



Missouri

Vital Statistics

2022



MISSOURI DEPARTMENT OF
**HEALTH &
SENIOR SERVICES**

Health Care Analysis &
Data Dissemination

**MISSOURI
VITAL STATISTICS
2022**

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES

DIVISION FOR COMMUNITY AND PUBLIC HEALTH
BUREAU OF HEALTHCARE ANALYSIS AND DATA DISSEMINATION

P.O. BOX 570
JEFFERSON CITY, MO 65102-0570

BHCADD PUBLICATION NO. 4.70

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May 2024

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 2022. Live births were accepted through February 22, 2023, death, fetal death, and abortion records through April 15, 2023, dissolutions through June 27, 2023 and marriages through July 18, 2023.

Missouri Vital Statistics 2022 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.”

2022 saw a significant decrease in COVID deaths, decreasing by over 40%. It dropped from the third leading cause to the fourth overall cause, still contributing to 4,316 deaths. Total deaths decreased from 73,831 to 71,776, a 2.7% decrease. Live births also decreased for another consecutive year dropping to 68,954. There was a natural decrease (more deaths than births) for a third-consecutive year, but the decrease improved by nearly 40%. Life expectancy improved to 75.4 years. Tables showing specific causes of death have been modified so that the COVID-19 category could be added.

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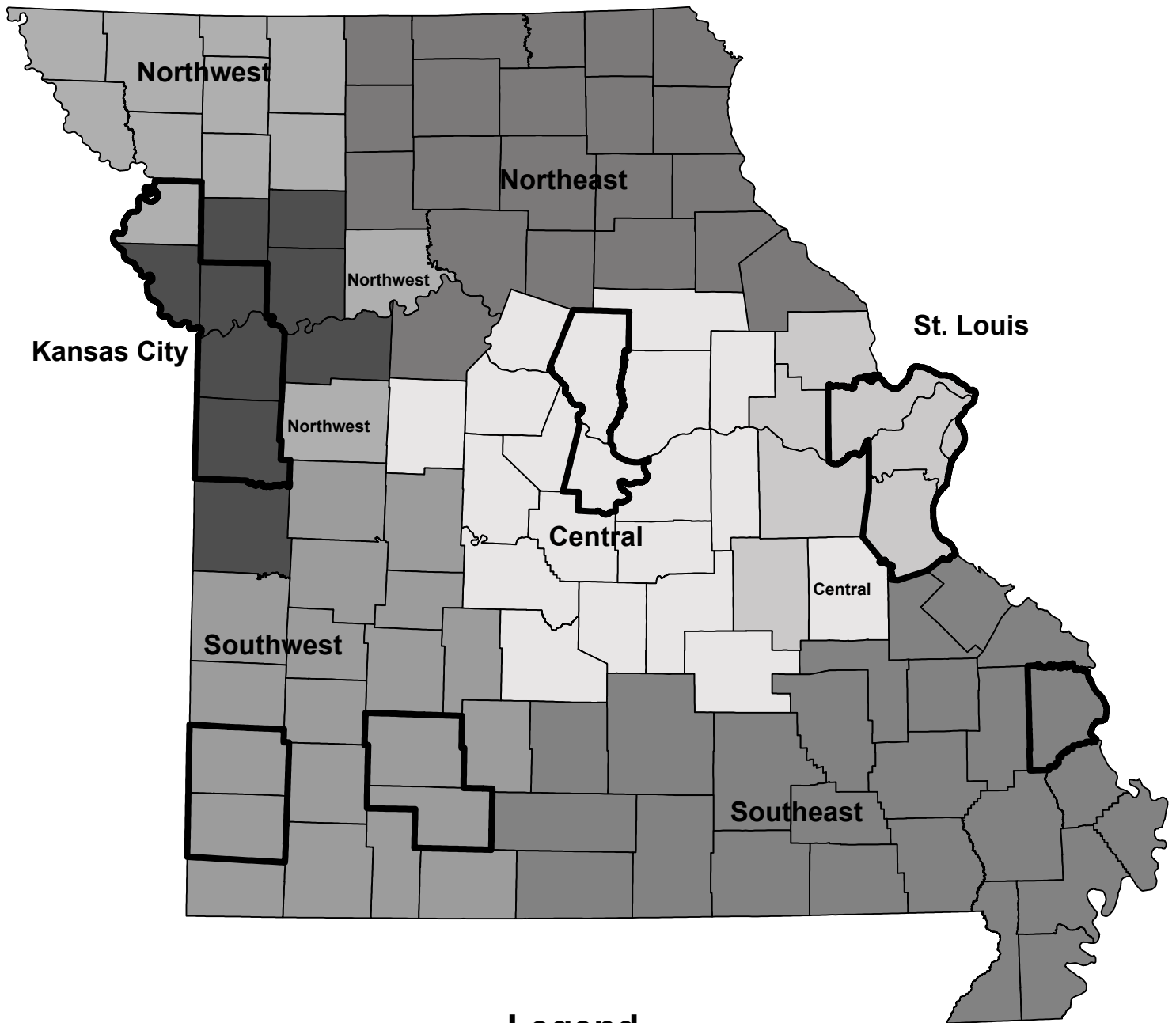
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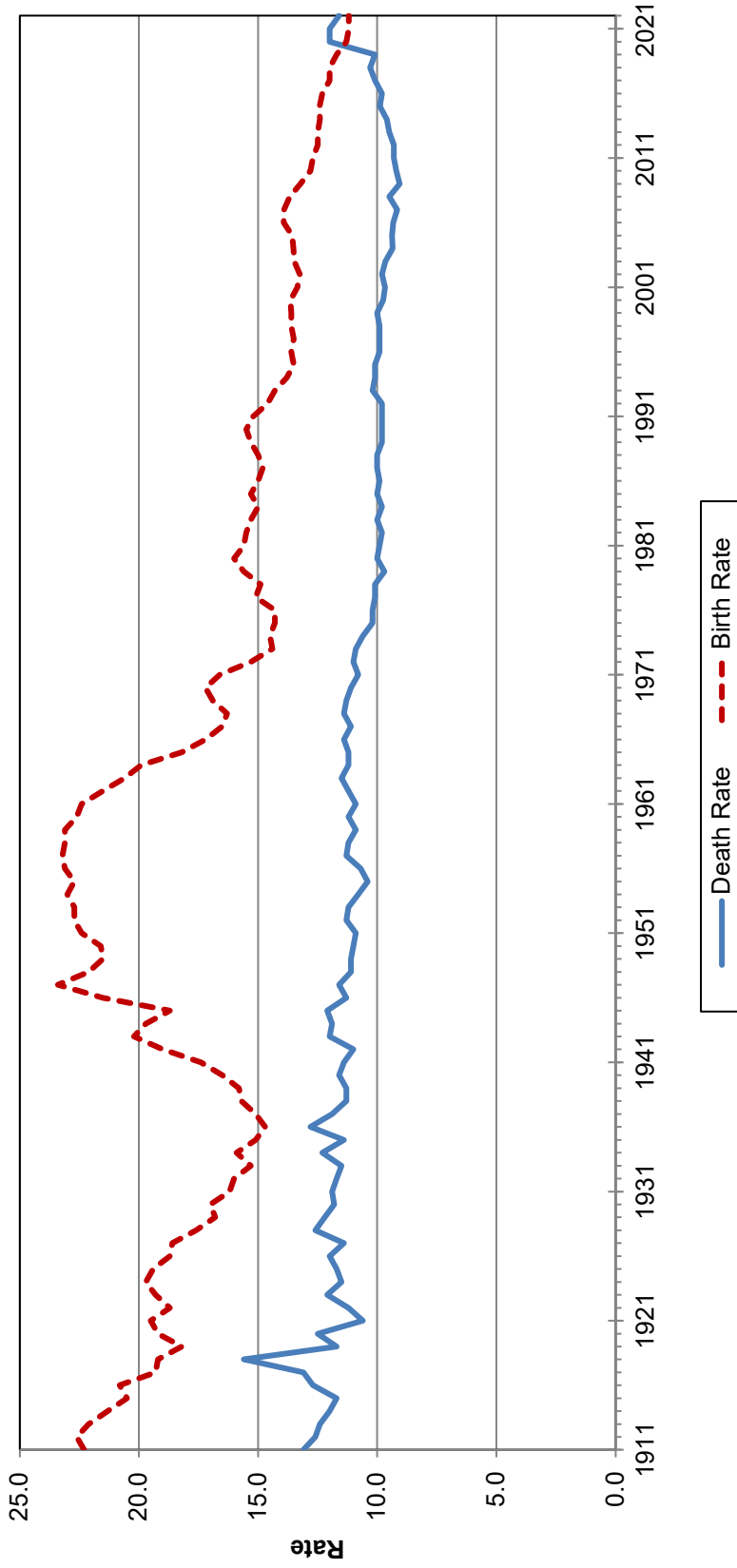
Behavioral Risk Factor Surveillance System (BRFSS) Regions



Legend



Graph A. Live Birth and Death Rates per 1,000 Population: Missouri, 1911-2022*



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
						2017	12.0	10.1
						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

*1911-1944 recorded events 1945-2022 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.

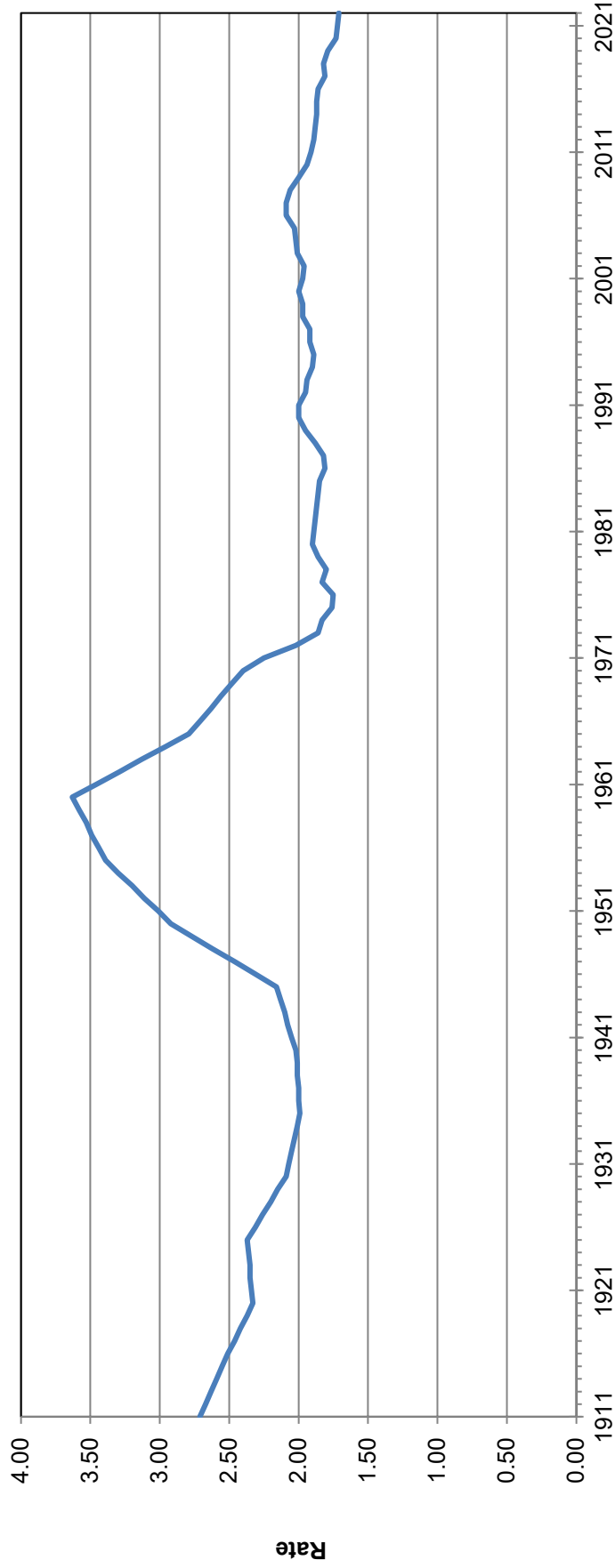
Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2022

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

Table 2. Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2022

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	6,178	69,390	11.2	73,938	12.0	68,954	11.2	71,776	11.6	-2,822			

Graph B. Total Fertility Rates: Missouri, 1911-2022

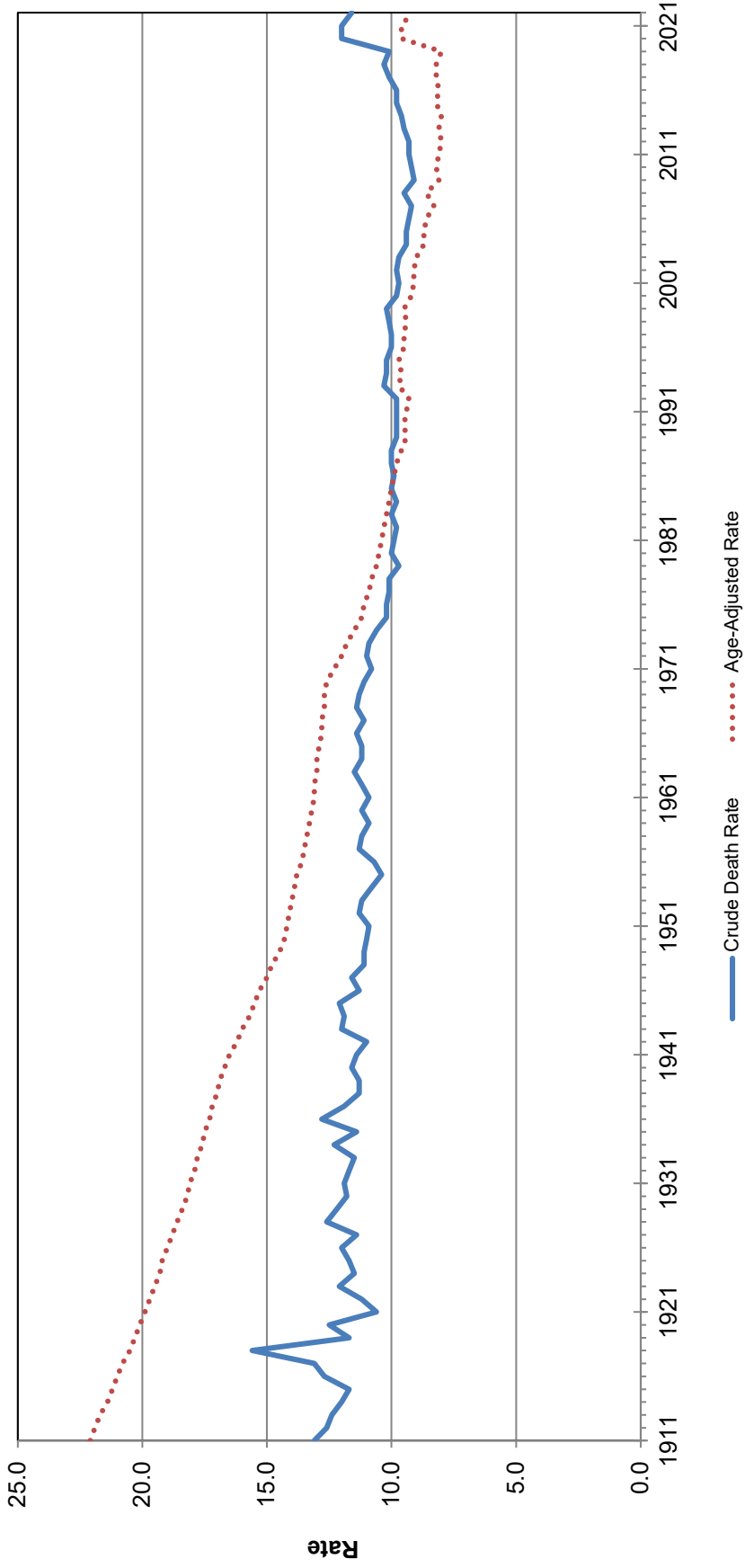


Year	Total Fertility Rate	Year	Total Fertility Rate	Year	Total Fertility Rate
1911	2.71	1945	2.16	1980	1.90
1915	2.55	1950	2.92	1985	1.85
1920	2.33	1955	3.39	1990	2.00
1925	2.37	1960	3.63	1995	1.89
1930	2.09	1965	2.79	2000	2.00
1935	1.99	1970	2.40	2005	2.03
1940	2.02	1975	1.76	2010	1.94
				2015	1.87
				2017	1.81
				2018	1.82
				2019	1.79
				2020	1.73
				2021	1.72
				2022	1.71

Table 3. Fertility Rates per 1,000 Females by Age of Mother: Missouri, 1911-2022

Year	General Fertility Rate	Age of Mother														
		Under 15	Total	15-19			20-24			25-29			30-34	35-39	40-44	45+
				15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+					
1911	93.3	0.4	48.8	---	---	---	---	134.2	133.5	109.6	77.7	33.5	3.8			
1915	88.8	0.3	50.4	---	---	---	---	136.4	126.2	97.5	67.7	27.7	3.2			
1920	80.6	0.4	49.6	---	---	---	---	129.3	113.3	85.0	59.6	25.0	3.0			
1925	81.1	0.4	56.7	---	---	---	---	129.5	120.2	83.8	57.7	22.5	2.4			
1930	71.1	0.5	54.1	---	---	---	---	115.5	103.6	79.8	46.7	18.3	2.0			
1935	68.0	0.5	52.5	---	---	---	---	116.0	96.9	69.3	43.6	16.8	1.6			
1940	69.1	0.4	54.5	---	---	---	---	123.6	104.8	69.8	37.1	13.2	1.4			
1945	73.2	0.5	50.2	---	---	---	---	121.7	114.2	81.4	47.5	14.9	1.2			
1950	98.6	0.9	82.6	---	---	---	---	189.5	153.4	95.2	48.1	14.0	1.0			
1955	112.3	0.8	95.3	---	---	---	---	229.0	174.2	106.9	55.7	15.2	1.0			
1960	118.1	0.9	99.0	---	---	---	---	254.4	187.5	110.5	56.5	16.5	1.0			
1965	93.0	0.9	75.1	---	---	---	---	188.7	146.5	87.1	45.0	13.5	0.8			
1970	85.6	1.1	71.8	---	---	---	---	163.3	137.2	67.7	30.1	8.8	0.5			
1975	65.9	1.3	60.0	41.1	89.0	110.1	106.6	110.1	106.6	51.1	18.8	4.6	0.2			
1980	70.6	1.2	57.5	35.6	88.0	121.9	116.9	121.9	116.9	60.5	18.3	3.7	0.2			
1985	66.4	1.2	52.4	30.5	83.8	115.9	113.0	115.9	113.0	63.4	19.7	3.2	0.2			
1990	67.9	1.2	62.7	39.2	92.9	118.9	117.3	118.9	117.3	70.5	25.3	4.1	0.1			
1995	61.0	1.1	55.1	32.3	91.2	108.3	108.9	108.3	108.9	72.4	27.6	4.5	0.2			
2000	63.3	0.7	48.6	26.7	80.4	115.2	115.4	115.2	115.4	82.9	31.4	5.8	0.4			
2005	65.8	0.5	41.6	20.6	73.4	110.1	123.4	110.1	123.4	87.0	36.3	6.4	0.3			
2006	68.2	0.5	44.0	22.4	77.0	114.4	124.8	114.4	124.8	89.3	37.1	6.6	0.4			
2007	68.8	0.5	44.0	21.2	78.7	115.1	124.6	115.1	124.6	90.0	36.7	6.5	0.4			
2008	68.4	0.5	43.5	21.3	75.8	111.3	122.1	111.3	122.1	90.4	36.5	6.8	0.4			
2009	66.8	0.4	40.6	19.4	70.4	107.5	117.5	107.5	117.5	89.9	36.3	6.7	0.3			
2010	65.2	0.4	37.0	17.0	65.0	100.0	116.6	100.0	116.6	90.2	36.0	7.2	0.4			
2011	64.7	0.3	34.5	15.8	61.1	96.3	115.1	96.3	115.1	91.1	37.4	7.3	0.3			
2012	64.3	0.4	32.2	13.9	58.9	93.3	115.1	93.3	115.1	91.4	37.8	7.5	0.4			
2013	64.1	0.2	30.0	12.6	55.9	90.4	116.6	90.4	116.6	92.5	39.0	7.0	0.4			
2014	64.0	0.3	27.2	11.7	50.7	88.9	115.6	88.9	115.6	94.8	39.7	7.5	0.4			
2015	64.0	0.2	25.1	10.4	47.8	87.6	115.4	87.6	115.4	96.6	41.3	7.1	0.4			
2016	63.8	0.2	23.4	9.4	44.9	85.4	113.9	85.4	113.9	97.8	42.7	8.1	0.4			
2017	62.4	0.1	22.5	8.6	43.6	82.3	109.9	82.3	109.9	96.7	42.6	8.1	0.5			
2018	62.5	0.2	21.6	8.6	41.0	82.1	110.3	82.1	110.3	97.7	42.8	8.8	0.5			
2019	61.3	0.2	20.3	7.6	39.2	79.5	108.7	79.5	108.7	97.2	43.0	8.4	0.5			
2020	58.6	0.2	18.0	7.3	33.2	74.4	107.3	74.4	107.3	94.0	41.8	8.7	0.4			
2021	58.2	0.2	17.0	6.6	32.6	69.4	108.0	69.4	108.0	96.3	43.9	8.7	0.5			
2022	57.7	0.2	16.8	6.7	32.9	68.4	107.7	68.4	107.7	95.5	44.9	8.6	0.1			

Graph C. Crude and Age-Adjusted Death Rates* per 1,000 Population: Missouri, 1911-2022



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
						2017	10.1	8.2
						2018	10.3	8.2
						2019	10.1	8.0
						2020	12.0	9.6
						2021	12.0	9.6
						2022	11.6	9.2

*United States 2000 population distribution used as the standard.

Table 4. Age-Specific Death Rates per 1,000 Population: Missouri, 1911-2022

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	9.6	5.7	0.3	0.2	1.1	2.1	3.0	5.3	11.8	24.3	58.8	165.7
2021	9.6	5.7	0.4	0.2	1.1	2.3	3.4	6.1	13.1	24.5	56.0	150.6
2022	9.2	6.5	0.4	0.2	1.1	2.0	3.1	5.4	12.3	23.1	54.0	151.0

*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, 2022

	All Races	White Non-Hisp	Black Non-Hisp	Other Non-Hisp*	Hispanic, Any Race
Total	68,954	49,729	9,197	4,670	5,213
Gender					
Male	35,169	25,319	4,739	2,410	2,630
Female	33,785	24,410	4,458	2,260	2,583
Attendant					
MD	50,126	35,100	7,582	3,464	3,878
DO	13,048	10,047	1,186	874	914
CNM/CM	4,055	3,047	354	286	363
CPM	904	806	28	28	34
Other Midwife	342	316	8	6	12
Other	479	413	39	12	12
Birthplace					
Hospital	66,739	47,777	9,094	4,602	5,136
Birthing Center	197	144	22	15	15
Clinic	318	304	0	3	9
Home Residence	1,420	1,253	67	44	47
...Planned	1,292	1,172	36	36	40
...Unplanned	116	74	29	7	6
Other	280	251	14	6	6
Month of Birth					
January	5,443	3,893	770	379	390
February	5,041	3,641	682	342	367
March	5,779	4,210	769	356	429
April	5,443	3,933	740	374	387
May	5,557	4,007	746	377	417
June	5,939	4,289	787	417	432
July	6,156	4,380	813	446	500
August	6,398	4,692	800	412	474
September	5,954	4,281	813	399	455
October	5,728	4,158	729	395	432
November	5,579	3,956	769	383	461
December	5,937	4,289	779	390	469
Number Born					
Singleton	66,521	48,072	8,689	4,555	5,062
Twin	2,382	1,624	493	112	151
Triplet	47	29	15	3	0
Quadruplet or More	4	4	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	46,954	34,225	5,646	3,222	3,772
One	14,094	10,010	2,116	962	971
Two or More	7,654	5,326	1,392	465	456
Unknown	252	168	43	21	14
Maternal Smoking					
Non-smoker	60,764	43,428	8,193	4,179	4,876
3 Months Prior	6,977	5,608	707	390	257
During Pregnancy	5,424	4,376	565	291	178
...First Trimester	5,262	4,247	546	281	174
...Second Trimester	4,485	3,667	440	231	133
...Last 3 Months	4,202	3,452	400	215	123
...Smoked Pack per Day	898	768	72	38	19
...Quit Smoking	1,203	909	163	75	54
Status Unknown	1,101	613	280	91	75
Full-Term Singleton Maternal Weight Gain					
Less than 15 Pounds	9,639	6,229	1,771	738	885
15 to 24 Pounds	10,296	7,326	1,283	769	903
25 to 34 Pounds	14,806	11,227	1,497	966	1,095
35 to 44 Pounds	11,919	9,148	1,205	777	774
45 or More Pounds	11,643	8,796	1,440	689	697
Unknown	1,978	1,183	366	164	233
Maternal Weight Status Before Pregnancy					
Underweight	2,030	1,468	281	171	107
Normal	25,998	19,620	2,728	1,923	1,688
Overweight	17,084	12,324	2,107	1,173	1,455
Obese	22,155	15,472	3,719	1,243	1,694
Principal Payment Source					
Medicaid	26,651	15,421	6,042	2,027	3,084
Private Insurance	36,983	30,211	2,728	2,307	1,697
Self-pay	3,011	2,446	142	142	261
Other	1,209	893	108	95	113
Unknown	1,100	758	177	99	58

Table 5B. Resident Live Births by Selected Obstetric, Pediatric, and Maternal Conditions and Procedures: Missouri, 2022

	Number	Percent
<u>Live Births</u>	68,954	100.0
<u>Pregnancy Risk Factors</u>	25,693	37.3
...Pregnancy Diabetes	879	1.3
...Gestational Diabetes	5,752	8.3
...Insulin-dependent Diabetes	1,321	1.9
...Pregnancy Hypertension	2,655	3.9
...Gestational Hypertension	7,743	11.2
...Eclampsia	495	0.7
...Preterm Births	3,430	5.0
...Other Poor Pregnancy Outcomes	1,842	2.7
...Infertility Treatment	1,449	2.1
...Previous Cesarean Delivery	9,660	14.0
<u>Infections</u>	2,317	3.4
...Gonorrhea	331	0.5
...Syphilis	285	0.4
...Chlamydia	1,432	2.1
...Hepatitis B	100	0.1
...Hepatitis C	407	0.6
...HIV	41	0.1
<u>Obstetric Procedures</u>	840	1.2
...Cervical Cerclage	250	0.4
...Tocolysis	296	0.4
...External Cephalic Version	319	0.5
...Successful*	151	47.3
<u>Onset of Labor</u>	8,395	12.2
...Premature Membrane Rupture	2,624	3.8
...Precipitous Labor	4,516	6.5
...Prolonged Labor	1,619	2.3

	Number	Percent
<u>Characteristics of Labor</u>	61,871	89.7
...Induction of Labor	29,296	42.5
...Augmentation of Labor	15,522	22.5
...Non-vertex Presentation	1,553	2.3
...Steroids for Lung Maturation	3,147	4.6
...Antibiotics for Mother	20,328	29.5
...Clinical Chorioamnionitis	715	1.0
...Meconium Staining	2,828	4.1
...Fetal Intolerance of Labor	4,204	6.1
...Epidural Given	54,696	79.3
<u>Final Delivery Route and Method</u>		
...Vaginal/Spontaneous	46,243	67.1
...Vaginal/Forceps	308	0.4
...Vaginal/Vacuum	1,398	2.0
...Cesarean	20,944	30.4
...Vaginal Trial Prior to Cesarean**	6,592	31.5
...Attempted Forceps (unsuccessful)	208	0.3
...Attempted Vacuum (unsuccessful)	501	0.7
...Vaginal After Previous Cesarean (VBAC)***	1,668	17.3
<u>Fetal Presentation:</u>		
...Cephalic	65,018	94.3
...Breech	3,040	4.4
...Other	331	0.5

	Number	Percent
<u>Abnormal Conditions of Newborn</u>	10,242	14.9
...Assisted Ventilation, Immediate	6,410	9.3
...Assisted Ventilation, Long-term	2,079	3.0
...NICU Admission	6,995	10.1
...Surfactant Therapy	516	0.7
...Antibiotics for Suspected Sepsis	1,330	1.9
...Seizures or Neurological Problems	45	0.1
...Birth Injury	38	0.1
<u>Congenital Anomalies</u>	287	0.4
...Anencephaly	9	0.0
...Spina Bifida	16	0.0
...Cyanotic Heart Disease	32	0.0
...Diaphragmatic Hernia	16	0.0
...Omphalocele	11	0.0
...Gastrochisis	15	0.0
...Limb Reduction	13	0.0
...Cleft Lip (with or without Cleft Palate)	47	0.1
...Cleft Palate (alone)	18	0.0
...Down Syndrome	42	0.1
...Other Chromosomal	32	0.0
...Hypospadias	53	0.1
<u>Maternal Morbidity</u>	1,151	1.7
...Maternal Transfusion	352	0.5
...Perineal Laceration (3rd or 4th degree)	558	0.8
...Ruptured Uterus	29	0.0
...Unplanned Hysterectomy	34	0.0
...Admission to ICU	132	0.2
...Unplanned OR Procedure	220	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, 2022

	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	68,954	25,969	21,363	11,905	5,412	4,305	27,037	11,500	7,402	4,296	2,159	1,680
Under 15	40	38	2	0	0	0	40	38	2	0	0	0
15-17	793	742	46	3	1	1	774	725	44	3	1	1
18-19	2,476	2,063	370	35	4	4	2,190	1,834	321	29	4	2
20-24	14,225	7,721	4,494	1,495	404	111	9,194	5,092	2,835	934	260	73
25-29	21,044	8,017	6,802	3,759	1,584	882	7,472	2,313	2,348	1,590	764	457
30-34	19,695	5,313	6,588	4,187	1,995	1,612	4,747	967	1,269	1,166	710	635
35-39	8,912	1,753	2,634	2,055	1,172	1,298	2,146	420	495	478	351	402
40-44	1,657	293	400	357	236	371	444	101	82	93	63	105
45 and Over	95	25	23	9	14	24	22	7	5	0	5	5
Unknown	17	4	4	5	2	2	8	3	1	3	1	0
White, Non-Hispanic	49,729	19,120	15,895	8,456	3,579	2,679	15,468	7,050	4,310	2,322	1,054	732
Under 15	17	16	1	0	0	0	17	16	1	0	0	0
15-17	412	388	20	2	1	1	397	374	19	2	1	1
18-19	1,553	1,327	203	19	2	2	1,330	1,139	172	16	2	1
20-24	9,743	5,394	3,066	986	239	58	5,547	3,178	1,688	525	129	27
25-29	15,557	6,268	5,141	2,605	1,012	531	4,184	1,388	1,364	855	371	206
30-34	14,775	4,173	5,187	3,080	1,350	985	2,538	604	713	614	334	273
35-39	6,479	1,327	1,986	1,510	823	833	1,199	273	301	261	186	178
40-44	1,124	209	272	244	144	255	238	71	48	48	27	44
45 and Over	58	16	15	7	7	13	13	5	3	0	3	2
Unknown	11	2	4	3	1	1	5	2	1	1	1	0
Black, Non-Hispanic	9,197	2,993	2,470	1,762	1,015	957	6,934	2,453	1,847	1,247	735	652
Under 15	12	11	1	0	0	0	12	11	1	0	0	0
15-17	189	174	14	1	0	0	189	174	14	1	0	0
18-19	463	363	86	11	2	1	457	359	85	10	2	1
20-24	2,223	1,137	699	259	95	33	2,038	1,059	631	233	86	29
25-29	2,671	700	804	598	332	237	2,070	527	615	464	271	193
30-34	2,291	397	584	567	373	370	1,460	219	363	367	259	252
35-39	1,092	168	237	275	161	251	581	83	121	144	94	139
40-44	236	40	40	50	48	58	121	19	15	28	22	37
45 and Over	20	3	5	1	4	7	6	2	2	0	1	1

Table 7. Teen-Age Resident Live Births by Race and Age of Mother by Marital Status and Live Birth Order with Percentages: Missouri, 2022

	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	3,309	2,843	418	48	3,004	2,597	367	40	90.8	91.3	87.8	83.3
	10	0	0	0	0	0	0	0	0	---	---	---	---
	11	0	0	0	0	0	0	0	0	---	---	---	---
	12	0	0	0	0	0	0	0	0	---	---	---	---
	13	11	10	1	0	11	10	1	0	100.0	100.0	100.0	---
	14	29	28	1	0	29	28	1	0	100.0	100.0	100.0	---
	15	94	93	1	0	94	93	1	0	100.0	100.0	100.0	---
	16	234	225	5	4	229	220	5	4	97.9	97.8	100.0	100.0
	17	465	424	40	1	451	412	38	1	97.0	97.2	95.0	100.0
	18	917	811	102	4	842	747	92	3	91.8	92.1	90.2	75.0
	19	1,559	1,252	268	39	1,348	1,087	229	32	86.5	86.8	85.4	82.1
White, Non-Hispanic	All Ages	1,982	1,731	224	27	1,744	1,529	192	23	88.0	88.3	85.7	85.2
	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	6	6	0	0	6	6	0	0	100.0	100.0	---	---
	14	11	10	1	0	11	10	1	0	100.0	100.0	100.0	---
	15	37	36	1	0	37	36	1	0	100.0	100.0	100.0	---
	16	131	127	1	3	126	122	1	3	96.2	96.1	100.0	100.0
	17	244	225	18	1	234	216	17	1	95.9	96.0	94.4	100.0
	18	553	503	49	1	491	449	42	0	88.8	89.3	85.7	0.0
	19	1,000	824	154	22	839	690	130	19	83.9	83.7	84.4	86.4
Black, Non-Hispanic	All Ages	664	548	101	15	658	544	100	14	99.1	99.3	99.0	93.3
	10	0	0	0	0	0	0	0	0	---	---	---	---
	11	0	0	0	0	0	0	0	0	---	---	---	---
	12	0	0	0	0	0	0	0	0	---	---	---	---
	13	3	2	1	0	3	2	1	0	100.0	100.0	100.0	---
	14	9	9	0	0	9	9	0	0	100.0	100.0	---	---
	15	31	31	0	0	31	31	0	0	100.0	100.0	---	---
	16	46	42	3	1	46	42	3	1	100.0	100.0	100.0	100.0
	17	112	101	11	0	112	101	11	0	100.0	100.0	100.0	---
	18	180	148	30	2	179	147	30	2	99.4	99.3	100.0	100.0
	19	283	215	56	12	278	212	55	11	98.2	98.6	98.2	91.7

Table 8. Percent Resident Low Birth Weight and Resident Live Births by Birth Weight by Race and Age of Mother: Missouri, 2022

	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	9.1	68,954	117	352	541	1,253	4,040	13,239	26,290	17,983	4,511	613	15			
Under 15	12.5	40	0	1	1	1	2	11	18	6	0	0	0			
15-17	13.5	793	3	5	10	23	66	209	303	136	33	5	0			
18-19	11.1	2,476	7	16	26	44	182	624	1,012	490	71	4	0			
20-24	9.8	14,225	25	80	108	260	921	3,069	5,609	3,331	744	74	4			
25-29	8.3	21,044	26	96	149	357	1,127	3,920	8,087	5,704	1,401	171	6			
30-34	8.6	19,695	35	94	147	323	1,085	3,432	7,452	5,453	1,451	220	3			
35-39	9.6	8,912	14	43	77	185	538	1,632	3,190	2,425	696	110	2			
40 and Over	12.9	1,752	7	17	23	60	119	337	615	433	114	27	0			
White,	7.8	49,729	54	186	336	766	2,529	8,412	18,989	14,197	3,741	508	11			
Non-Hispanic	0.0	17	0	0	0	0	0	5	7	5	0	0	0			
Under 15	12.4	412	1	3	5	14	28	92	158	85	22	4	0			
15-17	9.3	1,553	1	8	16	20	99	359	642	354	53	1	0			
18-19	8.5	9,743	10	43	64	154	559	1,851	3,869	2,512	622	56	3			
20-24	7.1	15,557	11	50	92	229	729	2,581	5,997	4,560	1,156	147	5			
25-29	7.1	14,775	18	49	95	207	686	2,269	5,574	4,456	1,233	187	1			
30-34	8.4	6,479	8	22	50	110	357	1,046	2,320	1,908	569	87	2			
35-39	11.3	1,182	5	11	14	32	71	205	419	315	86	24	0			
40 and Over	16.5	9,197	40	112	135	308	925	2,712	3,312	1,376	230	46	1			
Black,	33.3	12	0	1	1	1	1	4	4	0	0	0	0			
Non-Hispanic	13.2	189	1	2	2	4	16	69	75	16	3	1	0			
Under 15	17.9	463	4	5	6	15	53	138	183	52	6	1	0			
15-17	15.7	2,223	8	26	24	68	222	716	809	307	33	10	0			
18-19	16.3	2,671	13	35	41	92	255	759	966	424	76	9	1			
20-24	16.8	2,291	8	27	37	69	245	640	831	354	64	16	0			
25-29	16.4	1,092	5	12	18	43	101	311	377	179	37	9	0			
30-34	23.0	256	1	4	6	16	32	75	67	44	11	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, 2022**

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
State Total	68,954	49,729	9,197	27,037	15,468	6,934	39.2	31.1	75.4
Adair	282	227	37	108	85	14	38.3	37.4	37.8
Andrew	159	147	1	60	53	0	37.7	36.1	0.0
Atchison	52	50	0	17	16	0	32.7	32.0	---
Audrain	268	232	15	100	74	13	37.3	31.9	86.7
Barry	413	317	2	154	108	1	37.3	34.1	50.0
Barton	141	129	0	42	37	0	29.8	28.7	---
Bates	176	167	0	67	61	0	38.1	36.5	---
Benton	171	159	1	67	60	1	39.2	37.7	100.0
Bollinger	134	130	1	47	47	0	35.1	36.2	0.0
Boone	2,008	1,408	283	660	342	192	32.9	24.3	67.8
Buchanan	989	726	49	532	364	36	53.8	50.1	73.5
Butler	475	408	31	261	205	29	54.9	50.2	93.5
Caldwell	107	99	0	39	35	0	36.4	35.4	---
Callaway	475	424	16	217	180	13	45.7	42.5	81.3
Camden	379	337	3	155	140	0	40.9	41.5	0.0
Cape Girardeau	927	710	124	372	231	98	40.1	32.5	79.0
Carroll	81	78	0	32	30	0	39.5	38.5	---
Carter	75	72	1	33	32	1	44.0	44.4	100.0
Cass	1,145	933	72	373	274	43	32.6	29.4	59.7
Cedar	224	211	1	66	59	0	29.5	28.0	0.0
Chariton	71	67	1	31	29	1	43.7	43.3	100.0
Christian	1,028	926	6	256	227	1	24.9	24.5	16.7
Clark	76	75	0	33	33	0	43.4	44.0	---
Clay	2,996	2,182	298	925	557	154	30.9	25.5	51.7
Clinton	238	226	1	96	90	1	40.3	39.8	100.0
Cole	789	598	92	305	189	66	38.7	31.6	71.7
Cooper	170	154	4	49	39	2	28.8	25.3	50.0
Crawford	242	226	0	104	95	0	43.0	42.0	---
Dade	64	60	0	26	24	0	40.6	40.0	---
Dallas	201	181	0	61	51	0	30.3	28.2	---
Davies	127	126	0	31	31	0	24.4	24.6	---
Dekalb	104	97	0	49	44	0	47.1	45.4	---
Dent	156	146	1	67	61	1	42.9	41.8	100.0
Douglas	143	134	0	43	39	0	30.1	29.1	---

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, 2022

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	329	233	43	202	128	39	61.4	54.9	90.7						
Franklin	1,119	1,050	10	371	327	10	33.2	31.1	100.0						
Gasconade	138	131	0	42	39	0	30.4	29.8	---						
Gentry	81	74	0	30	26	0	37.0	35.1	---						
Greene	3,275	2,659	132	1,289	978	89	39.4	36.8	67.4						
Grundy	142	133	1	50	46	1	35.2	34.6	100.0						
Harrison	82	75	0	23	20	0	28.0	26.7	---						
Henry	238	216	3	101	89	2	42.4	41.2	66.7						
Hickory	75	72	0	18	17	0	24.0	23.6	---						
Holt	41	40	0	11	11	0	26.8	27.5	---						
Howard	108	97	4	49	40	4	45.4	41.2	100.0						
Howell	445	410	2	189	177	0	42.5	43.2	0.0						
Iron	84	81	1	39	38	0	46.4	46.9	0.0						
Jackson	8,558	4,281	2,113	4,139	1,261	1,622	48.4	29.5	76.8						
Jasper	1,609	1,190	31	727	475	22	45.2	39.9	71.0						
Jefferson	2,326	2,114	39	836	743	19	35.9	35.1	48.7						
Johnson	715	574	27	185	146	9	25.9	25.4	33.3						
Knox	50	48	0	12	10	0	24.0	20.8	---						
Laclede	455	417	5	188	176	3	41.3	42.2	60.0						
Lafayette	377	330	7	153	126	6	40.6	38.2	85.7						
Lawrence	509	437	1	201	161	0	39.5	36.8	0.0						
Lewis	86	80	2	32	28	2	37.2	35.0	100.0						
Lincoln	852	800	5	284	255	5	33.3	31.9	100.0						
Linn	131	124	0	56	51	0	42.7	41.1	---						
Livingston	153	147	1	60	59	0	39.2	40.1	0.0						
Macon	179	175	0	61	60	0	34.1	34.3	---						
Madison	122	120	0	44	44	0	36.1	36.7	---						
Maries	99	96	0	28	27	0	28.3	28.1	---						
Marion	320	283	18	125	98	15	39.1	34.6	83.3						
McDonald	317	199	6	149	86	0	47.0	43.2	0.0						
Mercer	59	51	1	14	12	1	23.7	23.5	100.0						
Miller	295	268	3	121	111	0	41.0	41.4	0.0						
Mississippi	152	102	39	92	47	35	60.5	46.1	89.7						
Moniteau	212	188	1	56	47	1	26.4	25.0	100.0						
Monroe	97	91	1	36	33	1	37.1	36.3	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, 2022**

Counties	All Live Births				Out-of-Wedlock Births				Percent Out-of-Wedlock						
	All Races	White, Non-Hispanic		Black, Non-Hispanic		All Races	White, Non-Hispanic		Black, Non-Hispanic		All Races	White, Non-Hispanic		Black, Non-Hispanic	
Montgomery	112	106	1	40	37	0	35.7	34.9	0.0						
Morgan	266	251	0	67	60	0	25.2	23.9	---						
New Madrid	176	124	35	98	59	29	55.7	47.6	82.9						
Newton	708	515	11	277	179	5	39.1	34.8	45.5						
Nodaway	197	187	1	63	59	1	32.0	31.6	100.0						
Oregon	99	96	0	31	31	0	31.3	32.3	---						
Osage	167	163	0	34	33	0	20.4	20.2	---						
Ozark	77	72	0	29	28	0	37.7	38.9	---						
Pemiscot	197	106	73	145	64	69	73.6	60.4	94.5						
Perry	190	170	0	78	65	0	41.1	38.2	---						
Pettis	551	420	12	246	168	11	44.6	40.0	91.7						
Phelps	443	379	9	180	158	6	40.6	41.7	66.7						
Pike	186	170	5	79	70	5	42.5	41.2	100.0						
Platte	1,167	814	155	335	181	68	28.7	22.2	43.9						
Polk	373	344	3	114	103	0	30.6	29.9	0.0						
Pulaski	689	489	58	195	152	18	28.3	31.1	31.0						
Putnam	67	65	0	14	13	0	20.9	20.0	---						
Ralls	99	95	2	40	37	1	40.4	38.9	50.0						
Randolph	288	269	5	141	129	5	49.0	48.0	100.0						
Ray	241	221	1	86	76	1	35.7	34.4	100.0						
Reynolds	66	62	1	30	28	0	45.5	45.2	0.0						
Ripley	127	121	0	60	57	0	47.2	47.1	---						
Saline	249	185	9	133	85	8	53.4	45.9	88.9						
Schuyler	63	63	0	18	18	0	28.6	28.6	---						
Scotland	81	79	0	7	5	0	8.6	6.3	---						
Scott	464	346	89	242	152	75	52.2	43.9	84.3						
Shannon	97	92	0	37	37	0	38.1	40.2	---						
Shelby	66	64	0	19	18	0	28.8	28.1	---						
St. Charles	4,252	3,352	274	999	670	139	23.5	20.0	50.7						
St. Clair	116	108	0	37	34	0	31.9	31.5	---						
St. Francois	651	612	6	289	273	4	44.4	44.6	66.7						
St. Louis City	3,344	1,215	1,557	1,862	288	1,300	55.7	23.7	83.5						
St. Louis County	10,475	5,473	3,319	4,137	943	2,615	39.5	17.2	78.8						
Ste. Genevieve	178	164	0	60	56	0	33.7	34.1	---						
Stoddard	334	308	7	155	138	5	46.4	44.8	71.4						

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, 2022

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	269	245	0	110	98	0	40.9	40.0	---
Sullivan	74	53	3	30	17	3	40.5	32.1	100.0
Taney	598	489	12	243	193	7	40.6	39.5	58.3
Texas	260	240	1	89	81	1	34.2	33.8	100.0
Vernon	224	212	1	116	111	0	51.8	52.4	0.0
Warren	464	413	7	158	138	3	34.1	33.4	42.9
Washington	265	250	2	142	132	1	53.6	52.8	50.0
Wayne	129	124	2	45	41	1	34.9	33.1	50.0
Webster	617	588	0	134	123	0	21.7	20.9	---
Worth	24	23	0	13	12	0	54.2	52.2	---
Wright	258	244	0	89	84	0	34.5	34.4	---

