#### **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 19<sup>th</sup> 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 healthcare.

This report presents the final tabulation of statistical data relating to vital events in Missouri during 2019. Records of live births received through February 24, 2020, death, fetal death, abortion, and marriage records through April 15, 2020, and dissolutions received through April 24, 2020, are included in the tables, allowing information on 2019 events to be as complete as possible.

Missouri Vital Statistics 2019 is published for use in public health and related fields as an aid for studying births, deaths, fetal deaths, marriages, dissolutions, and abortions. This document, along with additional vital statistics data, is available on the Department of Health and Senior Services website at health.mo.gov under "Data and Statistics."

For a complete printer friendly version:

https://health.mo.gov/data/vitalstatistics/mvs19/2019MissouriVitalStatistics.pdf

### **TABLE OF CONTENTS**

Table/Gr	raph	BIRTH AND DEATH TRENDS	Page
	A	Live Birth and Death Rates per 1,000 Population: Missouri, 1911-2019	1
1		Population, Recorded Births and Deaths with Rates per 1,000 Population and Natural Increase: Missouri, 1911-1944.	2
2		Population, Recorded and Resident Births and Deaths with Rates per 1,000, and Natural Increase: Missouri, 1945-2019	3
	В	Total Fertility Rates: Missouri, 1911-2019	5
3		Fertility Rates per 1,000 Females by Age of Mother: Missouri, 1911-2019	6
	C	Crude and Age-Adjusted Death Rates per 1,000 Population: Missouri, 1911-2019	7
4		Age-Specific Death Rates per 1,000 Population: Missouri, 1911-2019	8
		BIRTHS	
5A		Resident Live Births by Selected Characteristics by Race and Hispanic Origin of Mother: Missouri, 2019	9
5B		Resident Live Births by Selected Obstetric, Pediatric, and Maternal Conditions and Procedures: Missouri, 2019	10
6		Resident Live Births by Race and Age of Mother by Marital Status and Live Birth Order: Missouri, 2019	11
7		Teen-Age Resident Live Births by Race and Age of Mother by Marital Status and Live Birth Order with Percentages: Missouri, 2019	12
8		Percent Resident Low Birth Weight and Resident Live Births by Birth Weight by Race and Age of Mother: Missouri, 2019	13
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, 2019	14
10A		Resident Live Births by Selected Characteristics by Race and Hispanic Origin of Mother: Missouri, 2019	19
10B		Resident Live Births by Selected Characteristics by BRFSS Region and Metro vs Non-Metro Area: Missouri, 2019	20
10C		Resident Live Births by Selected Characteristics by County: Missouri, 2019	22
10D		Resident Live Births by Selected Characteristics by Cities with More than 25,000 Population: Missouri, 2019	39
		ABORTIONS	
11		Resident Teen-age Pregnancies and Abortions by Selected Ages by County of Residence: Missouri, 2019	45
	D	Resident Abortion Ratios per 1,000 Live Births: Missouri, 1971-2019	47
12A		Resident Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2019	48
12B		Recorded Abortions by Race, Age, and Type of Procedure by Weeks of Gestation: Missouri, 2019	49

## Table of Contents (continued)

12C		Post-Abortion Complication Report: Missouri, 2019	50
13		Resident Abortions by Age, Marital Status, and Education by Race and Hispanic Origin: Missouri, 2019	51
14		Resident Abortions and Ratios per 1,000 Live Births by County and BRFSS Region of Residence: Missouri, 2019	52
15		Resident Abortions by Marital Status, Number of Living Children, and Number of Previous Abortions by Age of Patient: Missouri, 2019	53
		NATURAL INCREASE	
16A		Resident and Recorded Live Births, Deaths, and Natural Increase with Rates per 1,000 Population by County: Missouri, 2019	54
16B		Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Cities with Over 25,000 Population: Missouri, 2019	57
16C		Resident and Recorded Live Births, Deaths, and Natural Increase with Rates by Multi-County Cities: Missouri, 2019	58
17A		Resident Live Births and Deaths by Cities with 10,000 to 24,999 Population: Missouri, 2019	59
17B		Resident Live Births and Deaths by Cities with 2,500 to 9,999 Population: Missouri, 2019	60
		DEATHS	
18A		Twelve Leading Causes of Death and Death Rates per 100,000 Residents: Missouri, 2019	62
18B		Twelve Leading Causes of Resident Death and Percentages by Race: Missouri, 2019	63
19		Five Leading Causes of Death and Percentages for Selected Resident Age Groups: Missouri, 2019	64
20		Resident Deaths with Age-Specific Rates per 1,000 Residents by Age Groups by Sex and Race: Missouri, 2019	65
21A		Resident Deaths by Selected Causes by Age Groups: Missouri, 2019	66
21B		Male Resident Deaths by Selected Causes by Age Groups: Missouri, 2019	68
21C		Female Resident Deaths by Selected Causes by Age Groups: Missouri, 2019	70
	E	Resident Infant Death Rates per 1,000 Live Births: Missouri, 1960-2019	72
22A		Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by County and Cities w/25,000 or More Population: Missouri, 2019	73
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, 2019	75
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, 2019	77
22D		Resident Perinatal, Infant, Fetal, Neonatal, and Post-Neonatal Deaths by Resident BRFSS Region with Rates per 1,000 Live Births: Missouri, 2019	79

