



## Montana Vital Statistics

# ANNUAL REPORT 2023

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**MONTANA DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES**

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**DEPARTMENT OF  
PUBLIC HEALTH &  
HUMAN SERVICES**

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# MONTANA VITAL STATISTICS SYSTEM

The Montana Vital Statistics System:

- Maintains a permanent public record of each birth, death, and fetal death certificates filed in Montana since 1907.
- Maintains statistical information and statewide indexes for each marriage and marital termination (divorce) that has occurred in Montana since July 1943.
- Develops forms, standards, and guidelines for registration or reporting of all vital events (births, deaths, fetal deaths, abortions, marriages, and divorces) occurring in the State of Montana.
- Directs and monitors the functions of 56 local registrars to assure statewide compliance with the statutory mandate for uniform application of registration laws, policies, and procedures.
- Provides certified copies of birth, death, and fetal death certificates and processes certificate corrections, adoptions, legitimations, and delayed birth certificates.
- Prepares and maintains computer files of state birth, death, fetal death, induced abortion, marriage, marital termination data and monitors these files for data quality.
- Builds and continues cooperative relationships with federal, state, and local agencies—including the National Center for Health Statistics—that collect, maintain, and use vital records and health statistics.
- Provides statistical data, tabulations, and analyses in support of health policy development, health status assessment, and service assurance.

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## ACKNOWLEDGMENTS

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Numerous data providers around Montana and the nation, who keep us informed of changes in the vital status of Montanans.

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## Introduction

This report was prepared by the Montana Department of Public Health and Human Services (DPHHS), Epidemiology and Scientific Support Bureau (ESSB) and primarily uses data collected through the Montana Vital Statistics System. However, the following organizations also provided information: The Judicial Case Management System (JCMS) of the Montana District Court System provided marriage and divorce data. National death and birth data are provided by the National Center for Health Statistics (NCHS) and population estimates are provided by the United States Census Bureau. These provide context for interpretation of Montana vital events. This report provides a reference to some of the more frequently used Montana vital statistics.

Data not included in this report may be available upon request. Custom tabulations and analyses are available as time, resources, and confidentiality permit. Requestors may be required to reimburse DPHHS for production costs. A full description of services offered by the Montana Vital Statistics Analysis Unit with request instructions and applicable fees can be found [here](#).

The first third of this report provides results and interpretation of key topics related to vital statistics in Montana. Vital statistics reference tables with statistics broken out by more detailed demographic categories and by county make up the last two thirds of the report. Where space permits, data for one or more prior years are provided

for comparison. A “List of Reference Tables” describes each of the reference tables by its contents and location, with a beginning letter describing the subject area for each type of table followed by a number. The naming scheme for these tables is described below.

Beginning Letter	Contents of Reference Table
S	selected (mixed record type) statistics
P	population statistics
B	live birth statistics
D	death statistics
F	fetal death statistics
A	induced abortion statistics

Certificates of vital events provide most of the data for these statistics and tabulations. These include certificates of birth, death, and fetal death, as well as transcripts of marriage, marital termination, invalid marriage (divorce and annulment), and induced abortions. Any other source of data is cited in the text or table where the data are used.

Detailed explanation of the data source, limitations, and analysis methods is available in the [Technical Overview for Montana Vital Statistics Annual Reports](#).

# Birth

There were 11,071 babies born to Montana residents in 2023. [Table S-1](#) shows the frequency and rate of births to all Montana residents (regardless of place of occurrence) from 1975 to 2023.

The Montana birth rate remained about the same from 2000 to 2015. The rate then declined, reaching a rate of 9.8 per 1,000 residents in 2023 (Figure 1). Montana birth rates have been consistently lower than the total for the United States (U.S.).

## Fertility

The fertility rate is sometimes considered more useful than the birth rate because it is computed for women of reproductive age rather than the total population. Fertility rates were higher for American Indian (AI) women (58.1 live births per 1,000 women) than for all women (52.2 live births per 1,000 women) in Montana (Figures 2). There were 1,184 births to American Indian mothers and 9,723 births to white mothers in 2023 ([Table S-2](#)). The trend line in fertility among AI women is broken between 2020 and 2021 because of a change in how race data is analyzed. Starting in 2021 births are counted in the American Indian total if the mother reported AI race even if other races were also reported. Prior years only counted births as AI if only AI race was reported.

Fertility rates were also higher among AI teens, aged 15 to 19 years, than

FIGURE 1. BIRTH RATES AMONG MONTANA AND U.S. RESIDENTS, 2000-2023

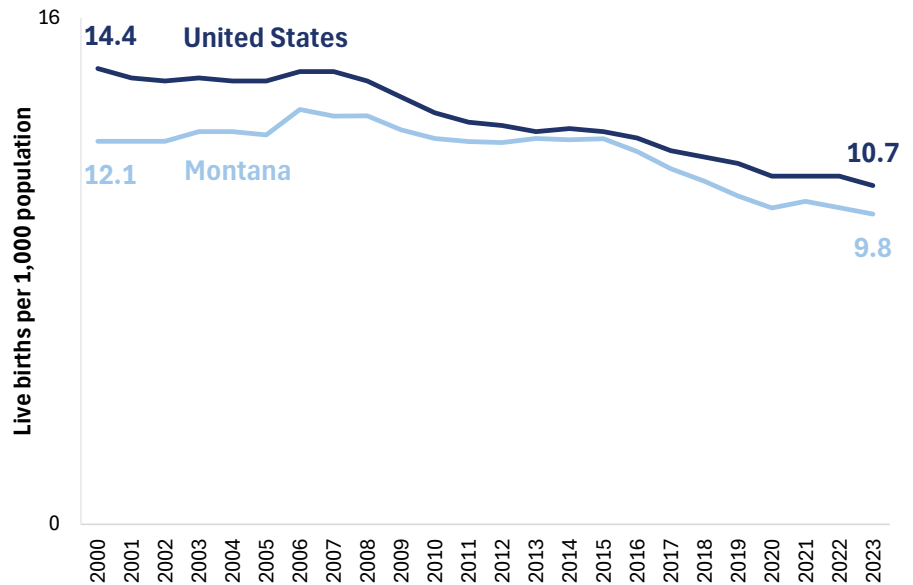
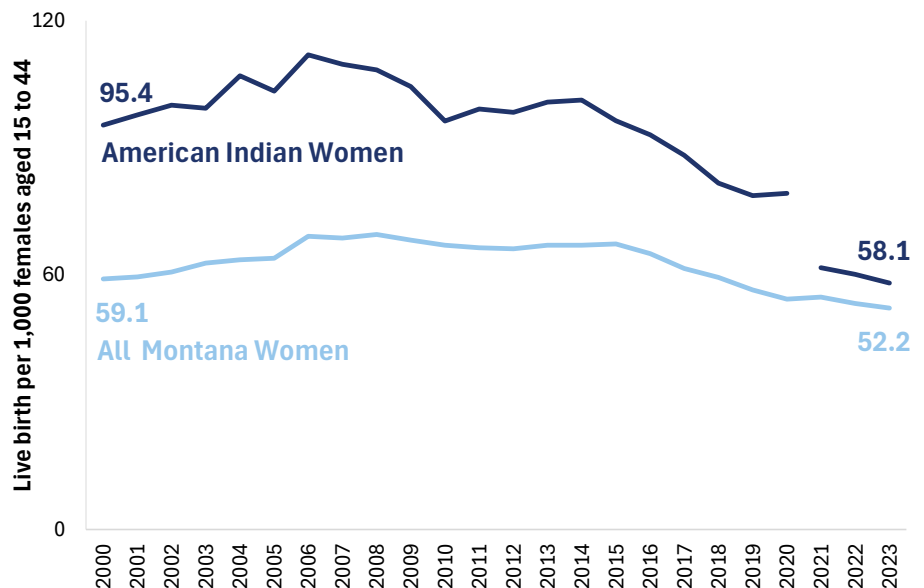


FIGURE 2. TOTAL FERTILITY RATE BY RACE AMONG MONTANA RESIDENTS, 2000-2023



the overall teen fertility rate in Montana (Figure 3). However, the fertility rate among AI teens also decreased much more since 2000 than the overall teen fertility rate.

**Birth Outcomes**

The rate of low birth weight (less than 2,500 grams or five pounds, eight ounces) in Montana has been consistently lower than the national rate since 2000 (Figure 4). Low birth weight is one of the most important risk factors for infant death, and it has been increasing in both Montana and the U.S. over the past several decades. The rate of low birth weight in Montana was 77.2 per 1,000 live births in 2023, up from 61.9 in 2000. [Table B-3](#) shows the number and percent of births by birth weight.

The rate of pre-term births (less than 37 weeks of completed gestation) was also lower in Montana than in the U.S. overall (Figure 5). Pre-term births have also increased in Montana and the U.S. since 2000. In 2023 there were 113.2 pre-term births per 1,000 live births among Montana residents. [Table B-4](#) shows the number of percent of births by gestational age.

**Mother’s Age**

Among Montana residents giving birth in 2023, 60.7% were between ages 25 and 34 years (Figure 6, [Table S-5](#)). Mothers aged 20 to 24 years and 35 years or older each represented about 18% of births. Teen births (less than aged 20) were a relatively small portion of births in 2023.

FIGURE 3. TEEN (15-19 YEARS) FERTILITY RATE BY RACE AMONG MONTANA RESIDENTS, 2000-2023

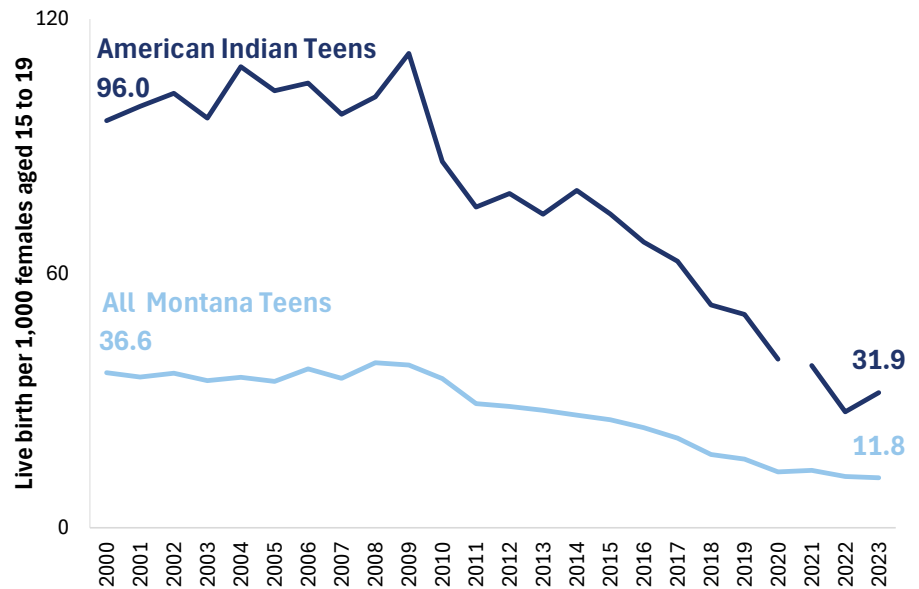
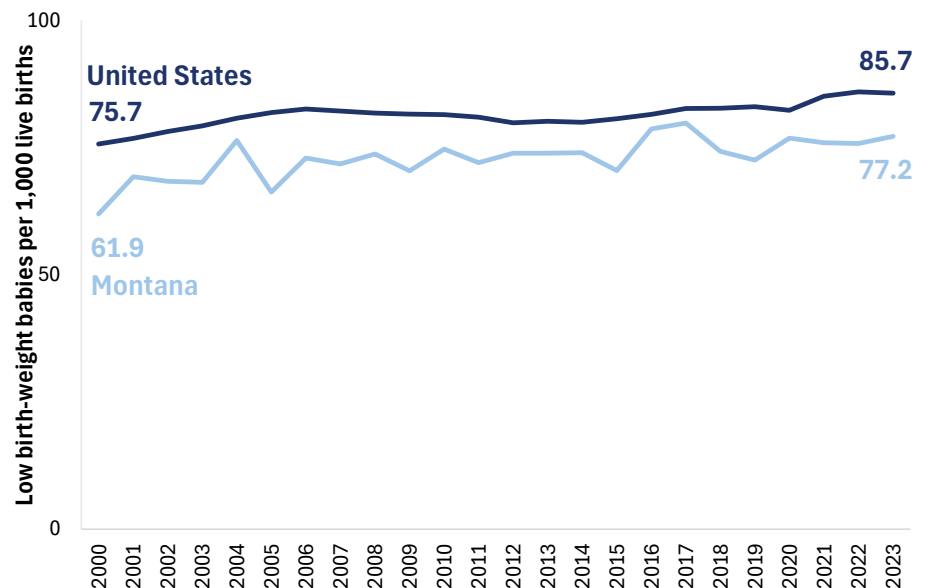


FIGURE 4. RATE OF LOW BIRTH WEIGHT AMONG MONTANA AND THE U.S. RESIDENTS, 2000-2023





### Unreported Pregnancy Outcomes

[Table S-5](#) summarizes pregnancy outcomes reported to DPHHS for Montanans. Those outcomes are live births, fetal deaths where the weight of the fetus meets legal reporting criteria (weight of 350 grams or more or, if the weight is unknown, 20 or more weeks of completed gestation), and induced abortions provided within Montana’s borders. It is important to bear in mind that unreported outcomes, miscarriages that do not meet reporting criteria and induced abortions performed on Montanans outside Montana, are unknown. These unreported events comprise an unknown portion of the pregnancies experienced by Montanans and this portion could vary substantially over time. Thus, the number of total pregnancies for Montanans is unknown and analysts should be cautious in any reference to total pregnancies.

FIGURE 5. RATE OF PRE-TERM BIRTH AMONG MONTANA AND U.S. RESIDENTS, 2000-2023

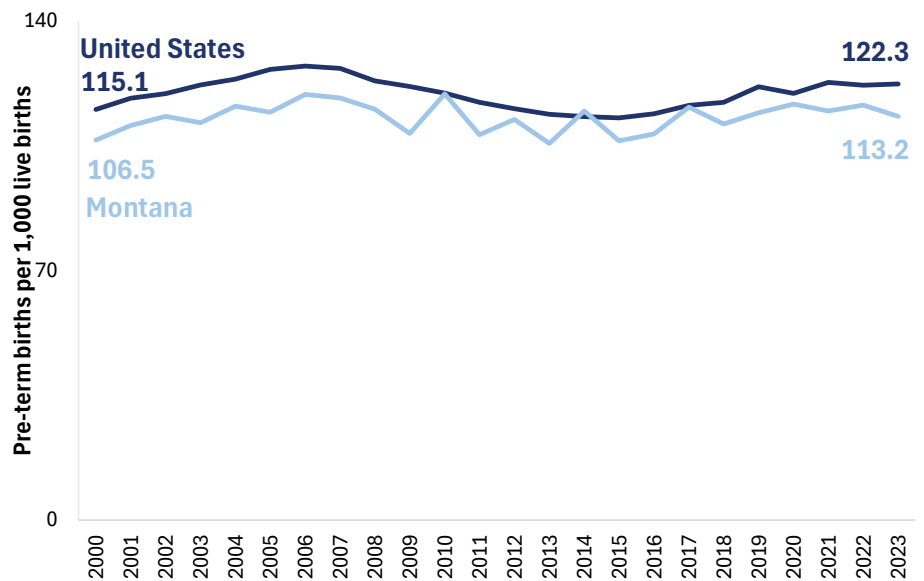
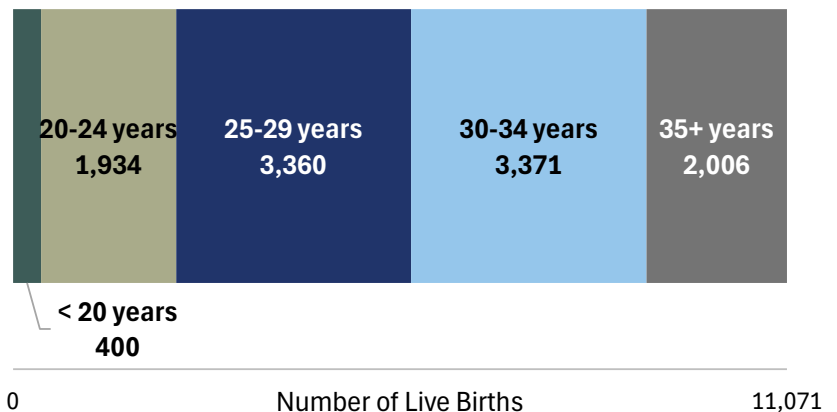


FIGURE 6. NUMBER OF LIVE BIRTHS BY THE AGE OF THE MOTHER AMONG MONTANA RESIDENTS, 2023



# Death

There were 11,157 Montana residents who died in 2023, the fourth consecutive year where resident deaths exceeded resident births ([Table S-1](#)).