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	611	450	18	303	205	14	49.6	45.6	77.8
...Jasper Co. Part	549	405	18	277	190	14	50.5	46.9	77.8
...Newton Co. Part	62	45	0	26	15	0	41.9	33.3	---
Kansas City	6,592	2,954	1,867	3,142	766	1,390	47.7	25.9	74.5
...Jackson Co. Part	4,177	1,377	1,522	2,383	375	1,226	57.1	27.2	80.6
...Clay Co. Part	1,792	1,210	224	564	309	111	31.5	25.5	49.6
...Platte Co. Part	623	367	121	195	82	53	31.3	22.3	43.8
...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, 2022

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
		256	8		32	21		5	10.3
Ballwin	311	256	8	32	21	5	10.3	8.2	62.5
Blue Springs	639	491	52	191	121	29	29.9	24.6	55.8
Cape Girardeau	443	272	111	226	105	91	51.0	38.6	82.0
Chesterfield	393	257	15	43	21	8	10.9	8.2	53.3
Columbia	1,322	847	228	445	197	153	33.7	23.3	67.1
Florissant	628	165	390	404	60	307	64.3	36.4	78.7
Gladstone	308	188	47	133	62	27	43.2	33.0	57.4
Grandview	366	152	111	176	45	74	48.1	29.6	66.7
Hazelwood	298	85	178	180	32	130	60.4	37.6	73.0
Independence	1,369	779	196	796	391	151	58.1	50.2	77.0
Jefferson City	426	294	68	194	107	54	45.5	36.4	79.4
Kirkwood	292	245	16	35	20	10	12.0	8.2	62.5
Lee's Summit	995	767	106	217	127	52	21.8	16.6	49.1
Liberty	302	258	10	66	53	6	21.9	20.5	60.0
Maryland Heights	407	170	92	128	46	60	31.4	27.1	65.2
O'Fallon	937	734	43	231	164	24	24.7	22.3	55.8
Raytown	301	118	109	161	43	80	53.5	36.4	73.4
St. Charles	702	507	64	204	122	32	29.1	24.1	50.0
St. Joseph	880	626	48	491	329	35	55.8	52.6	72.9
St. Louis City	3,344	1,215	1,557	1,862	288	1,300	55.7	23.7	83.5
St. Peters	547	429	37	140	98	17	25.6	22.8	45.9
Springfield	1,860	1,429	106	935	686	79	50.3	48.0	74.5
University City	413	229	118	130	21	89	31.5	9.2	75.4
Wentzville	588	497	41	112	74	26	19.0	14.9	63.4
Wildwood	253	218	5	18	17	1	7.1	7.8	20.0

Table 10A. Resident Live Births by Selected Characteristics by Race and Hispanic Origin of Mother: Missouri, 2022

	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	68,954	100.0	49,729	100.0	9,197	100.0	4,670	100.0	5,213	100.0
Birth Weight: Under 2500 Grams	6,303	9.1	3,871	7.8	1,520	16.5	463	9.9	429	8.2
Birth Weight: Above 4499 Grams	613	0.9	508	1.0	46	0.5	25	0.5	30	0.6
Gestational Age: Less than 37 Weeks	7,779	11.3	5,228	10.5	1,428	15.6	532	11.4	569	10.9
APGAR (5 Minutes): Less than 8	4,307	6.3	3,041	6.1	742	8.1	242	5.2	271	5.2
Infant Care: NICU Admission	6,995	10.1	4,743	9.5	1,272	13.8	474	10.1	478	9.2
Infant Care: Transfer to Other Facility	1,352	2.0	836	1.7	338	3.7	84	1.8	90	1.7
Place of Birth: At-Home Delivery	1,420	2.1	1,253	2.5	67	0.7	44	0.9	47	0.9
Method of Delivery: Cesarean	20,944	30.4	14,905	30.0	3,063	33.3	1,461	31.3	1,468	28.2
Infant Care: Breastfed After Delivery	55,436	81.8	41,045	83.9	6,377	70.5	3,775	82.6	4,152	81.2
Maternal Smoking: During Pregnancy	5,424	8.0	4,376	8.9	565	6.3	291	6.4	178	3.5
...Quit Smoking During Pregnancy	1,203	22.2	909	20.8	163	28.8	75	25.8	54	30.3
Mat. Weight: Underweight (BMI < 18.5)	2,030	3.0	1,468	3.0	281	3.2	171	3.8	107	2.2
Mat. Weight: Obese (BMI >= 30)	22,155	32.9	15,472	31.7	3,719	42.1	1,243	27.6	1,694	34.3
Mat. Sing. Wt. Gain: Low (< 15 lbs)	9,639	16.5	6,229	14.6	1,771	24.6	738	18.7	885	20.3
Mat. Sing. Wt. Gain: High (> 45 lbs)	11,643	20.0	8,796	20.6	1,440	20.0	689	17.5	697	16.0
Mother's Education: Under 12 Yrs.	7,681	11.2	4,552	9.2	1,132	12.4	634	13.6	1,348	26.0
Marital Status: Out-of-Wedlock	27,037	39.2	15,468	31.1	6,934	75.4	1,804	38.6	2,748	52.7
Live Birth Order: 4 or More	9,717	14.1	6,258	12.6	1,972	21.5	636	13.6	821	15.8
Birth Spacing: Less than 18 Months	5,069	12.5	3,485	12.0	868	15.1	336	12.9	368	12.0
Prenatal Care: 1st Trimester	47,700	70.9	36,734	75.5	5,085	57.4	2,865	63.0	2,948	58.2
Prenatal Care: 2nd Trimester	14,542	21.6	9,353	19.2	2,624	29.6	1,168	25.7	1,361	26.9
Prenatal Care: 3rd Trimester	3,518	5.2	1,910	3.9	777	8.8	354	7.8	464	9.2
Prenatal Care: None	1,520	2.3	671	1.4	380	4.3	158	3.5	295	5.8
Prenatal Care: Inadequate	13,785	20.6	7,704	16.0	3,095	35.2	1,240	27.5	1,694	33.5
Maternal Utilization: Medicaid	26,651	39.3	15,421	31.5	6,042	67.0	2,027	44.3	3,084	59.8
Maternal Utilization: WIC	19,078	28.1	11,164	22.7	4,114	45.7	1,407	31.0	2,360	46.0
Maternal Utilization: Food Stamps	13,347	20.8	6,821	14.7	4,544	53.1	1,041	24.0	918	19.1
Mother's Age: At Delivery	40	0.1	17	0.0	12	0.1	7	0.1	4	0.1
Under 15	793	1.2	412	0.8	189	2.1	68	1.5	123	2.4
15-17	2,476	3.6	1,553	3.1	463	5.0	189	4.0	267	5.1
18-19	14,225	20.6	9,743	19.6	2,223	24.2	938	20.1	1,300	25.0
20-24	21,044	30.5	15,557	31.3	2,671	29.0	1,233	26.4	1,543	29.6
25-29	19,695	28.6	14,775	29.7	2,291	24.9	1,366	29.3	1,223	23.5
30-34	8,912	12.9	6,479	13.0	1,092	11.9	697	14.9	612	11.7
35-39	1,752	2.5	1,182	2.4	256	2.8	170	3.6	138	2.6
40 and Over										

* 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, 2022

	Northeast		Northwest		Central		Southeast		Southwest	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	2,819	100.0	2,652	100.0	8,045	100.0	6,189	100.0	11,170	100.0
Birth Weight: Under 2500 Grams	212	7.5	222	8.4	712	8.9	571	9.2	954	8.5
Birth Weight: Above 4499 Grams	32	1.1	23	0.9	85	1.1	59	1.0	118	1.1
Gestational Age: Less than 37 Weeks	283	10.1	274	10.3	857	10.7	707	11.4	1,242	11.1
APGAR (5 Minutes): Less than 8	239	8.5	161	6.1	554	6.9	351	5.7	657	6.0
Infant Care: NICU Admission	213	7.6	239	9.0	819	10.2	484	7.8	1,179	10.6
Infant Care: Transfer to Other Facility	108	3.8	44	1.7	144	1.8	209	3.4	110	1.0
Place of Birth: At-Home Delivery	127	4.5	73	2.8	178	2.2	104	1.7	382	3.4
Method of Delivery: Cesarean	880	31.3	754	28.4	2,457	30.5	1,881	30.4	3,234	29.0
Infant Care: Breastfed After Delivery	2,290	82.6	2,023	77.2	6,581	82.8	4,183	68.7	9,275	84.5
Maternal Smoking: During Pregnancy	341	12.3	301	11.5	822	10.4	842	13.8	1,098	9.9
..Quit Smoking During Pregnancy	58	17.0	76	25.2	156	19.0	156	18.5	253	23.0
Mat. Weight: Underweight (BMI < 18.5)	96	3.5	67	2.6	256	3.2	195	3.2	353	3.2
Mat. Weight: Obese (BMI >= 30)	972	35.5	912	35.1	2,738	34.6	2,304	38.2	3,644	33.2
Mat. Sing. Wt. Gain: Low (< 15 lbs)	425	17.7	342	14.9	1,209	17.3	989	19.9	1,628	16.9
Mat. Sing. Wt. Gain: High (> 45 lbs)	435	18.1	517	22.5	1,334	19.1	1,000	20.1	1,917	19.9
Mother's Education: Under 12 Yrs.	502	17.8	369	13.9	1,011	12.6	818	13.3	1,756	15.8
Marital Status: Out-of-Wedlock	1,099	39.0	1,046	39.4	2,941	36.6	2,799	45.2	4,188	37.5
Live Birth Order: 4 or More	466	16.6	389	14.7	1,148	14.3	981	15.9	1,818	16.3
Birth Spacing: Less than 18 Months	231	12.8	242	15.1	605	12.5	579	15.3	944	13.9
Prenatal Care: 1st Trimester	2,053	74.0	2,005	76.8	5,950	75.6	4,474	73.5	7,743	70.5
Prenatal Care: 2nd Trimester	523	18.8	444	17.0	1,507	19.1	1,193	19.6	2,299	20.9
Prenatal Care: 3rd Trimester	172	6.2	127	4.9	330	4.2	315	5.2	591	5.4
Prenatal Care: None	27	1.0	35	1.3	88	1.1	105	1.7	355	3.2
Prenatal Care: Inadequate	635	22.9	438	16.8	1,458	18.6	1,144	18.9	2,463	22.6
Maternal Utilization: Medicaid	1,182	42.0	991	37.6	3,265	40.7	3,386	55.0	4,936	44.6
Maternal Utilization: WIC	934	33.5	778	29.7	2,363	29.8	2,725	44.6	3,789	34.4
Maternal Utilization: Food Stamps	475	18.9	452	18.2	1,472	18.7	1,734	29.7	2,024	18.9
Mother's Age: At Delivery	1	0.0	2	0.1	3	0.0	11	0.2	4	0.0
Under 15	31	1.1	29	1.1	100	1.2	115	1.9	146	1.3
15-17	108	3.8	105	4.0	310	3.9	354	5.7	549	4.9
18-19	768	27.3	735	27.7	1,820	22.6	1,749	28.3	2,997	26.8
20-24	967	34.3	863	32.6	2,651	33.0	1,976	31.9	3,582	32.1
25-29	647	23.0	609	23.0	2,048	25.5	1,327	21.5	2,541	22.8
30-34	245	8.7	272	10.3	929	11.5	557	9.0	1,112	10.0
35-39	50	1.8	36	1.4	183	2.3	97	1.6	237	2.1
40 and Over										

Table 10B. Resident Live Births by Selected Characteristics by BRFSS Region and Urban vs Rural Area: Missouri, 2022

	<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	23,074	100.0	15,005	100.0	45,596	100.0	23,358	100.0
Birth Weight: Under 2500 Grams	2,183	9.5	1,449	9.7	4,377	9.6	1,926	8.2
Birth Weight: Above 4499 Grams	179	0.8	117	0.8	363	0.8	250	1.1
Gestational Age: Less than 37 Weeks	2,767	12.0	1,649	11.0	5,301	11.6	2,478	10.6
APGAR (5 Minutes): Less than 8	1,335	5.8	1,010	6.8	2,703	5.9	1,604	6.9
Infant Care: NICU Admission	2,297	10.0	1,764	11.8	5,010	11.0	1,985	8.5
Infant Care: Transfer to Other Facility	567	2.5	170	1.1	755	1.7	597	2.6
Place of Birth: At-Home Delivery	219	0.9	337	2.2	637	1.4	783	3.4
Method of Delivery: Cesarean	7,369	32.0	4,369	29.1	14,145	31.0	6,799	29.1
Infant Care: Breastfed After Delivery	18,716	82.3	12,368	84.4	37,283	83.2	18,153	78.9
Maternal Smoking: During Pregnancy	1,189	5.3	831	5.6	2,591	5.8	2,833	12.3
...Quit Smoking During Pregnancy	286	24.1	218	26.2	661	25.5	542	19.1
Mat. Weight: Underweight (BMI < 18.5)	624	2.8	439	3.0	1,283	2.9	747	3.3
Mat. Weight: Obese (BMI >= 30)	6,870	30.7	4,715	32.3	13,934	31.4	8,221	35.9
Mat. Sing. Wt. Gain: Low (< 15 lbs)	2,949	15.3	2,097	16.4	6,021	15.7	3,618	18.1
Mat. Sing. Wt. Gain: High (> 45 lbs)	3,831	19.9	2,609	20.4	7,832	20.4	3,811	19.1
Mother's Education: Under 12 Yrs.	1,705	7.4	1,520	10.2	4,154	9.1	3,527	15.1
Marital Status: Out-of-Wedlock	8,751	37.9	6,213	41.4	18,024	39.5	9,013	38.6
Live Birth Order: 4 or More	2,895	12.6	2,020	13.5	5,920	13.0	3,797	16.3
Birth Spacing: Less than 18 Months	1,446	11.1	1,022	11.8	3,021	11.6	2,048	14.2
Prenatal Care: 1st Trimester	14,935	67.4	10,540	71.4	31,096	70.0	16,604	72.7
Prenatal Care: 2nd Trimester	5,349	24.1	3,227	21.8	9,862	22.2	4,680	20.5
Prenatal Care: 3rd Trimester	1,233	5.6	750	5.1	2,343	5.3	1,175	5.1
Prenatal Care: None	657	3.0	253	1.7	1,144	2.6	376	1.6
Prenatal Care: Inadequate	4,675	21.4	2,972	20.2	9,134	20.7	4,651	20.4
Maternal Utilization: Medicaid	7,206	32.3	5,685	38.4	16,318	36.5	10,333	44.6
Maternal Utilization: WIC	4,849	21.4	3,640	24.6	11,090	24.7	7,988	34.6
Maternal Utilization: Food Stamps	4,504	20.0	2,686	22.0	8,767	20.8	4,580	20.8
Mother's Age: At Delivery								
Under 15	12	0.1	7	0.0	23	0.1	17	0.1
15-17	211	0.9	161	1.1	497	1.1	296	1.3
18-19	540	2.3	510	3.4	1,404	3.1	1,072	4.6
20-24	3,296	14.3	2,860	19.1	7,822	17.2	6,403	27.4
25-29	6,426	27.9	4,579	30.5	13,350	29.3	7,694	33.0
30-34	8,052	34.9	4,471	29.8	14,420	31.6	5,275	22.6
35-39	3,799	16.5	1,998	13.3	6,742	14.8	2,170	9.3
40 and Over	732	3.2	417	2.8	1,329	2.9	423	1.8

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	282	100.0	159	100.0	52	100.0	268	100.0	413	100.0	141	100.0	176	100.0
Birth Weight: Under 2500 Grams	19	6.7	13	8.2	0	0.0	15	5.6	38	9.2	11	7.8	12	6.8
Birth Weight: Above 4499 Grams	2	0.7	2	1.3	0	0.0	3	1.1	6	1.5	4	2.8	2	1.1
Gest. Age: Less than 37 Weeks	25	8.9	18	11.3	2	3.8	17	6.4	41	9.9	15	10.6	17	9.7
APGAR (5 Min.): Less than 8	43	15.3	6	3.8	4	7.7	21	7.9	38	9.2	8	5.7	10	5.7
Infant Care: NICU Admission	7	2.5	20	12.6	2	3.8	29	10.8	39	9.4	14	9.9	15	8.5
Infant Care: Transfer	19	6.7	4	2.5	1	1.9	4	1.5	13	3.1	1	0.7	3	1.7
Place of Birth: At-Home Delivery	15	5.3	2	1.3	1	1.9	10	3.7	9	2.2	8	5.7	6	3.4
Method of Delivery: Cesarean	98	34.9	42	26.4	16	30.8	94	35.1	140	33.9	37	26.4	38	21.7
Infant Care: Breastfed	236	84.3	124	80.5	41	78.8	228	85.4	318	77.9	119	86.9	140	81.4
Mat. Smoking: During Preg.	30	10.8	18	11.5	8	15.4	34	12.8	45	11.0	10	7.1	21	12.1
...Quit Smoking During Preg.	4	1.3	6	3.3	1	1.9	10	29.4	12	26.7	3	30.0	4	19.0
Mat. Wt.: Underweight	9	3.2	3	1.9	1	1.9	12	4.6	12	3.0	3	2.2	8	4.5
Mat. Wt.: Obese	94	33.8	48	30.6	15	28.8	78	29.7	161	39.8	47	34.1	59	33.5
Mat. Sing. Wt. Gain: Low	53	21.4	23	16.4	6	12.5	38	15.9	81	22.4	28	23.3	29	18.6
Mat. Sing. Wt. Gain: High	40	16.1	39	27.9	8	16.7	51	21.3	66	18.3	18	15.0	29	18.6
Mother's Education: Under 12 Yrs.	35	12.4	7	4.4	4	7.7	86	32.2	77	18.7	29	20.6	15	8.6
Marital Status: Out-of-Wedlock	108	38.3	60	37.7	17	32.7	100	37.3	154	37.3	42	29.8	67	38.1
Live Birth Order: 4 or More	37	13.2	11	6.9	6	11.5	63	23.5	76	18.4	24	17.0	21	11.9
Birth Spacing: Less than 18 Mos.	23	12.4	8	8.9	6	18.2	26	15.4	39	14.3	10	11.0	10	9.8
Prenatal Care: 1st Trimester	206	73.8	132	84.6	47	90.4	163	63.2	300	73.2	104	77.0	127	73.4
Prenatal Care: 2nd Trimester	48	17.2	21	13.5	4	7.7	62	24.0	81	19.8	21	15.6	38	22.0
Prenatal Care: 3rd Trimester	22	7.9	3	1.9	1	1.9	29	11.2	19	4.6	7	5.2	7	4.0
Prenatal Care: None	3	1.1	0	0.0	0	0.0	4	1.6	10	2.4	3	2.2	1	0.6
Prenatal Care: Inadequate	79	28.2	12	7.6	5	9.6	84	32.6	93	22.9	26	19.4	27	15.7
Maternal Utilization: Medicaid	141	50.0	45	28.5	15	29.4	114	42.5	205	49.6	56	39.7	70	42.2
Maternal Utilization: WIC	107	38.6	38	24.4	15	28.8	78	29.3	164	39.9	44	31.9	50	28.9
Maternal Utilization: FSP	56	21.0	24	16.1	8	22.2	61	23.0	83	22.5	19	15.8	26	22.4
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6
Under 15	3	1.1	3	1.9	1	1.9	6	2.2	7	1.7	3	2.1	3	1.7
15-17	7	2.5	6	3.8	1	1.9	12	4.5	23	5.6	4	2.8	7	4.0
18-19	82	29.1	45	28.3	11	21.2	77	28.7	128	31.0	50	35.5	43	24.4
20-24	88	31.2	46	28.9	19	36.5	78	29.1	128	31.0	36	25.5	63	35.8
25-29	64	22.7	41	25.8	18	34.6	57	21.3	83	20.1	31	22.0	44	25.0
30-34	31	11.0	16	10.1	1	1.9	34	12.7	37	9.0	13	9.2	12	6.8
35-39	7	2.5	2	1.3	1	1.9	4	1.5	7	1.7	4	2.8	3	1.7
40 and Over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<u>Benton</u>		<u>Bollinger</u>		<u>Boone</u>		<u>Buchanan</u>		<u>Butler</u>		<u>Caldwell</u>		<u>Callaway</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	171	100.0	134	100.0	2,008	100.0	989	100.0	475	100.0	107	100.0	475	100.0
Birth Weight: Under 2500 Grams	18	10.5	15	11.2	191	9.5	106	10.7	43	9.1	5	4.7	44	9.3
Birth Weight: Above 4499 Grams	3	1.8	1	0.7	20	1.0	5	0.5	3	0.6	1	0.9	6	1.3
Gest. Age: Less than 37 Weeks	17	9.9	13	9.7	201	10.0	114	11.5	64	13.5	9	8.4	52	10.9
APGAR (5 Min.): Less than 8	22	12.9	4	3.0	133	6.6	41	4.1	20	4.2	10	9.3	30	6.3
Infant Care: NICU Admission	14	8.2	11	8.2	263	13.1	98	9.9	20	4.2	5	4.7	62	13.1
Infant Care: Transfer	4	2.3	3	2.2	16	0.8	15	1.5	23	4.8	2	1.9	6	1.3
Place of Birth: At-Home Delivery	5	2.9	3	2.2	34	1.7	5	0.5	3	0.6	2	1.9	5	1.1
Method of Delivery: Cesarean	49	28.7	45	33.6	727	36.2	279	28.2	133	28.0	20	18.7	156	32.8
Infant Care: Breastfed	123	74.1	99	75.0	1,753	88.5	735	75.2	286	60.3	83	79.8	405	86.7
Mat. Smoking: During Preg.	26	15.3	18	13.4	100	5.0	137	14.0	69	14.9	13	12.3	52	11.1
...Quit Smoking During Preg.	4	15.4	5	27.8	22	22.0	36	26.3	14	20.3	4	30.8	11	21.2
Mat. Wt.: Underweight	7	4.1	1	0.7	47	2.4	27	2.7	19	4.2	2	1.9	9	1.9
Mat. Wt.: Obese	65	38.2	61	45.5	618	31.7	352	35.8	190	42.2	33	32.0	172	36.9
Mat. Sing. Wt. Gain: Low	27	18.2	23	21.9	283	16.3	129	14.9	89	23.5	11	11.8	65	16.0
Mat. Sing. Wt. Gain: High	33	22.3	23	21.9	358	20.7	219	25.3	90	23.7	22	23.7	85	21.0
Mother's Education: Under 12 Yrs.	30	17.5	10	7.5	138	6.9	177	17.9	83	17.5	14	13.1	54	11.4
Marital Status: Out-of-Wedlock	67	39.2	47	35.1	660	32.9	532	53.8	261	54.9	39	36.4	217	45.7
Live Birth Order: 4 or More	26	15.2	25	18.7	192	9.6	151	15.3	69	14.5	19	17.8	52	10.9
Birth Spacing: Less than 18 Mos.	16	16.7	14	16.5	115	10.2	106	17.1	56	19.0	9	13.0	25	8.7
Prenatal Care: 1st Trimester	114	69.1	112	84.2	1,603	80.8	753	76.8	371	79.3	84	78.5	382	82.3
Prenatal Care: 2nd Trimester	37	22.4	17	12.8	297	15.0	159	16.2	74	15.8	19	17.8	67	14.4
Prenatal Care: 3rd Trimester	10	6.1	3	2.3	72	3.6	48	4.9	17	3.6	4	3.7	15	3.2
Prenatal Care: None	4	2.4	1	0.8	13	0.7	21	2.1	6	1.3	0	0.0	0	0.0
Prenatal Care: Inadequate	38	22.8	16	12.1	298	15.2	164	16.7	79	16.9	16	15.4	58	12.6
Maternal Utilization: Medicaid	82	50.3	61	45.5	632	31.5	536	54.5	376	79.2	45	43.7	201	42.4
Maternal Utilization: WIC	58	34.7	44	33.1	409	20.7	353	36.2	265	56.7	26	24.5	145	30.7
Maternal Utilization: FSP	33	21.0	29	21.8	311	15.8	272	29.5	181	39.1	14	13.2	95	20.4
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	2	0.2	1	0.2	0	0.0	1	0.2
15-17	4	2.3	2	1.5	16	0.8	18	1.8	14	3.0	2	1.9	5	1.1
18-19	10	5.8	5	3.7	45	2.2	48	4.9	35	7.4	5	4.7	12	2.5
20-24	49	28.7	41	30.6	298	14.8	276	27.9	163	34.4	27	25.2	126	26.5
25-29	52	30.4	37	27.6	682	34.0	306	31.0	141	29.7	43	40.2	154	32.4
30-34	41	24.0	39	29.1	614	30.6	220	22.3	81	17.1	24	22.4	121	25.5
35-39	15	8.8	9	6.7	294	14.6	107	10.8	33	7.0	6	5.6	47	9.9
40 and Over	0	0.0	1	0.7	58	2.9	11	1.1	6	1.3	0	0.0	9	1.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	379	100.0	927	100.0	81	100.0	75	100.0	1,145	100.0	224	100.0	71	100.0
Birth Weight: Under 2500 Grams	27	7.1	79	8.5	4	4.9	10	13.3	97	8.5	12	5.4	2	2.8
Birth Weight: Above 4499 Grams	2	0.5	9	1.0	0	0.0	0	0.0	9	0.8	6	2.7	1	1.4
Gest. Age: Less than 37 Weeks	35	9.3	87	9.4	4	4.9	11	14.7	114	10.0	25	11.2	4	5.6
APGAR (5 Min.): Less than 8	20	5.3	47	5.1	6	7.4	1	1.3	60	5.2	22	10.0	2	2.8
Infant Care: NICU Admission	29	7.7	77	8.3	4	4.9	5	6.7	134	11.7	15	6.7	9	12.7
Infant Care: Transfer	8	2.1	14	1.5	1	1.2	4	5.3	10	0.9	5	2.2	3	4.2
Place of Birth: At-Home Delivery	7	1.8	10	1.1	0	0.0	2	2.7	26	2.3	38	17.0	0	0.0
Method of Delivery: Cesarean	94	24.8	308	33.2	23	28.4	20	26.7	347	30.3	47	21.1	22	31.0
Infant Care: Breastfed	309	82.4	681	73.9	58	77.3	52	70.3	1,018	90.0	188	86.2	55	79.7
Mat. Smoking: During Preg.	59	15.8	83	9.0	10	12.7	19	25.3	54	4.7	21	9.5	6	9.0
...Quit Smoking During Preg.	13	22.0	18	21.7	6	60.0	5	26.3	15	27.8	2	9.5	3	50.0
Mat. Wt.: Underweight	16	4.2	21	2.3	2	2.5	2	2.8	30	2.6	5	2.3	1	1.4
Mat. Wt.: Obese	113	29.8	336	36.6	35	44.3	27	38.0	379	33.4	74	33.8	27	38.6
Mat. Sing. Wt. Gain: Low	57	16.8	128	18.5	22	29.3	10	17.2	173	17.1	40	20.7	5	7.6
Mat. Sing. Wt. Gain: High	68	20.1	144	20.8	13	17.3	14	24.1	192	19.0	32	16.6	19	28.8
Mother's Education: Under 12 Yrs.	39	10.3	78	8.4	7	8.6	7	9.3	79	6.9	52	23.4	5	7.0
Marital Status: Out-of-Wedlock	155	40.9	372	40.1	32	39.5	33	44.0	373	32.6	66	29.5	31	43.7
Live Birth Order: 4 or More	58	15.3	123	13.3	9	11.1	14	18.7	162	14.1	53	23.7	9	12.7
Birth Spacing: Less than 18 Mos.	30	13.7	68	11.9	9	19.1	10	17.9	80	11.6	23	14.6	8	17.4
Prenatal Care: 1st Trimester	277	74.3	724	78.6	62	78.5	60	81.1	835	73.6	160	72.4	62	87.3
Prenatal Care: 2nd Trimester	77	20.6	152	16.5	14	17.7	11	14.9	250	22.0	44	19.9	5	7.0
Prenatal Care: 3rd Trimester	14	3.8	37	4.0	3	3.8	3	4.1	39	3.4	12	5.4	4	5.6
Prenatal Care: None	5	1.3	8	0.9	0	0.0	0	0.0	10	0.9	5	2.3	0	0.0
Prenatal Care: Inadequate	68	18.2	122	13.3	13	16.5	13	17.3	169	15.0	56	25.5	10	14.3
Maternal Utilization: Medicaid	238	63.0	345	37.2	30	37.5	56	74.7	318	28.2	97	43.3	31	43.7
Maternal Utilization: WIC	139	37.6	227	24.8	24	29.6	47	63.5	220	19.3	56	25.1	24	34.3
Maternal Utilization: FSP	82	22.8	211	23.1	10	12.7	22	29.3	119	15.8	37	16.9	12	17.4
Mother's Age: At Delivery	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	8	2.1	22	2.4	0	0.0	1	1.3	11	1.0	3	1.4	2	2.8
18-19	14	3.7	34	3.7	3	3.7	1	1.3	47	4.1	7	3.2	5	7.0
20-24	97	25.6	159	17.2	24	29.6	22	29.3	217	19.0	69	31.1	17	23.9
25-29	126	33.2	285	30.7	27	33.3	25	33.3	360	31.5	73	32.9	25	35.2
30-34	78	20.6	292	31.5	20	24.7	17	22.7	349	30.5	51	23.0	17	23.9
35-39	45	11.9	113	12.2	4	4.9	7	9.3	129	11.3	16	7.2	4	5.6
40 and Over	11	2.9	21	2.3	3	3.7	2	2.7	31	2.7	3	1.4	1	1.4

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	1,028	100.0	76	100.0	2,996	100.0	238	100.0	789	100.0	170	100.0	242	100.0
Birth Weight: Under 2500 Grams	83	8.1	7	9.2	253	8.5	15	6.3	88	11.2	7	4.1	36	14.9
Birth Weight: Above 4499 Grams	11	1.1	1	1.3	24	0.8	2	0.8	11	1.4	2	1.2	2	0.8
Gest. Age: Less than 37 Weeks	113	11.0	11	14.5	304	10.2	18	7.6	108	13.7	12	7.1	34	14.0
APGAR (5 Min.): Less than 8	48	4.7	5	6.6	195	6.5	17	7.1	52	6.6	13	7.6	23	9.5
Infant Care: NICU Admission	110	10.7	5	6.6	295	9.8	20	8.4	79	10.0	18	10.6	28	11.6
Infant Care: Transfer	6	0.6	1	1.3	37	1.2	3	1.3	15	1.9	1	0.6	13	5.4
Place of Birth: At-Home Delivery	17	1.7	3	3.9	64	2.1	5	2.1	13	1.6	3	1.8	5	2.1
Method of Delivery: Cesarean	285	27.7	28	36.8	847	28.3	58	24.5	246	31.2	50	29.4	64	26.4
Infant Care: Breastfed	871	86.2	63	82.9	2,450	85.9	208	88.9	676	86.4	147	87.5	189	79.7
Mat. Smoking: During Preg.	61	6.0	15	20.0	146	4.9	29	12.2	64	8.2	13	7.7	44	18.5
...Quit Smoking During Preg.	9	14.8	1	6.7	46	31.5	4	13.8	16	25.0	2	15.4	6	13.6
Mat. Wt.: Underweight	41	4.1	4	5.3	76	2.6	7	3.0	13	1.7	6	3.6	10	4.1
Mat. Wt.: Obese	302	30.0	35	46.1	905	31.0	77	32.6	297	37.9	58	34.3	101	41.9
Mat. Sing. Wt. Gain: Low	119	13.4	19	30.6	398	15.5	32	15.1	112	16.8	36	22.8	46	22.2
Mat. Sing. Wt. Gain: High	195	22.0	10	16.1	522	20.4	46	21.7	131	19.7	22	13.9	34	16.4
Mother's Education: Under 12 Yrs.	42	4.1	19	25.0	147	4.9	14	5.9	57	7.2	17	10.0	36	14.9
Marital Status: Out-of-Wedlock	256	24.9	33	43.4	925	30.9	96	40.3	305	38.7	49	28.8	104	43.0
Live Birth Order: 4 or More	140	13.6	16	21.1	342	11.4	41	17.2	92	11.7	21	12.4	29	12.0
Birth Spacing: Less than 18 Mos.	71	10.8	7	14.9	188	11.1	17	11.9	58	13.1	16	14.5	23	16.2
Prenatal Care: 1st Trimester	780	76.5	55	72.4	2,257	76.8	195	83.3	624	81.0	137	81.5	180	75.0
Prenatal Care: 2nd Trimester	176	17.3	17	22.4	524	17.8	29	12.4	120	15.6	23	13.7	44	18.3
Prenatal Care: 3rd Trimester	34	3.3	4	5.3	126	4.3	8	3.4	21	2.7	7	4.2	8	3.3
Prenatal Care: None	30	2.9	0	0.0	31	1.1	2	0.9	5	0.6	1	0.6	8	3.3
Prenatal Care: Inadequate	175	17.2	15	19.7	465	16.0	28	12.0	91	11.8	26	15.7	38	15.8
Maternal Utilization: Medicaid	307	29.9	34	44.7	790	26.8	79	34.1	284	36.1	52	30.6	104	43.3
Maternal Utilization: WIC	193	19.0	28	36.8	462	15.6	53	22.3	208	26.7	36	21.6	87	36.4
Maternal Utilization: FSP	90	8.9	10	25.6	341	13.1	26	11.4	143	18.5	23	13.9	57	24.3
Mother's Age: At Delivery	0	0.0	0	0.0	3	0.1	0	0.0	1	0.1	0	0.0	0	0.0
15-17	8	0.8	1	1.3	13	0.4	2	0.8	11	1.4	0	0.0	7	2.9
18-19	24	2.3	5	6.6	73	2.4	9	3.8	29	3.7	8	4.7	13	5.4
20-24	172	16.7	18	23.7	475	15.9	54	22.7	151	19.1	33	19.4	59	24.4
25-29	350	34.0	28	36.8	924	30.8	99	41.6	276	35.0	63	37.1	89	36.8
30-34	321	31.2	18	23.7	1,004	33.5	50	21.0	214	27.1	45	26.5	52	21.5
35-39	126	12.3	4	5.3	404	13.5	21	8.8	88	11.2	17	10.0	16	6.6
40 and Over	27	2.6	2	2.6	100	3.3	3	1.3	19	2.4	4	2.4	6	2.5

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	201	100.0	127	100.0	104	100.0	156	100.0	143	100.0	329	100.0
Birth Weight: Under 2500 Grams	6	9.4	14	7.0	8	6.3	5	4.8	13	8.3	10	7.0	33	10.0
Birth Weight: Above 4499 Grams	0	0.0	4	2.0	3	2.4	0	0.0	1	0.6	3	2.1	2	0.6
Gest. Age: Less than 37 Weeks	6	9.4	20	10.0	14	11.1	4	3.8	23	15.1	15	10.6	45	13.8
APGAR (5 Min.): Less than 8	4	6.3	8	4.1	17	13.4	4	3.8	11	7.1	7	4.9	17	5.2
Infant Care: NICU Admission	6	9.4	17	8.5	10	7.9	8	7.7	13	8.3	12	8.4	23	7.0
Infant Care: Transfer	2	3.1	1	0.5	2	1.6	1	1.0	8	5.1	0	0.0	20	6.1
Place of Birth: At-Home Delivery	2	3.1	9	4.5	29	22.8	1	1.0	6	3.8	11	7.7	3	0.9
Method of Delivery: Cesarean	20	31.3	51	25.4	26	20.5	34	32.7	40	25.6	28	19.6	101	30.7
Infant Care: Breastfed	46	74.2	169	85.4	106	86.2	82	80.4	107	69.9	113	81.3	158	48.2
Mat. Smoking: During Preg.	6	9.4	16	8.0	10	7.9	22	21.6	28	18.2	27	18.9	58	18.0
...Quit Smoking During Preg.	3	50.0	4	25.0	1	10.0	4	18.2	4	14.3	7	25.9	7	12.1
Mat. Wt.: Underweight	4	6.5	3	1.5	2	2.0	3	2.9	7	4.5	2	1.5	15	4.9
Mat. Wt.: Obese	15	24.2	62	31.8	31	30.7	38	37.3	68	43.9	42	31.1	114	36.9
Mat. Sing. Wt. Gain: Low	6	10.9	25	14.0	16	19.0	11	11.3	27	21.1	21	17.5	55	21.0
Mat. Sing. Wt. Gain: High	13	23.6	36	20.2	12	14.3	32	33.0	20	15.6	20	16.7	52	19.8
Mother's Education: Under 12 Yrs.	13	20.3	62	31.0	58	45.7	16	15.4	26	16.7	27	19.0	72	22.1
Marital Status: Out-of-Wedlock	26	40.6	61	30.3	31	24.4	49	47.1	67	42.9	43	30.1	202	61.4
Live Birth Order: 4 or More	11	17.2	47	23.4	34	26.8	15	14.4	31	19.9	38	26.8	65	20.2
Birth Spacing: Less than 18 Mos.	2	6.7	18	14.6	13	15.3	12	20.7	12	12.5	16	16.2	35	18.5
Prenatal Care: 1st Trimester	45	71.4	123	62.8	76	60.8	82	79.6	98	64.1	88	62.4	233	72.6
Prenatal Care: 2nd Trimester	13	20.6	50	25.5	37	29.6	17	16.5	36	23.5	32	22.7	62	19.3
Prenatal Care: 3rd Trimester	2	3.2	10	5.1	11	8.8	4	3.9	10	6.5	12	8.5	20	6.2
Prenatal Care: None	3	4.8	13	6.6	1	0.8	0	0.0	9	5.9	9	6.4	6	1.9
Prenatal Care: Inadequate	12	19.4	55	28.1	49	39.2	11	10.7	40	26.1	44	31.9	72	22.4
Maternal Utilization: Medicaid	29	46.0	78	38.8	33	26.0	45	44.1	92	59.4	64	45.4	246	75.2
Maternal Utilization: WIC	27	42.9	54	27.6	33	26.2	29	27.9	70	45.8	64	45.1	198	62.1
Maternal Utilization: FSP	16	25.8	34	17.3	10	7.9	17	17.0	50	32.7	30	21.4	123	47.5
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.9
15-17	2	3.1	2	1.0	1	0.8	2	1.9	0	0.0	1	0.7	12	3.6
18-19	5	7.8	12	6.0	3	2.4	6	5.8	11	7.1	8	5.6	20	6.1
20-24	20	31.3	52	25.9	41	32.3	28	26.9	41	26.3	38	26.6	108	32.8
25-29	15	23.4	67	33.3	42	33.1	34	32.7	56	35.9	36	25.2	97	29.5
30-34	15	23.4	47	23.4	25	19.7	25	24.0	34	21.8	35	24.5	62	18.8
35-39	6	9.4	17	8.5	13	10.2	9	8.7	13	8.3	19	13.3	24	7.3
40 and Over	1	1.6	4	2.0	2	1.6	0	0.0	1	0.6	6	4.2	3	0.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	1,119	100.0	138	100.0	81	100.0	3,275	100.0	142	100.0	82	100.0	238	100.0
Birth Weight: Under 2500 Grams	94	8.4	13	9.4	5	6.2	295	9.0	9	6.3	7	8.5	25	10.5
Birth Weight: Above 4499 Grams	15	1.3	0	0.0	2	2.5	31	0.9	2	1.4	0	0.0	4	1.7
Gest. Age: Less than 37 Weeks	120	10.7	19	13.8	10	12.3	374	11.4	8	5.7	11	13.4	28	11.8
APGAR (5 Min.): Less than 8	68	6.1	10	7.2	7	9.3	158	4.8	11	7.8	4	5.3	24	10.1
Infant Care: NICU Admission	90	8.0	14	10.1	7	8.6	385	11.8	9	6.3	4	4.9	20	8.4
Infant Care: Transfer	20	1.8	1	0.7	3	3.7	20	0.6	4	2.8	2	2.4	4	1.7
Place of Birth: At-Home Delivery	16	1.4	1	0.7	5	6.2	41	1.3	15	10.6	7	8.5	6	2.5
Method of Delivery: Cesarean	390	34.9	41	29.7	28	34.6	939	28.7	36	25.4	19	23.2	62	26.2
Infant Care: Breastfed	957	86.1	108	80.6	66	82.5	2,690	83.9	102	74.5	67	83.8	175	78.5
Mat. Smoking: During Preg.	110	10.0	17	12.5	11	13.8	303	9.3	21	15.2	11	13.4	38	16.0
...Quit Smoking During Preg.	22	20.0	1	5.9	1	9.1	80	26.4	4	19.0	3	27.3	6	15.8
Mat. Wt.: Underweight	23	2.1	4	2.9	0	0.0	116	3.6	4	3.5	2	2.7	8	3.4
Mat. Wt.: Obese	414	37.5	51	37.0	36	45.0	1,013	31.6	32	27.8	35	47.3	87	36.9
Mat. Sing. Wt. Gain: Low	188	19.5	25	21.0	10	14.5	396	14.2	16	16.2	8	13.1	39	19.1
Mat. Sing. Wt. Gain: High	187	19.4	20	16.8	12	17.4	667	23.9	18	18.2	8	13.1	29	14.2
Mother's Education: Under 12 Yrs.	102	9.1	15	10.9	13	16.5	361	11.0	45	31.7	29	35.4	32	13.4
Marital Status: Out-of-Wedlock	371	33.2	42	30.4	30	37.0	1,289	39.4	50	35.2	23	28.0	101	42.4
Live Birth Order: 4 or More	145	13.0	16	11.6	14	17.5	453	13.8	38	26.8	13	16.0	36	15.1
Birth Spacing: Less than 18 Mos.	89	12.9	7	8.5	6	10.0	258	13.5	16	16.5	7	15.6	18	12.4
Prenatal Care: 1st Trimester	843	76.8	109	79.6	66	84.6	2,270	70.6	78	56.9	51	63.0	168	71.8
Prenatal Care: 2nd Trimester	204	18.6	22	16.1	9	11.5	606	18.9	38	27.7	15	18.5	51	21.8
Prenatal Care: 3rd Trimester	42	3.8	6	4.4	1	1.3	181	5.6	17	12.4	11	13.6	9	3.8
Prenatal Care: None	8	0.7	0	0.0	2	2.6	157	4.9	4	2.9	4	4.9	6	2.6
Prenatal Care: Inadequate	141	13.0	22	16.2	13	16.5	746	23.4	54	39.4	28	35.0	50	21.7
Maternal Utilization: Medicaid	336	30.5	44	31.9	29	35.8	1,360	41.6	55	39.0	22	27.2	82	40.8
Maternal Utilization: WIC	187	16.8	26	18.8	29	36.3	1,243	38.3	47	33.8	24	30.4	64	27.9
Maternal Utilization: FSP	161	14.5	15	10.9	11	13.9	630	19.5	24	18.5	8	10.7	50	24.0
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
15-17	19	1.7	5	3.6	0	0.0	48	1.5	2	1.4	0	0.0	1	0.4
18-19	31	2.8	2	1.4	5	6.2	146	4.5	5	3.5	0	0.0	13	5.5
20-24	222	19.9	28	20.3	20	24.7	751	22.9	34	23.9	36	43.9	70	29.4
25-29	365	32.6	51	37.0	27	33.3	1,062	32.4	50	35.2	26	31.7	87	36.6
30-34	326	29.2	37	26.8	20	24.7	807	24.6	33	23.2	12	14.6	49	20.6
35-39	134	12.0	13	9.4	9	11.1	391	11.9	14	9.9	7	8.5	16	6.7
40 and Over	21	1.9	2	1.4	0	0.0	69	2.1	4	2.8	1	1.2	2	0.8