# Table of Contents (continued)

Table/Graph		Page
22E	White Non-Hispanic and Black Non-Hispanic Resident Perinatal, Infant, Fetal, Neonatal, Post-Neonatal, and Maternal Deaths by Resident BRFSS Region: Missouri, 2019	80
23	Resident Infant Deaths and Rates per 1,000 Live Births by Cause of Death By Race and By Age at Death: Missouri, 2019	81
24	Resident Infant Deaths and Rates per 1,000 Live Births by Age of Mother by Birth Order: Missouri, 2019	82
25	Resident Infant Deaths and Rates per 1,000 Live Births by Birth Weight by Race of Mother: Missouri, 2019	82
26A	Resident Deaths by Selected Causes of Death by Race and Hispanic Origin with Rates per 100,000 Residents: Missouri, 2019	83
26B	Resident Deaths by Selected Causes of Death by BRFSS Region and Metro/Non-Metro Area: Missouri, 2019	84
26C	Resident Deaths by Selected Causes of Death by County of Residence: Missouri, 2019	85
26D	Resident Deaths by Selected Causes of Death by Cities with 25,000 or More Population: Missouri, 2019	102
27	Recorded Deaths by Type of Accident by Age by Sex: Missouri, 2019	107
28	Resident Deaths by Selected Variables by Determination of Tobacco Use Contributing to Cause of Death: Missouri, 2019	108
29	Resident Deaths by Selected Characteristics by Sex: Missouri, 2019	109
30	Abridged Life Table for Total Population and by Sex: Missouri, 2019	110
	MARRIAGES	
F	Marriage Rates per 1,000 Population: Missouri, 1950-2019	113
31	Reported Marriages by Month of Event: Missouri, 2019	114
32	Reported Male-Female Marriages by Age: Missouri, 2019	115
33A	Reported Marriages by Age and Previous Marital Status: Missouri, 2019	117
33B	Reported Same-Sex Marriages by Age and Previous Marital Status: Missouri, 2019	118
34A	Reported Male-Female Marriages by Race: Missouri, 2019	119
34B	Reported Female-Female Marriages by Race: Missouri, 2019	119
34C	Reported Male-Male Marriages by Race: Missouri, 2019	119
35A	Reported Marriages by County of Recording with Rates per 1,000 Population: Missouri, 2019	120
35B	Reported Marriages by Gender and County of Recording: Missouri, 2019	121
35C	Reported Marriages by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2019	122

# Table of Contents (continued)

### DISSOLUTIONS

Table/Graph		Page
G	Dissolution Rates per 1,000 Population: Missouri, 1950-2019	123
36	Reported Marriage Dissolution Decrees by Month and by Type of Decree: Missouri, 2019	124
37	Reported Dissolutions and Annulments of Marriage by Number of Previous Marriages: Missouri, 2019	. 124
38	Reported Dissolutions and Annulments of Marriage by Duration of Marriage and Number of Children Affected: Missouri, 2019	125
39	Reported Dissolutions and Annulments of Marriage by Race of Wife by Race of Husband: Missouri, 2019	126
40	Reported Dissolutions and Annulments of Marriage by Petitioner by Disposition of Children and by Child Support Awarded: Missouri, 2019	126
41	Reported Dissolutions and Annulments of Marriage by Age of Wife by Age of Husband: Missouri, 2019	. 127
42A	Reported Dissolutions and Annulments by County of Recording with Rates per 1,000 Population: Missouri, 2019	128
42B	Reported Dissolutions and Annulments by BRFSS Region of Recording with Rates per 1,000 Population: Missouri, 2019	129
	APPENDIX	130