The death rate is closely related to the age structure of the resident population. It is therefore useful to adjust this rate for differences in the age distributions of populations when comparing death rates between those populations (“age adjusted death rate” is further defined in the [Technical Overview](#)). The age-adjusted rate offers a better comparison of the relative risk of death between populations in different geographic areas or in the same geographic area over different times.

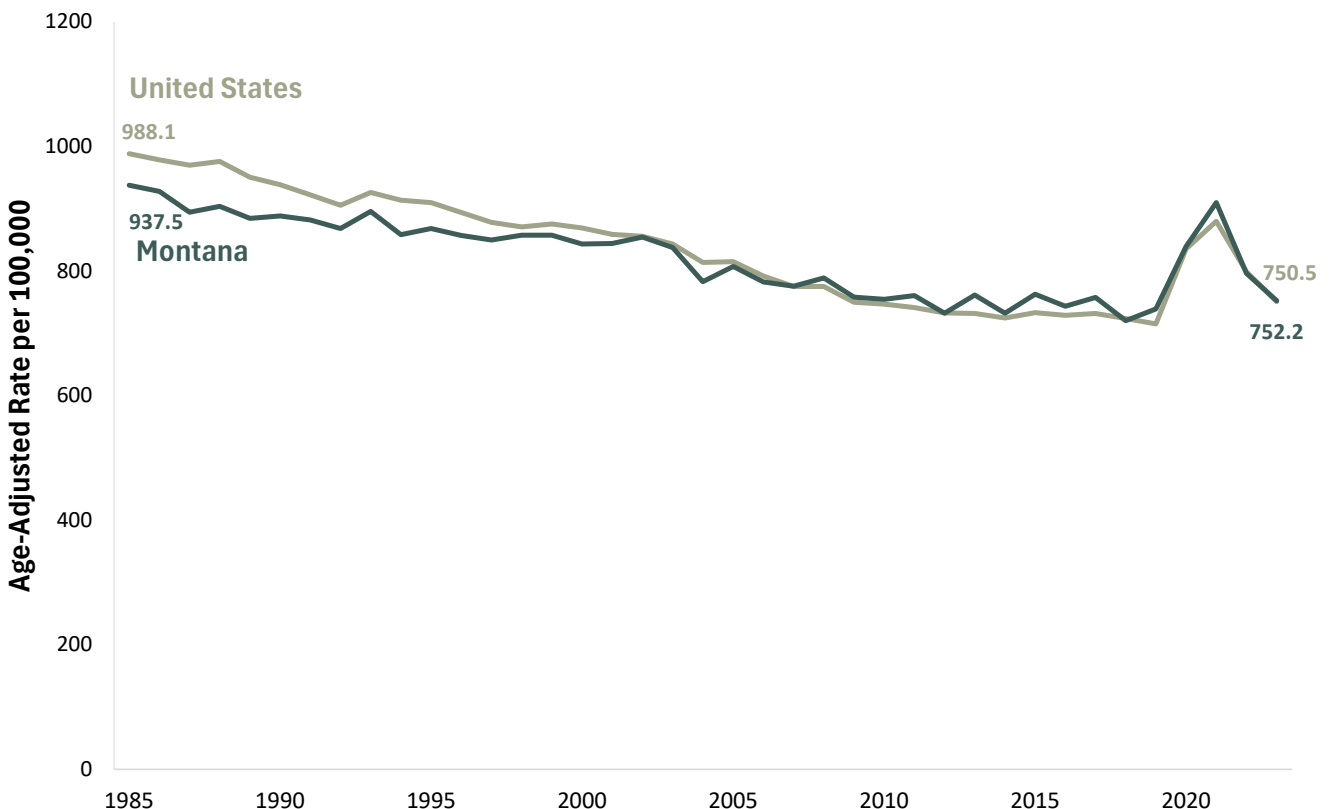
Montana’s age-adjusted death rate had been decreasing steadily since 1985 when there was a substantial increase in 2020 and 2021 due to the

COVID-19 pandemic (Figure 7). Death rates in 2022 and 2023 did decrease but still remain higher than pre-pandemic rates. Montana’s age-adjusted death rate is very similar to the U.S. overall especially in more recent years. The age-adjusted death rate among Montana residents in 2023 was 752.2 per 100,000 population. In 2023, the U.S. age-adjusted death rate was 750.5 per 100,000.

## Age, Sex, and Race

The leading causes of death are likely to be different within different ages, sexes, and racial groups. Table 1 illustrates some of the difference in the causes of death among males versus females. For instance, more males than females died of heart disease, cancer, chronic liver disease and cirrhosis, diabetes, and—most strikingly—violence (suicide, homicide) and unintentional injury. Almost four times as many males as females died by suicide in the years of

FIGURE 7. AGE-ADJUSTED DEATH RATES AMONG MONTANA AND THE U.S. RESIDENTS, 1985–2023



## DEATH

2019-2023.

On the other hand, more females than males died of cerebrovascular disease and chronic lower respiratory diseases during this five-year period. Almost twice as many females as males died of Alzheimer's disease. Typically, those dying of these causes lived the longest lives, as measured by the decedents' median age at death ([Table D-7](#)), reflecting the relative longevity of females.

Table 1 also illustrates some of the similarities and differences in the causes of death among white Montanans compared to American Indian (AI) Montanans. The top four causes of death were heart disease, cancer, unintentional injury, and COVID-19 among both groups. The fifth leading cause, however, was different. Among white residents, it was chronic lower respiratory disease. Among AI residents, it was chronic liver

disease. Diabetes and suicide also ranked higher among AI Montanans.

The leading causes of death also vary by age ([Table 2](#) and [3](#)). Cancer and heart disease were very common among decedents aged 45 and older, comprising almost half of these deaths, but were much less common among decedents aged 44 and younger. On the contrary, accidents and suicides were very common among decedent's aged 25 to 44 , comprising about half of these deaths.

Among children and young adults, aged 24 years and younger, unintentional injury was the leading cause of death and suicide was the second leading cause of death ([Table 3](#)). About 65% of unintentional injury deaths were caused by motor vehicle crashes among young adults and children.

TABLE 1. FREQUENCY LEADING CAUSES OF DEATH BY RACE, AND SEX, MONTANA RESIDENTS, 2019-2023

Total Rank	Leading Causes of Death	All Races		White		American Indian	
		Male	Female	Male	Female	Male	Female
	All Causes of Death	31,474	26,485	28,710	24,185	2,535	2,124
1	Heart Disease	7,131	5,113	6,682	4,795	413	290
2	Cancer	5,906	4,913	5,567	4,579	298	305
3	Unintentional Injury	2,412	1,397	2,069	1,178	327	213
	Motor Vehicle Crashes	786	328	664	243	122	84
	Non-Motor Vehicle Injury	1,626	1,069	1,405	935	205	129
4	COVID-19	1,941	1,441	1,672	1,201	235	215
5	Chronic Lower Respiratory	1,576	1,710	1,499	1,608	77	103
6	Stroke	881	1,233	832	1,158	40	64
7	Alzheimer's Disease	614	1,068	602	1,045	8	18
8	Diabetes	959	642	815	532	136	98
9	Suicide	1,259	318	1,106	270	144	49
10	Chronic Liver Disease and	758	504	562	312	192	188
11	Kidney Disease	430	345	372	289	48	50
12	Parkinson's Disease	431	260	421	256	10	2
13	Nutritional deficiencies	242	393	229	372	10	17
14	Influenza and pneumonia	339	277	295	250	43	24
15	Septicemia	292	241	255	210	33	33

## DEATH

Perinatal conditions (conditions originating in the timeframe from 22 weeks gestation until 28 days after birth) and birth defects and genetic abnormalities were the leading causes of death among infants and young children, aged less than 5 years.

Frequencies and age-adjusted rates for the ten leading causes of death (for decedents of all ages) are shown for Montana and each county in [Table S-4](#).

**TABLE 2. FREQUENCY OF LEADING CAUSES OF DEATH AMONG ADULTS BY AGE, MONTANA RESIDENTS, 2019-2023**

Rank	Leading Causes of Death	All Adults	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
	All Causes of Death	56,752	1,223	1,816	2,840	6,976	11,939	14,927	17,031
1	Heart Disease	12,223	61	164	432	1,485	2,565	3,125	4,391
2	Cancer	10,784	58	143	445	1,729	3,257	3,229	1,923
3	Unintentional Injury	3,421	421	492	409	484	451	502	662
	Motor Vehicle Crashes	862	166	167	127	166	119	84	33
	Non-Motor Vehicle Injury	2,559	255	325	282	318	332	418	629
4	COVID-19	3,376	24	73	169	415	831	962	902
5	Chronic Lower Respiratory Dis-	3,282	2	11	33	381	839	1,118	898
6	Stroke	2,107	5	20	68	159	334	649	872
7	Alzheimer's Disease	1,682	0	0	1	22	123	502	1,034
8	Diabetes	1,598	26	41	114	247	420	445	305
9	Suicide	4,678	676	739	629	686	629	607	712
10	Chronic Liver Disease and Cir-	1,258	80	187	258	349	252	109	23
	rhosis								
11	Kidney Disease	770	8	12	32	89	168	211	250
12	Parkinson's Disease	691	0	0	3	10	108	330	240
13	Nutritional deficiencies	633	4	5	3	21	62	174	364
14	Influenza and pneumonia	606	5	18	14	68	114	146	241
15	Septicemia	528	7	8	31	78	129	142	133

**TABLE 3. FREQUENCY OF LEADING CAUSES OF DEATH AMONG CHILDREN AND YOUNG ADULTS BY AGE, MONTANA RESIDENTS, 2019-2023**

Rank	Leading Causes of Death	All Children and Young Adults	0-4 Years	5-14 Years	15-24 Years
	All Causes of Death	1,207	351	138	718
1	Unintentional Injury	388	34	52	302
	Motor Vehicle Crashes	252	10	39	203
	Non-Motor Vehicle Injury	136	24	13	99
2	Suicide	268	0	24	244
3	Perinatal Conditions	109	109	0	0
4	Birth Defects and Genetic Abnormalities	70	56	8	6
5	Homicide	60	14	10	36

### Disparities in Deaths among American Indian Montanans

Montana’s American Indian (AI) residents have significantly higher death rates than Montanans overall (Figure 8). Over the past twenty years, the age-adjusted death rate of AI women has been higher than that of men overall. AI men have had the highest age-adjusted death rate. The trend line in deaths among AI Montanans is broken between 2020 and 2021 because of a change in how race data is analyzed. Starting in 2021 deaths are counted in the AI total if the decedent was identified as AI race even if other races were also reported. Prior years only counted deaths as AI if only AI race was reported.

AI Montanans also die at a younger median age than non-AI residents (Figure 9, Table D-7). The median age at death among AI women (63) was 18 years younger than non-AI women (81) and it was 15 years younger among AI men (60) than non-AI men (75).

### Fetal, Infant, and Maternal Deaths

There was a substantial decline in the five-year infant death rate during the last 50 years (Table S-1 and D-5).

Almost one in five infant deaths from 2019 to 2023 (18.3%) were caused by birth defects and genetic abnormalities (Table 4). Sudden Infant Death Syndrome (SIDS) was the second leading cause of death accounting for about 10% of infant deaths. Conditions originating in the perinatal period, the timeframe from 22 weeks gestation

FIGURE 8. AGE-ADJUSTED DEATH RATES BY RACE AND SEX AMONG MONTANA RESIDENTS, 2009–2023

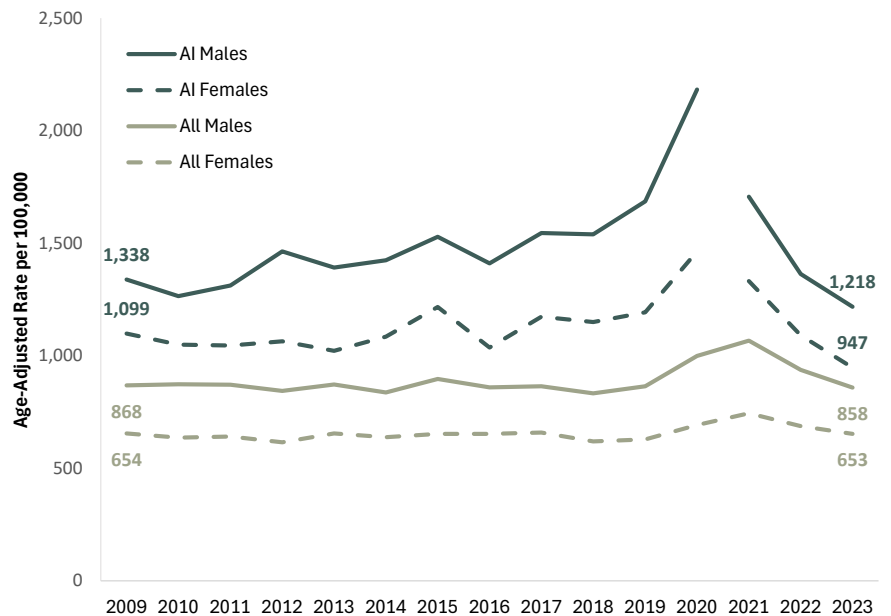
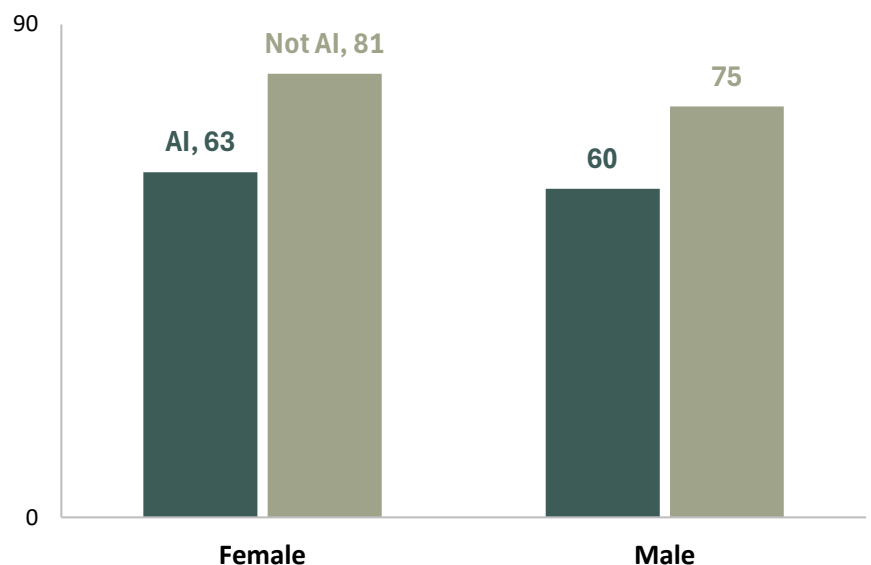


FIGURE 9. MEDIAN AGE AT DEATH BY RACE AND SEX AMONG MONTANA RESIDENTS, 2019–2023



until 28 days after birth, including: conditions related to pre-term birth, and maternal complications of pregnancy, labor, or delivery were also common causes of infant death.