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	Hickory		Holt		Howard		Howell		Iron		Jackson		Jasper	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	75	100.0	41	100.0	108	100.0	445	100.0	84	100.0	8,558	100.0	1,609	100.0
Birth Weight: Under 2500 Grams	9	12.0	3	7.3	9	8.3	28	6.3	6	7.1	923	10.8	140	8.7
Birth Weight: Above 4499 Grams	1	1.3	0	0.0	1	0.9	2	0.4	0	0.0	64	0.7	15	0.9
Gest. Age: Less than 37 Weeks	10	13.5	5	12.2	17	15.7	32	7.2	7	8.3	999	11.7	198	12.3
APGAR (5 Min.): Less than 8	0	0.0	2	4.9	10	9.3	28	6.3	5	6.0	593	7.0	88	5.5
Infant Care: NICU Admission	5	6.8	3	7.3	23	21.3	29	6.5	8	9.5	1,106	12.9	184	11.4
Infant Care: Transfer	0	0.0	0	0.0	1	0.9	11	2.5	3	3.6	97	1.1	5	0.3
Place of Birth: At-Home Delivery	10	13.3	0	0.0	4	3.7	9	2.0	2	2.4	198	2.3	19	1.2
Method of Delivery: Cesarean	19	25.7	14	34.1	41	38.0	114	25.6	30	35.7	2,498	29.2	539	33.5
Infant Care: Breastfed	66	89.2	32	78.0	92	86.0	359	81.8	55	67.9	6,989	82.8	1,338	84.2
Mat. Smoking: During Preg.	11	14.7	2	4.9	14	13.2	58	13.1	14	16.9	466	5.5	144	9.0
...Quit Smoking During Preg.	3	27.3	0	0.0	3	21.4	11	19.0	1	7.1	123	26.4	32	22.2
Mat. Wt.: Underweight	0	0.0	1	2.4	1	0.9	14	3.2	5	6.0	269	3.2	40	2.5
Mat. Wt.: Obese	24	32.9	10	24.4	36	33.3	161	36.5	32	38.1	2,700	32.6	564	35.5
Mat. Sing. Wt. Gain: Low	15	23.8	7	19.4	9	9.9	78	19.3	12	16.2	1,228	16.9	265	19.3
Mat. Sing. Wt. Gain: High	4	6.3	11	30.6	22	24.2	77	19.1	17	23.0	1,474	20.3	249	18.1
Mother's Education: Under 12 Yrs.	17	23.3	2	4.9	8	7.4	56	12.6	14	16.7	1,145	13.4	276	17.2
Marital Status: Out-of-Wedlock	18	24.0	11	26.8	49	45.4	189	42.5	39	46.4	4,139	48.4	727	45.2
Live Birth Order: 4 or More	17	22.7	2	4.9	15	13.9	77	17.3	11	13.1	1,245	14.6	229	14.3
Birth Spacing: Less than 18 Mos.	5	9.4	1	4.0	9	12.3	35	13.3	6	12.5	603	12.2	112	12.0
Prenatal Care: 1st Trimester	45	61.6	34	89.5	85	78.7	313	72.0	61	74.4	5,668	67.4	1,143	72.2
Prenatal Care: 2nd Trimester	21	28.8	4	10.5	21	19.4	87	20.0	11	13.4	2,048	24.3	348	22.0
Prenatal Care: 3rd Trimester	5	6.8	0	0.0	2	1.9	22	5.1	7	8.5	503	6.0	67	4.2
Prenatal Care: None	2	2.7	0	0.0	0	0.0	13	3.0	3	3.7	195	2.3	25	1.6
Prenatal Care: Inadequate	23	31.1	3	7.9	19	17.8	93	21.4	15	18.3	2,021	24.0	286	18.3
Maternal Utilization: Medicaid	43	58.1	18	43.9	43	39.8	281	63.4	50	59.5	3,876	45.6	809	50.8
Maternal Utilization: WIC	29	39.7	7	17.1	34	31.5	223	50.6	43	51.2	2,482	29.4	530	33.4
Maternal Utilization: FSP	11	15.5	6	16.2	15	14.2	135	32.5	24	28.9	1,946	28.2	342	22.2
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	3	0.0	1	0.1
15-17	0	0.0	0	0.0	2	1.9	7	1.6	2	2.4	123	1.4	29	1.8
18-19	2	2.7	1	2.4	2	1.9	36	8.1	4	4.8	325	3.8	96	6.0
20-24	21	28.0	10	24.4	22	20.4	127	28.5	33	39.3	1,751	20.5	489	30.4
25-29	23	30.7	17	41.5	34	31.5	143	32.1	21	25.0	2,526	29.5	509	31.6
30-34	23	30.7	10	24.4	35	32.4	89	20.0	14	16.7	2,450	28.6	316	19.6
35-39	5	6.7	3	7.3	10	9.3	32	7.2	8	9.5	1,152	13.5	137	8.5
40 and Over	1	1.3	0	0.0	3	2.8	10	2.2	2	2.4	227	2.7	32	2.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	2,326	100.0	715	100.0	50	100.0	455	100.0	377	100.0	509	100.0	86	100.0
Birth Weight: Under 2500 Grams	183	7.9	57	8.0	2	4.0	54	11.9	39	10.3	33	6.5	5	5.8
Birth Weight: Above 4499 Grams	30	1.3	8	1.1	0	0.0	4	0.9	4	1.1	0	0.0	0	0.0
Gest. Age: Less than 37 Weeks	308	13.2	73	10.2	3	6.0	67	14.8	44	11.7	53	10.4	12	14.0
APGAR (5 Min.): Less than 8	128	5.5	51	7.1	5	10.0	30	6.6	41	10.9	39	7.7	4	4.7
Infant Care: NICU Admission	231	9.9	64	9.0	0	0.0	49	10.8	47	12.5	47	9.2	5	5.8
Infant Care: Transfer	29	1.2	11	1.5	3	6.0	10	2.2	7	1.9	9	1.8	3	3.5
Place of Birth: At-Home Delivery	20	0.9	18	2.5	6	12.0	5	1.1	9	2.4	24	4.7	6	7.0
Method of Delivery: Cesarean	775	33.4	207	29.0	10	20.0	125	27.5	131	34.7	143	28.1	14	16.3
Infant Care: Breastfed	1,810	79.1	529	74.0	46	93.9	344	76.8	313	83.7	436	86.7	67	78.8
Mat. Smoking: During Preg.	208	9.1	46	6.6	5	10.4	88	19.6	35	9.4	63	12.4	9	10.7
...Quit Smoking During Preg.	39	18.8	13	28.3	0	0.0	16	18.2	6	17.1	11	17.5	1	11.1
Mat. Wt.: Underweight	91	4.0	18	2.5	0	0.0	20	4.5	11	3.0	13	2.6	2	2.4
Mat. Wt.: Obese	774	34.1	220	31.1	18	36.0	161	36.0	146	39.4	181	36.1	33	38.8
Mat. Sing. Wt. Gain: Low	296	15.3	79	12.5	8	17.0	72	19.1	50	15.5	99	22.1	14	19.2
Mat. Sing. Wt. Gain: High	425	22.0	122	19.4	3	6.4	65	17.3	72	22.3	67	15.0	4	5.5
Mother's Education: Under 12 Yrs.	162	7.0	39	5.5	20	40.0	65	14.3	28	7.5	98	19.3	9	10.5
Marital Status: Out-of-Wedlock	836	35.9	185	25.9	12	24.0	188	41.3	153	40.6	201	39.5	32	37.2
Live Birth Order: 4 or More	292	12.6	99	13.9	16	32.0	77	16.9	43	11.4	95	18.7	11	12.8
Birth Spacing: Less than 18 Mos.	146	10.9	62	15.3	2	5.9	39	13.1	21	9.7	44	13.8	7	14.0
Prenatal Care: 1st Trimester	1,509	66.9	514	73.5	27	55.1	320	71.9	307	82.1	371	73.8	63	74.1
Prenatal Care: 2nd Trimester	622	27.6	142	20.3	17	34.7	92	20.7	57	15.2	95	18.9	18	21.2
Prenatal Care: 3rd Trimester	99	4.4	39	5.6	3	6.1	21	4.7	5	1.3	23	4.6	2	2.4
Prenatal Care: None	26	1.2	4	0.6	2	4.1	12	2.7	5	1.3	14	2.8	2	2.4
Prenatal Care: Inadequate	371	16.6	115	16.5	23	46.9	84	18.9	44	11.8	105	21.0	17	19.8
Maternal Utilization: Medicaid	635	28.3	156	21.9	17	34.0	262	57.7	137	36.4	220	43.3	25	29.1
Maternal Utilization: WIC	401	17.4	178	25.0	16	32.0	182	40.6	99	26.5	194	38.4	22	25.6
Maternal Utilization: FSP	338	14.8	62	9.3	8	16.3	118	26.5	61	17.1	104	20.9	5	16.7
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	17	0.7	4	0.6	0	0.0	2	0.4	4	1.1	3	0.6	0	0.0
15-17	55	2.4	25	3.5	2	4.0	35	7.7	12	3.2	26	5.1	4	4.7
18-19	390	16.8	185	25.9	17	34.0	127	27.9	90	23.9	159	31.2	24	27.9
20-24	773	33.2	247	34.5	17	34.0	146	32.1	131	34.7	164	32.2	27	31.4
25-29	744	32.0	167	23.4	7	14.0	100	22.0	93	24.7	98	19.3	20	23.3
30-34	292	12.6	75	10.5	7	14.0	39	8.6	38	10.1	52	10.2	10	11.6
35-39	53	2.3	12	1.7	0	0.0	6	1.3	9	2.4	7	1.4	1	1.2
40 and Over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	852	100.0	131	100.0	153	100.0	179	100.0	122	100.0	99	100.0
Birth Weight: Under 2500 Grams	64	7.5	13	9.9	9	5.9	10	5.6	19	15.6	6	6.1
Birth Weight: Above 4499 Grams	6	0.7	2	1.5	2	1.3	5	2.8	1	0.8	1	1.0
Gest. Age: Less than 37 Weeks	90	10.6	15	11.5	19	12.7	15	8.4	22	18.0	8	8.1
APGAR (5 Min.): Less than 8	52	6.1	14	10.8	10	6.6	14	7.9	11	9.0	7	7.1
Infant Care: NICU Admission	73	8.6	7	5.3	17	11.1	18	10.1	18	14.8	7	7.1
Infant Care: Transfer	16	1.9	9	6.9	8	5.2	5	2.8	9	7.4	2	2.0
Place of Birth: At-Home Delivery	15	1.8	2	1.5	2	1.3	14	7.8	0	0.0	2	2.0
Method of Delivery: Cesarean	256	30.0	42	32.3	46	30.7	65	36.3	43	35.2	27	27.3
Infant Care: Breastfed	694	81.9	93	72.1	122	85.9	155	87.1	81	69.2	89	89.9
Mat. Smoking: During Preg.	63	7.5	15	11.6	21	13.8	14	8.0	22	18.2	11	11.1
...Quit Smoking During Preg.	8	12.7	2	13.3	6	28.6	4	28.6	7	31.8	2	18.2
Mat. Wt.: Underweight	23	2.7	7	5.4	6	4.1	8	4.5	7	5.9	0	0.0
Mat. Wt.: Obese	292	34.8	46	35.4	48	32.7	58	33.0	53	44.5	38	38.4
Mat. Sing. Wt. Gain: Low	126	17.1	27	23.5	17	13.7	34	21.1	24	25.5	13	14.3
Mat. Sing. Wt. Gain: High	149	20.2	25	21.7	29	23.4	31	19.3	10	10.6	22	24.2
Mother's Education: Under 12 Yrs.	65	7.6	13	9.9	19	12.4	28	15.6	14	11.5	14	14.1
Marital Status: Out-of-Wedlock	284	33.3	56	42.7	60	39.2	61	34.1	44	36.1	28	28.3
Live Birth Order: 4 or More	101	11.9	19	14.5	22	14.4	29	16.2	24	19.7	16	16.2
Birth Spacing: Less than 18 Mos.	67	12.8	8	10.7	8	8.5	16	13.8	10	13.7	9	18.4
Prenatal Care: 1st Trimester	547	70.9	106	82.2	121	80.7	131	74.0	96	79.3	72	75.8
Prenatal Care: 2nd Trimester	185	24.0	20	15.5	22	14.7	28	15.8	22	18.2	23	24.2
Prenatal Care: 3rd Trimester	33	4.3	2	1.6	7	4.7	14	7.9	1	0.8	0	0.0
Prenatal Care: None	6	0.8	1	0.8	0	0.0	4	2.3	2	1.7	0	0.0
Prenatal Care: Inadequate	125	16.4	16	12.6	15	10.2	46	26.1	15	12.8	13	13.7
Maternal Utilization: Medicaid	221	26.4	63	48.8	65	43.0	81	45.3	59	48.8	27	27.3
Maternal Utilization: WIC	160	18.8	46	35.4	51	33.3	62	34.6	60	49.6	21	21.4
Maternal Utilization: FSP	105	12.5	25	19.2	21	14.4	28	15.6	31	26.3	18	18.2
Mother's Age: At Delivery	1	0.1	0	0.0	0	0.0	1	0.6	1	0.8	0	0.0
15-17	2	0.2	0	0.0	2	1.3	3	1.7	4	3.3	0	0.0
18-19	21	2.5	7	5.3	7	4.6	6	3.4	5	4.1	8	8.1
20-24	181	21.2	48	36.6	45	29.4	42	23.6	31	25.4	31	31.3
25-29	311	36.5	43	32.8	51	33.3	65	36.5	44	36.1	25	25.3
30-34	251	29.5	21	16.0	35	22.9	40	22.5	21	17.2	22	22.2
35-39	71	8.3	10	7.6	8	5.2	18	10.1	15	12.3	11	11.1
40 and Over	14	1.6	2	1.5	5	3.3	3	1.7	1	0.8	2	2.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	317	100.0	59	100.0	295	100.0	152	100.0	212	100.0	97	100.0	112	100.0
Birth Weight: Under 2500 Grams	29	9.1	4	6.8	24	8.1	18	11.8	17	8.0	10	10.3	13	11.6
Birth Weight: Above 4499 Grams	9	2.8	0	0.0	2	0.7	2	1.3	1	0.5	3	3.1	1	0.9
Gest. Age: Less than 37 Weeks	42	13.2	3	5.1	36	12.2	22	14.5	18	8.5	10	10.3	10	8.9
APGAR (5 Min.): Less than 8	17	5.4	1	1.7	22	7.6	11	7.2	16	7.6	8	8.2	9	8.0
Infant Care: NICU Admission	41	12.9	2	3.4	19	6.4	13	8.6	14	6.6	15	15.5	11	9.8
Infant Care: Transfer	3	0.9	0	0.0	3	1.0	4	2.6	2	0.9	4	4.1	3	2.7
Place of Birth: At-Home Delivery	5	1.6	0	0.0	4	1.4	0	0.0	11	5.2	0	0.0	3	2.7
Method of Delivery: Cesarean	101	31.9	11	19.0	67	22.7	64	42.1	55	25.9	30	30.9	30	26.8
Infant Care: Breastfed	259	83.3	52	91.2	236	81.7	74	50.3	187	89.5	82	85.4	82	73.2
Mat. Smoking: During Preg.	36	11.4	6	10.2	35	11.9	22	15.1	16	7.5	14	14.4	15	13.4
...Quit Smoking During Preg.	11	3.5	1	1.7	5	1.7	4	2.6	3	1.4	2	2.0	6	5.3
Mat. Wt.: Underweight	11	3.5	2	4.5	14	4.8	1	0.7	7	3.3	6	6.3	7	6.3
Mat. Wt.: Obese	118	37.8	12	27.3	110	37.9	66	44.3	69	32.9	28	29.2	42	37.5
Mat. Sing. Wt. Gain: Low	57	21.0	7	17.5	42	16.6	22	20.4	37	19.4	10	11.8	26	25.7
Mat. Sing. Wt. Gain: High	50	18.5	8	20.0	32	12.6	21	19.4	21	11.0	13	15.3	20	19.8
Mother's Education: Under 12 Yrs.	89	28.3	25	42.4	43	14.6	30	19.9	62	29.2	14	14.4	14	12.6
Marital Status: Out-of-Wedlock	149	47.0	14	23.7	121	41.0	92	60.5	56	26.4	36	37.1	40	35.7
Live Birth Order: 4 or More	81	25.6	9	15.5	45	15.3	18	11.9	46	21.7	10	10.3	18	16.1
Birth Spacing: Less than 18 Mos.	30	15.0	8	21.6	26	13.9	13	14.0	15	9.8	8	12.5	11	14.7
Prenatal Care: 1st Trimester	177	57.1	35	62.5	233	79.8	120	80.5	153	75.7	70	73.7	70	68.0
Prenatal Care: 2nd Trimester	84	27.1	16	28.6	50	17.1	22	14.8	44	21.8	22	23.2	24	23.3
Prenatal Care: 3rd Trimester	38	12.3	3	5.4	5	1.7	7	4.7	5	2.5	3	3.2	7	6.8
Prenatal Care: None	11	3.5	2	3.6	4	1.4	0	0.0	0	0.0	0	0.0	2	1.9
Prenatal Care: Inadequate	92	29.8	20	35.1	45	15.7	19	12.8	36	17.7	21	22.1	24	23.5
Maternal Utilization: Medicaid	189	60.4	13	22.4	146	49.7	93	61.2	56	26.4	36	37.1	40	36.0
Maternal Utilization: WIC	146	47.4	17	28.8	101	34.6	94	62.7	51	24.3	26	26.8	37	33.3
Maternal Utilization: FSP	74	29.6	5	10.0	52	18.0	70	47.9	17	8.1	15	17.0	19	17.1
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0	0	0.0
15-17	3	0.9	1	1.7	5	1.7	5	3.3	4	1.9	1	1.0	2	1.8
18-19	25	7.9	3	5.1	17	5.8	9	5.9	5	2.4	6	6.2	5	4.5
20-24	90	28.4	17	28.8	77	26.1	44	28.9	48	22.6	32	33.0	24	21.4
25-29	98	30.9	21	35.6	90	30.5	60	39.5	64	30.2	25	25.8	40	35.7
30-34	59	18.6	14	23.7	75	25.4	22	14.5	55	25.9	21	21.6	29	25.9
35-39	32	10.1	2	3.4	28	9.5	9	5.9	26	12.3	7	7.2	10	8.9
40 and Over	10	3.2	1	1.7	3	1.0	2	1.3	10	4.7	5	5.2	2	1.8

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	266	100.0	176	100.0	708	100.0	197	100.0	99	100.0	167	100.0	77	100.0
Birth Weight: Under 2500 Grams	16	6.0	16	9.1	79	11.2	13	6.6	9	9.1	11	6.6	6	7.9
Birth Weight: Above 4499 Grams	7	2.6	2	1.1	3	0.4	2	1.0	1	1.0	1	0.6	0	0.0
Gest. Age: Less than 37 Weeks	19	7.1	24	13.6	92	13.1	19	9.6	8	8.1	15	9.0	5	6.5
APGAR (5 Min.): Less than 8	25	9.5	16	9.1	38	5.4	18	9.2	6	6.1	14	8.4	7	9.1
Infant Care: NICU Admission	15	5.6	12	6.8	82	11.6	18	9.1	10	10.1	11	6.6	5	6.5
Infant Care: Transfer	6	2.3	4	2.3	2	0.3	4	2.0	7	7.1	1	0.6	2	2.6
Place of Birth: At-Home Delivery	28	10.5	0	0.0	15	2.1	5	2.5	5	5.1	3	1.8	2	2.6
Method of Delivery: Cesarean	59	22.2	58	33.0	230	32.5	59	29.9	25	25.3	42	25.1	17	22.1
Infant Care: Breastfed	237	89.1	91	53.2	615	88.0	165	83.8	79	82.3	151	91.5	63	81.8
Mat. Smoking: During Preg.	34	12.8	29	16.8	52	7.4	24	12.3	7	7.1	10	6.1	15	19.5
...Quit Smoking During Preg.	5	14.7	5	17.2	10	19.2	5	20.8	3	42.9	3	30.0	4	26.7
Mat. Wt.: Underweight	7	2.7	6	3.5	16	2.3	7	3.6	8	8.2	6	3.6	3	3.9
Mat. Wt.: Obese	95	36.1	74	43.3	242	34.8	85	43.4	31	31.6	57	34.1	32	42.1
Mat. Sing. Wt. Gain: Low	47	19.4	41	29.9	116	19.7	27	15.8	12	13.6	29	19.5	11	15.3
Mat. Sing. Wt. Gain: High	31	12.8	29	21.2	88	15.0	35	20.5	25	28.4	18	12.1	13	18.1
Mother's Education: Under 12 Yrs.	118	44.4	23	13.1	136	19.2	16	8.1	22	22.4	5	3.0	8	10.5
Marital Status: Out-of-Wedlock	67	25.2	98	55.7	277	39.1	63	32.0	31	31.3	34	20.4	29	37.7
Live Birth Order: 4 or More	67	25.2	27	15.4	114	16.1	33	16.8	15	15.2	21	12.6	8	10.4
Birth Spacing: Less than 18 Mos.	23	12.8	18	15.5	57	13.3	12	10.0	10	16.4	13	11.6	4	9.5
Prenatal Care: 1st Trimester	167	64.7	118	68.2	495	70.7	168	86.2	69	71.1	142	88.2	49	67.1
Prenatal Care: 2nd Trimester	80	31.0	43	24.9	159	22.7	18	9.2	23	23.7	17	10.6	17	23.3
Prenatal Care: 3rd Trimester	7	2.7	9	5.2	35	5.0	6	3.1	4	4.1	2	1.2	5	6.8
Prenatal Care: None	4	1.6	3	1.7	11	1.6	3	1.5	1	1.0	0	0.0	2	2.7
Prenatal Care: Inadequate	55	21.3	36	20.8	139	19.8	23	11.8	22	22.9	16	9.9	19	26.0
Maternal Utilization: Medicaid	101	38.0	117	66.5	361	51.4	53	26.9	61	62.2	35	21.0	29	37.7
Maternal Utilization: WIC	80	30.1	93	53.1	249	35.6	43	22.2	53	53.5	24	14.5	32	42.7
Maternal Utilization: FSP	52	19.9	80	46.8	117	17.2	20	10.8	25	28.1	11	6.7	11	25.6
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	4	1.5	2	1.1	16	2.3	0	0.0	3	3.0	1	0.6	2	2.6
18-19	5	1.9	13	7.4	47	6.6	6	3.0	6	6.1	0	0.0	5	6.5
20-24	78	29.3	62	35.2	210	29.7	51	25.9	28	28.3	37	22.2	27	35.1
25-29	84	31.6	54	30.7	220	31.1	64	32.5	36	36.4	60	35.9	19	24.7
30-34	50	18.8	31	17.6	151	21.3	45	22.8	16	16.2	50	29.9	15	19.5
35-39	42	15.8	14	8.0	55	7.8	27	13.7	10	10.1	18	10.8	9	11.7
40 and Over	3	1.1	0	0.0	9	1.3	4	2.0	0	0.0	1	0.6	0	0.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<u>Pemiscot</u>		<u>Perry</u>		<u>Pettis</u>		<u>Phelps</u>		<u>Pike</u>		<u>Platte</u>		<u>Polk</u>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	197	100.0	190	100.0	551	100.0	443	100.0	186	100.0	1,167	100.0	373	100.0
Birth Weight: Under 2500 Grams	32	16.2	14	7.4	47	8.5	34	7.7	13	7.0	85	7.3	18	4.8
Birth Weight: Above 4499 Grams	1	0.5	1	0.5	7	1.3	5	1.1	2	1.1	11	0.9	9	2.4
Gest. Age: Less than 37 Weeks	35	17.8	15	7.9	52	9.4	46	10.4	20	10.8	119	10.2	28	7.5
APGAR (5 Min.): Less than 8	16	8.2	13	6.8	53	9.6	27	6.1	13	7.0	73	6.3	27	7.3
Infant Care: NICU Admission	16	8.1	16	8.4	49	8.9	35	7.9	14	7.5	122	10.5	27	7.2
Infant Care: Transfer	6	3.0	5	2.6	6	1.1	12	2.7	8	4.3	7	0.6	10	2.7
Place of Birth: At-Home Delivery	1	0.5	1	0.5	12	2.2	14	3.2	14	7.5	22	1.9	13	3.5
Method of Delivery: Cesarean	80	40.6	66	34.7	156	28.3	131	29.6	51	27.4	363	31.1	132	35.4
Infant Care: Breastfed	80	41.7	147	78.6	392	72.5	328	74.4	149	80.5	971	87.3	314	84.2
Mat. Smoking: During Preg.	25	12.8	19	10.0	71	13.0	44	10.0	26	14.4	40	3.5	49	13.3
...Quit Smoking During Preg.	4	16.0	3	15.8	10	14.1	9	20.5	6	23.1	12	30.0	16	32.7
Mat. Wt.: Underweight	12	6.2	2	1.1	20	3.7	21	4.8	8	4.3	29	2.6	9	2.4
Mat. Wt.: Obese	80	41.5	77	41.4	195	35.9	155	35.2	61	33.2	323	28.4	134	36.1
Mat. Sing. Wt. Gain: Low	33	21.9	32	20.0	73	15.0	66	16.8	23	14.7	144	14.4	68	20.2
Mat. Sing. Wt. Gain: High	28	18.5	37	23.1	87	17.9	86	21.9	29	18.6	219	21.9	60	17.9
Mother's Education: Under 12 Yrs.	32	16.2	15	7.9	114	20.8	61	13.8	26	14.0	53	4.6	64	17.3
Marital Status: Out-of-Wedlock	145	73.6	78	41.1	246	44.6	180	40.6	79	42.5	335	28.7	114	30.6
Live Birth Order: 4 or More	35	17.8	21	11.1	120	21.8	48	10.8	37	20.0	116	9.9	70	18.8
Birth Spacing: Less than 18 Mos.	34	27.9	25	20.5	47	13.2	35	13.9	15	12.9	71	10.4	29	12.2
Prenatal Care: 1st Trimester	118	61.1	150	80.2	355	66.6	304	69.6	118	67.4	881	76.3	267	72.8
Prenatal Care: 2nd Trimester	53	27.5	30	16.0	139	26.1	103	23.6	40	22.9	214	18.5	73	19.9
Prenatal Care: 3rd Trimester	12	6.2	6	3.2	34	6.4	25	5.7	15	8.6	52	4.5	20	5.4
Prenatal Care: None	10	5.2	1	0.5	5	0.9	5	1.1	2	1.1	8	0.7	7	1.9
Prenatal Care: Inadequate	63	32.5	24	12.8	152	28.3	89	20.5	53	30.3	170	14.7	67	18.3
Maternal Utilization: Medicaid	121	63.7	63	33.2	309	56.4	223	50.5	69	37.3	288	25.2	187	50.3
Maternal Utilization: WIC	111	56.9	59	31.7	215	40.0	155	35.4	53	28.6	194	16.9	129	35.5
Maternal Utilization: FSP	52	59.8	37	20.1	129	24.8	91	20.8	34	19.3	118	12.8	64	17.5
Mother's Age: At Delivery	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0
15-17	3	1.5	0	0.0	10	1.8	6	1.4	1	0.5	2	0.2	3	0.8
18-19	20	10.2	9	4.7	17	3.1	33	7.4	6	3.2	24	2.1	14	3.8
20-24	68	34.5	46	24.2	149	27.0	124	28.0	44	23.7	136	11.7	116	31.1
25-29	59	29.9	72	37.9	164	29.8	147	33.2	60	32.3	347	29.7	121	32.4
30-34	29	14.7	46	24.2	122	22.1	90	20.3	50	26.9	397	34.0	78	20.9
35-39	15	7.6	15	7.9	74	13.4	29	6.5	23	12.4	219	18.8	30	8.0
40 and Over	3	1.5	2	1.1	14	2.5	14	3.2	2	1.1	42	3.6	11	2.9

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	Pulaski		Putnam		Ralls		Randolph		Ray		Reynolds		Ripley	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Live Births	689	100.0	67	100.0	99	100.0	288	100.0	241	100.0	66	100.0	127	100.0
Birth Weight: Under 2500 Grams	55	8.0	5	7.5	8	8.1	19	6.6	20	8.3	6	9.1	16	12.6
Birth Weight: Above 4499 Grams	6	0.9	0	0.0	2	2.0	2	0.7	0	0.0	0	0.0	1	0.8
Gest. Age: Less than 37 Weeks	70	10.2	6	9.0	12	12.1	30	10.4	25	10.4	9	13.6	18	14.2
APGAR (5 Min.): Less than 8	44	6.5	5	7.5	9	9.1	18	6.3	11	4.6	2	3.1	9	7.1
Infant Care: NICU Admission	57	8.3	2	3.0	6	6.1	37	12.8	20	8.3	4	6.1	5	3.9
Infant Care: Transfer	31	4.5	1	1.5	1	1.0	5	1.7	4	1.7	4	6.1	7	5.5
Place of Birth: At-Home Delivery	10	1.5	4	6.0	0	0.0	4	1.4	5	2.1	1	1.5	4	3.1
Method of Delivery: Cesarean	202	29.3	20	29.9	41	41.4	97	33.7	67	27.9	13	19.7	32	25.2
Infant Care: Breastfed	556	81.8	57	86.4	89	91.8	243	84.4	196	83.1	45	68.2	80	63.0
Mat. Smoking: During Preg.	63	9.4	9	13.4	18	18.6	32	11.2	27	11.3	13	20.0	25	19.8
...Quit Smoking During Preg.	13	20.6	1	11.1	1	5.6	4	12.5	4	14.8	1	7.7	4	16.0
Mat. Wt.: Underweight	30	4.4	6	9.2	4	4.1	7	2.5	7	2.9	1	1.5	2	1.7
Mat. Wt.: Obese	217	32.0	24	36.9	34	34.7	119	41.8	93	39.1	24	36.9	38	32.2
Mat. Sing. Wt. Gain: Low	110	18.3	12	20.0	16	20.3	40	15.7	32	15.5	9	16.1	22	22.2
Mat. Sing. Wt. Gain: High	136	22.6	6	10.0	13	16.5	51	20.0	33	15.9	10	17.9	25	25.3
Mother's Education: Under 12 Yrs.	47	6.9	13	19.4	5	5.1	37	12.8	25	10.4	6	9.1	19	15.1
Marital Status: Out-of-Wedlock	195	28.3	14	20.9	40	40.4	141	49.0	86	35.7	30	45.5	60	47.2
Live Birth Order: 4 or More	104	15.1	11	16.4	13	13.1	37	12.8	31	12.9	11	16.7	27	21.3
Birth Spacing: Less than 18 Mos.	60	14.4	3	6.4	8	12.3	29	16.6	23	15.0	4	10.5	8	9.6
Prenatal Care: 1st Trimester	473	70.1	46	68.7	82	82.8	210	74.7	186	77.2	47	71.2	97	77.6
Prenatal Care: 2nd Trimester	152	22.5	19	28.4	14	14.1	46	16.4	48	19.9	15	22.7	17	13.6
Prenatal Care: 3rd Trimester	35	5.2	1	1.5	3	3.0	24	8.5	6	2.5	3	4.5	9	7.2
Prenatal Care: None	15	2.2	1	1.5	0	0.0	1	0.4	1	0.4	1	1.5	2	1.6
Prenatal Care: Inadequate	185	27.5	20	29.9	16	16.2	57	20.1	32	13.3	12	18.2	32	25.4
Maternal Utilization: Medicaid	211	30.8	27	40.3	35	35.4	148	51.6	82	34.9	46	70.8	101	79.5
Maternal Utilization: WIC	196	29.1	24	36.9	23	23.5	110	38.5	54	22.8	37	56.1	69	55.2
Maternal Utilization: FSP	92	13.7	3	6.8	18	20.0	62	21.8	35	15.4	20	30.8	45	38.1
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.8
15-17	8	1.2	0	0.0	1	1.0	3	1.0	1	0.4	0	0.0	2	1.6
18-19	29	4.2	2	3.0	1	1.0	15	5.2	8	3.3	2	3.0	10	7.9
20-24	170	24.7	20	29.9	20	20.2	84	29.2	67	27.8	24	36.4	45	35.7
25-29	231	33.5	27	40.3	41	41.4	106	36.8	86	35.7	21	31.8	33	26.2
30-34	174	25.3	15	22.4	25	25.3	56	19.4	60	24.9	13	19.7	25	19.8
35-39	65	9.4	3	4.5	9	9.1	22	7.6	17	7.1	6	9.1	8	6.3
40 and Over	12	1.7	0	0.0	2	2.0	2	0.7	2	0.8	0	0.0	2	1.6

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	249	100.0	63	100.0	81	100.0	464	100.0	97	100.0	66	100.0	4,252	100.0
Birth Weight: Under 2500 Grams	26	10.4	7	11.1	4	4.9	52	11.2	13	13.4	2	3.0	338	7.9
Birth Weight: Above 4499 Grams	3	1.2	1	1.6	1	1.2	5	1.1	1	1.0	0	0.0	34	0.8
Gest. Age: Less than 37 Weeks	27	10.8	7	11.1	2	2.5	61	13.1	10	10.3	1	1.5	478	11.3
APGAR (5 Min.): Less than 8	22	8.9	5	7.9	5	6.2	31	6.7	6	6.2	2	3.1	190	4.5
Infant Care: NICU Admission	24	9.6	3	4.8	3	3.7	42	9.1	5	5.2	3	4.5	364	8.6
Infant Care: Transfer	12	4.8	2	3.2	4	4.9	11	2.4	2	2.1	0	0.0	58	1.4
Place of Birth: At-Home Delivery	2	0.8	15	23.8	19	23.5	0	0.0	0	0.0	4	6.1	37	0.9
Method of Delivery: Cesarean	92	36.9	14	22.2	12	14.8	154	33.2	24	24.7	21	31.8	1,396	32.9
Infant Care: Breastfed	180	75.6	55	87.3	73	92.4	271	60.0	73	76.0	61	92.4	3,633	86.8
Mat. Smoking: During Preg.	32	13.1	9	14.8	1	1.3	55	11.9	15	16.1	6	9.1	111	2.7
...Quit Smoking During Preg.	6	18.8	2	22.2	0	0.0	13	23.6	2	13.3	0	0.0	33	29.7
Mat. Wt.: Underweight	8	3.3	2	3.4	2	2.5	16	3.5	2	2.2	2	3.1	93	2.2
Mat. Wt.: Obese	89	36.3	23	39.7	18	22.8	195	42.5	33	36.7	22	33.8	1,199	28.8
Mat. Sing. Wt. Gain: Low	36	16.7	9	17.6	10	13.0	87	25.1	19	24.1	13	21.7	457	12.6
Mat. Sing. Wt. Gain: High	51	23.6	3	5.9	9	11.7	64	18.5	15	19.0	11	18.3	740	20.4
Mother's Education: Under 12 Yrs.	48	19.3	28	44.4	60	74.1	48	10.4	11	11.3	10	15.2	143	3.4
Marital Status: Out-of-Wedlock	133	53.4	18	28.6	7	8.6	242	52.2	37	38.1	19	28.8	999	23.5
Live Birth Order: 4 or More	33	13.3	17	27.0	36	44.4	69	14.9	15	15.5	11	16.7	406	9.6
Birth Spacing: Less than 18 Mos.	18	11.5	8	17.8	5	8.1	45	16.1	7	10.8	3	8.3	204	8.5
Prenatal Care: 1st Trimester	194	78.9	40	64.5	45	55.6	350	76.6	65	68.4	51	77.3	2,996	73.5
Prenatal Care: 2nd Trimester	38	15.4	10	16.1	31	38.3	85	18.6	18	18.9	9	13.6	884	21.7
Prenatal Care: 3rd Trimester	13	5.3	10	16.1	4	4.9	19	4.2	10	10.5	6	9.1	150	3.7
Prenatal Care: None	1	0.4	2	3.2	1	1.2	3	0.7	2	2.1	0	0.0	45	1.1
Prenatal Care: Inadequate	40	16.4	25	39.7	40	49.4	71	15.6	21	22.1	11	16.7	581	14.5
Maternal Utilization: Medicaid	118	47.4	24	38.1	12	14.8	253	54.5	61	63.5	24	36.4	696	16.9
Maternal Utilization: WIC	115	47.5	17	28.3	9	11.3	218	47.5	48	50.0	17	25.8	503	12.0
Maternal Utilization: FSP	60	25.0	8	15.7	6	7.7	149	32.3	31	33.0	8	12.9	282	6.8
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Under 15	7	2.8	1	1.6	0	0.0	10	2.2	3	3.1	1	1.5	18	0.4
15-17	7	2.8	4	6.3	2	2.5	26	5.6	4	4.1	2	3.0	56	1.3
18-19	65	26.1	18	28.6	24	29.6	135	29.1	28	28.9	13	19.7	419	9.9
20-24	94	37.8	21	33.3	18	22.2	156	33.6	34	35.1	30	45.5	1,246	29.3
25-29	59	23.7	16	25.4	25	30.9	97	20.9	17	17.5	14	21.2	1,668	39.2
30-34	17	6.8	2	3.2	10	12.3	36	7.8	9	9.3	4	6.1	718	16.9
35-39	0	0.0	1	1.6	2	2.5	4	0.9	2	2.1	2	3.0	126	3.0
40 and Over														

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	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	116	100.0	651	100.0	3,344	100.0	10,475	100.0	178	100.0	334	100.0	269	100.0
Birth Weight: Under 2500 Grams	5	4.3	54	8.3	388	11.6	1,049	10.0	14	7.9	27	8.1	30	11.2
Birth Weight: Above 4499 Grams	1	0.9	6	0.9	25	0.7	61	0.6	1	0.6	3	0.9	1	0.4
Gest. Age: Less than 37 Weeks	8	6.9	66	10.2	418	12.5	1,274	12.2	15	8.4	48	14.4	35	13.0
APGAR (5 Min.): Less than 8	6	5.3	30	4.6	250	7.5	609	5.8	6	3.4	22	6.6	21	7.9
Infant Care: NICU Admission	5	4.3	49	7.5	392	11.7	1,088	10.4	15	8.4	25	7.5	31	11.5
Infant Care: Transfer	1	0.9	28	4.3	173	5.2	251	2.4	10	5.6	14	4.2	6	2.2
Place of Birth: At-Home Delivery	18	15.5	10	1.5	30	0.9	86	0.8	5	2.8	6	1.8	5	1.9
Method of Delivery: Cesarean	21	18.3	206	31.7	942	28.2	3,424	32.8	53	29.8	96	28.7	61	22.7
Infant Care: Breastfed	97	88.2	464	72.5	2,563	77.5	8,490	82.2	131	75.7	207	62.5	219	83.3
Mat. Smoking: During Preg.	16	13.8	91	14.2	223	6.8	399	3.9	19	10.8	54	16.4	51	19.3
...Quit Smoking During Preg.	5	31.3	6	6.6	48	21.5	122	30.6	4	21.1	10	18.5	10	19.6
Mat. Wt.: Underweight	4	3.5	24	3.8	109	3.4	265	2.6	5	2.9	13	4.0	8	3.1
Mat. Wt.: Obese	38	33.6	227	35.8	957	29.9	2,973	29.4	47	26.9	140	43.1	76	29.2
Mat. Sing. Wt. Gain: Low	19	18.1	94	17.3	444	16.4	1,333	15.4	19	12.2	46	18.9	26	11.5
Mat. Sing. Wt. Gain: High	14	13.3	117	21.5	498	18.4	1,711	19.8	34	21.8	45	18.4	45	19.9
Mother's Education: Under 12 Yrs.	33	28.4	72	11.1	491	14.8	669	6.4	8	4.5	44	13.3	40	15.0
Marital Status: Out-of-Wedlock	37	31.9	289	44.4	1,862	55.7	4,137	39.5	60	33.7	155	46.4	110	40.9
Live Birth Order: 4 or More	30	25.9	73	11.2	531	15.9	1,332	12.8	20	11.2	40	12.0	33	12.3
Birth Spacing: Less than 18 Mos.	14	17.9	43	12.3	227	13.5	657	11.1	15	12.4	26	13.2	30	19.2
Prenatal Care: 1st Trimester	77	67.0	447	70.4	1,830	56.7	6,728	66.8	135	77.6	251	76.3	182	67.9
Prenatal Care: 2nd Trimester	29	25.2	143	22.5	811	25.1	2,492	24.7	35	20.1	58	17.6	61	22.8
Prenatal Care: 3rd Trimester	7	6.1	35	5.5	312	9.7	567	5.6	4	2.3	14	4.3	20	7.5
Prenatal Care: None	2	1.7	10	1.6	277	8.6	282	2.8	0	0.0	6	1.8	5	1.9
Prenatal Care: Inadequate	33	28.9	111	17.7	1,141	35.7	2,195	22.2	18	10.4	51	15.4	64	24.0
Maternal Utilization: Medicaid	44	39.3	316	49.4	1,725	52.5	3,356	33.4	51	29.3	187	56.0	144	53.9
Maternal Utilization: WIC	38	33.0	278	43.3	1,160	35.4	2,256	22.1	34	19.2	129	39.4	101	38.1
Maternal Utilization: FSP	25	22.5	147	22.9	1,179	36.1	2,328	22.8	23	13.1	90	27.7	62	23.5
Mother's Age: At Delivery	0	0.0	0	0.0	4	0.1	6	0.1	1	0.6	1	0.3	0	0.0
15-17	1	0.9	8	1.2	60	1.8	85	0.8	0	0.0	4	1.2	1	0.4
18-19	5	4.3	37	5.7	123	3.7	232	2.2	5	2.8	24	7.2	16	5.9
20-24	26	22.4	197	30.3	538	16.1	1,390	13.3	22	12.4	104	31.1	84	31.2
25-29	44	37.9	219	33.7	848	25.4	2,636	25.2	79	44.4	113	33.8	78	29.0
30-34	25	21.6	127	19.5	1,070	32.0	3,803	36.3	51	28.7	55	16.5	60	22.3
35-39	12	10.3	56	8.6	576	17.2	1,941	18.5	14	7.9	26	7.8	22	8.2
40 and Over	3	2.6	6	0.9	125	3.7	379	3.6	6	3.4	7	2.1	8	3.0

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<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	74	100.0	598	100.0	260	100.0	224	100.0	464	100.0	265	100.0	129	100.0
Birth Weight: Under 2500 Grams	4	5.4	52	8.7	15	5.8	13	5.8	31	6.7	28	10.6	14	10.9
Birth Weight: Above 4499 Grams	2	2.7	1	0.2	7	2.7	0	0.0	6	1.3	4	1.5	4	3.1
Gest. Age: Less than 37 Weeks	6	8.1	57	9.5	22	8.5	16	7.1	45	9.7	32	12.1	18	14.0
APGAR (5 Min.): Less than 8	10	13.5	36	6.1	13	5.1	18	8.1	15	3.2	7	2.6	7	5.4
Infant Care: NICU Admission	5	6.8	60	10.0	23	8.8	10	4.5	31	6.7	22	8.3	6	4.7
Infant Care: Transfer	3	4.1	8	1.3	5	1.9	3	1.3	7	1.5	8	3.0	8	6.2
Place of Birth: At-Home Delivery	1	1.4	13	2.2	9	3.5	11	4.9	10	2.2	3	1.1	3	2.3
Method of Delivery: Cesarean	28	37.8	154	25.8	65	25.1	56	25.6	122	26.3	74	27.9	39	30.2
Infant Care: Breastfed	57	78.1	503	85.7	201	79.4	187	83.5	380	83.5	154	58.8	83	64.8
Mat. Smoking: During Preg.	6	8.2	70	11.7	31	12.1	31	13.9	31	6.8	54	21.0	26	20.3
...Quit Smoking During Preg.	0	0.0	18	25.7	8	25.8	4	12.9	8	25.8	2	3.7	5	19.2
Mat. Wt.: Underweight	0	0.0	29	4.9	8	3.1	9	4.1	10	2.2	9	3.5	1	0.8
Mat. Wt.: Obese	29	39.7	159	26.8	86	33.2	82	37.1	160	34.9	108	41.9	48	38.1
Mat. Sing. Wt. Gain: Low	13	19.4	82	15.4	43	18.5	42	20.9	59	14.4	42	19.2	24	24.7
Mat. Sing. Wt. Gain: High	9	13.4	128	24.0	38	16.3	31	15.4	87	21.2	39	17.8	18	18.6
Mother's Education: Under 12 Yrs.	7	9.5	66	11.1	42	16.2	33	14.9	37	8.0	28	10.7	20	15.6
Marital Status: Out-of-Wedlock	30	40.5	243	40.6	89	34.2	116	51.8	158	34.1	142	53.6	45	34.9
Live Birth Order: 4 or More	9	12.2	86	14.4	54	20.8	36	16.1	59	12.7	46	17.4	31	24.0
Birth Spacing: Less than 18 Mos.	6	11.3	60	16.9	30	18.1	18	13.0	33	11.4	29	17.8	16	19.5
Prenatal Care: 1st Trimester	57	77.0	413	69.8	150	58.8	166	76.9	302	69.3	183	70.9	93	72.7
Prenatal Care: 2nd Trimester	14	18.9	141	23.8	74	29.0	43	19.9	107	24.5	58	22.5	24	18.8
Prenatal Care: 3rd Trimester	3	4.1	22	3.7	23	9.0	6	2.8	22	5.0	13	5.0	10	7.8
Prenatal Care: None	0	0.0	16	2.7	8	3.1	1	0.5	5	1.1	4	1.6	1	0.8
Prenatal Care: Inadequate	18	24.3	130	22.0	71	27.7	37	17.5	83	19.3	53	20.8	30	23.6
Maternal Utilization: Medicaid	35	47.3	335	56.1	131	50.4	117	52.5	133	29.3	155	59.4	87	67.4
Maternal Utilization: WIC	34	45.9	232	39.4	126	48.6	89	40.8	95	21.0	156	60.0	57	44.5
Maternal Utilization: FSP	11	15.3	114	19.7	59	23.0	51	25.4	54	12.0	78	30.1	42	32.8
Mother's Age: At Delivery	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	0	0.0	6	1.0	3	1.2	3	1.3	3	0.6	5	1.9	2	1.6
18-19	3	4.1	29	4.8	17	6.5	12	5.4	9	1.9	21	7.9	3	2.3
20-24	22	29.7	168	28.1	89	34.2	80	35.7	97	20.9	82	30.9	37	28.7
25-29	28	37.8	182	30.4	62	23.8	73	32.6	158	34.1	80	30.2	42	32.6
30-34	15	20.3	133	22.2	55	21.2	41	18.3	138	29.7	46	17.4	23	17.8
35-39	5	6.8	67	11.2	28	10.8	13	5.8	51	11.0	26	9.8	20	15.5
40 and Over	1	1.4	12	2.0	6	2.3	2	0.9	8	1.7	5	1.9	2	1.6

Table 10C. Resident Live Births by Selected Characteristics by County: Missouri, 2022

	<u>Webster</u>		<u>Worth</u>		<u>Wright</u>	
	Number	Percent	Number	Percent	Number	Percent
Live Births	617	100.0	24	100.0	258	100.0
Birth Weight: Under 2500 Grams	44	7.1	1	4.2	22	8.5
Birth Weight: Above 4999 Grams	9	1.5	1	4.2	3	1.2
Gest. Age: Less than 37 Weeks	64	10.4	0	0.0	35	13.6
APGAR (5 Min.): Less than 8	35	6.6	1	4.2	16	6.3
Infant Care: NICU Admission	67	10.9	1	4.2	35	13.6
Infant Care: Transfer	7	1.1	0	0.0	5	1.9
Place of Birth: At-Home Delivery	114	18.5	0	0.0	14	5.4
Method of Delivery: Cesarean	148	24.0	7	29.2	67	26.0
Infant Care: Breastfed	542	88.7	18	75.0	210	83.3
Mat. Smoking: During Preg.	49	8.0	2	8.3	28	10.9
...Quit Smoking During Preg.	10	20.4	0	0.0	5	17.9
Mat. Wt.: Underweight	15	2.5	1	4.2	5	2.0
Mat. Wt.: Obese	200	33.3	7	29.2	90	36.1
Mat. Sing. Wt. Gain: Low	78	14.7	4	16.7	35	16.6
Mat. Sing. Wt. Gain: High	92	17.3	6	25.0	34	16.1
Mother's Education: Under 12 Yrs.	206	33.4	1	4.2	57	22.1
Marital Status: Out-of-Wedlock	134	21.7	13	54.2	89	34.5
Live Birth Order: 4 or More	161	26.1	2	8.3	71	27.5
Birth Spacing: Less than 18 Mos.	90	21.8	0	0.0	31	19.7
Prenatal Care: 1st Trimester	343	56.9	20	83.3	157	61.6
Prenatal Care: 2nd Trimester	166	27.5	4	16.7	68	26.7
Prenatal Care: 3rd Trimester	64	10.6	0	0.0	23	9.0
Prenatal Care: None	30	5.0	0	0.0	7	2.7
Prenatal Care: Inadequate	236	39.4	2	8.3	75	29.6
Maternal Utilization: Medicaid	191	31.0	9	37.5	131	50.8
Maternal Utilization: WIC	149	24.3	5	20.8	116	45.8
Maternal Utilization: FSP	68	11.2	4	16.7	67	26.5
Mother's Age: At Delivery	1	0.2	0	0.0	0	0.0
15-17	3	0.5	0	0.0	3	1.2
18-19	33	5.3	1	4.2	16	6.2
20-24	193	31.3	8	33.3	71	27.5
25-29	200	32.4	8	33.3	88	34.1
30-34	112	18.2	6	25.0	55	21.3
35-39	50	8.1	1	4.2	22	8.5
40 and Over	25	4.1	0	0.0	3	1.2

