911-1944 recorded events 1945-2023 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.

Note: Only recorded births and deaths are shown because resident data was not available before 1945.

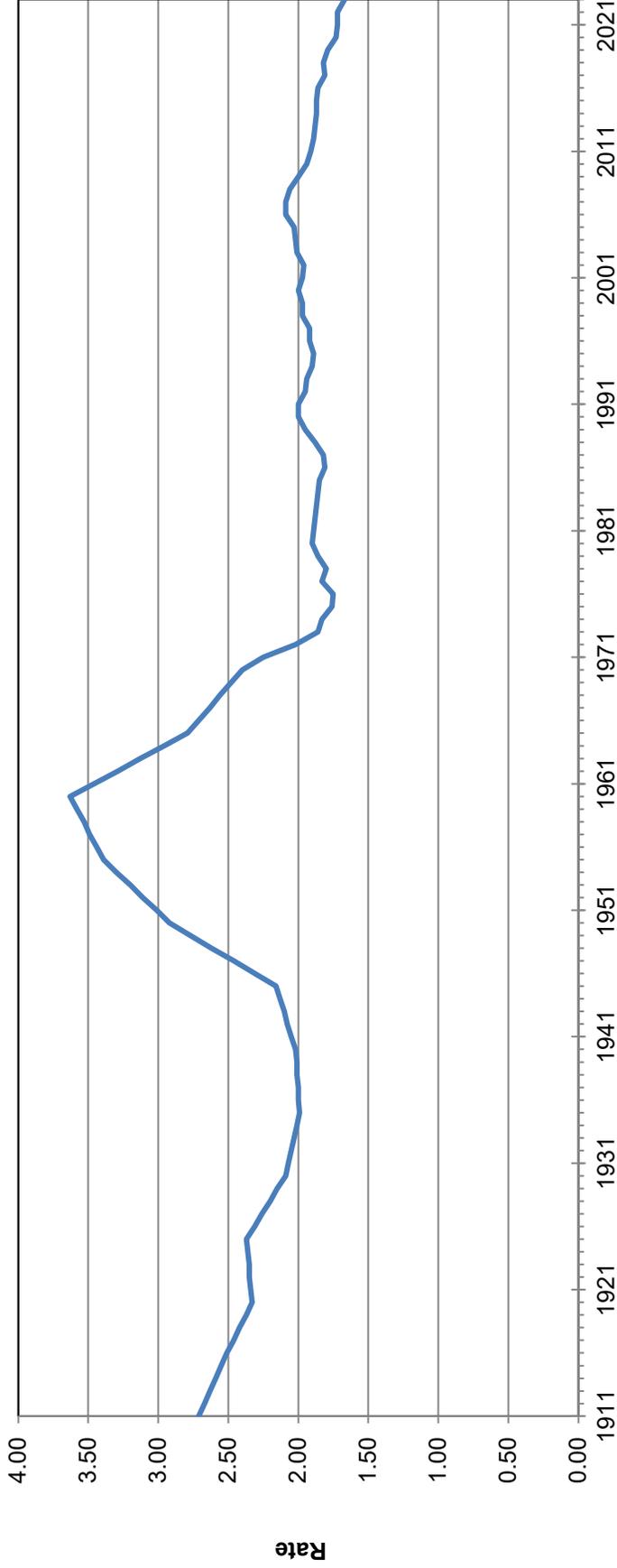
Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2023

Year	Estimated Mid-Year Population (Thousands)	Recorded			Resident			Natural Increase			
		Births	Deaths		Births	Deaths					
		Number	Rate	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	12.1
1946	3,746	82,901	22.1	42,640	11.4	80,698	21.5	42,377	11.3	38,321	11.3
1947	3,845	92,369	24.0	44,762	11.6	89,902	23.4	44,474	11.6	45,428	11.6
1948	3,844	87,005	22.6	42,921	11.2	85,096	22.1	42,753	11.1	42,342	11.1
1949	3,955	87,372	22.1	43,995	11.1	85,206	21.5	43,708	11.1	41,498	11.1
1950	3,964	87,948	22.2	43,962	11.1	85,704	21.6	43,714	11.0	41,990	11.0
1951	4,015	92,664	23.1	44,318	11.0	89,977	22.4	44,051	10.9	45,926	10.9
1952	3,972	92,931	23.4	45,245	11.4	90,118	22.7	45,051	11.3	45,067	11.3
1953	4,020	94,419	23.5	45,686	11.4	91,447	22.7	45,148	11.2	46,299	11.2
1954	4,066	97,278	23.9	44,404	10.9	93,453	23.0	43,835	10.8	49,618	10.8
1955	4,134	97,591	23.6	43,531	10.5	93,797	22.7	43,000	10.4	50,797	10.4
1956	4,163	100,163	24.1	45,003	10.8	96,099	23.1	44,458	10.7	51,641	10.7
1957	4,189	101,287	24.2	47,784	11.4	97,161	23.2	47,333	11.3	49,828	11.3
1958	4,186	100,729	24.1	47,338	11.3	96,721	23.1	46,729	11.2	49,992	11.2
1959	4,258	102,461	24.1	47,099	11.1	98,537	23.1	46,465	10.9	52,072	10.9
1960	4,326	101,778	23.5	48,955	11.3	97,723	22.6	48,287	11.2	49,436	11.2
1961	4,349	101,462	23.3	47,933	11.0	97,321	22.4	47,303	10.9	50,018	10.9
1962	4,357	97,658	22.4	49,685	11.4	93,879	21.5	49,016	11.2	44,863	11.2
1963	4,392	93,545	21.3	51,159	11.6	90,363	20.6	50,538	11.5	39,825	11.5
1964	4,442	90,918	20.5	50,271	11.3	88,335	19.9	49,617	11.2	38,718	11.2
1965	4,467	84,162	18.8	51,101	11.4	81,216	18.2	50,249	11.2	30,967	11.2
1966	4,523	80,750	17.9	52,476	11.6	77,946	17.2	51,581	11.4	26,365	11.4
1967	4,539	77,940	17.2	51,245	11.3	74,823	16.5	50,544	11.1	24,279	11.1
1968	4,568	77,028	16.9	52,834	11.6	74,304	16.3	52,019	11.4	22,285	11.4
1969	4,640	81,313	17.5	53,172	11.5	78,396	16.9	52,314	11.3	26,082	11.3
1970	4,680	83,787	17.9	52,592	11.2	80,707	17.2	51,743	11.1	28,964	11.1
1971	4,723	81,409	17.2	51,810	11.0	78,375	16.6	50,811	10.8	27,564	10.8
1972	4,753	75,127	15.8	53,249	11.2	72,597	15.3	52,287	11.0	20,310	11.0
1973	4,775	70,808	14.8	53,003	11.1	68,605	14.4	51,812	10.9	16,793	10.9
1974	4,785	71,875	15.0	51,656	10.8	69,412	14.5	50,504	10.6	18,908	10.6
1975	4,795	70,786	14.8	49,986	10.4	68,442	14.3	48,984	10.2	19,458	10.2
1976	4,824	71,319	14.8	50,074	10.4	68,781	14.3	49,008	10.2	19,773	10.2
1977	4,845	75,689	15.6	49,839	10.3	72,957	15.1	48,761	10.1	24,196	10.1
1978	4,871	75,283	15.5	50,439	10.4	72,654	14.9	49,207	10.1	23,447	10.1
1979	4,889	78,562	16.1	48,946	10.0	76,056	15.6	47,656	9.7	28,400	9.7
1980	4,917	80,770	16.4	50,504	10.3	78,588	16.0	49,334	10.0	29,254	10.0
1981	4,932	78,538	15.9	49,780	10.1	76,758	15.6	48,645	9.9	28,113	9.9
1982	4,930	78,334	15.9	49,145	10.0	76,648	15.5	48,126	9.8	28,522	9.8
1983	4,944	77,061	15.6	50,540	10.2	75,505	15.3	49,381	10.0	26,124	10.0
1984	4,976	76,293	15.3	50,232	10.1	74,422	15.0	48,890	9.8	25,532	9.8

Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2023

Year	Estimated Mid-Year Population (Thousands)	Recorded						Resident					
		Births			Deaths			Births			Deaths		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
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	6,026	76,411	12.7	58,117	9.6	75,400	12.5	55,783	9.3	19,617			
2013	6,043	76,390	12.6	59,456	9.8	75,244	12.5	57,256	9.5	17,988			
2014	6,059	76,725	12.7	60,297	10.0	75,104	12.4	58,141	9.6	16,963			
2015	6,075	76,169	12.5	61,995	10.2	75,042	12.4	59,810	9.9	15,232			
2016	6,091	75,863	12.5	61,888	10.2	74,664	12.3	59,824	9.8	14,840			
2017	6,111	73,868	12.1	64,202	10.5	73,017	12.0	61,866	10.1	11,151			
2018	6,126	74,099	12.1	65,507	10.7	73,281	12.0	63,110	10.3	10,171			
2019	6,140	72,912	11.9	64,777	10.6	72,103	11.7	62,155	10.1	9,948			
2020	6,155	69,957	11.4	76,268	12.4	69,277	11.3	73,883	12.0	-4,606			
2021	6,170	70,183	11.4	76,510	12.4	69,269	11.2	73,831	12.0	-4,562			
2022	6,177	69,390	11.2	73,938	12.0	68,954	11.2	71,776	11.6	-2,822			
2023	6,196	67,444	10.9	68,841	11.1	67,065	10.8	66,470	10.7	595			

Graph B. Total Fertility Rates: Missouri, 1911-2023

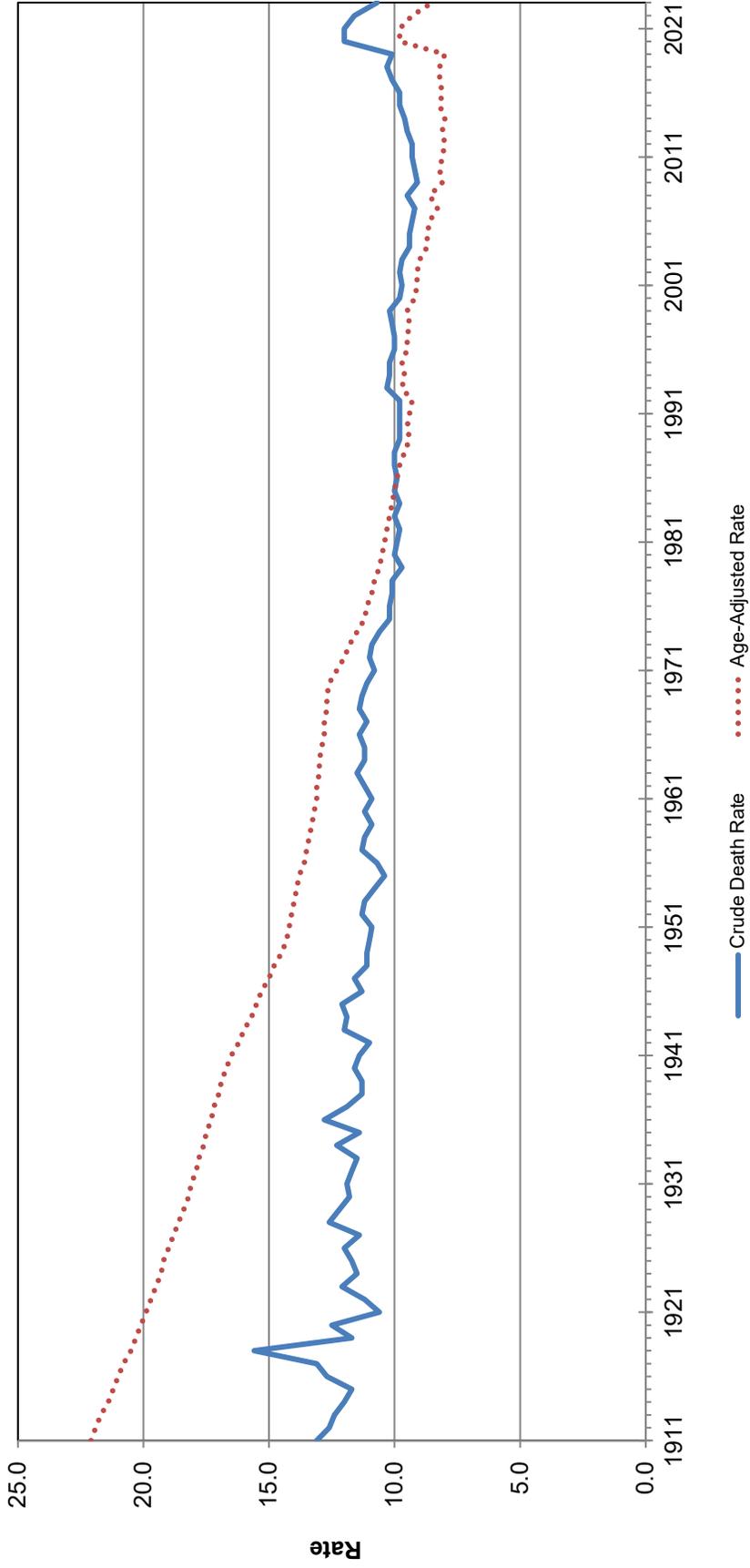


Year	Total Fertility Rate	Year	Total Fertility Rate	Year	Total Fertility Rate
1911	2.71	1945	2.16	1980	1.90
1915	2.55	1950	2.92	1985	1.85
1920	2.33	1955	3.39	1990	2.00
1925	2.37	1960	3.63	1995	1.89
1930	2.09	1965	2.79	2000	2.00
1935	1.99	1970	2.40	2005	2.03
1940	2.02	1975	1.76	2010	1.94
				2015	1.87
				2018	1.82
				2019	1.79
				2020	1.73
				2021	1.72
				2022	1.72
				2023	1.67

Table 3. Fertility Rates per 1,000 Females by Age of Mother: Missouri, 1911-2023

Year	General Fertility Rate	Age of Mother																																			
		Under 15	15-19					20-24					25-29					30-34					35-39					40-44					45+				
			Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	20-24	25-29	30-34	35-39	40-44	45+	20-24	25-29	30-34	35-39	40-44	45+	20-24	25-29	30-34	35-39	40-44	45+	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	45.0	8.8	0.5																							
1915	88.8	0.3	50.4	---	---	---	136.4	126.2	97.5	67.7	27.7	30.1	4.6	0.2																							
1920	80.6	0.4	49.6	---	---	---	129.3	113.3	85.0	59.6	25.0	51.1	3.7	0.2																							
1925	81.1	0.4	56.7	---	---	---	129.5	120.2	83.8	57.7	22.5	60.5	3.7	0.2																							
1930	71.1	0.5	54.1	---	---	---	115.5	103.6	79.8	46.7	18.3	63.4	3.2	0.2																							
1935	68.0	0.5	52.5	---	---	---	116.0	96.9	69.3	43.6	16.8	70.5	4.1	0.1																							
1940	69.1	0.4	54.5	---	---	---	123.6	104.8	69.8	37.1	13.2	87.1	8.8	0.5																							
1945	73.2	0.5	50.2	---	---	---	121.7	114.2	81.4	47.5	14.9	51.1	4.6	0.2																							
1950	98.6	0.9	82.6	---	---	---	189.5	153.4	95.2	48.1	14.0	51.1	4.6	0.2																							
1955	112.3	0.8	95.3	---	---	---	229.0	174.2	106.9	55.7	15.2	63.4	3.2	0.2																							
1960	118.1	0.9	99.0	---	---	---	254.4	187.5	110.5	56.5	16.5	70.5	4.1	0.1																							
1965	93.0	0.9	75.1	---	---	---	188.7	146.5	87.1	45.0	13.5	87.1	8.8	0.5																							
1970	85.6	1.1	71.8	---	---	---	163.3	137.2	67.7	30.1	8.8	67.7	30.1	0.8																							
1975	65.9	1.3	60.0	41.1	89.0	88.0	110.1	106.6	51.1	18.8	4.6	51.1	18.8	0.2																							
1980	70.6	1.2	57.5	35.6	88.0	83.8	121.9	116.9	60.5	18.3	3.7	60.5	18.3	0.2																							
1985	66.4	1.2	52.4	30.5	83.8	83.8	115.9	113.0	63.4	19.7	3.2	63.4	19.7	0.2																							
1990	67.9	1.2	62.7	39.2	92.9	92.9	118.9	117.3	70.5	25.3	4.1	70.5	25.3	0.1																							
1995	61.0	1.1	55.1	32.3	91.2	91.2	108.3	108.9	72.4	27.6	4.5	72.4	27.6	0.2																							
2000	63.3	0.7	48.6	26.7	80.4	80.4	115.2	115.4	82.9	31.4	5.8	82.9	31.4	0.4																							
2005	65.8	0.5	41.6	20.6	73.4	73.4	110.1	123.4	87.0	36.3	6.4	87.0	36.3	0.3																							
2006	68.2	0.5	44.0	22.4	77.0	77.0	114.4	124.8	89.3	37.1	6.6	89.3	37.1	0.4																							
2007	68.8	0.5	44.0	21.2	78.7	78.7	115.1	124.6	90.0	36.7	6.5	90.0	36.7	0.4																							
2008	68.4	0.5	43.5	21.3	75.8	75.8	111.3	122.1	90.4	36.5	6.8	90.4	36.5	0.4																							
2009	66.8	0.4	40.6	19.4	70.4	70.4	107.5	117.5	89.9	36.3	6.7	89.9	36.3	0.3																							
2010	65.2	0.4	37.0	17.0	65.0	65.0	100.0	116.6	90.2	36.0	7.2	90.2	36.0	0.4																							
2011	64.7	0.3	34.5	15.8	61.1	61.1	96.3	115.1	91.1	37.4	7.3	91.1	37.4	0.3																							
2012	64.3	0.4	32.2	13.9	58.9	58.9	93.3	115.1	91.4	37.8	7.5	91.4	37.8	0.4																							
2013	64.1	0.2	30.0	12.6	55.9	55.9	90.4	116.6	92.5	39.0	7.0	92.5	39.0	0.4																							
2014	64.0	0.3	27.2	11.7	50.7	50.7	88.9	115.6	94.8	39.7	7.5	94.8	39.7	0.4																							
2015	64.0	0.2	25.1	10.4	47.8	47.8	87.6	115.4	96.6	41.3	7.1	96.6	41.3	0.4																							
2016	63.8	0.2	23.4	9.4	44.9	44.9	85.4	113.9	97.8	42.7	8.1	97.8	42.7	0.4																							
2017	62.4	0.1	22.5	8.6	43.6	43.6	82.3	109.9	96.7	42.6	8.1	96.7	42.6	0.5																							
2018	62.5	0.2	21.6	8.6	41.0	41.0	82.1	110.3	97.7	42.8	8.8	97.7	42.8	0.5																							
2019	61.3	0.2	20.3	7.6	39.2	39.2	79.5	108.7	97.2	43.0	8.4	97.2	43.0	0.5																							
2020	58.6	0.2	18.4	7.2	35.5	35.5	75.5	106.4	94.1	41.4	8.6	94.1	41.4	0.4																							
2021	58.1	0.2	16.9	6.5	32.9	32.9	71.9	107.2	95.4	43.5	8.7	95.4	43.5	0.5																							
2022	57.6	0.2	16.6	6.6	32.6	32.6	71.4	107.0	94.7	44.4	8.5	94.7	44.4	0.5																							
2023	55.8	0.2	15.9	6.6	30.8	30.8	68.3	104.2	91.4	44.0	8.8	91.4	44.0	0.7																							

Graph C. Crude and Age-Adjusted Death Rates* per 1,000 Population: Missouri, 1911-2023



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
						2015	9.8	8.2
						2018	10.3	8.2
						2019	10.1	8.0
						2020	12.0	9.8
						2021	12.0	9.8
						2022	11.6	9.3
						2023	10.7	8.5

*United States 2000 population distribution used as the standard.

Table 4. Age-Specific Death Rates per 1,000 Population: Missouri, 1911-2023

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	51.0	144.1
2012	8.0	6.6	0.3	0.2	0.8	1.3	2.0	4.7	9.4	20.1	50.2	141.1
2013	8.1	6.5	0.3	0.2	0.8	1.2	2.1	4.7	9.8	20.1	50.6	143.0
2014	8.0	6.1	0.3	0.1	0.8	1.3	2.1	4.9	10.1	20.2	50.5	139.4
2015	8.2	6.5	0.3	0.2	0.9	1.4	2.2	4.8	10.3	20.3	50.9	142.1
2016	8.1	6.6	0.3	0.1	1.0	1.6	2.4	4.7	10.0	20.0	49.4	138.9
2017	8.2	6.2	0.3	0.2	1.0	1.6	2.4	4.6	10.2	20.8	50.5	139.8
2018	8.2	6.3	0.3	0.1	1.0	1.7	2.5	4.9	10.5	20.6	49.5	139.6
2019	8.0	6.0	0.3	0.2	1.0	1.6	2.5	4.7	10.3	20.3	47.6	134.7
2020	9.8	5.7	0.3	0.2	1.1	2.1	3.0	5.3	11.8	24.2	59.5	177.5
2021	9.8	5.7	0.4	0.2	1.1	2.2	3.4	6.1	13.1	24.4	56.6	161.7
2022	9.3	6.5	0.4	0.2	1.1	2.0	3.1	5.4	12.3	23.0	54.5	162.3
2023	8.5	5.9	0.3	0.2	1.0	1.8	2.8	4.8	10.8	21.0	49.6	150.1

*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, 2023

	All Races	White Non-Hisp	Black Non-Hisp	Other Non-Hisp*	Hispanic, Any Race
Total	67,065	48,396	8,499	4,477	5,512
Gender					
Male	34,197	24,736	4,238	2,307	2,812
Female	32,868	23,660	4,261	2,170	2,700
Attendant					
MD	48,310	33,944	6,947	3,334	3,958
DO	12,616	9,566	1,148	804	1,075
CNM/CM	4,269	3,255	304	280	411
CPM	1,007	900	25	33	43
Other Midwife	437	401	17	10	9
Other	426	330	58	16	16
Birthplace					
Hospital	64,778	46,401	8,380	4,402	5,430
Birthing Center	150	101	23	12	13
Clinic	244	231	2	4	5
Home Residence	1,688	1,489	77	52	61
...Planned	1,543	1,401	39	42	55
...Unplanned	134	82	37	10	5
Other	205	174	17	7	3
Month of Birth					
January	5,582	3,987	787	355	441
February	5,015	3,652	652	312	387
March	5,575	4,039	698	370	453
April	5,162	3,758	703	319	367
May	5,658	4,093	701	397	451
June	5,633	4,086	685	358	485
July	5,917	4,249	741	430	488
August	6,096	4,489	731	379	481
September	5,547	3,969	705	365	492
October	5,823	4,237	665	402	497
November	5,589	4,000	702	374	496
December	5,468	3,837	729	416	474
Number Born					
Singleton	64,826	46,786	8,100	4,382	5,386
Twin	2,204	1,587	390	95	123
Triplet	30	18	9	0	3
Quadruplet or More	5	5	0	0	0

* Includes births to mothers of multiple races, but not mothers of unknown race.

	All Races	White Non-Hisp	Black Non-Hisp	Other Non-Hisp*	Hispanic, Any Race
Previous Non-Live Birth Outcomes					
None	45,484	33,163	5,120	3,104	3,976
One	13,872	9,857	2,023	921	1,042
Two or More	7,609	5,310	1,343	447	486
Unknown	100	66	13	5	8
Maternal Smoking					
Non-smoker	60,363	43,276	7,663	4,103	5,201
3 Months Prior	5,630	4,531	583	285	222
During Pregnancy	4,434	3,602	453	219	153
...First Trimester	4,302	3,504	433	209	151
...Second Trimester	3,695	3,033	361	179	115
...Last 3 Months	3,459	2,858	325	163	107
...Smoked Pack per Day	767	651	62	35	17
...Quit Smoking	963	738	125	54	46
Status Unknown	972	521	231	83	87
Full-Term Singleton					
Maternal Weight Gain					
Less than 15 Pounds	9,157	5,790	1,692	668	988
15 to 24 Pounds	9,803	7,022	1,172	664	922
25 to 34 Pounds	14,375	10,756	1,419	984	1,191
35 to 44 Pounds	11,890	9,198	1,098	726	854
45 or More Pounds	12,078	9,212	1,301	764	770
Unknown	1,494	783	322	130	227
Maternal Weight Status Before Pregnancy					
Underweight	2,071	1,488	257	194	126
Normal	24,749	18,780	2,444	1,758	1,717
Overweight	16,877	12,100	2,036	1,131	1,568
Obese	21,932	15,376	3,438	1,267	1,813
Principal Payment Source					
Medicaid	26,984	15,744	5,694	1,944	3,498
Private Insurance	35,643	29,157	2,482	2,283	1,674
Self-pay	2,820	2,313	129	146	216
Other	970	740	76	56	96
Unknown	648	442	118	48	28

Table 5B. Resident Live Births by Selected Obstetric, Pediatric, and Maternal Conditions and Procedures: Missouri, 2023

	Number	Percent
<u>Live Births</u>	67,065	100.0
<u>Pregnancy Risk Factors</u>	25,602	38.2
...Pregnancy Diabetes	848	1.3
...Gestational Diabetes	5,745	8.6
...Insulin-dependent Diabetes	1,309	2.0
...Prepregnancy Hypertension	2,740	4.1
...Gestational Hypertension	7,745	11.5
...Eclampsia	599	0.9
...Previous Preterm Births	3,232	4.8
...Other Poor Pregnancy Outcomes	2,005	3.0
...Infertility Treatment	1,551	2.3
...Previous Cesarean Delivery	9,622	14.3
<u>Infections</u>	2,344	3.5
...Gonorrhea	257	0.4
...Syphilis	378	0.6
...Chlamydia	1,401	2.1
...Hepatitis B	115	0.2
...Hepatitis C	426	0.6
...HIV	54	0.1
<u>Obstetric Procedures</u>	813	1.2
...Cervical Cerclage	238	0.4
...Tocolysis	286	0.4
...External Cephalic Version	310	0.5
.....Successful*	157	50.6
<u>Onset of Labor</u>	8,185	12.2
...Premature Membrane Rupture	2,638	3.9
...Precipitous Labor	4,290	6.4
...Prolonged Labor	1,610	2.4

	Number	Percent
<u>Characteristics of Labor</u>	60,169	89.7
...Induction of Labor	28,966	43.2
...Augmentation of Labor	14,561	21.7
...Non-vertex Presentation	1,453	2.2
...Steroids for Lung Maturation	2,877	4.3
...Antibiotics for Mother	19,810	29.5
...Clinical Chorioamnionitis	661	1.0
...Meconium Staining	2,631	3.9
...Fetal Intolerance of Labor	4,116	6.1
...Epidural Given	53,165	79.3
<u>Final Delivery Route and Method</u>		
...Vaginal/Spontaneous	45,154	67.3
...Vaginal/Forceps	246	0.4
...Vaginal/Vacuum	1,357	2.0
...Cesarean	20,253	30.2
.....Vaginal Trial Prior to Cesarean**	6,342	31.3
...Attempted Forceps (unsuccessful)	229	0.3
...Attempted Vacuum (unsuccessful)	492	0.7
...Vaginal After Previous Cesarean (VBAC)***	1,660	17.3
<u>Fetal Presentation:</u>		
...Cephalic	63,636	94.9
...Breech	2,900	4.3
...Other	304	0.5

	Number	Percent
<u>Abnormal Conditions of Newborn</u>	10,162	15.2
...Assisted Ventilation, Immediate	6,399	9.5
...Assisted Ventilation, Long-term	1,968	2.9
...NICU Admission	7,041	10.5
...Surfactant Therapy	421	0.6
...Seizures or Neurological Problems	25	0.0
...Birth Injury	66	0.1
<u>Congenital Anomalies</u>	295	0.4
...Anencephaly	10	0.0
...Spina Bifida	16	0.0
...Cyanotic Heart Disease	43	0.1
...Diaphragmatic Hernia	12	0.0
...Omphalocele	13	0.0
...Gastrochisis	26	0.0
...Limb Reduction	11	0.0
...Cleft Lip (with or without Cleft Palate)	58	0.1
...Cleft Palate (alone)	17	0.0
...Down Syndrome	32	0.0
...Other Chromosomal	33	0.0
...Hypospadias	47	0.1
<u>Maternal Morbidity</u>	1,081	1.6
...Maternal Transfusion	320	0.5
...Perineal Laceration (3rd or 4th degree)	545	0.8
...Ruptured Uterus	32	0.0
...Unplanned Hysterectomy	42	0.1
...Admission to ICU	119	0.2
...Unplanned OR Procedure	198	0.3

* Percent of External Cephalic Version

** Percent of Cesarean Births

*** Percent of Previous Cesarean Deliveries

Table 6. Resident Live Births by Race and Age of Mother by Marital Status and Live Birth Order: Missouri, 2023

	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	67,065	25,523	20,532	11,470	5,186	4,354	26,358	11,325	7,113	4,182	2,058	1,680
Under 15	41	39	2	0	0	0	41	39	2	0	0	0
15-17	808	765	42	1	0	0	798	757	40	1	0	0
18-19	2,355	1,983	330	42	0	0	2,110	1,788	286	36	0	0
20-24	13,660	7,585	4,167	1,464	351	93	8,710	4,961	2,565	895	226	63
25-29	20,363	7,870	6,534	3,596	1,541	822	7,316	2,282	2,317	1,561	721	435
30-34	19,104	5,200	6,393	3,982	1,926	1,603	4,800	1,006	1,329	1,098	715	652
35-39	8,832	1,767	2,627	2,014	1,103	1,321	2,062	388	462	490	311	411
40-44	1,756	285	402	348	249	472	476	87	100	94	82	113
45 and Over	115	15	26	18	15	41	23	5	7	3	3	5
Unknown	31	14	9	5	1	2	22	12	5	4	0	1
White, Non-Hispanic	48,396	18,702	15,349	8,193	3,438	2,714	15,006	6,912	4,076	2,244	1,022	752
Under 15	10	10	0	0	0	0	10	10	0	0	0	0
15-17	411	393	18	0	0	0	404	387	17	0	0	0
18-19	1,475	1,252	205	18	0	0	1,280	1,099	167	14	0	0
20-24	9,335	5,261	2,828	969	217	60	5,216	3,071	1,494	497	119	35
25-29	15,128	6,191	4,933	2,489	1,002	513	4,110	1,402	1,319	826	353	210
30-34	14,318	4,041	5,039	2,971	1,303	964	2,546	611	734	577	357	267
35-39	6,466	1,338	2,026	1,490	762	850	1,162	271	278	270	153	190
40-44	1,170	204	278	243	145	300	258	53	60	58	39	48
45 and Over	72	7	18	12	8	27	15	5	6	1	1	2
Unknown	11	5	4	1	1	0	5	3	1	1	0	0
Black, Non-Hispanic	8,499	2,836	2,224	1,586	902	951	6,546	2,362	1,743	1,163	643	635
Under 15	15	14	1	0	0	0	15	14	1	0	0	0
15-17	182	168	13	1	0	0	182	168	13	1	0	0
18-19	418	352	55	11	0	0	409	344	54	11	0	0
20-24	2,058	1,097	624	247	71	19	1,917	1,026	584	223	66	18
25-29	2,344	644	696	536	284	184	1,887	498	571	437	228	153
30-34	2,169	398	549	504	327	391	1,462	234	378	338	232	280
35-39	1,022	129	233	230	172	258	536	59	115	124	94	144
40-44	267	28	50	53	44	92	132	17	26	27	22	40
45 and Over	21	4	3	3	4	7	3	0	1	1	1	0
Unknown	3	2	0	1	0	0	3	2	0	1	0	0

Table 7. Teen-Age Resident Live Births by Race and Age of Mother by Marital Status and Live Birth Order with Percentages: Missouri, 2023

	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	All Ages	3,204	2,787	374	43	2,949	2,584	328	37	92.0	92.7	87.7	86.0
	10	0	0	0	0	0	0	0	0	---	---	---	---
	11	0	0	0	0	0	0	0	0	---	---	---	---
	12	5	4	1	0	5	4	1	0	100.0	100.0	100.0	---
	13	7	6	1	0	7	6	1	0	100.0	100.0	100.0	---
	14	29	29	0	0	29	29	0	0	100.0	100.0	---	---
	15	95	92	3	0	95	92	3	0	100.0	100.0	100.0	---
	16	259	250	9	0	257	248	9	0	99.2	99.2	100.0	---
	17	454	423	30	1	446	417	28	1	98.2	98.6	93.3	100.0
	18	820	719	93	8	772	679	85	8	94.1	94.4	91.4	100.0
	19	1,535	1,264	237	34	1,338	1,109	201	28	87.2	87.7	84.8	82.4
White, Non-Hispanic	All Ages	1,896	1,655	223	18	1,694	1,496	184	14	89.3	90.4	82.5	77.8
	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	4	4	0	0	4	4	0	0	100.0	100.0	---	---
	14	6	6	0	0	6	6	0	0	100.0	100.0	---	---
	15	39	38	1	0	39	38	1	0	100.0	100.0	100.0	---
	16	143	139	4	0	141	137	4	0	98.6	98.6	100.0	---
	17	229	216	13	0	224	212	12	0	97.8	98.1	92.3	---
	18	502	442	54	6	464	411	47	6	92.4	93.0	87.0	100.0
	19	973	810	151	12	816	688	120	8	83.9	84.9	79.5	66.7
Black, Non-Hispanic	All Ages	615	534	69	12	606	526	68	12	98.5	98.5	98.6	100.0
	10	0	0	0	0	0	0	0	0	---	---	---	---
	11	0	0	0	0	0	0	0	0	---	---	---	---
	12	1	1	0	0	1	1	0	0	100.0	100.0	---	---
	13	1	0	1	0	1	0	1	0	100.0	---	100.0	---
	14	13	13	0	0	13	13	0	0	100.0	100.0	---	---
	15	27	26	1	0	27	26	1	0	100.0	100.0	100.0	---
	16	45	44	1	0	45	44	1	0	100.0	100.0	100.0	---
	17	110	98	11	1	110	98	11	1	100.0	100.0	100.0	100.0
	18	160	138	20	2	159	137	20	2	99.4	99.3	100.0	100.0
	19	258	214	35	9	250	207	34	9	96.9	96.7	97.1	100.0

Table 8. Percent Resident Low Birth Weight and Resident Live Births by Birth Weight by Race and Age of Mother: Missouri, 2023

	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	8.9	67,065	94	300	514	1,178	3,899	12,798	25,645	17,498	4,456	660	23			
Under 15	17.1	41	1	1	2	0	3	12	16	6	0	0	0			
15-17	11.0	808	3	7	8	15	56	223	324	151	16	5	0			
18-19	11.8	2,355	7	16	22	44	190	563	956	461	85	11	0			
20-24	9.3	13,660	22	52	107	217	870	2,988	5,470	3,139	700	90	5			
25-29	8.4	20,363	29	81	139	350	1,120	3,673	7,839	5,509	1,403	211	9			
30-34	8.3	19,104	15	77	148	333	1,021	3,341	7,160	5,384	1,409	211	5			
35-39	9.2	8,832	16	49	68	168	515	1,630	3,199	2,361	718	106	2			
40 and Over	11.1	1,871	1	17	20	49	121	359	673	482	123	26	0			
White,	7.6	48,396	40	153	320	717	2,451	8,224	18,456	13,782	3,684	551	18			
Non-Hispanic	10.0	10	0	1	0	0	0	4	1	4	0	0	0			
Under 15	9.2	411	0	4	7	8	19	102	164	93	13	1	0			
15-17	10.4	1,475	4	8	16	23	103	309	617	320	66	9	0			
18-19	7.9	9,335	9	30	55	122	518	1,822	3,744	2,392	572	68	3			
20-24	7.4	15,128	11	44	91	215	759	2,456	5,786	4,417	1,160	181	8			
25-29	7.0	14,318	6	37	102	211	648	2,201	5,364	4,359	1,196	189	5			
30-34	8.0	6,466	10	21	38	108	338	1,113	2,322	1,845	585	84	2			
35-39	9.2	1,242	0	8	11	29	66	215	455	349	90	19	0			
40 and Over	16.9	8,499	32	100	125	300	879	2,449	3,033	1,325	227	28	1			
Black,	26.7	15	1	0	0	0	3	2	7	2	0	0	0			
Non-Hispanic	14.3	182	1	2	1	5	17	73	66	16	1	0	0			
Under 15	20.3	418	3	6	4	12	60	136	137	53	7	0	0			
15-17	16.8	2,058	9	13	30	63	231	664	729	276	36	6	1			
18-19	16.1	2,344	10	27	35	89	216	662	867	366	66	6	0			
20-24	16.6	2,169	4	26	34	81	214	584	758	393	70	5	0			
25-29	17.3	1,022	4	22	14	34	103	253	374	173	38	7	0			
30-34	21.2	288	0	4	7	16	34	73	95	46	9	4	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, 2023**

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	67,065	48,396	8,499	26,358	15,006	6,546	39.3	31.0	77.0
Adair	283	230	37	113	88	17	39.9	38.3	45.9
Andrew	155	144	1	48	44	0	31.0	30.6	0.0
Atchison	60	59	0	25	25	0	41.7	42.4	---
Audrain	305	260	7	130	103	6	42.6	39.6	85.7
Barry	409	317	0	164	117	0	40.1	36.9	---
Barton	162	147	1	55	49	0	34.0	33.3	0.0
Bates	210	204	0	88	84	0	41.9	41.2	---
Benton	162	157	0	63	59	0	38.9	37.6	---
Bollinger	140	135	0	56	56	0	40.0	41.5	---
Boone	1,823	1,204	299	629	300	211	34.5	24.9	70.6
Buchanan	1,000	727	56	551	369	41	55.1	50.8	73.2
Butler	492	416	30	275	227	25	55.9	54.6	83.3
Caldwell	89	84	0	29	27	0	32.6	32.1	---
Callaway	459	403	17	188	157	10	41.0	39.0	58.8
Camden	333	294	7	137	121	4	41.1	41.2	57.1
Cape Girardeau	882	678	116	356	221	94	40.4	32.6	81.0
Carroll	78	75	0	25	25	0	32.1	33.3	---
Carter	82	77	0	39	36	0	47.6	46.8	---
Cass	1,126	929	66	371	279	45	32.9	30.0	68.2
Cedar	175	166	0	58	55	0	33.1	33.1	---
Chariton	68	67	1	24	23	1	35.3	34.3	100.0
Christian	1,027	902	6	243	200	3	23.7	22.2	50.0
Clark	65	64	0	22	21	0	33.8	32.8	---
Clay	2,835	1,986	337	955	538	202	33.7	27.1	59.9
Clinton	229	213	2	74	67	2	32.3	31.5	100.0
Cole	847	634	108	342	199	85	40.4	31.4	78.7
Cooper	173	153	6	55	45	5	31.8	29.4	83.3
Crawford	244	234	0	111	107	0	45.5	45.7	---
Dade	64	63	0	27	26	0	42.2	41.3	---
Dallas	205	197	0	53	52	0	25.9	26.4	---
Davies	110	108	0	23	23	0	20.9	21.3	---
DeKalb	90	82	0	38	34	0	42.2	41.5	---
Dent	140	131	0	48	45	0	34.3	34.4	---
Douglas	146	132	0	44	40	0	30.1	30.3	---

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, 2023

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	351	238	50	216	137	45	61.5	57.6	90.0			
Franklin	1,125	1,067	4	425	404	1	37.8	37.9	25.0			
Gasconade	170	165	0	72	70	0	42.4	42.4	---			
Gentry	82	77	2	25	23	0	30.5	29.9	0.0			
Greene	3,156	2,551	113	1,214	901	83	38.5	35.3	73.5			
Grundy	130	122	0	31	31	0	23.8	25.4	---			
Harrison	120	115	0	38	35	0	31.7	30.4	---			
Henry	210	195	1	78	70	1	37.1	35.9	100.0			
Hickory	94	91	0	35	33	0	37.2	36.3	---			
Holt	39	37	0	14	12	0	35.9	32.4	---			
Howard	92	84	2	34	28	1	37.0	33.3	50.0			
Howell	452	419	0	197	177	0	43.6	42.2	---			
Iron	94	90	0	38	36	0	40.4	40.0	---			
Jackson	8,565	4,289	1,940	4,114	1,223	1,519	48.0	28.5	78.3			
Jasper	1,573	1,134	29	721	460	21	45.8	40.6	72.4			
Jefferson	2,368	2,154	37	855	758	17	36.1	35.2	45.9			
Johnson	687	570	15	194	160	8	28.2	28.1	53.3			
Knox	50	47	0	7	7	0	14.0	14.9	---			
Laclede	456	416	6	200	182	2	43.9	43.8	33.3			
Lafayette	358	323	2	139	119	2	38.8	36.8	100.0			
Lawrence	497	423	2	185	149	1	37.2	35.2	50.0			
Lewis	95	91	2	32	29	1	33.7	31.9	50.0			
Lincoln	769	716	8	228	202	7	29.6	28.2	87.5			
Linn	130	115	3	52	42	1	40.0	36.5	33.3			
Livingston	156	147	1	44	38	1	28.2	25.9	100.0			
Macon	176	169	0	65	60	0	36.9	35.5	---			
Madison	115	111	0	58	54	0	50.4	48.6	---			
Maries	88	86	0	18	17	0	20.5	19.8	---			
Marion	328	288	18	152	128	12	46.3	44.4	66.7			
McDonald	322	209	7	136	69	1	42.2	33.0	14.3			
Mercer	41	34	1	5	3	0	12.2	8.8	0.0			
Miller	274	253	1	104	94	1	38.0	37.2	100.0			
Mississippi	139	103	26	75	47	21	54.0	45.6	80.8			
Moniteau	189	173	0	62	54	0	32.8	31.2	---			
Monroe	79	75	1	30	28	1	38.0	37.3	100.0			

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, 2023

Counties	All Live Births			Out-of-Wedlock Births			Percent Out-of-Wedlock		
	All Races	White, Non-Hispanic		All Races	White, Non-Hispanic		All Races	White, Non-Hispanic	
		Black, Non-Hispanic	Black, Non-Hispanic		Black, Non-Hispanic	Black, Non-Hispanic			
Montgomery	112	104	1	51	46	1	45.5	44.2	100.0
Morgan	258	248	2	79	72	2	30.6	29.0	100.0
New Madrid	180	144	24	105	78	20	58.3	54.2	83.3
Newton	733	549	7	257	167	2	35.1	30.4	28.6
Nodaway	203	192	1	64	59	1	31.5	30.7	100.0
Oregon	106	99	0	41	36	0	38.7	36.4	---
Osage	169	161	0	37	35	0	21.9	21.7	---
Ozark	86	78	0	33	29	0	38.4	37.2	---
Pemiscot	179	113	51	129	72	48	72.1	63.7	94.1
Perry	213	200	0	80	69	0	37.6	34.5	---
Pettis	599	461	16	234	164	10	39.1	35.6	62.5
Phelps	393	327	16	170	138	10	43.3	42.2	62.5
Pike	186	168	4	67	53	3	36.0	31.5	75.0
Platte	1,136	758	146	332	174	68	29.2	23.0	46.6
Polk	407	378	1	111	99	0	27.3	26.2	0.0
Pulaski	647	444	50	204	131	22	31.5	29.5	44.0
Putnam	62	58	0	19	17	0	30.6	29.3	---
Ralls	75	71	0	24	22	0	32.0	31.0	---
Randolph	278	237	8	117	91	7	42.1	38.4	87.5
Ray	250	229	1	110	102	1	44.0	44.5	100.0
Reynolds	58	52	1	28	27	0	48.3	51.9	0.0
Ripley	149	142	0	74	71	0	49.7	50.0	---
Saline	260	179	8	126	84	8	48.5	46.9	100.0
Schuyler	62	60	0	11	9	0	17.7	15.0	---
Scotland	83	79	0	8	8	0	9.6	10.1	---
Scott	450	340	79	241	151	72	53.6	44.4	91.1
Shannon	91	85	0	32	30	0	35.2	35.3	---
Shelby	81	76	0	28	24	0	34.6	31.6	---
St. Charles	3,970	3,087	282	862	547	150	21.7	17.7	53.2
St. Clair	115	108	1	37	35	0	32.2	32.4	0.0
St. Francois	685	639	10	313	288	6	45.7	45.1	60.0
St. Louis City	3,259	1,226	1,415	1,789	267	1,203	54.9	21.8	85.0
St. Louis County	9,676	5,163	2,982	3,887	919	2,399	40.2	17.8	80.4
Ste. Genevieve	184	169	3	68	60	1	37.0	35.5	33.3
Stoddard	318	303	2	130	121	1	40.9	39.9	50.0

Table 9. Resident Live Births by Mother's Marital Status by Race of Mother with Percentages by County and Cities with 25,000 or More Population: Missouri, 2023

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	262	234	1	109	95	1	41.6	40.6	100.0
Sullivan	75	49	0	34	18	0	45.3	36.7	---
Taney	600	483	8	240	181	4	40.0	37.5	50.0
Texas	279	272	1	87	87	0	31.2	32.0	0.0
Vernon	245	222	2	97	87	2	39.6	39.2	100.0
Warren	426	387	6	164	143	4	38.5	37.0	66.7
Washington	226	221	1	111	109	1	49.1	49.3	100.0
Wayne	109	101	0	61	58	0	56.0	57.4	---
Webster	608	579	1	117	103	1	19.2	17.8	100.0
Worth	21	21	0	8	8	0	38.1	38.1	---
Wright	263	251	0	80	80	0	30.4	31.9	---

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	598	436	22	297	209	14	49.7	47.9	63.6
...Jasper Co. Part	554	404	19	280	198	13	50.5	49.0	68.4
...Newton Co. Part	44	32	3	17	11	1	38.6	34.4	33.3
Kansas City	6,315	2,787	1,717	3,018	692	1,299	47.8	24.8	75.7
...Jackson Co. Part	4,038	1,359	1,341	2,277	347	1,090	56.4	25.5	81.3
...Clay Co. Part	1,690	1,087	262	559	268	155	33.1	24.7	59.2
...Platte Co. Part	587	341	114	182	77	54	31.0	22.6	47.4
...Cass Co. Part	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, 2023**

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
		285	229		6	39		29	4
Ballwin	635	479	47	182	117	23	28.7	24.4	48.9
Blue Springs	416	252	107	224	106	90	53.8	42.1	84.1
Cape Girardeau	363	262	14	42	28	8	11.6	10.7	57.1
Chesterfield	1,147	662	242	417	166	166	36.4	25.1	68.6
Columbia	583	171	329	368	76	248	63.1	44.4	75.4
Florissant	302	199	37	122	65	25	40.4	32.7	67.6
Gladstone	405	141	127	231	39	99	57.0	27.7	78.0
Grandview	255	66	148	163	28	114	63.9	42.4	77.0
Hazelwood	1,411	811	197	787	386	159	55.8	47.6	80.7
Independence	483	319	91	228	115	72	47.2	36.1	79.1
Jefferson City	234	195	16	26	7	15	11.1	3.6	93.8
Kirkwood	1,013	775	79	209	119	40	20.6	15.4	50.6
Lee's Summit	289	230	16	91	63	8	31.5	27.4	50.0
Liberty	326	156	57	84	29	34	25.8	18.6	59.6
Maryland Heights	877	681	51	179	115	23	20.4	16.9	45.1
O'Fallon	346	141	119	196	47	94	56.6	33.3	79.0
Raytown	698	491	79	175	90	47	25.1	18.3	59.5
St. Charles	885	618	54	506	328	39	57.2	53.1	72.2
St. Joseph	3,259	1,226	1,415	1,789	267	1,203	54.9	21.8	85.0
St. Louis City	511	422	30	97	70	14	19.0	16.6	46.7
St. Peters	1,748	1,332	86	855	608	64	48.9	45.6	74.4
Springfield	378	195	110	124	18	80	32.8	9.2	72.7
University City	478	387	39	115	81	19	24.1	20.9	48.7
Wentzville	224	191	3	12	9	1	5.4	4.7	33.3

Table 10A. Resident Live Births by Selected Characteristics by Race and Hispanic Origin of Mother: Missouri, 2023

	All Races		White, Non-Hisp.		Black, Non-Hisp.		Other, Non-Hisp.*		Hispanic, Any Race	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	67,065	100.0	48,396	100.0	8,499	100.0	4,477	100.0	5,512	100.0
Birth Weight: Under 2500 Grams	5,985	8.9	3,681	7.6	1,436	16.9	416	9.3	424	7.7
Birth Weight: Above 4499 Grams	660	1.0	551	1.1	28	0.3	29	0.6	51	0.9
Gestational Age: Less than 37 Weeks	7,402	11.0	4,993	10.3	1,376	16.2	493	11.0	508	9.2
APGAR (5 Minutes): Less than 8	4,321	6.5	3,072	6.4	697	8.3	243	5.4	292	5.3
Infant Care: NICU Admission	7,041	10.5	4,786	9.9	1,279	15.0	439	9.8	500	9.1
Infant Care: Transfer to Other Facility	1,454	2.2	910	1.9	348	4.1	82	1.8	105	1.9
Place of Birth: At-Home Delivery	1,688	2.5	1,489	3.1	77	0.9	52	1.2	61	1.1
Method of Delivery: Cesarean	20,253	30.2	14,481	29.9	2,764	32.5	1,419	31.7	1,545	28.1
Infant Care: Breastfed After Delivery	54,083	81.3	39,971	83.2	5,889	70.0	3,653	82.2	4,442	81.1
Maternal Smoking: During Pregnancy	4,434	6.7	3,602	7.5	453	5.5	219	5.0	153	2.8
...Quit Smoking During Pregnancy	963	21.7	738	20.5	125	27.6	54	24.7	46	30.1
Mat. Weight: Underweight (BMI < 18.5)	2,071	3.2	1,488	3.1	257	3.1	194	4.5	126	2.4
Mat. Weight: Obese (BMI >= 30)	21,932	33.4	15,376	32.2	3,438	42.1	1,267	29.1	1,813	34.7
Mat. Sing. Wt. Gain: Low (< 15 lbs)	9,157	16.0	5,790	13.8	1,692	25.3	668	17.6	988	20.9
Mat. Sing. Wt. Gain: High (> 45 lbs)	12,078	21.1	9,212	21.9	1,301	19.5	764	20.1	770	16.3
Mother's Education: Under 12 Yrs.	7,703	11.5	4,502	9.3	1,123	13.3	534	12.0	1,520	27.8
Marital Status: Out-of-Wedlock	26,358	39.3	15,006	31.0	6,546	77.0	1,707	38.1	2,998	54.4
Live Birth Order: 4 or More	9,540	14.2	6,152	12.7	1,853	21.8	626	14.0	864	15.7
Birth Spacing: Less than 18 Months	4,936	12.5	3,373	11.9	810	15.4	393	15.6	346	11.0
Prenatal Care: 1st Trimester	46,109	69.9	35,693	75.0	4,581	55.0	2,744	62.4	3,008	55.4
Prenatal Care: 2nd Trimester	14,833	22.5	9,405	19.8	2,647	31.8	1,170	26.6	1,569	28.9
Prenatal Care: 3rd Trimester	3,335	5.1	1,777	3.7	678	8.1	318	7.2	528	9.7
Prenatal Care: None	1,648	2.5	731	1.5	420	5.0	162	3.7	325	6.0
Prenatal Care: Inadequate	13,659	20.8	7,439	15.7	3,045	36.7	1,220	27.9	1,870	34.5
Maternal Utilization: Medicaid	26,984	40.6	15,744	32.8	5,694	67.9	1,944	43.9	3,498	63.8
Maternal Utilization: WIC	19,621	29.7	11,534	24.1	3,993	48.0	1,420	32.5	2,629	48.5
Maternal Utilization: Food Stamps	13,089	21.0	6,846	15.2	4,239	53.3	940	22.6	1,024	20.2
Mother's Age: At Delivery										
Under 15	41	0.1	10	0.0	15	0.2	2	0.0	13	0.2
15-17	808	1.2	411	0.8	182	2.1	57	1.3	158	2.9
18-19	2,355	3.5	1,475	3.0	418	4.9	172	3.8	287	5.2
20-24	13,660	20.4	9,335	19.3	2,058	24.2	851	19.0	1,381	25.1
25-29	20,363	30.4	15,128	31.3	2,344	27.6	1,238	27.7	1,601	29.1
30-34	19,104	28.5	14,318	29.6	2,169	25.5	1,298	29.0	1,271	23.1
35-39	8,832	13.2	6,466	13.4	1,022	12.0	681	15.2	637	11.6
40 and Over	1,871	2.8	1,242	2.6	288	3.4	174	3.9	159	2.9

* Includes births to mothers of multiple races, but not mothers of unknown race.