[Table S-1](#) of the Vital Statistics reference tables shows the frequency and crude rate or ratio of all deaths and of fetal, infant, and maternal deaths from 1975 through 2023. There were 49 resident fetal deaths and 62 resident infant deaths in 2023.

Frequencies of infant and fetal deaths by maternal race are shown in [Table S-2](#). All causes of death by age for Montana resident infants are shown in [Table D-4](#). For a complete listing of all 130 potential causes of infant death that appear in Table D-4, as well as each cause associated ICD-10 codes see the [NCHS Instruction Manual Part 9](#).

[Table F-1](#) shows the frequency of fetal deaths (called stillbirths in some states) by the gestational age of the fetus, and selected cause of death. For a complete list of the 124 causes of fetal death that could appear in Table F-1, see the [NCHS Instruction Manual Part 9](#).

TABLE 4. FREQUENCY OF LEADING CAUSES OF DEATH AMONG INFANTS, MONTANA RESIDENTS, 2019-2023

Leading Causes of Death	Number	Percent
Birth defects and genetic abnormalities	51	18.3%
Sudden infant death syndrome	29	10.4%
Disorders related to short gestation and low birth weight	28	10.0%
Maternal complications of pregnancy	14	5.0%
Accidents	10	3.6%
Assault	8	2.9%
Complications of placenta, cord and membranes	8	2.9%
Diseases of the circulatory system	6	2.2%
Bacterial sepsis	6	2.2%
Necrotizing enterocolitis	5	1.8%

### Leading Causes of Death

The 10 leading causes of death in Montana from 2019-2023 were heart disease, cancer, unintentional injuries, COVID-19, chronic lower respiratory disease (CLRD), cerebrovascular disease (stroke), Alzheimer’s disease, diabetes, suicide, and chronic liver disease and cirrhosis (liver disease) (Table 1). The following section looks at trends in these causes of death in

Montana and the U.S. and at the age distribution for these causes. Unintentional injury deaths are separated into motor-vehicle and non-motor vehicle injury deaths because they differ from each other when comparing Montana to the U.S. and when looking at deaths by age-group. Montana trend lines include error bars displaying the 95% confidence intervals for each year’s rate. Montana rates are considered different than the U.S. rate when the error bars do not include the

FIGURE 10. AGE-ADJUSTED DEATH RATES FOR HEART DISEASE, MONTANA AND U.S. RESIDENTS, 2009-2023

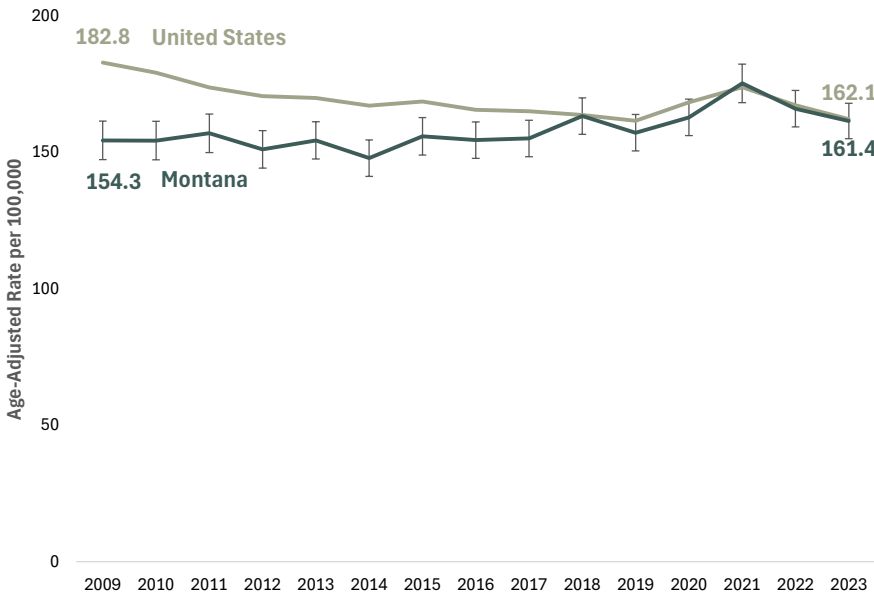


FIGURE 11. AGE-SPECIFIC DEATH RATES FOR HEART DISEASE, MONTANA RESIDENTS, 2019-2023

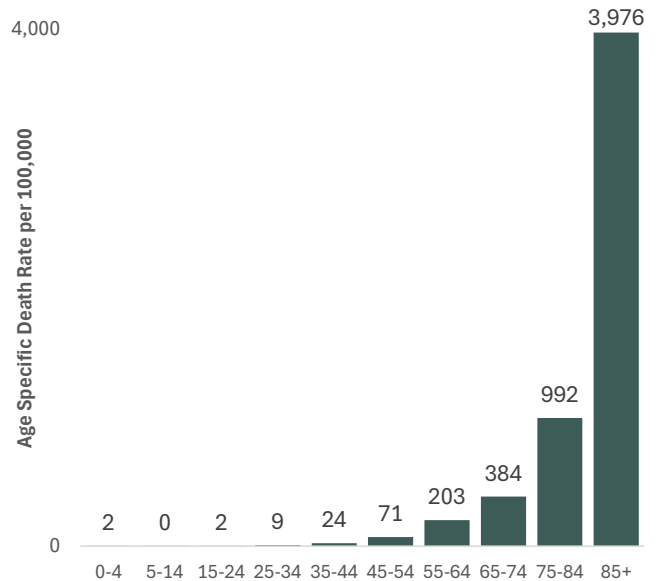


FIGURE 12. AGE-ADJUSTED DEATH RATES FOR CANCER, MONTANA AND U.S. RESIDENTS, 2009-2023

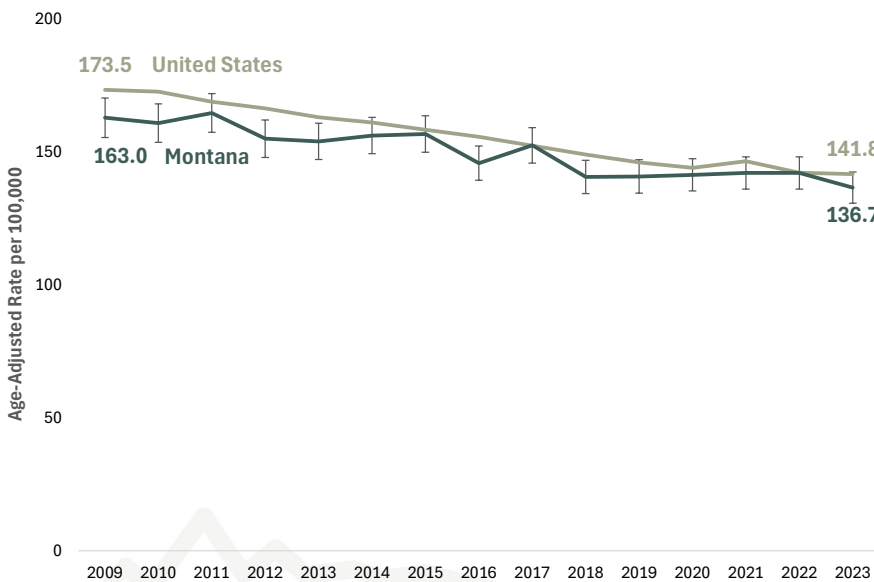
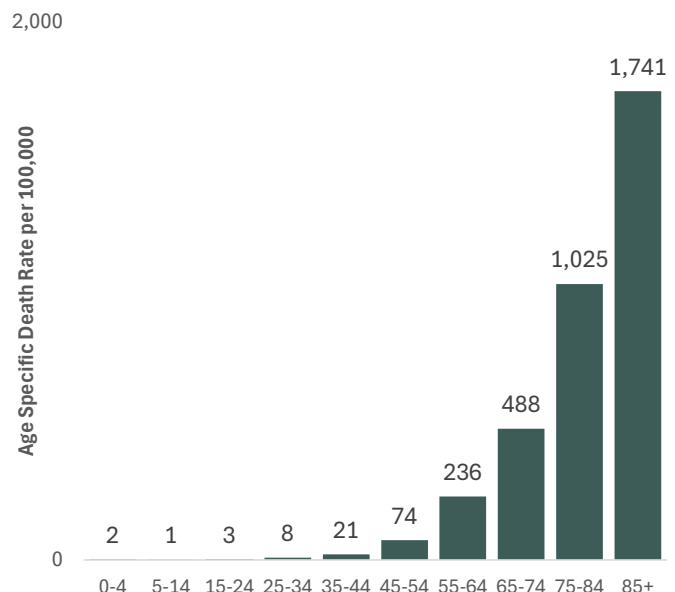


FIGURE 13. AGE-SPECIFIC DEATH RATES FOR CANCER, MONTANA RESIDENTS, 2019-2023



# DEATH

U.S. rate. For more explanation of 95% confidence intervals refer to the [Technical Overview](#).

Montana's age-adjusted death rates are similar to those for the U.S. for many of the leading causes of death. Death rates for cancer, non-motor vehicle injuries, COVID-19, and diabetes (Figures 12, 16, 20, 26) were the same in Montana as in

the U.S. overall and the trends were the same in both geographies. Montana's age-adjusted death rate for heart disease was lower than the U.S. prior to 2018 but it has also increased over the past decade and was the same as the U.S. in more recent years (Figure 10).

Montana's age-adjusted death rate was lower for stroke (Figure 22) and Alzheimer's disease

FIGURE 14. AGE-ADJUSTED DEATH RATES FOR MOTOR VEHICLE CRASHES, MONTANA AND U.S. RESIDENTS, 2009-2023

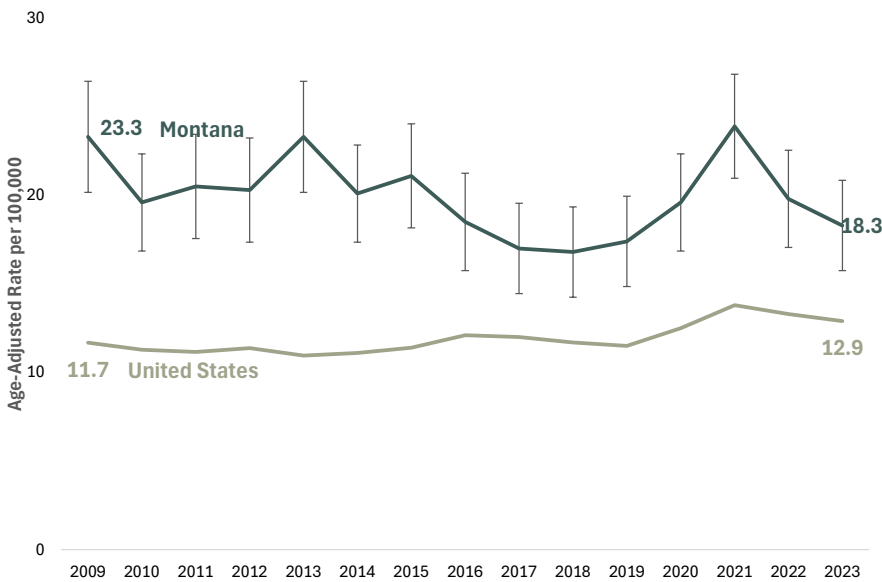


FIGURE 15. AGE-SPECIFIC DEATH RATES FOR MOTOR VEHICLE CRASHES, MONTANA RESIDENTS, 2019-2023

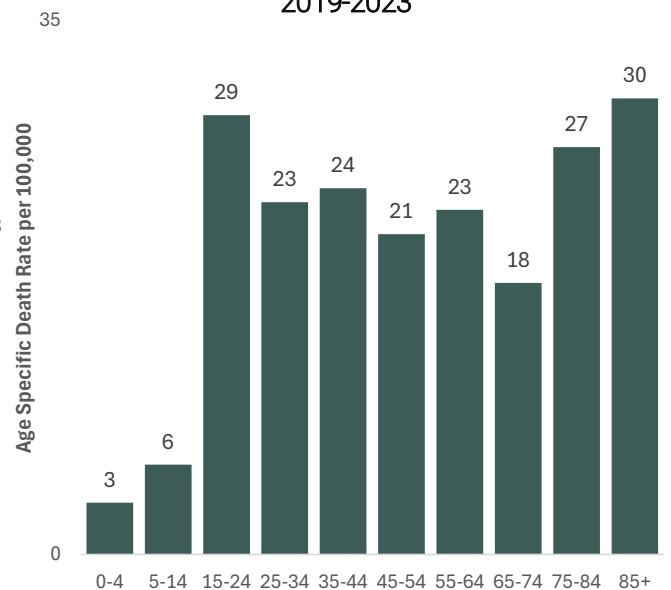


FIGURE 16. AGE-ADJUSTED DEATH RATES FOR NON-MOTOR VEHICLE INJURY MONTANA AND U.S. RESIDENTS, 2009-2023

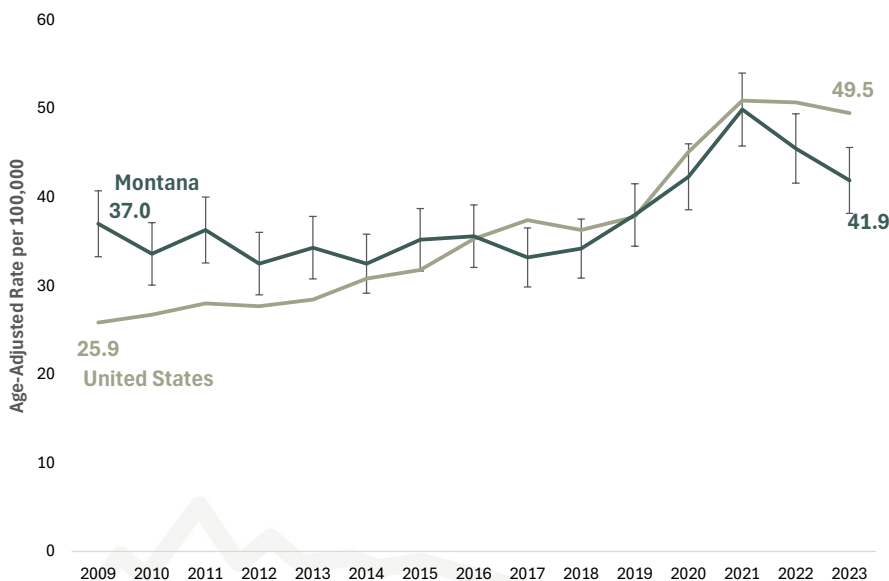
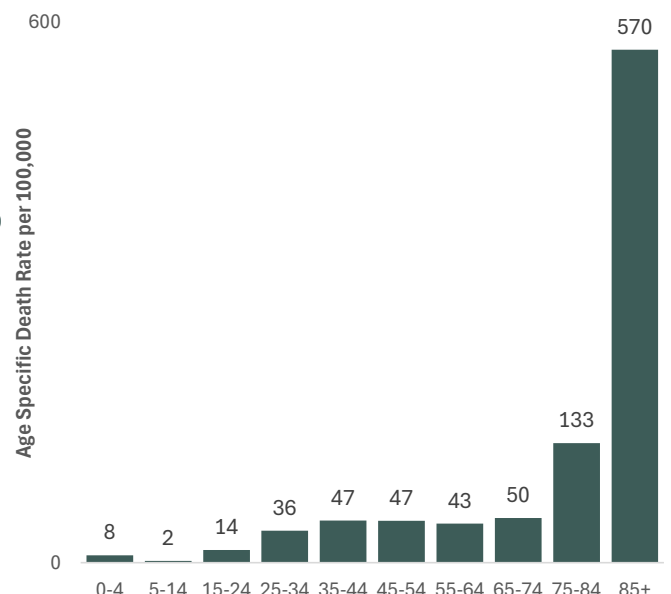


FIGURE 17. AGE-SPECIFIC DEATH RATES FOR NON-MOTOR VEHICLE INJURY, MONTANA RESIDENTS, 2019-2023





(Figure 24) than those rates for the U.S. In fact, stroke deaths are decreasing in Montana while deaths across the U.S. appear to be remaining about the same.