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2022

	<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	311	100.0	639	100.0	443	100.0	393	100.0	1,322	100.0	628	100.0
Birth Weight: Under 2500 Grams	22	7.1	58	9.1	36	8.1	35	8.9	131	9.9	79	12.6
Birth Weight: Above 4499 Grams	3	1.0	5	0.8	5	1.1	3	0.8	11	0.8	3	0.5
Gest. Age: Less than 37 Weeks	34	10.9	80	12.5	44	9.9	30	7.6	133	10.1	95	15.2
APGAR (5 Min.): Less than 8	13	4.2	54	8.5	20	4.5	19	4.8	101	7.7	38	6.1
Infant Care: NICU Admission	22	7.1	73	11.4	33	7.4	22	5.6	180	13.6	74	11.8
Infant Care: Transfer	2	0.6	3	0.5	4	0.9	5	1.3	10	0.8	16	2.5
Place of Birth: At-Home Delivery	1	0.3	13	2.0	4	0.9	6	1.5	21	1.6	7	1.1
Method of Delivery: Cesarean	107	34.4	195	30.5	155	35.0	134	34.2	485	36.7	224	35.7
Infant Care: Breastfed	277	91.4	564	89.1	306	69.2	362	93.1	1,162	89.4	474	77.3
Mat. Smoking: During Preg.	5	1.7	16	2.5	46	10.6	4	1.0	59	4.5	28	4.7
...Quit Smoking During Preg.	1	20.0	5	31.3	8	17.4	1	25.0	15	25.4	3	10.7
Mat. Wt.: Underweight	7	2.3	21	3.3	12	2.7	12	3.1	30	2.4	11	1.8
Mat. Wt.: Obese	66	21.6	216	34.1	166	38.0	69	17.8	396	31.1	245	41.0
Mat. Sing. Wt. Gain: Low	23	8.7	87	15.8	61	19.5	33	9.6	189	16.7	114	22.9
Mat. Sing. Wt. Gain: High	47	17.9	126	22.9	60	19.2	48	14.0	230	20.3	95	19.1
Mother's Education: Under 12 Yrs.	4	1.3	33	5.2	55	12.4	5	1.3	88	6.7	34	5.4
Marital Status: Out-of-Wedlock	32	10.3	191	29.9	226	51.0	43	10.9	445	33.7	404	64.3
Live Birth Order: 4 or More	28	9.0	71	11.1	74	16.8	34	8.7	120	9.1	108	17.3
Birth Spacing: Less than 18 Mos.	15	8.1	35	8.8	39	14.1	24	10.2	67	9.4	57	15.4
Prenatal Care: 1st Trimester	233	76.9	490	77.0	323	73.6	281	74.9	1,045	80.0	396	65.2
Prenatal Care: 2nd Trimester	57	18.8	120	18.9	87	19.8	74	19.7	203	15.5	169	27.8
Prenatal Care: 3rd Trimester	12	4.0	21	3.3	27	6.2	11	2.9	51	3.9	24	4.0
Prenatal Care: None	1	0.3	5	0.8	2	0.5	9	2.4	7	0.5	18	3.0
Prenatal Care: Inadequate	41	13.8	74	11.7	78	17.8	54	14.7	202	15.7	159	26.7
Maternal Utilization: Medicaid	31	10.5	161	25.3	212	47.9	41	11.0	433	32.8	281	46.3
Maternal Utilization: WIC	18	5.9	77	12.1	147	33.6	30	7.9	291	22.4	193	31.3
Maternal Utilization: FSP	9	2.9	59	10.4	150	34.5	8	2.1	216	16.7	226	37.0
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	12	2.7	1	0.3	9	0.7	6	1.0
18-19	0	0.0	13	2.0	24	5.4	3	0.8	33	2.5	22	3.5
20-24	21	6.8	89	13.9	82	18.5	12	3.1	185	14.0	130	20.7
25-29	67	21.5	228	35.7	118	26.6	68	17.3	426	32.2	179	28.5
30-34	126	40.5	198	31.0	136	30.7	180	45.9	417	31.6	185	29.5
35-39	83	26.7	85	13.3	57	12.9	104	26.5	214	16.2	87	13.9
40 and Over	14	4.5	22	3.4	14	3.2	24	6.1	37	2.8	18	2.9

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2022

	<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	308	100.0	366	100.0	298	100.0	1,369	100.0	426	100.0	611	100.0
Birth Weight: Under 2500 Grams	25	8.1	30	8.2	40	13.4	145	10.6	50	11.7	49	8.0
Birth Weight: Above 4499 Grams	2	0.6	4	1.1	2	0.7	14	1.0	7	1.6	5	0.8
Gest. Age: Less than 37 Weeks	24	7.8	30	8.2	56	18.9	178	13.0	63	14.8	73	12.0
APGAR (5 Min.): Less than 8	21	6.8	20	5.5	24	8.1	125	9.2	22	5.2	39	6.4
Infant Care: NICU Admission	26	8.4	41	11.2	45	15.1	184	13.4	35	8.2	68	11.1
Infant Care: Transfer	2	0.6	1	0.3	9	3.0	14	1.0	4	0.9	1	0.2
Place of Birth: At-Home Delivery	5	1.6	23	6.3	4	1.3	26	1.9	7	1.6	3	0.5
Method of Delivery: Cesarean	90	29.2	98	26.8	101	34.0	388	28.4	130	30.5	222	36.3
Infant Care: Breastfed	236	81.4	302	82.7	219	73.7	1,110	82.2	351	83.6	511	84.7
Mat. Smoking: During Preg.	20	6.5	16	4.4	16	5.5	135	9.9	41	9.8	70	11.5
...Quit Smoking During Preg.	5	25.0	9	56.3	3	18.8	31	23.0	10	24.4	18	25.7
Mat. Wt.: Underweight	8	2.7	12	3.3	15	5.3	50	3.8	6	1.4	16	2.6
Mat. Wt.: Obese	86	29.1	129	35.7	109	38.2	497	37.5	159	37.7	215	35.6
Mat. Sing. Wt. Gain: Low	52	19.4	66	20.6	45	20.0	208	18.2	69	19.7	107	20.4
Mat. Sing. Wt. Gain: High	43	16.0	68	21.2	48	21.3	258	22.6	65	18.6	94	17.9
Mother's Education: Under 12 Yrs.	21	6.9	62	17.1	20	6.8	222	16.3	37	8.7	94	15.4
Marital Status: Out-of-Wedlock	133	43.2	176	48.1	180	60.4	796	58.1	194	45.5	303	49.6
Live Birth Order: 4 or More	38	12.3	53	14.5	45	15.2	210	15.4	59	13.8	80	13.1
Birth Spacing: Less than 18 Mos.	21	12.4	36	16.7	19	11.9	98	12.4	35	15.6	45	13.5
Prenatal Care: 1st Trimester	206	67.8	235	65.1	172	59.9	920	68.4	330	79.7	418	69.3
Prenatal Care: 2nd Trimester	75	24.7	87	24.1	80	27.9	305	22.7	69	16.7	150	24.9
Prenatal Care: 3rd Trimester	16	5.3	30	8.3	26	9.1	90	6.7	10	2.4	24	4.0
Prenatal Care: None	7	2.3	9	2.5	9	3.1	30	2.2	5	1.2	11	1.8
Prenatal Care: Inadequate	69	22.8	98	27.1	73	26.2	311	23.2	50	12.1	126	21.0
Maternal Utilization: Medicaid	112	37.6	191	52.9	140	49.1	751	55.1	183	43.1	330	54.6
Maternal Utilization: WIC	66	21.4	136	37.9	102	34.7	497	36.7	137	32.5	226	37.7
Maternal Utilization: FSP	49	18.1	79	30.7	99	34.3	349	28.3	105	25.2	160	27.3
Mother's Age: At Delivery	0	0.0	0	0.0	0	0.0	2	0.1	0	0.0	1	0.2
15-17	0	0.0	2	0.5	3	1.0	23	1.7	6	1.4	10	1.6
18-19	14	4.5	13	3.6	7	2.3	66	4.8	17	4.0	39	6.4
20-24	62	20.1	98	26.8	62	20.8	373	27.2	94	22.1	184	30.1
25-29	88	28.6	105	28.7	95	31.9	424	31.0	134	31.5	182	29.8
30-34	92	29.9	90	24.6	91	30.5	312	22.8	113	26.5	135	22.1
35-39	43	14.0	47	12.8	36	12.1	146	10.7	50	11.7	51	8.3
40 and Over	9	2.9	11	3.0	4	1.3	23	1.7	12	2.8	9	1.5

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2022

	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	549	100.0	62	100.0	6,592	100.0	4,177	100.0	1,792	100.0	623	100.0
Birth Weight: Under 2500 Grams	42	7.7	7	11.3	682	10.3	495	11.9	149	8.3	38	6.1
Birth Weight: Above 4499 Grams	5	0.9	0	0.0	41	0.6	24	0.6	10	0.6	7	1.1
Gest. Age: Less than 37 Weeks	65	11.9	8	13.1	719	10.9	488	11.7	169	9.4	62	10.0
APGAR (5 Min.): Less than 8	31	5.6	8	12.9	418	6.4	266	6.4	113	6.3	39	6.3
Infant Care: NICU Admission	61	11.1	7	11.3	777	11.8	555	13.3	163	9.1	59	9.5
Infant Care: Transfer	1	0.2	0	0.0	89	1.4	66	1.6	19	1.1	4	0.6
Place of Birth: At-Home Delivery	3	0.5	0	0.0	139	2.1	90	2.2	39	2.2	10	1.6
Method of Delivery: Cesarean	193	35.2	29	46.8	1,918	29.1	1,227	29.4	498	27.8	193	31.0
Infant Care: Breastfed	457	84.5	54	87.1	5,196	81.3	3,224	78.6	1,458	86.0	514	86.7
Mat. Smoking: During Preg.	65	11.9	5	8.1	318	4.9	219	5.3	78	4.4	21	3.4
...Quit Smoking During Preg.	18	27.7	0	0.0	93	29.2	59	26.9	27	34.6	7	33.3
Mat. Wt.: Underweight	15	2.8	1	1.6	198	3.1	135	3.4	41	2.3	22	3.6
Mat. Wt.: Obese	195	36.0	20	32.3	1,973	31.1	1,270	31.9	525	30.0	178	29.4
Mat. Sing. Wt. Gain: Low	100	21.1	7	13.7	945	17.0	624	17.9	239	15.4	82	15.4
Mat. Sing. Wt. Gain: High	87	18.4	7	13.7	1,101	19.8	664	19.1	325	20.9	112	21.1
Mother's Education: Under 12 Yrs.	88	16.1	6	9.7	868	13.2	750	18.1	85	4.8	33	5.3
Marital Status: Out-of-Wedlock	277	50.5	26	41.9	3,142	47.7	2,383	57.1	564	31.5	195	31.3
Live Birth Order: 4 or More	73	13.3	7	11.3	958	14.5	704	16.9	189	10.5	65	10.4
Birth Spacing: Less than 18 Mos.	42	14.1	3	8.3	462	12.4	314	13.3	106	10.6	42	11.8
Prenatal Care: 1st Trimester	377	69.6	41	67.2	4,312	66.8	2,512	61.5	1,354	77.1	446	72.3
Prenatal Care: 2nd Trimester	131	24.2	19	31.1	1,557	24.1	1,117	27.4	308	17.5	132	21.4
Prenatal Care: 3rd Trimester	23	4.2	1	1.6	426	6.6	311	7.6	82	4.7	33	5.3
Prenatal Care: None	11	2.0	0	0.0	161	2.5	142	3.5	13	0.7	6	1.0
Prenatal Care: Inadequate	113	21.0	13	21.0	1,643	25.5	1,255	30.8	276	15.8	112	18.1
Maternal Utilization: Medicaid	301	55.4	29	47.5	2,940	45.2	2,274	55.1	488	27.7	178	29.1
Maternal Utilization: WIC	208	38.7	18	29.5	1,913	29.5	1,485	36.2	300	17.0	128	21.0
Maternal Utilization: FSP	150	28.6	10	16.1	1,526	29.1	1,236	38.6	216	14.1	74	14.6
Mother's Age: At Delivery	1	0.2	0	0.0	3	0.0	1	0.0	2	0.1	0	0.0
15-17	8	1.5	2	3.2	93	1.4	81	1.9	10	0.6	2	0.3
18-19	36	6.6	3	4.8	250	3.8	194	4.6	39	2.2	17	2.7
20-24	168	30.6	16	25.8	1,238	18.8	894	21.4	269	15.0	75	12.0
25-29	164	29.9	18	29.0	1,883	28.6	1,159	27.8	545	30.4	179	28.7
30-34	120	21.9	15	24.2	1,994	30.3	1,163	27.8	616	34.4	215	34.5
35-39	43	7.8	8	12.9	934	14.2	577	13.8	244	13.6	113	18.1
40 and Over	9	1.6	0	0.0	196	3.0	107	2.6	67	3.7	22	3.5

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2022

	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	292	100.0	995	100.0	302	100.0	407	100.0	937	100.0
Birth Weight: Under 2500 Grams	0	0.0	19	6.5	91	9.1	22	7.3	44	10.8	65	6.9
Birth Weight: Above 4499 Grams	0	0.0	1	0.3	8	0.8	7	2.3	0	0.0	6	0.6
Gest. Age: Less than 37 Weeks	0	0.0	23	7.9	100	10.1	38	12.6	50	12.3	102	10.9
APGAR (5 Min.): Less than 8	0	0.0	15	5.2	48	4.8	16	5.3	26	6.4	37	4.0
Infant Care: NICU Admission	0	0.0	36	12.3	121	12.2	32	10.6	34	8.4	79	8.4
Infant Care: Transfer	0	0.0	6	2.1	4	0.4	5	1.7	8	2.0	15	1.6
Place of Birth: At-Home Delivery	0	0.0	3	1.0	29	2.9	9	3.0	1	0.2	8	0.9
Method of Delivery: Cesarean	0	0.0	85	29.2	275	27.6	86	28.6	138	34.1	307	32.8
Infant Care: Breastfed	0	0.0	268	92.4	907	91.9	254	87.0	347	86.5	813	88.4
Mat. Smoking: During Preg.	0	0.0	1	0.4	17	1.7	12	4.0	12	3.1	28	3.1
...Quit Smoking During Preg.	0	0.0	0	0.0	2	11.8	2	16.7	4	33.3	10	35.7
Mat. Wt.: Underweight	0	0.0	3	1.1	23	2.3	8	2.7	12	3.1	24	2.6
Mat. Wt.: Obese	0	0.0	39	13.7	264	26.8	96	32.5	115	29.6	243	26.6
Mat. Sing. Wt. Gain: Low	0	0.0	17	6.7	103	11.7	39	15.9	61	18.1	109	13.6
Mat. Sing. Wt. Gain: High	0	0.0	49	19.4	169	19.1	50	20.4	48	14.2	152	18.9
Mother's Education: Under 12 Yrs.	0	0.0	0	0.0	18	1.8	10	3.3	17	4.2	35	3.7
Marital Status: Out-of-Wedlock	0	0.0	35	12.0	217	21.8	66	21.9	128	31.4	231	24.7
Live Birth Order: 4 or More	0	0.0	18	6.2	93	9.3	46	15.3	25	6.2	77	8.2
Birth Spacing: Less than 18 Mos.	0	0.0	14	8.1	43	7.6	18	10.3	19	9.4	56	10.3
Prenatal Care: 1st Trimester	0	0.0	232	81.4	747	75.8	235	79.9	267	68.3	639	70.1
Prenatal Care: 2nd Trimester	0	0.0	45	15.8	214	21.7	45	15.3	93	23.8	226	24.8
Prenatal Care: 3rd Trimester	0	0.0	7	2.5	21	2.1	8	2.7	21	5.4	38	4.2
Prenatal Care: None	0	0.0	1	0.4	4	0.4	6	2.0	10	2.6	8	0.9
Prenatal Care: Inadequate	0	0.0	19	6.7	135	13.7	36	12.4	68	17.6	127	14.2
Maternal Utilization: Medicaid	0	0.0	20	7.2	169	17.0	55	18.5	83	21.2	162	17.8
Maternal Utilization: WIC	0	0.0	12	4.2	83	8.4	28	9.4	55	14.4	105	11.5
Maternal Utilization: FSP	0	0.0	11	3.8	72	9.4	26	9.5	41	10.8	50	5.5
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	3	0.3	0	0.0	1	0.2	6	0.6
15-17	0	0.0	0	0.0	16	1.6	6	2.0	3	0.7	14	1.5
18-19	0	0.0	2	0.7	100	10.1	40	13.2	52	12.8	93	9.9
20-24	0	0.0	8	2.7	283	28.4	101	33.4	128	31.4	269	28.7
25-29	0	0.0	134	45.9	396	39.8	110	36.4	138	33.9	381	40.7
30-34	0	0.0	85	29.1	164	16.5	38	12.6	72	17.7	148	15.8
35-39	0	0.0	12	4.1	33	3.3	7	2.3	13	3.2	26	2.8
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, 2022

	<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	301	100.0	702	100.0	880	100.0	3,344	100.0	547	100.0	1,860	100.0
Birth Weight: Under 2500 Grams	36	12.0	64	9.1	100	11.4	388	11.6	43	7.9	191	10.3
Birth Weight: Above 4499 Grams	1	0.3	8	1.1	4	0.5	25	0.7	4	0.7	15	0.8
Gest. Age: Less than 37 Weeks	40	13.3	86	12.3	101	11.5	418	12.5	69	12.6	237	12.7
APGAR (5 Min.): Less than 8	16	5.3	35	5.0	37	4.2	250	7.5	25	4.6	90	4.9
Infant Care: NICU Admission	36	12.0	62	8.8	90	10.2	392	11.7	41	7.5	254	13.7
Infant Care: Transfer	3	1.0	8	1.1	14	1.6	173	5.2	5	0.9	14	0.8
Place of Birth: At-Home Delivery	7	2.3	8	1.1	5	0.6	30	0.9	4	0.7	22	1.2
Method of Delivery: Cesarean	93	30.9	240	34.3	238	27.0	942	28.2	182	33.3	557	29.9
Infant Care: Breastfed	249	84.4	604	87.7	645	74.1	2,563	77.5	474	87.5	1,472	81.3
Mat. Smoking: During Preg.	23	7.7	22	3.2	126	14.4	223	6.8	16	3.0	240	13.0
...Quit Smoking During Preg.	7	30.4	7	31.8	33	26.2	48	21.5	4	25.0	66	27.5
Mat. Wt.: Underweight	6	2.0	20	2.9	25	2.9	109	3.4	12	2.2	74	4.1
Mat. Wt.: Obese	123	41.4	213	31.0	311	35.6	957	29.9	168	31.5	578	31.9
Mat. Sing. Wt. Gain: Low	54	21.4	67	11.3	119	15.5	444	16.4	59	12.8	238	15.4
Mat. Sing. Wt. Gain: High	46	18.3	127	21.5	192	25.0	498	18.4	99	21.5	389	25.1
Mother's Education: Under 12 Yrs.	24	8.0	39	5.6	170	19.3	491	14.8	21	3.9	272	14.7
Marital Status: Out-of-Wedlock	161	53.5	204	29.1	491	55.8	1,862	55.7	140	25.6	935	50.3
Live Birth Order: 4 or More	37	12.3	55	7.9	139	15.8	531	15.9	45	8.2	262	14.1
Birth Spacing: Less than 18 Mos.	21	12.2	37	10.4	97	17.4	227	13.5	25	8.5	154	14.9
Prenatal Care: 1st Trimester	208	70.3	490	72.9	665	76.1	1,830	56.7	408	77.3	1,219	67.1
Prenatal Care: 2nd Trimester	68	23.0	141	21.0	147	16.8	811	25.1	100	18.9	374	20.6
Prenatal Care: 3rd Trimester	17	5.7	25	3.7	42	4.8	312	9.7	17	3.2	115	6.3
Prenatal Care: None	3	1.0	16	2.4	20	2.3	277	8.6	3	0.6	109	6.0
Prenatal Care: Inadequate	63	21.4	118	17.9	150	17.2	1,141	35.7	67	12.8	499	27.7
Maternal Utilization: Medicaid	141	47.0	158	23.3	498	56.9	1,725	52.5	85	16.0	938	50.6
Maternal Utilization: WIC	94	31.6	106	15.4	333	38.4	1,160	35.4	66	12.3	858	46.8
Maternal Utilization: FSP	80	31.4	61	8.9	260	31.4	1,179	36.1	40	7.4	470	25.7
Mother's Age: At Delivery	0	0.0	0	0.0	2	0.2	4	0.1	0	0.0	1	0.1
15-17	4	1.3	4	0.6	17	1.9	60	1.8	3	0.5	33	1.8
18-19	8	2.7	9	1.3	46	5.2	123	3.7	7	1.3	103	5.5
20-24	61	20.3	79	11.3	249	28.3	538	16.1	52	9.5	504	27.1
25-29	114	37.9	235	33.5	268	30.5	848	25.4	167	30.5	574	30.9
30-34	64	21.3	248	35.4	192	21.8	1,070	32.0	207	37.8	424	22.8
35-39	38	12.6	108	15.4	95	10.8	576	17.2	93	17.0	193	10.4
40 and Over	12	4.0	18	2.6	10	1.1	125	3.7	18	3.3	28	1.5

Table 10D. Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2022

	<u>University City</u>		<u>Wentzville</u>		<u>Widwood</u>	
	Number	Percent	Number	Percent	Number	Percent
Live Births	413	100.0	588	100.0	253	100.0
Birth Weight: Under 2500 Grams	28	6.8	53	9.0	16	6.3
Birth Weight: Above 4499 Grams	3	0.7	4	0.7	1	0.4
Gest. Age: Less than 37 Weeks	49	11.9	66	11.2	23	9.1
APGAR (5 Min.): Less than 8	26	6.4	25	4.3	9	3.6
Infant Care: NICU Admission	36	8.7	43	7.3	18	7.1
Infant Care: Transfer	9	2.2	6	1.0	4	1.6
Place of Birth: At-Home Delivery	6	1.5	3	0.5	4	1.6
Method of Delivery: Cesarean	118	28.7	189	32.1	71	28.1
Infant Care: Breastfed	355	87.0	495	85.3	228	91.6
Mat. Smoking: During Preg.	8	2.0	9	1.5	0	0.0
...Quit Smoking During Preg.	6	75.0	3	33.3	0	0.0
Mat. Wt.: Underweight	14	3.5	11	1.9	8	3.2
Mat. Wt.: Obese	87	21.5	185	31.7	36	14.5
Mat. Sing. Wt. Gain: Low	39	11.3	68	13.4	13	5.9
Mat. Sing. Wt. Gain: High	61	17.7	108	21.2	50	22.6
Mother's Education: Under 12 Yrs.	19	4.6	9	1.5	1	0.4
Marital Status: Out-of-Wedlock	130	31.5	112	19.0	18	7.1
Live Birth Order: 4 or More	44	10.7	74	12.6	21	8.4
Birth Spacing: Less than 18 Mos.	19	8.9	26	7.2	11	6.9
Prenatal Care: 1st Trimester	288	73.8	419	76.6	179	74.3
Prenatal Care: 2nd Trimester	75	19.2	105	19.2	57	23.7
Prenatal Care: 3rd Trimester	16	4.1	21	3.8	5	2.1
Prenatal Care: None	11	2.8	2	0.4	0	0.0
Prenatal Care: Inadequate	73	19.5	79	14.6	33	13.9
Maternal Utilization: Medicaid	109	27.8	74	12.9	10	4.1
Maternal Utilization: WIC	71	17.7	51	8.8	6	2.4
Maternal Utilization: FSP	78	19.3	38	6.5	7	2.8
Mother's Age: At Delivery						
Under 15	0	0.0	0	0.0	0	0.0
15-17	4	1.0	2	0.3	0	0.0
18-19	9	2.2	8	1.4	0	0.0
20-24	42	10.2	53	9.0	5	2.0
25-29	110	26.6	179	30.4	52	20.6
30-34	155	37.5	229	38.9	117	46.2
35-39	78	18.9	106	18.0	70	27.7
40 and Over	15	3.6	11	1.9	9	3.6

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Ages by Selected Counties by Residence: Missouri, 2022

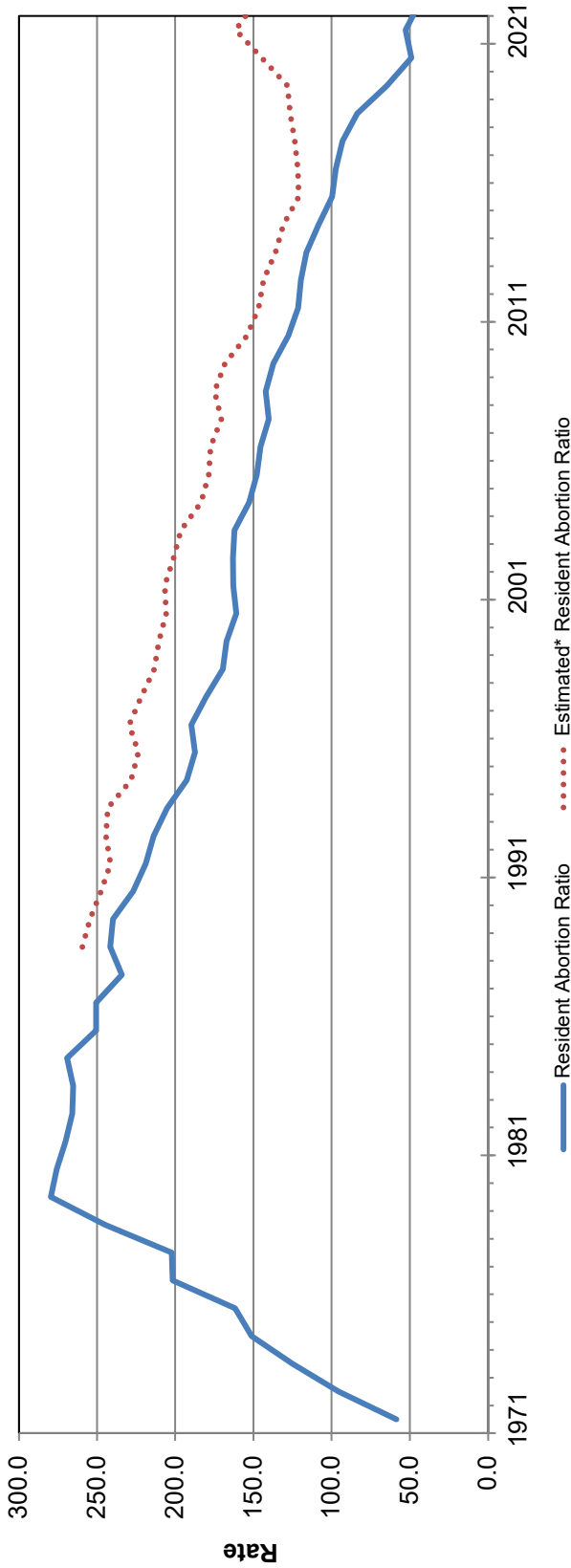
	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
State Total	3,565	883	2,682	256	50	206
Adair	10	3	7	0	0	0
Andrew	11	3	8	2	0	2
Atchison	2	1	1	0	0	0
Audrain	18	6	12	0	0	0
Barry	31	7	24	1	0	1
Barton	8	3	5	1	0	1
Bates	12	4	8	1	0	1
Benton	14	4	10	0	0	0
Bollinger	7	2	5	0	0	0
Boone	68	19	49	7	3	4
Buchanan	75	21	54	7	1	6
Butler	50	15	35	0	0	0
Caldwell	8	2	6	1	0	1
Callaway	18	6	12	0	0	0
Camden	23	8	15	1	0	1
Cape Girardeau	57	23	34	0	0	0
Carroll	4	0	4	1	0	1
Carter	2	1	1	0	0	0
Cass	72	13	59	14	2	12
Cedar	10	3	7	0	0	0
Chariton	8	2	6	1	0	1
Christian	33	8	25	1	0	1
Clark	6	1	5	0	0	0
Clay	114	24	90	25	8	17
Clinton	14	3	11	3	1	2
Cole	43	13	30	2	1	1
Cooper	8	0	8	0	0	0
Crawford	20	7	13	0	0	0
Dade	7	2	5	0	0	0
Dallas	14	2	12	0	0	0
Daviess	4	1	3	0	0	0
Dekalb	9	2	7	1	0	1
Dent	11	0	11	0	0	0
Douglas	9	1	8	0	0	0
Dunklin	36	15	21	1	0	1
Franklin	50	19	31	0	0	0
Gasconade	7	5	2	0	0	0
Gentry	5	0	5	0	0	0
Greene	203	49	154	8	0	8
Grundy	7	2	5	0	0	0
Harrison	2	0	2	2	0	2
Henry	14	1	13	0	0	0
Hickory	3	0	3	1	0	1
Holt	1	0	1	0	0	0
Howard	4	2	2	0	0	0
Howell	44	8	36	0	0	0
Iron	6	2	4	0	0	0
Jackson	589	152	437	138	26	112
Jasper	129	31	98	3	1	2
Jefferson	73	18	55	0	0	0
Johnson	36	4	32	7	0	7
Knox	2	0	2	0	0	0
Laclede	37	2	35	0	0	0
Lafayette	18	4	14	2	0	2
Lawrence	29	3	26	0	0	0
Lewis	4	0	4	0	0	0
Lincoln	24	3	21	0	0	0
Linn	7	0	7	0	0	0
Livingston	9	2	7	0	0	0

Table 11. Resident Teen-Age Pregnancies and Abortions by Selected Ages by County of Residence: Missouri, 2022

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
	Ripley	13	3	10	0	0
Saline	16	8	8	2	1	1
Schuyler	7	3	4	2	2	0
Scotland	2	0	2	0	0	0
Scott	36	10	26	0	0	0
Shannon	7	3	4	0	0	0
Shelby	3	1	2	0	0	0
St. Charles	75	18	57	1	0	1
St. Clair	6	1	5	0	0	0
St. Francois	45	8	37	0	0	0
St. Louis City	188	64	124	1	0	1
St. Louis County	324	91	233	1	0	1
Ste. Genevieve	6	1	5	0	0	0
Stoddard	29	5	24	0	0	0
Stone	17	1	16	0	0	0
Sullivan	3	0	3	0	0	0
Taney	36	7	29	0	0	0
Texas	20	3	17	0	0	0
Vernon	17	4	13	2	1	1
Warren	12	3	9	0	0	0
Washington	26	5	21	0	0	0
Wayne	5	2	3	0	0	0
Webster	37	4	33	0	0	0
Worth	1	0	1	0	0	0
Wright	19	3	16	0	0	0

	Total Pregnancies			Abortions		
	Under 20	Under 18	18-19	Under 20	Under 18	18-19
	Macon	12	5	7	2	1
Madison	10	5	5	0	0	0
Maries	8	0	8	0	0	0
Marion	11	2	9	0	0	0
McDonald	29	3	26	1	0	1
Mercer	4	1	3	0	0	0
Miller	23	5	18	1	0	1
Mississippi	15	6	9	0	0	0
Moniteau	9	4	5	0	0	0
Monroe	7	1	6	0	0	0
Montgomery	7	2	5	0	0	0
Morgan	10	4	6	1	0	1
New Madrid	15	2	13	0	0	0
Newton	64	16	48	1	0	1
Nodaway	6	0	6	0	0	0
Oregon	9	3	6	0	0	0
Osage	1	1	0	0	0	0
Ozark	7	2	5	0	0	0
Pemiscot	23	3	20	0	0	0
Perry	9	0	9	0	0	0
Pettis	29	11	18	1	0	1
Phelps	39	6	33	0	0	0
Pike	7	1	6	0	0	0
Platte	32	4	28	6	2	4
Polk	17	3	14	0	0	0
Pulaski	37	8	29	0	0	0
Putnam	2	0	2	0	0	0
Ralls	3	1	2	1	0	1
Randolph	18	3	15	0	0	0
Ray	10	1	9	1	0	1
Reynolds	2	0	2	0	0	0

Graph D. Resident Abortion Ratios per 1,000 Live Births: Missouri, 1971-2022



Year	Recorded	Resident	Resident Ratio	Estimated*	Estimated* Resident	Estimated* Resident Ratio	Year	Recorded	Resident	Resident Ratio	Estimated*	Estimated* Resident	Estimated* Resident Ratio
1971	---	4,582	58.5	---	---	---	2010	6,163	9,796	127.7	11,823	11,823	154.1
1975	10,245	11,077	161.8	---	---	---	2015	4,765	7,474	99.6	9,083	9,083	121.0
1980	19,043	21,671	275.8	---	---	---	2017	3,903	6,790	93.0	9,029	9,029	123.6
1985	19,482	19,210	250.5	---	---	---	2018	2,910	6,125	83.6	9,271	9,271	126.5
1990	16,366	17,947	226.8	19,582	19,582	247.5	2019	1,471	4,660	64.6	9,254	9,254	128.3
1995	11,203	13,635	187.3	16,281	16,281	223.6	2020	167	3,391	48.9	10,018	10,018	144.6
2000	7,884	12,292	161.0	15,710	15,710	205.8	2021	150	3,653	52.7	11,185	11,185	161.5
2005	7,977	11,619	147.9	14,025	14,025	178.6	2022	88	3,012	43.7	10,255	10,255	148.7

Source: 1971-1974 Centers for Disease Control; 1975-2022 Missouri Department of Health & Senior Services.

Graph D Abortion Definitions:

Recorded: Abortions performed in a facility located in Missouri.

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

*Estimated Resident: Resident abortions as defined above plus estimated Missouri resident counts from Illinois for 1988-2022 and Tennessee in 1997-2005, Arkansas 2014-2017, and Oklahoma 2019-2022. See Appendix under Vital Records for more information.

Table 12A. Resident Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2022

	Total	Weeks of Gestation									
		Under 9	9-10	11-12	13-14	15-16	17-19	20	21 and Over	Unknown	
State Total	3,012	1,792	620	224	141	82	100	28	25	0	
Patient's Race											
White, Non-Hispanic	1,428	903	273	85	64	34	45	11	13	0	
Black, Non-Hispanic	1,067	584	247	93	52	35	35	13	8	0	
Other, Non-Hispanic	293	172	57	26	16	5	13	3	1	0	
Unknown, Non-Hispanic	0	0	0	0	0	0	0	0	0	0	
Hispanic, Any Race	224	133	43	20	9	8	7	1	3	0	
Patient's Age											
Under 15	6	4	1	1	0	0	0	0	0	0	
15	5	1	3	1	0	0	0	0	0	0	
16	12	5	3	2	1	0	0	1	0	0	
17	27	15	5	2	3	0	1	1	0	0	
18	82	47	21	2	4	1	4	0	3	0	
19	124	83	17	10	3	5	3	1	2	0	
20-24	930	532	222	59	43	29	29	11	5	0	
25-29	802	496	152	67	33	24	16	6	8	0	
30-34	607	376	114	45	28	12	24	5	3	0	
35-39	312	179	62	33	14	7	13	3	1	0	
40 and Over	104	54	19	2	12	4	10	0	3	0	
Unknown	1	0	1	0	0	0	0	0	0	0	
Type of Procedure											
Curettage	915	457	203	194	48	7	5	1	0	0	
Intrauterine Instillation	0	0	0	0	0	0	0	0	0	0	
Hysterotomy/Hysterectomy	1	0	0	0	0	0	1	0	0	0	
Laminaria D & E	246	1	0	2	92	72	61	11	7	0	
Medical/Nonsurgical	1,792	1,334	417	27	1	2	3	2	6	0	
Unknown	0	0	0	0	0	0	0	0	0	0	
Other	58	0	0	1	0	1	30	14	12	0	

Table 12B. Recorded Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2022

	Total	Weeks of Gestation									
		Under 9	9-10	11-12	13-14	15-16	17-19	20	21 and Over	Unknown	
State Total	88	13	3	3	9	14	22	9	15	0	
Patient's Race											
White, Non-Hispanic	42	5	0	0	5	9	10	4	9	0	
Black, Non-Hispanic	36	6	3	3	3	4	7	5	5	0	
Other, Non-Hispanic	7	1	0	0	1	1	4	0	0	0	
Unknown, Non-Hispanic	0	0	0	0	0	0	0	0	0	0	
Hispanic, Any Race	3	1	0	0	0	0	1	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	3	0	0	1	1	0	1	0	0	0	
19	1	0	0	0	0	0	0	0	1	0	
20-24	18	4	0	0	0	3	4	3	4	0	
25-29	21	4	2	1	0	3	4	2	5	0	
30-34	20	2	1	0	2	3	8	2	2	0	
35-39	15	3	0	1	2	3	3	2	1	0	
40 and Over	10	0	0	0	4	2	2	0	2	0	
Unknown	0	0	0	0	0	0	0	0	0	0	
Type of Procedure											
Curettage	25	13	3	3	4	2	0	0	0	0	
Intrauterine Instillation	0	0	0	0	0	0	0	0	0	0	
Hysterotomy/Hysterectomy	1	0	0	0	0	0	1	0	0	0	
Laminaria D & E	42	0	0	0	5	10	13	8	6	0	
Medical/Nonsurgical	16	0	0	0	0	2	6	1	7	0	
Unknown	0	0	0	0	0	0	0	0	0	0	
Other	4	0	0	0	0	0	2	0	2	0	

Table 12C. Post-Abortion Complication Report: Missouri, 2022

	Procedure Type			Total
	Surgical	Medical	Not Specified	
<u>Total Complications</u>	55	60	0	115
..Incomplete Abortion	7	12	0	19
..Hemorrhage	17	9	0	26
..Endometritis	7	5	0	12
..Parametritis	0	0	0	0
..Pyrexia	0	1	0	1
..Pelvic Abscess	0	0	0	0
..Uterine Perforation	6	0	0	6
..Failed Abortion, Pregnancy Undisturbed	1	11	0	12
..Retained Products	12	16	0	28
..Cervical Laceration	3	0	0	3
..Psychiatric	0	0	0	0
..Other Complication	2	6	0	8
<u>No Complication Reported</u>	0	0	0	0
<u>Total Complication Reports Received</u>	34	31	0	65

	Count
Patients Hospitalized	36

	Count	Percent with Complications*
Complication Reports for Abortions Recorded in Missouri	2	2.3

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, 2022

	Total	Patient's Race		
		White, Non-Hispanic	Black, Non-Hispanic	Other, Non-Hispanic
State Total	3,012	1,428	1,067	293
Hispanic, Any Race				224
White, Non-Hispanic				
Under 15	6	3	3	0
15	5	1	2	1
16	12	5	2	2
17	27	14	9	2
18	82	42	28	1
19	124	59	35	16
20-24	930	423	326	97
25-29	802	370	301	77
30-34	607	286	229	57
35-39	312	161	106	32
40 and Over	104	63	26	8
Unknown	1	1	0	0
Marital Status				
Never Married	38	10	22	4
Currently Married	353	216	62	48
Formerly Married	2	1	1	0
Unmarried, Unspecified	2,619	1,201	982	241
Years of Education				
0-8	16	5	4	3
9-11	160	81	51	11
12	1,066	428	458	96
13-15	1,067	536	370	84
16 or More	473	297	103	50
Unknown	230	81	81	49

Table 14. Resident Abortions and Ratios per 1,000 Live Births by County and BRFSS Region of Residence: Missouri, 2022

Counties	Number	Ratio
<u>State Total</u>	3,012	43.7
Adair	3	10.6
Andrew	8	50.3
Atchison	1	19.2
Audrain	1	3.7
Barry	9	21.8
Barton	2	14.2
Bates	4	22.7
Benton	8	46.8
Bollinger	0	0.0
Boone	57	28.4
Buchanan	61	61.7
Butler	0	0.0
Caldwell	5	46.7
Callaway	4	8.4
Camden	7	18.5
Cape Girardeau	2	2.2
Carroll	3	37.0
Carter	0	0.0
Cass	108	94.3
Cedar	2	8.9
Chariton	2	28.2
Christian	19	18.5
Clark	1	13.2
Clay	322	107.5
Clinton	12	50.4
Cole	14	17.7
Cooper	3	17.6
Crawford	0	0.0
Dade	0	0.0
Dallas	1	5.0
Davies	2	15.7

Counties	Number	Ratio
DeKalb	3	28.8
Dent	0	0.0
Douglas	0	0.0
Dunklin	6	18.2
Franklin	1	0.9
Gasconade	1	7.2
Gentry	3	37.0
Greene	98	29.9
Grundy	5	35.2
Harrison	5	61.0
Henry	6	25.2
Hickory	26	346.7
Holt	1	24.4
Howard	2	18.5
Howell	2	4.5
Iron	0	0.0
Jackson	1,686	197.0
Jasper	60	37.3
Jefferson	3	1.3
Johnson	62	86.7
Knox	0	0.0
Laclede	1	2.2
Lafayette	14	37.1
Lawrence	7	13.8
Lewis	0	0.0
Lincoln	0	0.0
Linn	2	15.3
Livingston	4	26.1
Macon	3	16.8
Madison	1	8.2
Maries	1	10.1
Marion	1	3.1

Counties	Number	Ratio
McDonald	10	31.5
Mercer	1	16.9
Miller	4	13.6
Mississippi	0	0.0
Moniteau	1	4.7
Monroe	1	10.3
Montgomery	1	8.9
Morgan	4	15.0
New Madrid	4	22.7
Newton	11	15.5
Nodaway	8	40.6
Oregon	0	0.0
Osage	1	6.0
Ozark	0	0.0
Pemiscot	3	15.2
Perry	0	0.0
Pettis	28	50.8
Phelps	2	4.5
Pike	0	0.0
Platte	129	110.5
Polk	5	13.4
Pulaski	5	7.3
Putnam	0	0.0
Ralls	2	20.2
Randolph	6	20.8
Ray	14	58.1
Reynolds	0	0.0
Ripley	1	7.9
Saline	7	28.1
Schuyler	2	31.7
Scotland	0	0.0
Scott	1	2.2

Counties	Number	Ratio
Shannon	0	0.0
Shelby	0	0.0
St. Charles	5	1.2
St. Clair	1	8.6
St. Francois	2	3.1
St. Louis City	10	3.0
St. Louis County	33	3.2
Ste. Genevieve	1	5.6
Stoddard	2	6.0
Stone	3	11.2
Sullivan	0	0.0
Taney	16	26.8
Texas	1	3.8
Vernon	9	40.2
Warren	0	0.0
Washington	1	3.8
Wayne	0	0.0
Webster	2	3.2
Worth	0	0.0
Wright	0	0.0

BRFSS Regions	Number	Ratio
Northeast	40	14.2
Northwest	157	59.2
Central	137	17.1
Southeast	26	4.2
Southwest	295	26.4
St. Louis Region	53	2.3
Kansas City Region	2,294	152.9
Urban	2,618	57.4
Rural	384	16.4

Table 15. Resident Abortions by Marital Status, Number of Living Children, and Number of Previous Abortions by Age of Patient: Missouri, 2022

	Total	Patient's Age									
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
State Total	3,012	6	44	206	930	802	607	312	96	8	1
Marital Status											
Never Married	38	0	0	5	12	8	8	4	1	0	0
Currently Married	353	0	0	2	43	91	117	72	25	3	0
Formerly Married	2	0	0	0	0	0	0	0	2	0	0
Unmarried, Unspecified	2,619	6	44	199	875	703	482	236	68	5	1
Number of Living Children											
0	1,168	6	42	171	511	263	122	34	17	1	1
1	708	0	2	31	232	223	146	52	21	1	0
2	648	0	0	4	139	195	165	113	28	4	0
3	282	0	0	0	36	82	94	56	13	1	0
4	119	0	0	0	10	27	47	28	6	1	0
5	52	0	0	0	1	10	23	14	4	0	0
6+	35	0	0	0	1	2	10	15	7	0	0
Number of Previous Abortions											
0	1,934	6	41	182	689	467	324	171	47	6	1
1	683	0	3	23	191	209	164	66	25	2	0
2	259	0	0	1	41	83	83	39	12	0	0
3	91	0	0	0	9	27	25	22	8	0	0
4	26	0	0	0	0	12	5	5	4	0	0
5	9	0	0	0	0	3	3	3	0	0	0
6+	10	0	0	0	0	1	3	6	0	0	0