Table 10B. Resident Live Births by Selected Characteristics by BRFSS Region and Urban vs Rural Area: Missouri, 2023

	Northeast		Northwest		Central		Southeast		Southwest	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	2,763	100.0	2,645	100.0	7,753	100.0	6,243	100.0	11,026	100.0
Birth Weight: Under 2500 Grams	223	8.1	211	8.0	643	8.3	568	9.1	877	8.0
Birth Weight: Above 4499 Grams	43	1.6	25	0.9	80	1.0	56	0.9	133	1.2
Gestational Age: Less than 37 Weeks	292	10.6	241	9.1	846	10.9	723	11.6	1,125	10.2
APGAR (5 Minutes): Less than 8	260	9.5	164	6.3	575	7.4	390	6.3	649	6.0
Infant Care: NICU Admission	231	8.4	243	9.2	816	10.5	546	8.7	1,166	10.6
Infant Care: Transfer to Other Facility	80	2.9	48	1.8	189	2.4	209	3.3	104	0.9
Place of Birth: At-Home Delivery	184	6.7	94	3.6	182	2.3	163	2.6	431	3.9
Method of Delivery: Cesarean	833	30.2	676	25.6	2,314	29.9	1,864	29.9	3,258	29.6
Infant Care: Breastfed After Delivery	2,268	82.7	1,943	74.1	6,194	80.2	4,257	68.9	9,360	85.8
Maternal Smoking: During Pregnancy	273	10.0	267	10.2	714	9.3	716	11.6	859	8.0
...Quit Smoking During Pregnancy	57	2.1	44	1.6	159	2.1	142	2.3	178	1.6
Mat. Weight: Underweight (BMI < 18.5)	101	3.7	83	3.2	238	3.1	211	3.5	401	3.7
Mat. Weight: Obese (BMI >= 30)	955	35.4	909	35.0	2,649	34.4	2,304	37.7	3,762	35.0
Mat. Sing. Wt. Gain: Low (< 15 lbs)	377	15.9	363	15.6	1,112	16.5	972	18.4	1,582	16.6
Mat. Sing. Wt. Gain: High (> 45 lbs)	412	17.4	579	24.8	1,423	21.1	1,121	21.3	1,997	21.0
Mother's Education: Under 12 Yrs.	501	18.2	371	14.1	968	12.5	944	15.2	1,701	15.5
Marital Status: Out-of-Wedlock	1,011	36.6	1,053	39.8	2,905	37.5	2,856	45.7	4,000	36.3
Live Birth Order: 4 or More	464	16.8	405	15.3	1,180	15.2	989	15.9	1,804	16.4
Birth Spacing: Less than 18 Months	241	13.7	214	13.3	615	13.1	563	15.0	935	13.8
Prenatal Care: 1st Trimester	1,987	73.1	1,892	72.2	5,769	75.3	4,468	72.8	7,609	69.8
Prenatal Care: 2nd Trimester	545	20.1	529	20.2	1,482	19.3	1,237	20.2	2,347	21.5
Prenatal Care: 3rd Trimester	158	5.8	150	5.7	323	4.2	324	5.3	592	5.4
Prenatal Care: None	27	1.0	48	1.8	92	1.2	106	1.7	360	3.3
Prenatal Care: Inadequate	616	22.7	529	20.3	1,438	18.8	1,170	19.1	2,422	22.3
Maternal Utilization: Medicaid	1,088	39.5	1,064	40.3	3,297	42.6	3,471	55.8	5,323	48.5
Maternal Utilization: WIC	926	33.7	818	31.4	2,424	31.5	2,821	45.8	3,882	35.7
Maternal Utilization: Food Stamps	481	19.5	489	20.1	1,520	19.9	1,752	29.7	2,076	19.7
Mother's Age: At Delivery	0	0.0	1	0.0	3	0.0	4	0.1	2	0.0
Under 15	29	1.0	23	0.9	92	1.2	136	2.2	141	1.3
15-17	111	4.0	109	4.1	315	4.1	357	5.7	508	4.6
18-19	716	25.9	693	26.2	1,775	22.9	1,858	29.8	2,864	26.0
20-24	929	33.6	871	32.9	2,546	32.8	1,887	30.2	3,531	32.0
25-29	647	23.4	628	23.7	1,923	24.8	1,338	21.4	2,644	24.0
30-34	268	9.7	277	10.5	902	11.6	555	8.9	1,081	9.8
35-39	62	2.2	43	1.6	196	2.5	104	1.7	249	2.3
40 and Over										

Table 10B. Resident Live Births by Selected Characteristics by BRFSS Region and Urban vs Rural Area: Missouri, 2023

	<u>St. Louis Region</u>		<u>Kansas City Region</u>		<u>Urban</u>		<u>Rural</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	21,837	100.0	14,798	100.0	43,976	100.0	23,089	100.0
Birth Weight: Under 2500 Grams	2,140	9.8	1,323	8.9	4,076	9.3	1,909	8.3
Birth Weight: Above 4499 Grams	179	0.8	144	1.0	400	0.9	260	1.1
Gestational Age: Less than 37 Weeks	2,567	11.8	1,608	10.9	4,945	11.3	2,457	10.7
APGAR (5 Minutes): Less than 8	1,379	6.3	904	6.1	2,659	6.1	1,662	7.3
Infant Care: NICU Admission	2,371	10.9	1,668	11.3	5,017	11.4	2,024	8.8
Infant Care: Transfer to Other Facility	698	3.2	126	0.9	835	1.9	619	2.7
Place of Birth: At-Home Delivery	245	1.1	389	2.6	717	1.6	971	4.2
Method of Delivery: Cesarean	7,033	32.2	4,275	28.9	13,619	31.0	6,634	28.8
Infant Care: Breastfed After Delivery	17,727	81.6	12,334	84.0	36,246	83.0	17,837	78.0
Maternal Smoking: During Pregnancy	909	4.3	696	4.7	2,077	4.8	2,357	10.3
...Quit Smoking During Pregnancy	217	23.9	166	23.9	492	23.7	471	20.0
Mat. Weight: Underweight (BMI < 18.5)	607	2.8	430	3.0	1,282	3.0	789	3.5
Mat. Weight: Obese (BMI >= 30)	6,555	30.8	4,798	33.2	13,823	32.2	8,109	35.7
Mat. Sing. Wt. Gain: Low (< 15 lbs)	2,721	14.8	2,030	16.0	5,833	15.6	3,324	16.7
Mat. Sing. Wt. Gain: High (> 45 lbs)	3,934	21.4	2,612	20.6	7,929	21.2	4,149	20.8
Mother's Education: Under 12 Yrs.	1,605	7.4	1,613	11.0	4,172	9.5	3,531	15.3
Marital Status: Out-of-Wedlock	8,321	38.1	6,212	42.0	17,478	39.7	8,880	38.5
Live Birth Order: 4 or More	2,678	12.3	2,020	13.7	5,697	13.0	3,843	16.7
Birth Spacing: Less than 18 Months	1,377	11.2	991	11.5	2,933	11.7	2,003	14.0
Prenatal Care: 1st Trimester	14,215	66.8	10,169	69.6	29,754	68.8	16,355	72.0
Prenatal Care: 2nd Trimester	5,226	24.6	3,467	23.7	10,017	23.2	4,816	21.2
Prenatal Care: 3rd Trimester	1,117	5.3	671	4.6	2,187	5.1	1,148	5.1
Prenatal Care: None	707	3.3	308	2.1	1,261	2.9	387	1.7
Prenatal Care: Inadequate	4,471	21.2	3,013	20.7	9,045	21.0	4,614	20.4
Maternal Utilization: Medicaid	6,817	31.9	5,924	40.2	16,441	37.8	10,543	45.9
Maternal Utilization: WIC	4,812	22.4	3,938	26.9	11,309	26.1	8,312	36.4
Maternal Utilization: Food Stamps	4,086	19.2	2,685	22.4	8,413	20.8	4,676	21.4
Mother's Age: At Delivery	18	0.1	13	0.1	33	0.1	8	0.0
15-17	195	0.9	192	1.3	504	1.1	304	1.3
18-19	503	2.3	452	3.1	1,287	2.9	1,068	4.6
20-24	3,069	14.1	2,685	18.2	7,475	17.0	6,185	26.8
25-29	6,012	27.5	4,587	31.0	12,799	29.1	7,564	32.8
30-34	7,509	34.4	4,415	29.9	13,759	31.3	5,345	23.2
35-39	3,735	17.1	2,014	13.6	6,710	15.3	2,122	9.2
40 and Over	791	3.6	426	2.9	1,386	3.2	485	2.1

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	283	100.0	155	100.0	60	100.0	305	100.0	409	100.0	162	100.0	210	100.0
Birth Weight: Under 2500 Grams	23	8.2	10	6.5	6	10.0	31	10.2	41	10.0	19	11.7	18	8.6
Birth Weight: Above 4499 Grams	2	0.7	2	1.3	0	0.0	3	1.0	6	1.5	2	1.2	0	0.0
Gest. Age: Less than 37 Weeks	26	9.2	11	7.1	7	11.7	42	13.8	47	11.5	19	11.7	30	14.3
APGAR (5 Min.): Less than 8	51	18.1	7	4.5	4	6.7	23	7.6	40	9.8	10	6.2	20	9.5
Infant Care: NICU Admission	15	5.3	13	8.4	5	8.3	49	16.1	45	11.0	22	13.6	21	10.0
Infant Care: Transfer	11	3.9	2	1.3	2	3.3	2	0.7	7	1.7	2	1.2	0	0.0
Place of Birth: At-Home Delivery	20	7.1	1	0.6	0	0.0	5	1.6	14	3.4	10	6.2	7	3.3
Method of Delivery: Cesarean	90	31.8	46	29.7	21	35.0	111	36.4	121	29.6	48	29.6	62	29.8
Infant Care: Breastfed	242	85.8	116	75.3	48	80.0	254	83.6	329	81.8	145	90.1	167	79.9
Mat. Smoking: During Preg.	33	11.7	17	11.1	7	11.7	42	14.0	35	8.7	21	13.5	31	14.9
...Quit Smoking During Preg.	6	18.2	4	23.5	2	28.6	13	31.0	5	14.3	3	14.3	5	16.1
Mat. Wt.: Underweight	4	1.4	5	3.2	1	1.7	12	4.0	15	3.8	9	5.7	4	1.9
Mat. Wt.: Obese	107	37.9	57	37.0	22	36.7	114	37.7	145	36.6	61	38.9	76	36.9
Mat. Sing. Wt. Gain: Low	60	23.5	21	15.1	11	21.2	53	20.6	60	17.2	23	16.8	16	9.4
Mat. Sing. Wt. Gain: High	25	9.8	45	32.4	11	21.2	52	20.2	68	19.5	21	15.3	37	21.6
Mother's Education: Under 12 Yrs.	37	13.1	5	3.2	6	10.0	76	25.0	73	17.9	40	24.7	29	13.8
Marital Status: Out-of-Wedlock	113	39.9	48	31.0	25	41.7	130	42.6	164	40.1	55	34.0	88	41.9
Live Birth Order: 4 or More	44	15.5	18	11.6	7	11.7	58	19.0	62	15.2	37	22.8	29	13.8
Birth Spacing: Less than 18 Mos.	28	14.9	11	11.5	6	16.7	17	8.7	38	14.5	20	18.3	12	9.8
Prenatal Care: 1st Trimester	189	67.7	125	81.7	49	81.7	203	67.9	297	73.2	115	71.4	152	73.1
Prenatal Care: 2nd Trimester	68	24.4	25	16.3	9	15.0	66	22.1	82	20.2	40	24.8	46	22.1
Prenatal Care: 3rd Trimester	15	5.4	2	1.3	2	3.3	27	9.0	21	5.2	6	3.7	7	3.4
Prenatal Care: None	7	2.5	1	0.7	0	0.0	3	1.0	6	1.5	0	0.0	3	1.4
Prenatal Care: Inadequate	73	26.2	15	9.8	8	13.3	84	28.2	87	21.5	29	18.2	42	20.3
Maternal Utilization: Medicaid	118	41.7	44	28.4	21	35.0	140	46.1	208	51.1	73	45.1	92	44.4
Maternal Utilization: WIC	112	39.7	37	24.0	22	36.7	96	31.5	159	39.8	60	37.5	67	31.9
Maternal Utilization: FSP	67	24.4	18	12.2	9	25.7	64	21.5	84	23.5	38	26.4	34	23.1
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	0	0.0	1	0.6	0	0.0	5	1.6	2	0.5	3	1.9	1	0.5
18-19	9	3.2	3	1.9	3	5.0	21	6.9	23	5.6	4	2.5	5	2.4
20-24	81	28.7	34	21.9	17	28.3	70	23.0	128	31.3	48	29.8	63	30.0
25-29	91	32.3	55	35.5	18	30.0	99	32.5	135	33.0	54	33.5	80	38.1
30-34	61	21.6	43	27.7	17	28.3	61	20.0	83	20.3	37	23.0	46	21.9
35-39	32	11.3	16	10.3	5	8.3	39	12.8	29	7.1	11	6.8	13	6.2
40 and Over	8	2.8	3	1.9	0	0.0	10	3.3	9	2.2	4	2.5	2	1.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	162	100.0	140	100.0	1,823	100.0	1,000	100.0	492	100.0	89	100.0	459	100.0
Birth Weight: Under 2500 Grams	8	4.9	14	10.0	175	9.6	96	9.6	57	11.6	7	7.9	49	10.7
Birth Weight: Above 4499 Grams	2	1.2	2	1.4	13	0.7	5	0.5	0	0.0	2	2.2	3	0.7
Gest. Age: Less than 37 Weeks	11	6.8	19	13.7	217	11.9	101	10.1	67	13.6	6	6.7	69	15.0
APGAR (5 Min.): Less than 8	22	13.6	10	7.1	137	7.5	42	4.2	22	4.5	1	1.1	35	7.6
Infant Care: NICU Admission	11	6.8	19	13.6	247	13.5	111	11.1	21	4.3	7	7.9	79	17.2
Infant Care: Transfer	3	1.9	0	0.0	19	1.0	21	2.1	18	3.7	0	0.0	11	2.4
Place of Birth: At-Home Delivery	11	6.8	3	2.1	29	1.6	12	1.2	7	1.4	2	2.2	6	1.3
Method of Delivery: Cesarean	48	29.8	51	36.7	640	35.1	256	25.6	134	27.2	28	31.5	142	30.9
Infant Care: Breastfed	117	73.6	98	70.0	1,585	87.3	662	66.5	325	66.2	71	81.6	385	84.1
Mat. Smoking: During Preg.	24	14.9	19	13.7	111	6.1	127	12.8	73	15.0	9	10.3	48	10.5
...Quit Smoking During Preg.	3	12.5	5	26.3	31	27.9	19	15.0	15	20.5	1	11.1	12	25.0
Mat. Wt.: Underweight	7	4.4	2	1.4	48	2.7	32	3.2	19	4.0	0	0.0	14	3.1
Mat. Wt.: Obese	58	36.3	66	47.5	560	31.0	362	36.4	169	35.9	30	34.1	173	37.8
Mat. Sing. Wt. Gain: Low	16	11.1	19	16.5	230	14.5	148	16.6	61	15.4	20	24.4	65	17.0
Mat. Sing. Wt. Gain: High	20	13.9	23	20.0	315	19.9	252	28.3	104	26.2	15	18.3	94	24.6
Mother's Education: Under 12 Yrs.	28	17.3	20	14.3	165	9.1	183	18.5	87	17.9	9	10.1	53	11.6
Marital Status: Out-of-Wedlock	63	38.9	56	40.0	629	34.5	551	55.1	275	55.9	29	32.6	188	41.0
Live Birth Order: 4 or More	35	21.7	22	15.7	225	12.3	157	15.7	68	13.8	13	14.6	71	15.5
Birth Spacing: Less than 18 Mos.	26	25.5	11	13.3	118	11.4	90	14.9	47	16.4	11	20.0	30	10.9
Prenatal Care: 1st Trimester	105	65.6	110	80.3	1,429	78.8	688	69.3	366	75.0	67	75.3	364	80.2
Prenatal Care: 2nd Trimester	39	24.4	20	14.6	308	17.0	200	20.1	95	19.5	18	20.2	62	13.7
Prenatal Care: 3rd Trimester	10	6.3	5	3.6	68	3.8	78	7.9	21	4.3	3	3.4	22	4.8
Prenatal Care: None	6	3.8	2	1.5	8	0.4	27	2.7	6	1.2	1	1.1	6	1.3
Prenatal Care: Inadequate	48	30.0	14	10.2	322	17.8	215	21.6	97	19.9	13	14.9	73	16.1
Maternal Utilization: Medicaid	81	50.9	63	45.0	665	36.5	567	56.8	372	75.6	37	42.5	188	41.0
Maternal Utilization: WIC	53	33.1	61	43.9	405	22.3	368	37.7	274	57.0	30	33.7	141	30.9
Maternal Utilization: FSP	37	23.7	39	28.5	322	17.8	290	31.4	190	39.9	14	16.5	80	17.7
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0
15-17	1	0.6	1	0.7	15	0.8	16	1.6	8	1.6	2	2.2	12	2.6
18-19	9	5.6	8	5.7	56	3.1	55	5.5	42	8.5	2	2.2	17	3.7
20-24	42	25.9	41	29.3	284	15.6	263	26.3	171	34.8	31	34.8	90	19.6
25-29	43	26.5	46	32.9	548	30.1	319	31.9	119	24.2	26	29.2	158	34.4
30-34	46	28.4	36	25.7	542	29.7	222	22.2	110	22.4	21	23.6	114	24.8
35-39	19	11.7	3	2.1	315	17.3	107	10.7	34	6.9	7	7.9	56	12.2
40 and Over	2	1.2	5	3.6	63	3.5	17	1.7	8	1.6	0	0.0	12	2.6

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	333	100.0	882	100.0	78	100.0	82	100.0	1,126	100.0	175	100.0	68	100.0
Birth Weight: Under 2500 Grams	24	7.2	81	9.2	7	9.0	2	2.4	94	8.3	11	6.3	6	8.8
Birth Weight: Above 4499 Grams	5	1.5	18	2.0	0	0.0	0	0.0	15	1.3	2	1.1	2	2.9
Gest. Age: Less than 37 Weeks	33	9.9	85	9.7	9	11.5	12	14.6	119	10.6	12	6.9	6	8.8
APGAR (5 Min.): Less than 8	23	7.0	68	7.7	6	7.7	0	0.0	50	4.5	12	7.1	3	4.4
Infant Care: NICU Admission	28	8.4	97	11.0	7	9.0	4	4.9	120	10.7	6	3.4	5	7.4
Infant Care: Transfer	9	2.7	14	1.6	1	1.3	2	2.4	9	0.8	4	2.3	0	0.0
Place of Birth: At-Home Delivery	6	1.8	14	1.6	4	5.1	0	0.0	39	3.5	30	17.1	2	2.9
Method of Delivery: Cesarean	91	27.3	280	31.8	26	33.3	20	24.4	309	27.4	38	21.7	17	25.0
Infant Care: Breastfed	267	80.9	638	72.8	56	74.7	60	73.2	994	89.0	146	83.9	57	83.8
Mat. Smoking: During Preg.	37	11.3	71	8.1	11	14.7	11	13.4	57	5.1	12	6.9	5	7.5
...Quit Smoking During Preg.	10	27.0	13	18.3	4	36.4	2	18.2	12	21.1	2	16.7	0	0.0
Mat. Wt.: Underweight	15	4.5	20	2.3	1	1.3	3	3.9	34	3.0	5	2.9	3	4.5
Mat. Wt.: Obese	92	27.6	298	34.0	28	36.8	27	35.5	410	36.7	45	25.9	18	26.9
Mat. Sing. Wt. Gain: Low	41	13.8	133	17.6	7	10.8	13	20.6	140	14.3	30	19.0	5	8.1
Mat. Sing. Wt. Gain: High	79	26.5	136	18.0	15	23.1	12	19.0	179	18.3	29	18.4	16	25.8
Mother's Education: Under 12 Yrs.	36	10.8	82	9.3	11	14.1	14	17.3	60	5.4	57	32.6	5	7.4
Marital Status: Out-of-Wedlock	137	41.1	356	40.4	25	32.1	39	47.6	371	32.9	58	33.1	24	35.3
Live Birth Order: 4 or More	35	10.5	116	13.2	14	17.9	18	22.0	142	12.6	49	28.0	7	10.3
Birth Spacing: Less than 18 Mos.	34	17.8	69	13.9	5	10.9	8	13.8	67	9.9	17	14.8	3	6.1
Prenatal Care: 1st Trimester	250	76.5	681	78.1	62	79.5	71	86.6	793	70.7	109	62.3	51	77.3
Prenatal Care: 2nd Trimester	62	19.0	148	17.0	11	14.1	6	7.3	280	25.0	56	32.0	13	19.7
Prenatal Care: 3rd Trimester	9	2.8	37	4.2	2	2.6	2	2.4	33	2.9	9	5.1	2	3.0
Prenatal Care: None	6	1.8	6	0.7	3	3.8	3	3.7	15	1.3	1	0.6	0	0.0
Prenatal Care: Inadequate	39	12.0	141	16.1	14	17.9	6	7.3	172	15.4	44	25.3	9	13.8
Maternal Utilization: Medicaid	195	58.7	358	40.6	32	41.0	59	72.0	327	29.1	82	46.9	19	27.9
Maternal Utilization: WIC	115	35.4	209	24.1	30	38.5	48	60.0	217	19.4	51	30.2	21	30.9
Maternal Utilization: FSP	71	22.0	194	22.3	10	13.0	31	38.3	109	14.6	30	17.8	9	13.2
Mother's Age: At Delivery	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0
15-17	5	1.5	22	2.5	2	2.6	1	1.2	7	0.6	2	1.1	1	1.5
18-19	17	5.1	34	3.9	4	5.1	4	4.9	25	2.2	10	5.7	1	1.5
20-24	86	25.8	188	21.3	20	25.6	30	36.6	197	17.5	58	33.1	20	29.4
25-29	116	34.8	269	30.5	24	30.8	27	32.9	396	35.2	53	30.3	20	29.4
30-34	64	19.2	243	27.6	20	25.6	12	14.6	334	29.7	34	19.4	19	27.9
35-39	34	10.2	114	12.9	7	9.0	5	6.1	139	12.3	11	6.3	6	8.8
40 and Over	10	3.0	12	1.4	1	1.3	3	3.7	28	2.5	6	3.4	1	1.5

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	1,027	100.0	65	100.0	2,835	100.0	229	100.0	847	100.0	173	100.0	244	100.0
Birth Weight: Under 2500 Grams	64	6.2	8	12.3	219	7.7	29	12.7	67	7.9	20	11.6	24	9.8
Birth Weight: Above 4499 Grams	18	1.8	0	0.0	31	1.1	2	0.9	11	1.3	1	0.6	3	1.2
Gest. Age: Less than 37 Weeks	85	8.3	11	16.9	298	10.5	27	11.8	93	11.0	33	19.2	29	11.9
APGAR (5 Min.): Less than 8	37	3.6	7	10.8	158	5.6	11	4.8	55	6.5	10	5.8	29	11.9
Infant Care: NICU Admission	97	9.4	2	3.1	292	10.3	20	8.7	98	11.6	24	14.0	27	11.1
Infant Care: Transfer	7	0.7	1	1.5	23	0.8	1	0.4	23	2.7	2	1.2	22	9.0
Place of Birth: At-Home Delivery	21	2.0	6	9.2	75	2.6	9	3.9	18	2.1	5	2.9	5	2.0
Method of Delivery: Cesarean	259	25.2	17	26.2	835	29.5	59	25.8	231	27.3	55	32.0	79	32.4
Infant Care: Breastfed	930	91.1	51	78.5	2,405	85.6	175	78.1	698	82.6	152	88.9	190	78.2
Mat. Smoking: During Preg.	46	4.5	10	15.4	112	4.0	17	7.4	69	8.2	10	5.9	37	15.4
...Quit Smoking During Preg.	13	28.3	1	10.0	30	26.8	3	17.6	13	18.8	6	60.0	6	16.2
Mat. Wt.: Underweight	32	3.2	4	6.2	73	2.6	7	3.1	21	2.5	6	3.5	4	1.7
Mat. Wt.: Obese	302	29.8	16	24.6	868	31.0	77	33.9	302	36.0	54	31.4	101	41.9
Mat. Sing. Wt. Gain: Low	106	11.5	3	5.6	352	14.4	24	12.6	123	17.0	20	14.4	40	19.4
Mat. Sing. Wt. Gain: High	218	23.7	7	13.0	549	22.5	55	28.8	159	21.9	33	23.7	40	19.4
Mother's Education: Under 12 Yrs.	65	6.3	14	21.5	163	5.8	17	7.4	79	9.4	17	9.9	37	15.4
Marital Status: Out-of-Wedlock	243	23.7	22	33.8	955	33.7	74	32.3	342	40.4	55	31.8	111	45.5
Live Birth Order: 4 or More	123	12.0	19	29.2	315	11.1	34	14.8	111	13.1	25	14.5	41	16.8
Birth Spacing: Less than 18 Mos.	59	9.4	4	8.7	184	11.5	15	10.9	69	14.4	12	11.7	17	12.4
Prenatal Care: 1st Trimester	798	78.4	45	70.3	2,120	76.0	174	78.4	703	83.8	144	84.7	177	74.7
Prenatal Care: 2nd Trimester	157	15.4	13	20.3	521	18.7	41	18.5	108	12.9	22	12.9	43	18.1
Prenatal Care: 3rd Trimester	37	3.6	5	7.8	98	3.5	7	3.2	22	2.6	3	1.8	10	4.2
Prenatal Care: None	26	2.6	1	1.6	49	1.8	0	0.0	6	0.7	1	0.6	7	3.0
Prenatal Care: Inadequate	157	15.5	20	30.8	436	15.7	29	13.2	109	13.0	23	13.5	40	16.8
Maternal Utilization: Medicaid	372	36.3	25	38.5	829	29.4	65	28.9	309	36.5	65	37.8	123	51.3
Maternal Utilization: WIC	223	21.9	23	35.9	476	17.0	45	19.7	233	27.7	47	27.3	92	38.2
Maternal Utilization: FSP	112	11.1	6	20.7	364	14.7	35	16.0	167	19.8	23	13.6	56	23.1
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.0	0	0.0	1	0.1	0	0.0	0	0.0
15-17	6	0.6	0	0.0	31	1.1	3	1.3	13	1.5	0	0.0	9	3.7
18-19	39	3.8	1	1.5	62	2.2	8	3.5	29	3.4	9	5.2	15	6.1
20-24	182	17.7	16	24.6	447	15.8	50	21.8	179	21.1	34	19.7	55	22.5
25-29	350	34.1	22	33.8	906	32.0	73	31.9	282	33.3	55	31.8	75	30.7
30-34	292	28.4	18	27.7	912	32.2	66	28.8	215	25.4	56	32.4	62	25.4
35-39	138	13.4	6	9.2	379	13.4	18	7.9	108	12.8	12	6.9	17	7.0
40 and Over	20	1.9	2	3.1	96	3.4	11	4.8	20	2.4	7	4.0	11	4.5

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	64	100.0	205	100.0	110	100.0	90	100.0	140	100.0	146	100.0	351	100.0
Birth Weight: Under 2500 Grams	4	6.3	13	6.3	5	4.6	11	12.2	8	5.7	9	6.2	32	9.1
Birth Weight: Above 4499 Grams	1	1.6	2	1.0	1	0.9	0	0.0	2	1.4	4	2.7	4	1.1
Gest. Age: Less than 37 Weeks	5	7.8	16	7.8	9	8.2	9	10.0	9	6.4	12	8.2	43	12.3
APGAR (5 Min.): Less than 8	5	7.9	12	6.0	13	11.9	5	5.6	9	6.5	11	7.7	24	6.9
Infant Care: NICU Admission	4	6.3	13	6.3	4	3.6	13	14.4	4	2.9	11	7.5	22	6.3
Infant Care: Transfer	0	0.0	2	1.0	3	2.7	3	3.3	3	2.1	1	0.7	16	4.6
Place of Birth: At-Home Delivery	4	6.3	10	4.9	31	28.2	2	2.2	6	4.3	12	8.2	0	0.0
Method of Delivery: Cesarean	17	26.6	60	29.4	18	16.4	24	26.7	29	21.0	26	17.9	114	32.5
Infant Care: Breastfed	56	87.5	176	86.3	91	85.8	71	79.8	104	74.3	124	86.1	168	48.7
Mat. Smoking: During Preg.	8	12.5	20	9.9	7	6.4	15	16.9	16	11.4	18	12.3	42	12.0
...Quit Smoking During Preg.	4	50.0	5	25.0	2	28.6	0	0.0	4	25.0	2	11.1	8	19.0
Mat. Wt.: Underweight	6	9.5	7	3.5	1	1.2	4	4.4	5	3.6	2	1.4	20	6.1
Mat. Wt.: Obese	24	38.1	55	27.4	33	39.8	36	40.0	56	40.0	56	39.7	143	43.3
Mat. Sing. Wt. Gain: Low	11	18.6	28	15.4	15	20.3	19	24.1	21	16.2	23	18.0	81	28.6
Mat. Sing. Wt. Gain: High	13	22.0	36	19.8	18	24.3	14	17.7	25	19.2	22	17.2	56	19.8
Mother's Education: Under 12 Yrs.	7	10.9	60	29.4	45	40.9	10	11.1	18	12.9	20	13.7	80	22.9
Marital Status: Out-of-Wedlock	27	42.2	53	25.9	23	20.9	38	42.2	48	34.3	44	30.1	216	61.5
Live Birth Order: 4 or More	14	21.9	56	27.3	35	31.8	14	15.6	28	20.1	29	19.9	72	20.6
Birth Spacing: Less than 18 Mos.	6	14.0	14	9.8	16	20.0	4	6.5	13	15.1	12	11.4	44	19.2
Prenatal Care: 1st Trimester	45	71.4	155	76.4	66	62.3	69	77.5	94	67.6	90	63.4	248	72.3
Prenatal Care: 2nd Trimester	12	19.0	37	18.2	33	31.1	13	14.6	39	28.1	27	19.0	65	19.0
Prenatal Care: 3rd Trimester	5	7.9	8	3.9	6	5.7	6	6.7	4	2.9	14	9.9	23	6.7
Prenatal Care: None	1	1.6	3	1.5	1	0.9	1	1.1	2	1.4	11	7.7	7	2.0
Prenatal Care: Inadequate	11	17.5	36	17.7	39	37.5	15	17.4	31	22.3	46	32.4	78	22.7
Maternal Utilization: Medicaid	26	40.6	89	43.6	26	24.1	44	48.9	72	52.2	81	55.5	264	75.6
Maternal Utilization: WIC	24	39.3	62	30.7	31	28.2	24	27.3	64	46.0	62	42.8	205	59.4
Maternal Utilization: FSP	16	25.8	36	17.8	11	10.2	17	20.5	41	29.7	36	25.5	136	50.6
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.6
15-17	0	0.0	3	1.5	0	0.0	0	0.0	2	1.4	2	1.4	15	4.3
18-19	1	1.6	9	4.4	3	2.7	5	5.6	5	3.6	8	5.5	25	7.1
20-24	17	26.6	44	21.5	31	28.2	20	22.2	36	25.7	53	36.3	119	33.9
25-29	19	29.7	69	33.7	37	33.6	28	31.1	50	35.7	30	20.5	104	29.6
30-34	21	32.8	53	25.9	25	22.7	23	25.6	33	23.6	30	20.5	61	17.4
35-39	6	9.4	20	9.8	11	10.0	13	14.4	13	9.3	18	12.3	22	6.3
40 and Over	0	0.0	7	3.4	3	2.7	1	1.1	1	0.7	5	3.4	3	0.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	1,125	100.0	170	100.0	82	100.0	3,156	100.0	130	100.0	120	100.0	210	100.0
Birth Weight: Under 2500 Grams	107	9.5	12	7.1	2	2.4	275	8.7	8	6.2	10	8.3	19	9.0
Birth Weight: Above 4499 Grams	16	1.4	1	0.6	0	0.0	41	1.3	3	2.3	3	2.5	5	2.4
Gest. Age: Less than 37 Weeks	120	10.7	20	11.8	4	4.9	328	10.4	12	9.3	9	7.5	26	12.4
APGAR (5 Min.): Less than 8	73	6.5	16	9.4	3	4.0	159	5.1	11	8.7	7	6.2	22	10.6
Infant Care: NICU Admission	96	8.5	16	9.4	2	2.4	381	12.1	15	11.5	10	8.3	16	7.6
Infant Care: Transfer	33	2.9	7	4.1	0	0.0	20	0.6	3	2.3	4	3.3	5	2.4
Place of Birth: At-Home Delivery	20	1.8	2	1.2	6	7.3	52	1.6	19	14.6	11	9.2	9	4.3
Method of Delivery: Cesarean	334	29.7	46	27.1	18	22.0	910	28.9	31	23.8	31	25.8	68	32.4
Infant Care: Breastfed	909	81.4	130	76.5	68	82.9	2,679	86.1	107	83.6	101	84.2	148	73.3
Mat. Smoking: During Preg.	107	9.7	25	14.8	6	7.3	225	7.2	8	6.4	19	15.8	21	10.2
...Quit Smoking During Preg.	24	2.4	5	20.0	2	33.3	51	22.7	3	37.5	2	10.5	6	28.6
Mat. Wt.: Underweight	32	2.9	8	4.8	4	4.9	121	3.9	5	4.8	5	4.3	5	2.4
Mat. Wt.: Obese	366	32.9	71	42.3	30	36.6	1,066	34.6	31	29.5	46	40.0	81	39.5
Mat. Sing. Wt. Gain: Low	172	17.5	27	18.5	13	17.1	404	14.9	14	15.9	16	15.2	24	13.8
Mat. Sing. Wt. Gain: High	228	23.1	24	16.4	19	25.0	674	24.8	23	26.1	23	21.9	38	21.8
Mother's Education: Under 12 Yrs.	102	9.1	21	12.4	13	15.9	321	10.2	48	36.9	34	28.3	29	13.9
Marital Status: Out-of-Wedlock	425	37.8	72	42.4	25	30.5	1,214	38.5	31	23.8	38	31.7	78	37.1
Live Birth Order: 4 or More	153	13.6	23	13.5	14	17.1	430	13.7	29	22.3	22	18.3	33	15.7
Birth Spacing: Less than 18 Mos.	79	11.8	16	14.4	5	8.6	227	12.4	21	25.3	6	10.0	16	11.9
Prenatal Care: 1st Trimester	845	76.5	132	78.1	64	79.0	2,207	70.7	68	55.7	77	64.7	154	74.4
Prenatal Care: 2nd Trimester	211	19.1	31	18.3	13	16.0	572	18.3	33	27.0	27	22.7	40	19.3
Prenatal Care: 3rd Trimester	33	3.0	5	3.0	3	3.7	171	5.5	17	13.9	11	9.2	10	4.8
Prenatal Care: None	15	1.4	1	0.6	1	1.2	170	5.4	4	3.3	4	3.4	3	1.4
Prenatal Care: Inadequate	157	14.4	26	15.4	16	19.5	738	23.7	47	38.8	32	27.4	37	17.9
Maternal Utilization: Medicaid	384	34.6	68	40.5	29	35.4	1,470	46.6	45	34.9	50	42.4	101	50.0
Maternal Utilization: WIC	234	21.0	46	27.2	20	24.4	1,152	36.9	36	27.9	34	28.6	72	34.8
Maternal Utilization: FSP	168	15.2	30	17.6	10	13.0	605	19.6	22	17.3	20	18.9	42	23.0
Mother's Age: At Delivery	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
15-17	8	0.7	2	1.2	0	0.0	42	1.3	1	0.8	1	0.8	3	1.4
18-19	36	3.2	6	3.5	4	4.9	127	4.0	8	6.2	8	6.7	6	2.9
20-24	222	19.7	42	24.7	14	17.1	755	23.9	37	28.5	42	35.0	58	27.6
25-29	404	35.9	66	38.8	30	36.6	1,014	32.1	35	26.9	31	25.8	68	32.4
30-34	305	27.1	46	27.1	22	26.8	797	25.3	34	26.2	28	23.3	52	24.8
35-39	130	11.6	7	4.1	11	13.4	339	10.7	11	8.5	8	6.7	19	9.0
40 and Over	19	1.7	1	0.6	1	1.2	79	2.5	4	3.1	2	1.7	4	1.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	Hickory		Holt		Howard		Howell		Iron		Jackson		Jasper	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	94	100.0	39	100.0	92	100.0	452	100.0	94	100.0	8,565	100.0	1,573	100.0
Birth Weight: Under 2500 Grams	5	5.3	3	7.7	8	8.7	37	8.2	7	7.4	808	9.4	119	7.6
Birth Weight: Above 4499 Grams	0	0.0	0	0.0	0	0.0	3	0.7	1	1.1	78	0.9	10	0.6
Gest. Age: Less than 37 Weeks	9	9.6	5	12.8	14	15.2	47	10.4	11	11.8	934	10.9	183	11.6
APGAR (5 Min.): Less than 8	8	8.9	1	2.6	5	5.5	41	9.1	4	4.3	546	6.4	79	5.0
Infant Care: NICU Admission	7	7.5	1	2.6	9	9.8	36	8.0	10	10.6	1,031	12.0	181	11.5
Infant Care: Transfer	1	1.1	0	0.0	1	1.1	13	2.9	7	7.4	67	0.8	3	0.2
Place of Birth: At-Home Delivery	8	8.5	0	0.0	1	1.1	16	3.5	2	2.1	216	2.5	15	1.0
Method of Delivery: Cesarean	30	31.9	10	25.6	30	32.6	98	21.7	25	26.6	2,486	29.0	515	32.8
Infant Care: Breastfed	79	84.9	31	79.5	74	81.3	370	82.6	60	64.5	7,050	82.9	1,336	85.5
Mat. Smoking: During Preg.	6	6.5	5	12.8	9	9.8	55	12.2	15	16.3	372	4.4	103	6.9
...Quit Smoking During Preg.	2	33.3	1	20.0	1	11.1	10	18.2	1	6.7	96	25.8	17	16.5
Mat. Wt.: Underweight	3	3.2	0	0.0	2	2.2	15	3.3	2	2.2	247	3.0	69	4.6
Mat. Wt.: Obese	28	29.8	10	25.6	26	28.6	166	37.1	26	29.2	2,834	34.1	553	36.7
Mat. Sing. Wt. Gain: Low	8	9.4	2	5.9	13	17.3	73	18.3	12	15.2	1,271	17.4	283	21.5
Mat. Sing. Wt. Gain: High	20	23.5	12	35.3	16	21.3	84	21.1	22	27.8	1,441	19.7	266	20.2
Mother's Education: Under 12 Yrs.	25	26.6	3	7.7	4	4.3	68	15.0	12	12.8	1,201	14.1	267	17.1
Marital Status: Out-of-Wedlock	35	37.2	14	35.9	34	37.0	197	43.6	38	40.4	4,114	48.0	721	45.8
Live Birth Order: 4 or More	14	14.9	6	15.4	10	10.9	56	12.4	14	14.9	1,291	15.1	231	14.7
Birth Spacing: Less than 18 Mos.	9	14.5	2	6.9	12	20.7	34	12.9	12	19.7	580	11.6	142	15.2
Prenatal Care: 1st Trimester	61	65.6	29	76.3	75	82.4	293	68.1	60	65.2	5,553	65.6	1,096	70.2
Prenatal Care: 2nd Trimester	26	28.0	8	21.1	13	14.3	99	23.0	22	23.9	2,224	26.3	369	23.6
Prenatal Care: 3rd Trimester	6	6.5	1	2.6	3	3.3	23	5.3	8	8.7	470	5.6	68	4.4
Prenatal Care: None	0	0.0	0	0.0	0	0.0	15	3.5	2	2.2	221	2.6	28	1.8
Prenatal Care: Inadequate	20	21.5	6	15.8	10	11.1	110	25.8	22	24.2	2,061	24.3	282	18.1
Maternal Utilization: Medicaid	44	46.8	11	28.2	30	32.6	282	62.4	53	56.4	4,007	47.0	863	55.2
Maternal Utilization: WIC	37	39.8	9	23.7	23	25.0	233	52.2	49	52.7	2,740	32.5	575	37.3
Maternal Utilization: FSP	14	16.1	6	17.6	10	10.9	125	29.8	28	30.8	1,926	28.2	365	24.4
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	0.1	0	0.0
15-17	1	1.1	0	0.0	0	0.0	13	2.9	0	0.0	133	1.6	37	2.4
18-19	5	5.3	0	0.0	8	8.7	25	5.5	3	3.2	301	3.5	85	5.4
20-24	27	28.7	6	15.4	18	19.6	141	31.2	30	31.9	1,604	18.8	448	28.5
25-29	30	31.9	11	28.2	33	35.9	149	33.0	29	30.9	2,565	30.0	504	32.1
30-34	20	21.3	16	41.0	24	26.1	79	17.5	27	28.7	2,487	29.1	345	21.9
35-39	8	8.5	5	12.8	7	7.6	39	8.6	4	4.3	1,206	14.1	129	8.2
40 and Over	3	3.2	1	2.6	2	2.2	6	1.3	1	1.1	246	2.9	24	1.5