For deaths from other leading causes, however, Montana clearly does not compare well to the nation. The state's rates for chronic lower respiratory diseases (C.L.R.D.) – which includes chronic and unspecified bronchitis, emphysema,

and asthma – were higher than those for the U.S. in all years (Figure 18). Montana's rates for liver disease were also higher than the U.S. rate especially in more recent years (Figure 30). The overall trend for motor vehicle injury deaths is significantly higher in Montana than in the U.S. but it has remained about the same over time (Figure 14). Montana's suicide rate increased substantially in 2021 although the 2022 and 2023 rate is lower and nearly in line with previous

FIGURE 18. AGE-ADJUSTED DEATH RATES FOR CLRD, MONTANA AND U.S. RESIDENTS, 2009-2023

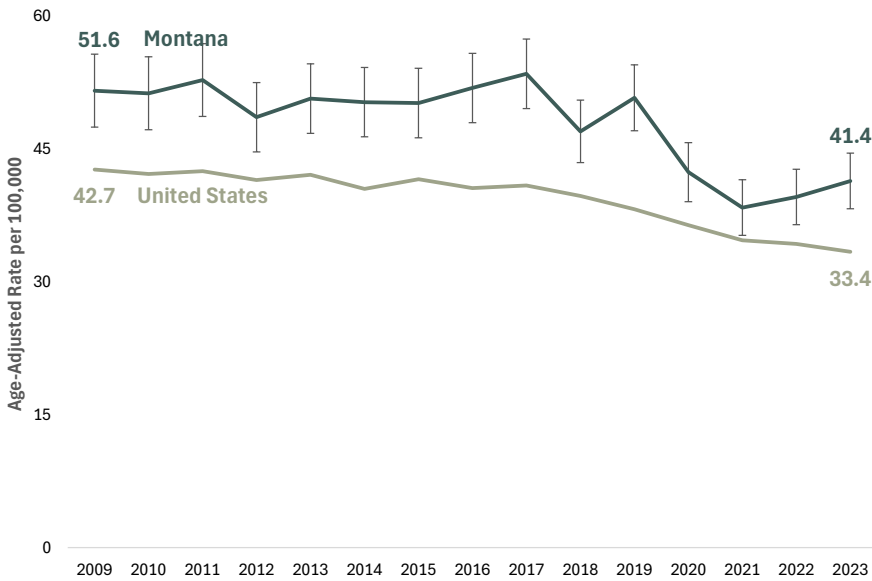


FIGURE 19. AGE-SPECIFIC DEATH RATES FOR CLRD, MONTANA RESIDENTS, 2019-2023

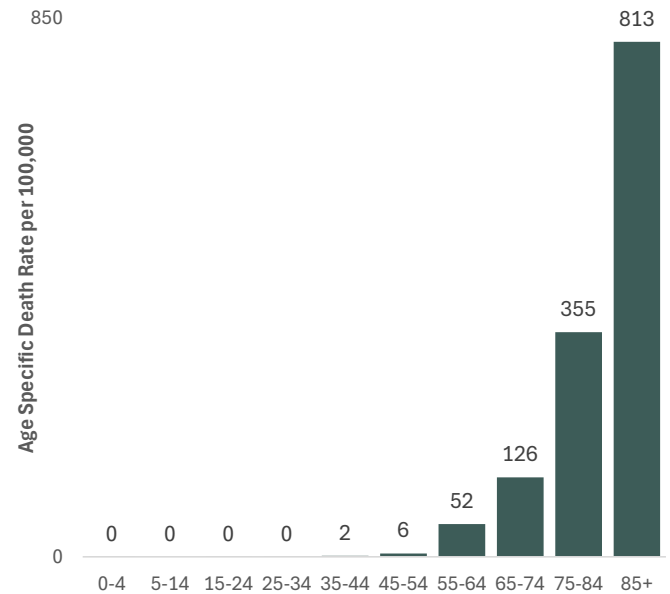


FIGURE 20. AGE-ADJUSTED DEATH RATES FOR COVID-19 MONTANA AND U.S. RESIDENTS, 2020-2023

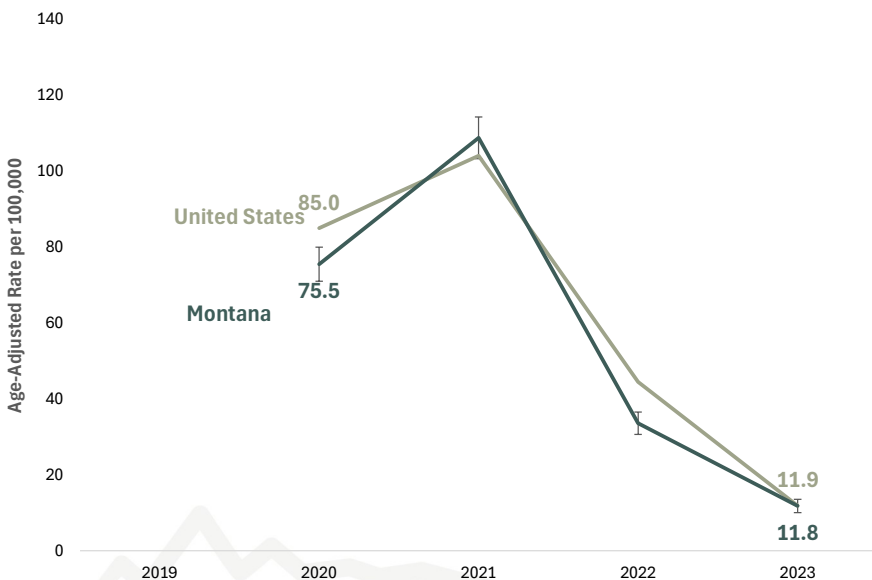
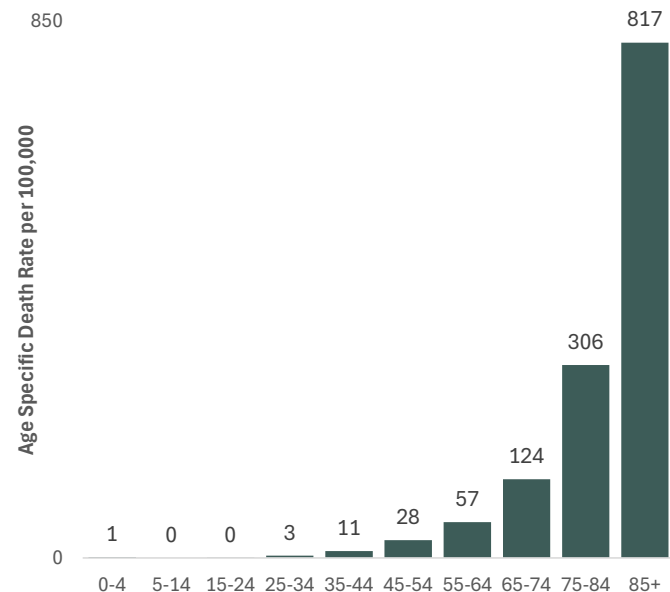


FIGURE 21. AGE-SPECIFIC DEATH RATES FOR COVID-19, MONTANA RESIDENTS, 2020-2023



## DEATH

years. It is noteworthy that the Montana suicide rate was often twice the U.S. rate in the period shown (Figure 28).

Overall deaths tend to increase with age. As such the highest age-specific death rates are generally in the oldest age group. However, this pattern does not hold for some of the leading causes of death. Deaths from motor-vehicle crashes are evenly spread across age groups from 15 through 85 or older. Motor vehicle deaths among

infants and young children (aged 14 and younger) were much lower than deaths among adolescents and adults (Figure 15). Age-specific death rates from suicide increase substantially among adolescents and young adults (aged 15 to 24) but rates are highest among middle aged adults (aged 35-44) and older adults (aged 75 and older) (Figure 29). Deaths due to liver disease are highest in adults aged 55 to 64 years (Figure 31).

FIGURE 22. AGE-ADJUSTED DEATH RATES FOR STROKE, MONTANA AND U.S. RESIDENTS, 2009-2023

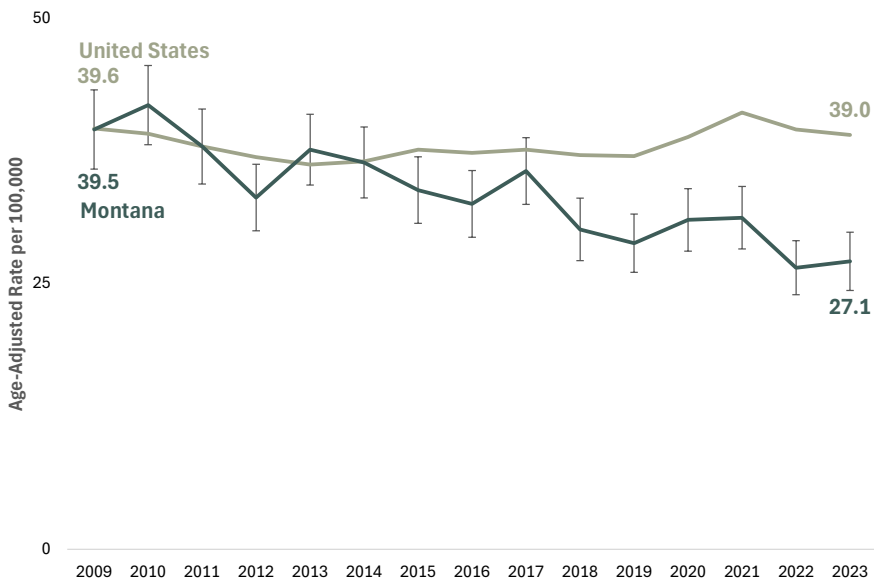


FIGURE 23. AGE-SPECIFIC DEATH RATES FOR STROKE, MONTANA RESIDENTS, 2019-2023

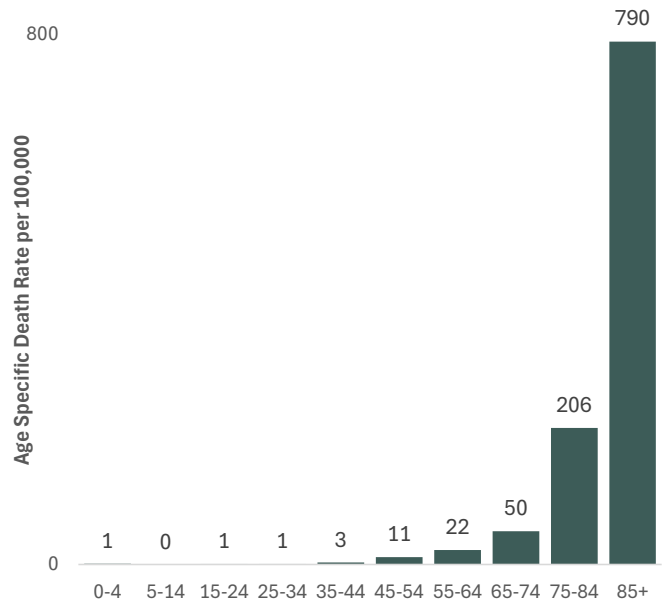


FIGURE 24. AGE-ADJUSTED DEATH RATES FOR ALZHEIMER'S DISEASE, MONTANA AND U.S. RESIDENTS, 2009-2023

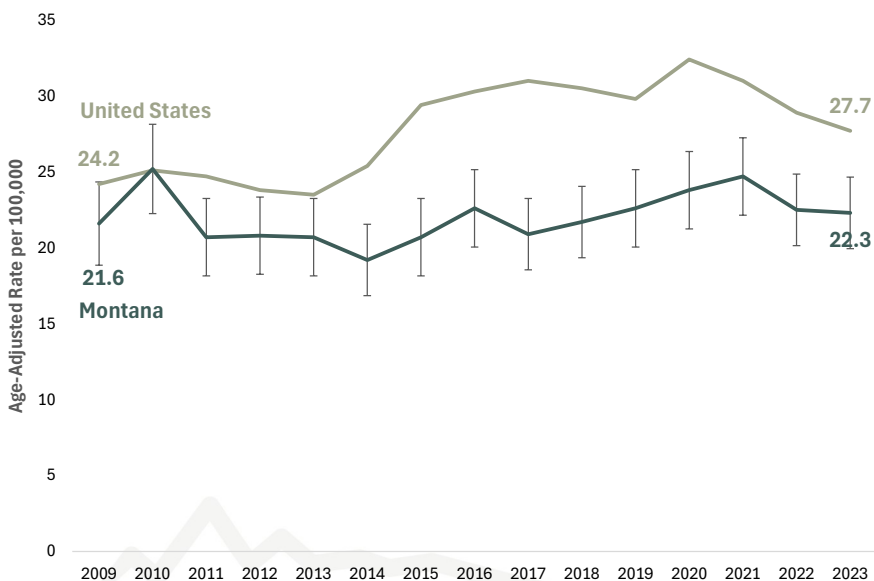
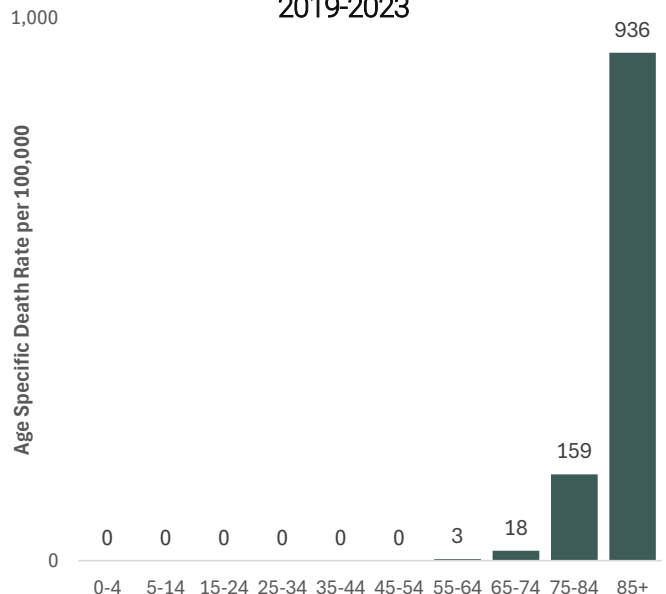