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2022

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	6,177,957	68,954	71,776	-2,822	69,390	73,938	11.2	11.6	-0.5
Adair	25,165	282	249	33	501	217	11.2	9.9	1.3
Andrew	18,003	159	184	-25	2	130	8.8	10.2	-1.4
Atchison	5,182	52	92	-40	35	79	10.0	17.8	-7.7
Audrain	24,434	268	336	-68	79	240	11.0	13.8	-2.8
Barry	34,926	413	509	-96	293	354	11.8	14.6	-2.7
Barton	11,694	141	164	-23	8	115	12.1	14.0	-2.0
Bates	16,177	176	250	-74	5	191	10.9	15.5	-4.6
Benton	20,224	171	370	-199	5	234	8.5	18.3	-9.8
Bollinger	10,518	134	153	-19	4	82	12.7	14.5	-1.8
Boone	187,690	2,008	1,415	593	3,982	2,460	10.7	7.5	3.2
Buchanan	82,911	989	1,045	-56	1,318	1,266	11.9	12.6	-0.7
Butler	42,179	475	672	-197	1,230	862	11.3	15.9	-4.7
Caldwell	8,933	107	121	-14	4	72	12.0	13.5	-1.6
Callaway	44,762	475	500	-25	6	286	10.6	11.2	-0.6
Camden	43,768	379	602	-223	628	696	8.7	13.8	-5.1
Cape Girardeau	82,899	927	905	22	1,968	1,395	11.2	10.9	0.3
Carroll	8,423	81	126	-45	1	86	9.6	15.0	-5.3
Carter	5,268	75	74	1	2	62	14.2	14.0	0.2
Cass	110,394	1,145	1,236	-91	28	937	10.4	11.2	-0.8
Cedar	14,601	224	218	6	53	143	15.3	14.9	0.4
Chariton	7,386	71	125	-54	0	118	9.6	16.9	-7.3
Christian	93,114	1,028	905	123	16	536	11.0	9.7	1.3
Clark	6,723	76	85	-9	3	59	11.3	12.6	-1.3
Clay	257,033	2,996	2,256	740	3,550	2,679	11.7	8.8	2.9
Clinton	21,328	238	277	-39	109	280	11.2	13.0	-1.8
Cole	76,969	789	798	-9	1,424	969	10.3	10.4	-0.1
Cooper	16,772	170	199	-29	4	151	10.1	11.9	-1.7
Crawford	22,659	242	376	-134	228	336	10.7	16.6	-5.9
Dade	7,660	64	141	-77	2	96	8.4	18.4	-10
Dallas	17,626	201	243	-42	9	179	11.4	13.8	-2.4
Daviess	8,435	127	108	19	70	64	15.1	12.8	2.3
DeKalb	11,336	104	148	-44	1	86	9.2	13.1	-3.9
Dent	14,467	156	248	-92	6	192	10.8	17.1	-6.4
Douglas	11,975	143	207	-64	12	122	11.9	17.3	-5.3
Dunklin	27,406	329	480	-151	3	287	12.0	17.5	-5.5
Franklin	105,879	1,119	1,358	-239	735	1,102	10.6	12.8	-2.3
Gasconade	14,768	138	237	-99	2	197	9.3	16.0	-6.7
Gentry	6,253	81	89	-8	11	72	13.0	14.2	-1.3

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2022

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Greene	303,293	3,275	3,482	-207	6,688	5,213	10.8	11.5	-0.7
Grundy	9,838	142	161	-19	17	119	14.4	16.4	-1.9
Harrison	8,199	82	116	-34	8	82	10.0	14.1	-4.1
Henry	22,438	238	368	-130	298	257	10.6	16.4	-5.8
Hickory	8,630	75	186	-111	11	115	8.7	21.6	-13
Holt	4,262	41	69	-28	0	53	9.6	16.2	-6.6
Howard	10,168	108	111	-3	3	81	10.6	10.9	-0.3
Howell	40,631	445	653	-208	550	654	11.0	16.1	-5.1
Iron	9,414	84	182	-98	2	148	8.9	19.3	-10
Jackson	716,531	8,558	7,660	898	9,495	9,249	11.9	10.7	1.3
Jasper	124,075	1,609	1,528	81	18	1,013	13.0	12.3	0.7
Jefferson	229,336	2,326	2,553	-227	539	1,807	10.1	11.1	-1.0
Johnson	54,368	715	490	225	645	377	13.2	9.0	4.1
Knox	3,776	50	51	-1	26	28	13.2	13.5	-0.3
Laclede	36,313	455	498	-43	168	361	12.5	13.7	-1.2
Lafayette	32,961	377	439	-62	9	300	11.4	13.3	-1.9
Lawrence	38,683	509	537	-28	144	388	13.2	13.9	-0.7
Lewis	9,891	86	131	-45	6	96	8.7	13.2	-4.5
Lincoln	63,155	852	623	229	14	401	13.5	9.9	3.6
Linn	11,820	131	175	-44	2	124	11.1	14.8	-3.7
Livingston	14,402	153	214	-61	283	181	10.6	14.9	-4.2
Macon	15,049	179	217	-38	14	171	11.9	14.4	-2.5
Madison	12,753	122	193	-71	2	136	9.6	15.1	-5.6
Maries	8,431	99	132	-33	1	64	11.7	15.7	-3.9
Marion	28,438	320	402	-82	563	463	11.3	14.1	-2.9
McDonald	23,588	317	299	18	4	181	13.4	12.7	0.8
Mercer	3,437	59	46	13	23	30	17.2	13.4	3.8
Miller	25,403	295	320	-25	5	242	11.6	12.6	-1.0
Mississippi	11,688	152	208	-56	1	137	13.0	17.8	-4.8
Moniteau	15,220	212	191	21	9	118	13.9	12.5	1.4
Monroe	8,652	97	123	-26	1	77	11.2	14.2	-3.0
Montgomery	11,470	112	191	-79	2	164	9.8	16.7	-6.9
Morgan	21,785	266	340	-74	119	217	12.2	15.6	-3.4
New Madrid	15,695	176	308	-132	0	222	11.2	19.6	-8.4
Newton	60,011	708	764	-56	3,052	1,815	11.8	12.7	-0.9
Nodaway	20,670	197	201	-4	200	155	9.5	9.7	-0.2
Oregon	8,732	99	190	-91	8	119	11.3	21.8	-10
Osage	13,399	167	149	18	3	93	12.5	11.1	1.3
Ozark	8,940	77	152	-75	3	95	8.6	17.0	-8.4

Table 16A. Resident and Recorded Live Births, Deaths, and Natural Increase w/Rates per 1,000 Pop by County: Missouri, 2022

Counties	Population	Resident Live Births	Resident Deaths	Natural Increase	Recorded Live Births	Recorded Deaths	Resident Birth Rate	Resident Death Rate	Natural Inc. Rate
Pemiscot	14,841	197	276	-79	2	205	13.3	18.6	-5.3
Perry	18,858	190	230	-40	109	181	10.1	12.2	-2.1
Pettis	43,353	551	515	36	433	485	12.7	11.9	0.8
Phelps	45,313	443	540	-97	743	644	9.8	11.9	-2.1
Pike	17,664	186	235	-49	16	183	10.5	13.3	-2.8
Platte	110,534	1,167	925	242	495	705	10.6	8.4	2.2
Polk	32,693	373	405	-32	511	417	11.4	12.4	-1.0
Pulaski	53,941	689	425	264	268	274	12.8	7.9	4.9
Putnam	4,666	67	85	-18	20	70	14.4	18.2	-3.9
Ralls	10,420	99	133	-34	1	57	9.5	12.8	-3.3
Randolph	24,622	288	327	-39	5	267	11.7	13.3	-1.6
Ray	23,107	241	342	-101	6	225	10.4	14.8	-4.4
Reynolds	6,006	66	96	-30	1	51	11.0	16.0	-5.0
Ripley	10,703	127	208	-81	4	116	11.9	19.4	-7.6
Saline	23,007	249	286	-37	266	244	10.8	12.4	-1.6
Schuyler	4,002	63	52	11	10	33	15.7	13.0	2.7
Scotland	4,643	81	49	32	110	34	17.4	10.6	6.9
Scott	37,840	464	520	-56	450	434	12.3	13.7	-1.5
Shannon	7,193	97	129	-32	0	85	13.5	17.9	-4.4
Shelby	5,982	66	100	-34	4	89	11.0	16.7	-5.7
St. Charles	413,803	4,252	3,601	651	2,334	3,278	10.3	8.7	1.6
St. Clair	9,576	116	152	-36	18	109	12.1	15.9	-3.8
St. Francois	66,969	651	916	-265	478	796	9.7	13.7	-4.0
St. Louis City	286,578	3,344	3,303	41	3,541	5,127	11.7	11.5	0.1
St. Louis County	990,414	10,475	11,283	-808	19,003	13,624	10.6	11.4	-0.8
Ste. Genevieve	18,644	178	228	-50	135	174	9.5	12.2	-2.7
Stoddard	28,377	334	464	-130	6	322	11.8	16.4	-4.6
Stone	32,136	269	464	-195	5	246	8.4	14.4	-6.1
Sullivan	5,840	74	73	1	1	50	12.7	12.5	0.2
Taney	56,821	598	742	-144	517	755	10.5	13.1	-2.5
Texas	25,336	260	387	-127	114	296	10.3	15.3	-5.0
Vernon	19,651	224	311	-87	342	225	11.4	15.8	-4.4
Warren	37,260	464	433	31	11	246	12.5	11.6	0.8
Washington	23,441	265	367	-102	5	240	11.3	15.7	-4.4
Wayne	10,792	129	206	-77	4	126	12.0	19.1	-7.1
Webster	40,335	617	459	158	133	291	15.3	11.4	3.9
Worth	1,955	24	50	-26	0	45	12.3	25.6	-13
Wright	19,156	258	303	-45	15	211	13.5	15.8	-2.3

Table 16B. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Cities with Over 25,000 Population: Missouri, 2022

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	30,622	311	269	42	0	300	10.2	8.8	1.4
Blue Springs	59,518	639	535	104	1	513	10.7	9.0	1.7
Cape Girardeau	40,377	443	492	-49	1,964	1,208	11.0	12.2	-1.2
Chesterfield	49,327	393	604	-211	1,420	1,092	8.0	12.2	-4.3
Columbia	128,555	1,322	882	440	3,972	2,306	10.3	6.9	3.4
Florissant	51,506	628	669	-41	1	683	12.2	13.0	-0.8
Gladstone	26,907	308	323	-15	3	145	11.4	12.0	-0.6
Grandview	25,610	366	271	95	25	131	14.3	10.6	3.7
Hazelwood	25,047	298	229	69	2	84	11.9	9.1	2.8
Independence	121,202	1,369	1,664	-295	1,111	1,802	11.3	13.7	-2.4
Jefferson City	42,528	426	499	-73	1,410	937	10.0	11.7	-1.7
Kirkwood	29,279	292	309	-17	2	127	10.0	10.6	-0.6
Lee's Summit	102,781	995	881	114	1,913	1,041	9.7	8.6	1.1
Liberty	30,775	302	268	34	1,581	565	9.8	8.7	1.1
Maryland Heights	27,769	407	279	128	1	222	14.7	10.0	4.6
O'Fallon	93,663	937	710	227	1,003	567	10.0	7.6	2.4
Raytown	29,312	301	401	-100	6	188	10.3	13.7	-3.4
St. Charles	71,184	702	778	-76	0	1,083	9.9	10.9	-1.1
St. Joseph	70,656	880	885	-5	1,313	1,233	12.5	12.5	-0.1
St. Louis City	286,578	3,344	3,303	41	3,541	5,127	11.7	11.5	0.1
St. Peters	58,523	547	511	36	0	701	9.3	8.7	0.6
Springfield	170,067	1,860	2,185	-325	6,673	4,810	10.9	12.8	-1.9
University City	34,355	413	355	58	2	137	12.0	10.3	1.7
Wentzville	47,197	588	323	265	4	234	12.5	6.8	5.6
Wildwood	34,954	253	208	45	3	83	7.2	6.0	1.3

Table 16C. Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Multi-County Cities: Missouri, 2022

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	52,518	611	623	-12	3,031	1,912	11.6	11.9	-0.2
...Jasper Co. Part	45,015	549	539	10	0	480	12.2	12.0	0.2
...Newton Co. Part	7,503	62	84	-22	3,031	1,432	8.3	11.2	-2.9
Kansas City	509,297	6,592	4,818	1,774	6,889	6,366	12.9	9.5	3.5
...Jackson Co. Part	314,654	4,177	3,279	898	6,360	5,284	13.3	10.4	2.9
...Clay Co. Part	140,205	1,792	1,032	760	42	583	12.8	7.4	5.4
...Platte Co. Part	54,341	623	507	116	487	498	11.5	9.3	2.1
...Cass Co. Part	97	0	0	0	0	1	0.0	0.0	0.0

Table 17A. Resident Live Births and Deaths by Cities with 10,000 to 24,999 Population: Missouri, 2022

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Arnold	208	286
Bellefontaine Neighbors	96	131
Belton	310	270
Bolivar	145	134
Branson	133	191
Bridgeton	130	163
Carthage	249	210
Clayton	79	90
Crestwood	144	135
Creve Coeur	160	252
Dardenne Prairie	85	89
Ellisville	69	149
Eureka	120	129
Excelsior Springs	110	170
Farmington	167	265
Ferguson	298	230
Festus	135	177
Fulton	127	144
Grain Valley	190	119
Hannibal	193	273
Harrisonville	108	183
Jackson	191	142
Jennings	149	209
Kearney	126	72
Kennett	136	191
Kirksville	202	161
Lake St. Louis	141	157
Lebanon	228	238
Manchester	207	148
Marshall	165	160
Maryville	84	90
Mexico	121	174
Moberly	158	198
Neosho	210	162
Nixa	306	250
Overland	181	191

Cities with 10,000 to 24,999 Population	Resident Live Births	Resident Deaths
Ozark	273	221
Poplar Bluff	222	295
Raymore	218	238
Republic	290	161
Rolla	207	204
St. Ann	148	157
Sedalia	300	279
Sikeston	213	247
Smithville	118	78
Town and Country	50	181
Troy	197	162
Union	157	168
Warrensburg	229	135
Washington	151	211
Webb City	173	182
Webster Groves	216	262
West Plains	168	217

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2022

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	60	40	Desloge	51	69
Aurora	99	108	De Soto	83	123
Ava	36	59	Des Peres	75	81
Battlefield	62	39	Dexter	105	135
Berkeley	117	111	East Prairie	48	59
Bethany	27	67	Eldon	58	79
Black Jack	58	107	El Dorado Springs	52	60
Bonne Terre	56	77	Fayette	22	23
Boonville	64	96	Fenton	51	42
Bowling Green	50	58	Forsyth	25	47
Breckenridge Hills	70	46	Fredricktown	47	78
Brentwood	98	61	Frontenac	20	34
Brookfield	45	78	Glendale	64	33
Buckner	36	30	Green Park	27	46
Buffalo	33	76	Greenwood	71	26
Butler	50	77	Herculaneum	51	59
Byrnes Mill	23	29	Higginsville	69	72
California	54	73	Hillsboro	35	32
Camdenton	51	54	Hollister	60	61
Cameron	94	126	Holts Summit	43	51
Canton	15	29	Knob Noster	51	27
Carl Junction	115	69	Ladue	87	56
Carrollton	25	68	Lamar	59	77
Caruthersville	70	82	Lawson	31	41
Cassville	40	55	Lexington	52	65
Centralia	62	58	Licking	17	37
Chaffee	50	53	Louisiana	40	59
Charleston	52	70	Macon	64	104
Chillicothe	97	158	Malden	44	70
Clarkson Valley	10	21	Maplewood	88	61
Clever	52	18	Marshfield	108	100
Clinton	95	174	Monett	139	127
Cottleville	57	37	Monroe City	26	34
Crystal City	9	5	Montgomery City	23	51
Cuba	36	62	Moscow Mills	63	22
Dellwood	57	58	Mountain Grove	65	102

Table 17B. Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2022

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
St. Paul	22	16
St. Robert	90	24
Salem	56	92
Savannah	57	67
Scott City	63	48
Shrewsbury	63	125
Strafford	26	34
Sugar Creek	30	37
Sullivan	95	135
Sunset Hills	83	157
Tipton	26	36
Trenton	72	111
Valley Park	75	100
Vandalia	21	33
Versailles	36	54
Warrenton	111	116
Waynesville	96	64
Weidon Spring	34	91
Willard	88	52
Windsor	49	55
Woodson Terrace	45	44
Wright City	120	41

Cities with 2,500 to 9,999 Population	Resident Live Births	Resident Deaths
Mountain View	35	55
Mount Vernon	53	95
Nevada	104	159
New Madrid	30	53
Normandy	44	60
North Kansas City	49	60
Northwoods	51	71
Oak Grove	99	115
Odessa	76	61
Olivette	63	62
Oronogo	42	27
Osage Beach	34	85
Owensville	28	63
Pacific	70	83
Pagedale	24	45
Palmyra	41	49
Park Hills	104	130
Parkville	81	42
Peculiar	85	58
Perryville	105	143
Pevely	75	73
Pine Lawn	34	51
Platte City	52	46
Pleasant Hill	108	97
Pleasant Valley	30	39
Portageville	38	55
Potosi	46	53
Richmond	88	112
Richmond Heights	91	98
Riverside	67	50
Rock Hill	67	36
Rogersville	87	38
St. Clair	60	72
Ste. Genevieve	46	89
St. James	51	78
St. John	79	76

Table 18A. Twelve Leading Causes of Death and Death Rates per 100,000 Residents: Missouri, 2022

Race	Causes of Death	Number	Crude Rate	Age-Adjusted Rate	Percent Of Total
Total (All Races)	1. Diseases of heart	16,118	260.9	199.4	22.5
	2. Malignant neoplasms	13,065	211.5	159.5	18.2
	3. Unintentional injuries	4,922	79.7	75.3	6.9
	4. COVID-19	4,316	69.9	53.8	6.0
	5. Chronic lower respiratory disease	3,809	61.7	45.9	5.3
	6. Cerebrovascular diseases	3,148	51.0	39.0	4.4
	7. Alzheimer's disease	2,619	42.4	32.5	3.6
	8. Diabetes mellitus	1,877	30.4	23.4	2.6
	9. Nephritis and nephrosis	1,683	27.2	20.9	2.3
	10. Suicide	1,214	19.7	19.0	1.7
	11. Influenza and pneumonia	1,097	17.8	13.7	1.5
	12. Chronic liver disease and cirrhosis	1,046	16.9	14.2	1.5
	All other causes	16,862	272.9	218.9	23.5
	Total (All Causes)	71,776	1161.8	915.6	100.0

Table 18B. Twelve Leading Causes of Resident Death and Percentages by Race: Missouri, 2022

Race	Causes of Death	Number	Percent Of Total
Other Races	1. Malignant neoplasms	189	18.5
	2. Diseases of heart	175	17.1
	3. Unintentional injuries	114	11.1
	4. COVID-19	85	8.3
	5. Cerebrovascular diseases	65	6.3
	6. Suicide	37	3.6
	7. Chronic lower respiratory disease	32	3.1
	8. Diabetes mellitus	28	2.7
	9. Nephritis and nephrosis	24	2.3
	10. Alzheimer's disease	20	2.0
	11. Septicemia	18	1.8
	12. Chronic liver disease and cirrhosis	17	1.7
	All other causes	220	21.5
Total (All Causes)	1,024	100.0	

Race	Causes of Death	Number	Percent Of Total
Hispanic, Any Race	1. Malignant neoplasms	139	16.5
	2. Diseases of heart	133	15.8
	3. Unintentional injuries	104	12.3
	4. COVID-19	51	6.0
	5. Cerebrovascular diseases	42	5.0
	6. Suicide	33	3.9
	7. Diabetes mellitus	32	3.8
	8. Chronic liver disease and cirrhosis	30	3.6
	9. Homicide	25	3.0
	10. Alzheimer's disease	21	2.5
	11. Conditions orig. in perinatal period	19	2.3
	12. Nephritis and nephrosis	18	2.1
	All other causes	196	23.3
Total (All Causes)	843	100.0	

Race	Causes of Death	Number	Percent Of Total
White, Non-Hispanic	1. Diseases of heart	14,036	22.7
	2. Malignant neoplasms	11,433	18.5
	3. Unintentional injuries	3,812	6.2
	4. COVID-19	3,738	6.1
	5. Chronic lower respiratory disease	3,558	5.8
	6. Cerebrovascular diseases	2,664	4.3
	7. Alzheimer's disease	2,381	3.9
	8. Diabetes mellitus	1,556	2.5
	9. Nephritis and nephrosis	1,388	2.2
	10. Suicide	1,059	1.7
	11. Influenza and pneumonia	985	1.6
	12. Chronic liver disease and cirrhosis	908	1.5
	All other causes	14,216	23.0
Total (All Causes)	61,734	100.0	

Race	Causes of Death	Number	Percent Of Total
Black, Non-Hispanic	1. Diseases of heart	1,756	21.7
	2. Malignant neoplasms	1,295	16.0
	3. Unintentional injuries	886	10.9
	4. Homicide	479	5.9
	5. COVID-19	439	5.4
	6. Cerebrovascular diseases	371	4.6
	7. Diabetes mellitus	261	3.2
	8. Nephritis and nephrosis	250	3.1
	9. Chronic lower respiratory disease	206	2.5
	10. Alzheimer's disease	197	2.4
	11. Septicemia	128	1.6
	12. Chronic liver disease and cirrhosis	89	1.1
	12. Influenza and pneumonia	89	1.1
All other causes	1,660	20.5	
Total (All Causes)	8,106	100.0	

Table 19. Five Leading Causes of Death and Percentages for Selected Resident Age Groups: Missouri, 2022

Age Group	Causes of Death	Number	Percent Of Total
Under 1	1. Conditions orig. in perinatal period	205	45.6
	2. Unintentional injuries	75	16.7
	3. Congenital anomalies	74	16.4
	4. Homicide	13	2.9
	5. Diseases of heart	6	1.3
	Total (All Causes)	450	100.0
1-4	1. Unintentional injuries	38	37.6
	2. Homicide	18	17.8
	3. Congenital anomalies	10	9.9
	4. COVID-19	4	4.0
	4. Diseases of heart	4	4.0
Total (All Causes)	101	100.0	
5-14	1. Unintentional injuries	41	30.8
	2. Malignant neoplasms	14	10.5
	3. Homicide	13	9.8
	4. Suicide	11	8.3
	5. Congenital anomalies	6	4.5
Total (All Causes)	133	100.0	
15-24	1. Unintentional injuries	385	41.9
	2. Homicide	217	23.6
	3. Suicide	148	16.1
	4. Malignant neoplasms	23	2.5
	5. Diseases of heart	22	2.4
Total (All Causes)	918	100.0	
25-34	1. Unintentional injuries	727	44.9
	2. Suicide	197	12.2
	3. Homicide	169	10.4
	4. Diseases of heart	69	4.3
	5. Malignant neoplasms	68	4.2
Total (All Causes)	1,619	100.0	
35-44	1. Unintentional injuries	774	31.8
	2. Diseases of heart	312	12.8
	3. Suicide	207	8.5
	4. Malignant neoplasms	203	8.3
	5. Homicide	137	5.6
Total (All Causes)	2,434	100.0	

Age Group	Causes of Death	Number	Percent Of Total
45-54	1. Diseases of heart	759	19.5
	2. Malignant neoplasms	734	18.9
	3. Unintentional injuries	601	15.4
	4. COVID-19	234	6.0
	5. Suicide	193	5.0
	Total (All Causes)	3,890	100.0
55-64	1. Malignant neoplasms	2,455	24.9
	2. Diseases of heart	2,310	23.4
	3. Unintentional injuries	661	6.7
	4. COVID-19	650	6.6
	5. Chronic lower respiratory disease	524	5.3
Total (All Causes)	9,872	100.0	
65-74	1. Malignant neoplasms	3,831	25.5
	2. Diseases of heart	3,425	22.8
	3. Chronic lower respiratory disease	1,028	6.8
	4. COVID-19	990	6.6
	5. Cerebrovascular diseases	610	4.1
Total (All Causes)	15,038	100.0	
75-84	1. Diseases of heart	4,096	22.6
	2. Malignant neoplasms	3,629	20.0
	3. Chronic lower respiratory disease	1,250	6.9
	4. COVID-19	1,182	6.5
	5. Cerebrovascular diseases	910	5.0
Total (All Causes)	18,151	100.0	
85 and Over	1. Diseases of heart	5,112	26.7
	2. Malignant neoplasms	2,105	11.0
	3. Alzheimer's disease	1,615	8.4
	4. Cerebrovascular diseases	1,160	6.1
	5. COVID-19	1,106	5.8
Total (All Causes)	19,168	100.0	

Table 20. Resident Deaths with Age-Specific Rates per 1,000 Residents By Age Groups By Sex and Race: Missouri, 2022

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	11.6	12.3	11.0	71,776	37,457	34,319	61,734	31,955	29,779	8,106	4,412
Under 1	6.5	7.0	6.0	450	246	204	273	145	128	121	70	51
1-4	0.4	0.4	0.3	101	60	41	49	26	23	41	29	12
5-9	0.1	0.2	0.1	56	31	25	34	18	16	14	8	6
10-14	0.2	0.2	0.2	77	47	30	38	20	18	29	19	10
15-19	0.9	1.3	0.4	355	269	86	215	157	58	113	93	20
20-24	1.3	1.9	0.8	563	407	156	350	244	106	163	126	37
25-29	1.7	2.4	1.1	694	488	206	461	317	144	175	122	53
30-34	2.2	3.0	1.5	925	621	304	625	420	205	240	158	82
35-39	2.7	3.6	1.7	1,070	723	347	775	522	253	233	159	74
40-44	3.5	4.3	2.7	1,364	838	526	1,005	614	391	287	176	111
45-49	4.4	5.4	3.4	1,530	945	585	1,171	718	453	286	177	109
50-54	6.4	7.8	5.0	2,360	1,443	917	1,865	1,146	719	407	241	166
55-59	10.2	12.6	7.8	3,950	2,412	1,538	3,170	1,931	1,239	655	398	257
60-64	14.3	17.7	11.1	5,922	3,581	2,341	4,880	2,941	1,939	895	549	346
65-69	19.5	24.0	15.5	7,064	4,135	2,929	5,909	3,457	2,452	964	565	399
70-74	27.5	32.8	23.0	7,974	4,404	3,570	6,924	3,855	3,069	872	452	420
75-79	43.5	51.5	36.9	8,987	4,787	4,200	8,029	4,299	3,730	754	380	374
80-84	70.8	84.4	61.0	9,164	4,587	4,577	8,343	4,225	4,118	655	289	366
85 and Over	151.0	170.8	140.7	19,168	7,431	11,737	17,618	6,900	10,718	1,202	401	801
Unknown Age	0.0	0.0	0.0	2	2	0	0	0	0	0	0	0

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2022

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	71,776	450	101	56	77	355	563	694	925	1,070	1,364
COVID-19	4,316	4	4	1	1	3	10	13	23	38	57
Septicemia	1,024	4	1	1	1	0	1	4	7	9	13
HIV / AIDS	52	0	0	0	0	0	1	5	4	2	4
Malignant neoplasms	13,065	2	1	8	6	10	13	22	46	73	130
...Colon, rectum, and anus	1,218	0	0	0	0	0	0	1	2	13	20
...Pancreas	948	1	0	0	0	0	1	0	0	2	10
...Trachea, bronchus, and lung	3,375	0	0	0	0	0	0	0	1	3	15
...Breast	932	0	0	0	0	0	0	0	6	13	15
...Cervix uteri, corpus uteri, and ovary	542	0	0	0	0	0	1	1	6	6	15
...Prostate	631	0	0	0	0	0	0	0	0	0	0
...Urinary tract	688	0	0	0	0	0	0	1	2	3	4
...Non-Hodgkin's lymphoma	442	0	0	0	0	0	1	3	2	2	2
...Leukemia	487	0	0	0	1	3	2	4	8	3	2
...Other malignant neoplasms	3,802	1	1	8	5	7	8	12	19	28	47
Diabetes mellitus	1,877	0	0	0	1	2	6	9	13	30	36
Alzheimer's disease	2,619	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	818	0	0	0	0	0	0	0	0	0	1
Diseases of heart	16,118	6	4	0	2	6	16	32	37	112	200
Essential hypertension	553	0	0	0	0	0	1	0	0	4	5
Cerebrovascular diseases	3,148	0	2	1	0	1	3	3	8	18	25
Influenza and pneumonia	1,097	5	0	2	1	0	2	3	8	10	12
Chronic lower respiratory disease	3,809	0	1	0	3	0	5	4	6	11	8
Pneumonitis due to solids and liquids	508	0	0	0	0	1	0	2	3	1	2
Chronic liver disease and cirrhosis	1,046	0	0	0	0	0	0	9	19	44	68
Nephritis and nephrosis	1,683	0	0	1	0	0	1	4	4	16	20
Perinatal conditions	208	205	2	0	1	0	0	0	0	0	0
Congenital anomalies	188	74	10	2	4	4	3	3	7	7	5
Symptoms and ill-defined conditions	430	29	4	1	2	2	3	7	4	15	10
All other diseases	12,170	30	12	15	10	21	39	80	109	122	180
Unintentional injuries	4,922	75	38	19	22	151	234	333	394	368	406
...Motor vehicle crashes	1,105	2	9	8	9	92	82	80	97	81	79
...Falls	895	0	0	0	2	3	0	2	3	5	8
...Accidental poisoning	2,083	5	9	0	5	42	131	228	271	256	298
...Other unintentional injuries	839	68	20	11	6	14	21	23	23	26	21
Suicide	1,214	0	0	0	11	48	100	72	125	99	108
Homicide	740	13	18	3	10	101	116	75	94	79	58
All other external causes	171	3	4	2	2	5	9	14	14	12	16

Table 21A. Resident Deaths by Selected Causes by Age Groups: Missouri, 2022

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	1,530	2,360	3,950	5,922	7,064	7,974	8,987	9,164	19,168	2
COVID-19	80	154	269	381	471	519	576	606	1,106	0
Septicemia	26	34	62	89	116	152	145	149	210	0
HIV / AIDS	6	7	6	9	4	2	2	0	0	0
Malignant neoplasms	255	479	906	1,549	1,900	1,931	1,997	1,632	2,105	0
...Colon, rectum, and anus	55	63	99	164	164	135	156	112	234	0
...Pancreas	17	40	75	108	128	154	156	127	129	0
...Trachea, bronchus, and lung	41	97	263	460	573	566	580	405	371	0
...Breast	30	48	88	102	112	113	124	109	172	0
...Cervix uteri, corpus uteri, and ovary	13	29	32	65	84	79	69	65	77	0
...Prostate	0	4	15	50	80	77	95	113	197	0
...Urinary tract	6	20	33	73	90	103	102	95	156	0
...Non-Hodgkin's lymphoma	6	11	21	33	59	55	82	79	86	0
...Leukemia	9	16	16	25	47	58	83	84	126	0
...Other malignant neoplasms	78	151	264	469	563	591	550	443	557	0
Diabetes mellitus	42	69	139	200	238	252	273	208	359	0
Alzheimer's disease	0	4	10	19	55	138	287	491	1,615	0
Parkinson's disease	0	1	4	18	52	99	151	222	270	0
Diseases of heart	279	480	919	1,391	1,601	1,824	1,994	2,102	5,112	1
Essential hypertension	4	11	17	37	60	55	58	60	241	0
Cerebrovascular diseases	33	78	107	189	283	327	408	502	1,160	0
Influenza and pneumonia	17	18	34	79	115	111	156	151	373	0
Chronic lower respiratory disease	24	55	167	357	456	572	652	598	890	0
Pneumonitis due to solids and liquids	0	8	15	29	41	55	66	87	198	0
Chronic liver disease and cirrhosis	70	100	146	160	138	106	101	43	42	0
Nephritis and nephrosis	29	47	76	127	163	200	241	254	500	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	7	7	15	12	7	8	3	5	5	0
Symptoms and ill-defined conditions	8	18	21	35	32	58	40	47	94	0
All other diseases	210	326	552	783	945	1,227	1,536	1,701	4,271	1
Unintentional injuries	291	310	342	319	289	258	242	256	575	0
...Motor vehicle crashes	64	74	87	85	73	50	53	41	39	0
...Falls	9	13	19	41	58	98	120	138	376	0
...Accidental poisoning	196	187	189	133	88	26	11	5	3	0
...Other unintentional injuries	22	36	47	60	70	84	58	72	157	0
Suicide	93	100	92	104	71	70	46	41	34	0
Homicide	42	42	35	24	16	5	5	1	3	0
All other external causes	14	12	16	11	11	5	8	8	5	0

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2022

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	37,457	246	60	31	47	269	407	488	621	723	838
COVID-19	2,322	3	2	0	1	3	6	4	10	22	29
Septicemia	479	3	0	0	1	0	0	3	4	6	3
HIV / AIDS	41	0	0	0	0	0	1	2	4	1	2
Malignant neoplasms	6,923	1	0	1	2	6	9	16	19	27	60
...Colon, rectum, and anus	680	0	0	0	0	0	0	1	2	6	9
...Pancreas	488	0	0	0	0	0	1	0	0	2	4
...Trachea, bronchus, and lung	1,796	0	0	0	0	0	0	0	0	2	8
...Breast	12	0	0	0	0	0	0	0	0	0	0
...Cervix uteri, corpus uteri, and ovary	1	0	0	0	0	0	0	0	0	0	0
...Prostate	631	0	0	0	0	0	0	0	0	0	0
...Urinary tract	499	0	0	0	0	0	0	1	1	2	3
...Non-Hodgkin's lymphoma	254	0	0	0	0	0	1	3	0	1	2
...Leukemia	264	0	0	0	0	1	2	2	3	1	2
...Other malignant neoplasms	2,298	1	0	1	2	5	5	9	13	13	32
Diabetes mellitus	1,041	0	0	0	0	2	3	4	10	20	16
Alzheimer's disease	763	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	512	0	0	0	0	0	0	0	0	0	0
Diseases of heart	8,852	4	2	0	2	3	9	23	26	69	131
Essential hypertension	218	0	0	0	0	0	1	0	0	2	3
Cerebrovascular diseases	1,413	0	2	0	0	1	1	2	5	9	12
Influenza and pneumonia	564	1	0	2	0	0	1	2	5	9	6
Chronic lower respiratory disease	1,762	0	1	0	0	0	3	3	3	3	3
Pneumonitis due to solids and liquids	290	0	0	0	0	1	0	2	1	0	1
Chronic liver disease and cirrhosis	643	0	0	0	0	0	0	5	13	26	41
Nephritis and nephrosis	861	0	0	1	0	0	1	2	3	10	13
Perinatal conditions	114	113	1	0	0	0	0	0	0	0	0
Congenital anomalies	85	29	3	2	3	2	1	0	2	3	4
Symptoms and ill-defined conditions	214	15	3	1	1	1	1	1	3	13	6
All other diseases	5,473	17	7	10	5	8	23	52	48	74	105
Unintentional injuries	3,217	49	26	10	15	110	163	245	275	279	270
...Motor vehicle crashes	792	0	7	7	4	71	57	60	63	62	59
...Falls	439	0	0	0	2	2	0	2	2	4	8
...Accidental poisoning	1,438	3	8	0	4	27	90	165	191	190	193
...Other unintentional injuries	548	46	11	3	5	10	16	18	19	23	10
Suicide	981	0	0	0	5	40	87	59	102	79	81
Homicide	581	8	11	2	10	87	90	54	78	61	44
All other external causes	108	3	2	2	2	5	7	7	10	10	8

Table 21B. Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2022

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	945	1,443	2,412	3,581	4,135	4,404	4,787	4,587	7,431	2
COVID-19	46	96	161	227	257	280	321	343	511	0
Septicemia	14	14	35	40	51	80	69	75	81	0
HIV / AIDS	6	6	6	6	4	2	1	0	0	0
Malignant neoplasms	121	244	488	851	1,064	1,058	1,080	860	1,016	0
...Colon, rectum, and anus	36	34	60	95	100	79	82	64	112	0
...Pancreas	9	27	42	48	79	84	83	64	45	0
...Trachea, bronchus, and lung	18	55	147	252	298	301	313	218	184	0
...Breast	1	0	0	2	2	1	2	0	4	0
...Cervix uteri, corpus uteri, and ovary	0	0	0	0	0	0	0	0	1	0
...Prostate	0	4	15	50	80	77	95	113	197	0
...Urinary tract	5	14	26	61	65	69	76	70	106	0
...Non-Hodgkin's lymphoma	4	6	11	21	41	32	46	46	40	0
...Leukemia	5	7	11	16	25	32	49	47	61	0
...Other malignant neoplasms	43	97	176	306	374	383	334	238	266	0
Diabetes mellitus	31	40	89	118	149	138	152	106	163	0
Alzheimer's disease	0	2	4	7	21	45	105	176	403	0
Parkinson's disease	0	0	4	13	36	66	108	149	136	0
Diseases of heart	185	325	587	953	1,019	1,089	1,182	1,135	2,107	1
Essential hypertension	4	5	8	18	37	35	21	32	52	0
Cerebrovascular diseases	17	45	69	111	171	168	211	200	389	0
Influenza and pneumonia	8	10	20	52	60	68	89	68	163	0
Chronic lower respiratory disease	11	18	79	174	247	281	318	276	342	0
Pneumonitis due to solids and liquids	0	6	8	16	30	33	41	60	91	0
Chronic liver disease and cirrhosis	45	63	98	102	93	64	48	25	20	0
Nephritis and nephrosis	17	24	44	67	92	103	119	126	239	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	4	5	7	7	3	5	1	2	2	0
Symptoms and ill-defined conditions	7	13	15	18	19	30	17	20	28	0
All other diseases	111	192	331	461	515	623	717	746	1,427	1
Unintentional injuries	203	212	245	234	195	172	139	144	231	0
...Motor vehicle crashes	42	53	73	67	51	33	31	27	25	0
...Falls	8	9	14	31	32	59	63	71	132	0
...Accidental poisoning	133	122	126	91	63	23	6	3	0	0
...Other unintentional injuries	20	28	32	45	49	57	39	43	74	0
Suicide	76	76	71	87	52	60	40	38	28	0
Homicide	34	37	28	18	12	4	3	0	0	0
All other external causes	5	10	15	1	8	0	5	6	2	0

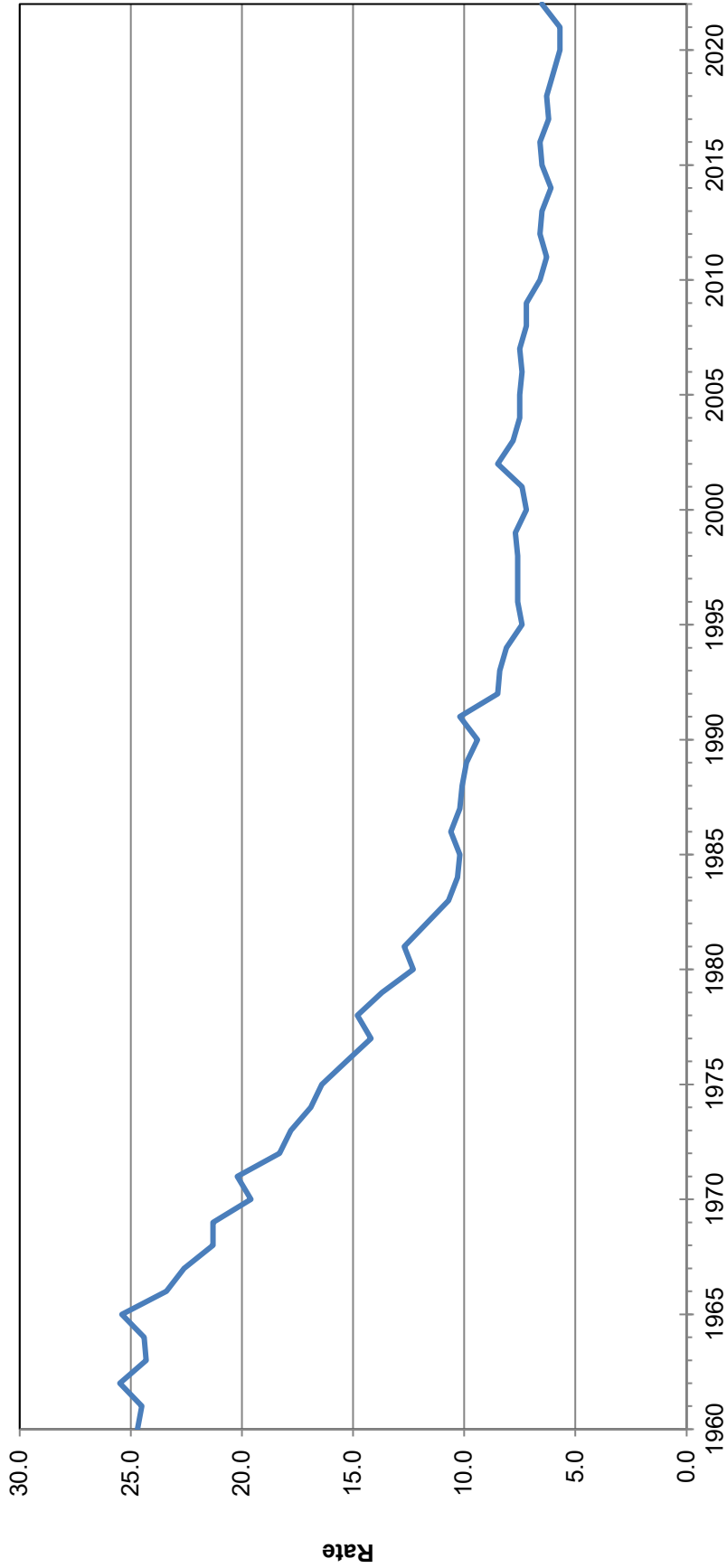
Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2022

	All Ages	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
All causes	34,319	204	41	25	30	86	156	206	304	347	526
COVID-19	1,994	1	2	1	0	0	4	9	13	16	28
Septicemia	545	1	1	1	0	0	1	1	3	3	10
HIV / AIDS	11	0	0	0	0	0	0	3	0	1	2
Malignant neoplasms	6,142	1	1	7	4	4	4	6	27	46	70
...Colon, rectum, and anus	538	0	0	0	0	0	0	0	0	7	11
...Pancreas	460	1	0	0	0	0	0	0	0	0	6
...Trachea, bronchus, and lung	1,579	0	0	0	0	0	0	0	1	1	7
...Breast	920	0	0	0	0	0	0	0	6	13	15
...Cervix uteri, corpus uteri, and ovary	541	0	0	0	0	0	1	1	6	6	15
...Prostate	0	0	0	0	0	0	0	0	0	0	0
...Urinary tract	189	0	0	0	0	0	0	0	1	1	1
...Non-Hodgkin's lymphoma	188	0	0	0	0	0	0	0	2	1	0
...Leukemia	223	0	0	0	1	2	0	2	5	2	0
...Other malignant neoplasms	1,504	0	1	7	3	2	3	3	6	15	15
Diabetes mellitus	836	0	0	0	1	0	3	5	3	10	20
Alzheimer's disease	1,856	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	306	0	0	0	0	0	0	0	0	0	1
Diseases of heart	7,266	2	2	0	0	3	7	9	11	43	69
Essential hypertension	335	0	0	0	0	0	0	0	0	2	2
Cerebrovascular diseases	1,735	0	0	1	0	0	2	1	3	9	13
Influenza and pneumonia	533	4	0	0	1	0	1	1	3	1	6
Chronic lower respiratory disease	2,047	0	0	0	3	0	2	1	3	8	5
Pneumonitis due to solids and liquids	218	0	0	0	0	0	0	0	2	1	1
Chronic liver disease and cirrhosis	403	0	0	0	0	0	0	4	6	18	27
Nephritis and nephrosis	822	0	0	0	0	0	0	2	1	6	7
Perinatal conditions	94	92	1	0	1	0	0	0	0	0	0
Congenital anomalies	103	45	7	0	1	2	2	3	5	4	1
Symptoms and ill-defined conditions	216	14	1	0	1	1	2	4	1	2	4
All other diseases	6,697	13	5	5	5	13	16	28	61	48	75
Unintentional injuries	1,705	26	12	9	7	41	71	88	119	89	136
...Motor vehicle crashes	313	2	2	1	5	21	25	20	34	19	20
...Falls	456	0	0	0	0	1	0	0	1	1	0
...Accidental poisoning	645	2	1	0	1	15	41	63	80	66	105
...Other unintentional injuries	291	22	9	8	1	4	5	5	4	3	11
Suicide	233	0	0	0	6	8	13	13	23	20	27
Homicide	159	5	7	1	0	14	26	21	16	18	14
All other external causes	63	0	2	0	0	0	2	7	4	2	8

Table 21C. Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2022

	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unknown
All causes	585	917	1,538	2,341	2,929	3,570	4,200	4,577	11,737	0
COVID-19	34	58	108	154	214	239	255	263	595	0
Septicemia	12	20	27	49	65	72	76	74	129	0
HIV / AIDS	0	1	0	3	0	0	1	0	0	0
Malignant neoplasms	134	235	418	698	836	873	917	772	1,089	0
...Colon, rectum, and anus	19	29	39	69	64	56	74	48	122	0
...Pancreas	8	13	33	60	49	70	73	63	84	0
...Trachea, bronchus, and lung	23	42	116	208	275	265	267	187	187	0
...Breast	29	48	88	100	110	112	122	109	168	0
...Cervix uteri, corpus uteri, and ovary	13	29	32	65	84	79	69	65	76	0
...Prostate	0	0	0	0	0	0	0	0	0	0
...Urinary tract	1	6	7	12	25	34	26	25	50	0
...Non-Hodgkin's lymphoma	2	5	10	12	18	23	36	33	46	0
...Leukemia	4	9	5	9	22	26	34	37	65	0
...Other malignant neoplasms	35	54	88	163	189	208	216	205	291	0
Diabetes mellitus	11	29	50	82	89	114	121	102	196	0
Alzheimer's disease	0	2	6	12	34	93	182	315	1,212	0
Parkinson's disease	0	1	0	5	16	33	43	73	134	0
Diseases of heart	94	155	332	438	582	735	812	967	3,005	0
Essential hypertension	0	6	9	19	23	20	37	28	189	0
Cerebrovascular diseases	16	33	38	78	112	159	197	302	771	0
Influenza and pneumonia	9	8	14	27	55	43	67	83	210	0
Chronic lower respiratory disease	13	37	88	183	209	291	334	322	548	0
Pneumonitis due to solids and liquids	0	2	7	13	11	22	25	27	107	0
Chronic liver disease and cirrhosis	25	37	48	58	45	42	53	18	22	0
Nephritis and nephrosis	12	23	32	60	71	97	122	128	261	0
Perinatal conditions	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	3	2	8	5	4	3	2	3	3	0
Symptoms and ill-defined conditions	1	5	6	17	13	28	23	27	66	0
All other diseases	99	134	221	322	430	604	819	955	2,844	0
Unintentional injuries	88	98	97	85	94	86	103	112	344	0
...Motor vehicle crashes	22	21	14	18	22	17	22	14	14	0
...Falls	1	4	5	10	26	39	57	67	244	0
...Accidental poisoning	63	65	63	42	25	3	5	2	3	0
...Other unintentional injuries	2	8	15	15	21	27	19	29	83	0
Suicide	17	24	21	17	19	10	6	3	6	0
Homicide	8	5	7	6	4	1	2	1	3	0
All other external causes	9	2	1	10	3	5	3	2	3	0