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	2,368	100.0	687	100.0	50	100.0	456	100.0	358	100.0	497	100.0	95	100.0
Birth Weight: Under 2500 Grams	204	8.6	47	6.8	1	2.0	37	8.1	33	9.2	37	7.4	9	9.5
Birth Weight: Above 4499 Grams	23	1.0	12	1.7	0	0.0	6	1.3	4	1.1	5	1.0	1	1.1
Gest. Age: Less than 37 Weeks	319	13.5	63	9.2	1	2.0	42	9.2	50	14.0	51	10.3	7	7.4
APGAR (5 Min.): Less than 8	143	6.1	58	8.5	3	6.0	26	5.7	35	9.9	33	6.7	4	4.3
Infant Care: NICU Admission	260	11.0	54	7.9	1	2.0	37	8.1	39	10.9	52	10.5	4	4.2
Infant Care: Transfer	59	2.5	9	1.3	0	0.0	18	3.9	7	2.0	5	1.0	4	4.2
Place of Birth: At-Home Delivery	32	1.4	22	3.2	10	20.0	6	1.3	8	2.2	24	4.8	4	4.2
Method of Delivery: Cesarean	806	34.1	170	24.7	14	28.0	126	27.6	98	27.4	130	26.2	28	29.5
Infant Care: Breastfed	1,846	78.5	508	75.1	47	94.0	337	74.6	284	79.8	403	82.2	82	87.2
Mat. Smoking: During Preg.	150	6.5	41	6.0	3	6.0	69	15.2	33	9.3	50	10.2	14	14.7
...Quit Smoking During Preg.	33	22.0	8	19.5	1	33.3	10	14.5	5	15.2	16	32.0	3	21.4
Mat. Wt.: Underweight	85	3.6	24	3.5	1	2.0	22	4.9	24	6.8	20	4.1	5	5.3
Mat. Wt.: Obese	816	34.9	208	30.7	20	40.0	177	39.1	124	34.9	180	36.8	29	30.5
Mat. Sing. Wt. Gain: Low	279	13.9	79	12.9	9	19.1	80	20.0	46	15.3	82	19.0	5	5.7
Mat. Sing. Wt. Gain: High	487	24.3	132	21.5	4	8.5	83	20.8	63	20.9	86	19.9	16	18.2
Mother's Education: Under 12 Yrs.	157	6.6	50	7.3	21	42.0	77	16.9	35	9.8	97	19.6	10	10.5
Marital Status: Out-of-Wedlock	855	36.1	194	28.2	7	14.0	200	43.9	139	38.8	185	37.2	32	33.7
Live Birth Order: 4 or More	254	10.7	80	11.7	12	24.0	89	19.5	41	11.5	93	18.7	12	12.6
Birth Spacing: Less than 18 Mos.	158	11.6	53	13.3	4	12.1	44	14.8	26	11.7	49	16.1	11	22.0
Prenatal Care: 1st Trimester	1,579	68.4	480	70.8	33	67.3	328	72.2	273	77.1	337	68.6	76	81.7
Prenatal Care: 2nd Trimester	606	26.2	157	23.2	14	28.6	91	20.0	68	19.2	117	23.8	13	14.0
Prenatal Care: 3rd Trimester	90	3.9	33	4.9	2	4.1	21	4.6	12	3.4	24	4.9	4	4.3
Prenatal Care: None	35	1.5	8	1.2	0	0.0	14	3.1	1	0.3	13	2.6	0	0.0
Prenatal Care: Inadequate	350	15.3	143	21.2	15	30.6	90	19.8	51	14.4	97	19.8	13	13.8
Maternal Utilization: Medicaid	640	27.5	182	26.6	15	30.0	289	63.4	157	43.9	235	47.8	19	20.0
Maternal Utilization: WIC	421	18.0	191	28.1	15	30.0	222	49.0	113	31.7	201	41.3	30	31.6
Maternal Utilization: FSP	324	14.0	81	13.0	7	15.6	124	27.4	56	16.4	85	17.7	2	5.0
Mother's Age: At Delivery	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Under 15	14	0.6	2	0.3	1	2.0	11	2.4	5	1.4	8	1.6	1	1.1
15-17	56	2.4	18	2.6	0	0.0	35	7.7	20	5.6	32	6.4	5	5.3
18-19	407	17.2	190	27.7	13	26.0	140	30.7	83	23.2	142	28.6	23	24.2
20-24	777	32.8	234	34.1	21	42.0	137	30.0	141	39.4	153	30.8	33	34.7
25-29	743	31.4	162	23.6	5	10.0	91	20.0	78	21.8	116	23.3	21	22.1
30-34	313	13.2	71	10.3	8	16.0	34	7.5	24	6.7	40	8.0	11	11.6
35-39	57	2.4	10	1.5	2	4.0	8	1.8	7	2.0	6	1.2	1	1.1
40 and Over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	769	100.0	130	100.0	156	100.0	176	100.0	115	100.0	88	100.0
Birth Weight: Under 2500 Grams	52	6.8	10	7.7	11	7.1	14	8.0	11	9.6	6	6.8
Birth Weight: Above 4499 Grams	12	1.6	3	2.3	4	2.6	2	1.1	0	0.0	1	1.1
Gest. Age: Less than 37 Weeks	81	10.5	14	10.8	18	11.5	22	12.5	14	12.2	7	8.0
APGAR (5 Min.): Less than 8	42	5.5	17	13.2	12	7.7	16	9.2	6	5.2	4	4.5
Infant Care: NICU Admission	52	6.8	11	8.5	21	13.5	22	12.5	10	8.7	5	5.7
Infant Care: Transfer	16	2.1	2	1.5	5	3.2	2	1.1	8	7.0	2	2.3
Place of Birth: At-Home Delivery	16	2.1	5	3.8	11	7.1	24	13.6	2	1.7	2	2.3
Method of Delivery: Cesarean	218	28.3	47	36.2	51	32.7	62	35.8	35	30.4	26	29.5
Infant Care: Breastfed	636	83.0	103	79.8	119	78.8	149	84.7	80	70.8	67	77.9
Mat. Smoking: During Preg.	41	5.4	18	14.0	14	9.2	18	10.3	19	16.7	12	13.6
...Quit Smoking During Preg.	6	14.6	6	33.3	5	35.7	2	11.1	4	21.1	0	0.0
Mat. Wt.: Underweight	21	2.7	11	8.7	1	0.7	3	1.7	6	5.2	3	3.4
Mat. Wt.: Obese	260	33.9	46	36.5	53	35.8	58	33.1	49	42.6	24	27.6
Mat. Sing. Wt. Gain: Low	93	13.9	22	20.0	18	14.2	21	13.7	14	14.0	17	21.3
Mat. Sing. Wt. Gain: High	176	26.3	22	20.0	23	18.1	34	22.2	28	28.0	9	11.3
Mother's Education: Under 12 Yrs.	37	4.8	21	16.2	24	15.4	33	18.9	16	13.9	14	15.9
Marital Status: Out-of-Wedlock	228	29.6	52	40.0	44	28.2	65	36.9	58	50.4	18	20.5
Live Birth Order: 4 or More	95	12.4	20	15.4	28	17.9	28	15.9	18	15.7	10	11.4
Birth Spacing: Less than 18 Mos.	71	15.2	10	12.7	14	13.7	10	9.1	14	16.9	4	7.3
Prenatal Care: 1st Trimester	562	75.9	101	78.9	102	66.7	121	69.5	86	76.8	63	74.1
Prenatal Care: 2nd Trimester	155	20.9	23	18.0	42	27.5	41	23.6	22	19.6	18	21.2
Prenatal Care: 3rd Trimester	20	2.7	1	0.8	9	5.9	10	5.7	3	2.7	2	2.4
Prenatal Care: None	3	0.4	3	2.3	0	0.0	2	1.1	1	0.9	2	2.4
Prenatal Care: Inadequate	105	14.3	31	24.4	25	16.4	51	29.1	18	16.5	16	18.6
Maternal Utilization: Medicaid	173	22.7	57	44.2	68	44.2	69	39.2	64	55.7	30	34.5
Maternal Utilization: WIC	125	16.3	52	40.0	54	34.8	58	33.1	57	50.0	12	13.6
Maternal Utilization: FSP	67	8.8	24	19.0	27	17.6	25	14.5	30	27.0	10	11.5
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	5	0.7	1	0.8	3	1.9	2	1.1	2	1.7	1	1.1
18-19	18	2.3	5	3.8	8	5.1	8	4.5	5	4.3	1	1.1
20-24	118	15.3	41	31.5	40	25.6	44	25.0	36	31.3	25	28.4
25-29	288	37.5	40	30.8	54	34.6	61	34.7	33	28.7	37	42.0
30-34	234	30.4	28	21.5	37	23.7	38	21.6	27	23.5	16	18.2
35-39	89	11.6	10	7.7	11	7.1	17	9.7	11	9.6	5	5.7
40 and Over	17	2.2	5	3.8	3	1.9	6	3.4	1	0.9	3	3.4

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	322	100.0	41	100.0	274	100.0	139	100.0	189	100.0	79	100.0	112	100.0
Birth Weight: Under 2500 Grams	40	12.4	2	4.9	24	8.8	10	7.2	9	4.8	6	7.6	14	12.5
Birth Weight: Above 4499 Grams	2	0.6	1	2.4	4	1.5	2	1.4	3	1.6	0	0.0	1	0.9
Gest. Age: Less than 37 Weeks	45	14.0	2	4.9	32	11.7	17	12.2	13	6.9	6	7.6	12	10.7
APGAR (5 Min.): Less than 8	22	6.9	2	5.1	22	8.1	6	4.3	8	4.3	5	6.3	7	6.3
Infant Care: NICU Admission	46	14.3	3	7.3	27	9.9	8	5.8	13	6.9	7	8.9	10	8.9
Infant Care: Transfer	5	1.6	1	2.4	11	4.0	3	2.2	5	2.6	4	5.1	3	2.7
Place of Birth: At-Home Delivery	9	2.8	10	24.4	8	2.9	1	0.7	9	4.8	0	0.0	7	6.3
Method of Delivery: Cesarean	103	32.0	10	24.4	75	27.4	45	32.4	42	22.3	26	32.9	29	25.9
Infant Care: Breastfed	266	83.4	34	85.0	220	80.6	67	48.9	159	84.6	64	81.0	89	80.2
Mat. Smoking: During Preg.	25	8.3	0	0.0	28	10.4	21	15.6	9	4.8	7	9.0	11	9.9
...Quit Smoking During Preg.	4	16.0	0	0.0	6	21.4	4	19.0	1	11.1	0	0.0	2	18.2
Mat. Wt.: Underweight	12	3.9	2	6.9	15	5.5	6	4.4	4	2.1	2	2.5	0	0.0
Mat. Wt.: Obese	118	38.1	10	34.5	93	34.2	55	40.7	67	35.4	21	26.6	33	29.5
Mat. Sing. Wt. Gain: Low	59	22.1	3	12.5	40	16.8	27	23.1	35	19.9	14	19.7	12	12.4
Mat. Sing. Wt. Gain: High	46	17.2	4	16.7	56	23.5	24	20.5	27	15.3	10	14.1	22	22.7
Mother's Education: Under 12 Yrs.	71	22.5	14	34.1	41	15.0	23	16.8	49	25.9	15	19.0	14	12.5
Marital Status: Out-of-Wedlock	136	42.2	5	12.2	104	38.0	75	54.0	62	32.8	30	38.0	51	45.5
Live Birth Order: 4 or More	69	21.5	10	24.4	37	13.5	30	21.6	29	15.3	9	11.4	17	15.2
Birth Spacing: Less than 18 Mos.	37	18.8	9	32.1	17	9.8	17	18.1	17	13.7	10	20.8	6	10.5
Prenatal Care: 1st Trimester	186	59.6	25	61.0	225	83.0	104	75.4	135	72.6	60	78.9	82	73.9
Prenatal Care: 2nd Trimester	82	26.3	11	26.8	35	12.9	26	18.8	45	24.2	9	11.8	20	18.0
Prenatal Care: 3rd Trimester	35	11.2	5	12.2	8	3.0	4	2.9	5	2.7	7	9.2	8	7.2
Prenatal Care: None	9	2.9	0	0.0	3	1.1	4	2.9	1	0.5	0	0.0	1	0.9
Prenatal Care: Inadequate	96	31.0	16	40.0	32	11.8	24	17.4	25	13.4	18	23.4	21	19.3
Maternal Utilization: Medicaid	183	57.4	8	19.5	134	49.1	86	61.9	58	30.7	36	45.6	41	37.3
Maternal Utilization: WIC	150	47.9	8	19.5	101	37.3	81	58.7	56	29.6	26	33.8	30	27.0
Maternal Utilization: FSP	71	29.0	3	7.9	52	19.5	67	48.6	22	11.6	12	16.2	16	14.4
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0
15-17	5	1.6	0	0.0	6	2.2	5	3.6	0	0.0	1	1.3	1	0.9
18-19	15	4.7	1	2.4	15	5.5	16	11.5	7	3.7	6	7.6	2	1.8
20-24	99	30.7	9	22.0	65	23.7	34	24.5	55	29.1	22	27.8	32	28.6
25-29	97	30.1	16	39.0	94	34.3	47	33.8	65	34.4	26	32.9	49	43.8
30-34	71	22.0	9	22.0	61	22.3	23	16.5	43	22.8	17	21.5	25	22.3
35-39	29	9.0	6	14.6	25	9.1	14	10.1	17	9.0	5	6.3	3	2.7
40 and Over	6	1.9	0	0.0	7	2.6	0	0.0	2	1.1	2	2.5	0	0.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	258	100.0	180	100.0	733	100.0	203	100.0	106	100.0	169	100.0	86	100.0
Birth Weight: Under 2500 Grams	14	5.4	20	11.1	66	9.0	13	6.4	10	9.4	8	4.7	6	7.0
Birth Weight: Above 4499 Grams	4	1.6	1	0.6	9	1.2	2	1.0	1	0.9	1	0.6	1	1.2
Gest. Age: Less than 37 Weeks	23	8.9	26	14.4	87	11.9	13	6.4	12	11.3	14	8.3	9	10.5
APGAR (5 Min.): Less than 8	24	9.3	9	5.0	46	6.3	17	8.4	14	13.5	13	7.8	4	4.7
Infant Care: NICU Admission	23	8.9	14	7.8	96	13.1	22	10.8	14	13.2	11	6.5	5	5.8
Infant Care: Transfer	6	2.3	5	2.8	0	0.0	3	1.5	5	4.7	7	4.1	2	2.3
Place of Birth: At-Home Delivery	23	8.9	0	0.0	13	1.8	5	2.5	5	4.7	4	2.4	4	4.7
Method of Delivery: Cesarean	63	24.5	68	38.0	279	38.1	52	25.6	24	22.6	47	28.0	23	26.7
Infant Care: Breastfed	222	86.0	94	52.8	627	86.2	175	86.2	82	77.4	149	88.7	71	83.5
Mat. Smoking: During Preg.	32	12.5	30	16.9	57	8.3	10	4.9	7	6.6	9	5.4	15	17.4
...Quit Smoking During Preg.	8	25.0	5	16.7	13	22.8	0	0.0	0	0.0	2	22.2	6	40.0
Mat. Wt.: Underweight	9	3.5	4	2.3	28	4.0	6	3.0	2	1.9	5	3.0	3	3.5
Mat. Wt.: Obese	73	28.5	69	39.2	273	39.1	67	33.2	37	35.2	54	32.0	30	34.9
Mat. Sing. Wt. Gain: Low	32	14.0	37	24.7	148	24.0	31	16.7	7	7.4	15	9.9	13	16.9
Mat. Sing. Wt. Gain: High	36	15.7	31	20.7	115	18.7	33	17.7	22	23.4	25	16.6	21	27.3
Mother's Education: Under 12 Yrs.	87	33.9	26	14.5	131	18.0	10	4.9	16	15.1	11	6.5	13	15.1
Marital Status: Out-of-Wedlock	79	30.6	105	58.3	257	35.1	64	31.5	41	38.7	37	21.9	33	38.4
Live Birth Order: 4 or More	68	26.5	32	17.9	111	15.2	32	15.8	19	17.9	20	11.8	16	18.6
Birth Spacing: Less than 18 Mos.	28	15.6	13	10.6	64	14.0	12	9.8	8	11.8	7	7.0	7	13.7
Prenatal Care: 1st Trimester	176	70.1	134	74.9	508	69.7	164	80.8	71	67.6	142	86.1	51	61.4
Prenatal Care: 2nd Trimester	61	24.3	32	17.9	170	23.3	31	15.3	19	18.1	20	12.1	26	31.3
Prenatal Care: 3rd Trimester	9	3.6	11	6.1	38	5.2	6	3.0	12	11.4	2	1.2	5	6.0
Prenatal Care: None	5	2.0	2	1.1	13	1.8	2	1.0	3	2.9	1	0.6	1	1.2
Prenatal Care: Inadequate	48	19.3	32	17.9	144	19.8	26	12.9	32	30.5	18	11.0	22	27.2
Maternal Utilization: Medicaid	127	49.4	106	58.9	354	48.3	52	25.6	66	62.3	34	20.2	45	52.3
Maternal Utilization: WIC	102	39.7	94	53.4	248	34.3	46	22.7	55	52.9	25	14.9	44	51.8
Maternal Utilization: FSP	56	21.9	69	39.0	122	17.6	15	7.7	24	25.5	18	10.7	19	34.5
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	3	1.2	4	2.2	10	1.4	1	0.5	2	1.9	1	0.6	2	2.3
18-19	5	1.9	9	5.0	34	4.6	6	3.0	7	6.6	2	1.2	6	7.0
20-24	91	35.3	52	28.9	211	28.8	46	22.7	25	23.6	30	17.8	25	29.1
25-29	77	29.8	55	30.6	214	29.2	78	38.4	44	41.5	66	39.1	26	30.2
30-34	50	19.4	41	22.8	173	23.6	47	23.2	15	14.2	52	30.8	16	18.6
35-39	24	9.3	17	9.4	71	9.7	21	10.3	11	10.4	15	8.9	9	10.5
40 and Over	8	3.1	2	1.1	19	2.6	4	2.0	2	1.9	3	1.8	2	2.3

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	Pemiscot		Perry		Pettis		Phelps		Pike		Platte		Polk	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	179	100.0	213	100.0	599	100.0	393	100.0	186	100.0	1,136	100.0	407	100.0
Birth Weight: Under 2500 Grams	17	9.5	16	7.5	31	5.2	35	8.9	17	9.1	84	7.4	30	7.4
Birth Weight: Above 4499 Grams	0	0.0	1	0.5	12	2.0	4	1.0	2	1.1	10	0.9	2	0.5
Gest. Age: Less than 37 Weeks	25	14.0	27	12.7	47	7.9	46	11.7	28	15.1	113	10.0	46	11.3
APGAR (5 Min.): Less than 8	10	5.6	11	5.2	78	13.1	29	7.4	18	9.7	69	6.1	25	6.2
Infant Care: NICU Admission	12	6.7	19	8.9	40	6.7	30	7.6	12	6.5	109	9.6	26	6.4
Infant Care: Transfer	6	3.4	3	1.4	9	1.5	20	5.1	3	1.6	12	1.1	5	1.2
Place of Birth: At-Home Delivery	0	0.0	1	0.5	23	3.8	14	3.6	7	3.8	21	1.8	19	4.7
Method of Delivery: Cesarean	59	33.0	86	40.4	188	31.4	99	25.2	56	30.1	333	29.4	130	31.9
Infant Care: Breastfed	67	38.1	166	77.9	386	64.7	286	73.0	144	78.3	991	88.0	347	86.8
Mat. Smoking: During Preg.	24	13.5	20	9.5	44	7.5	34	8.7	14	7.7	34	3.0	29	7.3
...Quit Smoking During Preg.	3	12.5	8	40.0	8	18.2	10	29.4	3	21.4	7	20.6	7	24.1
Mat. Wt.: Underweight	8	4.5	5	2.4	12	2.0	14	3.6	11	5.9	23	2.0	10	2.5
Mat. Wt.: Obese	70	39.8	84	39.8	238	40.0	142	36.6	57	30.8	304	27.0	146	36.2
Mat. Sing. Wt. Gain: Low	32	21.2	33	18.2	99	18.4	52	15.3	22	14.3	134	13.4	51	14.7
Mat. Sing. Wt. Gain: High	26	17.2	43	23.8	108	20.1	88	25.9	27	17.5	226	22.6	58	16.7
Mother's Education: Under 12 Yrs.	48	27.0	28	13.1	93	15.7	37	9.4	38	20.5	58	5.1	70	17.2
Marital Status: Out-of-Wedlock	129	72.1	80	37.6	234	39.1	170	43.3	67	36.0	332	29.2	111	27.3
Live Birth Order: 4 or More	28	15.7	28	13.2	126	21.0	60	15.3	28	15.1	116	10.2	77	19.0
Birth Spacing: Less than 18 Mos.	24	22.9	7	5.4	59	14.0	30	13.3	15	12.6	79	12.5	31	11.4
Prenatal Care: 1st Trimester	115	65.3	154	74.4	390	66.3	251	64.5	129	72.5	847	75.8	293	72.5
Prenatal Care: 2nd Trimester	45	25.6	34	16.4	152	25.9	109	28.0	37	20.8	224	20.0	78	19.3
Prenatal Care: 3rd Trimester	10	5.7	14	6.8	38	6.5	22	5.7	12	6.7	34	3.0	23	5.7
Prenatal Care: None	6	3.4	5	2.4	8	1.4	7	1.8	0	0.0	13	1.2	10	2.5
Prenatal Care: Inadequate	51	28.8	33	15.9	160	27.2	102	26.2	43	24.0	170	15.3	71	17.5
Maternal Utilization: Medicaid	111	62.0	78	36.8	342	57.3	182	46.3	74	40.2	312	27.6	202	49.9
Maternal Utilization: WIC	112	63.3	68	32.4	236	39.9	130	33.5	52	28.1	180	16.0	138	34.1
Maternal Utilization: FSP	48	49.5	37	18.0	139	24.2	95	24.7	35	20.6	102	11.2	79	19.7
Mother's Age: At Delivery	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	8	4.5	4	1.9	5	0.8	2	0.5	3	1.6	2	0.2	4	1.0
18-19	14	7.8	9	4.2	26	4.3	20	5.1	8	4.3	18	1.6	14	3.4
20-24	73	40.8	35	16.4	156	26.1	118	30.0	42	22.6	139	12.3	105	25.9
25-29	45	25.1	79	37.1	182	30.4	123	31.3	60	32.3	329	29.0	138	34.0
30-34	27	15.1	67	31.5	137	22.9	83	21.1	51	27.4	409	36.1	96	23.6
35-39	10	5.6	17	8.0	76	12.7	43	10.9	19	10.2	207	18.3	39	9.6
40 and Over	2	1.1	1	0.5	16	2.7	4	1.0	3	1.6	30	2.6	10	2.5

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	Pulaski		Putnam		Ralls		Randolph		Ray		Reynolds		Ripley	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	647	100.0	62	100.0	75	100.0	278	100.0	250	100.0	58	100.0	149	100.0
Birth Weight: Under 2500 Grams	51	7.9	2	3.2	5	6.7	19	6.8	31	12.4	2	3.5	15	10.1
Birth Weight: Above 4499 Grams	2	0.3	0	0.0	0	0.0	5	1.8	2	0.8	0	0.0	0	0.0
Gest. Age: Less than 37 Weeks	56	8.7	3	4.8	6	8.0	25	9.0	31	12.4	7	12.3	17	11.4
APGAR (5 Min.): Less than 8	45	7.0	4	6.5	10	13.3	17	6.2	14	5.7	1	1.7	5	3.4
Infant Care: NICU Admission	52	8.0	3	4.8	4	5.3	34	12.2	29	11.6	2	3.4	10	6.7
Infant Care: Transfer	25	3.9	1	1.6	3	4.0	3	1.1	7	2.8	2	3.4	9	6.0
Place of Birth: At-Home Delivery	7	1.1	6	9.7	1	1.3	12	4.3	12	4.8	1	1.7	2	1.3
Method of Delivery: Cesarean	178	27.5	12	19.4	25	33.3	85	30.6	65	26.0	13	22.4	44	29.5
Infant Care: Breastfed	484	74.8	54	87.1	64	86.5	233	84.1	197	80.7	40	70.2	101	67.8
Mat. Smoking: During Preg.	60	9.3	3	4.8	3	4.0	30	10.8	31	12.5	12	21.4	22	14.8
...Quit Smoking During Preg.	11	18.3	0	0.0	0	0.0	6	20.0	7	22.6	5	41.7	3	13.6
Mat. Wt.: Underweight	16	2.5	8	13.1	3	4.1	11	4.0	18	7.3	3	5.5	5	3.6
Mat. Wt.: Obese	216	33.5	22	36.1	20	27.0	105	37.9	75	30.5	19	34.5	58	42.0
Mat. Sing. Wt. Gain: Low	101	17.4	7	12.7	6	9.1	29	11.5	27	12.9	3	6.5	20	16.1
Mat. Sing. Wt. Gain: High	124	21.3	9	16.4	12	18.2	52	20.6	47	22.4	20	43.5	36	29.0
Mother's Education: Under 12 Yrs.	40	6.2	10	16.1	3	4.0	37	13.4	41	16.4	12	20.7	32	21.6
Marital Status: Out-of-Wedlock	204	31.5	19	30.6	24	32.0	117	42.1	110	44.0	28	48.3	74	49.7
Live Birth Order: 4 or More	105	16.2	10	16.1	6	8.0	46	16.5	39	15.6	12	20.7	22	14.9
Birth Spacing: Less than 18 Mos.	60	15.0	8	20.5	4	9.1	29	16.8	17	11.3	8	24.2	13	16.0
Prenatal Care: 1st Trimester	443	69.0	43	70.5	62	82.7	212	76.8	190	76.9	39	68.4	112	75.2
Prenatal Care: 2nd Trimester	153	23.8	14	23.0	7	9.3	45	16.3	45	18.2	12	21.1	27	18.1
Prenatal Care: 3rd Trimester	32	5.0	4	6.6	5	6.7	16	5.8	7	2.8	3	5.3	7	4.7
Prenatal Care: None	14	2.2	0	0.0	1	1.3	3	1.1	5	2.0	3	5.3	3	2.0
Prenatal Care: Inadequate	160	24.9	17	27.4	14	18.7	49	17.8	39	16.0	11	19.3	27	18.1
Maternal Utilization: Medicaid	204	31.5	15	24.2	23	30.7	129	46.4	98	39.5	41	70.7	116	77.9
Maternal Utilization: WIC	218	34.0	17	27.4	16	21.3	98	35.4	70	28.1	33	57.9	94	63.1
Maternal Utilization: FSP	95	14.9	2	4.9	6	9.4	72	26.6	45	18.9	17	29.3	58	40.8
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	3	0.5	0	0.0	1	1.3	4	1.4	8	3.2	3	5.2	3	2.0
18-19	24	3.7	3	4.8	3	4.0	10	3.6	11	4.4	3	5.2	8	5.4
20-24	154	23.8	16	25.8	15	20.0	91	32.7	71	28.4	23	39.7	57	38.5
25-29	235	36.3	14	22.6	25	33.3	90	32.4	71	28.4	8	13.8	35	23.6
30-34	162	25.0	26	41.9	23	30.7	50	18.0	62	24.8	14	24.1	35	23.6
35-39	54	8.3	3	4.8	7	9.3	29	10.4	21	8.4	5	8.6	9	6.1
40 and Over	15	2.3	0	0.0	1	1.3	4	1.4	6	2.4	2	3.4	1	0.7

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	260	100.0	62	100.0	83	100.0	450	100.0	91	100.0	81	100.0	3,970	100.0
Birth Weight: Under 2500 Grams	28	10.8	4	6.5	7	8.4	53	11.8	7	7.7	5	6.2	275	6.9
Birth Weight: Above 4499 Grams	7	2.7	1	1.6	2	2.4	5	1.1	1	1.1	0	0.0	33	0.8
Gest. Age: Less than 37 Weeks	35	13.5	4	6.6	8	9.6	64	14.3	11	12.1	11	13.6	398	10.0
APGAR (5 Min.): Less than 8	22	8.6	6	9.7	7	8.4	36	8.0	7	7.7	3	3.7	216	5.5
Infant Care: NICU Admission	26	10.0	3	4.8	5	6.0	42	9.3	6	6.6	10	12.3	359	9.0
Infant Care: Transfer	4	1.5	4	6.5	5	6.0	10	2.2	4	4.4	2	2.5	62	1.6
Place of Birth: At-Home Delivery	4	1.5	18	29.0	23	27.7	2	0.4	4	4.4	1	1.2	43	1.1
Method of Delivery: Cesarean	85	32.8	17	27.4	20	24.4	168	37.3	28	30.8	21	25.9	1,322	33.3
Infant Care: Breastfed	195	75.9	57	91.9	71	85.5	262	59.5	71	79.8	72	90.0	3,442	87.2
Mat. Smoking: During Preg.	36	14.1	5	8.1	6	7.2	45	10.1	13	14.3	6	7.4	93	2.4
...Quit Smoking During Preg.	9	25.0	2	40.0	2	33.3	13	28.9	3	23.1	1	16.7	29	31.2
Mat. Wt.: Underweight	6	2.3	1	1.7	2	2.5	15	3.4	5	5.6	2	2.5	91	2.3
Mat. Wt.: Obese	102	39.7	28	46.7	23	28.4	165	36.9	30	33.3	31	38.3	1,096	27.9
Mat. Sing. Wt. Gain: Low	45	20.5	11	21.2	8	10.7	75	20.4	14	17.7	14	20.0	428	12.4
Mat. Sing. Wt. Gain: High	42	19.1	11	21.2	11	14.7	71	19.3	14	17.7	7	10.0	758	21.9
Mother's Education: Under 12 Yrs.	44	17.0	24	38.7	51	61.4	63	14.0	13	14.3	9	11.1	119	3.0
Marital Status: Out-of-Wedlock	126	48.5	11	17.7	8	9.6	241	53.6	32	35.2	28	34.6	862	21.7
Live Birth Order: 4 or More	53	20.4	20	32.3	22	26.5	64	14.2	10	11.0	7	8.6	386	9.7
Birth Spacing: Less than 18 Mos.	19	11.0	4	9.1	9	13.6	42	16.0	5	8.9	4	7.5	228	10.1
Prenatal Care: 1st Trimester	202	78.3	37	61.7	45	54.9	367	82.3	61	70.1	64	79.0	2,816	73.4
Prenatal Care: 2nd Trimester	39	15.1	14	23.3	33	40.2	62	13.9	16	18.4	13	16.0	854	22.2
Prenatal Care: 3rd Trimester	14	5.4	7	11.7	4	4.9	15	3.4	8	9.2	3	3.7	138	3.6
Prenatal Care: None	3	1.2	2	3.3	0	0.0	2	0.4	2	2.3	1	1.2	31	0.8
Prenatal Care: Inadequate	42	16.3	23	37.1	31	37.8	50	11.3	21	23.6	13	16.3	549	14.5
Maternal Utilization: Medicaid	125	48.1	13	21.0	17	20.5	246	54.7	60	65.9	34	42.0	595	15.3
Maternal Utilization: WIC	114	44.2	15	24.2	11	13.4	208	46.4	39	43.8	28	34.6	434	11.1
Maternal Utilization: FSP	65	25.8	8	15.1	6	7.8	141	31.7	31	34.4	9	11.8	284	7.3
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
Under 15	2	0.8	0	0.0	0	0.0	12	2.7	2	2.2	1	1.2	19	0.5
15-17	13	5.0	0	0.0	0	0.0	24	5.3	3	3.3	0	0.0	50	1.3
18-19	52	20.0	18	29.0	20	24.1	139	30.9	26	28.6	21	25.9	381	9.6
20-24	104	40.0	20	32.3	34	41.0	127	28.2	29	31.9	24	29.6	1,147	28.9
25-29	62	23.8	18	29.0	18	21.7	106	23.6	19	20.9	19	23.5	1,531	38.6
30-34	24	9.2	4	6.5	10	12.0	36	8.0	9	9.9	14	17.3	709	17.9
35-39	3	1.2	2	3.2	1	1.2	6	1.3	3	3.3	2	2.5	132	3.3
40 and Over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	St. Clair		St. Francois		St. Louis City		St. Louis County		Ste. Genevieve		Stoddard		Stone	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	115	100.0	685	100.0	3,259	100.0	9,676	100.0	184	100.0	318	100.0	262	100.0
Birth Weight: Under 2500 Grams	8	7.0	64	9.4	435	13.4	1,014	10.5	15	8.2	29	9.1	18	6.9
Birth Weight: Above 4499 Grams	1	0.9	6	0.9	18	0.6	67	0.7	1	0.5	3	0.9	5	1.9
Gest. Age: Less than 37 Weeks	8	7.0	74	10.9	439	13.5	1,146	11.8	26	14.1	36	11.3	24	9.2
APGAR (5 Min.): Less than 8	8	7.0	31	4.6	246	7.6	608	6.3	12	6.6	22	6.9	16	6.2
Infant Care: NICU Admission	7	6.1	66	9.6	460	14.1	1,078	11.1	24	13.0	27	8.5	29	11.1
Infant Care: Transfer	0	0.0	37	5.4	224	6.9	272	2.8	12	6.5	5	1.6	4	1.5
Place of Birth: At-Home Delivery	24	20.9	9	1.3	33	1.0	84	0.9	5	2.7	3	0.9	5	1.9
Method of Delivery: Cesarean	30	26.1	221	32.3	886	27.2	3,272	33.8	55	29.9	100	31.5	78	29.8
Infant Care: Breastfed	101	87.8	465	68.8	2,503	77.1	7,860	81.7	137	75.3	204	65.6	221	84.7
Mat. Smoking: During Preg.	7	6.1	77	11.5	166	5.2	284	3.0	16	8.7	28	8.8	35	13.4
...Quit Smoking During Preg.	0	0.0	10	1.3	39	1.2	76	0.8	2	1.1	4	1.3	4	1.5
Mat. Wt.: Underweight	4	3.5	29	4.3	103	3.3	255	2.7	2	1.1	12	3.8	11	4.2
Mat. Wt.: Obese	54	47.4	275	41.0	969	31.0	2,810	29.9	60	32.8	119	38.0	73	28.2
Mat. Sing. Wt. Gain: Low	20	19.2	106	18.2	443	17.0	1,211	15.0	21	13.5	58	21.6	27	11.4
Mat. Sing. Wt. Gain: High	20	19.2	125	21.4	518	19.8	1,636	20.3	28	18.1	52	19.3	44	18.6
Mother's Education: Under 12 Yrs.	44	38.3	85	12.4	473	14.6	648	6.7	17	9.3	38	12.0	20	7.7
Marital Status: Out-of-Wedlock	37	32.2	313	45.7	1,789	54.9	3,887	40.2	68	37.0	130	40.9	109	41.6
Live Birth Order: 4 or More	35	30.4	96	14.0	492	15.1	1,197	12.4	26	14.1	40	12.6	40	15.3
Birth Spacing: Less than 18 Mos.	14	17.5	63	16.4	197	12.4	602	10.9	15	15.0	28	15.2	17	10.2
Prenatal Care: 1st Trimester	79	69.3	472	70.3	1,771	55.1	6,165	65.5	127	70.9	247	78.9	174	66.7
Prenatal Care: 2nd Trimester	31	27.2	169	25.2	827	25.7	2,449	26.0	42	23.5	53	16.9	65	24.9
Prenatal Care: 3rd Trimester	4	3.5	24	3.6	301	9.4	504	5.4	9	5.0	12	3.8	17	6.5
Prenatal Care: None	0	0.0	6	0.9	313	9.7	300	3.2	1	0.6	1	0.3	5	1.9
Prenatal Care: Inadequate	34	30.1	95	14.2	1,148	36.0	2,051	22.0	25	14.1	46	14.7	61	23.3
Maternal Utilization: Medicaid	49	44.1	329	49.0	1,656	51.5	3,117	33.1	51	28.0	188	59.1	161	61.5
Maternal Utilization: WIC	42	37.2	305	45.1	1,196	37.3	2,232	23.6	54	29.7	130	41.0	104	40.0
Maternal Utilization: FSP	27	25.5	187	27.8	1,082	34.1	2,045	21.7	26	14.4	75	24.0	57	22.0
Mother's Age: At Delivery	0	0.0	0	0.0	6	0.2	10	0.1	0	0.0	1	0.3	0	0.0
15-17	2	1.7	10	1.5	58	1.8	79	0.8	1	0.5	3	0.9	2	0.8
18-19	6	5.2	32	4.7	114	3.5	202	2.1	6	3.3	24	7.6	15	5.7
20-24	29	25.2	202	29.5	502	15.4	1,288	13.3	45	24.5	97	30.6	74	28.2
25-29	32	27.8	216	31.6	851	26.1	2,328	24.1	58	31.5	122	38.5	88	33.6
30-34	33	28.7	152	22.2	1,059	32.5	3,455	35.7	52	28.3	43	13.6	50	19.1
35-39	11	9.6	58	8.5	548	16.8	1,888	19.5	18	9.8	20	6.3	27	10.3
40 and Over	2	1.7	14	2.0	119	3.7	424	4.4	4	2.2	7	2.2	6	2.3

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<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	75	100.0	600	100.0	279	100.0	245	100.0	426	100.0	226	100.0	109	100.0
Birth Weight: Under 2500 Grams	6	8.0	54	9.0	22	7.9	11	4.5	29	6.8	20	8.8	11	10.1
Birth Weight: Above 4499 Grams	2	2.7	7	1.2	1	0.4	4	1.6	7	1.6	3	1.3	0	0.0
Gest. Age: Less than 37 Weeks	8	10.7	60	10.0	26	9.3	13	5.3	35	8.2	24	10.7	16	14.7
APGAR (5 Min.): Less than 8	14	18.7	38	6.3	20	7.2	20	8.2	22	5.2	6	2.7	6	5.5
Infant Care: NICU Admission	4	5.3	59	9.8	24	8.6	15	6.1	39	9.2	14	6.2	15	13.8
Infant Care: Transfer	7	9.3	20	3.3	10	3.6	3	1.2	10	2.3	6	2.7	10	9.2
Place of Birth: At-Home Delivery	0	0.0	11	1.8	22	7.9	29	11.8	12	2.8	1	0.4	4	3.7
Method of Delivery: Cesarean	27	36.5	177	29.5	50	17.9	68	28.1	116	27.2	66	29.2	35	32.1
Infant Care: Breastfed	62	82.7	515	86.4	211	76.7	197	80.4	341	80.4	146	65.5	70	64.8
Mat. Smoking: During Preg.	7	9.3	82	13.7	24	8.6	21	8.7	31	7.3	39	17.3	20	18.3
...Quit Smoking During Preg.	1	14.3	15	18.3	7	29.2	0	0.0	4	12.9	6	15.4	3	15.0
Mat. Wt.: Underweight	2	2.7	17	2.9	4	1.4	4	1.7	16	3.8	7	3.1	8	7.7
Mat. Wt.: Obese	29	38.7	203	34.2	94	33.9	86	36.0	137	32.5	84	37.3	44	42.3
Mat. Sing. Wt. Gain: Low	8	12.3	96	18.4	48	19.4	38	17.5	55	14.4	36	18.5	14	16.3
Mat. Sing. Wt. Gain: High	10	15.4	111	21.2	53	21.4	43	19.8	91	23.8	48	24.6	21	24.4
Mother's Education: Under 12 Yrs.	14	18.7	66	11.1	58	20.9	54	22.0	32	7.5	36	15.9	17	15.6
Marital Status: Out-of-Wedlock	34	45.3	240	40.0	87	31.2	97	39.6	164	38.5	111	49.1	61	56.0
Live Birth Order: 4 or More	12	16.0	81	13.5	60	21.5	45	18.5	60	14.1	33	14.6	21	19.3
Birth Spacing: Less than 18 Mos.	6	14.0	46	13.1	29	17.2	17	11.5	25	10.1	22	16.3	12	19.0
Prenatal Care: 1st Trimester	57	77.0	378	63.4	166	59.9	174	72.5	300	74.1	140	62.8	78	71.6
Prenatal Care: 2nd Trimester	13	17.6	168	28.2	76	27.4	57	23.8	81	20.0	67	30.0	23	21.1
Prenatal Care: 3rd Trimester	4	5.4	31	5.2	30	10.8	6	2.5	21	5.2	13	5.8	7	6.4
Prenatal Care: None	0	0.0	19	3.2	5	1.8	3	1.3	3	0.7	3	1.3	1	0.9
Prenatal Care: Inadequate	16	21.6	144	24.2	80	28.9	61	26.0	71	17.5	49	22.1	23	21.1
Maternal Utilization: Medicaid	38	50.7	396	66.1	142	51.3	130	54.4	129	30.6	124	55.4	79	73.1
Maternal Utilization: WIC	37	49.3	263	44.0	132	47.7	114	47.1	78	18.6	122	54.7	65	59.6
Maternal Utilization: FSP	11	15.3	127	21.7	51	18.8	44	20.2	60	14.3	85	38.3	48	44.9
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	2.7	4	0.7	9	3.2	2	0.8	3	0.7	5	2.2	1	0.9
18-19	6	8.0	32	5.3	14	5.0	18	7.3	12	2.8	10	4.4	11	10.2
20-24	18	24.0	154	25.7	92	33.0	74	30.2	96	22.5	70	31.0	40	37.0
25-29	28	37.3	197	32.8	92	33.0	82	33.5	142	33.3	74	32.7	23	21.3
30-34	16	21.3	144	24.0	39	14.0	43	17.6	120	28.2	48	21.2	23	21.3
35-39	2	2.7	57	9.5	28	10.0	19	7.8	41	9.6	15	6.6	7	6.5
40 and Over	3	4.0	12	2.0	5	1.8	7	2.9	12	2.8	4	1.8	3	2.8

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2023

	<u>Webster</u>		<u>Worth</u>		<u>Wright</u>	
	Number	Percent	Number	Percent	Number	Percent
Live Births	608	100.0	21	100.0	263	100.0
Birth Weight: Under 2500 Grams	35	5.8	1	4.8	21	8.0
Birth Weight: Above 4999 Grams	9	1.5	0	0.0	1	0.4
Gest. Age: Less than 37 Weeks	50	8.3	1	4.8	20	7.6
APGAR (5 Min.): Less than 8	35	6.7	1	4.8	10	4.0
Infant Care: NICU Admission	53	8.7	1	4.8	28	10.6
Infant Care: Transfer	8	1.3	0	0.0	7	2.7
Place of Birth: At-Home Delivery	113	18.6	0	0.0	44	16.7
Method of Delivery: Cesarean	149	24.8	4	19.0	62	23.7
Infant Care: Breastfed	542	90.3	16	76.2	226	85.9
Mat. Smoking: During Preg.	32	5.3	2	9.5	19	7.3
...Quit Smoking During Preg.	8	25.0	0	0.0	6	31.6
Mat. Wt.: Underweight	16	2.7	0	0.0	11	4.3
Mat. Wt.: Obese	211	36.1	10	47.6	95	37.3
Mat. Sing. Wt. Gain: Low	68	13.1	1	5.6	35	15.4
Mat. Sing. Wt. Gain: High	71	13.6	5	27.8	47	20.6
Mother's Education: Under 12 Yrs.	176	29.0	1	4.8	56	21.4
Marital Status: Out-of-Wedlock	117	19.2	8	38.1	80	30.4
Live Birth Order: 4 or More	169	27.8	6	28.6	72	27.4
Birth Spacing: Less than 18 Mos.	86	20.7	4	28.6	21	12.1
Prenatal Care: 1st Trimester	338	56.9	19	90.5	165	63.2
Prenatal Care: 2nd Trimester	149	25.1	2	9.5	71	27.2
Prenatal Care: 3rd Trimester	63	10.6	0	0.0	17	6.5
Prenatal Care: None	44	7.4	0	0.0	8	3.1
Prenatal Care: Inadequate	225	37.7	0	0.0	66	25.5
Maternal Utilization: Medicaid	204	33.8	6	28.6	131	49.8
Maternal Utilization: WIC	154	25.7	6	28.6	109	42.1
Maternal Utilization: FSP	85	14.2	2	10.5	45	17.2
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0
15-17	4	0.7	0	0.0	3	1.1
18-19	24	3.9	0	0.0	17	6.5
20-24	169	27.8	10	47.6	84	31.9
25-29	191	31.4	6	28.6	75	28.5
30-34	138	22.7	3	14.3	41	15.6
35-39	59	9.7	2	9.5	37	14.1
40 and Over	23	3.8	0	0.0	6	2.3