FIGURE 25. AGE-SPECIFIC DEATH RATES FOR ALZHEIMER'S DISEASE, MONTANA RESIDENTS, 2019-2023



# DEATH

FIGURE 26. AGE-ADJUSTED DEATH RATES FOR DIABETES, MONTANA AND U.S. RESIDENTS, 2009-2023

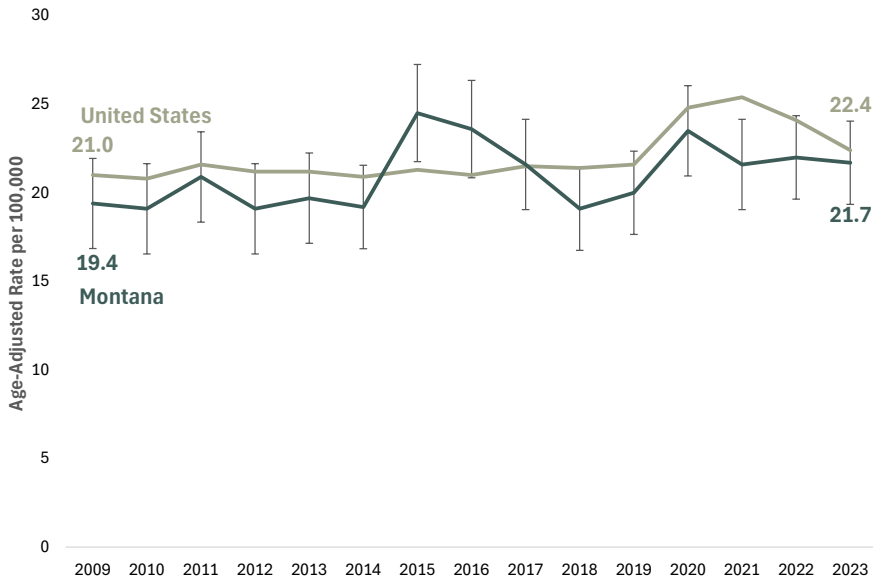


FIGURE 27. AGE-SPECIFIC DEATH RATES FOR DIABETES, MONTANA RESIDENTS, 2019-2023

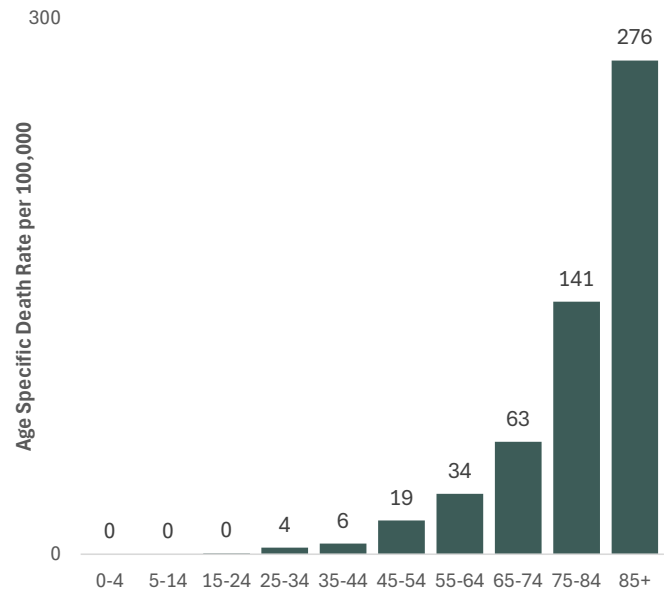


FIGURE 28. AGE-ADJUSTED DEATH RATES FOR SUICIDE, MONTANA AND U.S. RESIDENTS, 2009-2023

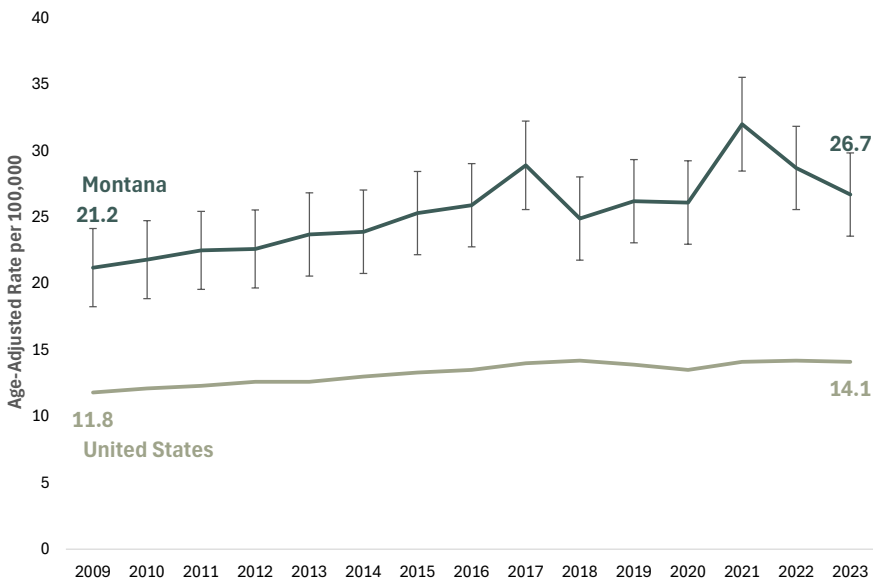


FIGURE 29. AGE-SPECIFIC DEATH RATES FOR SUICIDE, MONTANA RESIDENTS, 2019-2023

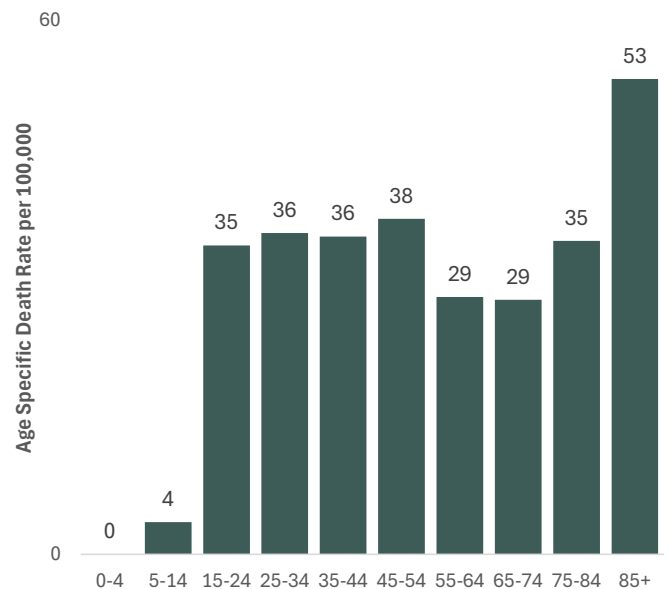


FIGURE 30. AGE-ADJUSTED DEATH RATES FOR LIVER DISEASE, MONTANA AND U.S. RESIDENTS, 2009-2023

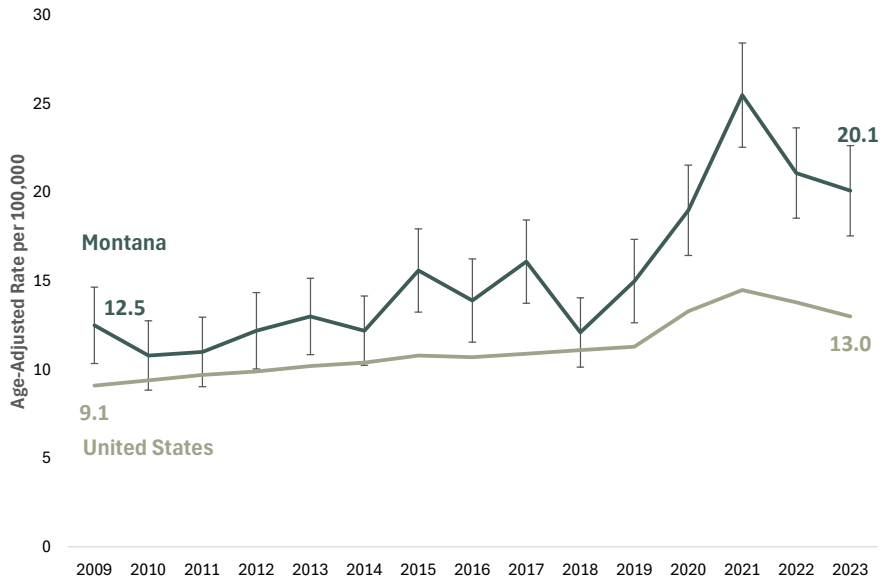
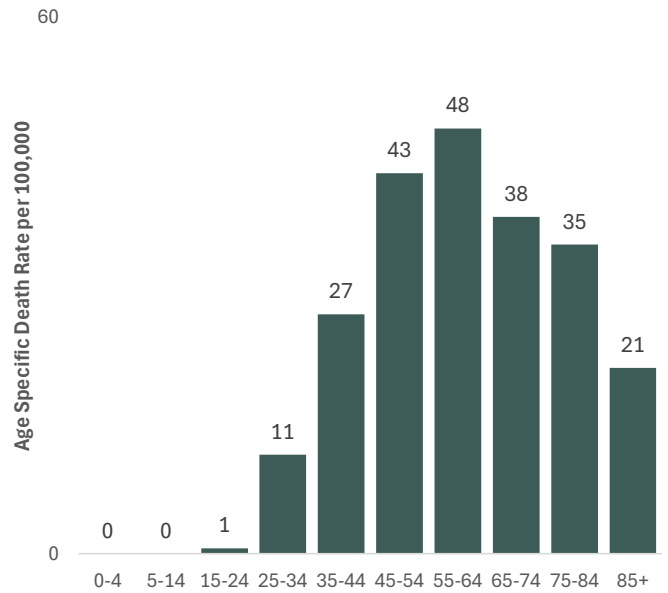


FIGURE 31. AGE-SPECIFIC DEATH RATES FOR LIVER DISEASE, MONTANA RESIDENTS, 2019-2023

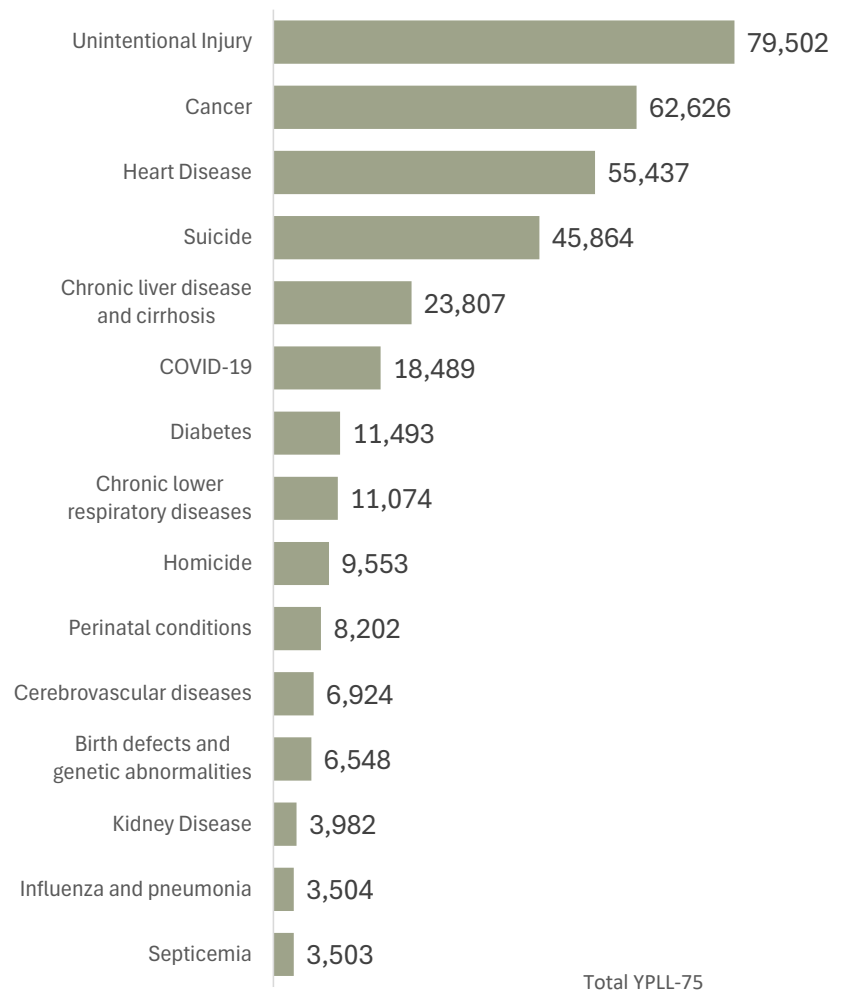


### Years of Potential Life Lost

Premature deaths are deaths that occur before a person reaches an expected age of 75 years, which is measured in terms of Years of Potential Life Lost (YPLL). For example, if a 25-year-old were to die, that person would have 50-years of potential life lost. Many premature deaths are considered preventable. This measure is referred to here as YPLL-75.

The leading causes of premature death in the years of 2019-2023 were unintentional injury, cancer, heart disease, and suicide (Figure 32). Cancer and heart disease cause a large social loss because of the numbers of deaths they cause, both among decedents of advanced age and those less than 75 years of age. More than half of all cancer decedents were less than age 75,

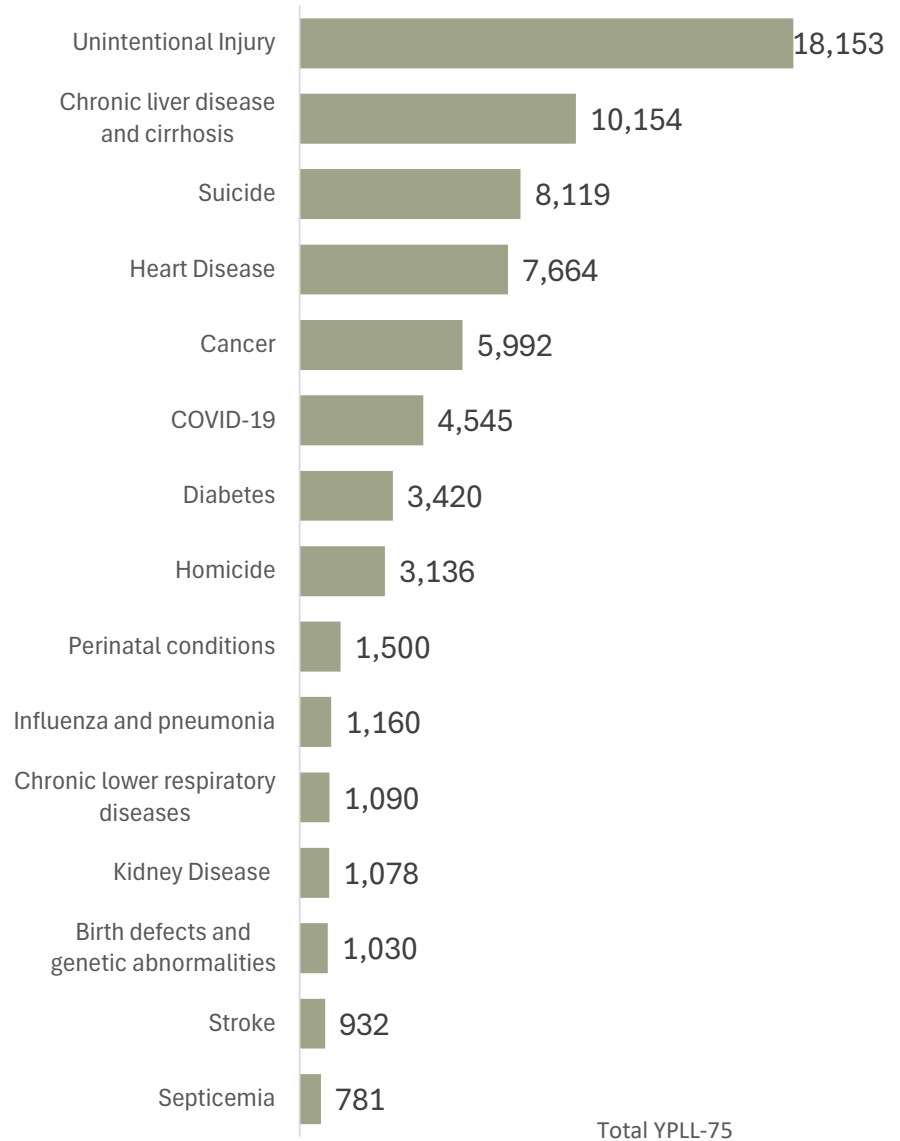
FIGURE 32. TOTAL YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75 BY CAUSE OF DEATH, MONTANA RESIDENTS, 2019-2023



and more than a third of heart disease decedents were younger than this age (Table 2). Only decedents younger than 75 at the time of death are reflected in this figure. Unintentional injury (both motor-vehicle and non-motor-vehicle) and suicide comprised about nine percent of the deaths in these years but accounted for over a quarter of the total losses as measured by YPLL-75. This disparity in proportions points to the relatively large cost (in terms of length of life lost) of deaths from traumatic causes and emphasizes the many young people lost to such potentially preventable causes of death.

Measuring by median age at death, American Indians (AI) Montanans have lifespans shorter than whites by 15 to 18 years (Figure 9). Several causes of death demonstrated a greater impact on premature deaths among AI Montanans when considering YPLL-75 (Figure 33). Unintentional injury and suicide are still leading causes of premature deaths as seen among all premature deaths but chronic liver disease ranks much higher among AI communities. AI Montanans died at a younger median age than all racial groups for every cause of death listed in [Table D-7](#).