Graph E. Resident Infant Deaths per 1,000 Live Births: Missouri, 1960-2022



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	2013	488	6.5
1970	1,580	19.6	1995	539	7.4	2014	456	6.1
1975	1,123	16.4	2000	547	7.2	2015	489	6.5
1980	970	12.3	2005	588	7.5	2017	455	6.2
						2018	459	6.3
						2019	432	6.0
						2020	392	5.7
						2021	393	5.7
						2022	450	6.5

Table 22A. Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2022

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	627	450	365	262	188	23
Counties						
Adair	4	2	2	2	0	0
Andrew	0	1	0	0	1	0
Atchison	1	1	0	1	0	0
Audrain	2	3	0	2	1	1
Barry	3	4	0	3	1	0
Barton	1	2	0	1	1	0
Bates	1	0	1	0	0	0
Benton	5	3	5	0	3	0
Bollinger	0	2	0	0	2	0
Boone	19	15	8	11	4	1
Buchanan	12	6	9	3	3	0
Butler	7	7	5	2	5	0
Caldwell	1	0	1	0	0	0
Callaway	5	3	3	2	1	0
Camden	4	2	4	0	2	0
Cape Girardeau	9	8	5	4	4	0
Carroll	2	2	0	2	0	0
Carter	2	2	0	2	0	0
Cass	6	3	4	2	1	0
Cedar	4	3	1	3	0	0
Chariton	0	0	0	0	0	0
Christian	11	7	7	4	3	0
Clark	0	0	0	0	0	0
Clay	24	15	15	9	6	0
Clinton	1	0	1	0	0	0
Cole	9	5	6	3	2	0
Cooper	1	1	1	0	1	0
Crawford	3	5	0	3	2	0
Dade	2	2	0	2	0	0
Dallas	1	0	1	0	0	0
Davies	0	1	0	0	1	0
Dekalb	0	0	0	0	0	0
Dent	2	2	0	2	0	0
Douglas	1	2	0	1	1	0
Dunklin	4	5	2	2	3	0
Franklin	4	3	4	0	3	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Gasconade	4	2	2	2	0	0
Gentry	1	0	1	0	0	0
Greene	33	23	23	10	13	2
Grundy	2	2	0	2	0	0
Harrison	0	0	0	0	0	0
Henry	2	0	2	0	0	0
Hickory	0	0	0	0	0	0
Holt	1	0	1	0	0	0
Howard	0	0	0	0	0	0
Howell	5	5	2	3	2	1
Iron	2	3	1	1	2	0
Jackson	92	63	58	34	29	3
Jasper	14	11	7	7	4	1
Jefferson	14	7	10	4	3	0
Johnson	2	2	2	0	2	0
Knox	0	0	0	0	0	0
Laclede	6	6	3	3	3	1
Lafayette	2	2	1	1	1	0
Lawrence	4	4	4	0	4	0
Lewis	0	0	0	0	0	0
Lincoln	7	6	5	2	4	0
Linn	0	0	0	0	0	0
Livingston	0	0	0	0	0	0
Macon	1	0	1	0	0	0
Madison	2	0	2	0	0	0
Maries	0	0	0	0	0	0
Marion	2	3	1	1	2	0
McDonald	7	3	5	2	1	2
Mercer	0	0	0	0	0	0
Miller	6	4	2	4	0	0
Mississippi	4	2	3	1	1	0
Moniteau	2	2	0	2	0	0
Monroe	1	0	1	0	0	0
Montgomery	1	0	1	0	0	0
Morgan	2	1	1	1	0	0
New Madrid	2	1	1	1	0	0
Newton	4	5	1	3	2	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, 2022

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	0	1	0	0	1	0
Osage	1	0	1	0	0	0
Ozark	1	0	1	0	0	0
Pemiscot	3	4	0	3	1	0
Perry	3	2	2	1	1	0
Pettis	3	2	2	1	1	0
Phelps	4	4	3	1	3	1
Pike	1	0	1	0	0	0
Platte	11	6	6	5	1	0
Polk	0	0	0	0	0	0
Pulaski	4	1	4	0	1	1
Putnam	1	1	0	1	0	0
Ralls	1	0	1	0	0	0
Randolph	1	0	1	0	0	0
Ray	3	2	2	1	1	0
Reynolds	0	0	0	0	0	0
Ripley	2	2	0	2	0	0
Saline	4	3	2	2	1	0
Schuyler	3	1	2	1	0	0
Scotland	0	0	0	0	0	0
Scott	4	4	1	3	1	0
Shannon	0	0	0	0	0	0
Shelby	0	0	0	0	0	0
St. Charles	25	22	14	11	11	2
St. Clair	0	0	0	0	0	0
St. Francois	8	5	3	5	0	0
St. Louis City	44	33	25	19	14	1
St. Louis County	88	58	48	40	18	5
Ste. Genevieve	2	1	1	1	0	0
Stoddard	0	2	0	0	2	0
Stone	4	1	3	1	0	0
Sullivan	0	0	0	0	0	0
Taney	6	5	3	3	2	0
Texas	3	1	2	1	0	0
Vernon	2	0	2	0	0	1
Warren	5	6	2	3	3	0
Washington	0	1	0	0	1	0
Wayne	2	1	1	1	1	0
Webster	6	3	3	3	3	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Worth	0	0	0	0	0	0
Wright	4	4	1	3	1	0
Unknown	2	0	2	0	0	0
Cities w/25k Pop.	2	1	1	1	0	0
Bailwin	2	1	1	1	0	0
Blue Springs	3	2	2	1	1	0
Cape Girardeau	3	3	2	1	2	0
Chesterfield	0	0	0	0	0	0
Columbia	15	12	5	10	2	0
Florissant	4	3	2	2	1	0
Gladstone	3	1	2	1	0	0
Grandview	2	2	1	1	1	0
Hazelwood	1	3	0	1	2	0
Independence	14	11	10	4	7	0
Jefferson City	7	4	5	2	2	0
Kirkwood	2	0	2	0	0	0
Lee's Summit	6	4	4	2	2	0
Liberty	1	2	0	1	1	0
Maryland Heights	3	1	2	1	0	0
O'Fallon	5	4	4	1	3	2
Raytown	7	3	4	3	0	0
St. Charles	7	5	4	3	2	0
St. Joseph	11	6	8	3	3	0
St. Louis City	44	33	25	19	14	1
St. Peters	3	3	2	1	2	0
Springfield	21	20	12	9	11	0
University City	1	1	0	1	0	0
Wentzville	1	4	0	1	3	0
Wildwood	3	2	1	2	0	0
Multi-County Cities	9	5	5	4	1	0
Joplin	9	5	5	4	1	0
...Jasper Co. Part	8	5	4	4	1	0
...Newton Co. Part	1	0	1	0	0	0
Kansas City	77	47	50	27	20	1
...Jackson Co. Part	56	37	35	21	16	1
...Clay Co. Part	14	7	10	4	3	0
...Platte Co. Part	7	3	5	2	1	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, 2022

County	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	383	273	217	166	107	14
Counties						
Adair	4	2	2	2	0	0
Andrew	0	1	0	0	1	0
Atchison	1	1	0	1	0	0
Audrain	1	2	0	1	1	1
Barry	2	3	0	2	1	0
Barton	1	1	0	1	0	0
Bates	1	0	1	0	0	0
Benton	5	2	5	0	2	0
Bollinger	0	2	0	0	2	0
Boone	11	9	4	7	2	1
Buchanan	7	3	5	2	1	0
Butler	6	5	4	2	3	0
Caldwell	1	0	1	0	0	0
Callaway	5	3	3	2	1	0
Camden	4	2	4	0	2	0
Cape Girardeau	6	3	4	2	1	0
Carroll	2	2	0	2	0	0
Carter	2	2	0	2	0	0
Cass	6	3	4	2	1	0
Cedar	4	3	1	3	0	0
Chariton	0	0	0	0	0	0
Christian	9	6	6	3	3	0
Clark	0	0	0	0	0	0
Clay	14	13	7	7	6	0
Clinton	1	0	1	0	0	0
Cole	8	4	5	3	1	0
Cooper	1	1	1	0	1	0
Crawford	3	5	0	3	2	0
Dade	2	2	0	2	0	0
Dallas	1	0	1	0	0	0
Davies	0	1	0	0	1	0
Dekalb	0	0	0	0	0	0
Dent	2	2	0	2	0	0
Douglas	1	2	0	1	1	0
Dunklin	3	5	1	2	3	0
Franklin	4	3	4	0	3	0
Gasconade	3	1	2	1	0	0
Gentry	1	0	1	0	0	0
Greene	25	16	17	8	8	1
Grundy	2	2	0	2	0	0
Harrison	0	0	0	0	0	0
Henry	1	0	1	0	0	0
Hickory	0	0	0	0	0	0
Holt	1	0	1	0	0	0
Howard	0	0	0	0	0	0
Howell	5	5	2	3	2	1
Iron	2	3	1	1	2	0
Jackson	29	19	19	10	9	1
Jasper	10	9	4	6	3	0
Jefferson	13	5	10	3	2	0
Johnson	2	1	2	0	1	0
Knox	0	0	0	0	0	0
Laclede	6	6	3	3	3	1
Lafayette	2	1	1	1	0	0
Lawrence	3	4	3	0	4	0
Lewis	0	0	0	0	0	0
Lincoln	5	6	3	2	4	0
Linn	0	0	0	0	0	0
Livingston	0	0	0	0	0	0
Macon	1	0	1	0	0	0
Madison	2	0	2	0	0	0
Maries	0	0	0	0	0	0
Marion	1	3	0	1	2	0
McDonald	3	2	2	1	1	2
Mercer	0	0	0	0	0	0
Miller	6	4	2	4	0	0
Mississippi	2	1	1	1	0	0
Moniteau	2	2	0	2	0	0
Monroe	0	0	0	0	0	0
Montgomery	1	0	1	0	0	0
Morgan	2	1	1	1	0	0
New Madrid	2	1	1	1	0	0
Newton	3	4	0	3	1	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, 2022

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Oregon	0	1	0	0	1	0
Osage	1	0	1	0	0	0
Ozark	0	0	0	0	0	0
Pemiscot	1	1	0	1	0	0
Perry	2	0	2	0	0	0
Pettis	2	1	1	1	0	0
Phelps	3	3	3	0	3	1
Pike	1	0	1	0	0	0
Platte	6	4	3	3	1	0
Polk	0	0	0	0	0	0
Pulaski	2	1	2	0	1	1
Putnam	1	1	0	1	0	0
Ralls	1	0	1	0	0	0
Randolph	1	0	1	0	0	0
Ray	3	2	2	1	1	0
Reynolds	0	0	0	0	0	0
Ripley	2	2	0	2	0	0
Saline	2	3	0	2	1	0
Schuyler	3	1	2	1	0	0
Scotland	0	0	0	0	0	0
Scott	4	4	1	3	1	0
Shannon	0	0	0	0	0	0
Shelby	0	0	0	0	0	0
St. Charles	18	15	10	8	7	2
St. Clair	0	0	0	0	0	0
St. Francois	6	5	1	5	0	0
St. Louis City	9	6	5	4	2	0
St. Louis County	32	15	18	14	1	1
Ste. Genevieve	1	0	1	0	0	0
Stoddard	0	1	0	0	1	0
Stone	4	1	3	1	0	0
Sullivan	0	0	0	0	0	0
Taney	5	5	2	3	2	0
Texas	2	0	2	0	0	0
Vernon	2	0	2	0	0	1
Warren	5	5	2	3	2	0
Washington	0	1	0	0	1	0
Wayne	1	1	0	1	0	0
Webster	6	3	3	3	0	0

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
Worth	0	0	0	0	0	0
Wright	2	2	1	1	1	0
Unknown	2	0	2	0	0	0
<u>Cities w/25k Pop.</u>						
Ballwin	2	1	1	1	0	0
Blue Springs	1	1	1	0	1	0
Cape Girardeau	2	0	2	0	0	0
Chesterfield	0	0	0	0	0	0
Columbia	8	7	1	7	0	0
Florissant	2	3	0	2	1	0
Gladstone	1	1	0	1	0	0
Grandview	1	1	0	1	0	0
Hazelwood	0	0	0	0	0	0
Independence	7	5	6	1	4	0
Jefferson City	6	3	4	2	1	0
Kirkwood	2	0	2	0	0	0
Lee's Summit	2	2	1	1	1	0
Liberty	1	2	0	1	1	0
Maryland Heights	2	1	1	1	0	0
O'Fallon	3	2	3	0	2	2
Raytown	1	1	0	1	0	0
St. Charles	5	3	3	2	1	0
St. Joseph	6	3	4	2	1	0
St. Louis City	9	6	5	4	2	0
St. Peters	2	3	1	1	2	0
Springfield	15	13	8	7	6	0
University City	1	1	0	1	0	0
Wentzville	0	2	0	0	2	0
Wildwood	2	1	1	1	0	0
<u>Multi-County Cities</u>						
Joplin	6	4	3	3	1	0
...Jasper Co. Part	6	4	3	3	1	0
...Newton Co. Part	0	0	0	0	0	0
Kansas City	24	13	16	8	5	1
...Jackson Co. Part	13	5	9	4	1	1
...Clay Co. Part	8	6	5	3	3	0
...Platte Co. Part	3	2	2	1	1	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, 2022

	Perinatal Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Maternal Deaths
State Total	154	121	91	63	58	7
Counties						
Adair	0	0	0	0	0	0
Andrew	0	0	0	0	0	0
Atchison	0	0	0	0	0	0
Audrain	0	0	0	0	0	0
Barry	0	0	0	0	0	0
Barton	0	0	0	0	0	0
Bates	0	0	0	0	0	0
Benton	0	0	0	0	0	0
Bollinger	0	0	0	0	0	0
Boone	5	3	3	2	1	0
Buchanan	1	2	0	1	1	0
Butler	0	2	0	0	2	0
Caldwell	0	0	0	0	0	0
Callaway	0	0	0	0	0	0
Camden	0	0	0	0	0	0
Cape Girardeau	1	2	0	1	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	1	3	1	0	0
Clinton	0	0	0	0	0	0
Cole	1	1	1	0	1	0
Cooper	0	0	0	0	0	0
Crawford	0	0	0	0	0	0
Dade	0	0	0	0	0	0
Dallas	0	0	0	0	0	0
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	0	0	0	0	0
Franklin	0	0	0	0	0	0
Gasconade	0	0	0	0	0	0
Gentry	0	0	0	0	0	0
Greene	4	5	2	2	3	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	40	33	24	16	17	2
Jasper	1	1	0	1	0	0
Jefferson	0	0	0	0	0	0
Johnson	0	0	0	0	0	0
Knox	0	0	0	0	0	0
Laclede	0	0	0	0	0	0
Lafayette	0	1	0	0	1	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	2	1	2	0	1	0
Moniteau	0	0	0	0	0	0
Monroe	1	0	1	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	1	0	1	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, 2022

	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	0	0	0	0	0	0
Perry	0	0	0	0	0	0
Pettis	0	0	0	0	0	0
Phelps	1	1	0	1	0	0
Pike	0	0	0	0	0	0
Platte	0	0	0	0	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	0	0	0	0	0	0
Shannon	0	0	0	0	0	0
Shelby	0	0	0	0	0	0
St. Charles	3	3	3	0	3	0
St. Clair	0	0	0	0	0	0
St. Francois	1	0	1	0	0	0
St. Louis City	33	25	20	13	12	1
St. Louis County	53	39	28	25	14	4
Ste. Genevieve	0	0	0	0	0	0
Stoddard	0	1	0	0	1	0
Stone	0	0	0	0	0	0
Sullivan	0	0	0	0	0	0
Taney	1	0	1	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
<u>Cities w/25k Pop.</u>						
Ballwin	0	0	0	0	0	0
Blue Springs	0	0	0	0	0	0
Cape Girardeau	1	2	0	1	1	0
Chesterfield	0	0	0	0	0	0
Columbia	5	3	3	2	1	0
Florissant	2	0	2	0	0	0
Gladstone	1	0	1	0	0	0
Grandview	1	1	1	0	1	0
Hazelwood	1	3	0	1	2	0
Independence	4	3	2	2	1	0
Jefferson City	1	1	1	0	1	0
Kirkwood	0	0	0	0	0	0
Lee's Summit	3	1	2	1	0	0
Liberty	0	0	0	0	0	0
Maryland Heights	0	0	0	0	0	0
O'Fallon	0	0	0	0	0	0
Raytown	6	2	4	2	0	0
St. Charles	1	1	1	0	1	0
St. Joseph	1	2	0	1	1	0
St. Louis City	33	25	20	13	12	1
St. Peters	1	0	1	0	0	0
Springfield	4	5	2	2	3	0
University City	0	0	0	0	0	0
Wentzville	0	1	0	0	1	0
Wildwood	0	0	0	0	0	0
<u>Multi-County Cities</u>						
Joplin	2	1	1	1	0	0
...Jasper Co. Part	1	1	0	1	0	0
...Newton Co. Part	1	0	1	0	0	0
Kansas City	28	26	17	11	15	0
...Jackson Co. Part	26	26	15	11	15	0
...Clay Co. Part	2	0	2	0	0	0
...Platte Co. Part	0	0	0	0	0	0
...Cass Co. Part	0	0	0	0	0	0

Table 22D. Resident Perinatal, Infant, Fetal, Neonatal, and Post-Neonatal Deaths by Resident BRFSS Region with Rates per 1,000 Live Births: Missouri, 2022

	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	627	450	365	262	188	9.1	6.5	5.3	3.8	2.7
BRFSS Regions										
Northeast	21	12	12	9	3	7.4	4.3*	4.3*	3.2*	1.1*
Northwest	19	13	13	6	7	7.2*	4.9*	4.9*	2.3*	2.6*
Central	75	54	41	34	20	9.3	6.7	5.1	4.2	2.5
Southeast	70	64	33	37	27	11.3	10.3	5.3	6.0	4.4
Southwest	109	76	67	42	34	9.8	6.8	6.0	3.8	3.0
St. Louis Metro	190	140	108	82	58	8.2	6.1	4.7	3.6	2.5
Kansas City Metro	141	91	89	52	39	9.4	6.1	5.9	3.5	2.6
Urban	415	287	246	169	118	9.1	6.3	5.4	3.7	2.6
Rural	210	163	117	93	70	9.0	7.0	5.0	4.0	3.0
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, 2022

	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	383	273	217	166	107	14	154	121	91	63	58	7
BRFSS Regions												
Northeast	17	12	8	9	3	0	1	0	1	0	0	0
Northwest	14	9	9	5	4	0	1	2	0	1	1	0
Central	60	43	33	27	16	5	8	5	5	3	2	0
Southeast	52	46	24	28	18	1	4	6	3	1	5	0
Southwest	86	61	50	36	25	4	7	6	4	3	3	0
St. Louis Metro	89	60	52	37	23	3	89	67	51	38	29	5
Kansas City Metro	63	42	39	24	18	1	44	35	27	17	18	2
Urban	206	134	121	85	49	6	147	115	85	62	53	7
Rural	175	139	94	81	58	8	7	6	6	1	5	0
Unknown	2	0	2	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, 2022

	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>	273	5.5	166	107	24	62	42	38	44	34	29
White	121	13.2	63	58	9	21	18	15	22	20	16
Black	450	6.5	262	188	36	92	74	60	75	61	52
Total	14	0.3	10	4	0	0	4	6	2	1	1
<u>Infectious Diseases</u>	9	1.0	8	1	0	0	2	6	1	0	0
<u>(A00-B99, P35-P39)</u>	28	0.4	19	9	0	0	7	12	6	1	2
Total	4	0.1	2	2	0	0	1	1	1	0	1
<u>Nervous System Diseases</u>	2	0.2	1	1	0	0	1	0	0	1	0
<u>(G00-G98)</u>	7	0.1	3	4	0	0	2	1	2	1	1
Total	6	0.1	0	6	0	0	0	0	2	1	3
<u>Circulatory System Diseases</u>	0	0.0	0	0	0	0	0	0	0	0	0
<u>(I00-I99)</u>	6	0.1	0	6	0	0	0	0	2	1	3
Total	6	0.1	0	6	0	0	0	0	2	1	3
<u>Respiratory System Diseases</u>	6	0.1	0	6	0	0	0	0	3	1	2
<u>(J00-J99)</u>	6	0.7	1	5	0	0	0	1	3	1	1
Total	12	0.2	1	11	0	0	0	1	6	2	3
<u>Perinatal Conditions</u>	111	2.2	104	7	19	37	29	19	4	2	1
<u>(P00-P34, P40-P96)</u>	51	5.5	45	6	8	20	12	5	4	1	1
Total	187	2.7	173	14	30	65	51	27	8	3	3
<u>Congenital Anomalies</u>	54	1.1	41	13	5	24	7	5	7	4	2
<u>(Q00-Q99)</u>	12	1.3	4	8	1	1	2	0	1	2	5
Total	74	1.1	51	23	6	26	12	7	8	7	8
<u>Sudden Infant Death Syndrome</u>	3	0.1	0	3	0	0	0	0	2	1	0
<u>(R95)</u>	5	0.5	0	5	0	0	0	0	3	2	0
Total	10	0.1	0	10	0	0	0	0	6	4	0
<u>Unintentional Injuries</u>	48	1.0	3	45	0	0	0	3	15	17	13
<u>(V01-X59)</u>	19	2.1	2	17	0	0	0	2	7	6	4
Total	75	1.1	5	70	0	0	0	5	26	27	17
<u>Homicide</u>	3	0.1	0	3	0	0	0	0	1	1	1
<u>(X85-Y09)</u>	6	0.7	1	5	0	0	0	1	2	2	1
Total	13	0.2	2	11	0	0	0	2	3	3	5
<u>All Other Causes</u>	24	0.5	6	18	0	1	1	4	7	6	5
White	11	1.2	1	10	0	0	1	0	1	5	4
Black	38	0.6	8	30	0	1	2	5	8	12	10
Total											

Table 24. Resident Infant Deaths and Rates per 1,000 Live Births by Age of Mother by Birth Order: Missouri, 2022

	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	451	125	167	92	67	6.5	6.1	5.3	7.8	12.5
Under 18	12	11	1	0	0	14.4*	14.9*	11.1*	0.0*	0
18-19	27	15	10	1	1	10.9	8.4*	15.7*	27.0*	111.1*
20-24	110	44	51	13	2	7.7	7.0	7.8	10.9*	9.1*
25-29	130	30	55	28	17	6.2	4.7	5.5	8.0	14.8*
30-34	107	19	28	32	28	5.4	4.7*	2.9	7.6	14.5
35-39	49	5	19	13	12	5.5	4.4*	4.9*	5.6*	7.7*
40 and Over	16	1	3	5	7	9.1*	5.7*	4.8*	10.8*	14.1*

Table 25. Resident Infant Deaths and Rates per 1,000 Live Births by Birth Weight by Race of Mother: Missouri, 2022

Birth Weight (Grams)	Mother's Race			Rates		
	All Races	White	Black	All Races	White	Black
All Weights	451	282	110	6.5	5.7	12.0
Under 500	90	46	30	769.2	851.9	750.0
500-999	74	46	19	210.2	247.3	169.6*
1,000-1,499	22	18	2	40.7	53.6*	14.8*
1,500-1,999	39	23	10	31.1	30.0	32.5*
2,000-2,499	40	24	10	9.9	9.5	10.8*
2,500-2,999	65	37	20	4.9	4.4	7.4
3,000-3,499	70	49	15	2.7	2.6	4.5*
3,500-3,999	45	34	4	2.5	2.4	2.9*
4,000 or More	6	5	0	1.2*	1.2*	0.0*

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, 2022**

	Total Crude Rate	Total Age-Adjusted Rate	All Races	White, Non-Hisp.	Black, Non-Hisp.	Hispanic, Any Race	Other Races
All causes	1,161.8	915.6	71,776	61,734	8,106	843	1,024
COVID-19	69.9	53.8	4,316	3,738	439	51	85
Septicemia	16.6	12.8	1,024	866	128	11	18
HIV / AIDS	0.8	0.8	52	27	21	1	3
Malignant neoplasms	211.5	159.5	13,065	11,433	1,295	139	189
...Colon, rectum, and anus	19.7	15.3	1,218	1,040	151	8	18
...Pancreas	15.3	11.6	948	814	99	14	21
...Trachea, bronchus, and lung	54.6	40.1	3,375	3,006	303	25	38
...Breast	15.1	11.7	932	780	127	12	12
...Cervix uteri, corpus uteri, and ovary	8.8	6.8	542	456	68	8	10
...Prostate	10.2	7.6	631	538	81	4	8
...Urinary tract	11.1	8.3	688	624	49	7	8
...Non-Hodgkin's lymphoma	7.2	5.4	442	404	22	5	11
...Leukemia	7.9	6.2	487	446	28	5	7
...Other malignant neoplasms	61.5	46.6	3,802	3,325	367	51	56
Diabetes mellitus	30.4	23.4	1,877	1,556	261	32	28
Alzheimer's disease	42.4	32.5	2,619	2,381	197	21	20
Parkinson's disease	13.2	10.1	818	772	32	6	8
Diseases of heart	260.9	199.4	16,118	14,036	1,756	133	175
Essential hypertension	9.0	6.8	553	456	85	5	6
Cerebrovascular diseases	51.0	39.0	3,148	2,664	371	42	65
Influenza and pneumonia	17.8	13.7	1,097	985	89	9	14
Chronic lower respiratory disease	61.7	45.9	3,809	3,558	206	8	32
Pneumonitis due to solids and liquids	8.2	6.2	508	460	36	7	5
Chronic liver disease and cirrhosis	16.9	14.2	1,046	908	89	30	17
Nephritis and nephrosis	27.2	20.9	1,683	1,388	250	18	24
Conditions orig. in perinatal period	3.4	4.2	208	122	59	19	7
Congenital anomalies	3.0	3.2	188	146	30	3	9
Symptoms and ill-defined conditions	7.0	5.8	430	353	58	10	8
All other diseases	197.0	153.7	12,170	10,653	1,230	134	142
Unintentional injuries	79.7	75.3	4,922	3,812	886	104	114
...Motor vehicle crashes	17.9	17.2	1,105	877	173	28	27
...Falls	14.5	11.1	895	827	46	12	10
...Accidental poisoning	33.7	35.1	2,083	1,420	561	50	47
...Other unintentional injuries	13.6	11.9	839	688	106	14	30
Suicide	19.7	19.0	1,214	1,059	83	33	37
Homicide	12.0	12.7	740	220	479	25	16
All other external causes	2.8	2.7	171	141	26	2	2

Table 26B. Resident Deaths by Selected Causes of Death by BRFS Region and Urban/Rural Area: Missouri, 2022

	BRFS Region									
	Central	Kansas City	Northeast	Northwest	St. Louis	Southeast	Southwest	Urban	Rural	
All causes	8,114	13,506	3,319	2,718	23,530	8,340	12,247	43,659	28,115	
COVID-19	499	901	223	146	1,323	487	737	2,467	1,849	
Septicemia	129	157	66	48	340	116	168	623	401	
HIV / AIDS	2	14	3	1	20	5	7	43	9	
Malignant neoplasms	1,540	2,432	641	512	4,257	1,528	2,155	7,803	5,262	
...Colon, rectum, and anus	146	213	60	51	405	136	207	745	473	
...Pancreas	112	184	54	43	295	107	153	565	383	
...Trachea, bronchus, and lung	422	591	169	137	1,049	463	544	1,892	1,483	
...Breast	93	174	38	36	348	98	145	598	334	
...Cervix uteri, corpus uteri, and ovary	76	107	30	18	194	45	72	357	185	
...Prostate	76	99	25	18	209	76	128	380	251	
...Urinary tract	72	137	39	22	212	76	130	406	282	
...Non-Hodgkin's lymphoma	51	85	26	22	134	51	73	263	179	
...Leukemia	49	93	21	25	158	57	84	284	203	
...Other malignant neoplasms	443	749	179	140	1,253	419	619	2,313	1,489	
Diabetes mellitus	291	332	120	65	601	174	294	1,025	852	
Alzheimer's disease	181	331	111	96	1,107	353	440	1,691	928	
Parkinson's disease	87	162	28	27	293	79	142	545	273	
Diseases of heart	1,723	2,763	725	662	5,185	2,035	3,024	9,580	6,537	
Essential hypertension	142	82	36	14	178	58	43	292	261	
Cerebrovascular diseases	347	609	134	115	1,084	360	499	1,969	1,179	
Influenza and pneumonia	123	175	72	51	318	182	176	607	490	
Chronic lower respiratory disease	483	618	220	179	917	628	764	1,950	1,859	
Pneumonitis due to solids and liquids	59	78	21	38	189	52	71	310	198	
Chronic liver disease and cirrhosis	105	182	41	29	337	113	239	657	389	
Nephritis and nephrosis	184	317	73	56	553	213	287	1,064	619	
Conditions orig. in perinatal period	26	43	6	6	68	28	31	140	68	
Congenital anomalies	24	46	7	7	54	22	28	124	64	
Symptoms and ill-defined conditions	65	83	36	11	111	56	68	231	199	
All other diseases	1,399	2,657	532	444	3,867	1,219	2,052	7,728	4,442	
Unintentional injuries	502	989	162	159	1,910	453	746	3,265	1,656	
...Motor vehicle crashes	142	188	42	51	322	147	213	585	520	
...Falls	64	213	35	24	377	50	132	643	252	
...Accidental poisoning	185	431	41	52	974	146	253	1,569	513	
...Other unintentional injuries	111	157	44	32	237	110	148	468	371	
Suicide	151	275	52	37	381	115	203	790	424	
Homicide	37	225	8	10	375	40	45	645	95	
All other external causes	15	35	2	5	62	24	28	110	61	

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Adair	Andrew	Atchison	Audrain	Barry	Barton	Bates
All causes	249	184	92	336	509	164	250
COVID-19	13	10	4	25	33	9	29
Septicemia	5	6	0	4	9	4	3
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	52	42	17	64	99	27	35
...Colon, rectum, and anus	9	7	2	6	6	2	3
...Pancreas	5	2	1	3	9	1	4
...Trachea, bronchus, and lung	12	15	4	21	33	4	8
...Breast	3	1	0	4	6	3	2
...Cervix uteri, corpus uteri, and ovary	1	0	0	2	4	1	2
...Prostate	2	2	0	3	5	0	0
...Urinary tract	2	1	2	6	7	3	0
...Non-Hodgkin's lymphoma	2	1	0	2	2	1	2
...Leukemia	2	5	3	2	2	1	1
...Other malignant neoplasms	14	8	5	15	25	11	13
Diabetes mellitus	17	3	6	10	8	5	6
Alzheimer's disease	15	10	2	7	14	8	8
Parkinson's disease	1	1	1	6	2	2	9
Diseases of heart	39	44	15	62	128	38	61
Essential hypertension	5	2	0	13	3	0	3
Cerebrovascular diseases	9	6	7	13	21	11	16
Influenza and pneumonia	8	1	2	1	12	3	1
Chronic lower respiratory disease	16	12	7	16	35	7	18
Pneumonitis due to solids and liquids	1	1	0	4	3	1	0
Chronic liver disease and cirrhosis	2	1	0	6	10	4	2
Nephritis and nephrosis	7	2	0	9	10	6	3
Conditions orig. in perinatal period	1	1	1	2	2	0	0
Congenital anomalies	0	1	1	1	1	1	0
Symptoms and ill-defined conditions	2	1	1	4	2	0	1
All other diseases	36	31	26	62	79	29	35
Unintentional injuries	9	7	2	22	32	8	17
...Motor vehicle crashes	6	2	1	4	11	3	2
...Falls	2	0	0	4	3	0	4
...Accidental poisoning	0	4	1	7	7	2	7
...Other unintentional injuries	1	1	0	7	11	3	4
Suicide	9	2	0	4	4	1	3
Homicide	2	0	0	1	2	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, 2022

	Benton	Bollinger	Boone	Buchanan	Butler	Caldwell	Callaway
All causes	370	153	1,415	1,045	672	121	500
COVID-19	25	10	47	43	36	10	35
Septicemia	5	7	22	22	12	1	11
HIV / AIDS	0	0	2	0	0	0	0
Malignant neoplasms	73	24	284	178	125	16	97
...Colon, rectum, and anus	7	3	34	16	18	0	8
...Pancreas	5	1	26	12	2	2	4
...Trachea, bronchus, and lung	23	5	57	50	48	5	23
...Breast	5	0	21	14	6	3	8
...Cervix uteri, corpus uteri, and ovary	2	1	17	6	3	0	6
...Prostate	3	1	17	5	2	0	3
...Urinary tract	2	1	14	7	4	1	3
...Non-Hodgkin's lymphoma	0	3	9	9	2	2	6
...Leukemia	3	0	13	9	3	1	5
...Other malignant neoplasms	23	9	76	50	37	2	31
Diabetes mellitus	9	0	34	12	32	4	16
Alzheimer's disease	8	5	51	39	38	3	4
Parkinson's disease	5	3	22	11	5	2	7
Diseases of heart	83	43	275	265	132	22	99
Essential hypertension	0	0	13	3	3	2	10
Cerebrovascular diseases	19	3	62	44	22	5	25
Influenza and pneumonia	5	4	27	23	22	3	10
Chronic lower respiratory disease	35	11	66	77	53	11	26
Pneumonitis due to solids and liquids	2	2	8	10	1	1	3
Chronic liver disease and cirrhosis	13	1	23	13	8	0	6
Nephritis and nephrosis	6	6	22	21	24	7	10
Conditions orig. in perinatal period	0	0	7	3	2	0	2
Congenital anomalies	0	0	9	3	1	0	0
Symptoms and ill-defined conditions	1	1	8	6	4	3	5
All other diseases	49	19	282	168	98	24	93
Unintentional injuries	24	11	107	77	33	3	30
...Motor vehicle crashes	12	6	21	16	9	1	6
...Falls	1	1	14	12	1	1	2
...Accidental poisoning	3	2	51	38	16	1	13
...Other unintentional injuries	8	2	21	11	7	0	9
Suicide	6	2	28	18	12	2	9
Homicide	0	1	14	6	6	2	2
All other external causes	2	0	2	3	3	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Camden	Cape Girardeau	Carroll	Carter	Cass	Cedar	Chariton
All causes	602	905	126	74	1,236	218	125
COVID-19	30	46	7	4	78	16	6
Septicemia	9	11	1	1	12	3	3
HIV / AIDS	0	1	0	0	0	0	0
Malignant neoplasms	130	159	24	21	233	41	21
...Colon, rectum, and anus	8	11	3	2	19	5	2
...Pancreas	5	15	4	2	13	4	3
...Trachea, bronchus, and lung	43	41	7	8	64	8	6
...Breast	8	11	1	0	21	2	0
...Cervix uteri, corpus uteri, and ovary	7	9	0	1	7	1	2
...Prostate	8	11	0	2	12	3	0
...Urinary tract	5	4	1	0	16	3	1
...Non-Hodgkin's lymphoma	3	11	1	0	7	1	1
...Leukemia	3	8	1	0	11	3	0
...Other malignant neoplasms	40	38	6	6	63	11	6
Diabetes mellitus	17	19	4	0	29	10	4
Alzheimer's disease	10	65	6	4	26	9	1
Parkinson's disease	6	10	0	0	20	0	2
Diseases of heart	138	194	28	9	262	50	31
Essential hypertension	4	13	0	0	11	1	0
Cerebrovascular diseases	21	40	8	4	58	12	5
Influenza and pneumonia	9	21	1	1	17	5	2
Chronic lower respiratory disease	33	78	6	7	66	11	11
Pneumonitis due to solids and liquids	4	7	3	0	3	0	3
Chronic liver disease and cirrhosis	4	13	0	1	17	5	2
Nephritis and nephrosis	17	43	4	1	25	9	3
Conditions orig. in perinatal period	0	3	1	1	2	2	0
Congenital anomalies	0	1	1	0	4	2	0
Symptoms and ill-defined conditions	2	9	1	1	9	1	1
All other diseases	126	121	23	15	248	31	23
Unintentional injuries	32	30	7	4	73	7	4
...Motor vehicle crashes	11	10	1	2	17	2	1
...Falls	6	6	5	1	17	1	1
...Accidental poisoning	4	7	1	1	27	2	1
...Other unintentional injuries	11	7	0	0	12	2	1
Suicide	10	12	1	0	34	3	2
Homicide	0	6	0	0	7	0	1
All other external causes	0	3	0	0	2	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Christian	Clark	Clay	Clinton	Cole	Cooper	Crawford
All causes	905	85	2,256	277	798	199	376
COVID-19	60	13	158	28	46	9	31
Septicemia	11	2	21	1	19	4	6
HIV / AIDS	1	0	2	0	0	0	0
Malignant neoplasms	189	17	452	44	125	48	48
...Colon, rectum, and anus	20	0	40	3	9	4	7
...Pancreas	16	3	32	0	13	2	1
...Trachea, bronchus, and lung	43	6	115	10	37	15	19
...Breast	13	2	35	1	4	2	3
...Cervix uteri, corpus uteri, and ovary	7	0	29	1	7	1	2
...Prostate	10	1	13	2	5	1	1
...Urinary tract	8	0	27	2	3	3	4
...Non-Hodgkin's lymphoma	8	0	15	3	4	2	0
...Leukemia	7	1	15	4	4	0	0
...Other malignant neoplasms	57	4	131	18	39	18	11
Diabetes mellitus	21	2	54	13	23	4	7
Alzheimer's disease	37	5	72	19	13	4	17
Parkinson's disease	12	0	29	5	3	3	1
Diseases of heart	188	15	441	54	200	52	89
Essential hypertension	3	1	15	2	16	1	4
Cerebrovascular diseases	38	2	108	10	31	9	20
Influenza and pneumonia	11	1	24	5	14	2	9
Chronic lower respiratory disease	46	4	95	20	45	7	22
Pneumonitis due to solids and liquids	9	0	19	1	11	1	3
Chronic liver disease and cirrhosis	19	1	20	4	9	1	12
Nephritis and nephrosis	22	5	53	3	30	3	3
Conditions orig. in perinatal period	3	0	6	0	1	0	4
Congenital anomalies	2	1	10	0	3	1	0
Symptoms and ill-defined conditions	3	2	15	0	8	0	5
All other diseases	151	12	453	49	140	33	63
Unintentional injuries	62	2	144	18	40	10	24
...Motor vehicle crashes	17	0	24	5	9	2	5
...Falls	14	1	41	3	7	2	2
...Accidental poisoning	24	0	61	5	12	4	12
...Other unintentional injuries	7	1	18	5	12	2	5
Suicide	13	0	49	1	15	7	7
Homicide	2	0	10	0	6	0	1
All other external causes	2	0	6	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Dade	Dallas	Davies	Dekalb	Dent	Douglas	Dunklin
All causes	141	243	108	148	248	207	480
COVID-19	4	23	11	9	26	15	23
Septicemia	2	3	2	3	3	3	3
HIV / AIDS	0	0	0	0	0	0	1
Malignant neoplasms	25	40	14	34	48	41	88
...Colon, rectum, and anus	3	4	1	3	3	6	7
...Pancreas	4	0	2	1	3	3	8
...Trachea, bronchus, and lung	9	11	4	12	17	7	31
...Breast	2	3	1	1	2	1	3
...Cervix uteri, corpus uteri, and ovary	1	0	0	1	2	3	3
...Prostate	0	0	1	3	1	2	4
...Urinary tract	0	4	0	1	3	3	3
...Non-Hodgkin's lymphoma	2	3	1	1	0	2	2
...Leukemia	1	3	0	1	2	0	1
...Other malignant neoplasms	3	12	4	10	15	14	26
Diabetes mellitus	5	13	2	6	12	5	10
Alzheimer's disease	6	9	4	5	7	6	27
Parkinson's disease	3	3	0	3	0	4	8
Diseases of heart	40	56	31	32	45	65	114
Essential hypertension	1	0	0	3	10	1	0
Cerebrovascular diseases	7	9	4	5	7	8	30
Influenza and pneumonia	3	5	2	2	2	3	15
Chronic lower respiratory disease	6	20	10	11	12	13	51
Pneumonitis due to solids and liquids	0	2	0	1	2	0	2
Chronic liver disease and cirrhosis	1	4	0	3	5	0	6
Nephritis and nephrosis	0	4	1	3	8	4	13
Conditions orig. in perinatal period	2	0	0	0	2	1	2
Congenital anomalies	0	0	0	0	0	0	3
Symptoms and ill-defined conditions	3	2	0	0	1	0	3
All other diseases	22	33	17	17	42	21	58
Unintentional injuries	8	12	7	9	14	12	21
...Motor vehicle crashes	3	6	3	4	6	4	2
...Falls	2	0	0	0	1	0	5
...Accidental poisoning	1	3	1	2	5	4	4
...Other unintentional injuries	2	3	3	3	2	4	10
Suicide	3	5	2	2	2	5	1
Homicide	0	0	0	0	0	0	1
All other external causes	0	0	1	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Franklin	Gasconade	Gentry	Greene	Grundy	Harrison	Henry
All causes	1,358	237	89	3,482	161	116	368
COVID-19	89	14	5	189	11	12	29
Septicemia	17	2	0	54	4	2	3
HIV / AIDS	0	0	0	3	1	0	0
Malignant neoplasms	263	38	23	541	39	28	69
...Colon, rectum, and anus	19	7	3	66	1	2	10
...Pancreas	21	3	2	36	2	4	10
...Trachea, bronchus, and lung	73	7	4	132	16	5	12
...Breast	21	2	1	31	3	4	2
...Cervix uteri, corpus uteri, and ovary	6	0	3	20	2	2	2
...Prostate	9	1	1	25	1	0	2
...Urinary tract	12	1	2	27	2	1	3
...Non-Hodgkin's lymphoma	18	2	1	27	0	0	1
...Leukemia	17	0	2	25	0	0	2
...Other malignant neoplasms	67	15	4	152	12	10	25
Diabetes mellitus	48	11	0	54	4	2	7
Alzheimer's disease	62	6	2	144	3	0	13
Parkinson's disease	11	4	3	46	1	0	2
Diseases of heart	319	61	31	908	27	34	92
Essential hypertension	11	1	0	9	0	0	6
Cerebrovascular diseases	49	15	4	131	10	5	10
Influenza and pneumonia	16	3	0	49	3	5	2
Chronic lower respiratory disease	67	19	5	158	7	9	24
Pneumonitis due to solids and liquids	16	2	1	22	3	1	1
Chronic liver disease and cirrhosis	17	3	1	79	3	0	7
Nephritis and nephrosis	21	3	1	72	2	2	7
Conditions orig. in perinatal period	0	2	0	9	1	0	0
Congenital anomalies	1	1	0	12	1	0	0
Symptoms and ill-defined conditions	6	4	0	16	3	0	1
All other diseases	196	27	11	625	28	11	61
Unintentional injuries	115	16	1	257	7	3	24
...Motor vehicle crashes	24	6	1	40	1	1	11
...Falls	34	2	0	57	3	0	5
...Accidental poisoning	47	4	0	124	1	0	4
...Other unintentional injuries	10	4	0	36	2	2	4
Suicide	23	4	1	79	2	1	4
Homicide	5	0	0	18	1	1	4
All other external causes	6	1	0	7	0	0	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Hickory	Holt	Howard	Howell	Iron	Jackson	Jasper
All causes	186	69	111	653	182	7,660	1,528
COVID-19	8	9	3	37	14	481	88
Septicemia	2	2	0	6	2	104	25
HIV / AIDS	0	0	0	0	0	11	1
Malignant neoplasms	28	8	22	111	35	1,329	282
...Colon, rectum, and anus	1	0	2	12	2	120	29
...Pancreas	1	0	2	8	2	106	14
...Trachea, bronchus, and lung	8	3	7	34	13	313	77
...Breast	3	1	0	7	1	93	22
...Cervix uteri, corpus uteri, and ovary	0	0	1	4	1	63	14
...Prostate	4	2	2	5	3	54	14
...Urinary tract	4	0	3	5	2	71	17
...Non-Hodgkin's lymphoma	0	0	0	3	1	42	8
...Leukemia	1	0	0	5	3	47	6
...Other malignant neoplasms	6	2	5	28	7	420	81
Diabetes mellitus	5	3	8	13	2	192	51
Alzheimer's disease	3	2	1	21	4	129	72
Parkinson's disease	0	0	2	4	0	71	17
Diseases of heart	43	17	27	159	46	1,562	350
Essential hypertension	1	1	1	5	1	41	5
Cerebrovascular diseases	10	6	2	34	6	339	55
Influenza and pneumonia	2	0	2	8	4	99	19
Chronic lower respiratory disease	16	5	8	40	12	322	121
Pneumonitis due to solids and liquids	0	0	1	6	1	42	6
Chronic liver disease and cirrhosis	2	1	2	8	6	120	26
Nephritis and nephrosis	3	1	2	10	1	178	49
Conditions orig. in perinatal period	0	0	0	0	1	31	5
Congenital anomalies	0	0	0	4	0	27	4
Symptoms and ill-defined conditions	5	0	0	4	1	45	10
All other diseases	40	10	18	139	28	1,528	233
Unintentional injuries	13	3	10	32	17	628	75
...Motor vehicle crashes	5	2	3	9	5	109	20
...Falls	2	0	0	4	1	127	6
...Accidental poisoning	3	0	3	5	8	292	31
...Other unintentional injuries	3	1	4	14	3	100	18
Suicide	4	1	1	7	0	163	22
Homicide	0	0	1	2	0	196	10
All other external causes	1	0	0	3	1	22	2