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2023

	<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	285	100.0	635	100.0	416	100.0	363	100.0	1,147	100.0	583	100.0
Birth Weight: Under 2500 Grams	19	6.7	43	6.8	51	12.3	21	5.8	121	10.6	83	14.2
Birth Weight: Above 4499 Grams	2	0.7	6	0.9	5	1.2	3	0.8	7	0.6	6	1.0
Gest. Age: Less than 37 Weeks	22	7.7	61	9.6	52	12.5	26	7.2	140	12.2	88	15.1
APGAR (5 Min.): Less than 8	16	5.6	46	7.3	37	9.0	15	4.1	83	7.3	46	7.9
Infant Care: NICU Admission	24	8.4	61	9.6	52	12.5	34	9.4	162	14.1	71	12.2
Infant Care: Transfer	2	0.7	4	0.6	6	1.4	5	1.4	11	1.0	23	3.9
Place of Birth: At-Home Delivery	3	1.1	9	1.4	7	1.7	0	0.0	14	1.2	5	0.9
Method of Delivery: Cesarean	92	32.3	192	30.2	128	30.8	128	35.3	425	37.1	200	34.3
Infant Care: Breastfed	251	88.4	558	88.3	264	63.8	329	91.1	998	87.2	453	78.1
Mat. Smoking: During Preg.	1	0.4	21	3.3	43	10.4	0	0.0	72	6.3	24	4.3
...Quit Smoking During Preg.	1	100.0	7	33.3	7	16.3	0	0.0	20	27.8	8	33.3
Mat. Wt.: Underweight	3	1.1	11	1.7	7	1.7	11	3.1	29	2.6	18	3.2
Mat. Wt.: Obese	63	22.9	228	36.0	156	37.9	56	15.7	348	30.7	237	41.9
Mat. Sing. Wt. Gain: Low	30	12.1	94	16.7	71	20.8	28	8.7	147	14.8	94	20.1
Mat. Sing. Wt. Gain: High	47	19.0	125	22.2	52	15.2	79	24.6	185	18.7	108	23.1
Mother's Education: Under 12 Yrs.	2	0.7	28	4.4	54	13.0	1	0.3	107	9.4	45	7.8
Marital Status: Out-of-Wedlock	39	13.7	182	28.7	224	53.8	42	11.6	417	36.4	368	63.1
Live Birth Order: 4 or More	18	6.3	67	10.6	62	15.0	23	6.4	138	12.0	104	17.8
Birth Spacing: Less than 18 Mos.	16	9.0	46	11.7	32	14.7	16	7.2	70	11.3	53	15.6
Prenatal Care: 1st Trimester	201	72.8	486	76.7	294	71.5	275	78.8	870	76.4	343	60.0
Prenatal Care: 2nd Trimester	70	25.4	129	20.3	90	21.9	56	16.0	219	19.2	176	30.8
Prenatal Care: 3rd Trimester	3	1.1	16	2.5	23	5.6	17	4.9	48	4.2	34	5.9
Prenatal Care: None	2	0.7	3	0.5	4	1.0	1	0.3	2	0.2	19	3.3
Prenatal Care: Inadequate	30	11.1	77	12.2	88	21.3	44	12.8	222	19.5	151	26.6
Maternal Utilization: Medicaid	30	10.8	165	26.0	200	48.2	24	6.8	436	38.0	273	47.8
Maternal Utilization: WIC	13	4.7	94	14.9	126	30.9	21	5.9	282	24.8	216	37.6
Maternal Utilization: FSP	10	3.6	49	8.8	142	34.9	4	1.1	216	19.0	202	35.6
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2
15-17	0	0.0	4	0.6	16	3.8	0	0.0	6	0.5	4	0.7
18-19	2	0.7	12	1.9	22	5.3	2	0.6	41	3.6	26	4.5
20-24	15	5.3	78	12.3	103	24.8	20	5.5	163	14.2	128	22.0
25-29	67	23.5	224	35.3	108	26.0	55	15.2	335	29.2	172	29.5
30-34	118	41.4	205	32.3	106	25.5	159	43.8	365	31.8	143	24.5
35-39	68	23.9	104	16.4	56	13.5	102	28.1	194	16.9	87	14.9
40 and Over	15	5.3	8	1.3	5	1.2	25	6.9	43	3.7	22	3.8

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2023

	<u>Gladstone</u>		<u>Grandview</u>		<u>Hazelwood</u>		<u>Independence</u>		<u>Jefferson City</u>		<u>Joplin - Total</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	302	100.0	405	100.0	255	100.0	1,411	100.0	483	100.0	598	100.0
Birth Weight: Under 2500 Grams	30	10.0	40	9.9	31	12.2	131	9.3	42	8.7	58	9.7
Birth Weight: Above 4499 Grams	1	0.3	4	1.0	2	0.8	16	1.1	8	1.7	4	0.7
Gest. Age: Less than 37 Weeks	35	11.6	40	9.9	25	9.8	144	10.2	52	10.8	83	13.9
APGAR (5 Min.): Less than 8	21	7.0	19	4.7	16	6.3	97	6.9	34	7.0	39	6.5
Infant Care: NICU Admission	34	11.3	46	11.4	25	9.8	159	11.3	58	12.0	82	13.7
Infant Care: Transfer	2	0.7	4	1.0	6	2.4	12	0.9	14	2.9	0	0.0
Place of Birth: At-Home Delivery	9	3.0	18	4.4	2	0.8	31	2.2	11	2.3	4	0.7
Method of Delivery: Cesarean	87	28.8	102	25.2	90	35.3	379	26.9	142	29.4	197	33.0
Infant Care: Breastfed	247	83.4	332	82.2	194	76.1	1,140	81.0	391	81.3	505	85.2
Mat. Smoking: During Preg.	21	7.0	11	2.7	13	5.3	99	7.0	43	9.0	58	10.2
...Quit Smoking During Preg.	7	33.3	3	27.3	5	38.5	18	18.2	8	18.6	10	17.2
Mat. Wt.: Underweight	8	2.7	13	3.3	9	3.6	47	3.4	15	3.1	29	5.1
Mat. Wt.: Obese	118	40.3	133	34.0	115	46.0	561	40.8	191	40.0	229	40.6
Mat. Sing. Wt. Gain: Low	51	20.5	64	18.7	53	23.9	213	17.4	80	19.5	116	24.2
Mat. Sing. Wt. Gain: High	44	17.7	58	16.9	40	18.0	261	21.4	84	20.4	84	17.5
Mother's Education: Under 12 Yrs.	20	6.7	72	17.9	21	8.3	242	17.2	54	11.2	97	16.4
Marital Status: Out-of-Wedlock	122	40.4	231	57.0	163	63.9	787	55.8	228	47.2	297	49.7
Live Birth Order: 4 or More	39	12.9	66	16.3	34	13.3	210	14.9	68	14.1	70	11.7
Birth Spacing: Less than 18 Mos.	25	14.6	25	10.4	24	15.2	121	14.1	41	15.2	64	18.6
Prenatal Care: 1st Trimester	215	72.1	250	62.2	152	61.0	923	66.3	386	81.1	408	69.4
Prenatal Care: 2nd Trimester	70	23.5	131	32.6	78	31.3	344	24.7	70	14.7	142	24.1
Prenatal Care: 3rd Trimester	10	3.4	12	3.0	12	4.8	80	5.7	17	3.6	24	4.1
Prenatal Care: None	3	1.0	9	2.2	7	2.8	46	3.3	3	0.6	14	2.4
Prenatal Care: Inadequate	56	18.9	105	26.2	64	25.8	349	25.1	73	15.4	114	19.4
Maternal Utilization: Medicaid	104	34.7	231	57.5	122	48.8	817	58.0	206	42.7	337	56.9
Maternal Utilization: WIC	66	22.0	175	44.3	90	35.7	535	38.4	150	31.4	236	40.1
Maternal Utilization: FSP	54	20.1	86	28.8	84	34.0	400	30.8	122	25.4	173	30.0
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	3	0.2	0	0.0	0	0.0
15-17	1	0.3	12	3.0	0	0.0	27	1.9	9	1.9	14	2.3
18-19	10	3.3	18	4.4	4	1.6	57	4.0	20	4.1	32	5.4
20-24	57	18.9	103	25.4	61	23.9	342	24.3	103	21.3	176	29.5
25-29	110	36.4	121	29.9	65	25.5	472	33.5	161	33.3	193	32.3
30-34	80	26.5	86	21.2	81	31.8	329	23.3	113	23.4	132	22.1
35-39	31	10.3	52	12.8	38	14.9	144	10.2	63	13.0	42	7.0
40 and Over	13	4.3	13	3.2	6	2.4	35	2.5	14	2.9	8	1.3

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2023

	Joplin - Jasper County		Joplin - Newton County		Kansas City - Total		Kansas City - Jackson County		Kansas City - Clay County		Kansas City - Platte County	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	554	100.0	44	100.0	6,315	100.0	4,038	100.0	1,690	100.0	587	100.0
Birth Weight: Under 2500 Grams	54	9.7	4	9.1	589	9.3	421	10.4	128	7.6	40	6.8
Birth Weight: Above 4499 Grams	4	0.7	0	0.0	54	0.9	29	0.7	19	1.1	6	1.0
Gest. Age: Less than 37 Weeks	76	13.7	7	15.9	683	10.8	450	11.1	180	10.7	53	9.0
APGAR (5 Min.): Less than 8	35	6.3	4	9.1	378	6.0	246	6.1	95	5.6	37	6.3
Infant Care: NICU Admission	74	13.4	8	18.2	743	11.8	517	12.8	170	10.1	56	9.5
Infant Care: Transfer	0	0.0	0	0.0	56	0.9	36	0.9	13	0.8	7	1.2
Place of Birth: At-Home Delivery	4	0.7	0	0.0	149	2.4	108	2.7	34	2.0	7	1.2
Method of Delivery: Cesarean	180	32.5	17	38.6	1,831	29.0	1,158	28.7	498	29.5	175	30.0
Infant Care: Breastfed	467	85.1	38	86.4	5,120	81.8	3,181	79.6	1,430	85.2	509	87.5
Mat. Smoking: During Preg.	50	9.5	8	18.2	238	3.8	183	4.6	45	2.7	10	1.7
...Quit Smoking During Preg.	8	16.0	2	25.0	66	27.7	52	28.4	10	22.2	4	40.0
Mat. Wt.: Underweight	26	5.0	3	7.1	167	2.7	121	3.1	33	2.0	13	2.2
Mat. Wt.: Obese	214	41.0	15	35.7	1,889	31.0	1,218	31.7	503	30.1	168	28.9
Mat. Sing. Wt. Gain: Low	109	24.5	7	20.0	943	17.6	645	19.0	213	14.6	85	16.2
Mat. Sing. Wt. Gain: High	79	17.8	5	14.3	1,060	19.7	639	18.8	314	21.6	107	20.4
Mother's Education: Under 12 Yrs.	88	16.1	9	20.5	863	13.8	751	18.8	84	5.0	28	4.8
Marital Status: Out-of-Wedlock	280	50.5	17	38.6	3,018	47.8	2,277	56.4	559	33.1	182	31.0
Live Birth Order: 4 or More	63	11.4	7	15.9	974	15.4	741	18.4	177	10.5	56	9.5
Birth Spacing: Less than 18 Mos.	60	18.6	4	17.4	444	12.4	288	12.4	109	11.6	47	15.2
Prenatal Care: 1st Trimester	378	69.4	30	69.8	4,062	65.2	2,367	59.5	1,258	75.4	437	75.3
Prenatal Care: 2nd Trimester	131	24.0	11	25.6	1,603	25.7	1,167	29.3	319	19.1	117	20.2
Prenatal Care: 3rd Trimester	22	4.0	2	4.7	376	6.0	294	7.4	59	3.5	23	4.0
Prenatal Care: None	14	2.6	0	0.0	185	3.0	149	3.7	33	2.0	3	0.5
Prenatal Care: Inadequate	105	19.3	9	20.9	1,627	26.2	1,262	31.7	271	16.3	94	16.3
Maternal Utilization: Medicaid	321	58.6	16	36.4	2,920	46.5	2,246	56.0	498	29.6	176	30.2
Maternal Utilization: WIC	224	41.2	12	27.3	1,955	31.5	1,567	39.6	291	17.4	97	16.7
Maternal Utilization: FSP	164	30.7	9	20.9	1,485	30.0	1,188	39.2	235	16.3	62	13.1
Mother's Age: At Delivery	0	0.0	0	0.0	7	0.1	7	0.2	0	0.0	0	0.0
15-17	14	2.5	0	0.0	95	1.5	78	1.9	15	0.9	2	0.3
18-19	31	5.6	1	2.3	210	3.3	165	4.1	36	2.1	9	1.5
20-24	164	29.7	12	27.3	1,133	18.0	801	19.9	249	14.7	83	14.1
25-29	178	32.2	15	34.1	1,799	28.5	1,095	27.2	534	31.6	170	29.0
30-34	121	21.9	11	25.0	1,938	30.7	1,169	29.0	568	33.6	201	34.2
35-39	38	6.9	4	9.1	912	14.5	578	14.3	227	13.4	107	18.2
40 and Over	7	1.3	1	2.3	212	3.4	136	3.4	61	3.6	15	2.6

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2023

	Kansas City - Cass County		Kirkwood		Lee's Summit		Liberty		Maryland Heights		O'Fallon	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	0	0.0	234	100.0	1,013	100.0	289	100.0	326	100.0	877	100.0
Birth Weight: Under 2500 Grams	0	0.0	14	6.0	84	8.3	25	8.7	28	8.6	58	6.6
Birth Weight: Above 4499 Grams	0	0.0	1	0.4	13	1.3	4	1.4	4	1.2	7	0.8
Gest. Age: Less than 37 Weeks	0	0.0	22	9.4	102	10.1	34	11.8	28	8.6	82	9.4
APGAR (5 Min.): Less than 8	0	0.0	8	3.4	53	5.2	13	4.5	18	5.5	54	6.2
Infant Care: NICU Admission	0	0.0	25	10.7	112	11.1	29	10.0	27	8.3	80	9.1
Infant Care: Transfer	0	0.0	6	2.6	4	0.4	3	1.0	6	1.8	16	1.8
Place of Birth: At-Home Delivery	0	0.0	3	1.3	34	3.4	15	5.2	1	0.3	12	1.4
Method of Delivery: Cesarean	0	0.0	88	37.6	312	30.8	75	26.0	119	36.5	306	34.9
Infant Care: Breastfed	0	0.0	208	88.9	928	91.8	248	87.3	278	85.5	745	85.3
Mat. Smoking: During Preg.	0	0.0	1	0.4	12	1.2	11	3.8	5	1.6	16	1.9
...Quit Smoking During Preg.	0	0.0	0	0.0	3	25.0	1	9.1	0	0.0	5	31.3
Mat. Wt.: Underweight	0	0.0	3	1.3	22	2.2	9	3.1	6	1.9	21	2.4
Mat. Wt.: Obese	0	0.0	42	18.6	283	28.0	84	29.4	91	28.7	241	27.8
Mat. Sing. Wt. Gain: Low	0	0.0	13	6.4	111	12.4	31	12.7	53	18.7	87	11.3
Mat. Sing. Wt. Gain: High	0	0.0	45	22.3	178	19.9	58	23.8	58	20.4	160	20.8
Mother's Education: Under 12 Yrs.	0	0.0	7	3.0	30	3.0	20	6.9	14	4.3	22	2.5
Marital Status: Out-of-Wedlock	0	0.0	26	11.1	209	20.6	91	31.5	84	25.8	179	20.4
Live Birth Order: 4 or More	0	0.0	18	7.7	88	8.7	35	12.1	28	8.6	88	10.1
Birth Spacing: Less than 18 Mos.	0	0.0	11	8.2	43	7.5	17	9.9	13	8.3	48	9.3
Prenatal Care: 1st Trimester	0	0.0	158	69.3	744	74.0	223	79.9	205	64.5	616	72.2
Prenatal Care: 2nd Trimester	0	0.0	57	25.0	227	22.6	41	14.7	91	28.6	200	23.4
Prenatal Care: 3rd Trimester	0	0.0	12	5.3	32	3.2	10	3.6	15	4.7	30	3.5
Prenatal Care: None	0	0.0	1	0.4	2	0.2	5	1.8	7	2.2	7	0.8
Prenatal Care: Inadequate	0	0.0	31	13.9	114	11.3	38	13.7	64	20.4	123	14.5
Maternal Utilization: Medicaid	0	0.0	18	8.1	169	16.7	83	28.8	69	22.0	119	13.9
Maternal Utilization: WIC	0	0.0	17	7.4	100	9.9	36	12.6	43	13.8	88	10.2
Maternal Utilization: FSP	0	0.0	10	4.4	60	8.0	31	11.8	34	10.8	52	6.0
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Under 15	0	0.0	0	0.0	4	0.4	4	1.4	0	0.0	6	0.7
15-17	0	0.0	0	0.0	13	1.3	2	0.7	5	1.5	8	0.9
18-19	0	0.0	8	3.4	96	9.5	39	13.5	33	10.1	73	8.3
20-24	0	0.0	36	15.4	279	27.5	87	30.1	84	25.8	262	29.9
25-29	0	0.0	108	46.2	405	40.0	98	33.9	126	38.7	322	36.7
30-34	0	0.0	62	26.5	189	18.7	52	18.0	64	19.6	171	19.5
35-39	0	0.0	20	8.5	27	2.7	7	2.4	14	4.3	35	4.0
40 and Over	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2023

	<u>Raytown</u>		<u>St. Charles</u>		<u>St. Joseph</u>		<u>St. Louis City</u>		<u>St. Peters</u>		<u>Springfield</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	346	100.0	698	100.0	885	100.0	3,259	100.0	511	100.0	1,748	100.0
Birth Weight: Under 2500 Grams	26	7.5	46	6.6	92	10.4	435	13.4	39	7.6	160	9.2
Birth Weight: Above 4499 Grams	1	0.3	7	1.0	5	0.6	18	0.6	4	0.8	20	1.1
Gest. Age: Less than 37 Weeks	38	11.0	63	9.0	97	11.0	439	13.5	61	11.9	184	10.5
APGAR (5 Min.): Less than 8	16	4.7	43	6.2	39	4.4	246	7.6	31	6.1	105	6.0
Infant Care: NICU Admission	46	13.3	58	8.3	104	11.8	460	14.1	59	11.5	212	12.1
Infant Care: Transfer	1	0.3	13	1.9	19	2.1	224	6.9	11	2.2	11	0.6
Place of Birth: At-Home Delivery	8	2.3	5	0.7	10	1.1	33	1.0	5	1.0	25	1.4
Method of Delivery: Cesarean	98	28.3	241	34.5	238	26.9	886	27.2	161	31.5	508	29.1
Infant Care: Breastfed	293	85.2	597	86.0	581	65.9	2,503	77.1	452	88.8	1,435	83.5
Mat. Smoking: During Preg.	19	5.5	24	3.5	113	12.9	166	5.2	11	2.2	186	10.7
...Quit Smoking During Preg.	4	21.1	9	37.5	19	16.8	39	23.5	1	9.1	40	21.5
Mat. Wt.: Underweight	9	2.6	20	2.9	29	3.3	103	3.3	6	1.2	72	4.2
Mat. Wt.: Obese	141	41.2	202	29.4	313	35.6	969	31.0	149	29.4	614	36.1
Mat. Sing. Wt. Gain: Low	59	19.8	88	14.3	128	16.4	443	17.0	49	11.2	228	15.2
Mat. Sing. Wt. Gain: High	53	17.8	141	22.9	218	27.9	518	19.8	102	23.3	386	25.7
Mother's Education: Under 12 Yrs.	37	10.8	37	5.3	168	19.2	473	14.6	13	2.5	247	14.2
Marital Status: Out-of-Wedlock	196	56.6	175	25.1	506	57.2	1,789	54.9	97	19.0	855	48.9
Live Birth Order: 4 or More	45	13.0	68	9.8	144	16.3	492	15.1	39	7.6	256	14.7
Birth Spacing: Less than 18 Mos.	19	9.5	31	8.6	85	16.1	197	12.4	25	8.7	148	14.9
Prenatal Care: 1st Trimester	250	72.7	461	69.1	605	68.8	1,771	55.1	382	77.6	1,159	67.3
Prenatal Care: 2nd Trimester	75	21.8	167	25.0	180	20.5	827	25.7	95	19.3	334	19.4
Prenatal Care: 3rd Trimester	14	4.1	30	4.5	68	7.7	301	9.4	12	2.4	107	6.2
Prenatal Care: None	5	1.5	9	1.3	26	3.0	313	9.7	3	0.6	123	7.1
Prenatal Care: Inadequate	72	20.9	120	18.3	195	22.2	1,148	36.0	50	10.3	484	28.2
Maternal Utilization: Medicaid	170	49.4	147	21.5	526	59.5	1,656	51.5	65	13.0	986	56.5
Maternal Utilization: WIC	128	37.8	108	15.8	341	39.6	1,196	37.3	41	8.2	770	44.6
Maternal Utilization: FSP	70	26.5	63	9.3	270	33.0	1,082	34.1	24	4.8	459	26.9
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.1	6	0.2	0	0.0	0	0.0
15-17	5	1.4	4	0.6	16	1.8	58	1.8	1	0.2	25	1.4
18-19	17	4.9	13	1.9	50	5.6	114	3.5	6	1.2	97	5.6
20-24	73	21.1	75	10.7	241	27.2	502	15.4	47	9.2	477	27.3
25-29	102	29.5	202	28.9	273	30.8	851	26.1	146	28.6	535	30.6
30-34	87	25.1	255	36.5	193	21.8	1,059	32.5	202	39.5	398	22.8
35-39	50	14.5	121	17.3	95	10.7	548	16.8	94	18.4	169	9.7
40 and Over	12	3.5	28	4.0	16	1.8	119	3.7	15	2.9	46	2.6

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2023

	University City		Wentzville		Widwood	
	Number	Percent	Number	Percent	Number	Percent
Live Births	378	100.0	478	100.0	224	100.0
Birth Weight: Under 2500 Grams	35	9.3	30	6.3	16	7.2
Birth Weight: Above 4499 Grams	0	0.0	3	0.6	2	0.9
Gest. Age: Less than 37 Weeks	40	10.6	50	10.5	17	7.6
APGAR (5 Min.): Less than 8	29	7.7	25	5.2	11	4.9
Infant Care: NICU Admission	42	11.1	41	8.6	21	9.4
Infant Care: Transfer	11	2.9	5	1.0	3	1.3
Place of Birth: At-Home Delivery	2	0.5	8	1.7	2	0.9
Method of Delivery: Cesarean	110	29.1	156	32.6	85	37.9
Infant Care: Breastfed	319	85.1	417	88.0	204	91.5
Mat. Smoking: During Preg.	6	1.6	7	1.5	0	0.0
...Quit Smoking During Preg.	1	16.7	2	28.6	0	0.0
Mat. Wt.: Underweight	8	2.2	10	2.1	9	4.1
Mat. Wt.: Obese	74	20.1	131	27.8	38	17.2
Mat. Sing. Wt. Gain: Low	34	10.5	54	13.2	10	5.1
Mat. Sing. Wt. Gain: High	56	17.3	99	24.2	41	20.7
Mother's Education: Under 12 Yrs.	18	4.8	7	1.5	1	0.4
Marital Status: Out-of-Wedlock	124	32.8	115	24.1	12	5.4
Live Birth Order: 4 or More	37	9.8	60	12.6	29	12.9
Birth Spacing: Less than 18 Mos.	17	9.0	39	13.0	10	6.9
Prenatal Care: 1st Trimester	242	66.3	341	73.8	153	72.9
Prenatal Care: 2nd Trimester	92	25.2	102	22.1	48	22.9
Prenatal Care: 3rd Trimester	20	5.5	18	3.9	9	4.3
Prenatal Care: None	11	3.0	1	0.2	0	0.0
Prenatal Care: Inadequate	81	22.4	67	14.7	24	11.6
Maternal Utilization: Medicaid	101	27.4	65	13.9	10	4.6
Maternal Utilization: WIC	70	19.0	46	9.6	10	4.5
Maternal Utilization: FSP	66	17.9	46	9.7	4	1.8
Mother's Age: At Delivery	2	0.5	0	0.0	0	0.0
15-17	7	1.9	0	0.0	0	0.0
18-19	7	1.9	6	1.3	1	0.4
20-24	33	8.7	55	11.5	4	1.8
25-29	90	23.8	141	29.5	24	10.7
30-34	134	35.4	183	38.3	110	49.1
35-39	86	22.8	82	17.2	70	31.3
40 and Over	19	5.0	11	2.3	15	6.7

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Ages by Selected Counties by Selected Ages by County of Residence: Missouri, 2023

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
State Total	3,457	921	2,536	231	65	166
Adair	9	0	9	0	0	0
Andrew	4	1	3	0	0	0
Atchison	3	0	3	0	0	0
Audrain	26	5	21	0	0	0
Barry	26	3	23	1	1	0
Barton	7	3	4	0	0	0
Bates	7	1	6	1	0	1
Benton	11	1	10	1	0	1
Bollinger	9	1	8	0	0	0
Boone	75	15	60	4	0	4
Buchanan	78	18	60	6	1	5
Butler	51	8	43	0	0	0
Caldwell	4	2	2	0	0	0
Callaway	30	12	18	1	0	1
Camden	24	7	17	1	1	0
Cape Girardeau	56	22	34	0	0	0
Carroll	7	2	5	1	0	1
Carter	5	1	4	0	0	0
Cass	39	12	27	7	5	2
Cedar	13	3	10	0	0	0
Chariton	3	1	2	1	0	1
Christian	48	6	42	3	0	3
Clark	1	0	1	0	0	0
Clay	113	38	75	19	6	13
Clinton	11	3	8	0	0	0
Cole	45	15	30	1	0	1
Cooper	10	0	10	1	0	1
Crawford	24	9	15	0	0	0
Dade	1	0	1	0	0	0

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Dallas	12	3	9	0	0	0
Daviess	3	0	3	0	0	0
Dekalb	5	0	5	0	0	0
Dent	7	2	5	0	0	0
Douglas	10	2	8	0	0	0
Dunklin	42	17	25	0	0	0
Franklin	45	9	36	0	0	0
Gasconade	8	2	6	0	0	0
Gentry	4	0	4	0	0	0
Greene	176	43	133	4	0	4
Grundy	9	1	8	0	0	0
Harrison	10	1	9	1	0	1
Henry	9	3	6	0	0	0
Hickory	6	1	5	0	0	0
Holt	0	0	0	0	0	0
Howard	8	0	8	0	0	0
Howell	40	13	27	2	0	2
Iron	3	0	3	0	0	0
Jackson	586	190	396	134	43	91
Jasper	130	39	91	7	2	5
Jefferson	71	15	56	0	0	0
Johnson	32	5	27	11	3	8
Knox	1	1	0	0	0	0
Laclede	46	11	35	0	0	0
Lafayette	26	5	21	1	0	1
Lawrence	40	8	32	0	0	0
Lewis	6	1	5	0	0	0
Lincoln	23	5	18	0	0	0
Linn	6	1	5	0	0	0
Livingston	12	3	9	1	0	1

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Ages by County of Residence: Missouri, 2023

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Macon	10	2	8	0	0	0
Madison	8	3	5	0	0	0
Maries	2	1	1	0	0	0
Marion	21	5	16	0	0	0
McDonald	21	6	15	0	0	0
Mercer	1	0	1	0	0	0
Miller	22	7	15	0	0	0
Mississippi	21	5	16	0	0	0
Moniteau	7	0	7	0	0	0
Monroe	7	1	6	0	0	0
Montgomery	3	1	2	0	0	0
Morgan	8	3	5	0	0	0
New Madrid	13	4	9	0	0	0
Newton	47	10	37	2	0	2
Nodaway	8	1	7	1	0	1
Oregon	9	2	7	0	0	0
Osage	3	1	2	0	0	0
Ozark	8	2	6	0	0	0
Pemiscot	23	8	15	0	0	0
Perry	14	5	9	0	0	0
Pettis	33	5	28	2	0	2
Phelps	22	2	20	0	0	0
Pike	11	3	8	0	0	0
Platte	30	4	26	9	2	7
Polk	18	4	14	0	0	0
Pulaski	28	3	25	1	0	1
Putnam	3	0	3	0	0	0
Ralls	4	1	3	0	0	0
Randolph	14	4	10	0	0	0
Ray	20	9	11	0	0	0
Reynolds	6	3	3	0	0	0

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
Ripley	12	3	9	0	0	0
Saline	16	2	14	1	0	1
Schuyler	0	0	0	0	0	0
Scotland	0	0	0	0	0	0
Scott	36	12	24	0	0	0
Shannon	5	2	3	0	0	0
Shelby	1	1	0	0	0	0
St. Charles	69	19	50	0	0	0
St. Clair	8	2	6	0	0	0
St. Francois	42	10	32	0	0	0
St. Louis City	179	65	114	0	0	0
St. Louis County	292	89	203	0	0	0
Ste. Genevieve	7	1	6	0	0	0
Stoddard	28	4	24	0	0	0
Stone	18	3	15	1	1	0
Sullivan	8	2	6	0	0	0
Taney	38	4	34	2	0	2
Texas	23	9	14	0	0	0
Vernon	20	2	18	0	0	0
Warren	16	3	13	0	0	0
Washington	15	5	10	0	0	0
Wayne	12	1	11	0	0	0
Webster	28	4	24	0	0	0
Worth	0	0	0	0	0	0
Wright	20	3	17	0	0	0

Table 12A. Resident Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2023

	Total	Weeks of Gestation									
		Under 9	9-10	11-12	13-14	15-16	17-19	20	21 and Over	Unknown	
State Total	3,029	2,024	491	204	129	78	70	14	18	1	
Patient's Race											
White, Non-Hispanic	1,336	923	209	85	46	33	31	5	3	1	
Black, Non-Hispanic	1,078	688	191	74	50	33	27	5	10	0	
Other, Non-Hispanic	321	214	48	23	16	8	8	1	3	0	
Unknown, Non-Hispanic	0	0	0	0	0	0	0	0	0	0	
Hispanic, Any Race	294	199	43	22	17	4	4	3	2	0	
Patient's Age											
Under 15	3	1	1	0	1	0	0	0	0	0	
15	13	3	4	4	2	0	0	0	0	0	
16	19	9	4	3	1	1	0	0	1	0	
17	30	14	5	0	6	1	3	0	1	0	
18	58	30	14	3	6	2	0	1	2	0	
19	108	79	13	9	2	3	2	0	0	0	
20-24	914	588	160	75	38	29	20	1	3	0	
25-29	891	619	133	51	35	22	17	7	6	1	
30-34	588	403	102	36	21	9	14	1	2	0	
35-39	313	214	43	18	14	8	10	3	3	0	
40 and Over	92	64	12	5	3	3	4	1	0	0	
Unknown	0	0	0	0	0	0	0	0	0	0	
Type of Procedure											
Curettage	1,083	596	168	180	93	23	13	6	3	1	
Intrauterine Instillation	0	0	0	0	0	0	0	0	0	0	
Hysterotomy/Hysterectomy	2	0	0	0	0	2	0	0	0	0	
Laminaria D & E	154	3	2	2	35	51	51	6	4	0	
Medical/Nonsurgical	1,774	1,422	321	22	1	2	3	1	2	0	
Unknown	0	0	0	0	0	0	0	0	0	0	
Other	16	3	0	0	0	0	3	1	9	0	

Table 12B. Recorded Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2023

	Total	Weeks of Gestation									
		Under 9	9-10	11-12	13-14	15-16	17-19	20	21 and Over	Unknown	
State Total	37	2	3	1	2	9	12	3	4	1	
Patient's Race											
White, Non-Hispanic	18	2	0	0	1	2	10	2	0	1	
Black, Non-Hispanic	12	0	0	0	1	7	1	1	2	0	
Other, Non-Hispanic	5	0	3	0	0	0	1	0	1	0	
Unknown, Non-Hispanic	0	0	0	0	0	0	0	0	0	0	
Hispanic, Any Race	2	0	0	1	0	0	0	0	1	0	
Patient's Age											
Under 15	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	
18	1	0	0	0	0	0	1	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	
20-24	5	0	1	1	0	2	1	0	0	0	
25-29	10	1	1	0	0	3	2	0	2	1	
30-34	9	0	1	0	0	1	5	1	1	0	
35-39	10	1	0	0	2	2	2	2	1	0	
40 and Over	2	0	0	0	0	1	1	0	0	0	
Unknown	0	0	0	0	0	0	0	0	0	0	
Type of Procedure											
Curettage	8	2	3	1	1	0	0	0	0	1	
Intrauterine Instillation	0	0	0	0	0	0	0	0	0	0	
Hysterotomy/Hysterectomy	3	0	0	0	0	2	1	0	0	0	
Laminaria D & E	11	0	0	0	0	3	6	1	1	0	
Medical/Nonsurgical	14	0	0	0	1	4	5	2	2	0	
Unknown	0	0	0	0	0	0	0	0	0	0	
Other	1	0	0	0	0	0	0	0	1	0	

Table 12C. Post-Abortion Complication Report: Missouri, 2023

	Procedure Type			Total
	Surgical	Medical	Not Specified	
Total Complications	42	49	5	96
..Incomplete Abortion	1	11	2	14
..Hemorrhage	17	8	0	25
..Endometritis	2	0	0	2
..Parametritis	0	0	0	0
..Pyrexia	0	0	0	0
..Pelvic Abscess	0	0	0	0
..Uterine Perforation	10	0	0	10
..Failed Abortion, Pregnancy Undisturbed	3	10	0	13
..Retained Products	2	10	1	13
..Cervical Laceration	3	0	0	3
..Psychiatric	0	0	0	0
..Other Complication	4	10	2	16
No Complication Reported	0	0	0	0
Total Complication Reports Received	31	33	5	69

	Count
Patients Hospitalized	28

	Count	Percent with Complications*
Complication Reports for Abortions Recorded in Missouri	3	8.1

Refer to Appendix Section "New Tables on Post-Abortion Complications" for more information.
 * Rate is calculated as total complication reports for abortions performed in Missouri out of all abortions performed in Missouri.

Table 13. Resident Abortions by Age, Marital Status, and Education by Race and Hispanic Origin: Missouri, 2023

	Total	Patient's Race			
		White, Non-Hispanic	Black, Non-Hispanic	Other, Non-Hispanic	Hispanic, Any Race
State Total	3,029	1,336	1,078	321	294
Patient's Age					
Under 15	3	0	3	0	0
15	13	9	1	3	0
16	19	10	7	2	0
17	30	10	14	2	4
18	58	27	16	9	6
19	108	48	31	12	17
20-24	914	394	313	90	117
25-29	891	401	334	83	73
30-34	588	240	235	64	49
35-39	313	145	102	44	22
40 and Over	92	52	22	12	6
Marital Status					
Never Married	12	5	5	0	2
Currently Married	341	214	64	47	16
Formerly Married	1	0	1	0	0
Unmarried, Unspecified	2,675	1,117	1,008	274	276
Years of Education					
0-8	35	7	12	8	8
9-11	167	82	46	20	19
12	1,092	413	454	95	130
13-15	1,062	505	379	91	87
16 or More	449	250	114	59	26
Unknown	224	79	73	48	24

Table 14. Resident Abortions and Ratios per 1,000 Live Births by County and BRFSS Region of Residence: Missouri, 2023

Counties	Number	Ratio
<u>State Total</u>	3,029	45.2
Adair	6	21.2
Andrew	4	25.8
Atchison	0	0.0
Audrain	0	0.0
Barry	10	24.4
Barton	3	18.5
Bates	11	52.4
Benton	8	49.4
Bollinger	0	0.0
Boone	40	21.9
Buchanan	68	68.0
Butler	3	6.1
Caldwell	8	89.9
Callaway	7	15.3
Camden	5	15.0
Cape Girardeau	1	1.1
Carroll	3	38.5
Carter	1	12.2
Cass	111	98.6
Cedar	1	5.7
Chariton	2	29.4
Christian	20	19.5
Clark	0	0.0
Clay	313	110.4
Clinton	15	65.5
Cole	5	5.9
Cooper	6	34.7
Crawford	0	0.0
Dade	1	15.6
Dallas	3	14.6
Davies	1	9.1

Counties	Number	Ratio
DeKalb	3	33.3
Dent	0	0.0
Douglas	1	6.8
Dunklin	0	0.0
Franklin	0	0.0
Gasconade	1	5.9
Gentry	1	12.2
Greene	100	31.7
Grundy	3	23.1
Harrison	3	25.0
Henry	5	23.8
Hickory	22	234.0
Holt	2	51.3
Howard	1	10.9
Howell	5	11.1
Iron	0	0.0
Jackson	1,686	196.8
Jasper	78	49.6
Jefferson	1	0.4
Johnson	62	90.2
Knox	0	0.0
Laclede	4	8.8
Lafayette	16	44.7
Lawrence	9	18.1
Lewis	0	0.0
Lincoln	0	0.0
Linn	1	7.7
Livingston	3	19.2
Macon	0	0.0
Madison	0	0.0
Maries	1	11.4
Marion	0	0.0

Counties	Number	Ratio
McDonald	6	18.6
Mercer	0	0.0
Miller	4	14.6
Mississippi	0	0.0
Moniteau	1	5.3
Monroe	0	0.0
Montgomery	0	0.0
Morgan	1	3.9
New Madrid	0	0.0
Newton	22	30.0
Nodaway	13	64.0
Oregon	0	0.0
Osage	0	0.0
Ozark	0	0.0
Pemiscot	0	0.0
Perry	0	0.0
Pettis	21	35.1
Pheelps	0	0.0
Pike	0	0.0
Platte	118	103.9
Polk	6	14.7
Pulaski	4	6.2
Putnam	0	0.0
Ralls	0	0.0
Randolph	3	10.8
Ray	8	32.0
Reynolds	1	17.2
Ripley	0	0.0
Saline	3	11.5
Schuyler	0	0.0
Scotland	0	0.0
Scott	0	0.0

Counties	Number	Ratio
Shannon	0	0.0
Shelby	0	0.0
St. Charles	6	1.5
St. Clair	3	26.1
St. Francois	0	0.0
St. Louis City	4	1.2
St. Louis County	17	1.8
Ste. Genevieve	0	0.0
Stoddard	0	0.0
Stone	10	38.2
Sullivan	1	13.3
Taney	13	21.7
Texas	1	3.6
Vernon	9	36.7
Warren	0	0.0
Washington	0	0.0
Wayne	1	9.2
Webster	4	6.6
Worth	0	0.0
Wright	0	0.0

BRFSS Regions	Number	Ratio
Northeast	22	8.0
Northwest	160	60.5
Central	101	13.0
Southeast	14	2.2
Southwest	333	30.2
St. Louis Region	28	1.3
Kansas City Region	2,286	154.5
Urban	2,590	58.9
Rural	354	15.3

Table 15. Resident Abortions by Marital Status, Number of Living Children, and Number of Previous Abortions by Age of Patient: Missouri, 2023

	Total	Patient's Age									
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and Over	
<u>State Total</u>	3,029	3	62	166	914	891	588	313	87	5	
<u>Marital Status</u>											
Never Married	12	0	0	0	2	5	4	1	0	0	
Currently Married	341	0	0	5	34	84	102	89	24	3	
Formerly Married	1	0	0	0	0	1	0	0	0	0	
Unmarried, Unspecified	2,675	3	62	161	878	801	482	223	63	2	
<u>Number of Living Children</u>											
0	1,176	3	59	138	501	296	114	50	13	2	
1	710	0	3	28	255	227	121	60	16	0	
2	622	0	0	0	120	207	176	92	26	1	
3	319	0	0	0	31	111	100	64	12	1	
4	133	0	0	0	6	36	48	27	15	1	
5	50	0	0	0	0	11	24	12	3	0	
6+	19	0	0	0	1	3	5	8	2	0	
<u>Number of Previous Abortions</u>											
0	1,926	3	59	146	659	538	309	162	45	5	
1	695	0	3	15	194	214	170	79	20	0	
2	260	0	0	5	45	85	69	42	14	0	
3	98	0	0	0	14	35	25	18	6	0	
4	31	0	0	0	1	11	8	9	2	0	
5	12	0	0	0	1	6	3	2	0	0	
6+	7	0	0	0	0	2	4	1	0	0	

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2023

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	6,196,156	67,065	66,470	595	67,444	68,841	10.8	10.7	0.1
Adair	25,122	283	214	69	509	172	11.3	8.5	2.7
Andrew	18,127	155	167	-12	1	106	8.6	9.2	-0.7
Atchison	5,107	60	84	-24	42	73	11.7	16.4	-4.7
Audrain	24,394	305	319	-14	51	217	12.5	13.1	-0.6
Barry	35,265	409	461	-52	133	352	11.6	13.1	-1.5
Barton	11,731	162	146	16	11	94	13.8	12.4	1.4
Bates	16,242	210	212	-2	8	166	12.9	13.1	-0.1
Benton	20,552	162	387	-225	10	252	7.9	18.8	-11
Bollinger	10,544	140	171	-31	3	119	13.3	16.2	-2.9
Boone	189,463	1,823	1,276	547	3,821	2,298	9.6	6.7	2.9
Buchanan	82,956	1,000	1,061	-61	1,359	1,212	12.1	12.8	-0.7
Butler	41,948	492	594	-102	1,210	729	11.7	14.2	-2.4
Caldwell	8,955	89	123	-34	1	71	9.9	13.7	-3.8
Callaway	44,731	459	419	40	11	265	10.3	9.4	0.9
Camden	44,044	333	568	-235	600	663	7.6	12.9	-5.3
Cape Girardeau	82,984	882	851	31	1,900	1,302	10.6	10.3	0.4
Carroll	8,391	78	113	-35	2	77	9.3	13.5	-4.2
Carter	5,303	82	69	13	0	45	15.5	13.0	2.5
Cass	111,732	1,126	1,088	38	41	870	10.1	9.7	0.3
Cedar	14,672	175	218	-43	50	186	11.9	14.9	-2.9
Chariton	7,399	68	102	-34	2	118	9.2	13.8	-4.6
Christian	94,422	1,027	838	189	23	513	10.9	8.9	2.0
Clark	6,641	65	99	-34	4	65	9.8	14.9	-5.1
Clay	259,772	2,835	2,132	703	3,384	2,572	10.9	8.2	2.7
Clinton	21,548	229	286	-57	97	288	10.6	13.3	-2.6
Cole	77,278	847	748	99	1,405	850	11.0	9.7	1.3
Cooper	16,947	173	167	6	4	122	10.2	9.9	0.4
Crawford	22,719	244	310	-66	203	287	10.7	13.6	-2.9
Dade	7,716	64	128	-64	4	73	8.3	16.6	-8.3
Dallas	17,768	205	232	-27	10	155	11.5	13.1	-1.5
Daviess	8,551	110	103	7	70	72	12.9	12.0	0.8
DeKalb	9,899	90	139	-49	2	86	9.1	14.0	-4.9
Dent	14,647	140	255	-115	5	171	9.6	17.4	-7.9
Douglas	12,228	146	209	-63	11	158	11.9	17.1	-5.2
Dunklin	27,032	351	503	-152	0	330	13.0	18.6	-5.6
Franklin	106,404	1,125	1,149	-24	801	976	10.6	10.8	-0.2
Gasconade	14,705	170	219	-49	4	193	11.6	14.9	-3.3
Gentry	6,287	82	73	9	9	63	13.0	11.6	1.4

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2023

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Greene	304,611	3,156	3,200	-44	6,702	4,617	10.4	10.5	-0.1
Grundy	9,815	130	137	-7	8	106	13.2	14.0	-0.7
Harrison	8,220	120	104	16	7	70	14.6	12.7	1.9
Henry	22,485	210	298	-88	283	221	9.3	13.3	-3.9
Hickory	8,718	94	158	-64	6	111	10.8	18.1	-7.3
Holt	4,248	39	66	-27	0	60	9.2	15.5	-6.4
Howard	10,101	92	111	-19	1	65	9.1	11.0	-1.9
Howell	40,735	452	550	-98	536	580	11.1	13.5	-2.4
Iron	9,440	94	185	-91	0	142	10.0	19.6	-9.6
Jackson	718,560	8,565	7,001	1,564	9,347	8,353	11.9	9.7	2.2
Jasper	125,056	1,573	1,416	157	18	951	12.6	11.3	1.3
Jefferson	231,230	2,368	2,329	39	588	1,626	10.2	10.1	0.2
Johnson	54,962	687	411	276	646	339	12.5	7.5	5.0
Knox	3,723	50	62	-12	42	36	13.4	16.7	-3.2
Laclede	36,680	456	504	-48	184	372	12.4	13.7	-1.3
Lafayette	33,196	358	433	-75	11	306	10.8	13.0	-2.3
Lawrence	38,872	497	471	26	153	372	12.8	12.1	0.7
Lewis	9,818	95	127	-32	5	78	9.7	12.9	-3.3
Lincoln	64,699	769	619	150	18	385	11.9	9.6	2.3
Linn	11,791	130	190	-60	1	120	11.0	16.1	-5.1
Livingston	14,557	156	176	-20	130	154	10.7	12.1	-1.4
Macon	15,161	176	221	-45	23	180	11.6	14.6	-3.0
Madison	12,698	115	172	-57	2	133	9.1	13.5	-4.5
Maries	8,430	88	121	-33	3	61	10.4	14.4	-3.9
Marion	28,336	328	375	-47	549	396	11.6	13.2	-1.7
McDonald	23,903	322	289	33	9	164	13.5	12.1	1.4
Mercer	3,469	41	43	-2	20	27	11.8	12.4	-0.6
Miller	25,590	274	306	-32	9	223	10.7	12.0	-1.3
Mississippi	11,822	139	167	-28	1	90	11.8	14.1	-2.4
Moniteau	15,256	189	154	35	8	105	12.4	10.1	2.3
Monroe	8,698	79	104	-25	1	82	9.1	12.0	-2.9
Montgomery	11,459	112	154	-42	7	127	9.8	13.4	-3.7
Morgan	21,970	258	302	-44	99	230	11.7	13.7	-2.0
New Madrid	15,424	180	246	-66	0	171	11.7	15.9	-4.3
Newton	60,677	733	689	44	3,140	1,624	12.1	11.4	0.7
Nodaway	20,695	203	213	-10	197	169	9.8	10.3	-0.5
Oregon	8,720	106	187	-81	5	132	12.2	21.4	-9.3
Osage	13,468	169	137	32	3	81	12.5	10.2	2.4
Ozark	8,970	86	140	-54	2	103	9.6	15.6	-6.0