FIGURE 33. TOTAL YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75 BY CAUSE OF DEATH, AMERICAN INDIAN MONTANA RESIDENTS, 2019-2023

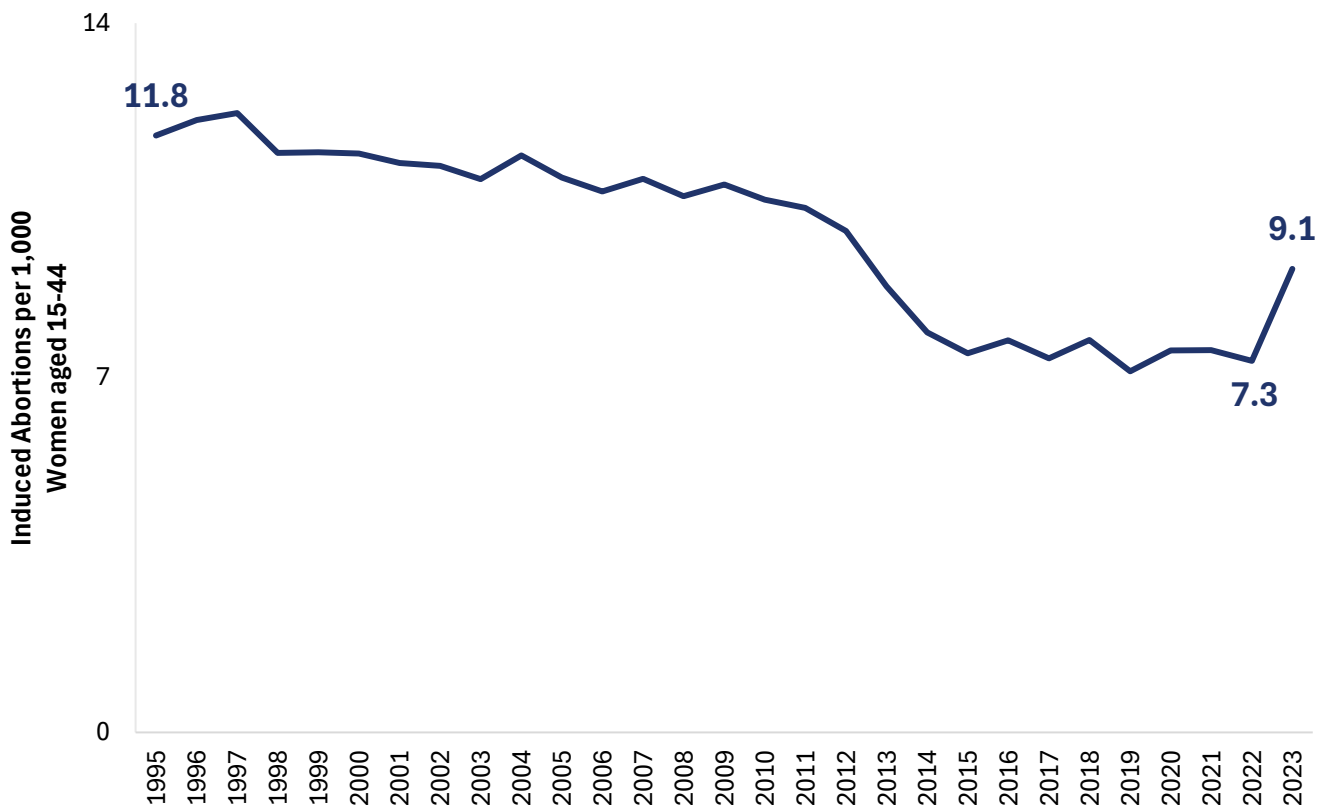


# Induced Abortion

There were 2,175 induced abortions performed in Montana in 2023 (Table S-1). Of those, 1,941 were performed on Montana residents (Table S-5). The rate of abortions performed in Montana has fallen steadily since 1995 but there was a large increase from 2022 (7.3 abortions per 1,000 women aged 15 to 44 years) to 2023 (9.1 per 1,000) (Figure 34). However, the abortion rate in 2023 was still lower than it was prior to the early 2010's.

Tables A-1 to A-6 include abortion statistics by age of patient, completed weeks of gestation, method, race, number of previous abortions, and number of previous live births.

FIGURE 34. RATE OF INDUCED ABORTION OCCURRING IN MONTANA AMONG MONTANA RESIDENTS, 1995–2023



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**Table S-1: Frequency and Rate or Ratio of Death, Live Birth, Fetal Death, Infant Death, Marriage, Marital Termination, and Induced Abortion by Year, Montana, 1975-2023**

Year	Estimated Midyear Population	Deaths		Live Births		Fetal Deaths		Infant Deaths		Marriages <sup>1</sup>		Marital Terminations <sup>1,2</sup>		Induced Abortions <sup>1</sup>
		Number	Rate*	Number	Rate*	Number	Ratio+	Number	Rate*	Number	Rate*	Number	Rate*	
2023	1,132,812	11,157	9.9	11,071	9.8	49	4.4	62	5.6	10,412	9.2	2,579	2.3	2,175
2022	1,122,867	11,665	10.4	11,174	10.0	49	4.4	52	4.7	11,148	9.9	2,251	2.0	1,702
2021	1,104,271	12,707	11.5	11,231	10.2	37	3.3	55	4.9	12,174	11.0	2,714	2.5	1,798
2020	1,086,193	12,027	11.1	10,794	9.9	41	3.8	56	5.2	11,228	10.3	2,539	2.3	1,675
2019	1,070,123	10,403	9.7	11,080	10.4	52	4.7	54	4.9	8,429	7.9	3,211	3.0	1,568
2018	1,061,818	9,991	9.4	11,515	10.8	40	3.5	55	4.8	8,191	7.7	3,222	3.0	1,674
2017	1,053,862	10,203	9.7	11,800	11.2	51	4.3	64	5.4	8,381	8.0	3,267	3.1	1,561
2016	1,042,137	9,902	9.5	12,274	11.8	53	4.3	73	5.9	8,167	7.8	3,237	3.1	1,618
2015	1,031,495	9,937	9.6	12,580	12.2	45	3.6	75	6.0	8,223	8.0	3,536	3.4	1,611
2014	1,022,657	9,345	9.1	12,431	12.2	52	4.2	68	5.5	8,037	7.9	3,529	3.5	1,690
2013	1,014,158	9,425	9.3	12,351	12.2	54	4.4	66	5.3	7,511	7.4	3,670	3.6	1,842
2012	1,004,168	8,873	8.8	12,052	12.0	57	4.7	71	5.9	7,850	7.8	3,937	3.9	2,031
2011	997,518	9,000	9.0	12,039	12.1	62	5.1	69	5.7	7,754	7.8	4,020	4.0	2,147
2010	990,730	8,803	8.9	12,058	12.2	52	4.3	71	5.9	7,335	7.4	3,909	3.9	2,160
2009	983,982	8,704	8.8	12,280	12.5	58	4.7	72	5.9	7,231	7.3	3,973	4.0	2,223
2008	976,415	8,897	9.1	12,595	12.9	39	3.1	87	6.9	7,467	7.6	3,382	3.5	2,125
2007	964,706	8,570	8.9	12,437	12.9	38	3.1	76	6.1	7,263	7.5	4,720	4.9	2,238
2006	952,692	8,434	8.9	12,499	13.1	49	3.9	70	5.6	7,055	7.4	4,176	4.4	2,119
2005	940,102	8,496	9.0	11,573	12.3	54	4.7	81	7.0	6,964	7.4	3,983	4.2	2,155
2004	930,009	8,079	8.7	11,514	12.4	40	3.5	53	4.6	6,946	7.5	3,516	3.8	2,256
2003	919,630	8,439	9.2	11,384	12.4	55	4.8	76	6.7	6,640	7.2	3,255	3.5	2,213
2002	911,667	8,479	9.3	11,045	12.1	51	4.6	81	7.3	6,514	7.1	3,634	4.0	2,249
2001	906,961	8,257	9.1	10,947	12.1	37	3.4	73	6.7	6,612	7.3	3,735	4.1	2,350
2000	903,773	8,075	8.9	10,946	12.1	47	4.3	63	5.8	6,870	7.6	3,694	4.1	2,441
1999	897,511	8,100	9.0	10,778	12.0	56	5.2	72	6.7	6,785	7.6	3,318	3.7	2,499
1998	892,431	7,985	8.9	10,789	12.1	65	6.0	83	7.7	6,436	7.2	3,698	4.1	2,573
1997	889,867	7,745	8.7	10,838	12.2	43	4.0	74	6.8	6,708	7.5	4,058	4.6	2,809
1996	886,256	7,696	8.7	10,840	12.2	56	5.2	75	6.9	6,609	7.5	4,238	4.8	2,763
1995	876,553	7,626	8.7	11,136	12.7	58	5.2	82	7.4	6,818	7.8	4,214	4.8	2,674
1994	861,306	7,342	8.5	11,062	12.8	45	4.1	82	7.4	7,088	8.2	4,196	4.9	2,761

**Table S-1**

Year	Estimated Midyear Population	Deaths		Live Births		Fetal Deaths		Infant Deaths		Marriages <sup>1</sup>		Marital Terminations <sup>1,2</sup>		Induced Abortions <sup>1</sup>
		Number	Rate*	Number	Rate*	Number	Ratio+	Number	Rate*	Number	Rate*	Number	Rate*	
1993	844,761	7,468	8.8	11,362	13.4	62	5.5	84	7.4	7,041	8.3	4,311	5.1	2,645
1992	825,770	7,073	8.6	11,468	13.9	69	6.0	85	7.4	7,189	8.7	4,223	5.1	2,869
1991	809,680	7,004	8.7	11,498	14.2	78	6.8	82	7.1	6,984	8.6	4,443	5.5	3,226
1990	800,204	6,837	8.5	11,602	14.5	67	5.8	107	9.2	6,924	8.7	4,049	5.1	3,365
1989	805,600	6,741	8.4	11,667	14.5	80	6.9	133	11.4	6,765	8.4	4,104	5.1	3,245
1988	805,000	6,759	8.4	11,682	14.5	92	7.9	100	8.6	6,784	8.4	4,063	5.0	2,866
1987	809,000	6,597	8.2	12,239	15.1	96	7.8	121	9.9	6,540	8.1	4,116	5.1	3,175
1986	819,000	6,738	8.2	12,728	15.5	95	7.5	122	9.6	6,739	8.2	4,307	5.3	3,295
1985	826,000	6,725	8.1	13,497	16.3	96	7.1	139	10.3	7,178	8.7	4,258	5.2	3,291
1984	824,000	6,698	8.1	14,141	17.2	110	7.8	125	8.8	7,659	9.3	4,355	5.3	3,618
1983	817,000	6,699	8.2	14,054	17.2	91	6.5	126	9.0	8,092	9.9	4,644	5.7	4,061
1982	801,000	6,625	8.3	14,538	18.1	93	6.4	147	10.1	8,185	10.2	4,612	5.8	4,175
1981	793,000	6,709	8.5	14,309	18.0	85	5.9	153	10.7	8,209	10.4	5,004	6.3	3,838
1980	786,690	6,664	8.5	14,208	18.1	104	7.3	176	12.4	8,336	10.6	4,940	6.3	3,471
1979	786,000	6,471	8.2	14,057	17.9	116	8.3	151	10.7	8,195	10.4	5,106	6.5	3,447
1978	785,000	6,484	8.3	13,545	17.3	110	8.1	155	11.4	8,136	10.4	4,877	6.2	3,092
1977	761,000	6,397	8.4	13,304	17.5	119	8.9	183	13.8	7,547	9.9	4,813	6.3	2,539
1976	753,000	6,733	8.9	12,605	16.7	104	8.3	209	16.6	7,390	9.8	4,850	6.4	1,803
1975	748,000	6,539	8.7	12,070	16.1	112	9.3	187	15.5	7,331	9.8	4,286	5.7	1,535

1 Marriages, marital terminations, and induced abortion tabulations by place of occurrence.

2 Marital termination data were collected by the Montana Office of Vital Records (OVR) through October of 1998 and by the Montana Judicial Branch thereafter. Data collected by the Judicial Branch are not strictly comparable to those collected by OVR and should be used with caution.

\* per 1,000 estimated midyear population.

+ per 1,000 live births

**Table S-2: Frequency of Live Births, Deaths, Fetal, Infant and Child Deaths by Race\*, Montana Residents, 2008 - 2023**

Year	Total					White					American Indian				
	Live Births	Deaths	Child Deaths**	Infant Deaths	Fetal Deaths	Live Births	Deaths	Child Deaths**	Infant Deaths	Fetal Deaths	Live Births	Deaths	Child Deaths**	Infant Deaths	Fetal Deaths
2023	11,071	11,157	69	62	49	9,723	10,280	53	47	40	1,184	818	16	16	10
2022	11,174	11,665	72	52	49	9,774	10,645	46	40	42	1,205	908	21	11	7
2021	11,231	12,707	94	55	37	9,826	11,533	78	48	28	1,212	1,067	15	8	8
2020	10,794	12,027	71	56	41	9,313	10,883	48	36	33	1,323	1,061	20	15	10
2019	11,080	10,403	59	54	52	9,514	9,554	46	39	44	1,419	805	13	15	8
2018	11,515	9,991	60	55	40	9,896	9,208	37	43	31	1,462	711	22	13	6
2017	11,800	10,203	43	64	51	10,078	9,407	27	45	41	1,558	724	12	19	12
2016	12,274	9,902	70	73	53	10,424	9,208	59	53	44	1,670	632	11	21	5
2015	12,580	9,937	77	75	45	10,707	9,174	67	56	38	1,650	690	15	18	8
2014	12,431	9,345	51	68	52	10,507	8,640	36	49	38	1,699	604	10	18	15
2013	12,351	9,425	52	66	62	10,554	8,688	40	46	48	1,608	562	9	18	12
2012	12,052	8,873	51	71	66	10,285	8,195	42	55	56	1,473	565	9	18	11
2011	12,039	9,000	63	69	65	10,256	8,406	51	57	55	1,585	514	10	13	9
2010	12,058	8,803	78	71	57	10,345	8,207	56	56	50	1,478	475	20	10	5
2009	12,280	8,704	65	72	66	10,447	8,138	49	54	60	1,621	512	15	19	5
2008	12,595	8,897	59	87	44	10,694	8,335	50	74	34	1,657	499	8	15	9

\* Race groups include all individuals who identified as that race even if they also identified as another race. As such, some individuals are counted in multiple race categories. Any racial category may include "Hispanic"; Live birth and fetal deaths are shown by race of the mother.

\*\* Ages 1-17 years, inclusive.

† Frequency is fewer than five.