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Jefferson	Johnson	Knox	Laclede	Lafayette	Lawrence	Lewis
All causes	2,553	490	51	498	439	537	131
COVID-19	185	26	7	33	38	30	6
Septicemia	31	8	0	11	3	8	4
HIV / AIDS	1	1	0	0	0	0	0
Malignant neoplasms	488	85	7	85	84	96	24
...Colon, rectum, and anus	35	5	1	12	9	6	1
...Pancreas	22	8	1	8	8	9	0
...Trachea, bronchus, and lung	151	25	2	24	17	23	6
...Breast	38	5	0	4	6	10	2
...Cervix uteri, corpus uteri, and ovary	23	5	1	1	3	0	0
...Prostate	23	3	0	5	8	9	1
...Urinary tract	27	5	0	8	4	7	3
...Non-Hodgkin's lymphoma	13	6	0	1	3	2	1
...Leukemia	20	2	0	1	5	2	0
...Other malignant neoplasms	136	21	2	21	21	28	10
Diabetes mellitus	72	17	3	9	12	19	0
Alzheimer's disease	96	14	3	6	19	26	2
Parkinson's disease	38	6	0	2	7	9	3
Diseases of heart	524	111	13	117	98	106	32
Essential hypertension	12	3	0	3	1	2	2
Cerebrovascular diseases	93	18	3	30	18	23	5
Influenza and pneumonia	29	9	4	7	5	9	1
Chronic lower respiratory disease	141	18	6	45	27	31	5
Pneumonitis due to solids and liquids	26	18	0	0	5	1	0
Chronic liver disease and cirrhosis	39	7	0	5	4	7	1
Nephritis and nephrosis	65	13	0	18	12	11	8
Conditions orig. in perinatal period	4	0	0	2	0	0	0
Congenital anomalies	1	1	0	2	2	2	0
Symptoms and ill-defined conditions	13	2	0	7	4	7	3
All other diseases	415	90	2	72	64	101	31
Unintentional injuries	201	30	0	34	28	37	3
...Motor vehicle crashes	37	14	0	16	8	17	1
...Falls	43	4	0	6	6	12	0
...Accidental poisoning	98	4	0	3	8	4	1
...Other unintentional injuries	23	8	0	9	6	4	1
Suicide	58	9	3	6	6	9	1
Homicide	12	3	0	3	1	2	0
All other external causes	9	1	0	1	1	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Lincoln	Linn	Livingston	Macon	Madison	Maries	Marion
All causes	623	175	214	217	193	132	402
COVID-19	43	9	20	24	12	16	21
Septicemia	6	4	3	4	0	4	12
HIV / AIDS	0	0	0	1	0	0	1
Malignant neoplasms	137	35	37	46	42	30	72
...Colon, rectum, and anus	14	5	2	5	2	0	6
...Pancreas	8	1	3	5	2	2	7
...Trachea, bronchus, and lung	39	9	9	11	17	13	19
...Breast	4	1	4	2	2	1	3
...Cervix uteri, corpus uteri, and ovary	10	1	2	2	1	3	5
...Prostate	4	2	0	0	1	1	2
...Urinary tract	3	4	3	0	0	1	3
...Non-Hodgkin's lymphoma	4	2	3	2	2	0	4
...Leukemia	8	0	3	1	3	1	5
...Other malignant neoplasms	43	10	8	18	12	8	18
Diabetes mellitus	19	5	7	1	4	4	18
Alzheimer's disease	27	4	6	5	10	1	24
Parkinson's disease	3	0	2	2	2	2	3
Diseases of heart	117	35	38	49	54	27	93
Essential hypertension	6	1	3	1	2	3	1
Cerebrovascular diseases	22	7	10	10	3	3	17
Influenza and pneumonia	13	4	4	2	3	1	9
Chronic lower respiratory disease	26	21	9	11	19	11	29
Pneumonitis due to solids and liquids	5	0	1	0	2	3	2
Chronic liver disease and cirrhosis	15	4	2	2	4	0	5
Nephritis and nephrosis	11	4	3	8	4	3	7
Conditions orig. in perinatal period	1	0	0	0	0	0	1
Congenital anomalies	4	0	0	0	0	0	3
Symptoms and ill-defined conditions	3	0	0	4	3	1	6
All other diseases	91	32	41	32	17	18	52
Unintentional injuries	57	10	25	11	11	2	20
...Motor vehicle crashes	14	1	3	4	4	0	5
...Falls	8	3	12	3	1	0	0
...Accidental poisoning	28	1	7	1	5	1	8
...Other unintentional injuries	7	5	3	3	1	1	7
Suicide	10	0	3	4	1	3	5
Homicide	4	0	0	0	0	0	1
All other external causes	3	0	0	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	McDonald	Mercer	Miller	Mississippi	Moniteau	Monroe	Montgomery
All causes	299	46	320	208	191	123	191
COVID-19	10	2	16	9	13	10	16
Septicemia	0	2	7	1	0	1	0
HIV / AIDS	1	0	0	0	0	0	0
Malignant neoplasms	49	12	70	30	38	22	37
...Colon, rectum, and anus	0	1	5	2	4	2	5
...Pancreas	0	0	3	3	1	1	2
...Trachea, bronchus, and lung	17	2	15	5	14	6	9
...Breast	5	1	5	3	2	1	2
...Cervix uteri, corpus uteri, and ovary	0	0	3	1	2	1	1
...Prostate	9	2	5	0	0	0	2
...Urinary tract	1	3	2	2	0	0	1
...Non-Hodgkin's lymphoma	0	1	2	1	1	3	6
...Leukemia	2	0	1	1	2	1	1
...Other malignant neoplasms	15	2	29	12	12	7	8
Diabetes mellitus	10	1	10	1	4	7	6
Alzheimer's disease	14	3	5	10	1	6	7
Parkinson's disease	4	0	2	3	3	1	2
Diseases of heart	61	14	63	68	41	40	51
Essential hypertension	1	0	9	2	7	2	2
Cerebrovascular diseases	10	1	17	13	14	5	7
Influenza and pneumonia	5	2	7	3	2	1	1
Chronic lower respiratory disease	42	0	20	11	11	5	10
Pneumonitis due to solids and liquids	1	0	1	3	2	1	1
Chronic liver disease and cirrhosis	5	0	7	2	1	2	0
Nephritis and nephrosis	11	2	7	4	1	2	2
Conditions orig. in perinatal period	1	0	4	1	1	0	0
Congenital anomalies	1	0	0	1	1	0	1
Symptoms and ill-defined conditions	5	0	2	1	3	1	1
All other diseases	45	5	51	29	29	12	31
Unintentional injuries	17	2	14	10	12	4	9
...Motor vehicle crashes	9	0	7	2	7	1	1
...Falls	3	0	3	5	1	0	1
...Accidental poisoning	1	1	3	2	1	1	4
...Other unintentional injuries	4	1	1	1	3	2	3
Suicide	4	0	7	3	5	1	7
Homicide	2	0	0	1	2	0	0
All other external causes	0	0	1	2	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Morgan	New Madrid	Newton	Nodaway	Oregon	Osage	Ozark
All causes	340	308	764	201	190	149	152
COVID-19	26	14	45	10	8	8	5
Septicemia	5	3	11	1	1	2	6
HIV / AIDS	0	1	1	0	0	0	1
Malignant neoplasms	70	58	129	50	32	31	36
...Colon, rectum, and anus	6	5	13	9	2	3	1
...Pancreas	4	4	8	5	5	4	5
...Trachea, bronchus, and lung	23	18	31	7	9	9	14
...Breast	5	2	11	6	1	1	3
...Cervix uteri, corpus uteri, and ovary	5	1	4	1	1	0	0
...Prostate	4	3	11	1	1	3	0
...Urinary tract	2	7	10	2	2	1	1
...Non-Hodgkin's lymphoma	1	2	6	2	1	1	2
...Leukemia	1	2	5	2	2	0	0
...Other malignant neoplasms	19	14	30	15	8	9	10
Diabetes mellitus	14	4	15	6	1	6	5
Alzheimer's disease	1	16	27	10	5	2	4
Parkinson's disease	1	1	14	2	2	3	1
Diseases of heart	78	67	185	47	54	30	40
Essential hypertension	10	5	3	0	0	1	0
Cerebrovascular diseases	11	20	41	8	12	3	6
Influenza and pneumonia	7	6	13	5	6	1	4
Chronic lower respiratory disease	16	31	57	14	8	3	6
Pneumonitis due to solids and liquids	1	2	2	3	2	4	0
Chronic liver disease and cirrhosis	3	4	16	2	3	3	2
Nephritis and nephrosis	6	7	16	7	5	9	3
Conditions orig. in perinatal period	1	1	4	0	0	0	0
Congenital anomalies	0	2	0	0	0	0	0
Symptoms and ill-defined conditions	5	1	3	0	7	1	4
All other diseases	53	41	127	28	39	33	15
Unintentional injuries	22	17	36	8	3	5	8
...Motor vehicle crashes	9	8	15	3	1	1	3
...Falls	3	1	4	3	0	1	0
...Accidental poisoning	2	4	7	0	2	3	3
...Other unintentional injuries	8	4	10	2	0	0	2
Suicide	8	6	12	0	2	4	5
Homicide	1	0	1	0	0	0	1
All other external causes	1	1	6	0	0	0	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Pemiscot	Perry	Pettis	Phelps	Pike	Platte	Polk
All causes	276	230	515	540	235	925	405
COVID-19	19	8	35	45	10	52	28
Septicemia	5	2	5	9	5	10	3
HIV / AIDS	0	0	0	0	0	1	0
Malignant neoplasms	38	43	99	78	40	172	59
...Colon, rectum, and anus	6	2	7	6	4	13	5
...Pancreas	3	3	11	7	7	13	5
...Trachea, bronchus, and lung	8	10	27	19	10	38	9
...Breast	3	3	7	10	2	11	7
...Cervix uteri, corpus uteri, and ovary	1	2	5	5	1	1	1
...Prostate	4	7	4	3	3	9	3
...Urinary tract	1	1	5	2	2	12	4
...Non-Hodgkin's lymphoma	2	0	4	2	0	9	5
...Leukemia	0	5	1	3	3	5	2
...Other malignant neoplasms	10	10	28	21	8	61	18
Diabetes mellitus	5	1	20	38	8	7	10
Alzheimer's disease	6	20	29	15	9	41	16
Parkinson's disease	0	2	8	6	4	15	6
Diseases of heart	101	62	129	97	49	190	96
Essential hypertension	0	0	2	15	2	4	2
Cerebrovascular diseases	6	8	21	21	10	42	22
Influenza and pneumonia	2	8	6	5	5	12	8
Chronic lower respiratory disease	18	26	26	46	17	46	24
Pneumonitis due to solids and liquids	1	0	2	5	3	6	7
Chronic liver disease and cirrhosis	0	4	8	8	4	13	2
Nephritis and nephrosis	8	5	11	10	3	25	16
Conditions orig. in perinatal period	2	0	1	1	0	4	0
Congenital anomalies	1	2	2	1	0	2	0
Symptoms and ill-defined conditions	0	1	5	4	4	5	1
All other diseases	40	19	73	87	34	205	73
Unintentional injuries	16	10	25	38	20	55	23
...Motor vehicle crashes	7	6	5	12	4	14	8
...Falls	1	0	10	1	4	11	3
...Accidental poisoning	2	1	6	21	9	22	3
...Other unintentional injuries	6	3	4	4	3	8	9
Suicide	3	5	6	9	5	10	7
Homicide	4	4	1	2	2	6	2
All other external causes	1	0	1	0	1	2	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds	Ripley
All causes	425	85	133	327	342	96	208
COVID-19	18	5	9	21	27	8	13
Septicemia	6	0	6	2	2	2	6
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	74	13	28	59	67	22	33
...Colon, rectum, and anus	10	0	5	2	6	1	2
...Pancreas	3	1	4	5	6	2	1
...Trachea, bronchus, and lung	17	5	3	16	21	3	12
...Breast	2	0	1	6	2	0	4
...Cervix uteri, corpus uteri, and ovary	4	0	2	2	1	1	2
...Prostate	7	0	3	5	1	2	0
...Urinary tract	5	3	3	5	4	4	4
...Non-Hodgkin's lymphoma	5	0	0	2	2	1	0
...Leukemia	4	0	0	2	4	2	1
...Other malignant neoplasms	17	4	7	14	20	6	7
Diabetes mellitus	21	1	6	17	15	4	4
Alzheimer's disease	7	6	4	4	14	3	5
Parkinson's disease	3	0	1	0	4	0	0
Diseases of heart	67	13	39	69	73	20	43
Essential hypertension	19	2	5	6	3	0	1
Cerebrovascular diseases	18	4	6	9	13	4	4
Influenza and pneumonia	9	1	1	9	9	2	5
Chronic lower respiratory disease	37	13	7	25	13	5	18
Pneumonitis due to solids and liquids	0	0	0	4	1	0	0
Chronic liver disease and cirrhosis	8	0	1	4	2	1	3
Nephritis and nephrosis	6	2	3	5	11	2	2
Conditions orig. in perinatal period	0	0	0	0	0	0	2
Congenital anomalies	0	1	0	1	1	0	0
Symptoms and ill-defined conditions	2	0	2	5	1	3	0
All other diseases	77	18	8	64	51	12	53
Unintentional injuries	39	3	5	17	23	8	8
...Motor vehicle crashes	6	1	2	6	8	5	3
...Falls	0	0	1	1	3	0	1
...Accidental poisoning	29	1	0	5	8	0	2
...Other unintentional injuries	4	1	2	5	4	3	2
Suicide	9	3	1	6	7	0	6
Homicide	2	0	1	0	3	0	1
All other external causes	3	0	0	0	2	0	1

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Saline	Schuyler	Scotland	Scott	Shannon	Shelby	St. Charles
All causes	286	52	49	520	129	100	3,601
COVID-19	22	4	2	32	10	2	188
Septicemia	2	2	2	3	1	2	36
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	72	7	7	90	31	18	734
...Colon, rectum, and anus	7	0	2	8	1	1	56
...Pancreas	5	0	0	3	2	1	51
...Trachea, bronchus, and lung	16	4	2	23	11	8	181
...Breast	4	1	1	8	2	0	51
...Cervix uteri, corpus uteri, and ovary	4	1	1	1	0	1	33
...Prostate	3	0	0	4	3	0	40
...Urinary tract	5	0	0	9	2	0	37
...Non-Hodgkin's lymphoma	4	0	1	2	1	0	26
...Leukemia	2	0	0	5	2	0	27
...Other malignant neoplasms	22	1	0	27	7	7	232
Diabetes mellitus	9	3	1	10	3	1	78
Alzheimer's disease	6	1	1	22	2	2	201
Parkinson's disease	4	0	1	8	1	3	60
Diseases of heart	61	16	8	167	27	23	765
Essential hypertension	2	2	1	2	1	0	32
Cerebrovascular diseases	7	0	5	27	7	6	172
Influenza and pneumonia	5	3	0	11	1	6	76
Chronic lower respiratory disease	15	3	4	27	7	7	152
Pneumonitis due to solids and liquids	1	0	0	3	0	1	32
Chronic liver disease and cirrhosis	4	0	2	7	2	2	45
Nephritis and nephrosis	4	1	2	12	0	2	81
Conditions orig. in perinatal period	2	1	0	2	0	0	7
Congenital anomalies	0	0	0	1	0	0	14
Symptoms and ill-defined conditions	1	0	0	5	0	2	13
All other diseases	56	8	8	59	26	18	566
Unintentional injuries	9	1	5	22	7	4	257
...Motor vehicle crashes	1	0	4	10	3	1	35
...Falls	3	0	0	0	2	1	96
...Accidental poisoning	2	0	0	3	0	1	96
...Other unintentional injuries	3	1	1	9	2	1	30
Suicide	3	0	0	5	2	1	69
Homicide	0	0	0	2	1	0	11
All other external causes	1	0	0	3	0	0	12

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	St. Clair	St. Francois	St. Louis City	St. Louis County	Ste. Genevieve	Stoddard	Stone
All causes	152	916	3,303	11,283	228	464	464
COVID-19	8	65	127	634	10	24	25
Septicemia	0	14	49	185	0	9	6
HIV / AIDS	0	1	12	7	0	0	0
Malignant neoplasms	30	183	516	1,992	43	85	96
...Colon, rectum, and anus	4	16	53	211	2	5	7
...Pancreas	1	11	35	153	4	7	10
...Trachea, bronchus, and lung	9	68	138	424	7	33	28
...Breast	1	15	38	184	1	10	5
...Cervix uteri, corpus uteri, and ovary	1	4	21	96	1	0	2
...Prostate	0	6	38	93	3	3	7
...Urinary tract	2	11	25	101	4	3	6
...Non-Hodgkin's lymphoma	0	4	11	58	1	2	1
...Leukemia	3	5	7	75	2	1	5
...Other malignant neoplasms	9	43	150	597	18	21	25
Diabetes mellitus	4	23	107	257	4	5	5
Alzheimer's disease	5	33	83	595	3	23	8
Parkinson's disease	0	10	20	157	2	6	5
Diseases of heart	50	207	735	2,536	64	105	126
Essential hypertension	1	7	28	84	6	5	2
Cerebrovascular diseases	8	27	141	574	7	23	15
Influenza and pneumonia	1	12	22	151	5	11	7
Chronic lower respiratory disease	9	81	89	391	11	41	35
Pneumonitis due to solids and liquids	3	7	22	85	7	2	2
Chronic liver disease and cirrhosis	1	10	61	144	3	9	6
Nephritis and nephrosis	3	20	76	286	3	17	7
Conditions orig. in perinatal period	0	4	16	35	1	0	1
Congenital anomalies	0	2	9	23	1	1	0
Symptoms and ill-defined conditions	2	4	21	47	1	0	1
All other diseases	15	116	489	1,977	34	70	85
Unintentional injuries	9	71	450	773	18	24	26
...Motor vehicle crashes	7	22	57	144	3	7	12
...Falls	1	6	28	160	2	4	3
...Accidental poisoning	1	39	314	365	12	8	4
...Other unintentional injuries	0	4	51	104	1	5	7
Suicide	2	12	57	151	5	3	6
Homicide	0	4	164	176	0	0	0
All other external causes	1	3	9	23	0	1	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Sullivan	Taney	Texas	Vernon	Warren	Washington	Wayne
All causes	73	742	387	311	433	367	206
COVID-19	6	53	30	16	26	38	16
Septicemia	1	5	8	7	10	6	6
HIV / AIDS	0	0	0	0	0	0	0
Malignant neoplasms	13	151	57	42	79	72	41
...Colon, rectum, and anus	4	8	5	6	10	7	7
...Pancreas	0	11	3	4	4	6	2
...Trachea, bronchus, and lung	1	26	14	14	24	25	12
...Breast	1	10	2	0	9	3	4
...Cervix uteri, corpus uteri, and ovary	1	9	2	1	3	4	0
...Prostate	0	18	5	2	1	1	1
...Urinary tract	0	14	1	2	3	4	1
...Non-Hodgkin's lymphoma	0	4	3	0	4	0	0
...Leukemia	1	8	3	0	4	5	1
...Other malignant neoplasms	5	43	19	13	17	17	13
Diabetes mellitus	5	20	6	13	13	24	7
Alzheimer's disease	1	4	10	12	26	4	6
Parkinson's disease	0	2	2	1	3	2	3
Diseases of heart	21	225	85	82	100	64	27
Essential hypertension	0	2	2	1	1	2	1
Cerebrovascular diseases	3	24	26	12	13	17	9
Influenza and pneumonia	1	7	9	7	2	7	8
Chronic lower respiratory disease	5	41	21	20	29	26	18
Pneumonitis due to solids and liquids	1	8	3	0	0	4	0
Chronic liver disease and cirrhosis	0	21	10	4	4	3	3
Nephritis and nephrosis	0	17	4	9	10	7	10
Conditions orig. in perinatal period	0	2	1	0	1	0	1
Congenital anomalies	0	2	1	0	2	2	0
Symptoms and ill-defined conditions	0	2	1	1	3	2	1
All other diseases	12	110	70	62	70	52	34
Unintentional injuries	1	37	28	15	33	21	12
...Motor vehicle crashes	0	6	7	4	6	10	4
...Falls	0	6	5	2	6	0	2
...Accidental poisoning	1	19	9	6	14	9	1
...Other unintentional injuries	0	6	7	3	7	2	5
Suicide	3	8	9	4	6	7	3
Homicide	0	1	3	0	2	2	0
All other external causes	0	0	1	2	0	5	0

Table 26C. Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2022

	Webster	Worth	Wright	Unknown
All causes	459	50	303	2
COVID-19	38	0	19	0
Septicemia	7	1	4	0
HIV / AIDS	0	0	0	0
Malignant neoplasms	89	9	60	0
...Colon, rectum, and anus	5	0	8	0
...Pancreas	5	2	6	0
...Trachea, bronchus, and lung	27	1	12	0
...Breast	4	1	6	0
...Cervix uteri, corpus uteri, and ovary	2	0	2	0
...Prostate	3	0	3	0
...Urinary tract	6	0	1	0
...Non-Hodgkin's lymphoma	2	0	3	0
...Leukemia	3	0	2	0
...Other malignant neoplasms	32	5	17	0
Diabetes mellitus	10	4	6	0
Alzheimer's disease	5	2	5	0
Parkinson's disease	9	0	2	0
Diseases of heart	117	7	82	1
Essential hypertension	0	2	1	0
Cerebrovascular diseases	21	0	11	0
Influenza and pneumonia	3	1	8	0
Chronic lower respiratory disease	26	5	15	0
Pneumonitis due to solids and liquids	1	0	1	0
Chronic liver disease and cirrhosis	7	1	3	0
Nephritis and nephrosis	9	1	5	0
Conditions orig. in perinatal period	0	0	3	0
Congenital anomalies	1	0	1	0
Symptoms and ill-defined conditions	1	0	1	0
All other diseases	81	12	46	0
Unintentional injuries	24	5	20	1
...Motor vehicle crashes	5	3	5	0
...Falls	7	0	1	0
...Accidental poisoning	4	1	6	1
...Other unintentional injuries	8	1	8	0
Suicide	7	0	6	0
Homicide	1	0	3	0
All other external causes	2	0	1	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2022

	Ballwin	Blue Springs	Cape Girardeau	Chesterfield	Columbia	Florissant	Gladstone
All causes	269	534	492	604	882	670	323
COVID-19	16	22	25	34	27	49	23
Septicemia	4	6	6	6	20	14	3
HIV / AIDS	0	0	1	0	2	0	1
Malignant neoplasms	45	95	83	103	167	143	70
...Colon, rectum, and anus	5	16	6	11	18	14	7
...Pancreas	3	7	6	8	11	16	6
...Trachea, bronchus, and lung	11	21	23	18	34	37	16
...Breast	4	6	4	10	13	9	7
...Cervix uteri, corpus uteri, and ovary	2	6	5	4	14	4	3
...Prostate	0	5	7	5	13	6	2
...Urinary tract	3	3	1	9	10	8	5
...Non-Hodgkin's lymphoma	1	3	5	4	4	4	3
...Leukemia	1	3	4	7	4	4	3
...Other malignant neoplasms	15	25	22	27	46	41	18
Diabetes mellitus	6	17	7	7	21	20	7
Alzheimer's disease	16	10	42	47	39	26	4
Parkinson's disease	8	7	8	20	17	3	4
Diseases of heart	51	104	106	123	164	144	71
Essential hypertension	3	4	7	3	6	8	1
Cerebrovascular diseases	14	21	25	37	37	30	18
Influenza and pneumonia	3	4	8	11	18	5	1
Chronic lower respiratory disease	10	32	42	23	40	24	13
Pneumonitis due to solids and liquids	3	2	5	3	2	5	2
Chronic liver disease and cirrhosis	3	11	7	2	13	11	2
Nephritis and nephrosis	5	14	22	15	10	11	9
Conditions orig. in perinatal period	1	1	1	0	6	1	0
Congenital anomalies	0	4	0	1	8	1	1
Symptoms and ill-defined conditions	1	4	4	3	2	5	3
All other diseases	59	115	68	135	186	93	68
Unintentional injuries	11	41	15	18	66	48	16
...Motor vehicle crashes	2	5	5	2	12	10	2
...Falls	3	6	2	9	8	9	2
...Accidental poisoning	5	22	3	4	33	22	12
...Other unintentional injuries	1	8	5	3	13	7	0
Suicide	9	12	4	11	17	11	5
Homicide	0	8	6	1	13	17	0
All other external causes	1	0	0	1	1	1	1

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2022

	Grandview	Hazelwood	Independence	Jefferson City	Joplin	Joplin - Jasper County	Joplin - Newton County
All causes	269	228	1,664	499	624	539	85
COVID-19	20	17	108	25	30	23	7
Septicemia	2	2	21	12	11	10	1
HIV / AIDS	0	1	1	0	1	1	0
Malignant neoplasms	56	40	293	75	115	103	12
...Colon, rectum, and anus	8	5	29	6	10	9	1
...Pancreas	5	5	22	11	7	6	1
...Trachea, bronchus, and lung	15	9	83	23	28	25	3
...Breast	2	4	13	0	8	6	2
...Cervix uteri, corpus uteri, and ovary	4	2	10	5	7	7	0
...Prostate	2	0	7	3	11	9	2
...Urinary tract	4	2	16	1	8	7	1
...Non-Hodgkin's lymphoma	0	0	11	3	6	6	0
...Leukemia	1	3	11	1	2	2	0
...Other malignant neoplasms	15	10	91	22	28	26	2
Diabetes mellitus	7	5	44	13	24	22	2
Alzheimer's disease	4	6	15	7	32	25	7
Parkinson's disease	4	4	17	1	6	6	0
Diseases of heart	51	56	356	127	129	112	17
Essential hypertension	1	3	6	9	0	0	0
Cerebrovascular diseases	13	10	66	21	24	18	6
Influenza and pneumonia	2	3	26	11	11	8	3
Chronic lower respiratory disease	14	12	81	26	55	50	5
Pneumonitis due to solids and liquids	0	1	8	6	0	0	0
Chronic liver disease and cirrhosis	5	0	17	5	13	11	2
Nephritis and nephrosis	4	6	39	24	13	11	2
Conditions orig. in perinatal period	1	1	4	1	4	4	0
Congenital anomalies	3	0	2	2	1	1	0
Symptoms and ill-defined conditions	0	1	9	6	4	4	0
All other diseases	44	38	366	90	98	79	19
Unintentional injuries	25	12	115	24	35	34	1
...Motor vehicle crashes	5	1	24	7	6	6	0
...Falls	5	1	21	4	3	3	0
...Accidental poisoning	10	7	51	8	17	16	1
...Other unintentional injuries	5	3	19	5	9	9	0
Suicide	4	2	44	10	10	9	1
Homicide	6	6	22	4	7	7	0
All other external causes	3	2	4	0	1	1	0

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2022

	Kansas City	Kansas City - Cass County	Kansas City - Clay County	Kansas City - Jackson County	Kansas City - Platte County	Kirkwood	Lee's Summit
All causes	4,820	0	1,033	3,280	507	309	879
COVID-19	284	0	65	190	29	18	69
Septicemia	65	0	10	51	4	7	7
HIV / AIDS	11	0	1	10	0	0	0
Malignant neoplasms	845	0	219	543	83	55	155
...Colon, rectum, and anus	61	0	13	42	6	5	13
...Pancreas	72	0	18	45	9	8	17
...Trachea, bronchus, and lung	203	0	60	125	18	10	19
...Breast	70	0	20	45	5	5	16
...Cervix uteri, corpus uteri, and ovary	42	0	14	27	1	2	6
...Prostate	36	0	6	25	5	5	8
...Urinary tract	48	0	14	27	7	1	13
...Non-Hodgkin's lymphoma	22	0	7	14	1	2	5
...Leukemia	30	0	8	18	4	1	8
...Other malignant neoplasms	261	0	59	175	27	16	50
Diabetes mellitus	113	0	23	88	2	4	12
Alzheimer's disease	117	0	39	52	26	27	29
Parkinson's disease	50	0	18	22	10	6	16
Diseases of heart	980	0	190	689	101	66	163
Essential hypertension	25	0	4	18	3	2	5
Cerebrovascular diseases	207	0	45	138	24	16	47
Influenza and pneumonia	59	0	13	40	6	9	9
Chronic lower respiratory disease	174	0	42	106	26	10	34
Pneumonitis due to solids and liquids	31	0	10	19	2	6	5
Chronic liver disease and cirrhosis	80	0	12	60	8	3	4
Nephritis and nephrosis	109	0	22	75	12	8	24
Conditions orig. in perinatal period	24	0	3	19	2	0	1
Congenital anomalies	17	0	6	11	0	0	4
Symptoms and ill-defined conditions	33	0	6	26	1	1	4
All other diseases	920	0	202	587	131	52	203
Unintentional injuries	437	0	76	330	31	15	54
...Motor vehicle crashes	79	0	16	56	7	1	7
...Falls	79	0	21	53	5	8	27
...Accidental poisoning	215	0	29	172	14	5	12
...Other unintentional injuries	64	0	10	49	5	1	8
Suicide	81	0	20	58	3	2	24
Homicide	148	0	6	139	3	2	8
All other external causes	10	0	1	9	0	0	2

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2022

	Liberty	Maryland Heights	O'Fallon	Raytown	Springfield	St. Charles	St. Joseph
All causes	268	279	708	401	2,185	777	884
COVID-19	17	14	44	27	111	39	35
Septicemia	5	5	4	7	36	9	19
HIV / AIDS	0	0	0	0	3	0	0
Malignant neoplasms	38	47	136	60	338	145	157
...Colon, rectum, and anus	6	5	11	4	38	8	12
...Pancreas	3	5	9	1	22	7	11
...Trachea, bronchus, and lung	8	11	33	15	83	35	42
...Breast	3	6	15	5	16	11	12
...Cervix uteri, corpus uteri, and ovary	3	0	3	7	10	8	6
...Prostate	2	3	5	3	15	5	5
...Urinary tract	3	2	7	1	15	7	7
...Non-Hodgkin's lymphoma	0	1	4	3	18	2	6
...Leukemia	2	1	3	1	18	9	8
...Other malignant neoplasms	8	13	46	20	103	53	48
Diabetes mellitus	9	11	6	9	33	18	10
Alzheimer's disease	7	15	42	7	102	47	33
Parkinson's disease	2	4	16	3	25	14	10
Diseases of heart	58	69	156	80	551	161	227
Essential hypertension	2	1	9	3	5	6	2
Cerebrovascular diseases	17	13	37	20	81	34	35
Influenza and pneumonia	4	4	11	7	29	22	18
Chronic lower respiratory disease	14	4	31	29	107	36	66
Pneumonitis due to solids and liquids	0	1	6	3	12	9	8
Chronic liver disease and cirrhosis	4	6	5	9	55	11	11
Nephritis and nephrosis	6	3	18	8	48	17	17
Conditions orig. in perinatal period	1	1	0	3	8	2	3
Congenital anomalies	1	0	6	1	6	4	3
Symptoms and ill-defined conditions	2	3	0	1	7	4	4
All other diseases	59	51	114	89	378	122	139
Unintentional injuries	13	17	49	19	176	54	65
...Motor vehicle crashes	2	6	9	4	18	5	12
...Falls	6	5	21	6	36	19	11
...Accidental poisoning	5	5	16	6	103	21	35
...Other unintentional injuries	0	1	3	3	19	9	7
Suicide	8	5	12	6	56	17	14
Homicide	0	2	3	10	14	4	6
All other external causes	1	3	3	0	4	2	2

Table 26D. Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2022

	St. Louis City	St. Peters	University City	Wentzville	Wildwood
All causes	3,304	511	355	323	207
COVID-19	127	19	17	18	8
Septicemia	49	6	5	2	1
HIV / AIDS	12	0	0	0	0
Malignant neoplasms	517	98	61	61	55
...Colon, rectum, and anus	53	5	10	3	11
...Pancreas	35	8	4	4	3
...Trachea, bronchus, and lung	138	25	9	17	2
...Breast	38	7	4	1	2
...Cervix uteri, corpus uteri, and ovary	21	5	5	3	3
...Prostate	38	7	2	6	3
...Urinary tract	25	6	4	4	1
...Non-Hodgkin's lymphoma	11	5	2	3	4
...Leukemia	7	4	0	4	3
...Other malignant neoplasms	151	26	21	16	23
Diabetes mellitus	107	10	6	10	3
Alzheimer's disease	83	36	33	21	8
Parkinson's disease	20	7	9	5	4
Diseases of heart	735	109	87	58	45
Essential hypertension	28	5	6	4	1
Cerebrovascular diseases	141	29	21	14	5
Influenza and pneumonia	22	12	2	5	2
Chronic lower respiratory disease	89	24	9	21	2
Pneumonitis due to solids and liquids	22	3	3	4	1
Chronic liver disease and cirrhosis	61	10	2	3	6
Nephritis and nephrosis	76	15	14	4	3
Conditions orig. in perinatal period	16	1	0	0	1
Congenital anomalies	9	0	1	1	1
Symptoms and ill-defined conditions	21	1	1	2	0
All other diseases	489	76	52	50	50
Unintentional injuries	450	37	19	32	7
...Motor vehicle crashes	57	1	4	3	0
...Falls	28	17	5	14	6
...Accidental poisoning	314	13	7	11	1
...Other unintentional injuries	51	6	3	4	0
Suicide	57	11	1	7	3
Homicide	164	2	6	0	1
All other external causes	9	0	0	1	0

Table 27. Recorded Deaths by Type of Accident by Age by Sex: Missouri, 2022

Recorded 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	
	5,083	3,318	1,765	77	42	29	16	285	117	1,085	429	916	373	370	185	556	603
Work Total	95	6	0	0	0	0	0	6	0	31	5	34	1	9	0	9	0
Heavy transport vehicle	6	0	0	0	0	0	0	0	0	1	0	3	0	2	0	0	0
Other motor vehicle	35	30	5	0	0	0	0	3	0	12	4	9	1	3	0	3	0
Other transport	7	6	1	0	0	0	0	1	0	1	1	2	0	0	0	2	0
Falls	15	15	0	0	0	0	0	0	4	0	6	0	0	2	0	3	0
Farm machinery	2	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Other machinery	5	5	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
Struck by/against object	14	14	0	0	0	0	0	1	0	6	0	7	0	0	0	0	0
Electric current	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other/unspecified accident	11	11	0	0	0	0	0	1	0	5	0	4	0	0	0	1	0
Home Total	2,273	1,430	843	63	33	9	8	96	43	498	237	391	207	151	84	222	231
Falls	566	293	273	0	0	0	0	1	0	8	1	36	21	65	46	183	205
Machinery	6	6	0	0	0	0	0	0	0	1	0	1	0	1	0	3	0
Firearms	20	18	2	2	2	4	0	4	0	3	0	3	0	2	0	0	0
Struck by/against object	20	18	2	0	0	0	1	3	0	6	0	1	0	3	0	5	1
Drowning	29	17	12	4	5	1	0	0	2	3	3	3	2	4	1	3	1
Choke/suffocate	96	62	34	41	21	0	2	1	0	3	2	7	2	7	1	3	6
Excess natural heat/cold	21	13	8	0	0	0	0	0	0	2	1	5	3	2	1	4	3
Fire/flare/smoke	83	46	37	4	1	0	4	0	3	7	4	13	7	11	8	11	10
Poisoning (drug/alcohol)	1,356	902	454	7	1	4	1	85	40	454	223	301	168	49	20	2	1
Poisoning (gas/other)	20	15	5	2	0	0	0	0	0	6	1	4	2	1	1	2	1
Other/unspecified accident	56	40	16	3	3	0	0	2	0	6	2	17	2	6	6	6	3
Public Transport Total	1,109	790	319	6	3	13	6	138	54	230	86	240	76	82	42	81	52
Car or truck	761	512	249	5	3	13	4	98	45	138	61	139	57	49	31	70	48
Pedestrian	136	95	41	1	0	0	1	14	4	29	20	34	6	10	9	7	1
Pedal cyclist	11	9	2	0	0	0	1	0	0	5	0	2	1	2	0	0	0
Motorcyclist	147	133	14	0	0	0	0	21	3	47	2	52	6	11	1	2	2
Railroad (not motor vehicle)	5	4	1	0	0	0	0	2	1	2	0	0	0	0	0	0	0
Non-road vehicle (including ATV)	24	18	6	0	0	0	0	0	0	5	3	6	3	5	0	2	0
Water transport	10	9	1	0	0	0	0	0	1	3	0	2	0	4	0	0	0
Air transport	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Other/unspecified transport	13	8	5	0	0	0	0	1	0	1	0	5	3	1	1	0	1
Public Non-Transport Total	1,572	985	587	8	6	7	2	45	20	321	99	243	83	124	59	237	318
Falls	397	172	225	0	0	1	0	1	1	5	1	19	3	30	21	116	199
Machinery	8	7	1	0	0	0	0	0	0	0	0	1	0	5	0	1	0
Firearms	4	4	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0
Struck by/against object	11	10	1	0	0	0	0	1	0	1	0	4	1	2	0	2	0
Drowning	48	42	6	0	0	3	1	6	0	16	4	11	0	3	1	3	0
Choke/suffocate	131	80	51	5	2	2	1	1	1	2	1	8	4	19	13	43	29
Excess natural heat/cold	38	28	10	0	2	0	0	0	0	2	1	11	1	10	4	5	2
Fire/flare/smoke	11	8	3	0	0	0	0	0	0	3	1	1	0	4	2	0	0
Poisoning (drug/alcohol)	717	535	182	2	1	0	0	34	16	286	89	174	64	34	6	5	6
Poisoning (gas/other)	7	1	6	0	1	0	0	0	0	1	1	0	2	0	1	0	1
Other/unspecified accident	200	98	102	0	0	0	0	2	1	4	1	14	8	16	11	62	81
Late Effects of Accidents	34	24	10	0	0	0	0	0	0	5	2	8	6	4	0	7	2

Table 28. Resident Deaths by Selected Variables by Determination of Tobacco Use Contributing to Cause of Death: Missouri, 2022

	Total	Tobacco Use Contributed to Death			Percentage				
		Yes	Probably	No	Yes	Probably	No	Unknown	
<u>State Total</u>	71,776	6,588	3,718	33,720	27,750	9.2	5.2	47.0	38.7
<u>Gender</u>									
Male	37,457	3,784	2,230	16,713	14,730	10.1	6.0	44.6	39.3
Female	34,319	2,804	1,488	17,007	13,020	8.2	4.3	49.6	37.9
<u>Decedent's Race</u>									
White Non-Hispanic	61,734	5,918	3,272	28,507	24,037	9.6	5.3	46.2	38.9
Black Non-Hispanic	8,106	568	374	4,151	3,013	7.0	4.6	51.2	37.2
Other Non-Hispanic*	1,024	65	37	571	351	6.3	3.6	55.8	34.3
Hispanic, Any Race	843	30	31	462	320	3.6	3.7	54.8	38.0
<u>Decedent's Age</u>									
Under 35	3,221	17	14	2,686	504	0.5	0.4	83.4	15.6
35-44	2,434	61	50	1,630	693	2.5	2.1	67.0	28.5
45-54	3,890	306	169	1,947	1,468	7.9	4.3	50.1	37.7
55-64	9,872	1,341	718	3,769	4,044	13.6	7.3	38.2	41.0
65-74	15,038	2,183	1,091	5,607	6,157	14.5	7.3	37.3	40.9
75-84	18,151	1,854	1,073	7,708	7,516	10.2	5.9	42.5	41.4
85+	19,168	826	603	10,373	7,366	4.3	3.1	54.1	38.4
<u>Underlying Cause of Death</u>									
Heart disease	16,118	1,539	865	6,681	7,033	9.5	5.4	41.5	43.6
Cancer	13,065	1,951	1,051	4,942	5,121	14.9	8.0	37.8	39.2
...Lung cancer	3,374	1,307	524	320	1,223	38.7	15.5	9.5	36.2
...Other cancer	9,691	644	527	4,622	3,898	6.6	5.4	47.7	40.2
Chronic lower respiratory disease	3,809	1,438	515	425	1,431	37.8	13.5	11.2	37.6
Stroke	3,148	160	134	1,406	1,448	5.1	4.3	44.7	46.0
Unintentional injuries	4,922	68	45	3,626	1,183	1.4	0.9	73.7	24.0
Alzheimer's disease	2,619	33	34	1,629	923	1.3	1.3	62.2	35.2
Diabetes mellitus	1,877	172	142	759	804	9.2	7.6	40.4	42.8
Influenza and pneumonia	1,097	61	50	507	479	5.6	4.6	46.2	43.7
Nephritis and nephrosis	1,683	70	42	760	811	4.2	2.5	45.2	48.2
Other	23,438	1,096	840	12,985	8,517	4.7	3.6	55.4	36.3

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

Table 29. Resident Deaths by Selected Characteristics by Sex: Missouri, 2022

	Total	Female	Male
<u>State Total</u>	71,776	34,319	37,457
<u>Certifier</u>			
Certifying Physician	54,682	28,265	26,417
Medical Examiner/Coroner	16,837	5,967	10,870
Other	257	87	170
<u>Death Place</u>			
Inpatient	20,761	9,587	11,174
Emergency Room/Outpatient	4,085	1,581	2,504
Dead on Arrival	40	8	32
Decedent's Home	25,389	11,310	14,079
Hospice Facility	2,450	1,295	1,155
Nursing Home	15,176	9,208	5,968
Other	3,874	1,329	2,545
Unknown	1	1	0
<u>Month of Death</u>			
January	8,251	3,918	4,333
February	6,370	3,015	3,355
March	5,828	2,797	3,031
April	5,378	2,558	2,820
May	5,591	2,636	2,955
June	5,442	2,610	2,832
July	5,651	2,730	2,921
August	5,553	2,647	2,906
September	5,417	2,576	2,841
October	5,674	2,743	2,931
November	5,842	2,771	3,071
December	6,779	3,318	3,461

	Total	Female	Male
<u>Disposition</u>			
Burial	28,477	14,966	13,511
Cremation	40,685	18,005	22,680
Donation	1,102	568	534
Entombment	339	191	148
Removal from State	1,132	571	561
Other	41	18	23
<u>Marital Status</u>			
Married	25,714	8,671	17,043
Divorced	13,368	6,156	7,212
Widowed	22,240	15,771	6,469
Never Married	9,849	3,554	6,295
Unknown	605	167	438
<u>Education of Deceased</u>			
8th Grade or Less	5,249	2,545	2,704
9th to 11th Grade	7,468	3,449	4,019
High School Graduates	33,154	16,539	16,615
Some College	14,009	6,779	7,230
Bachelor's Degree	6,698	2,940	3,758
Post-Graduate Degree	4,048	1,629	2,419
Unknown	1,150	438	712
<u>Autopsy</u>			
Yes	4,548	1,412	3,136
Yes, but not used	237	90	147

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2022

Total Population

Age Interval	Proportion Dying		Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime		
	nQ_x	Proportion of persons alive at beginning of age interval dying during interval	L_x	Number living at beginning of age interval	nD_x	Number dying during age interval		In the age interval	In this and all subsequent age intervals
X TO X + N							nL_x	T_x	E_x
0 to 1	0.0065		100,000	100,000	653	653	99,413	7,542,882	75.4
1 to 5	0.0014		99,347	99,347	141	141	397,108	7,443,469	74.9
5 to 10	0.0007		99,207	99,207	74	74	495,848	7,046,361	71.0
10 to 15	0.0010		99,133	99,133	97	97	495,419	6,550,513	66.1
15 to 19	0.0044		99,035	99,035	438	438	494,081	6,055,094	61.1
20 to 25	0.0066		98,597	98,597	654	654	491,350	5,561,013	56.4
25 to 30	0.0087		97,943	97,943	849	849	487,592	5,069,663	51.8
30 to 35	0.0111		97,094	97,094	1,081	1,081	482,768	4,582,071	47.2
35 to 40	0.0133		96,013	96,013	1,274	1,274	476,880	4,099,303	42.7
40 to 45	0.0174		94,739	94,739	1,646	1,646	469,579	3,622,424	38.2
45 to 50	0.0218		93,093	93,093	2,034	2,034	460,378	3,152,845	33.9
50 to 55	0.0314		91,059	91,059	2,857	2,857	448,151	2,692,466	29.6
55 to 60	0.0496		88,202	88,202	4,378	4,378	430,066	2,244,315	25.4
60 to 65	0.0691		83,824	83,824	5,793	5,793	404,640	1,814,249	21.6
65 to 70	0.0931		78,032	78,032	7,265	7,265	371,995	1,409,609	18.1
70 to 75	0.1288		70,767	70,767	9,116	9,116	331,042	1,037,614	14.7
75 to 80	0.1960		61,650	61,650	12,083	12,083	278,043	706,572	11.5
80 to 85	0.3009		49,567	49,567	14,912	14,912	210,554	428,529	8.6
85+	1.0000		34,654	34,654	34,654	34,654	217,976	217,976	6.3