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2023

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Pemiscot	14,613	179	219	-40	1	169	12.2	15.0	-2.7
Perry	18,950	213	216	-3	93	171	11.2	11.4	-0.2
Pettis	43,530	599	476	123	466	437	13.8	10.9	2.8
Phelps	45,284	393	536	-143	709	588	8.7	11.8	-3.2
Pike	17,935	186	219	-33	7	167	10.4	12.2	-1.8
Platte	111,940	1,136	910	226	673	700	10.1	8.1	2.0
Polk	32,780	407	356	51	549	344	12.4	10.9	1.6
Pulaski	53,812	647	371	276	202	262	12.0	6.9	5.1
Putnam	4,638	62	59	3	22	52	13.4	12.7	0.6
Ralls	10,489	75	125	-50	1	55	7.2	11.9	-4.8
Randolph	24,109	278	304	-26	11	244	11.5	12.6	-1.1
Ray	23,182	250	286	-36	11	194	10.8	12.3	-1.6
Reynolds	5,950	58	84	-26	2	54	9.7	14.1	-4.4
Ripley	10,806	149	210	-61	2	122	13.8	19.4	-5.6
Saline	23,049	260	272	-12	251	200	11.3	11.8	-0.5
Schuyler	4,053	62	48	14	9	28	15.3	11.8	3.5
Scotland	4,676	83	49	34	74	45	17.8	10.5	7.3
Scott	37,889	450	485	-35	471	407	11.9	12.8	-0.9
Shannon	7,238	91	112	-21	3	72	12.6	15.5	-2.9
Shelby	5,931	81	81	0	1	68	13.7	13.7	0.0
St. Charles	416,659	3,970	3,453	517	1,977	3,127	9.5	8.3	1.2
St. Clair	9,752	115	158	-43	25	124	11.8	16.2	-4.4
St. Francois	67,058	685	914	-229	495	817	10.2	13.6	-3.4
St. Louis City	281,754	3,259	3,039	220	3,573	4,950	11.6	10.8	0.8
St. Louis County	987,059	9,676	10,648	-972	18,016	12,858	9.8	10.8	-1.0
Ste. Genevieve	18,642	184	207	-23	141	163	9.9	11.1	-1.2
Stoddard	28,397	318	442	-124	2	318	11.2	15.6	-4.4
Stone	32,658	262	459	-197	4	240	8.0	14.1	-6.0
Sullivan	5,797	75	76	-1	0	64	12.9	13.1	-0.2
Taney	56,775	600	706	-106	535	724	10.6	12.4	-1.9
Texas	25,619	279	345	-66	109	297	10.9	13.5	-2.6
Vernon	19,710	245	293	-48	263	235	12.4	14.9	-2.4
Warren	37,806	426	390	36	12	243	11.3	10.3	1.0
Washington	23,534	226	315	-89	1	219	9.6	13.4	-3.8
Wayne	10,811	109	165	-56	4	107	10.1	15.3	-5.2
Webster	41,472	608	368	240	122	249	14.7	8.9	5.8
Worth	1,907	21	21	0	0	20	11.0	11.0	0.0
Wright	19,403	263	251	12	42	184	13.6	12.9	0.6

Table 16B. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Cities with Over 25,000 Population: Missouri, 2023

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	30,410	285	268	17	0	254	9.4	8.8	0.6
Blue Springs	60,539	635	500	135	0	447	10.5	8.3	2.2
Cape Girardeau	40,508	416	472	-56	1,896	1,111	10.3	11.7	-1.4
Chesterfield	49,166	363	581	-218	1,230	1,027	7.4	11.8	-4.4
Columbia	129,330	1,147	795	352	3,809	2,163	8.9	6.1	2.7
Florissant	51,128	583	587	-4	0	661	11.4	11.5	-0.1
Gladstone	27,329	302	318	-16	5	132	11.1	11.6	-0.6
Grandview	25,436	405	244	161	20	126	15.9	9.6	6.3
Hazelwood	24,863	255	223	32	1	83	10.3	9.0	1.3
Independence	120,922	1,411	1,490	-79	1,069	1,662	11.7	12.3	-0.7
Jefferson City	42,552	483	470	13	1,384	817	11.4	11.0	0.3
Kirkwood	29,174	234	292	-58	3	160	8.0	10.0	-2.0
Lee's Summit	104,184	1,013	811	202	1,976	925	9.7	7.8	1.9
Liberty	30,794	289	280	9	1,566	544	9.4	9.1	0.3
Maryland Heights	27,575	326	252	74	1	202	11.8	9.1	2.7
O'Fallon	94,074	877	641	236	846	598	9.3	6.8	2.5
Raytown	29,097	346	364	-18	9	205	11.9	12.5	-0.6
St. Charles	71,800	698	699	-1	3	1,015	9.7	9.7	-0.0
St. Joseph	70,634	885	898	-13	1,345	1,169	12.5	12.7	-0.2
St. Louis City	281,754	3,259	3,039	220	3,573	4,950	11.6	10.8	0.8
St. Peters	59,413	511	604	-93	0	719	8.6	10.2	-1.6
Springfield	170,188	1,748	1,939	-191	6,685	4,217	10.3	11.4	-1.1
University City	34,096	378	379	-1	2	139	11.1	11.1	-0.0
Wentzville	47,497	478	279	199	11	201	10.1	5.9	4.2
Wildwood	34,851	224	221	3	3	105	6.4	6.3	0.1

Table 16C. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Multi-County Cities: Missouri, 2023

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	53,095	598	617	-19	3,127	1,762	11.3	11.6	-0.4
...Jasper Co. Part	45,015	554	517	37	0	467	12.3	11.5	0.8
...Newton Co. Part	7,503	44	100	-56	3,127	1,295	5.9	13.3	-7.5
Kansas City	510,704	6,315	4,384	1,931	6,884	5,767	12.4	8.6	3.8
...Jackson Co. Part	314,654	4,038	2,982	1,056	6,187	4,743	12.8	9.5	3.4
...Clay Co. Part	140,205	1,690	915	775	37	528	12.1	6.5	5.5
...Platte Co. Part	54,341	587	486	101	660	496	10.8	8.9	1.9
...Cass Co. Part	97	0	1	-1	0	0	0.0	10.3	-10

Table 17A. Resident Live Births and Deaths by Cities with 10,000 to 24,999 Population: Missouri, 2023

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Arnold	202	232
Bellefontaine Neighbors	90	126
Belton	286	258
Bolivar	142	134
Branson	157	169
Bridgeton	120	158
Carthage	246	180
Clayton	69	96
Crestwood	123	132
Creve Coeur	154	244
Dardenne Prairie	87	100
Ellisville	74	156
Eureka	124	98
Excelsior Springs	128	158
Farmington	199	218
Ferguson	261	206
Festus	165	139
Fulton	123	125
Grain Valley	203	104
Hannibal	198	248
Harrisonville	129	90
Jackson	191	147
Jennings	162	180
Kearney	107	99
Kennett	143	192
Kirksville	187	143
Lake St. Louis	151	140
Lebanon	221	230
Manchester	196	128
Marshall	156	155
Maryville	99	108
Mexico	141	181
Moberly	146	185
Neosho	197	123
Nixa	292	256
Overland	161	151

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Ozark	297	186
Poplar Bluff	232	275
Raymore	227	232
Republic	266	170
Rolla	194	186
St. Ann	141	130
Sedalia	331	266
Sikeston	209	219
Smithville	112	71
Town and Country	47	156
Troy	138	143
Union	153	136
Warrensburg	200	139
Washington	153	183
Webb City	169	153
Webster Groves	228	229
West Plains	163	185

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2023

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	67	31	Desloge	60	75
Aurora	100	75	De Soto	77	102
Ava	44	66	Des Peres	73	77
Battlefield	75	40	Dexter	95	143
Berkeley	113	107	East Prairie	46	53
Bethany	45	48	Eldon	57	91
Black Jack	58	98	El Dorado Springs	51	52
Bonne Terre	48	86	Fayette	17	16
Boonville	79	80	Fenton	33	41
Bowling Green	33	75	Forsyth	20	42
Breckenridge Hills	52	45	Fredricktown	40	69
Brentwood	113	68	Frontenac	26	32
Brookfield	51	73	Glendale	81	30
Buckner	30	35	Green Park	26	39
Buffalo	34	56	Greenwood	69	24
Butler	58	72	Herculaneum	59	71
Byrnes Mill	27	36	Higginsville	60	55
California	62	50	Hillsboro	32	16
Camdenton	52	55	Hollister	50	72
Cameron	72	140	Holts Summit	59	30
Canton	19	19	Knob Noster	64	17
Carl Junction	100	63	Ladue	72	54
Carrollton	37	63	Lamar	66	60
Caruthersville	70	84	Lawson	33	31
Cassville	46	51	Lexington	63	77
Centralia	63	57	Licking	24	41
Chaffee	37	42	Louisiana	39	49
Charleston	45	66	Macon	56	105
Chillicothe	98	113	Malden	42	58
Clarkson Valley	17	10	Maplewood	83	47
Clever	52	29	Marshfield	94	84
Clinton	88	143	Monett	134	113
Cottleville	43	25	Monroe City	24	33
Crystal City	6	10	Montgomery City	37	29
Cuba	31	51	Moscow Mills	72	34
Dellwood	67	44	Mountain Grove	61	90

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2023

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
Mountain View	29	45
Mount Vernon	65	91
Nevada	96	156
New Madrid	30	38
Normandy	48	58
North Kansas City	41	58
Northwoods	39	77
Oak Grove	92	87
Odessa	56	70
Olivette	61	68
Oronogo	49	23
Osage Beach	34	100
Owensville	43	62
Pacific	90	71
Pagedale	37	47
Palmyra	29	55
Park Hills	103	113
Parkville	72	45
Peculiar	91	48
Perryville	119	127
Pevely	88	73
Pine Lawn	37	43
Platte City	73	57
Pleasant Hill	87	85
Pleasant Valley	39	40
Portageville	31	49
Potosi	32	47
Richmond	81	96
Richmond Heights	102	81
Riverside	72	39
Rock Hill	66	38
Rogersville	87	42
St. Clair	62	44
Ste. Genevieve	49	78
St. James	30	79
St. John	70	70

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
St. Paul	12	10
St. Robert	58	22
Salem	38	81
Savannah	40	58
Scott City	60	65
Shrewsbury	66	105
Strafford	37	28
Sugar Creek	44	34
Sullivan	105	110
Sunset Hills	65	155
Tipton	20	30
Trenton	61	96
Valley Park	73	88
Vandalia	36	31
Versailles	35	46
Warrenton	120	95
Waynesville	82	50
Weidon Spring	23	81
Willard	69	40
Windsor	33	46
Woodson Terrace	49	40
Wright City	97	42

Table 18A. Twelve Leading Causes of Death and Death Rates per 100,000 Residents: Missouri, 2023

Race	Causes of Death	Number	Crude Rate	Age-Adjusted Rate	Percent Of Total
Total (All Races)	1. Diseases of heart	15,124	244.1	188.4	22.8
	2. Malignant neoplasms	13,127	211.9	159.1	19.7
	3. Unintentional injuries	4,566	73.7	69.9	6.9
	4. Chronic lower respiratory disease	3,709	59.9	44.3	5.6
	5. Cerebrovascular diseases	3,157	51.0	39.4	4.7
	6. Alzheimer's disease	2,517	40.6	31.8	3.8
	7. Diabetes mellitus	1,860	30.0	23.3	2.8
	8. Nephritis and nephrosis	1,710	27.6	21.2	2.6
	9. Suicide	1,131	18.3	17.8	1.7
	10. COVID-19	1,106	17.8	13.7	1.7
	11. Septicemia	985	15.9	12.2	1.5
	12. Influenza and pneumonia	981	15.8	12.3	1.5
	All other causes	16,497	266.2	215.3	24.8
Total (All Causes)		66,470	1072.8	848.8	100.0

Table 18B. Twelve Leading Causes of Resident Death and Percentages by Race: Missouri, 2023

Race	Causes of Death	Number	Percent Of Total
White, Non-Hispanic	1. Diseases of heart	13,159	23.1
	2. Malignant neoplasms	11,501	20.2
	3. Unintentional injuries	3,545	6.2
	4. Chronic lower respiratory disease	3,447	6.0
	5. Cerebrovascular diseases	2,645	4.6
	6. Alzheimer's disease	2,309	4.0
	7. Diabetes mellitus	1,503	2.6
	8. Nephritis and nephrosis	1,410	2.5
	9. COVID-19	1,007	1.8
	10. Suicide	984	1.7
	11. Influenza and pneumonia	881	1.5
	12. Septicemia	832	1.5
	All other causes	13,821	24.2
Total (All Causes)	57,044	100.0	

Black, Non-Hispanic	1. Diseases of heart	1,636	21.7
	2. Malignant neoplasms	1,295	17.2
	3. Unintentional injuries	803	10.7
	4. Cerebrovascular diseases	416	5.5
	5. Homicide	396	5.3
	6. Diabetes mellitus	284	3.8
	7. Nephritis and nephrosis	257	3.4
	8. Chronic lower respiratory disease	201	2.7
	9. Alzheimer's disease	166	2.2
	10. Septicemia	124	1.6
	11. Suicide	93	1.2
	12. Nutritional deficiencies	91	1.2
	All other causes	1,760	23.4
Total (All Causes)	7,522	100.0	

Race	Causes of Death	Number	Percent Of Total
Other Races	1. Malignant neoplasms	191	19.5
	2. Diseases of heart	165	16.8
	3. Unintentional injuries	101	10.3
	4. Cerebrovascular diseases	49	5.0
	5. Diabetes mellitus	33	3.4
	6. Chronic lower respiratory disease	30	3.1
	6. Suicide	30	3.1
	8. Nephritis and nephrosis	26	2.6
	9. Alzheimer's disease	24	2.4
	10. Homicide	20	2.0
	11. Nutritional deficiencies	19	1.9
	12. Chronic liver disease and cirrhosis	17	1.7
	12. Septicemia	17	1.7
All other causes	260	26.5	
Total (All Causes)	982	100.0	

Hispanic, Any Race	1. Diseases of heart	143	16.8
	2. Malignant neoplasms	130	15.3
	3. Unintentional injuries	113	13.3
	4. Cerebrovascular diseases	44	5.2
	5. Diabetes mellitus	36	4.2
	6. Chronic liver disease and cirrhosis	32	3.8
	7. Homicide	30	3.5
	8. Chronic lower respiratory disease	26	3.1
	9. Suicide	24	2.8
	10. Alzheimer's disease	17	2.0
	11. Nephritis and nephrosis	16	1.9
	12. COVID-19	13	1.5
	All other causes	225	26.5
Total (All Causes)	849	100.0	

Table 19. Five Leading Causes of Death and Percentages for Selected Resident Age Groups: Missouri, 2023

Age Group	Causes of Death	Number	Percent Of Total
Under 1	1. Conditions orig. in perinatal period	177	44.9
	2. Congenital anomalies	81	20.6
	3. Unintentional injuries	50	12.7
	4. Diseases of heart	7	1.8
	4. Homicide	7	1.8
	Total (All Causes)	394	100.0
1-4	1. Unintentional injuries	28	28.6
	2. Congenital anomalies	11	11.2
	3. Homicide	9	9.2
	4. Influenza and pneumonia	6	6.1
	5. Malignant neoplasms	4	4.1
	Total (All Causes)	98	100.0
5-14	1. Unintentional injuries	37	27.0
	2. Suicide	12	8.8
	3. Malignant neoplasms	10	7.3
	4. Homicide	9	6.6
	5. Congenital anomalies	8	5.8
	Total (All Causes)	137	100.0
15-24	1. Unintentional injuries	336	42.6
	2. Homicide	159	20.2
	3. Suicide	132	16.7
	4. Malignant neoplasms	31	3.9
	5. Diseases of heart	21	2.7
	Total (All Causes)	789	100.0
25-34	1. Unintentional injuries	585	40.6
	2. Suicide	189	13.1
	3. Homicide	162	11.2
	4. Diseases of heart	78	5.4
	5. Malignant neoplasms	74	5.1
	Total (All Causes)	1,442	100.0
35-44	1. Unintentional injuries	769	34.5
	2. Diseases of heart	289	13.0
	3. Malignant neoplasms	221	9.9
	4. Suicide	197	8.8
	5. Homicide	121	5.4
	Total (All Causes)	2,231	100.0

Age Group	Causes of Death	Number	Percent Of Total
45-54	1. Diseases of heart	722	20.8
	2. Malignant neoplasms	644	18.6
	3. Unintentional injuries	606	17.5
	4. Suicide	190	5.5
	5. Chronic liver disease and cirrhosis	135	3.9
	Total (All Causes)	3,463	100.0
55-64	1. Malignant neoplasms	2,281	26.7
	2. Diseases of heart	1,975	23.1
	3. Unintentional injuries	618	7.2
	4. Chronic lower respiratory disease	455	5.3
	5. Cerebrovascular diseases	321	3.8
	Total (All Causes)	8,536	100.0
65-74	1. Malignant neoplasms	3,909	27.8
	2. Diseases of heart	3,235	23.0
	3. Chronic lower respiratory disease	1,079	7.7
	4. Cerebrovascular diseases	608	4.3
	5. Unintentional injuries	501	3.6
	Total (All Causes)	14,046	100.0
75-84	1. Diseases of heart	3,904	22.6
	2. Malignant neoplasms	3,891	22.5
	3. Chronic lower respiratory disease	1,211	7.0
	4. Cerebrovascular diseases	919	5.3
	5. Alzheimer's disease	805	4.7
	Total (All Causes)	17,288	100.0
85 and Over	1. Diseases of heart	4,885	27.1
	2. Malignant neoplasms	2,060	11.4
	3. Alzheimer's disease	1,481	8.2
	4. Cerebrovascular diseases	1,121	6.2
	5. Chronic lower respiratory disease	864	4.8
	Total (All Causes)	18,045	100.0

Table 20. Resident Deaths with Age-Specific Rates per 1,000 Residents By Age Groups By Sex and Race: Missouri, 2023

Age at Death	Age-Specific Rate			All Races			White, Non-Hispanic			Black, Non-Hispanic		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
	All Ages	10.7	11.4	10.0	66,470	34,942	31,528	57,044	29,664	27,380	7,522	4,223
Under 1	5.9	6.2	5.5	394	212	182	207	112	95	112	62	50
1-4	0.3	0.4	0.3	98	57	41	56	34	22	31	17	14
5-9	0.1	0.2	0.1	55	31	24	29	17	12	16	8	8
10-14	0.2	0.3	0.2	82	53	29	55	37	18	16	11	5
15-19	0.8	1.1	0.4	314	236	78	186	131	55	99	81	18
20-24	1.2	1.7	0.7	475	340	135	277	186	91	146	119	27
25-29	1.5	2.2	0.8	591	433	158	354	255	99	172	127	45
30-34	2.0	2.7	1.3	851	572	279	563	383	180	219	149	70
35-39	2.4	3.2	1.6	964	643	321	692	460	232	212	145	67
40-44	3.2	4.2	2.2	1,267	836	431	903	578	325	282	204	78
45-49	4.0	5.1	2.9	1,404	898	506	1,040	656	384	285	190	95
50-54	5.6	6.9	4.3	2,059	1,257	802	1,603	975	628	377	236	141
55-59	8.7	10.7	6.8	3,259	1,970	1,289	2,600	1,579	1,021	548	317	231
60-64	12.7	15.9	9.7	5,277	3,208	2,069	4,345	2,634	1,711	781	478	303
65-69	17.8	22.3	13.6	6,613	3,961	2,652	5,562	3,325	2,237	896	545	351
70-74	25.1	30.4	20.5	7,433	4,170	3,263	6,420	3,620	2,800	852	465	387
75-79	39.2	45.4	34.0	8,392	4,398	3,994	7,490	3,936	3,554	722	365	357
80-84	66.3	77.9	57.7	8,896	4,444	4,452	8,087	4,051	4,036	645	319	326
85 and Over	150.1	167.8	140.2	18,045	7,222	10,823	16,574	6,694	9,880	1,111	385	726
Unknown Age	0.0	0.0	0.0	1	1	0	1	1	0	0	0	0

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2023

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	66,470	394	98	55	82	314	475	591	851	964	1,267
COVID-19	1,106	2	2	0	0	0	3	3	4	3	5
Septicemia	985	1	1	0	1	0	1	2	6	7	17
HIV / AIDS	58	0	0	0	0	0	0	1	2	2	6
Malignant neoplasms	13,127	2	4	7	3	13	18	24	50	79	142
...Colon, rectum, and anus	1,165	0	0	0	0	0	0	2	5	11	20
...Pancreas	1,002	0	0	0	0	0	0	0	0	1	7
...Trachea, bronchus, and lung	3,399	0	0	0	0	0	1	0	4	7	9
...Breast	879	0	0	0	0	0	1	3	7	17	15
...Cervix uteri, corpus uteri, and ovary	566	0	0	0	0	0	0	3	6	10	12
...Prostate	704	0	0	0	0	0	0	0	0	0	0
...Urinary tract	744	0	0	0	0	1	1	1	1	0	11
...Non-Hodgkin's lymphoma	402	0	0	0	0	0	2	2	2	1	2
...Leukemia	468	0	2	3	1	6	1	3	3	6	8
...Other malignant neoplasms	3,798	2	2	4	2	6	12	10	22	26	58
Diabetes mellitus	1,860	0	1	2	2	2	5	11	18	16	31
Alzheimer's disease	2,517	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	838	0	0	0	0	0	0	0	0	0	1
Diseases of heart	15,124	7	2	4	1	7	14	32	46	108	181
Essential hypertension	474	0	0	0	0	0	0	0	1	2	3
Cerebrovascular diseases	3,157	1	0	1	3	0	4	3	12	15	22
Influenza and pneumonia	981	3	6	1	0	1	3	4	10	6	10
Chronic lower respiratory disease	3,709	0	2	3	0	1	4	4	5	4	6
Pneumonitis due to solids and liquids	468	0	0	0	0	0	2	1	3	3	2
Chronic liver disease and cirrhosis	920	0	0	0	0	0	0	5	21	31	47
Nephritis and nephrosis	1,710	3	0	0	0	0	0	6	6	11	20
Perinatal conditions	177	177	0	0	0	0	0	0	0	0	0
Congenital anomalies	189	81	11	5	3	2	5	1	5	4	2
Symptoms and ill-defined conditions	458	29	4	0	2	5	11	10	15	23	18
All other diseases	12,119	29	24	15	21	14	27	63	95	110	179
Unintentional injuries	4,566	50	28	12	25	139	197	238	347	380	389
...Motor vehicle crashes	1,027	2	6	8	13	78	89	93	88	75	70
...Falls	848	0	0	1	0	1	2	1	5	7	8
...Accidental poisoning	1,881	2	5	0	4	40	81	127	237	274	278
...Other unintentional injuries	810	46	17	3	8	20	25	17	17	24	33
Suicide	1,131	0	0	0	12	42	90	94	95	96	101
Homicide	608	7	9	4	5	77	82	72	90	55	66
All other external causes	188	2	4	1	4	11	9	17	20	9	19

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2023

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	1,404	2,059	3,259	5,277	6,613	7,433	8,392	8,896	18,045	1
COVID-19	7	15	26	65	88	123	163	182	415	0
Septicemia	19	28	53	86	114	133	149	131	236	0
HIV / AIDS	6	7	12	9	6	4	3	0	0	0
Malignant neoplasms	238	406	805	1,476	1,933	1,976	2,080	1,811	2,060	0
...Colon, rectum, and anus	33	62	82	157	145	143	145	150	210	0
...Pancreas	14	26	77	115	146	174	167	142	133	0
...Trachea, bronchus, and lung	37	76	213	464	590	574	590	456	378	0
...Breast	23	36	64	124	100	95	139	107	148	0
...Cervix uteri, corpus uteri, and ovary	16	29	46	62	90	93	80	63	56	0
...Prostate	3	2	19	33	68	110	126	138	205	0
...Urinary tract	11	16	27	65	98	93	115	130	174	0
...Non-Hodgkin's lymphoma	3	14	13	21	51	42	84	77	88	0
...Leukemia	7	10	13	31	40	57	74	78	125	0
...Other malignant neoplasms	91	135	251	404	605	595	560	470	543	0
Diabetes mellitus	41	94	134	179	242	231	274	224	353	0
Alzheimer's disease	0	4	9	20	60	138	311	494	1,481	0
Parkinson's disease	0	2	4	10	51	98	166	196	310	0
Diseases of heart	260	462	762	1,213	1,516	1,719	1,819	2,085	4,885	1
Essential hypertension	3	9	24	30	52	46	56	74	174	0
Cerebrovascular diseases	52	75	119	202	265	343	421	498	1,121	0
Influenza and pneumonia	8	17	41	61	81	99	115	154	361	0
Chronic lower respiratory disease	20	51	127	328	486	593	624	587	864	0
Pneumonitis due to solids and liquids	1	11	14	23	36	38	63	80	191	0
Chronic liver disease and cirrhosis	48	87	120	166	127	95	77	55	41	0
Nephritis and nephrosis	34	38	80	117	166	215	244	268	502	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	4	13	9	15	12	4	5	3	5	0
Symptoms and ill-defined conditions	14	21	16	44	34	31	32	40	109	0
All other diseases	200	287	478	786	990	1,240	1,520	1,722	4,319	0
Unintentional injuries	318	288	294	324	266	235	214	239	583	0
...Motor vehicle crashes	59	70	69	84	55	56	42	31	39	0
...Falls	9	14	23	47	55	75	100	135	365	0
...Accidental poisoning	219	167	165	143	92	27	11	4	5	0
...Other unintentional injuries	31	37	37	50	64	77	61	69	174	0
Suicide	92	98	93	85	68	46	44	45	30	0
Homicide	27	33	27	27	10	8	5	3	1	0
All other external causes	12	13	12	11	10	18	7	5	4	0

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2023

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	34,942	212	57	31	53	236	340	433	572	643	836
COVID-19	560	1	1	0	0	0	1	2	3	3	2
Septicemia	487	1	0	0	1	0	1	2	2	2	7
HIV / AIDS	46	0	0	0	0	0	0	0	2	2	4
Malignant neoplasms	6,993	0	2	4	0	7	7	13	20	29	70
...Colon, rectum, and anus	621	0	0	0	0	0	0	1	3	8	15
...Pancreas	543	0	0	0	0	0	0	0	0	1	3
...Trachea, bronchus, and lung	1,810	0	0	0	0	0	0	0	3	4	5
...Breast	11	0	0	0	0	0	0	0	0	0	0
...Cervix uteri, corpus uteri, and ovary	0	0	0	0	0	0	0	0	0	0	0
...Prostate	704	0	0	0	0	0	0	0	0	0	0
...Urinary tract	506	0	0	0	0	1	1	1	0	0	7
...Non-Hodgkin's lymphoma	235	0	0	0	0	0	0	1	1	1	2
...Leukemia	275	0	1	3	0	2	1	2	2	3	3
...Other malignant neoplasms	2,288	0	1	1	0	4	5	8	11	12	35
Diabetes mellitus	1,111	0	1	2	1	2	3	7	12	8	24
Alzheimer's disease	808	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	552	0	0	0	0	0	0	0	0	0	0
Diseases of heart	8,328	5	2	3	0	3	6	21	32	73	124
Essential hypertension	202	0	0	0	0	0	0	0	0	1	1
Cerebrovascular diseases	1,442	0	0	1	2	0	4	1	7	8	12
Influenza and pneumonia	494	2	3	1	0	0	3	2	6	5	5
Chronic lower respiratory disease	1,763	0	1	2	0	0	3	2	3	3	2
Pneumonitis due to solids and liquids	254	0	0	0	0	0	1	1	2	2	1
Chronic liver disease and cirrhosis	562	0	0	0	0	0	0	3	9	23	30
Nephritis and nephrosis	880	1	0	0	0	0	0	3	4	4	7
Perinatal conditions	96	96	0	0	0	0	0	0	0	0	0
Congenital anomalies	96	38	10	1	1	1	3	1	4	4	2
Symptoms and ill-defined conditions	238	15	2	0	1	5	8	8	6	16	8
All other diseases	5,536	17	13	6	12	11	15	36	53	63	110
Unintentional injuries	2,949	29	15	8	18	97	133	184	245	277	281
...Motor vehicle crashes	713	1	4	5	9	54	60	73	63	53	52
...Falls	410	0	0	0	0	1	2	1	3	5	8
...Accidental poisoning	1,325	1	3	0	4	28	49	97	166	200	193
...Other unintentional injuries	501	27	8	3	5	14	22	13	13	19	28
Suicide	925	0	0	0	9	35	75	76	76	73	80
Homicide	489	6	5	2	5	66	69	56	70	43	53
All other external causes	131	1	2	1	3	9	8	15	16	4	13

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2023

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	898	1,257	1,970	3,208	3,961	4,170	4,398	4,444	7,222	1
COVID-19	4	6	17	36	36	72	81	106	189	0
Septicemia	7	15	34	45	66	66	78	56	104	0
HIV / AIDS	5	4	10	6	6	4	3	0	0	0
Malignant neoplasms	123	201	417	821	1,115	1,089	1,107	949	1,019	0
...Colon, rectum, and anus	16	27	50	97	85	80	75	78	86	0
...Pancreas	10	15	43	67	89	98	88	72	57	0
...Trachea, bronchus, and lung	22	46	116	267	332	311	295	236	173	0
...Breast	0	2	0	2	1	2	2	0	2	0
...Cervix uteri, corpus uteri, and ovary	0	0	0	0	0	0	0	0	0	0
...Prostate	3	2	19	33	68	110	126	138	205	0
...Urinary tract	10	13	19	49	74	62	77	77	115	0
...Non-Hodgkin's lymphoma	3	5	6	14	38	23	57	42	42	0
...Leukemia	7	7	6	21	23	36	48	46	64	0
...Other malignant neoplasms	52	84	158	271	405	367	339	260	275	0
Diabetes mellitus	28	52	90	118	159	130	173	132	169	0
Alzheimer's disease	0	1	2	9	21	55	108	189	423	0
Parkinson's disease	0	2	4	5	41	66	119	124	191	0
Diseases of heart	165	308	515	819	1,007	1,074	1,063	1,106	2,001	1
Essential hypertension	1	7	17	18	34	21	25	30	47	0
Cerebrovascular diseases	31	41	64	118	150	189	201	223	390	0
Influenza and pneumonia	7	7	23	32	51	52	53	72	170	0
Chronic lower respiratory disease	14	22	57	160	249	295	312	279	359	0
Pneumonitis due to solids and liquids	0	5	9	13	22	24	32	43	99	0
Chronic liver disease and cirrhosis	26	63	72	102	81	58	45	28	22	0
Nephritis and nephrosis	21	23	46	64	96	124	130	147	210	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	1	8	3	9	5	1	2	0	2	0
Symptoms and ill-defined conditions	8	17	9	27	24	15	18	17	34	0
All other diseases	125	162	263	470	555	624	697	792	1,512	0
Unintentional injuries	226	201	212	231	172	156	105	110	249	0
...Motor vehicle crashes	43	53	51	58	28	38	25	19	24	0
...Falls	5	12	14	31	36	46	42	60	144	0
...Accidental poisoning	153	106	120	108	66	21	7	2	1	0
...Other unintentional injuries	25	30	27	34	42	51	31	29	80	0
Suicide	73	75	77	76	54	40	39	39	28	0
Homicide	23	27	22	23	10	5	3	1	0	0
All other external causes	10	10	7	6	7	10	4	1	4	0

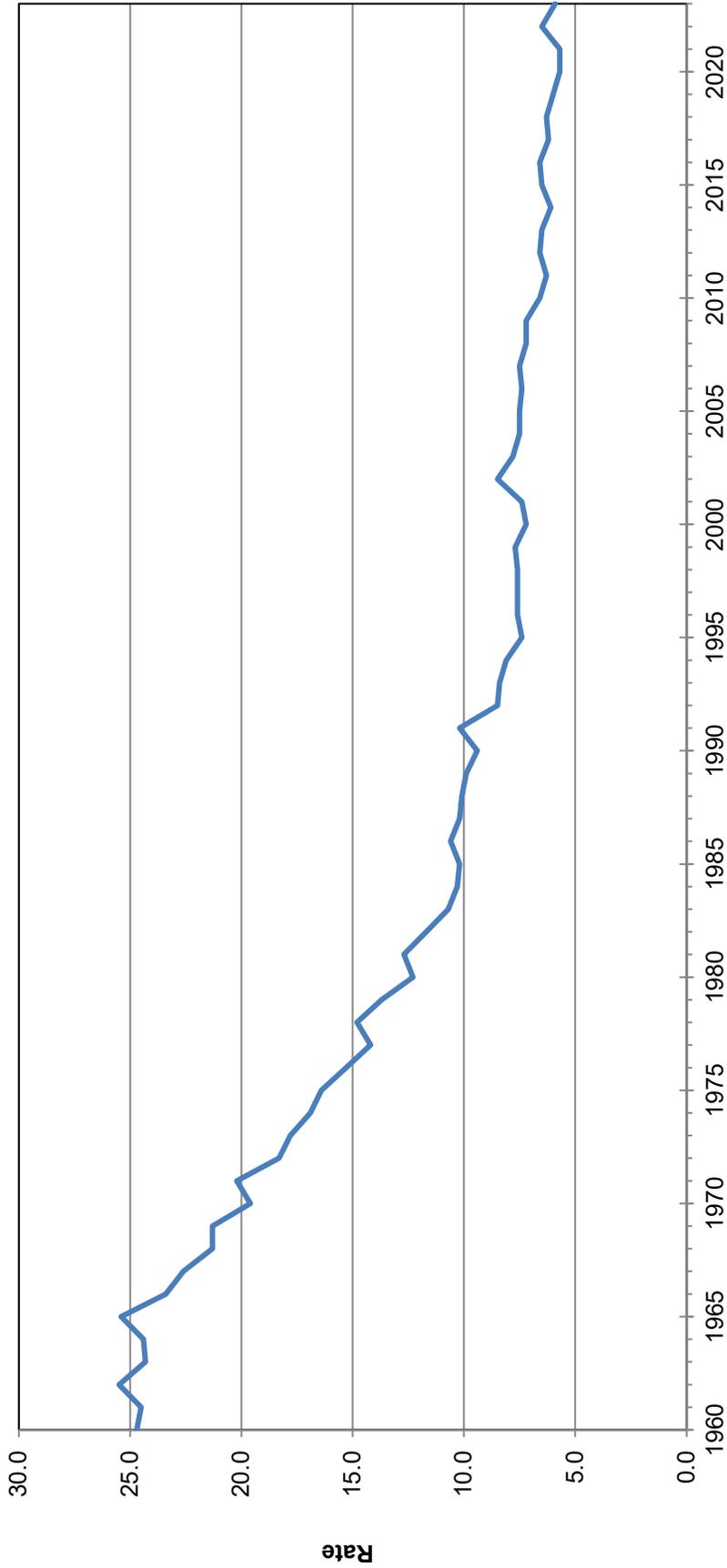
Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2023

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	31,528	182	41	24	29	78	135	158	279	321	431
COVID-19	546	1	1	0	0	0	2	1	1	0	3
Septicemia	498	0	1	0	0	0	0	0	4	5	10
HIV / AIDS	12	0	0	0	0	0	0	1	0	0	2
Malignant neoplasms	6,134	2	2	3	3	6	11	11	30	50	72
...Colon, rectum, and anus	544	0	0	0	0	0	0	1	2	3	5
...Pancreas	459	0	0	0	0	0	0	0	0	0	4
...Trachea, bronchus, and lung	1,589	0	0	0	0	0	1	0	1	3	4
...Breast	868	0	0	0	0	0	1	3	7	17	15
...Cervix uteri, corpus uteri, and ovary	566	0	0	0	0	0	0	3	6	10	12
...Prostate	0	0	0	0	0	0	0	0	0	0	0
...Urinary tract	238	0	0	0	0	0	0	0	1	0	4
...Non-Hodgkin's lymphoma	167	0	0	0	0	0	2	1	1	0	0
...Leukemia	193	0	1	0	1	4	0	1	1	3	5
...Other malignant neoplasms	1,510	2	1	3	2	2	7	2	11	14	23
Diabetes mellitus	749	0	0	0	1	0	2	4	6	8	7
Alzheimer's disease	1,709	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	286	0	0	0	0	0	0	0	0	0	1
Diseases of heart	6,796	2	0	1	1	4	8	11	14	35	57
Essential hypertension	272	0	0	0	0	0	0	0	1	1	2
Cerebrovascular diseases	1,715	1	0	0	1	0	0	2	5	7	10
Influenza and pneumonia	487	1	3	0	0	1	0	2	4	1	5
Chronic lower respiratory disease	1,946	0	1	1	0	1	1	2	2	1	4
Pneumonitis due to solids and liquids	214	0	0	0	0	0	0	0	1	1	1
Chronic liver disease and cirrhosis	358	0	0	0	0	0	0	2	12	8	17
Nephritis and nephrosis	830	2	0	0	0	0	0	3	2	7	13
Perinatal conditions	81	81	0	0	0	0	0	0	0	0	0
Congenital anomalies	93	43	1	4	2	1	2	0	1	0	0
Symptoms and ill-defined conditions	220	14	2	0	0	1	3	2	9	7	10
All other diseases	6,583	12	11	9	9	3	12	27	42	47	69
Unintentional injuries	1,617	21	13	4	7	42	64	54	102	103	108
...Motor vehicle crashes	314	1	2	3	4	24	29	20	25	22	18
...Falls	438	0	0	1	0	0	0	0	2	2	0
...Accidental poisoning	556	1	2	0	0	12	32	30	71	74	85
...Other unintentional injuries	309	19	9	0	3	6	3	4	4	5	5
Suicide	206	0	0	0	3	7	15	18	19	23	21
Homicide	119	1	4	2	2	11	13	16	20	12	13
All other external causes	57	1	2	0	1	2	1	2	4	5	6

Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2023

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	506	802	1,289	2,069	2,652	3,263	3,994	4,452	10,823	0
COVID-19	3	9	9	29	52	51	82	76	226	0
Septicemia	12	13	19	41	48	67	71	75	132	0
HIV / AIDS	1	3	2	3	0	0	0	0	0	0
Malignant neoplasms	115	205	388	655	818	887	973	862	1,041	0
...Colon, rectum, and anus	17	35	32	60	60	63	70	72	124	0
...Pancreas	4	11	34	48	57	76	79	70	76	0
...Trachea, bronchus, and lung	15	30	97	197	258	263	295	220	205	0
...Breast	23	34	64	122	99	93	137	107	146	0
...Cervix uteri, corpus uteri, and ovary	16	29	46	62	90	93	80	63	56	0
...Prostate	0	0	0	0	0	0	0	0	0	0
...Urinary tract	1	3	8	16	24	31	38	53	59	0
...Non-Hodgkin's lymphoma	0	9	7	7	13	19	27	35	46	0
...Leukemia	0	3	7	10	17	21	26	32	61	0
...Other malignant neoplasms	39	51	93	133	200	228	221	210	268	0
Diabetes mellitus	13	42	44	61	83	101	101	92	184	0
Alzheimer's disease	0	3	7	11	39	83	203	305	1,058	0
Parkinson's disease	0	0	0	5	10	32	47	72	119	0
Diseases of heart	95	154	247	394	509	645	756	979	2,884	0
Essential hypertension	2	2	7	12	18	25	31	44	127	0
Cerebrovascular diseases	21	34	55	84	115	154	220	275	731	0
Influenza and pneumonia	1	10	18	29	30	47	62	82	191	0
Chronic lower respiratory disease	6	29	70	168	237	298	312	308	505	0
Pneumonitis due to solids and liquids	1	6	5	10	14	14	31	37	92	0
Chronic liver disease and cirrhosis	22	24	48	64	46	37	32	27	19	0
Nephritis and nephrosis	13	15	34	53	70	91	114	121	292	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	3	5	6	6	7	3	3	3	3	0
Symptoms and ill-defined conditions	6	4	7	17	10	16	14	23	75	0
All other diseases	75	125	215	316	435	616	823	930	2,807	0
Unintentional injuries	92	87	82	93	94	79	109	129	334	0
...Motor vehicle crashes	16	17	18	26	27	18	17	12	15	0
...Falls	4	2	9	16	19	29	58	75	221	0
...Accidental poisoning	66	61	45	35	26	6	4	2	4	0
...Other unintentional injuries	6	7	10	16	22	26	30	40	94	0
Suicide	19	23	16	9	14	6	5	6	2	0
Homicide	4	6	5	4	0	3	2	2	1	0
All other external causes	2	3	5	5	3	8	3	4	0	0

Graph D. Resident Infant Deaths per 1,000 Live Births: Missouri, 1960-2023



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	2014	456	6.1
1970	1,580	19.6	1995	539	7.4	2015	489	6.5
1975	1,123	16.4	2000	547	7.2	2017	455	6.2
1980	970	12.3	2005	588	7.5	2018	459	6.3
						2019	432	6.0
						2020	392	5.7
						2021	393	5.7
						2022	450	6.5
						2023	394	5.9

Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2023

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	616	394	378	238	156	25
Counties						
Adair	5	1	4	1	0	0
Andrew	2	1	1	1	0	0
Atchison	0	0	0	0	0	0
Audrain	3	1	2	1	0	0
Barry	1	1	0	1	0	0
Barton	1	1	0	1	0	0
Bates	3	2	1	2	0	0
Benton	3	0	3	0	0	0
Bollinger	0	0	0	0	0	0
Boone	20	12	12	8	4	2
Buchanan	6	8	3	3	5	0
Butler	4	2	2	2	0	0
Caldwell	0	0	0	0	0	0
Callaway	6	1	6	0	1	1
Camden	1	1	0	1	0	0
Cape Girardeau	14	9	7	7	2	0
Carroll	2	1	1	1	0	0
Carter	0	0	0	0	0	0
Cass	10	4	7	3	1	1
Cedar	1	0	1	0	0	0
Chariton	0	0	0	0	0	0
Christian	8	5	4	4	1	0
Clark	0	0	0	0	0	0
Clay	16	9	12	4	5	0
Clinton	3	1	3	0	1	0
Cole	5	5	1	4	1	0
Cooper	1	1	0	1	0	0
Crawford	1	0	1	0	0	0
Dade	0	1	0	0	1	0
Dallas	3	3	2	1	2	0
Davies	1	1	0	1	0	0
Dekalb	0	0	0	0	0	0
Dent	1	0	1	0	0	0
Douglas	2	1	1	1	0	0
Dunklin	3	5	2	1	4	0
Franklin	6	5	2	4	1	1
Gasconade	3	3	1	2	1	0
Gentry	1	1	1	0	1	0
Greene	33	22	18	15	7	1
Grundy	1	1	0	1	0	0
Harrison	0	1	0	0	1	0
Henry	1	1	0	1	0	0
Hickory	0	1	0	0	1	0
Holt	0	1	0	0	1	0
Howard	1	2	0	1	1	0
Howell	5	5	1	4	1	0
Iron	1	0	1	0	0	0
Jackson	107	64	66	41	23	3
Jasper	9	6	7	2	4	0
Jefferson	21	11	14	7	4	1
Johnson	9	3	7	2	1	0
Knox	1	0	1	0	0	0
Laclede	3	2	2	1	1	0
Lafayette	5	3	4	1	2	0
Lawrence	5	1	4	1	0	0
Lewis	1	2	0	1	1	0
Lincoln	6	2	5	1	1	0
Linn	1	1	0	1	0	0
Livingston	3	1	3	0	1	0
Macon	1	1	1	0	1	0
Madison	3	1	3	0	1	0
Maries	2	1	2	0	1	0
Marion	5	3	3	2	1	0
McDonald	6	4	4	2	2	0
Mercer	0	0	0	0	0	0
Miller	2	2	0	2	0	0
Mississippi	5	3	3	2	1	0
Moniteau	1	1	1	0	1	0
Monroe	1	0	1	0	0	0
Montgomery	1	0	1	0	0	0
Morgan	2	0	2	0	0	0
New Madrid	0	2	0	0	2	0
Newton	6	2	4	2	0	0
Nodaway	0	0	0	0	0	0

Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2023

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	2	1	1	1	0	0
Osage	0	0	0	0	0	1
Ozark	0	0	0	0	0	0
Pemiscot	5	1	5	0	1	1
Perry	3	1	3	0	1	0
Pettis	4	3	3	1	2	0
Phelps	4	1	3	1	0	0
Pike	1	2	1	0	2	1
Platte	4	2	2	2	0	0
Polk	3	3	0	3	0	0
Pulaski	7	1	7	0	1	0
Putnam	0	0	0	0	0	0
Ralls	1	1	0	1	0	0
Randolph	2	1	1	1	0	0
Ray	2	2	1	1	1	0
Reynolds	0	0	0	0	0	0
Ripley	2	1	2	0	1	0
Saline	4	2	2	2	0	0
Schuyler	0	0	0	0	0	0
Scotland	0	0	0	0	0	0
Scott	10	6	6	4	2	0
Shannon	0	0	0	0	0	0
Shelby	1	1	0	1	0	0
St. Charles	17	9	12	5	4	2
St. Clair	3	1	2	1	0	0
St. Francois	11	6	5	6	0	0
St. Louis City	35	31	15	20	11	1
St. Louis County	76	57	45	31	26	7
Ste. Genevieve	2	2	0	2	0	0
Stoddard	2	4	0	2	2	0
Stone	2	1	2	0	1	0
Sullivan	0	0	0	0	0	0
Taney	8	4	6	2	2	0
Texas	4	2	3	1	1	1
Vernon	3	3	1	2	1	0
Warren	3	2	2	1	1	0
Washington	1	0	1	0	0	0
Wayne	0	0	0	0	0	0
Webster	7	6	5	2	4	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Worth	0	0	0	0	0	0
Wright	1	1	1	0	1	1
Unknown	2	0	2	0	0	0
<u>Cities w/25k Pop.</u>						
Ballwin	0	0	0	0	0	0
Blue Springs	4	6	1	3	3	0
Cape Girardeau	7	6	2	5	1	0
Chesterfield	0	1	0	0	1	1
Columbia	11	8	6	5	3	1
Florissant	7	5	4	3	2	0
Gladstone	0	1	0	0	1	0
Grandview	1	2	1	0	2	0
Hazelwood	2	1	2	0	1	0
Independence	22	10	15	7	3	0
Jefferson City	3	4	0	3	1	0
Kirkwood	2	0	2	0	0	0
Lee's Summit	6	5	2	4	1	0
Liberty	3	1	2	1	0	0
Maryland Heights	2	1	1	1	0	0
O'Fallon	3	2	2	1	1	1
Raytown	4	2	2	2	0	0
St. Charles	1	2	0	1	1	0
St. Joseph	5	7	3	2	5	0
St. Louis City	35	31	15	20	11	1
St. Peters	4	2	3	1	1	0
Springfield	21	15	11	10	5	1
University City	1	2	0	1	1	0
Wentzville	2	0	2	0	0	1
Wildwood	1	1	0	1	0	0
<u>Multi-County Cities</u>						
Joplin	4	2	4	0	2	0
...Jasper Co. Part	3	2	3	0	2	0
...Newton Co. Part	1	0	1	0	0	0
Kansas City	74	39	50	24	15	3
...Jackson Co. Part	60	33	39	21	12	3
...Clay Co. Part	11	5	9	2	3	0
...Platte Co. Part	3	1	2	1	0	0
...Cass Co. Part	0	0	0	0	0	0