**Table S-3 : Live Birth and Death Frequencies and Rates by Sex and County, Montana, 2023**

County	Live Births, Total		Live Births, Male		Live Births, Female		Deaths, Total		Deaths, Male		Deaths, Female	
	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Age-Adj Rate <sup>2</sup>	Number	Age-Adj Rate <sup>2</sup>	Number	Age-Adj Rate <sup>2</sup>
Montana Total	11,071	9.8	5,645	9.8	5,426	9.7	11,156	752.1	5,926	857.6	5,230	652.8
Big Horn	185	14.5	96	15.2	89	13.8	126	1,059.2	82	1,450.8	44	702.7
Blaine	79	11.5	41	11.7	38	11.2	74	914.4	42	1,092.5	32	778.0
Broadwater	75	9.3	30	7.2	45	11.7	73	692.7	42	822.9	31	571.9
Carbon	102	8.9	52	8.9	50	9.0	94	500.7	61	659.9	33	326.9
Carter	20	14.1	13	‡	7	‡	16	533.1	10	‡	6	‡
Cascade	916	10.8	477	11.1	439	10.5	997	845.9	501	948.5	496	757.1
Chouteau	42	7.2	25	8.5	17	5.8	68	769.6	39	953.4	29	603.4
Custer	131	10.9	73	12.1	58	9.8	131	783.4	78	1,092.5	53	543.5
Daniels	18	11.0	9	‡	9	‡	20	547.7	11	‡	9	‡
Dawson	107	12.2	56	12.2	51	12.1	112	868.2	62	1,220.9	50	646.9
Deer Lodge	85	8.8	40	7.8	45	9.9	129	773.3	65	770.3	64	768.6
Fallon	39	13.0	22	14.5	17	11.5	23	561.1	5	‡	18	795.0
Fergus	129	11.0	68	11.4	61	10.5	152	788.4	78	909.6	74	685.9
Flathead	1,143	10.1	585	10.3	558	9.9	1,072	722.4	563	812.4	509	636.4
Gallatin	1,214	9.6	604	9.1	610	10.1	680	596.6	365	660.8	315	528.7
Garfield	15	‡	8	‡	7	‡	15	‡	6	‡	9	‡
Glacier	177	13.0	82	12.4	95	13.6	165	1,231.8	87	1,406.6	78	1,077.9
Golden Valley	14	‡	6	‡	8	‡	17	1,003.4	11	‡	6	‡
Granite	24	6.7	17	9.1	7	‡	37	490.3	20	500.8	17	452.3
Hill	216	13.3	110	13.4	106	13.2	175	974.8	90	1,059.3	85	888.8
Jefferson	93	7.1	48	7.3	45	7.0	140	800.3	87	953.2	53	651.7
Judith Basin	21	10.0	11	‡	10	‡	18	516.4	9	‡	9	‡
Lake	298	8.9	154	9.3	144	8.6	391	805.1	209	898.2	182	715.8
Lewis And Clark	667	8.9	340	9.1	327	8.7	704	709.4	374	833.4	330	603.3
Liberty	15	‡	7	‡	8	‡	21	484.8	8	‡	13	‡
Lincoln	182	8.3	98	8.9	84	7.8	305	811.2	177	972.1	128	655.4
Madison	75	7.9	42	8.5	33	7.2	91	580.4	49	638.2	42	523.6
McCone	21	12.5	11	‡	10	‡	15	‡	6	‡	9	‡
Meagher	21	10.1	11	‡	10	‡	20	603.8	14	‡	6	‡
Mineral	39	7.7	19	7.2	20	8.2	63	738.9	31	711.2	32	754.4

**Table S-3**

County	Live Births, Total		Live Births, Male		Live Births, Female		Deaths, Total		Deaths, Male		Deaths, Female	
	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Age-Adj Rate <sup>2</sup>	Number	Age-Adj Rate <sup>2</sup>	Number	Age-Adj Rate <sup>2</sup>
Missoula	1,007	8.3	519	8.5	488	8.1	952	705.5	508	803.7	444	610.9
Musselshell	60	11.3	34	12.5	26	10.0	64	795.3	35	878.1	29	700.9
Park	157	8.8	72	8.0	85	9.6	179	648.1	99	806.5	80	505.2
Petroleum	5	‡	3	‡	2	‡	3	‡	2	‡	1	‡
Phillips	33	7.8	21	9.8	12	‡	47	775.1	26	917.9	21	650.1
Pondera	67	10.9	28	9.1	39	12.8	90	1,044.5	49	1,276.8	41	876.3
Powder River	24	13.8	15	‡	9	‡	17	475.2	11	‡	6	‡
Powell	56	7.9	30	6.6	26	10.0	91	882.3	54	944.7	37	781.5
Prairie	7	‡	3	‡	4	‡	13	‡	8	‡	5	‡
Ravalli	383	8.0	193	8.1	190	8.0	529	701.6	271	771.9	258	631.6
Richland	127	11.4	62	10.6	65	12.2	98	719.4	43	639.2	55	800.3
Roosevelt	152	14.7	68	13.1	84	16.4	117	1,242.9	48	1,038.3	69	1,375.8
Rosebud	111	13.6	65	16.0	46	11.3	91	1,010.3	52	1,216.8	39	798.1
Sanders	119	8.7	59	8.4	60	9.0	160	626.6	91	696.8	69	562.8
Sheridan	29	8.3	13	‡	16	9.6	51	852.8	28	1,000.6	23	766.1
Silver Bow	293	8.1	156	8.4	137	7.7	438	925.3	236	1,112.5	202	764.0
Stillwater	82	8.9	41	8.8	41	9.1	86	595.3	42	590.3	44	585.3
Sweet Grass	35	9.3	12	‡	23	12.5	35	607.3	20	773.8	15	‡
Teton	74	11.5	36	11.4	38	11.7	77	719.9	39	734.8	38	714.1
Toole	46	9.0	31	10.3	15	‡	49	748.5	29	962.3	20	570.0
Treasure	4	‡	4	‡	0	‡	8	‡	6	‡	2	‡
Valley	66	8.8	30	8.0	36	9.7	106	815.9	58	960.6	48	687.6
Wheatland	19	9.2	10	‡	9	‡	19	584.8	11	‡	8	‡
Wibaux	6	‡	2	‡	4	‡	22	1,415.9	7	‡	15	‡
Yellowstone	1,852	10.8	940	11.1	912	10.6	1,753	817.1	899	952.3	854	705.9

1 per 1,000 estimated midyear population.

2 per 100,000 estimated midyear population, age-adjusted to the 2000 standard population using 19 age groups.

‡ Figure does not meet standards of reliability or precision. See "Limitations of Small Numbers" in the "Technical Overview" section.

**Table S-4: Frequencies and Rates of Leading Causes of Death by County, Montana, 2019-2023**

County	Heart Disease		Cancer		Unintentional Injury		COVID-19		Chronic Lower Respiratory Diseases		Stroke		Alzheimer's Disease		Diabetes		Suicide		Chronic Liver Disease and Cirrhosis	
	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*
Montana Total	12,244	164.3	10,818	140.5	3,809	63.2	3,382	45.7	3,286	42.5	2,114	29.0	1,682	23.4	1,601	21.8	1,576	27.9	1,262	20.2
Beaverhead	117	143.3	103	129.4	28	46.2	32	40.0	36	43.4	24	32.1	22	28.3	16	20.0	7	‡	5	‡
Big Horn	137	223.2	112	171.2	102	175.0	99	148.4	26	40.6	20	33.7	13	‡	27	45.3	24	39.9	57	106.5
Blaine	82	199.1	61	149.2	27	86.0	37	87.0	12	‡	12	‡	6	‡	18	47.6	23	71.6	18	65.5
Broadwater	94	182.4	64	106.9	24	56.6	26	47.6	16	30.3	9	‡	6	‡	7	‡	9	‡	1	‡
Carbon	116	118.2	105	104.4	37	55.5	28	28.6	32	31.8	26	25.4	26	27.6	17	15.7	18	37.2	8	‡
Carter	31	210.7	18	146.8	7	‡	2	‡	3	‡	2	‡	1	‡	6	‡	1	‡	0	‡
Cascade	874	145.7	867	143.6	279	59.4	340	58.6	425	68.7	127	21.2	148	23.7	178	32.1	127	30.1	111	22.4
Chouteau	55	118.0	64	133.0	24	77.2	17	40.4	21	47.9	8	‡	10	‡	15	‡	5	‡	6	‡
Custer	166	186.4	130	141.3	48	73.7	47	53.9	48	54.0	21	21.7	4	‡	40	43.3	11	‡	9	‡
Daniels	18	98.6	16	92.0	6	‡	4	‡	14	‡	4	‡	7	‡	4	‡	1	‡	0	‡
Dawson	82	121.5	99	153.1	31	53.9	50	70.7	23	33.4	29	44.4	5	‡	17	24.6	11	‡	10	‡
Deer Lodge	145	183.2	104	126.7	39	73.5	28	41.4	61	72.4	22	31.5	9	‡	15	‡	23	47.0	16	23.7
Fallon	31	154.1	27	137.2	4	‡	10	‡	18	85.6	6	‡	1	‡	7	‡	3	‡	1	‡
Fergus	176	182.0	147	143.0	56	83.2	49	49.7	58	56.1	43	43.6	25	25.1	18	17.4	16	24.4	7	‡
Flathead	1,169	160.5	1,064	138.0	355	60.5	274	37.6	272	35.3	203	28.5	133	19.9	127	17.0	146	27.5	133	19.9
Gallatin	741	141.8	671	117.9	221	38.9	126	23.6	110	20.9	134	26.2	173	36.0	47	8.6	134	21.5	33	5.1
Garfield	18	180.0	13	‡	3	‡	2	‡	6	‡	4	‡	2	‡	3	‡	0	‡	1	‡
Glacier	142	216.5	118	163.3	61	98.0	75	110.2	42	62.5	21	33.0	10	‡	37	58.8	26	41.1	54	88.0
Golden Valley	19	214.9	17	177.2	4	‡	4	‡	5	‡	1	‡	1	‡	1	‡	2	‡	1	‡
Granite	46	125.5	32	87.4	18	98.6	8	‡	2	‡	4	‡	3	‡	9	‡	3	‡	1	‡
Hill	236	258.7	161	170.3	56	67.2	70	73.8	35	36.8	42	44.8	4	‡	18	19.2	24	35.3	26	31.4
Jefferson	173	207.1	167	174.5	42	61.9	28	31.1	42	45.3	23	29.8	13	‡	28	30.2	23	38.2	13	‡
Judith Basin	19	95.6	25	131.6	7	‡	2	‡	2	‡	3	‡	3	‡	3	‡	2	‡	2	‡
Lake	378	152.7	400	153.5	141	86.9	105	41.3	96	35.7	62	26.3	22	8.9	41	17.4	49	31.3	44	25.0
Lewis And Clark	731	151.8	725	144.2	201	50.4	191	39.2	237	47.4	162	35.6	130	27.8	99	21.1	86	23.4	71	15.5
Liberty	31	136.6	15	‡	4	‡	3	‡	8	‡	5	‡	6	‡	3	‡	0	‡	2	‡
Lincoln	359	185.7	305	151.1	85	75.7	86	47.4	80	37.2	63	31.6	19	10.7	37	22.3	33	26.7	25	17.7
Madison	121	144.3	95	115.2	23	38.5	29	32.7	37	41.4	20	23.3	18	22.5	17	19.9	12	‡	9	‡
McCone	13	‡	10	‡	9	‡	10	‡	5	‡	4	‡	1	‡	4	‡	0	‡	0	‡

**Table S-4**

County	Heart Disease		Cancer		Unintentional Injury		COVID-19		Chronic Lower Respiratory Diseases		Stroke		Alzheimer's Disease		Diabetes		Suicide		Chronic Liver Disease and Cirrhosis	
	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*
Meagher	29	155.1	21	96.3	8	‡	12	‡	6	‡	2	‡	1	‡	5	‡	1	‡	3	‡
Mineral	81	175.9	81	169.0	12	‡	16	42.8	19	40.8	12	‡	3	‡	6	‡	10	‡	5	‡
Missoula	1,163	172.8	888	126.7	336	54.5	186	27.3	235	33.8	185	28.3	247	40.2	85	12.6	151	23.9	94	14.4
Musselshell	77	202.3	64	146.7	27	86.5	30	72.4	15	‡	4	‡	10	‡	9	‡	13	‡	2	‡
Park	180	131.5	219	149.3	73	74.2	35	24.1	51	33.4	26	19.5	50	37.5	35	23.8	37	38.0	27	24.1
Petroleum	7	‡	7	‡	0	‡	2	‡	3	‡	2	‡	0	‡	0	‡	0	‡	1	‡
Phillips	55	155.1	48	139.7	14	‡	30	94.0	20	58.7	5	‡	1	‡	15	‡	7	‡	5	‡
Pondera	79	156.4	73	162.4	27	86.2	8	‡	22	44.0	11	‡	3	‡	30	66.0	10	‡	9	‡
Powder River	23	124.3	20	127.7	5	‡	8	‡	6	‡	4	‡	1	‡	1	‡	4	‡	0	‡
Powell	91	180.0	78	143.9	29	66.9	27	49.3	45	83.0	16	33.1	6	‡	8	‡	21	52.6	6	‡
Prairie	15	‡	21	161.8	2	‡	4	‡	4	‡	5	‡	3	‡	7	‡	2	‡	1	‡
Ravalli	583	148.8	594	143.1	164	56.2	197	50.7	151	37.3	121	32.3	109	29.3	59	15.2	77	29.6	53	16.2
Richland	116	174.3	107	155.7	34	54.6	41	63.1	19	26.8	27	42.2	5	‡	13	‡	12	‡	7	‡
Roosevelt	118	256.1	106	209.4	76	157.9	75	156.7	25	51.4	28	61.2	6	‡	57	120.9	21	43.8	74	164.4
Rosebud	93	197.7	75	156.2	62	149.2	59	121.1	29	60.5	18	38.1	2	‡	32	67.6	20	47.9	30	89.3
Sanders	180	144.9	207	161.2	63	78.9	59	44.2	60	42.9	37	29.9	24	18.8	55	39.6	32	48.1	14	‡
Sheridan	37	118.4	62	198.3	25	100.0	13	‡	13	‡	9	‡	8	‡	8	‡	5	‡	9	‡
Silver Bow	634	256.2	389	152.3	154	78.4	123	51.5	163	64.3	68	28.9	79	33.1	41	17.1	67	38.9	45	22.1
Stillwater	113	148.5	92	114.5	33	62.0	32	42.9	34	44.8	19	26.1	19	28.4	9	‡	11	‡	4	‡
Sweet Grass	52	134.9	38	113.5	12	‡	13	‡	6	‡	13	‡	2	‡	13	‡	5	‡	1	‡
Teton	95	171.0	69	119.1	35	88.0	23	45.3	24	42.1	11	‡	11	‡	13	‡	10	‡	4	‡
Toole	60	177.0	54	166.5	16	58.4	21	69.9	16	49.8	16	49.9	2	‡	11	‡	2	‡	8	‡
Treasure	10	‡	12	‡	1	‡	2	‡	3	‡	1	‡	1	‡	1	‡	0	‡	1	‡
Valley	137	196.7	94	144.6	43	90.7	40	60.4	20	26.0	17	25.3	10	‡	10	‡	10	‡	9	‡
Wheatland	33	188.9	25	164.5	10	‡	10	‡	7	‡	8	‡	0	‡	3	‡	4	‡	0	‡
Wibaux	25	291.4	17	203.2	6	‡	6	‡	3	‡	9	‡	1	‡	5	‡	0	‡	1	‡
Yellowstone	1,828	169.1	1,616	148.2	594	65.9	526	49.8	514	46.8	335	32.1	257	23.7	211	20.0	224	26.2	185	19.3

\*Age-adjusted rate per 100,000 estimated midyear population, age-adjusted to the 2000 standard population using 19 age groups.

‡ Figure does not meet standards of reliability or precision. See "Limitations of Small Numbers" in the "Technical Overview" section.