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2022

Male Population

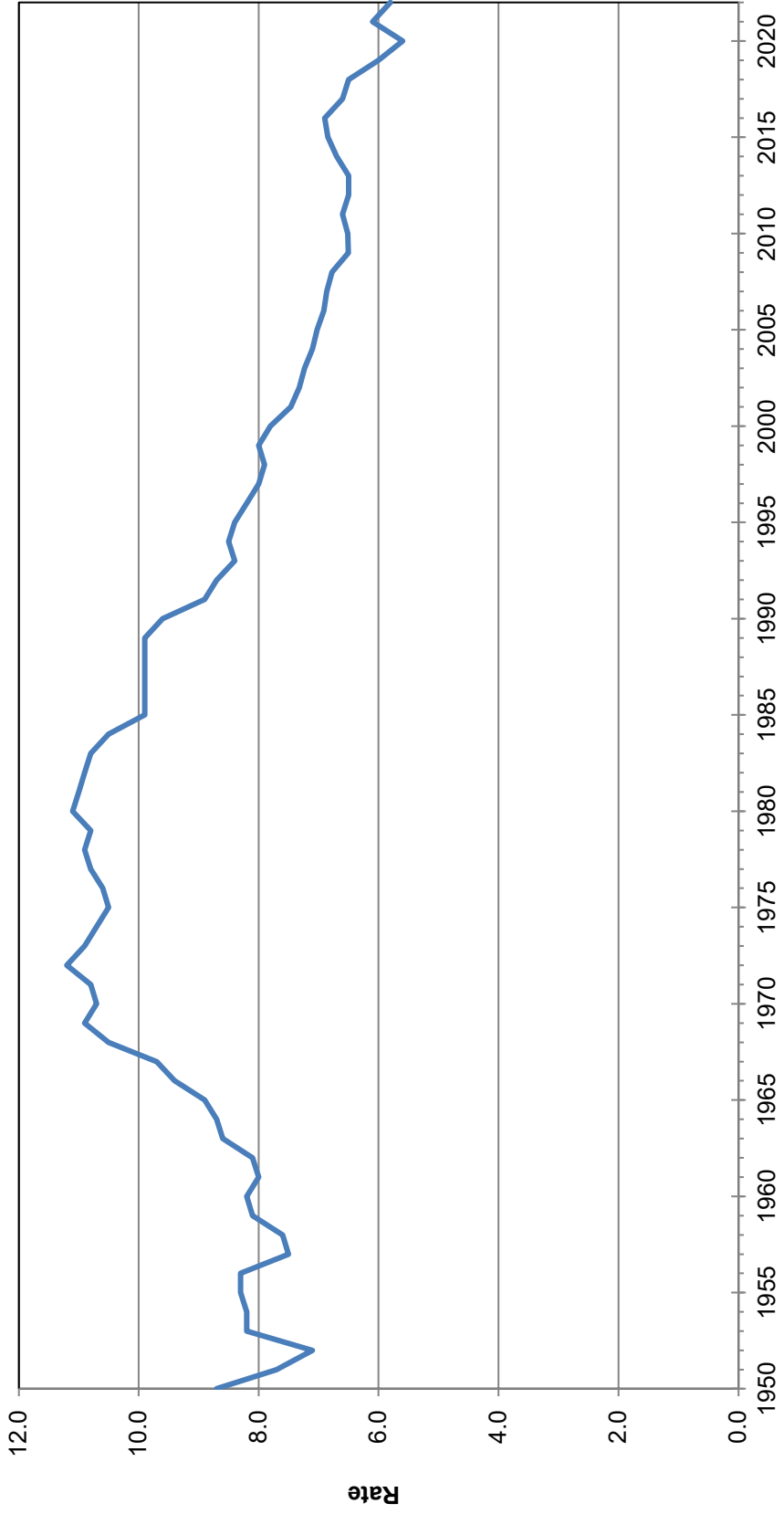
Age Interval	Proportion Dying Of persons alive at beginning of age interval dying during interval	Of 100,000 Born Alive		Stationary Population		Average Remaining Lifetime
		Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	
X TO X + N	nQ_x	L_x	nD_x	nL_x	T_x	E_x
0 to 1	0.0070	100,000	699	99,370	7,262,477	72.6
1 to 5	0.0016	99,301	163	396,877	7,163,106	72.1
5 to 10	0.0008	99,138	80	495,490	6,766,229	68.3
10 to 15	0.0012	99,058	116	495,002	6,270,739	63.3
15 to 19	0.0065	98,943	643	493,106	5,775,737	58.4
20 to 25	0.0094	98,300	926	489,183	5,282,631	53.7
25 to 30	0.0119	97,373	1,162	483,961	4,793,448	49.2
30 to 35	0.0149	96,211	1,433	477,473	4,309,487	44.8
35 to 40	0.0178	94,778	1,682	469,686	3,832,014	40.4
40 to 45	0.0212	93,096	1,972	460,551	3,362,328	36.1
45 to 50	0.0269	91,124	2,449	449,499	2,901,777	31.8
50 to 55	0.0381	88,675	3,382	434,921	2,452,277	27.7
55 to 60	0.0609	85,293	5,197	413,474	2,017,356	23.7
60 to 65	0.0849	80,096	6,801	383,479	1,603,883	20.0
65 to 70	0.1130	73,295	8,282	345,772	1,220,403	16.7
70 to 75	0.1517	65,014	9,862	300,412	874,631	13.5
75 to 80	0.2282	55,151	12,584	244,297	574,219	10.4
80 to 85	0.3486	42,568	14,839	175,739	329,923	7.8
85+	1.0000	27,728	27,728	154,183	154,183	5.6

Table 30. Abridged Life Table for Total Population and by Sex: Missouri, 2022

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	0.0060	100,000	604	99,457	7,835,465	78.4
1 to 5	0.0012	99,396	118	397,349	7,736,008	77.8
5 to 10	0.0007	99,278	68	496,222	7,338,659	73.9
10 to 15	0.0008	99,211	78	495,857	6,842,437	69.0
15 to 19	0.0022	99,132	219	495,113	6,346,580	64.0
20 to 25	0.0037	98,913	370	493,639	5,851,466	59.2
25 to 30	0.0053	98,543	518	491,418	5,357,827	54.4
30 to 35	0.0073	98,025	720	488,323	4,866,409	49.6
35 to 40	0.0087	97,305	846	484,407	4,378,086	45.0
40 to 45	0.0135	96,458	1,303	479,033	3,893,679	40.4
45 to 50	0.0168	95,155	1,597	471,783	3,414,647	35.9
50 to 55	0.0245	93,558	2,294	462,055	2,942,864	31.5
55 to 60	0.0385	91,264	3,509	447,546	2,480,808	27.2
60 to 65	0.0538	87,755	4,720	426,973	2,033,262	23.2
65 to 70	0.0746	83,034	6,192	399,692	1,606,290	19.3
70 to 75	0.1086	76,842	8,347	363,344	1,206,598	15.7
75 to 80	0.1689	68,496	11,566	313,563	843,254	12.3
80 to 85	0.2645	56,929	15,060	246,997	529,691	9.3
85+	1.0000	41,869	41,869	282,694	282,694	6.8

Graph F. Marriage Rates per 1,000 Population: Missouri, 1950-2022



Year	Marriages	Rate	Year	Marriages	Rate	Year	Marriages	Rate
1950	34,300	8.7	1985	49,484	9.9	2016	41,747	6.9
1955	34,162	8.3	1990	49,063	9.6	2017	40,316	6.6
1960	35,368	8.2	1995	45,057	8.4	2018	39,692	6.5
1965	39,882	8.9	2000	43,665	7.8	2019	36,636	6.0
1970	50,224	10.7	2005	40,675	7.0	2020	34,425	5.6
1975	50,147	10.5	2010	38,998	6.5	2021	37,524	6.1
1980	54,625	11.1	2015	41,377	6.8	2022	36,103	5.8

Table 31. Reported Marriages by Month of Event: Missouri, 2022

	Total	Gender			Not Stated
		Male-Female	Female-Female	Male-Male	
Total	36,103	34,766	854	393	90
January	1,367	1,321	27	14	5
February	1,714	1,620	64	29	1
March	1,974	1,896	48	26	4
April	2,943	2,851	62	24	6
May	3,572	3,462	73	27	10
June	3,731	3,586	90	44	11
July	3,060	2,913	96	43	8
August	2,727	2,598	82	39	8
September	4,337	4,195	89	40	13
October	5,853	5,654	132	55	12
November	2,504	2,426	49	23	6
December	2,321	2,244	42	29	6

Table 32. Reported Male-Female Marriages by Age: Missouri, 2022

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	34,766	0	0	11	30	381	633	923	1,321	1,525	1,818	1,971	2,039	2,102	1,834	1,763
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	10	0	2	0	4	4	4	0	0	0	0	0	0	0	0	0
18	161	0	5	8	71	71	43	22	4	4	1	0	2	1	0	0
19	364	0	4	7	106	106	116	58	40	15	5	3	1	1	1	1
20	648	0	0	0	14	75	141	189	110	58	27	14	5	4	2	1
21	981	0	0	0	1	47	133	219	274	156	65	31	23	8	6	3
22	1,207	0	0	0	0	25	73	128	281	312	192	85	39	16	15	15
23	1,442	0	0	0	0	18	48	87	220	292	394	187	81	39	28	11
24	1,630	0	0	0	0	10	21	67	131	231	353	378	213	92	36	31
25	1,762	0	0	0	0	10	17	42	86	142	241	376	401	203	93	54
26	1,766	0	0	0	0	5	7	20	50	98	156	252	375	411	172	86
27	1,901	0	0	0	0	3	4	26	31	61	116	175	247	404	354	197
28	1,810	0	0	0	0	2	7	13	28	35	82	123	200	276	300	303
29	1,612	0	0	0	0	1	3	11	25	32	48	76	122	170	194	269
30	1,546	0	0	0	0	0	5	8	6	21	31	61	85	111	195	185
31	1,322	0	0	0	0	0	3	4	11	17	26	48	64	85	109	136
32	1,286	0	0	0	0	1	0	4	5	12	10	30	42	68	87	122
33	1,110	0	0	0	0	1	1	3	4	8	18	24	27	54	60	71
34	1,016	0	0	0	0	0	1	2	3	3	9	19	22	39	27	59
35-39	3,694	0	0	0	0	0	4	11	8	15	26	57	58	83	107	145
40-44	2,576	0	0	0	0	1	1	6	1	8	6	20	16	27	32	43
45-49	1,952	0	0	0	0	1	0	1	1	4	8	7	9	7	11	17
50-54	1,591	0	0	0	0	0	1	0	0	0	3	3	3	2	4	8
55-59	1,250	0	0	0	0	0	0	2	0	1	0	2	4	1	1	5
60-64	908	0	0	0	0	0	0	0	2	0	1	0	0	0	0	1
65-69	563	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70-74	335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 +	322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Stated	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 32. Reported Male-Female Marriages by Age: Missouri, 2022

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	1,540	1,434	1,245	1,123	1,042	889	3,233	2,348	1,729	1,341	955	705	417	232	179	3
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	1	2	1	0	0	1	0	1	0	0	0	0	0	0	0	0
20	1	2	2	0	0	0	2	1	0	0	0	0	0	0	0	0
21	2	3	3	1	1	0	5	0	0	0	0	0	0	0	0	0
22	5	3	7	1	3	2	4	1	0	0	0	0	0	0	0	0
23	13	3	9	4	1	1	3	1	1	1	0	0	0	0	0	0
24	22	12	6	3	3	4	10	5	1	0	1	0	0	0	0	0
25	33	8	11	13	7	2	14	5	2	1	1	0	0	0	0	0
26	43	23	18	12	8	2	19	4	3	0	2	0	0	0	0	0
27	95	51	41	22	19	11	28	11	4	0	0	1	0	0	0	0
28	162	82	73	33	26	20	32	7	5	1	0	0	0	0	0	0
29	238	165	92	43	37	19	41	21	3	2	0	0	0	0	0	0
30	227	223	116	76	50	36	83	15	8	4	0	0	0	0	0	0
31	151	183	154	106	48	45	96	29	5	1	0	1	0	0	0	0
32	128	134	176	165	88	49	124	33	6	2	0	0	0	0	0	0
33	98	117	111	133	124	63	142	41	6	4	0	0	0	0	0	0
34	68	88	91	104	114	112	191	49	13	2	0	0	0	0	0	0
35-39	168	228	231	255	326	337	1,127	389	84	22	10	2	1	0	0	0
40-44	46	65	66	105	122	113	764	754	275	76	19	6	2	0	1	1
45-49	22	26	23	27	38	49	328	559	556	195	50	11	2	0	0	0
50-54	6	11	9	10	15	15	134	256	446	458	151	39	9	6	1	1
55-59	7	4	4	4	8	5	56	118	192	340	330	121	33	7	5	0
60-64	2	0	0	3	3	3	17	31	82	151	236	285	67	16	7	1
65-69	0	1	0	2	0	0	11	12	25	52	105	156	150	38	11	0
70-74	1	0	1	1	0	0	2	4	9	19	33	63	96	83	23	0
75 +	1	0	0	0	0	0	0	1	3	10	17	20	57	82	131	0
Not Stated	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

Table 33A. Reported Marriages by Age and Previous Marital Status: Missouri, 2022

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	34,766	23,994	1,081	9,665	34,766	23,976	1,020	9,752	1,247	946	11	289	1,247	957	17	273
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	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	30	30	0	0	10	10	0	0	0	0	0	0	0	0	0	0
18	381	381	0	0	161	161	0	0	5	5	0	0	5	5	0	0
19	633	631	0	1	364	364	0	0	12	12	0	0	19	19	0	0
20	923	913	0	8	648	646	0	2	28	27	0	1	24	24	0	0
21	1,321	1,306	0	12	981	974	0	7	27	26	0	1	28	28	0	0
22	1,525	1,492	0	33	1,207	1,196	0	11	38	37	0	1	33	32	0	1
23	1,818	1,772	1	45	1,442	1,422	0	19	39	39	0	0	43	40	1	2
24	1,971	1,880	2	88	1,630	1,588	0	41	55	51	0	4	53	51	0	2
25	2,039	1,928	3	107	1,762	1,705	1	56	57	52	0	5	55	52	0	3
26	2,102	1,954	3	145	1,766	1,699	2	64	59	56	0	3	66	61	0	5
27	1,834	1,649	5	180	1,901	1,787	1	113	62	56	0	6	61	50	1	10
28	1,763	1,556	2	205	1,810	1,659	1	150	53	44	0	9	64	58	1	5
29	1,540	1,324	4	212	1,612	1,448	4	160	72	64	0	8	66	53	1	12
30	1,434	1,169	4	260	1,546	1,357	1	187	53	46	0	7	54	45	0	9
31	1,245	935	4	306	1,322	1,099	5	218	62	48	0	14	69	55	0	14
32	1,123	813	8	301	1,286	1,032	5	249	60	52	0	8	52	42	0	10
33	1,042	699	10	333	1,110	847	2	261	52	41	0	11	60	46	0	14
34	889	542	15	332	1,016	726	5	283	26	16	0	10	40	30	1	9
35-39	3,233	1,567	65	1,597	3,694	2,217	31	1,445	154	99	1	54	151	101	1	49
40-44	2,348	737	96	1,512	2,576	1,012	44	1,515	105	60	1	44	98	53	0	45
45-49	1,729	320	107	1,300	1,952	488	49	1,413	62	29	0	33	62	25	4	33
50-54	1,341	181	119	1,039	1,591	259	90	1,241	73	38	5	30	42	25	2	15
55-59	955	117	92	744	1,250	139	132	977	34	22	1	11	51	33	3	15
60-64	705	51	164	489	908	87	157	664	33	15	1	17	30	21	1	8
65-69	417	20	147	249	563	35	149	378	18	9	0	8	12	5	1	6
70-74	232	9	111	112	335	15	128	192	6	2	1	3	5	2	0	3
75 +	179	6	119	54	322	4	213	105	2	0	1	1	4	1	0	3
Not Stated	3	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0
Median Age at Marriage	29.7	26.9	60.0	42.2	31.4	28.3	64.5	45.3	32.0	30.2	51.0	40.2	31.8	30.1	47.5	38.9

Table 33B. Reported Same-Sex Marriages by Age and Previous Marital Status: Missouri, 2022

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	854	632	8	214	854	619	13	222	393	314	3	75	393	338	4	51
18	5	5	0	0	5	5	0	0	0	0	0	0	0	0	0	0
19	11	11	0	0	14	14	0	0	1	1	0	0	5	5	0	0
20	21	20	0	1	18	18	0	0	7	7	0	0	6	6	0	0
21	23	22	0	1	16	16	0	0	4	4	0	0	12	12	0	0
22	30	30	0	0	20	19	0	1	8	7	0	1	13	13	0	0
23	30	30	0	0	35	32	1	2	9	9	0	0	8	8	0	0
24	40	37	0	3	45	43	0	2	15	14	0	1	8	8	0	0
25	47	42	0	5	43	41	0	2	10	10	0	0	12	11	0	1
26	47	44	0	3	49	44	0	5	12	12	0	0	17	17	0	0
27	43	37	0	6	45	36	1	8	19	19	0	0	16	14	0	2
28	38	31	0	7	37	32	1	4	15	13	0	2	27	26	0	1
29	59	53	0	6	52	41	1	10	13	11	0	2	14	12	0	2
30	39	32	0	7	40	31	0	9	14	14	0	0	14	14	0	0
31	46	34	0	12	54	40	0	14	16	14	0	2	15	15	0	0
32	39	31	0	8	37	28	0	9	21	21	0	0	15	14	0	1
33	37	30	0	7	42	29	0	13	15	11	0	4	18	17	0	1
34	13	5	0	8	27	19	1	7	13	11	0	2	13	11	0	2
35-39	87	48	1	38	93	52	1	40	67	51	0	16	58	49	0	9
40-44	73	34	1	38	66	28	0	38	32	26	0	6	32	25	0	7
45-49	43	15	0	28	41	15	1	25	19	14	0	5	21	10	3	8
50-54	39	20	5	14	27	13	2	12	34	18	0	16	15	12	0	3
55-59	14	7	0	7	23	13	3	7	20	15	1	4	28	20	0	8
60-64	16	6	1	9	14	10	0	4	17	9	0	8	16	11	1	4
65-69	11	7	0	4	6	0	1	5	7	2	0	4	6	5	0	1
70-74	3	1	0	2	2	0	0	2	3	1	1	1	3	2	0	1
75 +	0	0	0	0	3	0	0	3	2	0	1	1	1	1	0	0
Median Age at Marriage	30.8	29.2	50.7	39.5	31.2	29.3	46.8	38.1	35.3	33.1	74.1	45.9	33.7	32.3	48.7	44.9

Table 34A. Reported Male-Female Marriages by Race: Missouri, 2022

<u>Race of Female Partner</u>	Total	<u>Race of Male Partner</u>		
		White	Black	Other
Total	34,766	28,663	2,873	1,205
White	28,956	27,118	737	621
Black	2,358	300	1,970	56
Other	1,378	754	86	516
Unknown	2,074	491	80	12
				1,491

Table 34B. Reported Female-Female Marriages by Race: Missouri, 2022

<u>Race of Second Partner</u>	Total	<u>Race of First Partner</u>		
		White	Black	Other
Total	854	613	134	33
White	617	566	22	17
Black	126	15	102	5
Other	34	17	6	11
Unknown	77	15	4	0
				58

Table 34C. Reported Male-Male Marriages by Race: Missouri, 2022

<u>Race of Second Partner</u>	Total	<u>Race of First Partner</u>		
		White	Black	Other
Total	393	311	29	22
White	287	262	9	13
Black	31	11	17	2
Other	23	15	1	7
Unknown	52	23	2	0
				27

Table 35A. Reported Marriages by County of Recording with Rates per 1,000 Population: Missouri, 2022

Counties	Population	Marriages	Rate	Counties	Population	Marriages	Rate	Counties	Population	Marriages	Rate
<u>State Total</u>	6,177,957	36,103	5.8	Greene	303,293	2,093	6.9	Pemiscot	14,841	77	5.2
Adair	25,165	150	6.0	Grundy	9,838	56	5.7	Perry	18,858	125	6.6
Andrew	18,003	87	4.8	Harrison	8,199	49	6.0	Pettis	43,353	344	7.9
Atchison	5,182	35	6.8	Henry	22,438	145	6.5	Phelps	45,313	250	5.5
Audrain	24,434	119	4.9	Hickory	8,630	38	4.4	Pike	17,664	108	6.1
Barry	34,926	162	4.6	Holt	4,262	28	6.6	Platte	110,534	597	5.4
Barton	11,694	70	6.0	Howard	10,168	40	3.9	Polk	32,693	206	6.3
Bates	16,177	98	6.1	Howell	40,631	283	7.0	Pulaski	53,941	370	6.9
Benton	20,224	100	4.9	Iron	9,414	76	8.1	Putnam	4,666	37	7.9
Bollinger	10,518	37	3.5	Jackson	716,531	5,462	7.6	Ralls	10,420	61	5.9
Boone	187,690	1,007	5.4	Jasper	124,075	919	7.4	Randolph	24,622	148	6.0
Buchanan	82,911	497	6.0	Jefferson	229,336	1,144	5.0	Ray	23,107	128	5.5
Butler	42,179	243	5.8	Johnson	54,368	391	7.2	Reynolds	6,006	32	5.3
Caldwell	8,933	48	5.4	Knox	3,776	23	6.1	Ripley	10,703	83	7.8
Callaway	44,762	185	4.1	Laclede	36,313	256	7.0	Saline	23,007	128	5.6
Camden	43,768	305	7.0	Lafayette	32,961	187	5.7	Schuyler	4,002	30	7.5
Cape Girardeau	82,899	533	6.4	Lawrence	38,683	258	6.7	Scotland	4,643	28	6.0
Carroll	8,423	51	6.1	Lewis	9,891	46	4.7	Scott	37,840	207	5.5
Carter	5,268	41	7.8	Lincoln	63,155	340	5.4	Shannon	7,193	47	6.5
Cass	110,394	590	5.3	Linn	11,820	66	5.6	Shelby	5,982	29	4.8
Cedar	14,601	76	5.2	Livingston	14,402	111	7.7	St. Charles	413,803	2,467	6.0
Chariton	7,386	47	6.4	Macon	15,049	106	7.0	St. Clair	9,576	50	5.2
Christian	93,114	506	5.4	Madison	12,753	86	6.7	St. Francois	66,969	441	6.6
Clark	6,723	42	6.2	Maries	8,431	63	7.5	St. Louis City	286,578	2,141	7.5
Clay	257,033	1,333	5.2	Marion	28,438	211	7.4	St. Louis County	990,414	3,312	3.3
Clinton	21,328	75	3.5	McDonald	23,588	177	7.5	Ste. Genevieve	18,644	100	5.4
Cole	76,969	539	7.0	Mercer	3,437	21	6.1	Stoddard	28,377	207	7.3
Cooper	16,772	106	6.3	Miller	25,403	137	5.4	Stone	32,136	178	5.5
Crawford	22,659	148	6.5	Mississippi	11,688	76	6.5	Sullivan	5,840	25	4.3
Dade	7,660	12	1.6	Moniteau	15,220	79	5.2	Taney	56,821	633	11.1
Dallas	17,626	75	4.3	Monroe	8,652	46	5.3	Texas	25,336	140	5.5
Davies	8,435	56	6.6	Montgomery	11,470	58	5.1	Vernon	19,651	118	6.0
DeKalb	11,336	47	4.1	Morgan	21,785	141	6.5	Warren	37,260	203	5.4
Dent	14,467	111	7.7	New Madrid	15,695	60	3.8	Washington	23,441	165	7.0
Douglas	11,975	87	7.3	Newton	60,011	274	4.6	Wayne	10,792	78	7.2
Dunklin	27,406	147	5.4	Nodaway	20,670	141	6.8	Webster	40,335	218	5.4
Franklin	105,879	729	6.9	Oregon	8,732	57	6.5	Worth	1,955	7	3.6
Gasconade	14,768	93	6.3	Osage	13,399	73	5.4	Wright	19,156	108	5.6
Gentry	6,253	25	4.0	Ozark	8,940	48	5.4				

Table 35B. Reported Marriages by Gender and County of Recording: Missouri, 2022

Counties	Male-Female	Female-Female	Male-Male	Not Stated
State Total	34,766	854	393	90
Adair	145	2	2	1
Andrew	84	3	0	0
Atchison	34	1	0	0
Audrain	118	1	0	0
Barry	160	1	1	0
Barton	69	1	0	0
Bates	97	0	1	0
Benton	99	1	0	0
Bollinger	37	0	0	0
Boone	946	43	18	0
Buchanan	481	12	4	0
Butler	234	9	0	0
Caldwell	48	0	0	0
Callaway	178	2	5	0
Camden	305	0	0	0
Cape Girardeau	516	14	3	0
Carroll	50	1	0	0
Carter	40	0	1	0
Cass	577	8	5	0
Cedar	76	0	0	0
Chariton	47	0	0	0
Christian	497	8	1	0
Clark	42	0	0	0
Clay	1,285	29	19	0
Clinton	73	2	0	0
Cole	521	17	1	0
Cooper	102	2	1	1
Crawford	146	1	1	0
Dade	0	0	0	12
Dallas	73	2	0	0
Davies	56	0	0	0
DeKalb	47	0	0	0
Dent	111	0	0	0
Douglas	87	0	0	0
Dunklin	145	2	0	0
Franklin	720	6	3	0
Gasconade	93	0	0	0
Gentry	24	0	1	0

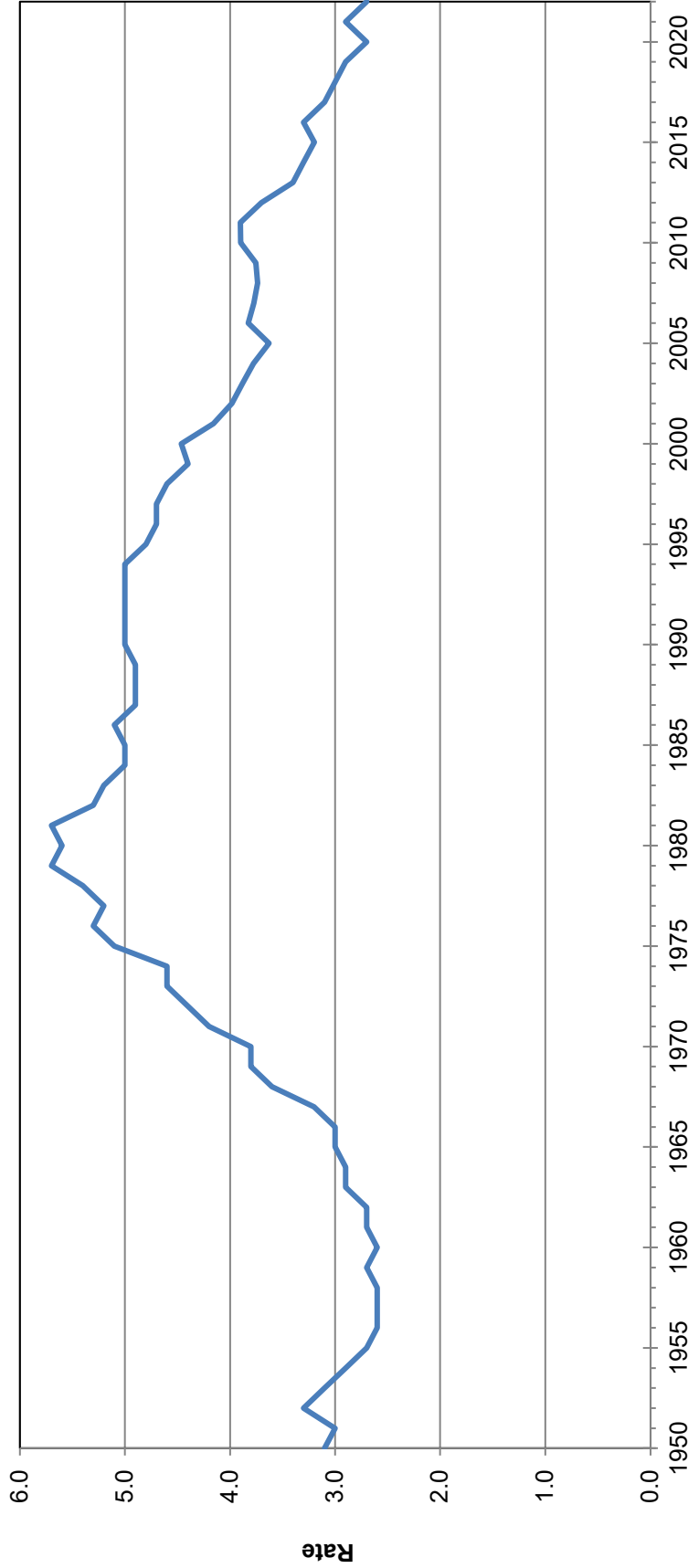
Counties	Male-Female	Female-Female	Male-Male	Not Stated
Greene	2,005	49	39	0
Grundy	55	0	1	0
Harrison	40	0	1	8
Henry	143	2	0	0
Hickory	38	0	0	0
Holt	26	1	1	0
Howard	40	0	0	0
Howell	280	2	1	0
Iron	73	0	2	1
Jackson	5,162	202	98	0
Jasper	887	25	7	0
Jefferson	1,128	14	1	1
Johnson	377	12	2	0
Knox	22	0	1	0
Laclede	253	3	0	0
Lafayette	183	4	0	0
Lawrence	256	1	1	0
Lewis	46	0	0	0
Lincoln	333	7	0	0
Linn	65	0	1	0
Livingston	108	3	0	0
Macon	106	0	0	0
Madison	86	0	0	0
Maries	63	0	0	0
Marion	207	4	0	0
McDonald	174	0	1	2
Mercer	21	0	0	0
Miller	135	2	0	0
Mississippi	68	4	4	0
Moniteau	79	0	0	0
Monroe	46	0	0	0
Montgomery	58	0	0	0
Morgan	138	3	0	0
New Madrid	59	0	1	0
Newton	267	6	1	0
Nodaway	140	1	0	0
Oregon	55	2	0	0
Osage	72	0	1	0
Ozark	11	0	1	36

Counties	Male-Female	Female-Female	Male-Male	Not Stated
Pemiscot	74	3	0	0
Perry	122	1	2	0
Pettis	338	6	0	0
PHELPS	242	5	2	1
Pike	108	0	0	0
Platte	572	18	7	0
Polk	202	4	0	0
Pulaski	355	11	4	0
Putnam	36	1	0	0
Ralls	59	1	1	0
Randolph	147	1	0	0
Ray	125	1	2	0
Reynolds	32	0	0	0
Ripley	78	2	2	1
Saline	125	2	1	0
Schuyler	30	0	0	0
Scotland	28	0	0	0
Scott	204	2	1	0
Shannon	44	3	0	0
Shelby	29	0	0	0
St. Charles	2,388	54	19	6
St. Clair	50	0	0	0
St. Francois	425	12	4	0
St. Louis City	2,012	69	53	7
St. Louis County	3,138	103	58	13
Ste. Genevieve	97	2	1	0
Stoddard	203	4	0	0
Stone	174	4	0	0
Sullivan	25	0	0	0
Taney	621	11	1	0
Texas	136	4	0	0
Vernon	115	2	1	0
Warren	199	4	0	0
Washington	158	6	1	0
Wayne	78	0	0	0
Webster	217	0	1	0
Worth	6	1	0	0
Wright	106	2	0	0

Table 35C. Reported Marriages by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2022

BRFSS Region	Population	Total	Rate	Male-Female	Rate	Same-Sex	Rate
<u>State Total</u>	6,177,957	36,103	5.8	34,766	5.6	1,247	0.2
Northeast	245,423	1,519	6.2	1,497	6.1	21	0.1
Northwest	229,997	1,414	6.1	1,365	5.9	41	0.2
Central	731,867	4,441	6.1	4,305	5.9	134	0.2
Southeast	552,813	3,419	6.2	3,290	6.0	91	0.2
Southwest	971,775	6,308	6.5	6,123	6.3	171	0.2
St. Louis Region	2,149,084	10,484	4.9	10,064	4.7	393	0.2
Kansas City Region	1,296,998	8,518	6.6	8,122	6.3	396	0.3
Urban	4,125,585	23,414	5.7	22,382	5.4	1,005	0.2
Rural	2,052,372	12,689	6.2	12,384	6.0	242	0.1

Graph G. Dissolution Rates per 1,000 Population: Missouri, 1950-2022



Year	Dissolutions	Rate	Year	Dissolutions	Rate	Year	Dissolutions	Rate
1950	12,177	3.1	1985	24,990	5.0	2016	19,997	3.3
1955	11,351	2.7	1990	25,701	5.0	2017	19,187	3.1
1960	11,320	2.6	1995	25,733	4.8	2018	18,630	3.0
1965	13,261	3.0	2000	24,980	4.5	2019	17,740	2.9
1970	17,852	3.8	2005	21,013	3.6	2020	16,406	2.7
1975	24,527	5.1	2010	23,349	3.9	2021	18,107	2.9
1980	27,595	5.6	2015	19,330	3.2	2022	16,543	2.7

Table 36. Reported Marriage Dissolution Decrees by Month and by Type of Decree: Missouri, 2022

	Total Decrees	Dissolutions	Legal Separations	Annulments
State Total	16,624	16,499	81	44
January	1,311	1,296	9	6
February	1,078	1,072	5	1
March	1,557	1,548	4	5
April	1,348	1,332	11	5
May	1,459	1,453	5	1
June	1,493	1,482	7	4
July	1,342	1,332	8	2
August	1,504	1,493	8	3
September	1,423	1,411	10	2
October	1,348	1,337	2	9
November	1,320	1,312	6	2
December	1,441	1,431	6	4

Table 37. Reported Dissolutions and Annulments of Marriage by Number of Previous Marriages: Missouri, 2022

	Total	<u>Wife</u>							
		None	One	Two	Three	Four	Five Or More	Unknown	
Husband									
Total	16,543	10,000	3,304	1,051	281	86	38	1,783	
None	10,036	8,286	1,351	258	50	13	6	72	
One	3,386	1,363	1,361	432	113	31	15	71	
Two	965	242	381	230	61	21	10	20	
Three	277	46	102	72	43	8	2	4	
Four	83	7	39	16	10	7	0	4	
Five Or More	30	4	7	12	0	3	4	0	
Unknown	1,766	52	63	31	4	3	1	1,612	

Table 38. Reported Dissolutions and Annulments of Marriage by Duration of Marriage and Number of Children Affected: Missouri, 2022

<u>Duration</u>	Total	<u>Children Affected</u>									
		No Children	One	Two	Three	Four	Five	Six Or More	Unknown		
Total	16,543	9,153	3,137	2,813	1,047	265	79	31	18		
Under 1 Year	409	336	48	17	4	2	1	1	0		
1 Year	840	684	101	35	18	2	0	0	0		
2 Years	971	709	171	64	22	5	0	0	0		
3 Years	1,046	702	212	104	20	6	2	0	0		
4 Years	1,093	675	219	152	36	7	2	1	1		
5 Years	1,031	545	248	177	49	10	1	1	0		
6 Years	981	513	199	196	52	16	2	1	2		
7 Years	844	415	175	184	53	11	3	1	2		
8-9 Years	1,451	583	331	383	111	33	10	0	0		
10-12 Years	1,755	681	359	443	200	53	15	4	0		
13-15 Years	1,269	438	258	349	156	42	18	6	2		
16-19 Years	1,350	505	265	345	168	40	16	10	1		
20-24 Years	1,316	639	308	233	97	28	5	3	3		
25-29 Years	821	614	122	54	23	4	3	1	0		
30-34 Years	475	414	37	14	7	2	1	0	0		
35-39 Years	263	244	11	5	3	0	0	0	0		
40 Years and Longer	224	213	5	4	2	0	0	0	0		
Unknown	404	243	68	54	26	4	0	2	7		

Table 39. Reported Dissolutions and Annulments of Marriage by Race of Wife by Race of Husband: Missouri, 2022

	<u>Wife</u>	<u>Husband</u>				
		Total	White	Black	Other	Unknown
Total		16,543	12,192	1,589	312	2,450
White		12,191	11,603	278	122	188
Black		1,408	131	1,227	23	27
Other		374	189	22	154	9
Unknown		2,570	269	62	13	2,226

Table 40. Reported Dissolutions and Annulments of Marriage by Petitioner by Disposition of Children and by Child Support Awarded: Missouri, 2022

<u>Petitioner</u>	Total	<u>Custody Given To:</u>					
		<u>Husband</u>	<u>Wife</u>	<u>Joint</u>	<u>Other</u>	<u>No Children</u>	<u>Unknown</u>
Total	16,543	334	1,382	5,343	122	9,357	5
Husband	7,779	283	295	2,401	58	4,741	1
Wife	7,877	47	1,051	2,696	59	4,022	2
Joint	304	1	15	148	2	138	0
Other	16	0	0	4	0	12	0
Unknown	567	3	21	94	3	444	2

<u>Petitioner</u>	Total	<u>Child Support Awarded To:</u>					
		<u>Husband</u>	<u>Wife</u>	<u>No Support</u>	<u>Other</u>	<u>No Children</u>	<u>Unknown</u>
Total	16,543	525	3,413	3,204	10	9,357	34
Husband	7,779	387	1,095	1,539	5	4,741	12
Wife	7,877	119	2,219	1,492	5	4,022	20
Joint	304	9	50	107	0	138	0
Other	16	0	1	3	0	12	0
Unknown	567	10	48	63	0	444	2

Table 41. Reported Dissolutions and Annulments of Marriage by Age of Wife by Age of Husband: Missouri, 2022

Age of Wife	Total	Age of Husband									
		Less Than 20	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65 +	Unknown
Total	16,543	8	486	1,504	2,277	2,474	2,486	3,745	2,207	933	423
Less Than 20	35	4	24	1	0	2	2	0	1	1	0
20-24	735	3	354	276	50	20	8	7	1	0	16
25-29	1,931	0	79	917	645	158	58	24	9	1	40
30-34	2,574	0	13	205	1,155	750	237	133	19	2	60
35-39	2,586	1	1	44	255	1,092	763	344	41	7	38
40-44	2,430	0	1	19	76	299	1,037	842	101	14	41
45-54	3,358	0	0	11	38	95	308	1,981	756	97	72
55-64	1,785	0	1	0	3	8	23	296	1,100	329	25
65 +	629	0	0	1	3	1	2	25	125	461	11
Unknown	480	0	13	30	52	49	48	93	54	21	120

Table 42A. Reported Dissolutions and Annulments by County of Recording with Rates per 1,000 Population: Missouri, 2022

Counties	Population	Decrees	Rate
State Total	6,177,957	16,543	2.7
Adair	25,165	45	1.8
Andrew	18,003	102	5.7
Atchison	5,182	28	5.4
Audrain	24,434	83	3.4
Barry	34,926	39	1.1
Barton	11,694	33	2.8
Bates	16,177	52	3.2
Benton	20,224	47	2.3
Bollinger	10,518	32	3.0
Boone	187,690	424	2.3
Buchanan	82,911	170	2.1
Butler	42,179	209	5.0
Caldwell	8,933	0	0.0
Callaway	44,762	116	2.6
Camden	43,768	116	2.7
Cape Girardeau	82,899	264	3.2
Carroll	8,423	32	3.8
Carter	5,268	24	4.6
Cass	110,394	308	2.8
Cedar	14,601	39	2.7
Chariton	7,386	14	1.9
Christian	93,114	303	3.3
Clark	6,723	20	3.0
Clay	257,033	664	2.6
Clinton	21,328	46	2.2
Cole	76,969	200	2.6
Cooper	16,772	41	2.4
Crawford	22,659	85	3.8
Dade	7,660	24	3.1
Dallas	17,626	38	2.2
Davies	8,435	14	1.7
DeKalb	11,336	36	3.2
Dent	14,467	60	4.1
Douglas	11,975	36	3.0
Dunklin	27,406	97	3.5
Franklin	105,879	334	3.2
Gasconade	14,768	39	2.6
Gentry	6,253	48	7.7

Counties	Population	Decrees	Rate
Greene	303,293	1,084	3.6
Grundy	9,838	27	2.7
Harrison	8,199	27	3.3
Henry	22,438	42	1.9
Hickory	8,630	29	3.4
Holt	4,262	4	0.9
Howard	10,168	24	2.4
Howell	40,631	176	4.3
Iron	9,414	30	3.2
Jackson	716,531	1,525	2.1
Jasper	124,075	466	3.8
Jefferson	229,336	507	2.2
Johnson	54,368	194	3.6
Knox	3,776	7	1.9
Laclede	36,313	129	3.6
Lafayette	32,961	95	2.9
Lawrence	38,683	93	2.4
Lewis	9,891	30	3.0
Lincoln	63,155	159	2.5
Linn	11,820	39	3.3
Livingston	14,402	59	4.1
Macon	15,049	36	2.4
Madison	12,753	68	5.3
Maries	8,431	23	2.7
Marion	28,438	97	3.4
McDonald	23,588	75	3.2
Mercer	3,437	9	2.6
Miller	25,403	77	3.0
Mississippi	11,688	36	3.1
Moniteau	15,220	43	2.8
Monroe	8,652	25	2.9
Montgomery	11,470	22	1.9
Morgan	21,785	44	2.0
New Madrid	15,695	57	3.6
Newton	60,011	180	3.0
Nodaway	20,670	44	2.1
Oregon	8,732	18	2.1
Osage	13,399	19	1.4
Ozark	8,940	32	3.6

Counties	Population	Decrees	Rate
Pemiscot	14,841	44	3.0
Perry	18,858	53	2.8
Pettis	43,353	151	3.5
Phelps	45,313	128	2.8
Pike	17,664	54	3.1
Platte	110,534	259	2.3
Polk	32,693	97	3.0
Pulaski	53,941	306	5.7
Putnam	4,666	15	3.2
Ralls	10,420	21	2.0
Randolph	24,622	75	3.0
Ray	23,107	61	2.6
Reynolds	6,006	10	1.7
Ripley	10,703	68	6.4
Saline	23,007	55	2.4
Schuyler	4,002	11	2.7
Scotland	4,643	12	2.6
Scott	37,840	135	3.6
Shannon	7,193	19	2.6
Shelby	5,982	20	3.3
St. Charles	413,803	1,086	2.6
St. Clair	9,576	30	3.1
St. Francois	66,969	262	3.9
St. Louis City	286,578	534	1.9
St. Louis County	990,414	2,088	2.1
Ste. Genevieve	18,644	49	2.6
Stoddard	28,377	114	4.0
Stone	32,136	113	3.5
Sullivan	5,840	27	4.6
Taney	56,821	191	3.4
Texas	25,336	71	2.8
Vernon	19,651	69	3.5
Warren	37,260	101	2.7
Washington	23,441	80	3.4
Wayne	10,792	43	4.0
Webster	40,335	109	2.7
Worth	1,955	6	3.1
Wright	19,156	63	3.3

Table 42B. Reported Dissolutions and Annulments by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2022

BRFSS Region	Population	Decrees Recorded	Rate
State Total	6,177,957	16,543	2.7
Northeast	245,423	698	2.8
Northwest	229,997	705	3.1
Central	731,867	2,125	2.9
Southeast	552,813	2,010	3.6
Southwest	971,775	3,101	3.2
St. Louis Region	2,149,084	4,894	2.3
Kansas City Region	1,296,998	3,010	2.3
Urban	4,125,585	10,062	2.4
Rural	2,052,372	6,481	3.2

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 2022 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. However, MDHSS has not received individual abortion records from Illinois since 1983 and did not receive records from Tennessee clinics from 1997 to 2005. Instead, MDHSS received estimates of Missouri resident abortions from some Tennessee clinics from 1997 to 2005, and an estimate of Missouri resident abortions was received from Illinois for 1988-2022. MDHSS also received abortion counts of Missouri resident abortions from Arkansas in 2014-2017 and from Oklahoma in 2019-2022. These estimates and counts are included in Graph D.

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 2022 calendar year of events. Live births were accepted through February 22, 2023, death, fetal death, and abortion records through April 15, 2023, dissolutions through June 27, 2023 and marriages through July 18, 2023.

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

POPULATION

All Missouri county and city population estimates for 2022 were developed by the United States Census Bureau (Vintage 2022) 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 2022 Missouri resident data showed that 3.5 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 2022 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 (<https://health.mo.gov/living/families/ruralhealth/publications.php>). 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 2022 records with unknown county of residence by system is as follows:

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

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:

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

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

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 2013-2022.

Appendix Table A
Resident Rates per 100 Live Births for Four Gestational Age Indicators,
Obstetric Estimate vs. Date of Last Normal Menses (DLNM): Missouri 2013-2022

	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

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 2022 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 2022 there are 90 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 has been 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 2022 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 2022, MDHSS received 65 complication reports representing 115 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.

Recent Huge Decreases in Missouri Abortions Affects Missouri Resident Abortions in Different Ways

As Missouri has continued to further restrict abortions through regulations and laws, the number of Missouri recorded abortions have dropped dramatically from 4,562 in 2016 to 2,910 in 2018 to just 88 in 2022. Despite the huge drop in Missouri recorded abortions, residents of Missouri were still obtaining abortions in other states, primarily Kansas and Illinois. Many of those previously having abortions in Missouri were traveling to Illinois as the only licensed abortion clinic in Missouri was in the St. Louis area. The resident abortion data in Tables 11-15 come from individual data reports. We receive those records from Missouri, Kansas and several other surrounding states, but not Illinois. As more Missourians went to Illinois, the official Missouri resident abortion count went down, decreasing by nearly half from 7,275 in 2016 to 3,012 in 2022. In 2022, well over 90 percent of the Missouri resident abortion numbers came from Kansas abortions compared to just over 40 percent in 2016. As a result, reported resident abortions have not changed much in Western Missouri but have decreased sharply in Eastern Missouri, particularly in the St. Louis area. Therefore the abortion data in Tables 11-15 in 2022 primarily represent abortions occurring in Kansas to Missourians in Western Missouri.

In Graph D, in addition to the data from individual abortion reports, estimated counts of abortions from states (primarily Illinois) not providing individual reports are also made. Despite the huge decreases in Missouri recorded abortions mentioned above, the estimated total number of Missouri resident abortions has risen from 9,074 in 2016 to 10,255 in 2022.