Table 22B. White Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2023

County	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	366	207	238	128	79	12
Cities						
Adair	2	0	2	0	0	0
Andrew	2	1	1	1	0	0
Atchison	0	0	0	0	0	0
Audrain	3	1	2	1	0	0
Barry	1	1	0	1	0	0
Barton	1	1	0	1	0	0
Bates	3	2	1	2	0	0
Benton	3	0	3	0	0	0
Bollinger	0	0	0	0	0	0
Boone	11	4	8	3	1	2
Buchanan	4	7	2	2	5	0
Butler	2	1	1	1	0	0
Caldwell	0	0	0	0	0	0
Callaway	6	1	6	0	1	1
Camden	1	1	0	1	0	0
Cape Girardeau	6	1	5	1	0	0
Carroll	2	1	1	1	0	0
Carter	0	0	0	0	0	0
Cass	7	1	6	1	0	1
Cedar	1	0	1	0	0	0
Chariton	0	0	0	0	0	0
Christian	5	2	4	1	1	0
Clark	0	0	0	0	0	0
Clay	8	4	7	1	3	0
Clinton	1	1	1	0	1	0
Cole	3	3	1	2	1	0
Cooper	1	1	0	1	0	0
Crawford	1	0	1	0	0	0
Dade	0	1	0	0	1	0
Dallas	3	3	2	1	2	0
Davies	1	1	0	1	0	0
Dekalb	0	0	0	0	0	0
Dent	1	0	1	0	0	0
Douglas	1	1	0	1	0	0
Dunklin	2	2	2	0	2	0
Franklin	6	5	2	4	1	1

County	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Gasconade	3	3	1	2	1	0
Gentry	1	1	1	0	1	0
Greene	26	17	16	10	7	1
Grundy	1	1	0	1	0	0
Harrison	0	1	0	0	1	0
Henry	1	1	0	1	0	0
Hickory	0	1	0	0	1	0
Holt	0	1	0	0	1	0
Howard	1	1	0	1	0	0
Howell	4	4	1	3	1	0
Iron	1	0	1	0	0	0
Jackson	42	22	22	20	2	1
Jasper	6	4	4	2	2	0
Jefferson	19	7	14	5	2	1
Johnson	8	3	6	2	1	0
Knox	1	0	1	0	0	0
Laclede	3	2	2	1	1	0
Lafayette	5	3	4	1	2	0
Lawrence	5	1	4	1	0	0
Lewis	1	2	0	1	1	0
Lincoln	6	2	5	1	1	0
Linn	1	1	0	1	0	0
Livingston	2	1	2	0	1	0
Macon	1	1	1	0	1	0
Madison	3	1	3	0	1	0
Maries	2	1	2	0	1	0
Marion	4	2	3	1	1	0
McDonald	2	2	1	1	1	0
Mercer	0	0	0	0	0	0
Miller	2	2	0	2	0	0
Mississippi	4	3	2	2	1	0
Moniteau	1	1	1	0	1	0
Monroe	1	0	1	0	0	0
Montgomery	1	0	1	0	0	0
Morgan	2	0	2	0	0	0
New Madrid	0	2	0	0	2	0
Newton	5	2	3	2	0	0
Nodaway	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, 2023

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	2	1	1	1	0	0
Osage	0	0	0	0	0	1
Ozark	0	0	0	0	0	0
Pemiscot	2	0	2	0	0	0
Perry	2	1	2	0	1	0
Pettis	4	3	3	1	2	0
Phelps	2	0	2	0	0	0
Pike	1	1	1	0	1	1
Platte	1	0	1	0	0	0
Polk	3	3	0	3	0	0
Pulaski	5	0	5	0	0	0
Putnam	0	0	0	0	0	0
Ralls	1	1	0	1	0	0
Randolph	1	0	1	0	0	0
Ray	1	2	0	1	1	0
Reynolds	0	0	0	0	0	0
Ripley	2	1	2	0	1	0
Saline	2	2	0	2	0	0
Schuyler	0	0	0	0	0	0
Scotland	0	0	0	0	0	0
Scott	8	5	4	4	1	0
Shannon	0	0	0	0	0	0
Shelby	1	1	0	1	0	0
St. Charles	12	3	11	1	2	0
St. Clair	1	0	1	0	0	0
St. Francois	9	5	4	5	0	0
St. Louis City	7	7	2	5	2	0
St. Louis County	18	8	13	5	3	0
Ste. Genevieve	1	1	0	1	0	0
Stoddard	2	3	0	2	1	0
Stone	2	1	2	0	1	0
Sullivan	0	0	0	0	0	0
Taney	6	3	5	1	2	0
Texas	3	1	3	0	1	1
Vernon	2	3	0	2	1	0
Warren	2	2	1	1	1	0
Washington	1	0	1	0	0	0
Wayne	0	0	0	0	0	0
Webster	7	6	5	2	4	0

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

Table 22C. Black Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2023

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	145	112	76	69	43	10
Counties						
Adair	2	0	2	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	7	5	3	4	1	0
Buchanan	0	0	0	0	0	0
Butler	2	1	1	1	0	0
Caldwell	0	0	0	0	0	0
Callaway	0	0	0	0	0	0
Camden	0	0	0	0	0	0
Cape Girardeau	3	4	0	3	1	0
Carroll	0	0	0	0	0	0
Carter	0	0	0	0	0	0
Cass	0	0	0	0	0	0
Cedar	0	0	0	0	0	0
Chariton	0	0	0	0	0	0
Christian	0	0	0	0	0	0
Clark	0	0	0	0	0	0
Clay	4	3	2	2	1	0
Clinton	1	0	1	0	0	0
Cole	2	2	0	2	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
Davies	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	0	1	0	0	1	0
Franklin	0	0	0	0	0	0
Gasconade	0	0	0	0	0	0
Gentry	0	0	0	0	0	0
Greene	4	4	0	4	0	0
Grundy	0	0	0	0	0	0
Harrison	0	0	0	0	0	0
Henry	0	0	0	0	0	0
Hickory	0	0	0	0	0	0
Holt	0	0	0	0	0	0
Howard	0	0	0	0	0	0
Howell	0	0	0	0	0	0
Iron	0	0	0	0	0	0
Jackson	37	24	24	13	11	1
Jasper	0	0	0	0	0	0
Jefferson	2	2	0	2	0	0
Johnson	0	0	0	0	0	0
Knox	0	0	0	0	0	0
Laclede	0	0	0	0	0	0
Lafayette	0	0	0	0	0	0
Lawrence	0	0	0	0	0	0
Lewis	0	0	0	0	0	0
Lincoln	0	0	0	0	0	0
Linn	0	0	0	0	0	0
Livingston	0	0	0	0	0	0
Macon	0	0	0	0	0	0
Madison	0	0	0	0	0	0
Maries	0	0	0	0	0	0
Marion	0	0	0	0	0	0
McDonald	0	0	0	0	0	0
Mercer	0	0	0	0	0	0
Miller	0	0	0	0	0	0
Mississippi	1	0	1	0	0	0
Moniteau	0	0	0	0	0	0
Monroe	0	0	0	0	0	0
Montgomery	0	0	0	0	0	0
Morgan	0	0	0	0	0	0
New Madrid	0	0	0	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, 2023

	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	0	3	0	0	1
Perry	0	0	0	0	0	0
Pettis	0	0	0	0	0	0
Phelps	0	0	0	0	0	0
Pike	0	1	0	0	1	0
Platte	2	2	0	2	0	0
Polk	0	0	0	0	0	0
Pulaski	1	0	1	0	0	0
Putnam	0	0	0	0	0	0
Ralls	0	0	0	0	0	0
Randolph	0	0	0	0	0	0
Ray	0	0	0	0	0	0
Reynolds	0	0	0	0	0	0
Ripley	0	0	0	0	0	0
Saline	0	0	0	0	0	0
Schuyler	0	0	0	0	0	0
Scotland	0	0	0	0	0	0
Scott	2	1	2	0	1	0
Shannon	0	0	0	0	0	0
Shelby	0	0	0	0	0	0
St. Charles	2	3	0	2	1	1
St. Clair	1	1	0	1	0	0
St. Francois	0	0	0	0	0	0
St. Louis City	23	22	9	14	8	1
St. Louis County	46	36	27	19	17	6
Ste. Genevieve	0	0	0	0	0	0
Stoddard	0	0	0	0	0	0
Stone	0	0	0	0	0	0
Sullivan	0	0	0	0	0	0
Taney	0	0	0	0	0	0
Texas	0	0	0	0	0	0
Vernon	0	0	0	0	0	0
Warren	0	0	0	0	0	0
Washington	0	0	0	0	0	0
Wayne	0	0	0	0	0	0
Webster	0	0	0	0	0	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Worth	0	0	0	0	0	0
Wright	0	0	0	0	0	0
Unknown	0	0	0	0	0	0
Cities w/25k Pop.						
Ballwin	0	0	0	0	0	0
Blue Springs	0	0	0	0	0	0
Cape Girardeau	3	4	0	3	1	0
Chesterfield	0	0	0	0	0	0
Columbia	6	5	2	4	1	0
Florissant	3	0	3	0	0	0
Gladstone	0	0	0	0	0	0
Grandview	1	2	1	0	2	0
Hazelwood	2	1	2	0	1	0
Independence	6	2	6	0	2	0
Jefferson City	2	2	0	2	0	0
Kirkwood	0	0	0	0	0	0
Lee's Summit	0	0	0	0	0	0
Liberty	1	1	0	1	0	0
Maryland Heights	0	0	0	0	0	0
O'Fallon	1	1	0	1	0	0
Raytown	1	1	0	1	0	0
St. Charles	0	0	0	0	0	0
St. Joseph	0	0	0	0	0	0
St. Louis City	23	22	9	14	8	1
St. Peters	0	1	0	0	1	0
Springfield	2	2	0	2	0	0
University City	1	2	0	1	1	0
Wentzville	0	0	0	0	0	1
Wildwood	0	0	0	0	0	0
Multi-County Cities						
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	22	19	14	8	1
...Jackson Co.	29	19	17	12	7	1
...Clay Co. Part	3	2	2	1	1	0
...Platte Co. Part	1	1	0	1	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, 2023

	Number					Rates				
	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths
State Total	616	394	378	238	156	9.2	5.9	5.6	3.5	2.3
BRFSS Regions										
Northeast	28	17	17	11	6	10.1	6.2*	6.2*	4.0*	2.2*
Northwest	21	17	13	8	9	7.9	6.4*	4.9*	3.0*	3.4*
Central	68	37	45	23	14	8.8	4.8	5.8	3.0	1.8*
Southeast	79	53	46	33	20	12.7	8.5	7.4	5.3	3.2
Southwest	103	66	63	40	26	9.3	6.0	5.7	3.6	2.4
St. Louis Metro	165	117	96	69	48	7.6	5.4	4.4	3.2	2.2
Kansas City Metro	150	87	96	54	33	10.1	5.9	6.5	3.6	2.2
Urban	387	256	229	158	98	8.8	5.8	5.2	3.6	2.2
Rural	227	138	147	80	58	9.8	6.0	6.4	3.5	2.5
Unknown	2	0	2	0	0	0.0*	0.0*	0.0*	0.0*	0.0*

*-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, Post-Neonatal, and Maternal Deaths by Resident BRFSS Region: Missouri, 2023

	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
State Total	366	207	238	128	79	12	145	112	76	69	43	10
BRFSS Regions												
Northeast	20	13	12	8	5	1	2	1	2	0	1	0
Northwest	18	16	11	7	9	0	0	0	0	0	0	0
Central	53	24	38	15	9	4	10	7	4	6	1	0
Southeast	55	33	34	21	12	2	11	7	7	4	3	1
Southwest	80	52	51	29	23	1	5	5	0	5	0	0
St. Louis Metro	71	34	49	22	12	2	73	63	36	37	26	8
Kansas City Metro	68	35	42	26	9	2	44	29	27	17	12	1
Urban	180	92	119	61	31	6	132	107	65	67	40	9
Rural	185	115	118	67	48	6	13	5	11	2	3	1
Unknown	1	0	1	0	0	0	0	0	0	0	0	0

Table 23. Resident Infant Deaths and Rates per 1,000 Live Births by Cause of Death by Race and by Age at Death: Missouri, 2023

	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>	207	4.3	128	79	22	48	35	23	32	26	21
White	112	13.2	69	43	10	21	16	22	18	16	9
Black	394	5.9	238	156	38	85	58	55	60	52	44
<u>Infectious Diseases (A00-B99, P35-P39)</u>	9	0.2	8	1	0	1	2	5	1	0	0
White	7	0.8	5	2	0	1	1	3	1	1	0
Black	19	0.3	15	4	0	2	4	9	2	2	0
<u>Nervous System Diseases (G00-G98)</u>	4	0.1	1	3	0	0	0	1	1	1	1
White	2	0.2	1	1	0	0	0	1	0	0	1
Black	8	0.1	3	5	0	0	0	3	2	1	2
<u>Circulatory System Diseases (I00-I99)</u>	3	0.1	0	3	0	0	0	0	0	2	1
White	1	0.1	0	1	0	0	0	0	1	0	0
Black	8	0.1	1	7	0	0	0	1	2	2	3
<u>Respiratory System Diseases (J00-J99)</u>	4	0.1	0	4	0	0	0	0	2	1	1
White	2	0.2	0	2	0	0	0	0	0	1	1
Black	6	0.1	0	6	0	0	0	0	2	2	2
<u>Perinatal Conditions (P00-P34, P40-P96)</u>	84	1.7	77	7	16	27	21	13	4	1	2
White	52	6.1	51	1	9	17	13	12	1	0	0
Black	162	2.4	153	9	29	58	38	26	5	2	2
<u>Congenital Anomalies (Q00-Q99)</u>	51	1.1	40	11	6	20	11	3	3	5	3
White	13	1.5	7	6	1	3	0	3	1	2	3
Black	81	1.2	58	23	9	25	13	11	7	8	8
<u>Sudden Infant Death Syndrome (R95)</u>	4	0.1	0	4	0	0	0	0	3	1	0
White	3	0.4	0	3	0	0	0	0	2	0	1
Black	10	0.1	1	9	0	0	0	1	5	2	2
<u>Unintentional Injuries (V01-X59)</u>	26	0.5	1	25	0	0	0	1	8	9	8
White	16	1.9	1	15	0	0	0	1	6	6	3
Black	50	0.7	2	48	0	0	0	2	16	18	14
<u>Homicide (X85-Y09)</u>	1	0.0	0	1	0	0	0	0	0	0	1
Black	4	0.5	0	4	0	0	0	0	1	3	0
<u>All Other Causes</u>	7	0.1	0	7	0	0	0	0	1	3	3
White	21	0.4	1	20	0	0	1	0	10	6	4
Black	12	1.4	4	8	0	0	2	2	5	3	0
Total	43	0.6	5	38	0	0	3	2	18	12	8

Table 24. Resident Infant Deaths and Rates per 1,000 Live Births by Age of Mother by Birth Order: Missouri, 2023

	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	385	104	155	77	49	5.7	5.1	5.2	6.7	9.1
Under 18	15	11	4	0	0	17.7*	14.4*	48.2*	0.0*	0
18-19	25	15	9	1	0	10.6	8.5*	15.8*	33.3*	0.0*
20-24	87	24	41	20	2	6.4	3.9	6.6	18.3	10.4*
25-29	110	25	50	20	15	5.4	4.0	5.2	5.8	13.8*
30-34	77	17	28	21	11	4.0	4.4*	3.0	5.2	5.8*
35-39	52	9	20	12	11	5.9	7.7*	5.3	5.2*	6.9*
40 and Over	18	3	3	2	10	9.6*	16.7*	5.2*	3.9*	16.8*

Table 25. Resident Infant Deaths and Rates per 1,000 Live Births by Birth Weight by Race of Mother: Missouri, 2023

Birth Weight (Grams)	Mother's Race			Rates		
	All Races	White	Black	All Races	White	Black
All Weights	385	212	105	5.7	4.4	12.4
Under 500	69	25	29	734.0	625.0	906.3
500-999	65	37	18	216.7	241.8	180.0*
1,000-1,499	33	18	12	64.2	56.3*	96.0*
1,500-1,999	34	18	10	28.9	25.1*	33.3*
2,000-2,499	40	22	8	10.3	9.0	9.1*
2,500-2,999	63	37	15	4.9	4.5	6.1*
3,000-3,499	51	34	10	2.0	1.8	3.3*
3,500-3,999	22	15	2	1.3	1.1*	1.5*
4,000 or More	3	2	1	0.6*	0.5*	3.9*

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, 2023**

	Total Crude Rate	Total Age-Adjusted Rate	All Races	White, Non-Hisp.	Black, Non-Hisp.	Hispanic, Any Race	Other Races
All causes	1,072.8	848.8	66,470	57,044	7,522	849	982
COVID-19	17.8	13.7	1,106	1,007	75	13	11
Septicemia	15.9	12.2	985	832	124	12	17
HIV / AIDS	0.9	0.8	58	36	21	1	0
Malignant neoplasms	211.9	159.1	13,127	11,501	1,295	130	191
...Colon, rectum, and anus	18.8	14.5	1,165	1,002	132	16	15
...Pancreas	16.2	11.9	1,002	885	92	9	16
...Trachea, bronchus, and lung	54.9	39.9	3,399	3,021	326	12	35
...Breast	14.2	11.0	879	738	118	8	15
...Cervix uteri, corpus uteri, and ovary	9.1	7.0	566	474	72	9	11
...Prostate	11.4	8.5	704	589	95	9	9
...Urinary tract	12.0	9.1	744	665	60	11	8
...Non-Hodgkin's lymphoma	6.5	5.0	402	368	24	4	5
...Leukemia	7.6	6.0	468	421	32	8	7
...Other malignant neoplasms	61.3	46.3	3,798	3,338	344	44	70
Diabetes mellitus	30.0	23.3	1,860	1,503	284	36	33
Alzheimer's disease	40.6	31.8	2,517	2,309	166	17	24
Parkinson's disease	13.5	10.3	838	771	46	10	11
Diseases of heart	244.1	188.4	15,124	13,159	1,636	143	165
Essential hypertension	7.6	5.8	474	394	67	5	6
Cerebrovascular diseases	51.0	39.4	3,157	2,645	416	44	49
Influenza and pneumonia	15.8	12.3	981	881	80	6	13
Chronic lower respiratory disease	59.9	44.3	3,709	3,447	201	26	30
Pneumonitis due to solids and liquids	7.6	5.9	468	409	44	5	7
Chronic liver disease and cirrhosis	14.8	12.1	920	800	67	32	17
Nephritis and nephrosis	27.6	21.2	1,710	1,410	257	16	26
Conditions orig. in perinatal period	2.9	3.6	177	92	57	12	15
Congenital anomalies	3.1	3.3	189	141	27	8	12
Symptoms and ill-defined conditions	7.4	6.5	458	368	66	4	18
All other diseases	195.6	153.5	12,119	10,513	1,260	158	179
Unintentional injuries	73.7	69.9	4,566	3,545	803	113	101
...Motor vehicle crashes	16.6	16.0	1,027	811	149	38	29
...Falls	13.7	10.7	848	786	44	6	12
...Accidental poisoning	30.4	31.6	1,881	1,266	518	50	43
...Other unintentional injuries	13.1	11.5	810	682	92	19	17
Suicide	18.3	17.8	1,131	984	93	24	30
Homicide	9.8	10.4	608	162	396	30	20
All other external causes	3.0	2.9	188	135	41	4	7

Table 26B. Resident Deaths by Selected Causes of Death by BRFS Region and Urban/Rural Area: Missouri, 2023

	BRFS Region								
	Central	Kansas City	Northeast	Northwest	St. Louis	Southeast	Southwest	Urban	Rural
All causes	7,458	12,471	3,083	2,555	21,937	7,694	11,271	40,679	25,790
COVID-19	133	187	52	33	364	142	195	657	449
Septicemia	123	167	53	42	346	101	153	612	373
HIV / AIDS	1	17	1	2	19	5	13	46	12
Malignant neoplasms	1,521	2,410	604	519	4,361	1,511	2,201	7,863	5,264
...Colon, rectum, and anus	163	233	49	58	340	134	188	674	491
...Pancreas	102	191	48	35	361	103	162	624	378
...Trachea, bronchus, and lung	390	593	163	134	1,111	443	565	1,907	1,492
...Breast	89	171	37	35	296	98	153	556	323
...Cervix uteri, corpus uteri, and ovary	62	102	23	21	220	53	85	381	185
...Prostate	80	145	36	26	219	81	117	423	281
...Urinary tract	84	124	40	39	231	97	129	427	317
...Non-Hodgkin's lymphoma	55	89	18	20	107	45	68	243	159
...Leukemia	55	91	23	16	164	45	74	295	173
...Other malignant neoplasms	441	671	167	135	1,312	412	660	2,333	1,465
Diabetes mellitus	294	351	114	65	544	213	279	1,029	831
Alzheimer's disease	214	312	91	88	1,036	331	445	1,602	915
Parkinson's disease	82	174	33	44	320	56	129	588	250
Diseases of heart	1,673	2,599	701	626	4,784	1,860	2,881	9,054	6,070
Essential hypertension	78	93	30	15	155	47	56	274	200
Cerebrovascular diseases	338	581	141	128	1,122	353	494	1,968	1,189
Influenza and pneumonia	123	170	65	23	294	150	156	557	424
Chronic lower respiratory disease	480	662	225	165	836	660	681	1,822	1,887
Pneumonitis due to solids and liquids	65	95	19	20	170	41	58	301	167
Chronic liver disease and cirrhosis	114	162	33	34	301	102	174	585	335
Nephritis and nephrosis	175	314	84	65	616	217	239	1,076	634
Conditions orig. in perinatal period	18	43	7	9	53	21	26	125	52
Congenital anomalies	20	31	7	6	70	17	38	117	72
Symptoms and ill-defined conditions	47	94	26	14	131	68	78	275	183
All other diseases	1,310	2,627	591	454	3,948	1,205	1,983	7,765	4,353
Unintentional injuries	466	907	160	140	1,752	415	726	3,013	1,553
...Motor vehicle crashes	112	212	44	38	289	127	205	577	450
...Falls	56	175	30	25	376	54	132	605	243
...Accidental poisoning	190	401	36	50	844	114	246	1,391	490
...Other unintentional injuries	108	119	50	27	243	120	143	440	370
Suicide	128	238	34	49	363	107	212	711	420
Homicide	34	202	6	9	295	32	30	523	85
All other external causes	21	35	6	5	57	40	24	116	72

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Adair	Andrew	Atchison	Audrain	Barry	Barton	Bates
All causes	214	167	84	319	461	146	212
COVID-19	1	3	2	4	6	1	3
Septicemia	5	2	2	5	10	2	4
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	44	37	22	56	97	24	26
...Colon, rectum, and anus	6	3	2	10	3	4	4
...Pancreas	1	4	1	3	5	0	2
...Trachea, bronchus, and lung	9	13	4	16	30	7	12
...Breast	2	3	3	4	4	2	2
...Cervix uteri, corpus uteri, and ovary	0	0	0	0	3	0	0
...Prostate	1	1	0	4	5	0	1
...Urinary tract	1	2	1	2	6	1	0
...Non-Hodgkin's lymphoma	2	0	0	3	4	0	0
...Leukemia	5	2	2	0	7	0	0
...Other malignant neoplasms	17	9	9	14	30	10	5
Diabetes mellitus	11	1	16	17	19	2	3
Alzheimer's disease	1	8	2	13	15	6	4
Parkinson's disease	1	4	0	4	2	0	4
Diseases of heart	49	39	13	74	127	41	57
Essential hypertension	3	2	1	3	4	2	3
Cerebrovascular diseases	4	7	10	7	11	6	9
Influenza and pneumonia	11	0	1	5	8	4	2
Chronic lower respiratory disease	18	13	2	16	33	8	25
Pneumonitis due to solids and liquids	2	2	1	1	2	0	1
Chronic liver disease and cirrhosis	4	1	0	4	5	3	3
Nephritis and nephrosis	8	6	0	11	7	3	12
Conditions orig. in perinatal period	0	1	0	1	1	1	1
Congenital anomalies	2	0	1	0	3	1	1
Symptoms and ill-defined conditions	1	1	1	4	4	3	1
All other diseases	38	26	10	67	68	27	38
Unintentional injuries	6	6	0	22	30	10	11
...Motor vehicle crashes	1	4	0	4	12	2	6
...Falls	0	0	0	3	7	2	1
...Accidental poisoning	2	2	0	7	6	4	2
...Other unintentional injuries	3	0	0	8	5	2	2
Suicide	4	7	0	5	8	2	4
Homicide	1	1	0	0	1	0	0
All other external causes	0	0	0	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Benton	Bollinger	Boone	Buchanan	Butler	Caldwell	Callaway
All causes	387	171	1,276	1,061	594	123	419
COVID-19	7	6	19	14	8	4	4
Septicemia	7	3	23	16	14	1	7
HIV / AIDS	0	1	0	1	0	0	1
Malignant neoplasms	79	38	254	222	108	32	90
...Colon, rectum, and anus	3	4	20	26	8	0	12
...Pancreas	6	3	25	13	8	1	4
...Trachea, bronchus, and lung	29	7	65	54	29	10	15
...Breast	7	5	14	19	11	2	9
...Cervix uteri, corpus uteri, and ovary	3	0	18	9	5	1	3
...Prostate	6	1	15	10	6	1	6
...Urinary tract	3	1	10	17	7	3	5
...Non-Hodgkin's lymphoma	2	0	7	7	7	3	1
...Leukemia	1	1	11	3	3	2	3
...Other malignant neoplasms	19	16	69	64	24	9	32
Diabetes mellitus	8	11	38	9	30	4	22
Alzheimer's disease	9	5	46	33	36	4	10
Parkinson's disease	4	0	18	12	4	1	3
Diseases of heart	90	39	256	266	140	22	88
Essential hypertension	0	0	8	3	1	1	2
Cerebrovascular diseases	22	6	68	52	28	3	22
Influenza and pneumonia	0	4	16	13	9	3	8
Chronic lower respiratory disease	33	15	71	79	61	13	27
Pneumonitis due to solids and liquids	0	0	7	7	4	0	6
Chronic liver disease and cirrhosis	4	1	22	18	8	0	6
Nephritis and nephrosis	11	7	28	29	18	5	13
Conditions orig. in perinatal period	0	0	6	5	1	0	0
Congenital anomalies	2	0	2	1	2	0	2
Symptoms and ill-defined conditions	3	0	8	5	8	2	3
All other diseases	80	17	263	182	77	18	73
Unintentional injuries	20	9	88	64	27	6	22
...Motor vehicle crashes	4	4	20	15	9	2	5
...Falls	5	0	9	6	3	1	3
...Accidental poisoning	6	1	46	30	7	1	8
...Other unintentional injuries	5	4	13	13	8	2	6
Suicide	5	7	23	22	8	4	9
Homicide	2	1	9	4	2	0	1
All other external causes	1	1	3	4	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Camden	Cape Girardeau	Carroll	Carter	Cass	Cedar	Chariton
All causes	568	851	1113	69	1,088	218	102
COVID-19	13	16	2	3	12	4	2
Septicemia	9	5	3	0	10	3	1
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	128	141	19	15	216	44	22
...Colon, rectum, and anus	14	11	2	2	20	2	1
...Pancreas	7	12	1	0	20	4	0
...Trachea, bronchus, and lung	36	30	7	5	46	15	10
...Breast	7	10	0	1	16	4	2
...Cervix uteri, corpus uteri, and ovary	5	6	1	0	13	1	2
...Prostate	8	11	1	1	10	3	0
...Urinary tract	7	11	2	2	18	2	0
...Non-Hodgkin's lymphoma	6	5	2	0	8	1	2
...Leukemia	5	7	0	1	11	1	2
...Other malignant neoplasms	33	38	3	3	54	11	3
Diabetes mellitus	9	25	5	2	23	6	1
Alzheimer's disease	11	49	2	3	26	5	3
Parkinson's disease	5	9	1	1	12	3	1
Diseases of heart	120	207	31	13	254	45	25
Essential hypertension	1	3	0	0	14	1	0
Cerebrovascular diseases	33	31	4	4	50	13	3
Influenza and pneumonia	11	26	0	1	10	2	0
Chronic lower respiratory disease	23	65	6	11	60	14	11
Pneumonitis due to solids and liquids	1	6	0	0	6	1	0
Chronic liver disease and cirrhosis	17	17	1	1	16	3	1
Nephritis and nephrosis	13	34	1	1	34	7	5
Conditions orig. in perinatal period	1	6	0	0	3	0	0
Congenital anomalies	0	2	2	0	1	0	1
Symptoms and ill-defined conditions	7	12	1	0	4	0	1
All other diseases	107	135	21	11	252	47	16
Unintentional injuries	37	35	13	2	61	13	5
...Motor vehicle crashes	8	10	6	0	13	4	1
...Falls	4	8	3	1	13	1	2
...Accidental poisoning	12	4	1	0	24	5	0
...Other unintentional injuries	13	13	3	1	11	3	2
Suicide	14	14	1	0	18	6	2
Homicide	3	4	0	0	5	0	0
All other external causes	5	9	0	1	1	1	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Christian	Clark	Clay	Clinton	Cole	Cooper	Crawford
All causes	838	99	2,132	286	748	167	310
COVID-19	7	0	39	3	15	0	3
Septicemia	6	2	29	0	20	0	4
HIV / AIDS	0	0	2	0	0	0	0
Malignant neoplasms	181	17	445	56	132	30	65
...Colon, rectum, and anus	22	2	51	4	14	5	5
...Pancreas	17	1	29	4	10	1	3
...Trachea, bronchus, and lung	42	2	113	16	31	7	28
...Breast	12	1	41	3	6	2	2
...Cervix uteri, corpus uteri, and ovary	6	1	15	1	5	2	1
...Prostate	7	1	32	4	6	0	3
...Urinary tract	6	2	18	4	10	1	6
...Non-Hodgkin's lymphoma	10	0	22	2	4	2	1
...Leukemia	4	0	16	1	6	2	4
...Other malignant neoplasms	55	7	108	17	40	8	12
Diabetes mellitus	33	1	62	9	27	10	3
Alzheimer's disease	26	5	75	21	15	7	15
Parkinson's disease	15	0	37	4	9	1	4
Diseases of heart	193	33	435	56	211	47	72
Essential hypertension	2	3	14	2	7	4	1
Cerebrovascular diseases	43	6	96	20	30	11	14
Influenza and pneumonia	7	4	31	5	11	2	11
Chronic lower respiratory disease	41	7	119	18	35	7	27
Pneumonitis due to solids and liquids	5	0	16	1	10	1	1
Chronic liver disease and cirrhosis	16	1	28	2	11	1	3
Nephritis and nephrosis	14	4	46	5	18	2	10
Conditions orig. in perinatal period	5	0	3	0	2	1	0
Congenital anomalies	3	0	5	0	5	0	0
Symptoms and ill-defined conditions	4	1	16	0	2	1	7
All other diseases	173	8	427	66	138	30	35
Unintentional injuries	39	5	143	13	33	11	30
...Motor vehicle crashes	7	2	36	4	8	5	5
...Falls	8	2	34	1	2	1	3
...Accidental poisoning	15	0	54	5	11	0	14
...Other unintentional injuries	9	1	19	3	12	5	8
Suicide	19	1	46	4	10	1	5
Homicide	2	0	8	1	6	0	0
All other external causes	4	1	10	0	1	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Dade	Dallas	Davies	Dekalb	Dent	Douglas	Dunklin
All causes	128	232	103	139	255	209	503
COVID-19	6	4	2	2	7	3	10
Septicemia	2	7	2	3	2	1	7
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	23	49	25	30	60	47	91
...Colon, rectum, and anus	2	5	1	3	4	2	12
...Pancreas	0	3	1	1	4	2	4
...Trachea, bronchus, and lung	8	16	6	14	18	13	32
...Breast	3	2	0	0	4	4	4
...Cervix uteri, corpus uteri, and ovary	0	1	2	3	1	2	2
...Prostate	1	2	2	1	2	2	5
...Urinary tract	0	3	3	1	3	4	4
...Non-Hodgkin's lymphoma	0	0	1	2	2	1	2
...Leukemia	2	3	2	1	4	1	3
...Other malignant neoplasms	7	14	7	4	18	16	23
Diabetes mellitus	3	5	2	3	12	2	11
Alzheimer's disease	6	11	6	3	3	6	20
Parkinson's disease	0	0	2	5	1	3	3
Diseases of heart	36	48	27	29	53	68	149
Essential hypertension	1	4	1	2	7	0	0
Cerebrovascular diseases	4	7	6	4	11	10	19
Influenza and pneumonia	1	5	1	2	4	5	8
Chronic lower respiratory disease	10	14	0	10	20	25	38
Pneumonitis due to solids and liquids	0	3	0	0	1	1	2
Chronic liver disease and cirrhosis	1	3	1	5	2	2	11
Nephritis and nephrosis	3	2	0	4	5	2	13
Conditions orig. in perinatal period	0	1	1	0	0	1	0
Congenital anomalies	0	0	0	0	0	0	1
Symptoms and ill-defined conditions	0	0	0	0	1	0	7
All other diseases	19	53	19	30	50	25	78
Unintentional injuries	12	15	7	4	13	3	28
...Motor vehicle crashes	2	7	0	1	3	2	10
...Falls	3	3	2	1	2	0	5
...Accidental poisoning	3	2	3	1	6	1	6
...Other unintentional injuries	4	3	2	1	2	0	7
Suicide	1	0	1	3	0	3	1
Homicide	0	0	0	0	2	0	2
All other external causes	0	1	0	0	1	1	4

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Franklin	Gasconade	Gentry	Greene	Grundy	Harrison	Henry
All causes	1,149	219	73	3,200	137	104	298
COVID-19	22	6	2	64	4	0	1
Septicemia	17	2	0	40	1	2	7
HIV / AIDS	1	0	0	8	0	0	0
Malignant neoplasms	233	39	20	552	25	21	64
...Colon, rectum, and anus	15	5	0	38	1	3	5
...Pancreas	30	1	1	35	2	2	3
...Trachea, bronchus, and lung	65	9	0	133	6	7	26
...Breast	9	5	1	43	4	0	4
...Cervix uteri, corpus uteri, and ovary	7	0	1	24	1	0	0
...Prostate	10	4	3	30	1	1	3
...Urinary tract	14	5	4	38	0	1	0
...Non-Hodgkin's lymphoma	5	0	2	18	4	1	1
...Leukemia	7	0	2	20	1	1	3
...Other malignant neoplasms	71	10	6	173	5	5	19
Diabetes mellitus	37	9	0	66	1	2	4
Alzheimer's disease	50	15	5	150	4	1	8
Parkinson's disease	11	8	1	54	3	1	2
Diseases of heart	254	49	14	844	34	23	103
Essential hypertension	11	4	0	16	0	1	3
Cerebrovascular diseases	58	11	5	124	4	3	14
Influenza and pneumonia	18	1	1	41	3	2	3
Chronic lower respiratory disease	70	9	6	139	13	7	16
Pneumonitis due to solids and liquids	9	4	0	20	3	0	3
Chronic liver disease and cirrhosis	11	3	0	60	2	1	4
Nephritis and nephrosis	20	4	2	52	4	4	4
Conditions orig. in perinatal period	2	2	0	10	0	0	1
Congenital anomalies	4	1	1	11	1	1	1
Symptoms and ill-defined conditions	6	2	1	25	0	0	1
All other diseases	181	33	10	574	27	24	37
Unintentional injuries	97	12	4	273	8	8	14
...Motor vehicle crashes	20	7	1	58	2	2	7
...Falls	36	2	0	68	1	2	1
...Accidental poisoning	30	2	1	111	2	2	1
...Other unintentional injuries	11	1	2	36	3	2	5
Suicide	29	4	1	55	0	3	6
Homicide	6	1	0	14	0	0	1
All other external causes	2	0	0	8	0	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Hickory	Holt	Howard	Howell	Iron	Jackson	Jasper
All causes	158	66	111	550	185	7,001	1,416
COVID-19	2	0	2	12	4	108	23
Septicemia	1	3	1	4	0	106	21
HIV / AIDS	1	0	0	0	0	15	2
Malignant neoplasms	34	11	27	113	32	1,291	270
...Colon, rectum, and anus	4	2	3	9	2	120	27
...Pancreas	6	1	0	13	2	100	24
...Trachea, bronchus, and lung	7	4	8	30	9	311	61
...Breast	0	0	0	7	1	89	21
...Cervix uteri, corpus uteri, and ovary	1	1	0	4	2	60	8
...Prostate	0	1	3	6	3	79	13
...Urinary tract	1	0	1	7	1	61	21
...Non-Hodgkin's lymphoma	1	0	1	6	1	37	8
...Leukemia	1	0	3	2	2	49	10
...Other malignant neoplasms	13	2	8	29	9	385	77
Diabetes mellitus	11	4	2	19	5	207	36
Alzheimer's disease	8	4	2	7	14	131	70
Parkinson's disease	3	1	1	6	1	81	15
Diseases of heart	28	13	23	116	49	1,414	366
Essential hypertension	0	1	3	7	1	53	9
Cerebrovascular diseases	9	5	3	25	11	327	63
Influenza and pneumonia	0	1	1	5	3	98	28
Chronic lower respiratory disease	7	4	3	45	18	332	103
Pneumonitis due to solids and liquids	2	0	4	5	2	59	3
Chronic liver disease and cirrhosis	2	1	4	9	0	89	16
Nephritis and nephrosis	3	1	2	15	1	177	36
Conditions orig. in perinatal period	0	0	1	2	0	32	0
Congenital anomalies	1	0	2	3	0	21	3
Symptoms and ill-defined conditions	3	1	1	6	0	64	11
All other diseases	33	14	21	107	27	1,491	248
Unintentional injuries	7	2	5	29	12	568	63
...Motor vehicle crashes	4	0	2	11	2	129	21
...Falls	0	1	1	3	1	96	6
...Accidental poisoning	0	1	1	11	5	282	17
...Other unintentional injuries	3	0	1	4	4	61	19
Suicide	3	0	3	11	4	134	28
Homicide	0	0	0	2	1	180	2
All other external causes	0	0	0	2	0	23	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Jefferson	Johnson	Knox	Laclede	Lafayette	Lawrence	Lewis
All causes	2,329	411	62	504	433	471	127
COVID-19	50	5	0	8	7	9	2
Septicemia	42	8	1	8	4	4	7
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	472	72	13	114	96	108	24
...Colon, rectum, and anus	31	7	1	13	10	5	0
...Pancreas	49	6	0	2	7	9	0
...Trachea, bronchus, and lung	139	15	8	35	28	35	9
...Breast	28	7	0	3	8	13	1
...Cervix uteri, corpus uteri, and ovary	19	3	0	4	3	4	1
...Prostate	13	2	1	6	6	5	1
...Urinary tract	25	4	0	6	7	6	0
...Non-Hodgkin's lymphoma	13	5	0	3	4	1	1
...Leukemia	11	3	0	1	0	2	0
...Other malignant neoplasms	144	20	3	41	23	28	11
Diabetes mellitus	73	13	3	14	9	13	3
Alzheimer's disease	108	10	2	9	10	26	4
Parkinson's disease	26	13	1	5	8	8	1
Diseases of heart	503	108	21	124	109	99	29
Essential hypertension	19	1	0	2	0	2	2
Cerebrovascular diseases	102	20	2	29	16	16	8
Influenza and pneumonia	36	1	2	8	5	12	2
Chronic lower respiratory disease	115	25	5	34	34	29	4
Pneumonitis due to solids and liquids	14	7	0	1	5	1	0
Chronic liver disease and cirrhosis	37	5	0	8	8	5	1
Nephritis and nephrosis	91	15	0	12	11	14	4
Conditions orig. in perinatal period	5	2	0	1	1	0	0
Congenital anomalies	9	0	0	2	2	2	1
Symptoms and ill-defined conditions	14	3	1	3	1	2	1
All other diseases	374	70	9	81	81	74	31
Unintentional injuries	190	20	1	31	20	35	2
...Motor vehicle crashes	36	7	1	7	8	18	0
...Falls	59	5	0	1	4	4	1
...Accidental poisoning	68	6	0	16	6	9	0
...Other unintentional injuries	27	2	0	7	2	4	1
Suicide	38	8	1	8	6	11	1
Homicide	4	4	0	2	0	0	0
All other external causes	7	1	0	0	0	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Lincoln	Linn	Livingston	Macon	Madison	Maries	Marion
All causes	619	190	176	221	172	121	375
COVID-19	11	6	1	4	2	2	6
Septicemia	6	2	3	4	1	3	8
HIV / AIDS	1	0	0	0	0	0	0
Malignant neoplasms	126	40	40	46	36	23	69
...Colon, rectum, and anus	10	1	4	4	1	0	4
...Pancreas	13	3	2	3	5	0	6
...Trachea, bronchus, and lung	39	10	8	14	14	10	20
...Breast	5	3	5	3	2	0	2
...Cervix uteri, corpus uteri, and ovary	5	0	2	0	0	2	6
...Prostate	6	2	3	4	4	2	9
...Urinary tract	12	4	2	5	0	2	5
...Non-Hodgkin's lymphoma	3	1	0	0	1	1	1
...Leukemia	3	2	1	3	2	0	1
...Other malignant neoplasms	30	14	13	10	7	6	15
Diabetes mellitus	24	6	5	7	1	4	11
Alzheimer's disease	32	6	5	3	5	2	15
Parkinson's disease	8	1	2	5	1	1	2
Diseases of heart	123	43	37	49	44	38	77
Essential hypertension	1	0	3	1	1	1	5
Cerebrovascular diseases	33	9	8	10	9	5	22
Influenza and pneumonia	9	1	1	8	3	2	6
Chronic lower respiratory disease	31	11	8	16	14	8	31
Pneumonitis due to solids and liquids	4	3	2	0	0	2	3
Chronic liver disease and cirrhosis	9	2	3	1	3	0	3
Nephritis and nephrosis	16	4	2	6	9	3	10
Conditions orig. in perinatal period	0	1	0	0	0	0	2
Congenital anomalies	4	0	0	0	1	0	1
Symptoms and ill-defined conditions	3	4	0	3	2	1	3
All other diseases	106	44	43	44	31	12	70
Unintentional injuries	50	4	12	10	5	10	23
...Motor vehicle crashes	16	0	3	3	1	2	5
...Falls	4	1	6	2	1	2	3
...Accidental poisoning	26	0	1	1	1	1	5
...Other unintentional injuries	4	3	2	4	2	5	10
Suicide	11	3	0	4	3	4	6
Homicide	7	0	0	0	0	0	1
All other external causes	4	0	1	0	1	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	McDonald	Mercer	Miller	Mississippi	Moniteau	Monroe	Montgomery
All causes	289	43	306	167	154	104	154
COVID-19	3	1	3	10	1	1	3
Septicemia	4	1	4	2	3	3	5
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	50	6	65	31	25	23	29
...Colon, rectum, and anus	7	0	6	3	4	3	2
...Pancreas	5	1	6	1	2	1	4
...Trachea, bronchus, and lung	14	2	17	12	6	6	10
...Breast	0	0	4	1	2	2	1
...Cervix uteri, corpus uteri, and ovary	2	0	1	1	2	0	1
...Prostate	3	2	3	1	2	1	0
...Urinary tract	3	0	8	4	0	1	2
...Non-Hodgkin's lymphoma	1	1	2	1	2	0	3
...Leukemia	2	0	2	0	1	0	0
...Other malignant neoplasms	13	0	16	7	4	9	6
Diabetes mellitus	8	1	7	2	3	6	5
Alzheimer's disease	10	2	6	8	5	5	12
Parkinson's disease	0	0	6	2	2	0	1
Diseases of heart	71	11	71	48	43	27	30
Essential hypertension	1	0	1	0	1	0	4
Cerebrovascular diseases	15	2	11	8	8	4	12
Influenza and pneumonia	6	1	5	7	2	0	2
Chronic lower respiratory disease	36	4	27	11	11	9	18
Pneumonitis due to solids and liquids	2	0	7	2	0	0	1
Chronic liver disease and cirrhosis	5	1	2	2	2	2	1
Nephritis and nephrosis	11	1	10	4	3	2	2
Conditions orig. in perinatal period	1	0	2	1	0	0	0
Congenital anomalies	1	0	0	1	0	0	1
Symptoms and ill-defined conditions	3	0	1	2	0	1	3
All other diseases	40	11	51	17	31	15	18
Unintentional injuries	14	1	18	7	10	5	4
...Motor vehicle crashes	6	1	4	0	5	3	2
...Falls	2	0	4	2	2	1	2
...Accidental poisoning	3	0	7	2	1	1	0
...Other unintentional injuries	3	0	3	3	2	0	0
Suicide	7	0	9	0	3	0	3
Homicide	1	0	0	1	0	1	0
All other external causes	0	0	0	1	1	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Morgan	New Madrid	Newton	Nodaway	Oregon	Osage	Ozark
All causes	302	246	689	213	187	137	140
COVID-19	11	6	10	1	6	2	1
Septicemia	0	4	8	1	3	2	1
HIV / AIDS	0	0	1	1	1	0	0
Malignant neoplasms	69	54	141	36	31	32	39
...Colon, rectum, and anus	5	7	7	9	2	6	2
...Pancreas	5	1	8	4	5	5	3
...Trachea, bronchus, and lung	18	14	35	9	8	5	8
...Breast	9	5	10	1	1	0	3
...Cervix uteri, corpus uteri, and ovary	2	1	6	1	0	1	1
...Prostate	3	2	5	4	1	2	4
...Urinary tract	2	4	15	3	2	1	1
...Non-Hodgkin's lymphoma	2	1	7	0	0	2	1
...Leukemia	1	2	3	0	1	1	1
...Other malignant neoplasms	22	17	45	5	11	9	15
Diabetes mellitus	3	7	14	9	1	7	1
Alzheimer's disease	8	16	29	14	5	5	2
Parkinson's disease	2	2	7	4	0	3	1
Diseases of heart	73	44	178	60	63	18	34
Essential hypertension	2	2	2	1	0	1	2
Cerebrovascular diseases	15	15	40	10	6	5	5
Influenza and pneumonia	8	7	11	1	4	3	5
Chronic lower respiratory disease	24	24	51	12	12	7	18
Pneumonitis due to solids and liquids	5	1	2	3	0	8	1
Chronic liver disease and cirrhosis	4	3	6	1	3	1	1
Nephritis and nephrosis	7	9	22	2	8	3	5
Conditions orig. in perinatal period	0	0	1	0	1	0	0
Congenital anomalies	1	1	2	0	0	0	0
Symptoms and ill-defined conditions	0	0	7	1	0	1	0
All other diseases	47	32	108	41	33	29	15
Unintentional injuries	13	16	36	12	8	6	7
...Motor vehicle crashes	5	7	10	2	4	2	4
...Falls	2	0	6	5	0	0	0
...Accidental poisoning	3	3	12	3	2	2	1
...Other unintentional injuries	3	6	8	2	2	2	2
Suicide	8	2	12	3	2	4	1
Homicide	2	0	0	0	0	0	0
All other external causes	0	1	1	0	0	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Pemiscot	Perry	Pettis	Phelps	Pike	Platte	Polk
All causes	219	216	476	536	219	910	356
COVID-19	4	3	10	9	2	7	8
Septicemia	1	4	8	8	5	10	7
HIV / AIDS	0	1	0	0	1	0	0
Malignant neoplasms	42	48	92	107	44	183	73
...Colon, rectum, and anus	9	4	8	16	5	18	7
...Pancreas	2	3	7	4	8	21	3
...Trachea, bronchus, and lung	18	13	28	13	6	35	17
...Breast	2	3	5	6	3	5	9
...Cervix uteri, corpus uteri, and ovary	0	1	3	5	2	7	3
...Prostate	0	2	3	7	4	11	5
...Urinary tract	2	3	5	8	2	8	7
...Non-Hodgkin's lymphoma	0	0	4	6	1	13	1
...Leukemia	1	1	3	11	0	9	0
...Other malignant neoplasms	8	18	26	31	13	56	21
Diabetes mellitus	18	4	22	40	9	25	12
Alzheimer's disease	10	11	22	13	11	30	15
Parkinson's disease	0	0	4	3	1	25	5
Diseases of heart	54	42	106	126	43	186	71
Essential hypertension	2	0	4	10	2	5	1
Cerebrovascular diseases	6	18	18	15	13	40	20
Influenza and pneumonia	7	5	8	8	1	15	4
Chronic lower respiratory disease	18	23	28	45	14	38	30
Pneumonitis due to solids and liquids	1	1	4	0	0	7	0
Chronic liver disease and cirrhosis	0	1	5	3	4	14	2
Nephritis and nephrosis	3	7	15	12	7	19	7
Conditions orig. in perinatal period	0	0	0	1	0	2	1
Congenital anomalies	0	0	2	1	0	0	2
Symptoms and ill-defined conditions	1	5	4	3	4	4	3
All other diseases	34	27	87	71	40	206	58
Unintentional injuries	12	12	29	49	14	67	25
...Motor vehicle crashes	2	5	5	8	7	10	6
...Falls	2	0	9	1	3	21	2
...Accidental poisoning	1	2	5	28	2	25	6
...Other unintentional injuries	7	5	10	12	2	11	11
Suicide	3	3	4	7	3	19	9
Homicide	1	0	2	3	1	7	2
All other external causes	2	1	2	2	0	1	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds	Ripley
All causes	371	59	125	304	286	84	210
COVID-19	7	1	0	8	4	1	4
Septicemia	7	0	2	3	3	4	2
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	81	10	30	52	65	20	45
...Colon, rectum, and anus	8	0	1	4	6	3	3
...Pancreas	9	1	4	6	7	0	2
...Trachea, bronchus, and lung	21	3	9	15	22	3	10
...Breast	4	1	1	6	5	2	4
...Cervix uteri, corpus uteri, and ovary	3	0	1	2	2	1	3
...Prostate	0	0	2	0	1	1	3
...Urinary tract	2	2	2	3	5	2	1
...Non-Hodgkin's lymphoma	4	0	2	1	0	1	1
...Leukemia	0	0	2	3	3	1	1
...Other malignant neoplasms	30	3	6	12	14	6	17
Diabetes mellitus	30	5	3	22	9	1	2
Alzheimer's disease	3	1	5	4	11	3	5
Parkinson's disease	2	0	3	1	2	0	0
Diseases of heart	51	11	23	78	66	19	48
Essential hypertension	10	1	4	1	1	0	2
Cerebrovascular diseases	10	2	3	17	20	7	7
Influenza and pneumonia	10	4	3	5	1	2	4
Chronic lower respiratory disease	42	5	7	17	23	8	23
Pneumonitis due to solids and liquids	0	0	1	1	0	0	0
Chronic liver disease and cirrhosis	10	1	0	2	2	2	2
Nephritis and nephrosis	5	0	4	8	5	2	4
Conditions orig. in perinatal period	0	0	1	1	1	0	1
Congenital anomalies	1	0	0	0	1	0	0
Symptoms and ill-defined conditions	1	0	0	3	2	1	3
All other diseases	62	12	27	55	48	10	46
Unintentional injuries	32	4	6	24	18	2	7
...Motor vehicle crashes	5	1	3	4	4	1	4
...Falls	3	0	1	2	4	0	1
...Accidental poisoning	22	1	1	12	2	0	1
...Other unintentional injuries	2	2	1	6	8	1	1
Suicide	3	2	2	2	3	1	4
Homicide	3	0	1	0	1	0	0
All other external causes	1	0	0	0	0	1	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Saline	Schuyler	Scotland	Scott	Shannon	Shelby	St. Charles
All causes	272	48	49	485	112	81	3,453
COVID-19	6	1	1	7	1	3	49
Septicemia	4	1	0	5	1	0	48
HIV / AIDS	0	0	0	0	0	0	2
Malignant neoplasms	62	7	6	73	29	10	731
...Colon, rectum, and anus	7	2	0	7	0	1	51
...Pancreas	6	1	0	3	1	2	53
...Trachea, bronchus, and lung	18	0	4	25	9	3	174
...Breast	0	1	0	4	2	0	42
...Cervix uteri, corpus uteri, and ovary	5	0	0	3	0	0	43
...Prostate	4	0	0	1	2	0	33
...Urinary tract	4	2	0	5	3	1	39
...Non-Hodgkin's lymphoma	1	0	0	3	2	0	17
...Leukemia	2	0	0	2	1	1	34
...Other malignant neoplasms	15	1	2	20	9	2	245
Diabetes mellitus	11	1	2	8	4	0	75
Alzheimer's disease	8	3	1	22	2	2	191
Parkinson's disease	6	1	0	5	1	4	56
Diseases of heart	48	11	17	139	28	13	737
Essential hypertension	1	0	1	1	0	2	21
Cerebrovascular diseases	14	3	1	22	8	4	183
Influenza and pneumonia	4	2	0	9	0	5	56
Chronic lower respiratory disease	18	8	4	27	5	7	114
Pneumonitis due to solids and liquids	1	0	1	3	0	2	40
Chronic liver disease and cirrhosis	4	0	1	7	1	0	52
Nephritis and nephrosis	8	1	0	19	1	3	90
Conditions orig. in perinatal period	2	0	0	2	0	0	3
Congenital anomalies	0	0	0	0	0	1	8
Symptoms and ill-defined conditions	3	0	0	6	0	0	19
All other diseases	53	9	10	83	20	16	643
Unintentional injuries	16	0	4	27	7	7	240
...Motor vehicle crashes	3	0	0	6	3	3	35
...Falls	4	0	1	5	0	0	84
...Accidental poisoning	4	0	1	6	2	2	96
...Other unintentional injuries	5	0	2	10	2	2	25
Suicide	1	0	0	9	2	2	68
Homicide	1	0	0	7	1	0	18
All other external causes	1	0	0	4	1	0	9

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	St. Clair	St. Francois	St. Louis City	St. Louis County	Ste. Genevieve	Stoddard	Stone
All causes	158	914	3,039	10,648	207	442	459
COVID-19	2	18	33	191	5	4	9
Septicemia	2	20	57	171	3	5	5
HIV / AIDS	0	2	6	9	0	0	1
Malignant neoplasms	46	188	529	2,103	40	90	95
...Colon, rectum, and anus	3	15	47	171	2	6	15
...Pancreas	2	13	42	166	3	7	7
...Trachea, bronchus, and lung	10	70	140	498	10	28	19
...Breast	1	10	37	163	3	4	5
...Cervix uteri, corpus uteri, and ovary	1	10	24	118	0	1	4
...Prostate	3	3	28	120	3	7	6
...Urinary tract	2	6	27	103	2	10	5
...Non-Hodgkin's lymphoma	1	4	8	59	0	2	1
...Leukemia	4	5	20	81	0	3	3
...Other malignant neoplasms	19	52	156	624	17	22	30
Diabetes mellitus	3	30	91	225	9	3	5
Alzheimer's disease	7	57	64	559	15	17	16
Parkinson's disease	0	8	24	188	2	4	2
Diseases of heart	41	182	705	2,299	46	92	130
Essential hypertension	0	10	22	76	3	4	3
Cerebrovascular diseases	7	26	127	592	4	31	23
Influenza and pneumonia	2	13	28	130	0	9	6
Chronic lower respiratory disease	9	87	100	360	14	49	24
Pneumonitis due to solids and liquids	3	6	15	84	0	3	3
Chronic liver disease and cirrhosis	3	10	43	140	3	3	14
Nephritis and nephrosis	3	24	66	320	3	17	6
Conditions orig. in perinatal period	0	3	17	25	1	2	0
Congenital anomalies	0	3	12	32	0	1	0
Symptoms and ill-defined conditions	0	4	31	49	1	7	1
All other diseases	19	132	490	2,061	39	73	87
Unintentional injuries	9	70	421	692	18	18	25
...Motor vehicle crashes	4	16	48	121	2	8	10
...Falls	1	5	31	154	2	2	0
...Accidental poisoning	3	35	300	296	8	3	9
...Other unintentional injuries	1	14	42	121	6	5	6
Suicide	1	14	44	161	0	7	3
Homicide	0	2	105	155	1	2	1
All other external causes	1	5	9	26	0	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Sullivan	Taney	Texas	Vernon	Warren	Washington	Wayne
All causes	76	706	345	293	390	315	165
COVID-19	2	19	1	6	5	7	3
Septicemia	0	9	3	2	1	6	4
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	14	159	76	54	102	68	42
...Colon, rectum, and anus	2	19	9	8	10	8	7
...Pancreas	0	20	7	2	5	3	2
...Trachea, bronchus, and lung	1	25	23	16	28	22	11
...Breast	0	5	5	2	10	4	1
...Cervix uteri, corpus uteri, and ovary	0	9	4	3	3	4	2
...Prostate	0	9	4	6	6	4	3
...Urinary tract	4	9	7	1	5	4	3
...Non-Hodgkin's lymphoma	1	5	2	3	1	0	2
...Leukemia	0	4	2	2	4	1	1
...Other malignant neoplasms	6	54	13	11	30	18	10
Diabetes mellitus	5	15	11	8	16	13	2
Alzheimer's disease	1	8	6	10	17	7	5
Parkinson's disease	0	4	1	2	3	3	2
Diseases of heart	22	203	91	69	91	72	32
Essential hypertension	1	4	5	0	4	3	1
Cerebrovascular diseases	2	24	23	13	13	14	13
Influenza and pneumonia	2	7	6	4	6	8	4
Chronic lower respiratory disease	8	42	16	23	19	25	15
Pneumonitis due to solids and liquids	0	4	0	2	3	2	0
Chronic liver disease and cirrhosis	0	15	7	3	6	8	2
Nephritis and nephrosis	3	11	4	15	3	7	3
Conditions orig. in perinatal period	0	1	0	2	1	0	0
Congenital anomalies	0	2	1	1	1	0	0
Symptoms and ill-defined conditions	0	5	2	1	2	1	1
All other diseases	13	101	57	61	58	39	25
Unintentional injuries	3	51	24	12	32	21	9
...Motor vehicle crashes	1	10	6	5	8	5	2
...Falls	0	9	6	1	5	3	2
...Accidental poisoning	1	29	8	1	14	12	1
...Other unintentional injuries	1	3	4	5	5	1	4
Suicide	0	17	4	5	7	6	2
Homicide	0	2	5	0	0	0	0
All other external causes	0	3	2	0	0	5	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2023

	Webster	Worth	Wright	Unknown
All causes	368	21	251	1
COVID-19	4	0	4	0
Septicemia	6	0	4	0
HIV / AIDS	0	0	0	0
Malignant neoplasms	58	4	42	0
...Colon, rectum, and anus	2	0	4	0
...Pancreas	3	0	1	0
...Trachea, bronchus, and lung	20	1	12	0
...Breast	6	1	3	0
...Cervix uteri, corpus uteri, and ovary	6	0	4	0
...Prostate	5	0	5	0
...Urinary tract	0	1	5	0
...Non-Hodgkin's lymphoma	3	0	2	0
...Leukemia	2	0	1	0
...Other malignant neoplasms	11	1	5	0
Diabetes mellitus	8	1	4	0
Alzheimer's disease	10	0	2	0
Parkinson's disease	3	0	0	0
Diseases of heart	98	3	73	0
Essential hypertension	1	2	2	0
Cerebrovascular diseases	20	2	11	0
Influenza and pneumonia	5	0	4	0
Chronic lower respiratory disease	19	1	18	0
Pneumonitis due to solids and liquids	2	0	3	0
Chronic liver disease and cirrhosis	4	0	3	0
Nephritis and nephrosis	8	1	4	0
Conditions orig. in perinatal period	1	0	0	0
Congenital anomalies	3	0	0	0
Symptoms and ill-defined conditions	2	0	0	0
All other diseases	76	7	54	1
Unintentional injuries	23	0	21	0
...Motor vehicle crashes	8	0	8	0
...Falls	3	0	5	0
...Accidental poisoning	4	0	3	0
...Other unintentional injuries	8	0	5	0
Suicide	14	0	2	0
Homicide	2	0	0	0
All other external causes	1	0	0	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2023

	Ballwin	Blue Springs	Cape Girardeau	Chesterfield	Columbia	Florissant	Gladstone
All causes	268	500	472	581	795	587	317
COVID-19	5	8	9	7	11	9	3
Septicemia	3	6	4	10	14	7	7
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	55	83	72	112	154	112	68
...Colon, rectum, and anus	6	9	6	3	7	12	11
...Pancreas	7	8	5	15	13	7	2
...Trachea, bronchus, and lung	12	14	14	23	40	24	24
...Breast	5	6	5	12	9	10	3
...Cervix uteri, corpus uteri, and ovary	2	3	4	6	15	3	2
...Prostate	5	2	8	10	12	6	2
...Urinary tract	3	4	6	3	8	6	2
...Non-Hodgkin's lymphoma	0	2	1	2	4	1	3
...Leukemia	4	2	3	3	8	4	0
...Other malignant neoplasms	11	33	20	35	38	39	19
Diabetes mellitus	6	16	11	6	20	22	8
Alzheimer's disease	25	13	33	46	29	26	9
Parkinson's disease	4	7	6	17	13	6	6
Diseases of heart	53	113	113	122	152	128	72
Essential hypertension	5	3	2	1	5	6	3
Cerebrovascular diseases	14	31	15	39	45	30	15
Influenza and pneumonia	2	6	15	12	11	9	1
Chronic lower respiratory disease	11	29	39	19	49	18	15
Pneumonitis due to solids and liquids	3	7	4	9	1	5	3
Chronic liver disease and cirrhosis	3	1	8	6	15	14	4
Nephritis and nephrosis	8	16	21	10	21	16	5
Conditions orig. in perinatal period	0	3	4	1	4	1	0
Congenital anomalies	0	0	2	0	1	4	0
Symptoms and ill-defined conditions	0	6	9	4	7	0	4
All other diseases	54	116	80	130	161	103	63
Unintentional injuries	10	26	11	18	56	51	23
...Motor vehicle crashes	1	9	4	2	15	11	4
...Falls	2	5	2	9	6	10	10
...Accidental poisoning	6	7	0	2	27	21	8
...Other unintentional injuries	1	5	5	5	8	9	1
Suicide	6	5	8	11	18	5	6
Homicide	0	5	1	1	5	14	1
All other external causes	1	0	5	0	3	1	1

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2023

	Grandview	Hazelwood	Independence	Jefferson City	Joplin	Joplin - Jasper County	Joplin - Newton County
All causes	244	223	1,490	470	617	517	100
COVID-19	5	1	22	11	15	14	1
Septicemia	4	5	23	9	7	5	2
HIV / AIDS	0	1	0	0	2	2	0
Malignant neoplasms	35	52	263	73	116	90	26
...Colon, rectum, and anus	4	4	19	7	11	9	2
...Pancreas	3	5	17	7	10	8	2
...Trachea, bronchus, and lung	5	14	82	12	32	26	6
...Breast	7	7	14	2	8	6	2
...Cervix uteri, corpus uteri, and ovary	3	7	12	4	3	3	0
...Prostate	4	0	16	4	5	4	1
...Urinary tract	3	6	10	3	13	9	4
...Non-Hodgkin's lymphoma	0	2	6	3	2	0	2
...Leukemia	0	0	6	5	3	3	0
...Other malignant neoplasms	6	7	81	26	29	22	7
Diabetes mellitus	8	8	40	22	19	16	3
Alzheimer's disease	1	6	36	7	30	27	3
Parkinson's disease	3	3	24	6	4	4	0
Diseases of heart	43	40	289	142	151	129	22
Essential hypertension	1	3	9	5	4	4	0
Cerebrovascular diseases	12	14	67	19	31	26	5
Influenza and pneumonia	2	2	25	7	9	9	0
Chronic lower respiratory disease	14	10	98	24	49	41	8
Pneumonitis due to solids and liquids	5	0	11	4	2	2	0
Chronic liver disease and cirrhosis	3	6	25	4	4	3	1
Nephritis and nephrosis	8	7	44	11	12	10	2
Conditions orig. in perinatal period	0	0	4	2	0	0	0
Congenital anomalies	1	0	4	3	1	1	0
Symptoms and ill-defined conditions	1	2	14	0	7	4	3
All other diseases	60	37	328	89	103	87	16
Unintentional injuries	19	19	112	19	34	27	7
...Motor vehicle crashes	1	4	23	1	5	4	1
...Falls	4	1	23	2	3	2	1
...Accidental poisoning	13	10	52	8	18	14	4
...Other unintentional injuries	1	4	14	8	8	7	1
Suicide	5	1	34	7	16	15	1
Homicide	12	5	15	5	1	1	0
All other external causes	2	1	3	1	0	0	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2023

	Kansas City	Kansas City - Cass County	Kansas City - Clay County	Kansas City - Jackson County	Kansas City - Platte County	Kirkwood	Lee's Summit
All causes	4,384	1	915	2,982	486	292	810
COVID-19	49	0	10	36	3	5	18
Septicemia	58	0	11	42	5	3	12
HIV / AIDS	14	0	2	12	0	0	3
Malignant neoplasms	834	1	186	557	90	58	168
...Colon, rectum, and anus	84	0	19	56	9	7	16
...Pancreas	66	1	15	37	13	4	18
...Trachea, bronchus, and lung	178	0	46	119	13	11	35
...Breast	57	0	14	41	2	7	7
...Cervix uteri, corpus uteri, and ovary	39	0	6	30	3	5	7
...Prostate	58	0	10	41	7	2	12
...Urinary tract	36	0	9	22	5	4	14
...Non-Hodgkin's lymphoma	37	0	13	18	6	3	5
...Leukemia	31	0	7	21	3	0	14
...Other malignant neoplasms	248	0	47	172	29	15	40
Diabetes mellitus	129	0	27	89	13	3	20
Alzheimer's disease	92	0	28	44	20	23	24
Parkinson's disease	57	0	20	21	16	9	16
Diseases of heart	886	0	178	612	96	73	171
Essential hypertension	40	0	8	30	2	1	7
Cerebrovascular diseases	204	0	39	142	23	17	32
Influenza and pneumonia	68	0	12	46	10	3	4
Chronic lower respiratory disease	172	0	49	108	15	15	33
Pneumonitis due to solids and liquids	29	0	5	20	4	3	9
Chronic liver disease and cirrhosis	59	0	12	42	5	2	6
Nephritis and nephrosis	104	0	19	73	12	3	20
Conditions orig. in perinatal period	17	0	1	15	1	0	3
Congenital anomalies	15	0	3	12	0	1	1
Symptoms and ill-defined conditions	39	0	8	30	1	3	6
All other diseases	888	0	191	572	125	55	194
Unintentional injuries	398	0	73	295	30	6	40
...Motor vehicle crashes	96	0	23	68	5	0	7
...Falls	56	0	15	32	9	3	18
...Accidental poisoning	203	0	22	171	10	1	9
...Other unintentional injuries	43	0	13	24	6	2	6
Suicide	86	0	23	50	13	6	16
Homicide	131	0	6	123	2	1	3
All other external causes	15	0	4	11	0	2	4

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2023

	Liberty	Maryland Heights	O'Fallon	Raytown	Springfield	St. Charles	St. Joseph
All causes	281	252	641	363	1,939	699	888
COVID-19	8	2	8	8	40	8	12
Septicemia	3	4	7	7	20	12	14
HIV / AIDS	0	0	1	0	7	1	1
Malignant neoplasms	48	41	139	66	314	119	186
...Colon, rectum, and anus	5	1	10	8	21	11	19
...Pancreas	4	2	12	5	19	7	10
...Trachea, bronchus, and lung	8	6	30	18	76	21	49
...Breast	11	3	9	7	31	6	15
...Cervix uteri, corpus uteri, and ovary	1	2	9	2	19	6	6
...Prostate	3	1	3	2	17	8	10
...Urinary tract	1	0	9	3	19	8	15
...Non-Hodgkin's lymphoma	0	5	2	1	7	4	6
...Leukemia	1	3	11	3	10	8	3
...Other malignant neoplasms	14	18	44	17	95	40	53
Diabetes mellitus	6	6	14	14	42	15	8
Alzheimer's disease	17	10	34	5	96	41	28
Parkinson's disease	3	1	12	2	25	15	10
Diseases of heart	53	59	160	78	525	162	223
Essential hypertension	1	2	3	2	5	6	3
Cerebrovascular diseases	19	15	26	19	74	42	42
Influenza and pneumonia	8	2	10	7	26	8	10
Chronic lower respiratory disease	17	6	18	16	88	20	68
Pneumonitis due to solids and liquids	6	2	6	3	15	10	6
Chronic liver disease and cirrhosis	6	7	13	5	30	11	16
Nephritis and nephrosis	4	7	16	7	34	30	27
Conditions orig. in perinatal period	1	1	1	2	5	0	4
Congenital anomalies	1	1	3	0	8	1	1
Symptoms and ill-defined conditions	2	2	2	2	13	3	5
All other diseases	61	64	103	82	356	128	149
Unintentional injuries	15	12	52	17	167	48	49
...Motor vehicle crashes	3	2	8	4	35	4	9
...Falls	5	3	17	5	37	14	5
...Accidental poisoning	7	5	22	4	73	27	26
...Other unintentional injuries	0	2	5	4	22	3	9
Suicide	1	6	9	9	31	11	19
Homicide	0	2	4	12	12	5	4
All other external causes	1	0	0	0	6	3	3

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2023

	St. Louis City	St. Peters	University City	Wentzville	Wildwood
All causes	3,039	604	379	279	220
COVID-19	33	10	4	5	3
Septicemia	57	9	7	6	6
HIV / AIDS	6	0	0	0	0
Malignant neoplasms	529	121	67	74	43
...Colon, rectum, and anus	47	10	4	9	4
...Pancreas	42	6	5	11	3
...Trachea, bronchus, and lung	140	31	14	21	11
...Breast	37	8	9	1	3
...Cervix uteri, corpus uteri, and ovary	24	4	3	3	2
...Prostate	28	5	3	3	5
...Urinary tract	27	8	4	0	1
...Non-Hodgkin's lymphoma	8	5	1	1	2
...Leukemia	20	2	2	1	3
...Other malignant neoplasms	156	42	22	24	9
Diabetes mellitus	91	21	4	6	5
Alzheimer's disease	64	37	31	18	16
Parkinson's disease	24	10	7	3	9
Diseases of heart	705	136	84	56	38
Essential hypertension	22	3	3	3	1
Cerebrovascular diseases	127	30	27	8	12
Influenza and pneumonia	28	11	4	4	3
Chronic lower respiratory disease	100	24	10	14	6
Pneumonitis due to solids and liquids	15	5	5	4	0
Chronic liver disease and cirrhosis	43	11	2	3	4
Nephritis and nephrosis	66	11	16	6	2
Conditions orig. in perinatal period	17	0	1	0	1
Congenital anomalies	12	2	0	1	0
Symptoms and ill-defined conditions	31	6	2	1	0
All other diseases	490	110	73	45	53
Unintentional injuries	421	36	22	13	12
...Motor vehicle crashes	48	6	5	4	0
...Falls	31	18	3	3	7
...Accidental poisoning	300	9	5	6	2
...Other unintentional injuries	42	3	9	0	3
Suicide	44	9	5	7	5
Homicide	105	1	5	1	0
All other external causes	9	1	0	1	1

Table 27. Recorded Deaths by Type of Accident by Age by Sex: Missouri, 2023

	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	4,864	3,125	1,739	47	37	27	14	232	112	1,032	395	907	376	363	181	517	624
Work Total	94	88	6	0	0	0	0	13	1	33	2	29	2	10	1	3	0
Heavy transport vehicle	4	4	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0
Other motor vehicle	25	24	1	0	0	0	0	1	0	10	0	8	0	3	1	2	0
Other transport	3	2	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0
Falls	15	13	2	0	0	0	0	2	0	4	2	4	0	2	0	1	0
Farm machinery	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Other machinery	6	5	1	0	0	0	0	1	0	3	0	0	1	1	0	0	0
Struck by/against object	11	11	0	0	0	0	0	2	0	2	0	5	0	2	0	0	0
Electric current	5	5	0	0	0	0	0	1	0	2	0	2	0	0	0	0	0
Other/unspecified accident	24	23	1	0	0	0	0	4	0	10	0	8	1	1	0	0	0
Home Total	2,066	1,331	735	36	26	11	4	63	36	451	193	405	196	155	76	210	204
Falls	533	291	242	0	0	0	1	0	0	10	1	53	23	62	37	166	180
Machinery	5	5	0	1	0	0	0	0	0	0	0	0	0	1	0	3	0
Firearms	9	8	1	0	0	1	0	1	1	4	0	1	0	0	0	1	0
Struck by/against object	24	20	4	1	0	1	0	1	0	6	0	4	0	4	1	3	3
Drowning	25	16	9	2	2	1	0	1	0	3	3	3	1	2	3	4	0
Choke/suffocate	73	48	25	28	21	0	0	2	0	2	0	8	2	5	1	3	1
Excess natural heat/cold	15	10	5	0	0	0	0	0	0	0	0	4	1	5	1	1	3
Fire/flame/smoke	93	59	34	0	1	2	3	3	0	8	3	16	8	13	9	17	10
Poisoning (drug/alcohol)	1,202	811	391	4	2	1	0	48	32	397	182	297	154	58	21	6	0
Poisoning (gas/other)	29	22	7	0	0	1	0	0	0	10	2	8	1	1	2	2	2
Other/unspecified accident	58	41	17	0	0	4	0	7	3	11	2	11	6	4	1	4	5
Public Transport Total	1,076	730	346	6	6	12	9	109	55	243	97	207	88	76	44	77	47
Car or truck	730	462	268	2	4	7	8	76	49	151	71	115	59	53	34	58	43
Pedestrian	137	88	49	3	0	0	1	7	2	33	20	34	15	5	8	6	3
Pedal cyclist	11	11	0	0	0	0	0	0	0	4	0	3	0	3	0	1	0
Motorcyclist	153	134	19	0	0	1	0	22	3	49	3	49	11	9	2	4	0
Railroad (not motor vehicle)	11	7	4	0	1	0	0	1	3	1	1	0	1	2	0	1	0
Non-road vehicle (including ATV)	21	19	2	0	0	4	0	1	0	1	1	3	0	4	0	6	1
Water transport	3	2	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0
Air transport	3	3	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0
Other/unspecified transport	7	4	3	1	1	0	0	0	0	2	0	1	2	0	0	0	0
Public Non-Transport Total	1,586	947	639	5	5	4	1	46	20	296	101	253	88	118	59	225	365
Falls	404	159	245	0	0	0	0	2	0	9	1	10	12	29	18	109	214
Machinery	9	7	2	0	0	0	0	1	0	1	0	1	0	0	2	4	0
Firearms	8	7	1	0	0	0	0	2	1	3	0	1	0	1	0	0	0
Struck by/against object	17	10	7	0	1	0	1	0	2	2	1	4	2	4	0	0	0
Drowning	43	37	6	3	1	1	0	8	1	11	0	6	3	6	1	2	0
Choke/suffocate	123	71	52	1	2	1	0	0	1	4	2	14	9	19	8	32	30
Excess natural heat/cold	34	26	8	1	0	0	0	0	0	4	0	13	1	4	2	4	5
Fire/flame/smoke	5	4	1	0	0	0	0	0	0	0	0	2	0	1	0	0	1
Poisoning (drug/alcohol)	682	503	179	0	1	2	0	33	14	253	94	187	53	26	9	2	8
Poisoning (gas/other)	10	8	2	0	0	0	0	0	0	3	1	3	0	2	1	0	0
Other/unspecified accident	251	115	136	0	0	0	0	0	1	5	2	12	8	26	18	72	107
Late Effects of Accidents	42	29	13	0	0	0	0	1	0	9	2	13	2	4	1	2	8

Table 28. Resident Deaths by Selected Variables by Determination of Tobacco Use Contributing to Cause of Death: Missouri, 2023

	Total	Tobacco Use Contributed to Death			Percentage				
		Yes	Probably	No	Yes	Probably	No		
		Unknown	Unknown	Unknown	Unknown	Unknown	Unknown		
State Total	66,470	6,357	3,566	30,606	25,941	9.6	5.4	46.0	39.0
Gender									
Male	34,942	3,742	2,196	15,202	13,802	10.7	6.3	43.5	39.5
Female	31,528	2,615	1,370	15,404	12,139	8.3	4.3	48.9	38.5
Decedent's Race									
White Non-Hispanic	57,044	5,674	3,116	25,897	22,357	9.9	5.5	45.4	39.2
Black Non-Hispanic	7,522	583	382	3,680	2,877	7.8	5.1	48.9	38.2
Other Non-Hispanic*	982	52	38	534	358	5.3	3.9	54.4	36.5
Hispanic, Any Race	849	38	23	469	319	4.5	2.7	55.2	37.6
Decedent's Age									
Under 35	2,860	23	11	2,277	549	0.8	0.4	79.6	19.2
35-44	2,231	82	57	1,357	735	3.7	2.6	60.8	32.9
45-54	3,463	307	154	1,645	1,357	8.9	4.4	47.5	39.2
55-64	8,536	1,228	628	3,152	3,528	14.4	7.4	36.9	41.3
65-74	14,046	2,059	1,055	5,105	5,827	14.7	7.5	36.3	41.5
75-84	17,288	1,857	1,029	7,356	7,046	10.7	6.0	42.5	40.8
85+	18,045	801	632	9,714	6,898	4.4	3.5	53.8	38.2
Underlying Cause of Death									
Heart disease	15,124	1,566	792	6,112	6,654	10.4	5.2	40.4	44.0
Cancer	13,127	1,821	1,086	4,890	5,330	13.9	8.3	37.3	40.6
...Lung cancer	3,394	1,253	549	325	1,267	36.9	16.2	9.6	37.3
...Other cancer	9,733	568	537	4,565	4,063	5.8	5.5	46.9	41.7
Chronic lower respiratory disease	3,709	1,431	488	380	1,410	38.6	13.2	10.2	38.0
Stroke	3,157	172	134	1,458	1,393	5.4	4.2	46.2	44.1
Unintentional injuries	4,566	101	46	3,201	1,218	2.2	1.0	70.1	26.7
Alzheimer's disease	2,517	29	34	1,571	883	1.2	1.4	62.4	35.1
Diabetes mellitus	1,860	194	117	735	814	10.4	6.3	39.5	43.8
Influenza and pneumonia	981	39	56	413	473	4.0	5.7	42.1	48.2
Nephritis and nephrosis	1,710	56	61	771	822	3.3	3.6	45.1	48.1
Other	19,719	948	752	11,075	6,944	4.8	3.8	56.2	35.2

* Includes deaths of persons of multiple races, but not persons of unknown race.

Table 29. Resident Deaths by Selected Characteristics by Sex: Missouri, 2023

	Total	Female	Male
<u>State Total</u>	66,470	31,528	34,942
<u>Certifier</u>			
Certifying Physician	51,137	26,240	24,897
Medical Examiner/Coroner	15,252	5,248	10,004
Other	81	40	41
<u>Death Place</u>			
Inpatient	18,148	8,402	9,746
Emergency Room/Outpatient	3,738	1,451	2,287
Dead on Arrival	35	15	20
Decedent's Home	23,282	10,205	13,077
Hospice Facility	2,649	1,336	1,313
Nursing Home	14,891	8,781	6,110
Other	3,726	1,338	2,388
Unknown	1	0	1
<u>Month of Death</u>			
January	6,106	2,891	3,215
February	5,356	2,589	2,767
March	5,965	2,860	3,105
April	5,380	2,544	2,836
May	5,454	2,618	2,836
June	5,278	2,520	2,758
July	5,179	2,418	2,761
August	5,350	2,505	2,845
September	5,233	2,390	2,843
October	5,666	2,658	3,008
November	5,460	2,597	2,863
December	6,043	2,938	3,105

	Total	Female	Male
<u>Disposition</u>			
Burial	24,921	12,997	11,924
Cremation	38,649	17,075	21,574
Donation	1,139	568	571
Entombment	351	197	154
Removal from State	1,378	678	700
Other	32	13	19
<u>Marital Status</u>			
Married	23,494	7,997	15,497
Divorced	12,590	5,807	6,783
Widowed	20,541	14,283	6,258
Never Married	9,319	3,283	6,036
Unknown	526	158	368
<u>Education of Deceased</u>			
8th Grade or Less	4,639	2,231	2,408
9th to 11th Grade	6,540	2,960	3,580
High School Graduates	30,762	15,206	15,556
Some College	13,092	6,344	6,748
Bachelor's Degree	6,427	2,805	3,622
Post-Graduate Degree	3,954	1,574	2,380
Unknown	1,056	408	648
<u>Autopsy</u>			
Yes	4,237	1,298	2,939
Yes, but not used	233	102	131

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2023

Total Population

Age Interval	Proportion Dying at beginning of age interval during interval	Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime
		Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	
X TO X + N	nQ_x	L_x	nD_x	nL_x	T_x	E_x
0 to 1	0.0059	100,000	587	99,471	7,664,939	76.6
1 to 5	0.0014	99,413	137	397,376	7,565,468	76.1
5 to 10	0.0007	99,276	72	496,199	7,168,091	72.2
10 to 15	0.0010	99,204	104	495,760	6,671,892	67.3
15 to 19	0.0038	99,100	380	494,551	6,176,132	62.3
20 to 25	0.0058	98,720	576	492,162	5,681,582	57.6
25 to 30	0.0074	98,145	731	488,896	5,189,419	52.9
30 to 35	0.0101	97,414	988	484,598	4,700,524	48.3
35 to 40	0.0119	96,426	1,152	479,249	4,215,926	43.7
40 to 45	0.0158	95,274	1,504	472,609	3,736,677	39.2
45 to 50	0.0197	93,770	1,851	464,222	3,264,067	34.8
50 to 55	0.0276	91,919	2,538	453,249	2,799,846	30.5
55 to 60	0.0425	89,381	3,802	437,399	2,346,596	26.3
60 to 65	0.0617	85,579	5,281	414,691	1,909,197	22.3
65 to 70	0.0851	80,297	6,835	384,399	1,494,506	18.6
70 to 75	0.1182	73,462	8,681	345,609	1,110,106	15.1
75 to 80	0.1784	64,781	11,554	295,022	764,497	11.8
80 to 85	0.2842	53,227	15,126	228,321	469,476	8.8
85+	1.0000	38,101	38,101	241,154	241,154	6.3

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2023

Male Population

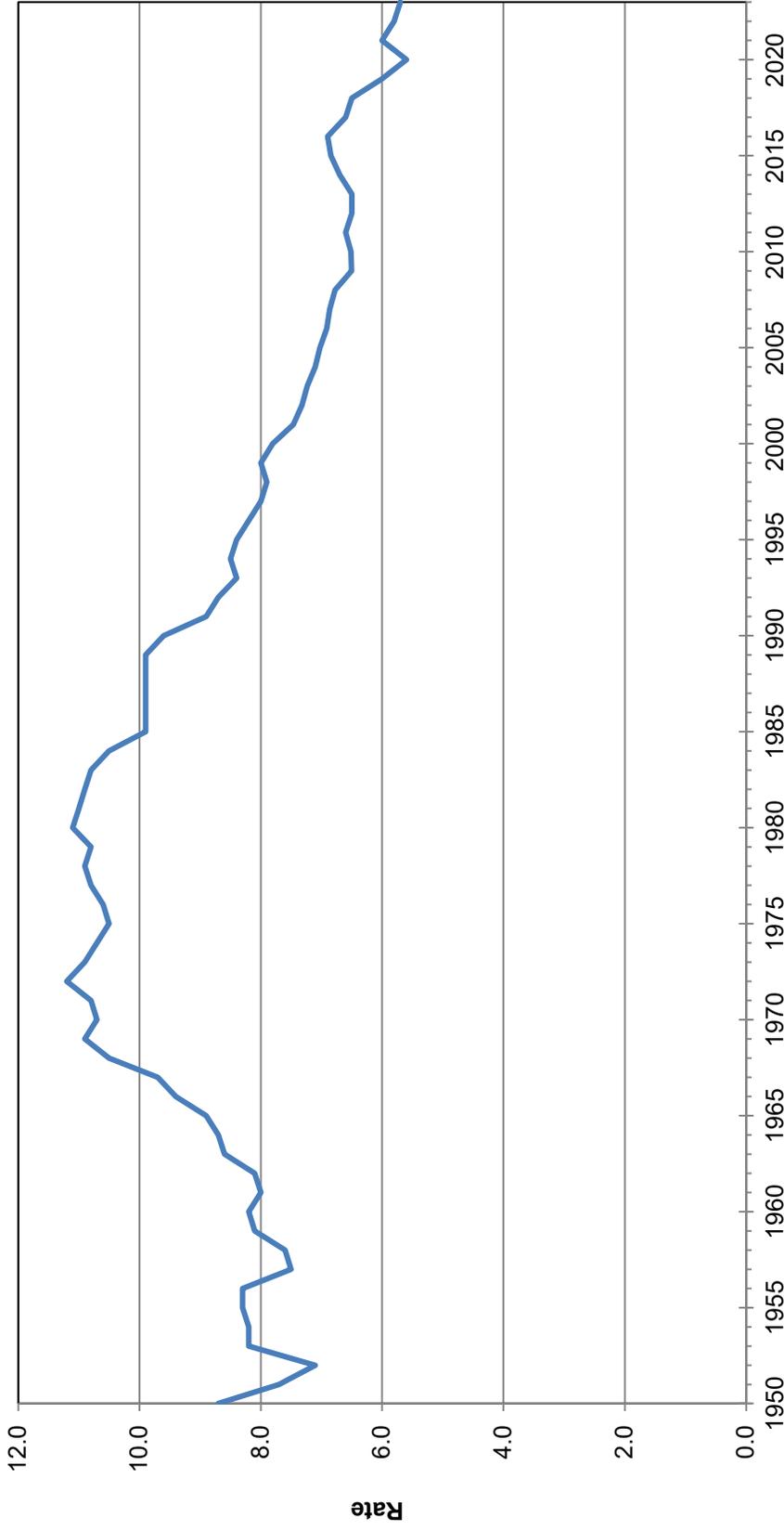
Age Interval	Proportion Dying Of persons alive at beginning of age interval dying during interval	Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime
		Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	
X TO X + N	nQ_x	L_x	nD_x	nL_x	T_x	E_x
0 to 1	0.0062	100,000	620	99,442	7,387,322	73.9
1 to 5	0.0016	99,380	155	397,211	7,287,879	73.3
5 to 10	0.0008	99,225	79	495,929	6,890,669	69.4
10 to 15	0.0013	99,146	131	495,406	6,394,740	64.5
15 to 19	0.0056	99,016	554	493,695	5,899,334	59.6
20 to 25	0.0082	98,462	809	490,287	5,405,639	54.9
25 to 30	0.0108	97,653	1,052	485,635	4,915,352	50.3
30 to 35	0.0136	96,601	1,317	479,714	4,429,717	45.9
35 to 40	0.0159	95,285	1,516	472,633	3,950,002	41.5
40 to 45	0.0208	93,769	1,949	463,971	3,477,369	37.1
45 to 50	0.0252	91,820	2,317	453,307	3,013,398	32.8
50 to 55	0.0338	89,503	3,021	439,961	2,560,091	28.6
55 to 60	0.0519	86,482	4,492	421,177	2,120,130	24.5
60 to 65	0.0765	81,989	6,268	394,275	1,698,953	20.7
65 to 70	0.1057	75,721	8,006	358,588	1,304,678	17.2
70 to 75	0.1413	67,715	9,569	314,651	946,090	14.0
75 to 80	0.2040	58,146	11,862	261,075	631,439	10.9
80 to 85	0.3260	46,284	15,088	193,701	370,364	8.0
85+	1.0000	31,196	31,196	176,663	176,663	5.7

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2023

Female Population

Age Interval	Proportion Dying Of 100,000 Born Alive	Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime
		Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	
X TO X + N	nQ_x	L_x	nD_x	nL_x	T_x	E_x
0 to 1	0.0055	100,000	554	99,502	7,952,084	79.5
1 to 5	0.0012	99,446	118	397,549	7,852,583	79.0
5 to 10	0.0006	99,328	64	496,481	7,455,033	75.1
10 to 15	0.0008	99,264	76	496,132	6,958,552	70.1
15 to 19	0.0020	99,189	195	495,456	6,462,420	65.2
20 to 25	0.0034	98,994	334	494,136	5,966,964	60.3
25 to 30	0.0040	98,660	398	492,307	5,472,828	55.5
30 to 35	0.0067	98,262	654	489,677	4,980,522	50.7
35 to 40	0.0080	97,608	777	486,099	4,490,845	46.0
40 to 45	0.0108	96,831	1,043	481,548	4,004,746	41.4
45 to 50	0.0142	95,788	1,363	475,532	3,523,198	36.8
50 to 55	0.0215	94,425	2,029	467,052	3,047,666	32.3
55 to 60	0.0333	92,396	3,078	454,285	2,580,614	27.9
60 to 65	0.0475	89,318	4,244	435,981	2,126,329	23.8
65 to 70	0.0659	85,074	5,609	411,350	1,690,347	19.9
70 to 75	0.0977	79,465	7,765	377,914	1,278,998	16.1
75 to 80	0.1567	71,700	11,233	330,419	901,083	12.6
80 to 85	0.2519	60,468	15,234	264,252	570,664	9.4
85+	1.0000	45,233	45,233	306,412	306,412	6.8

Graph E. Marriage Rates per 1,000 Population: Missouri, 1950-2023



Year	Marriages	Rate	Year	Marriages	Rate	Year	Marriages	Rate
1950	34,300	8.7	1985	49,484	9.9	2017	40,316	6.6
1955	34,162	8.3	1990	49,063	9.6	2018	39,692	6.5
1960	35,368	8.2	1995	45,057	8.4	2019	36,636	6.0
1965	39,882	8.9	2000	43,665	7.8	2020	34,425	5.6
1970	50,224	10.7	2005	40,675	7.0	2021	37,254	6.0
1975	50,147	10.5	2010	38,998	6.5	2022	36,103	5.8
1980	54,625	11.1	2015	41,377	6.8	2023	35,396	5.7

Table 31. Reported Marriages by Month of Event: Missouri, 2023

	Total	Gender			Not Stated
		Male-Female	Female-Female	Male-Male	
Total	35,396	34,103	760	357	176
January	1,309	1,248	35	20	6
February	1,487	1,423	37	19	8
March	2,214	2,105	50	27	32
April	2,764	2,656	54	33	21
May	3,519	3,387	77	41	14
June	3,778	3,652	76	32	18
July	2,833	2,720	65	31	17
August	2,545	2,461	49	19	16
September	4,667	4,522	89	41	15
October	5,378	5,196	121	47	14
November	2,582	2,490	53	30	9
December	2,320	2,243	54	17	6

Table 32. Reported Male-Female Marriages by Age: Missouri, 2023

Age of Male	Total	Age of Female														
		14 And Under	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Total	34,103	0	0	13	43	388	596	919	1,206	1,507	1,752	1,848	2,006	1,950	1,773	1,752
14 And Under	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17	13	0	5	3	3	3	1	1	0	0	0	0	0	0	0	0
18	155	0	5	12	67	67	38	17	6	6	2	0	0	0	1	1
19	376	0	2	15	96	112	77	33	18	7	3	3	3	8	0	1
20	652	0	1	11	83	136	200	112	48	30	12	4	4	5	4	2
21	893	0	0	0	0	54	98	199	262	150	54	29	18	6	1	6
22	1,144	0	0	0	0	34	69	150	231	314	166	75	37	18	12	13
23	1,395	0	0	0	0	16	36	78	190	319	388	186	70	35	32	16
24	1,601	0	0	0	0	12	28	60	113	232	337	380	209	62	49	38
25	1,824	0	0	0	0	3	21	36	77	143	264	383	444	209	94	54
26	1,770	0	0	0	0	6	16	30	48	73	159	254	371	401	177	77
27	1,763	0	0	0	1	5	9	18	35	53	103	148	253	336	335	194
28	1,698	0	0	0	0	2	5	10	27	34	70	106	168	263	286	302
29	1,522	0	0	0	0	1	4	10	10	27	35	66	116	144	196	266
30	1,483	0	0	0	0	1	2	4	11	23	31	42	81	126	154	201
31	1,442	0	0	0	0	1	2	5	10	10	22	48	55	94	109	140
32	1,202	0	0	0	0	1	2	8	7	14	13	29	35	55	77	102
33	1,098	0	0	0	0	0	2	3	10	11	15	17	36	54	59	91
34	991	0	0	0	0	1	4	1	3	7	11	12	26	23	48	52
35-39	3,678	0	0	0	0	1	6	8	13	13	32	40	49	69	99	144
40-44	2,561	0	0	0	0	0	1	3	5	7	10	9	22	29	22	29
45-49	1,894	0	0	0	0	0	1	1	2	2	2	5	5	8	12	14
50-54	1,559	0	0	0	0	0	2	0	0	2	0	2	1	3	2	5
55-59	1,182	0	0	0	0	0	0	0	0	1	1	1	2	1	3	2
60-64	942	0	0	0	0	0	1	0	1	0	0	0	1	0	0	1
65-69	573	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
70-74	325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 +	365	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 32. Reported Male-Female Marriages by Age: Missouri, 2023

Age of Male	Age of Female														Not Stated	
	29	30	31	32	33	34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74		75 +
Total	1,607	1,416	1,325	1,137	1,016	822	3,168	2,325	1,724	1,324	924	677	457	257	170	1
14 And Under	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
21	5	3	1	2	2	0	1	1	0	0	1	0	0	0	0	0
22	6	4	5	1	2	1	3	2	1	0	0	0	0	0	0	0
23	3	4	4	2	3	1	10	0	0	2	0	0	0	0	0	0
24	20	19	14	6	5	4	8	3	2	0	0	0	0	0	0	0
25	32	17	11	9	5	6	11	4	1	0	0	0	0	0	0	0
26	55	32	20	18	12	2	14	5	0	0	0	0	0	0	0	0
27	91	52	38	21	16	10	33	8	4	0	0	0	0	0	0	0
28	167	76	48	34	23	18	41	12	5	1	0	0	0	0	0	0
29	273	129	80	49	40	21	40	14	1	0	0	0	0	0	0	0
30	227	217	130	65	52	27	64	13	10	2	0	0	0	0	0	0
31	171	210	194	122	78	45	91	23	9	2	0	1	0	0	0	0
32	134	131	161	146	91	54	112	25	4	0	1	0	0	0	0	0
33	95	100	119	123	109	77	135	29	7	4	2	0	0	0	0	0
34	76	97	93	115	108	85	166	49	11	3	0	0	0	0	0	0
35-39	173	207	275	280	294	311	1,157	362	115	22	5	2	0	1	0	0
40-44	52	74	80	93	108	99	748	795	260	85	19	7	3	1	0	0
45-49	15	26	35	36	41	46	339	520	548	195	33	6	1	1	0	0
50-54	7	9	13	8	17	11	116	293	419	447	151	40	10	1	0	0
55-59	2	7	3	6	6	2	52	96	201	321	329	117	21	8	0	0
60-64	1	1	1	0	1	1	19	47	87	157	245	270	88	16	4	0
65-69	0	0	0	1	2	1	6	18	26	54	96	149	167	41	10	0
70-74	0	0	0	0	1	0	1	3	8	23	28	51	105	85	19	1
75 +	0	0	0	0	0	0	0	2	5	6	14	34	62	103	137	0
Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 33A. Reported Marriages by Age and Previous Marital Status: Missouri, 2023

Age	Male-Female						Same-Sex									
	Female			Male			Partner 1			Partner 2						
	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced
Total	34,103	23,830	1,065	9,190	34,103	23,816	962	9,313	1,117	852	16	249	1,117	859	8	250
14 And Under	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	13	13	0	0	2	2	0	0	1	1	0	0	1	1	0	0
17	43	43	0	0	13	13	0	0	1	1	0	0	2	2	0	0
18	388	388	0	0	155	154	0	0	2	2	0	0	10	10	0	0
19	596	592	0	0	376	374	0	1	13	13	0	0	18	18	0	0
20	919	912	0	6	652	649	0	2	26	26	0	0	16	16	0	0
21	1,206	1,190	0	15	893	886	0	5	20	19	0	1	21	20	0	1
22	1,507	1,478	0	28	1,144	1,132	0	12	31	30	0	1	41	39	0	2
23	1,752	1,709	0	41	1,395	1,374	0	21	41	39	0	2	32	31	0	1
24	1,848	1,764	2	82	1,601	1,570	1	29	44	41	0	3	52	49	0	3
25	2,006	1,918	4	84	1,824	1,768	0	56	49	45	0	4	68	67	0	1
26	1,950	1,838	2	109	1,770	1,697	2	71	66	61	1	4	53	45	0	8
27	1,773	1,603	5	164	1,763	1,659	5	99	47	44	0	3	54	50	0	4
28	1,752	1,541	4	206	1,698	1,554	0	144	53	49	0	4	46	38	0	8
29	1,607	1,386	7	213	1,522	1,376	2	144	61	55	0	6	62	57	0	5
30	1,416	1,150	4	261	1,483	1,304	3	175	50	42	0	8	45	37	0	8
31	1,325	1,019	8	298	1,442	1,228	5	209	46	40	0	6	54	45	0	9
32	1,137	827	9	301	1,202	982	4	216	41	30	0	11	44	33	0	11
33	1,016	668	10	337	1,098	854	4	239	36	32	0	4	50	37	1	12
34	822	552	10	260	991	732	5	254	42	31	1	10	40	28	1	11
35-39	3,168	1,624	50	1,493	3,678	2,293	25	1,358	142	91	2	49	135	93	1	41
40-44	2,325	775	88	1,462	2,561	1,055	35	1,471	103	47	2	54	95	47	0	48
45-49	1,723	369	105	1,249	1,894	478	48	1,368	55	24	2	29	56	32	0	24
50-54	1,324	213	107	1,002	1,559	319	81	1,157	59	36	4	19	45	24	0	21
55-59	924	113	114	697	1,182	159	103	920	33	25	1	7	28	15	2	11
60-64	677	70	162	445	942	106	160	676	29	16	2	11	21	13	0	8
65-69	457	49	152	256	573	59	126	388	15	8	0	7	14	6	2	6
70-74	257	18	116	123	325	19	129	177	6	3	1	2	11	6	1	4
75 +	170	7	106	57	365	20	224	121	5	1	0	4	3	0	0	3
Not Stated	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Median Age at Marriage	29.8	27.1	60.1	42.4	31.5	28.4	65.0	45.5	32.2	30.0	50.8	40.8	31.7	29.8	58.3	39.9

Table 33B. Reported Same-Sex Marriages by Age and Previous Marital Status: Missouri, 2023

Age	Female-Female						Male-Male									
	Partner 1			Partner 2			Partner 1			Partner 2						
	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced				
Total	760	555	9	196	760	553	5	202	357	297	7	53	357	306	3	48
14 and Under	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17	1	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0
18	2	2	0	0	7	7	0	0	0	0	0	0	0	3	3	0
19	9	9	0	0	17	17	0	0	4	4	0	0	1	1	0	0
20	22	22	0	0	11	11	0	0	4	4	0	0	5	5	0	0
21	12	11	0	1	16	15	0	1	8	8	0	0	5	5	0	0
22	21	20	0	1	26	24	0	2	10	10	0	0	15	15	0	0
23	36	35	0	1	22	21	0	1	5	4	0	1	10	10	0	0
24	34	31	0	3	39	36	0	3	10	10	0	0	13	13	0	0
25	33	30	0	3	45	45	0	0	16	15	0	1	23	22	0	1
26	46	42	1	3	36	30	0	6	20	19	0	1	17	15	0	2
27	36	33	0	3	38	34	0	4	11	11	0	0	16	16	0	0
28	41	37	0	4	29	24	0	5	12	12	0	0	17	14	0	3
29	35	31	0	4	42	37	0	5	26	24	0	2	20	20	0	0
30	31	25	0	6	30	25	0	5	19	17	0	2	15	12	0	3
31	35	29	0	6	39	31	0	8	11	11	0	0	15	14	0	1
32	32	22	0	10	32	23	0	9	9	8	0	1	12	10	0	2
33	24	20	0	4	36	24	0	12	12	12	0	0	14	13	1	0
34	32	21	1	10	25	13	1	11	10	10	0	0	15	15	0	0
35-39	92	56	0	36	92	59	1	32	50	35	2	13	43	34	0	9
40-44	71	24	2	45	72	29	0	43	32	23	0	9	23	18	0	5
45-49	44	16	2	26	37	16	0	21	11	8	0	3	19	16	0	3
50-54	27	16	1	10	31	16	0	15	32	20	3	9	14	8	0	6
55-59	15	10	1	4	15	6	1	8	18	15	0	3	13	9	1	3
60-64	14	6	1	7	8	4	0	4	15	10	1	4	13	9	0	4
65-69	8	4	0	4	7	2	1	4	7	4	0	3	7	4	1	2
70-74	3	1	0	2	5	2	1	2	3	2	1	0	6	4	0	2
75 +	3	0	0	3	1	0	0	1	2	1	0	1	2	0	0	2
Median Age at Marriage	31.4	29.2	46.9	40.1	31.5	29.4	58.2	39.1	34.2	32.0	52.7	44.1	32.3	31.1	58.3	43.9

Table 34A. Reported Male-Female Marriages by Race: Missouri, 2023

<u>Race of Female Partner</u>	Total	<u>Race of Male Partner</u>		
		White	Black	Other
Total	34,103	27,686	2,881	1,345
White	28,000	26,142	734	676
Black	2,384	327	1,961	62
Other	1,484	766	114	592
Unknown	2,235	451	72	15
				1,697

Table 34B. Reported Female-Female Marriages by Race: Missouri, 2023

<u>Race of Second Partner</u>	Total	<u>Race of First Partner</u>		
		White	Black	Other
Total	760	556	103	29
White	564	514	21	15
Black	98	12	77	7
Other	30	20	4	6
Unknown	68	10	1	1
				56

Table 34C. Reported Male-Male Marriages by Race: Missouri, 2023

<u>Race of Second Partner</u>	Total	<u>Race of First Partner</u>		
		White	Black	Other
Total	357	286	13	27
White	260	238	4	11
Black	19	7	9	3
Other	38	25	0	13
Unknown	40	16	0	0
				24

Table 35A. Reported Marriages by County of Recording with Rates per 1,000 Population: Missouri, 2023

Counties	Population	Marriages	Rate
<u>State Total</u>	6,177,957	35,396	5.7
Adair	25,165	148	5.9
Andrew	18,003	73	4.1
Atchison	5,182	25	4.8
Audrain	24,434	125	5.1
Barry	34,926	153	4.4
Barton	11,694	39	3.3
Bates	16,177	53	3.3
Benton	20,224	86	4.3
Bollinger	10,518	49	4.7
Boone	187,690	941	5.0
Buchanan	82,911	556	6.7
Butler	42,179	236	5.6
Caldwell	8,933	44	4.9
Callaway	44,762	192	4.3
Camden	43,768	268	6.1
Cape Girardeau	82,899	561	6.8
Carroll	8,423	51	6.1
Carter	5,268	52	9.9
Cass	110,394	541	4.9
Cedar	14,601	72	4.9
Chariton	7,386	38	5.1
Christian	93,114	544	5.8
Clark	6,723	44	6.5
Clay	257,033	1,186	4.6
Clinton	21,328	77	3.6
Cole	76,969	536	7.0
Cooper	16,772	92	5.5
Crawford	22,659	98	4.3
Dade	7,660	16	2.1
Dallas	17,626	101	5.7
Davies	8,435	66	7.8
DeKalb	11,336	55	4.9
Dent	14,467	94	6.5
Douglas	11,975	72	6.0
Dunklin	27,406	144	5.3
Franklin	105,879	636	6.0
Gasconade	14,768	95	6.4
Gentry	6,253	27	4.3

Counties	Population	Marriages	Rate
Greene	303,293	2,200	7.3
Grundy	9,838	43	4.4
Harrison	8,199	47	5.7
Henry	22,438	125	5.6
Hickory	8,630	39	4.5
Holt	4,262	15	3.5
Howard	10,168	36	3.5
Howell	40,631	294	7.2
Iron	9,414	43	4.6
Jackson	716,531	5,011	7.0
Jasper	124,075	797	6.4
Jefferson	229,336	1,158	5.0
Johnson	54,368	348	6.4
Knox	3,776	18	4.8
Laclede	36,313	235	6.5
Lafayette	32,961	161	4.9
Lawrence	38,683	256	6.6
Lewis	9,891	50	5.1
Lincoln	63,155	315	5.0
Linn	11,820	42	3.6
Livingston	14,402	107	7.4
Macon	15,049	64	4.3
Madison	12,753	88	6.9
Maries	8,431	52	6.2
Marion	28,438	187	6.6
McDonald	23,588	153	6.5
Mercer	3,437	22	6.4
Miller	25,403	122	4.8
Mississippi	11,688	78	6.7
Moniteau	15,220	60	3.9
Monroe	8,652	36	4.2
Montgomery	11,470	57	5.0
Morgan	21,785	123	5.6
New Madrid	15,695	67	4.3
Newton	60,011	295	4.9
Nodaway	20,670	99	4.8
Oregon	8,732	40	4.6
Osage	13,399	68	5.1
Ozark	8,940	45	5.0

Counties	Population	Marriages	Rate
Pemiscot	14,841	72	4.9
Perry	18,858	107	5.7
Pettis	43,353	326	7.5
Phelps	45,313	239	5.3
Pike	17,664	87	4.9
Platte	110,534	649	5.9
Polk	32,693	203	6.2
Pulaski	53,941	369	6.8
Putnam	4,666	28	6.0
Ralls	10,420	36	3.5
Randolph	24,622	130	5.3
Ray	23,107	130	5.6
Reynolds	6,006	31	5.2
Ripley	10,703	81	7.6
Saline	23,007	128	5.6
Schuyler	4,002	31	7.7
Scotland	4,643	35	7.5
Scott	37,840	193	5.1
Shannon	7,193	42	5.8
Shelby	5,982	24	4.0
St. Charles	413,803	2,162	5.2
St. Clair	9,576	39	4.1
St. Francois	66,969	471	7.0
St. Louis City	286,578	2,456	8.6
St. Louis County	990,414	3,980	4.0
Ste. Genevieve	18,644	91	4.9
Stoddard	28,377	179	6.3
Stone	32,136	153	4.8
Sullivan	5,840	37	6.3
Taney	56,821	681	12.0
Texas	25,336	130	5.1
Vernon	19,651	125	6.4
Warren	37,260	206	5.5
Washington	23,441	154	6.6
Wayne	10,792	73	6.8
Webster	40,335	221	5.5
Worth	1,955	6	3.1
Wright	19,156	109	5.7

Table 35B. Reported Marriages by Gender and County of Recording: Missouri, 2023

Counties	Male-Female	Female-Female	Male-Male	Not Stated
State Total	34,103	760	357	176
Adair	140	3	5	0
Andrew	72	0	1	0
Atchison	25	0	0	0
Audrain	122	2	0	1
Barry	150	1	2	0
Barton	37	1	1	0
Bates	53	0	0	0
Benton	85	1	0	0
Bollinger	49	0	0	0
Boone	900	33	8	0
Buchanan	540	8	8	0
Butler	224	11	1	0
Caldwell	43	1	0	0
Callaway	186	6	0	0
Camden	266	0	2	0
Cape Girardeau	545	11	5	0
Carroll	51	0	0	0
Carter	52	0	0	0
Cass	525	13	3	0
Cedar	70	2	0	0
Chariton	38	0	0	0
Christian	538	5	1	0
Clark	44	0	0	0
Clay	1,149	30	7	0
Clinton	77	0	0	0
Cole	522	12	2	0
Cooper	90	1	1	0
Crawford	97	1	0	0
Dade	0	0	0	16
Dallas	96	2	3	0
Davies	64	0	2	0
DeKalb	55	0	0	0
Dent	92	2	0	0
Douglas	72	0	0	0
Dunklin	141	3	0	0
Franklin	615	16	5	0
Gasconade	94	0	1	0
Gentry	26	1	0	0

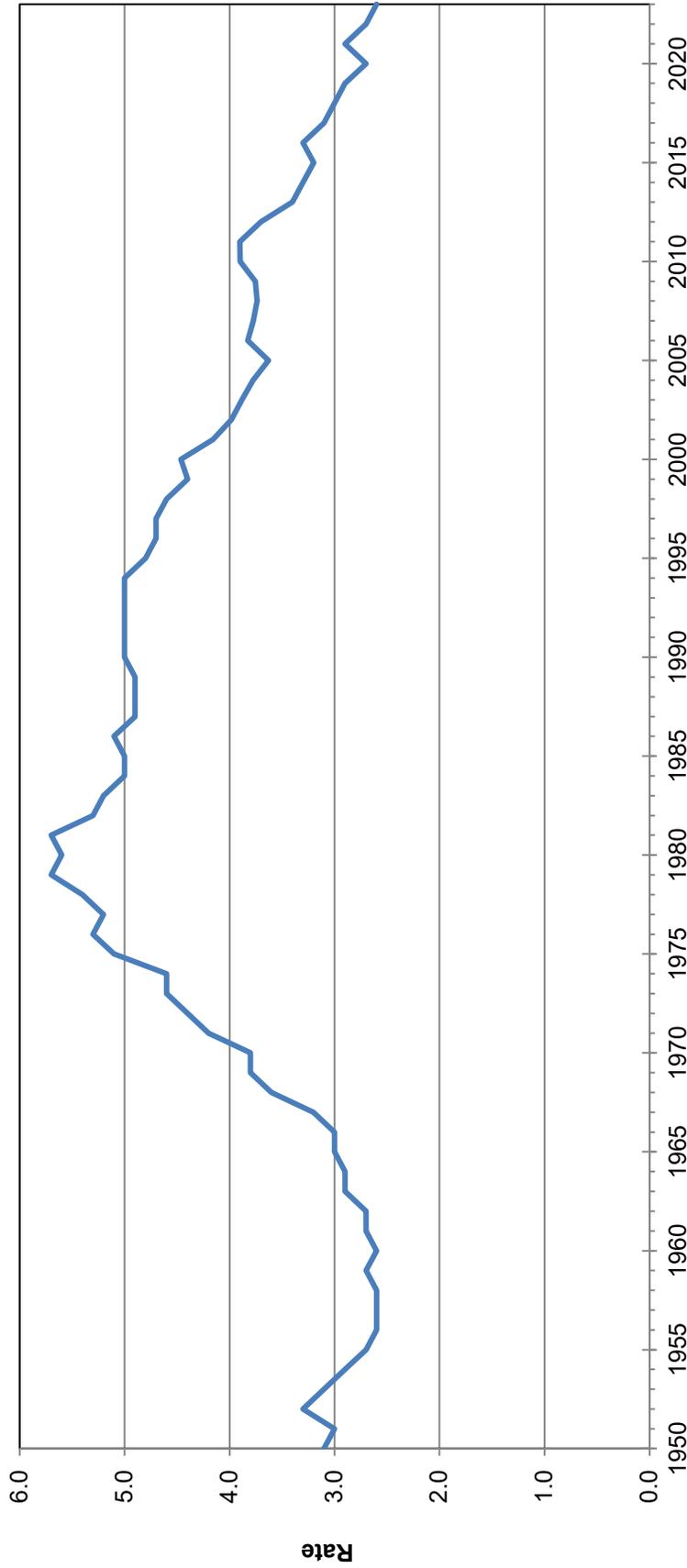
Counties	Male-Female	Female-Female	Male-Male	Not Stated
Greene	2,114	51	35	0
Grundy	41	1	1	0
Harrison	46	1	0	0
Henry	123	2	0	0
Hickory	39	0	0	0
Holt	15	0	0	0
Howard	36	0	0	0
Howell	288	6	0	0
Iron	42	1	0	0
Jackson	4,742	178	90	1
Jasper	776	14	7	0
Jefferson	1,133	18	6	1
Johnson	339	6	3	0
Knox	18	0	0	0
Laclede	231	3	1	0
Lafayette	161	0	0	0
Lawrence	254	2	0	0
Lewis	50	0	0	0
Lincoln	308	6	1	0
Linn	42	0	0	0
Livingston	103	4	0	0
Macon	63	1	0	0
Madison	88	0	0	0
Maries	51	0	1	0
Marion	182	4	1	0
McDonald	147	2	1	3
Mercer	22	0	0	0
Miller	118	3	1	0
Mississippi	73	2	3	0
Moniteau	60	0	0	0
Monroe	35	1	0	0
Montgomery	57	0	0	0
Morgan	121	2	0	0
New Madrid	66	1	0	0
Newton	290	4	1	0
Nodaway	99	0	0	0
Oregon	37	0	0	3
Osage	68	0	0	0
Ozark	2	1	0	42

Counties	Male-Female	Female-Female	Male-Male	Not Stated
Pemiscot	70	0	0	2
Perry	107	0	0	0
Pettis	321	4	1	0
Phelps	229	5	5	0
Pike	87	0	0	0
Platte	639	6	4	0
Polk	200	2	1	0
Pulaski	357	9	3	0
Putnam	28	0	0	0
Ralls	36	0	0	0
Randolph	128	2	0	0
Ray	130	0	0	0
Reynolds	29	1	1	0
Ripley	79	2	0	0
Saline	125	2	1	0
Schuyler	31	0	0	0
Scotland	35	0	0	0
Scott	188	4	1	0
Shannon	41	1	0	0
Shelby	24	0	0	0
St. Charles	2,103	38	12	9
St. Clair	39	0	0	0
St. Francois	458	9	4	0
St. Louis City	2,324	72	48	12
St. Louis County	3,745	99	52	84
Ste. Genevieve	88	1	2	0
Stoddard	176	3	0	0
Stone	150	2	1	0
Sullivan	36	1	0	0
Taney	670	7	4	0
Texas	127	0	3	0
Vernon	122	1	2	0
Warren	197	5	2	2
Washington	151	3	0	0
Wayne	73	0	0	0
Webster	220	1	0	0
Worth	6	0	0	0
Wright	109	0	0	0

Table 35C. Reported Marriages by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2023

BRFSS Region	Population	Total	Rate	Male-Female	Rate	Same-Sex	Rate
<u>State Total</u>	6,177,957	35,396	5.7	34,103	5.5	1,117	0.2
Northeast	245,423	1,335	5.4	1,308	5.3	27	0.1
Northwest	229,997	1,368	5.9	1,338	5.8	30	0.1
Central	731,867	4,184	5.7	4,072	5.6	111	0.2
Southeast	552,813	3,348	6.1	3,224	5.8	77	0.1
Southwest	971,775	6,298	6.5	6,120	6.3	159	0.2
St. Louis Region	2,149,084	11,011	5.1	10,522	4.9	381	0.2
Kansas City Region	1,296,998	7,852	6.1	7,519	5.8	332	0.3
Urban	4,125,585	23,573	5.7	22,585	5.5	881	0.2
Rural	2,052,372	11,823	5.8	11,518	5.6	236	0.1

Graph F. Dissolution Rates per 1,000 Population: Missouri, 1950-2023



Year	Dissolutions	Rate	Year	Dissolutions	Rate	Year	Dissolutions	Rate
1950	12,177	3.1	1985	24,990	5.0	2017	19,187	3.1
1955	11,351	2.7	1990	25,701	5.0	2018	18,630	3.0
1960	11,320	2.6	1995	25,733	4.8	2019	17,740	2.9
1965	13,261	3.0	2000	24,980	4.5	2020	16,406	2.7
1970	17,852	3.8	2005	21,013	3.6	2021	18,107	2.9
1975	24,527	5.1	2010	23,349	3.9	2022	16,543	2.7
1980	27,595	5.6	2015	19,330	3.2	2023	16,220	2.6

Table 36. Reported Marriage Dissolution Decrees by Month and by Type of Decree: Missouri, 2023

	Total Decrees	Dissolutions	Legal Separations	Annulments
<u>State Total</u>	16,293	16,195	73	25
January	1,344	1,339	4	1
February	1,210	1,206	2	2
March	1,444	1,440	3	1
April	1,438	1,432	6	0
May	1,518	1,508	8	2
June	1,514	1,500	10	4
July	1,141	1,137	2	2
August	1,362	1,356	4	2
September	1,352	1,338	11	3
October	1,351	1,336	11	4
November	1,305	1,299	4	2
December	1,314	1,304	8	2

Table 37. Reported Dissolutions and Annulments of Marriage by Number of Previous Marriages: Missouri, 2023

	Total	<u>Wife</u>						
		None	One	Two	Three	Four	Five Or More	Unknown
<u>Husband</u>								
Total	16,220	9,710	3,334	967	276	91	50	1,792
None	9,668	8,082	1,260	214	45	6	8	53
One	3,350	1,287	1,438	403	116	39	17	50
Two	1,040	259	436	231	69	21	9	15
Three	288	47	105	69	38	18	8	3
Four	78	5	38	20	5	5	4	1
Five Or More	29	4	11	10	0	1	3	0
Unknown	1,767	26	46	20	3	1	1	1,670

Table 38. Reported Dissolutions and Annulments of Marriage by Duration of Marriage and Number of Children Affected: Missouri, 2023

Duration	Total	Children Affected							
		No Children	One	Two	Three	Four	Five	Six Or More	Unknown
Total	16,220	8,967	3,015	2,821	986	316	67	41	7
Under 1 Year	427	359	39	15	8	4	1	1	0
1 Year	835	663	111	39	14	7	1	0	0
2 Years	903	660	155	69	11	7	0	0	1
3 Years	943	640	190	82	18	8	2	2	1
4 Years	1,003	602	251	107	29	10	0	3	1
5 Years	1,055	606	220	179	38	11	1	0	0
6 Years	939	501	202	170	51	9	3	3	0
7 Years	787	373	172	180	51	6	5	0	0
8-9 Years	1,486	643	304	379	119	34	4	3	0
10-12 Years	1,719	718	325	434	164	55	16	7	0
13-15 Years	1,294	465	233	378	150	49	10	8	1
16-19 Years	1,411	495	259	402	176	60	10	9	0
20-24 Years	1,267	591	295	234	96	37	11	3	0
25-29 Years	731	512	133	58	19	7	1	1	0
30-34 Years	452	371	49	22	9	0	0	1	0
35-39 Years	254	242	5	5	1	0	0	0	1
40 Years and Longer	258	249	3	2	2	1	1	0	0
Unknown	456	277	69	66	30	11	1	0	2

Table 39. Reported Dissolutions and Annulments of Marriage by Race of Wife by Race of Husband: Missouri, 2023

	<u>Wife</u>		<u>Husband</u>		
	Total	White	Black	Other	Unknown
Total	16,220	11,898	1,357	273	2,692
White	11,877	11,308	244	105	220
Black	1,252	166	1,037	15	34
Other	320	151	15	149	5
Unknown	2,771	273	61	4	2,433

Table 40. Reported Dissolutions and Annulments of Marriage by Petitioner by Disposition of Children and by Child Support Awarded: Missouri, 2023

<u>Petitioner</u>	Total	<u>Custody Given To:</u>				
		Husband	Wife	Joint	Other	No Children
Total	16,220	439	1,100	5,325	87	9,269
Husband	9,475	378	415	2,904	48	5,730
Wife	5,660	40	642	2,114	34	2,830
Joint	310	2	17	167	1	123
Other	19	0	2	4	0	13
Unknown	756	19	24	136	4	573

<u>Petitioner</u>	Total	<u>Child Support Awarded To:</u>			
		Husband	Wife	No Support	No Children
Total	16,220	613	2,985	3,348	9,269
Husband	9,475	484	1,258	2,001	5,730
Wife	5,660	99	1,613	1,115	2,830
Joint	310	9	53	125	123
Other	19	0	2	4	13
Unknown	756	21	59	103	573

Table 41. Reported Dissolutions and Annulments of Marriage by Age of Wife by Age of Husband: Missouri, 2023

Age of Wife	Age of Husband										
	Total	Less Than 20	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65 +	Unknown
Total	16,220	12	401	1,396	2,149	2,460	2,441	3,648	2,174	1,016	523
Less Than 20	21	5	15	0	0	0	1	0	0	0	0
20-24	614	3	289	232	55	14	2	4	0	1	14
25-29	1,786	0	59	861	568	165	53	28	12	3	37
30-34	2,467	1	11	184	1,103	730	268	101	22	1	46
35-39	2,523	0	4	44	253	1,083	720	305	59	7	48
40-44	2,410	0	4	15	82	311	998	844	104	12	40
45-54	3,351	1	3	13	38	101	326	1,997	720	87	65
55-64	1,790	0	0	6	6	9	33	262	1,076	365	33
65 +	689	0	0	4	3	0	5	21	133	501	22
Unknown	569	2	16	37	41	47	35	86	48	39	218

Table 42A. Reported Dissolutions and Annulments by County of Recording with Rates per 1,000 Population: Missouri, 2023

Counties	Population	Decrees	Rate
State Total	6,177,957	16,220	2.6
Adair	25,165	52	2.1
Andrew	18,003	88	4.9
Atchison	5,182	13	2.5
Audrain	24,434	66	2.7
Barry	34,926	47	1.3
Barton	11,694	23	2.0
Bates	16,177	56	3.5
Benton	20,224	54	2.7
Bollinger	10,518	24	2.3
Boone	187,690	433	2.3
Buchanan	82,911	212	2.6
Butler	42,179	199	4.7
Caldwell	8,955	0	0.0
Callaway	44,762	92	2.1
Camden	43,768	124	2.8
Cape Girardeau	82,899	238	2.9
Carroll	8,423	24	2.8
Carter	5,268	23	4.4
Cass	110,394	267	2.4
Cedar	14,601	35	2.4
Chariton	7,386	19	2.6
Christian	93,114	293	3.1
Clark	6,723	28	4.2
Clay	257,033	767	3.0
Clinton	21,328	39	1.8
Cole	76,969	204	2.7
Cooper	16,772	46	2.7
Crawford	22,659	79	3.5
Dade	7,660	15	2.0
Dallas	17,626	44	2.5
Davies	8,435	12	1.4
DeKalb	11,336	11	1.0
Dent	14,467	62	4.3
Douglas	11,975	43	3.6
Dunklin	27,406	87	3.2
Franklin	105,879	268	2.5
Gasconade	14,768	24	1.6
Gentry	6,253	42	6.7

Counties	Population	Decrees	Rate
Greene	303,293	950	3.1
Grundy	9,838	32	3.3
Harrison	8,199	29	3.5
Henry	22,438	22	1.0
Hickory	8,630	32	3.7
Holt	4,262	15	3.5
Howard	10,168	21	2.1
Howell	40,631	146	3.6
Iron	9,414	28	3.0
Jackson	716,531	1,508	2.1
Jasper	124,075	476	3.8
Jefferson	229,336	533	2.3
Johnson	54,368	159	2.9
Knox	3,776	10	2.6
Laclede	36,313	117	3.2
Lafayette	32,961	75	2.3
Lawrence	38,683	99	2.6
Lewis	9,891	19	1.9
Lincoln	63,155	147	2.3
Linn	11,820	50	4.2
Livingston	14,402	52	3.6
Macon	15,049	36	2.4
Madison	12,753	50	3.9
Maries	8,431	4	0.5
Marion	28,438	92	3.2
McDonald	23,588	78	3.3
Mercer	3,437	4	1.2
Miller	25,403	86	3.4
Mississippi	11,688	38	3.3
Moniteau	15,220	43	2.8
Monroe	8,652	6	0.7
Montgomery	11,470	33	2.9
Morgan	21,785	49	2.2
New Madrid	15,695	53	3.4
Newton	60,011	185	3.1
Nodaway	20,670	54	2.6
Oregon	8,732	20	2.3
Osage	13,399	30	2.2
Ozark	8,940	33	3.7

Counties	Population	Decrees	Rate
Pemiscot	14,841	42	2.8
Perry	18,858	38	2.0
Pettis	43,353	168	3.9
Phelps	45,313	131	2.9
Pike	17,664	54	3.1
Platte	110,534	276	2.5
Polk	32,693	99	3.0
Pulaski	53,941	224	4.2
Putnam	4,666	14	3.0
Ralls	10,420	33	3.2
Randolph	24,622	100	4.1
Ray	23,107	54	2.3
Reynolds	6,006	17	2.8
Ripley	10,703	55	5.1
Saline	23,007	55	2.4
Schuyler	4,002	8	2.0
Scotland	4,643	15	3.2
Scott	37,840	145	3.8
Shannon	7,193	34	4.7
Shelby	5,982	18	3.0
St. Charles	413,803	1,224	3.0
St. Clair	9,576	41	4.3
St. Francois	66,969	270	4.0
St. Louis City	286,578	1,047	3.7
St. Louis County	990,414	1,542	1.6
Ste. Genevieve	18,644	26	1.4
Stoddard	28,377	109	3.8
Stone	32,136	89	2.8
Sullivan	5,840	27	4.6
Taney	56,821	178	3.1
Texas	25,336	73	2.9
Vernon	19,651	62	3.2
Warren	37,260	72	1.9
Washington	23,441	82	3.5
Wayne	10,792	34	3.2
Webster	40,335	112	2.8
Worth	1,955	14	7.2
Wright	19,156	71	3.7

Table 42B. Reported Dissolutions and Annulments by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2023

BRFSS Region	Population	Decrees Recorded	Rate
State Total	6,169,024	16,220	2.6
Northeast	245,423	724	3.0
Northwest	229,997	673	2.9
Central	731,867	2,039	2.8
Southeast	552,813	1,896	3.4
Southwest	971,775	2,934	3.0
St. Louis Region	2,149,084	4,912	2.3
Kansas City Region	1,288,065	3,042	2.4
Urban	4,125,585	10,155	2.5
Rural	2,043,439	6,065	3.0

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 2023 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: live birth records, death records, and fetal death records, each beginning in 1911; marriage and divorce records, beginning in 1949; and 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.

There is no interstate exchange of records for marriages, dissolutions, and annulments. Tables using these data files (Tables 31 through 42) report events that occurred in Missouri, by county of occurrence, regardless of the residence of the parties involved.

The data within this report represent the 2023 calendar year of events. Live births were accepted through February 22, 2024, death, fetal death, and abortion records through April 15, 2024, dissolutions and marriages through June 24, 2024.

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

POPULATION

All Missouri county and city population estimates for 2023 were developed by the United States Census Bureau (Vintage 2023) that adjust for 2020 Census data. Counts for all other 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. Cities in the over 25,000, 10,000 to 24,999 and 2,500-9,999 population categories in tables 16 and 17 were revised in 2021 based on the 2020 Census Counts.

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 2011-2019 came from the US Census Bureau (Vintage 2020). They have not been adjusted to the 2020 Census.

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, NCHS decided 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, 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 2023 Missouri resident data showed that 3.6 percent of births were to mothers of multiple races and 0.5 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.

Data is not available to show the effects of the changes in race and Hispanic classification on low birth weight rates for 2023 data because NCHS no longer produces pre-2010 single race data. However, these types of changes are shown in Appendix Table A of the 2010 to 2021 Missouri Vital Statistics Reports. Generally the number of white non-Hispanic and black non-Hispanic were reduced by 6 to 11 percent from the White and Black totals using the pre-2010 method, as the Hispanic births and births involving multiple race were removed in the 2010 method. The pre-2010 and 2010 low birth weight rates for white non-Hispanic vs White and black non-Hispanic vs Black rates were extremely close (all differing by less than 3 percent). The black to white ratios were slightly higher (averaging about 2 percent higher) using the 2010 method than the pre-2010 method.

Users of the MDHSS MOPHIMS/MICA query tools (<https://healthapps.dhss.mo.gov/MoPhims/MICAHome>) should note that the above changes are not reflected in the Birth and Death MICA queries for 2010-2021. 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.)

However, beginning with 2022 data, NCHS stopped providing this bridged race data, and MOPHIMS and MICA will begin using the same race definitions used in the Missouri Vital Statistics Reports.

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

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

GEOCODING

Beginning with 2008 data, MDHSS uses a computerized geocoding package (Address Broker) to improve the accuracy of residence address information on Missouri resident birth and death records

for the entire state. If the record’s address, including resident county, city, and zip code, matches well with available address data, the software overwrites the existing values on the record and also adds latitude, longitude, and Census tract. If no match is available or the best match is not accurate enough, address information is left as reported, and latitude, longitude, and Census tract are not added. From 2000 through 2007, only the following metropolitan counties were geocoded: Buchanan, Cass, Clay, Greene, Jackson, Jefferson, Platte, Ray, St. Charles, St. Louis County, and St. Louis City.

REGIONS

Beginning with the 2010 report, Missouri Regional Planning Commission areas were replaced with Behavioral Risk Factor Surveillance System (BRFSS) regions. This change was made to support and enhance MDHSS BRFSS survey data. More information on BRFSS, along with public access data, can be found at: <https://health.mo.gov/data/brfss/index.php>. A map of the BRFSS region boundaries is included in this report on page vi.

URBAN vs. RURAL COUNTIES

Tables displaying BRFSS region data also include urban and rural groupings. These groupings cut across BRFSS regions so that a subset of all BRFSS regions is not equivalent to the urban and rural groupings. In 2021 the urban and rural groupings changed from the Metro/Non-metro groupings used in previous reports to be more consistent with the Health in Rural Missouri Biennial Report produced by the Office of Rural Health and Primary Care found at [biennial2020.pdf \(mo.gov\)](#). That report defines a rural county as less than 150 people per square mile and does not contain any part of a central city in a Metropolitan Statistical Area. Another advantage of this definition is that counties are less likely to drop in and out of the defined areas from year to year. The urban counties are Boone, Buchanan, Cape Girardeau, Cass, Christian, Clay, Cole, Greene, Jackson, Jasper, Jefferson, Newton, Platte, St. Charles, St. Louis, as well as St. Louis City. The 99 other counties are defined as rural. A map of urban and rural regions is included in this report on page vi.

UNKNOWN AND IMPUTED DATA

Records of Missouri residents with unknown county of residence are included in the state totals of this publication. In general, state totals always include records with variables that have any unknown values. The number of 2023 records with unknown county of residence by system is as follows:

Live Births.....	0
Fetal Deaths	2
Deaths	1
Abortions	85

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, and 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** (Tables 18A, 26A) is a weighted average of age-specific death rates. Comparison of areas or time periods using crude death rates can often be misleading, since these rates are affected by the age composition of the population. For example, a county may have a high crude death rate simply because it has an older population. To control for differences in age composition, age-specific rates can be weighted (normalized) according to a standard population. Such a calculation produces an age-adjusted rate.

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

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

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

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 for estimating gestational age as recommended by NCHS (see https://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 substantially reduce the rate of births less than 37 weeks. 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 2013-2023.

Appendix Table A
Resident Rates per 100 Live Births for Four Gestational Age Indicators,
Obstetric Estimate vs. Date of Last Normal Menses (DLNM): Missouri 2013-2023

	Less than 37 Weeks		Weight Gain < 15 lbs		Weight Gain 45 + lbs		Inadequate Prenatal Care	
	Obstetric Estimate	DLNM	Obstetric Estimate	DLNM	Obstetric Estimate	DLNM	Obstetric Estimate	DLNM
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
2016	10.2	12.1	13.1	13.1	20.8	20.8	19.2	19.0
2018	10.7	12.5	14.1	14.0	21.0	21.0	21.0	20.8
2020	11.0	12.4	14.3	14.3	20.9	20.9	21.3	21.1
2022	11.3	12.7	16.5	16.5	20.0	20.0	20.6	20.5
2023	11.0	12.5	16.0	15.9	21.1	21.1	20.8	20.6

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. Many of these indicators are collected 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 did. 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

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.

Complication Report (table 12C) -- Report completed by physicians performing post-abortion care upon a woman.

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 reported smoking 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. 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. 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.

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.

In Tables 21 and 26, which list “Selected” causes of death, 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.

Starting in 2020, due to the worldwide pandemic, COVID-19 was added as a rankable cause and replaced Enterocolitis due to clostridium difficile in Tables 21 and 26.

Cause of Death Groupings Used in Tables 21 and 26.....ICD-10 Codes

*COVID-19	U07.1
*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

*Indicates NCHS rankable causes of death

The other 32 causes of death designated by NCHS as rankable causes but not included in this report are listed below. They are included, however, in the MOPHIMS Death MICA at <https://healthapps.dhss.mo.gov/MoPhims/MOPHIMSHome>

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
Enterocolitis due to Clostridium difficile.....	A04.7
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 in Table 27 are 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 total	V01-X59, Y85-Y86
Work total	“Injury at work?” checkbox = “Yes”
Heavy transport vehicle	V60-V69
Other motor vehicle	V02-V04, V09.0, V09.2, V12-V14, V190-V19.2, V19.4-V19.6, V20-V59, V70-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Other transport	Residual of V01-V99
Falls	W00-W19
Farm machinery	W30
Other machinery	W31
Struck by/against object	W20-W29, W35-W49
Electric current	W85-W87
Other/unspecified accident	W32-W34, W50-W84, W88-W99, X00-X59
Home total	W00-X59 with place of injury code of 0
Public non-transport total	W00-X59 with place of injury code not 0
Falls	W00-W19
Machinery	W30-W31
Firearms	W32-W34
Struck by/against object	W20-W29, W35-W49
Drowning	W65-W74
Choke/suffocate	W75-W77, W78-W80, W81-W84
Excess natural heat/cold	X30-X31
Fire/flame/smoke	X00-X09
Poisoning (drug/alcohol)	X40-X45
Poisoning (gas/other)	X46-X49
Other/unspecified accident	Residual of W00-X59
Public transport total	V01-V99
Car or truck	V40-V69, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Pedestrian/motor vehicle	V02-V04, V09.0, V09.2
Pedal cyclist	V12-V14, V19.0-V19.2, V19.4-V19.6
Motorcyclist	V20-V29
Railroad (not w/motor vehicle)	V05, V15, V80.6, V81.2-V81.9
Nonroad vehicle, including ATVs	V83-V86
Water transport	V90-V94
Air transport	V95-V97
Other/unspecified	Residual of V01-V99
Late effects of accidents	Y85-Y86

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 ‘Leading Causes of Death’ Community Data Profile available online at: <https://healthapps.dhss.mo.gov/MoPhims/ProfileBuilder?pc=10>.

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 an autopsy was 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 2023 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.

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 31-35 in 2016 (WITH SAME-SEX MARRIAGES)

In June 2015, the US Supreme Court ruled that same-sex couples had a right to marry, and Missouri began recording these marriages after this ruling. However, since the data was incomplete, we did not report this data in detail in 2015 (although the 726 reported same-sex marriages were included in the state totals). In 2016, data on same-sex marriages was reported in detail for the first time in Tables 31 and 33-35. Table 31 shows the number of marriages by month for male-female, female-female, and male-male marriages. In 2023 there are 176 marriages with unknown gender that are included in the state totals. Table 32 includes only male-female marriages because the same-sex numbers are too small to break out by specific age cross-tabulations. Tables 33-35 display marriages by gender by selected other variables.

NEW TABLES ON POST-ABORTION COMPLICATIONS (TABLE 12C)

In 2018, a new table was added entitled Post-Abortion Complication Report Results. Since 1980, Missouri statutes have allowed health care providers (hospitals, clinics, and physicians) to complete and submit “Complication Report for post-Abortion Care” forms after treating patients for complications following induced abortions. However, reporting from this form has been very sporadic through the years. In 2017, MDHSS revised the form and the regulations related to post-abortion complications in a major effort to improve our understanding of these procedures. Table 12C shows the results of this data for the 2023 calendar year. Data collected includes the type of complication, whether the original abortion procedure was surgical or medical, and whether the patient was hospitalized. In 2023, MDHSS received 69 complication reports representing 96 complications. The post-abortion care for all of the reported complications took place in Missouri, but most of the original abortions were performed in other states. The completeness of reporting is still uncertain, and other states do not exchange this type of data with MDHSS.

GRAPH D ON MISSOURI RESIDENT ABORTION TRENDS DROPPED

In 2023, a new abortion law in Illinois was implemented which excluded state of residence as a data variable for Illinois recorded abortions. From 2020 to 2022, Illinois abortions accounted for about two-thirds of Missouri estimated resident abortions. Therefore, without counts on Illinois abortions to Missouri residents, Graph D on Missouri resident abortion trends became rather meaningless, and thus was dropped from the Missouri Vital Statistics report beginning with 2023 data.

The resident abortion data in Tables 11-15 come from individual data reports. We receive those records from Missouri, Kansas, and a few other states. With the tremendous decrease in Missouri recorded abortions (only 37 in 2023) and several surrounding states also passing abortion bans, well over 95 percent of the Missouri reported resident abortions appearing in Tables 11-15 take place in Kansas and most occur to Missourians living in Western Missouri. These tables need to be interpreted with that in mind.