**Table S-5: Frequency and Age-Specific Rate\* of Reportable Pregnancy Outcomes\*\* by Year and Age of Patient, Montana Residents, 2000-2023**

Year			All Ages	Younger Than 20	20-24	25-29	30-34	35 And Older
2023	Live Births	Number	11,071	400	1,934	3,360	3,371	2,006
		Rate*	52.2	11.9	55.0	97.0	91.0	28.0
	Fetal Deaths	Number	49	†	10	12	19	7
		Rate*	0.2	‡	‡	‡	0.5	‡
	Induced Abortions	Number	1,941	219	612	450	366	294
		Rate*	9.2	6.5	17.4	13.0	9.9	4.1
2022	Live Births	Number	11,174	405	2,046	3,355	3,411	1,957
		Rate*	53.2	12.3	55.5	97.2	94.4	28.0
	Fetal Deaths	Number	49	†	9	15	19	†
		Rate*	0.2	‡	‡	‡	0.5	‡
	Induced Abortions	Number	1,537	180	438	393	287	239
		Rate*	7.3	5.4	11.9	11.3	7.9	3.4
2021	Live Births	Number	11,231	448	2,046	3,447	3,405	1,883
		Rate*	54.7	13.7	59.0	99.6	97.3	27.5
	Fetal Deaths	Number	37	†	10	9	8	7
		Rate*	0.1	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,546	172	463	398	293	220
		Rate*	7.5	5.2	13.3	11.5	8.3	3.2
2020	Live Births	Number	10,794	414	2,109	3,270	3,187	1,814
		Rate*	54.0	12.9	62.2	95.7	94.6	27.5
	Fetal Deaths	Number	41	†	5	11	17	6
		Rate*	0.2	‡	‡	‡	0.5	‡
	Induced Abortions	Number	1,498	177	414	402	269	236
		Rate*	7.5	5.5	12.2	11.7	7.9	3.5
2019	Live Births	Number	11,080	505	2,243	3,508	3,039	1,785
		Rate*	56.4	16.3	65.8	101.1	92.4	28.0
	Fetal Deaths	Number	52	†	15	12	16	7
		Rate*	0.2	‡	‡	‡	0.4	‡
	Induced Abortions	Number	1,398	144	415	395	235	209
		Rate*	7.1	4.6	12.1	11.3	7.1	3.2
2018	Live Births	Number	11,515	532	2,411	3,638	3,232	1,701
		Rate*	59.4	17.3	70.4	105.3	99.4	27.5
	Fetal Deaths	Number	40	†	9	15	11	†
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,501	169	429	424	276	201
		Rate*	7.7	5.5	12.5	12.2	8.4	3.2
2017	Live Births	Number	11,800	654	2,527	3,622	3,255	1,742
		Rate*	61.5	21.3	72.7	107.2	100.5	28.9
	Fetal Deaths	Number	51	†	13	11	13	10
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,415	168	443	387	206	208
		Rate*	7.3	5.4	12.7	11.4	6.3	3.4



Table S-5

Year			All Ages	Younger Than 20	20-24	25-29	30-34	35 And Older
2016	Live Births	Number	12,274	726	2,704	3,858	3,248	1,738
		Rate*	65.0	23.8	77.3	118.5	100.5	29.7
	Fetal Deaths	Number	53	5	10	14	10	14
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,460	154	467	361	249	226
		Rate*	7.7	5.0	13.3	11.0	7.7	3.8
2015	Live Births	Number	12,580	777	2,866	3,915	3,375	1,647
		Rate*	67.3	25.6	81.5	123.7	104.9	28.6
	Fetal Deaths	Number	45	6	7	8	14	10
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,397	176	439	370	233	178
		Rate*	7.4	5.8	12.4	11.6	7.2	3.0
2014	Live Births	Number	12,431	813	2,928	3,918	3,232	1,539
		Rate*	67.0	26.7	83.0	126.0	101.1	27.1
	Fetal Deaths	Number	52	†	18	17	8	7
		Rate*	0.2	‡	0.5	0.5	‡	‡
	Induced Abortions	Number	1,464	197	498	378	220	171
		Rate*	7.8	6.4	14.1	12.1	6.8	3.0
2013	Live Births	Number	12,351	859	3,165	3,877	2,988	1,462
		Rate*	67.0	27.8	90.5	125.8	95.3	25.9
	Fetal Deaths	Number	54	†	7	20	15	9
		Rate*	0.2	‡	‡	0.6	‡	‡
	Induced Abortions	Number	1,622	227	536	389	265	205
		Rate*	8.8	7.3	15.3	12.6	8.4	3.6
2012	Live Births	Number	12,052	896	3,066	3,728	2,923	1,439
		Rate*	66.1	28.8	89.6	121.2	96.0	25.8
	Fetal Deaths	Number	57	8	17	15	9	8
		Rate*	0.3	‡	0.4	‡	‡	‡
	Induced Abortions	Number	1,802	270	624	429	262	217
		Rate*	9.8	8.7	18.2	13.9	8.6	3.8
2011	Live Births	Number	12,039	935	3,206	3,725	2,848	1,324
		Rate*	66.4	29.4	96.1	120.0	95.8	23.9
	Fetal Deaths	Number	62	11	14	18	8	10
		Rate*	0.3	‡	‡	0.5	‡	‡
	Induced Abortions	Number	1,875	304	654	433	270	214
		Rate*	10.3	9.5	19.6	13.9	9.0	3.8
2010	Live Births	Number	12,058	1,141	3,137	3,624	2,772	1,383
		Rate*	67.0	35.5	96.7	116.7	96.4	24.8
	Fetal Deaths	Number	52	10	11	12	13	6
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,892	308	675	443	244	222
		Rate*	10.5	9.5	20.8	14.2	8.4	3.9

**Table S-5**

Year			All Ages	Younger Than 20	20-24	25-29	30-34	35 And Older
2009	Live Births	Number	12,280	1,267	3,318	3,769	2,624	1,302
		Rate*	68.2	38.4	102.5	123.9	94.0	23.1
	Fetal Deaths	Number	58	7	10	14	15	11
		Rate*	0.3	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,946	363	659	471	241	212
		Rate*	10.8	11.0	20.3	15.4	8.6	3.7
2008	Live Births	Number	12,595	1,321	3,458	3,884	2,605	1,327
		Rate*	69.5	39.2	105.3	131.1	96.8	22.8
	Fetal Deaths	Number	39	9	†	5	6	15
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,916	370	688	427	240	190
		Rate*	10.5	10.9	20.9	14.4	8.9	3.2
2007	Live Births	Number	12,437	1,207	3,486	3,756	2,555	1,433
		Rate*	68.7	35.4	106.0	132.0	98.2	24.0
	Fetal Deaths	Number	38	6	†	12	7	9
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,977	374	732	423	224	224
		Rate*	10.9	10.9	22.2	14.8	8.6	3.7
2006	Live Births	Number	12,499	1,289	3,528	3,728	2,515	1,439
		Rate*	69.1	37.7	103.9	141.9	97.3	23.7
	Fetal Deaths	Number	49	6	9	13	10	11
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	1,930	375	722	406	209	217
		Rate*	10.6	10.9	21.2	15.4	8.0	3.5
2005	Live Births	Number	11,573	1,201	3,314	3,318	2,370	1,368
		Rate*	63.9	34.9	98.8	132.3	90.4	22.1
	Fetal Deaths	Number	54	†	18	17	8	10
		Rate*	0.2	‡	0.5	0.6	‡	‡
	Induced Abortions	Number	1,981	428	691	385	263	213
		Rate*	10.9	12.4	20.6	15.3	10.0	3.4
2004	Live Births	Number	11,514	1,225	3,327	3,233	2,398	1,331
		Rate*	63.6	35.6	102.2	132.4	91.4	21.0
	Fetal Deaths	Number	40	†	8	11	10	7
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	2,061	414	722	441	226	257
		Rate*	11.3	12.0	22.1	18.0	8.6	4.0
2003	Live Births	Number	11,384	1,211	3,124	3,259	2,435	1,353
		Rate*	62.8	34.9	98.9	138.4	92.5	20.7
	Fetal Deaths	Number	55	7	17	13	9	9
		Rate*	0.3	‡	0.5	‡	‡	‡
	Induced Abortions	Number	1,979	432	677	412	227	227
		Rate*	10.9	12.4	21.4	17.5	8.6	3.4

**Table S-5**

Year			All Ages	Younger Than 20	20-24	25-29	30-34	35 And Older
2002	Live Births	Number	11,045	1,277	3,155	3,028	2,319	1,263
		Rate*	60.7	36.6	104.4	130.8	88.0	18.7
	Fetal Deaths	Number	51	†	17	11	13	6
		Rate*	0.2	‡	0.5	‡	‡	‡
	Induced Abortions	Number	2,035	455	679	381	269	251
		Rate*	11.1	13.0	22.4	16.4	10.2	3.7
2001	Live Births	Number	10,947	1,266	3,094	2,948	2,315	1,315
		Rate*	59.6	35.8	107.8	125.0	88.2	18.8
	Fetal Deaths	Number	37	5	9	8	8	5
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	2,063	476	697	351	260	272
		Rate*	11.2	13.4	24.3	14.8	9.9	3.8
2000	Live Births	Number	10,946	1,273	3,067	3,051	2,190	1,365
		Rate*	59.0	36.7	108.7	124.6	83.8	18.9
	Fetal Deaths	Number	47	9	14	11	8	5
		Rate*	0.2	‡	‡	‡	‡	‡
	Induced Abortions	Number	2,118	490	740	370	253	264
		Rate*	11.4	14.1	26.2	15.1	9.6	3.6

\* Per 1,000 females in the designated age group. Female population aged 15-44 is used as the denominator for the total.

\*\* These events are the only pregnancy outcomes reported in Montana. Thus, this table does not include induced abortions performed outside Montana on Montana residents or early fetal deaths (when the fetus weighed less than 350 grams or the gestation was less than 20 weeks).

† Frequency is fewer than five.

‡ Figure does not meet standards of reliability or precision. See "Limitations of Small Numbers" in the [Technical Overview](#).

**Table P-1: Midyear Population Estimates by Detailed Race\*, Year, and County, Montana, 2019-2023**

County	All Races					White			American Indian/Alaska Native		
	2019	2020	2021	2022	2023	2021	2022	2023	2021	2022	2023
Montana Total	1,070,123	1,080,577	1,106,366	1,122,878	1,132,812	1,013,976	1,029,105	1,038,070	92,245	93,159	93,884
Beaverhead	9,474	9,483	9,553	9,747	9,885	9,180	9,357	9,495	330	329	320
Big Horn	13,248	13,063	12,893	12,826	12,751	4,125	4,098	4,087	8,920	8,889	8,817
Blaine	6,704	6,568	7,003	6,972	6,899	3,344	3,384	3,381	3,741	3,657	3,587
Broadwater	6,203	6,444	7,323	7,771	8,032	7,115	7,549	7,806	208	192	202
Carbon	10,703	10,921	10,889	11,236	11,419	10,567	10,873	11,028	265	281	312
Carter	1,245	1,235	1,413	1,403	1,418	1,391	1,383	1,394	25	26	30
Cascade	81,393	81,346	84,551	85,001	84,900	77,782	78,200	78,011	6,088	6,109	6,144
Chouteau	5,681	5,699	5,921	5,908	5,847	4,792	4,795	4,745	1,151	1,128	1,128
Custer	11,361	11,292	11,961	12,000	11,985	11,452	11,481	11,450	492	518	549
Daniels	1,646	1,638	1,671	1,645	1,633	1,610	1,580	1,564	77	71	84
Dawson	8,638	8,555	8,858	8,807	8,810	8,538	8,471	8,469	318	329	359
Deer Lodge	9,207	9,204	9,518	9,544	9,673	9,116	9,127	9,255	461	472	482
Fallon	2,878	2,826	3,011	3,050	2,994	2,940	2,966	2,909	61	66	67
Fergus	11,032	11,104	11,622	11,672	11,772	11,288	11,333	11,418	348	361	377
Flathead	103,880	105,851	108,769	111,885	113,679	105,760	108,598	110,206	3,182	3,298	3,396
Gallatin	114,472	116,806	123,098	124,938	126,409	118,830	120,467	121,822	2,571	2,696	2,735
Garfield	1,272	1,268	1,208	1,218	1,211	1,190	1,200	1,192	20	17	18
Glacier	13,701	13,594	13,724	13,650	13,609	4,663	4,633	4,639	9,314	9,252	9,178
Golden Valley	827	827	815	826	835	780	792	794	38	33	32
Granite	3,335	3,317	3,360	3,497	3,595	3,290	3,423	3,518	85	86	93
Hill	16,494	16,358	16,220	16,118	16,276	12,001	11,876	11,888	4,386	4,378	4,499
Jefferson	12,211	12,360	12,468	12,831	13,048	12,058	12,406	12,616	494	508	511
Judith Basin	2,010	1,994	2,038	2,079	2,093	2,004	2,042	2,056	30	31	31
Lake	30,586	30,986	32,090	32,853	33,338	24,003	24,683	25,152	9,568	9,700	9,736
Lewis And Clark	69,578	70,229	72,507	73,784	75,011	69,840	71,046	72,141	2,846	2,841	2,951
Liberty	2,386	2,369	1,933	1,974	1,974	1,896	1,934	1,918	42	48	49
Lincoln	20,099	20,343	20,582	21,510	21,895	20,058	20,913	21,292	712	802	812
McCone	1,649	1,648	1,709	1,711	1,676	1,672	1,673	1,635	38	37	36
Madison	8,749	8,959	8,953	9,252	9,521	8,770	9,060	9,294	180	220	226

**Table P-1**

County	All Races					White			American Indian/Alaska Native		
	2019	2020	2021	2022	2023	2021	2022	2023	2021	2022	2023
Meagher	1,841	1,831	1,958	2,026	2,071	1,922	1,976	2,013	37	49	50
Mineral	4,422	4,544	4,859	5,020	5,090	4,684	4,823	4,884	194	232	235
Missoula	120,066	121,630	119,841	121,011	121,849	113,171	114,398	115,281	5,640	5,669	5,656
Musselshell	4,626	4,669	4,908	5,169	5,308	4,697	4,939	5,068	169	187	196
Park	16,612	16,760	17,515	17,753	17,903	17,098	17,319	17,447	477	476	487
Petroleum	497	500	518	521	554	506	510	542	13	14	14
Phillips	3,955	3,919	4,210	4,228	4,249	3,787	3,779	3,796	515	552	553
Pondera	5,858	5,782	6,018	6,092	6,125	5,033	5,087	5,111	1,003	1,034	1,038
Powder River	1,688	1,681	1,710	1,732	1,743	1,669	1,685	1,684	58	63	75
Powell	6,854	6,817	7,025	7,078	7,133	6,480	6,551	6,582	497	495	506
Prairie	1,064	1,067	1,097	1,108	1,112	1,068	1,079	1,084	34	45	43
Ravalli	44,149	45,002	46,084	47,177	47,738	44,934	45,936	46,425	1,260	1,335	1,382
Richland	10,943	11,043	11,329	11,230	11,173	10,853	10,756	10,708	486	494	501
Roosevelt	11,027	10,964	10,788	10,537	10,319	4,101	3,994	3,857	6,867	6,701	6,608
Rosebud	8,955	8,836	8,086	8,152	8,160	4,731	4,833	4,853	3,307	3,282	3,289
Sanders	11,946	12,157	12,944	13,384	13,684	12,308	12,735	13,002	774	793	840
Sheridan	3,318	3,261	3,576	3,555	3,498	3,442	3,413	3,364	144	158	158
Silver Bow	34,901	35,180	35,502	35,947	36,360	34,098	34,456	34,838	1,426	1,474	1,500
Stillwater	9,671	9,888	9,024	9,169	9,173	8,793	8,926	8,920	248	245	255
Sweet Grass	3,717	3,684	3,702	3,727	3,763	3,605	3,627	3,663	91	84	99
Teton	6,150	6,249	6,275	6,346	6,430	6,062	6,117	6,186	210	217	244
Toole	4,709	4,686	4,992	5,077	5,133	4,575	4,609	4,663	386	421	418
Treasure	697	695	768	754	772	739	723	741	28	31	37
Valley	7,390	7,359	7,560	7,542	7,474	6,786	6,745	6,701	795	805	800
Wheatland	2,102	2,157	2,042	2,038	2,057	1,971	1,963	1,984	83	78	81
Wibaux	954	939	936	927	910	906	902	883	20	19	27
Yellowstone	161,349	162,990	167,438	169,870	170,843	155,902	157,881	158,615	11,492	11,831	12,031

\* Race groups include all individuals who identified as that race even if they also identified as another race. As such, some individuals are counted in multiple race categories. Any racial category may include "Hispanic".

**Table B-1: Frequency and Percent\* Distribution of Live Births by Infant's Sex, Plurality, and Parity, Montana Residents, 2015-2023**

	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Montana Total	12,580	100.0%	12,274	100.0%	11,800	100.0%	11,515	100.0%	11,080	100.0%	10,794	100.0%	11,231	100.0%	11,174	100.0%	11,071	100.0%
<b>Sex</b>																		
Male	6,389	50.7%	6,299	51.3%	6,036	51.1%	5,905	51.2%	5,615	50.6%	5,552	51.4%	5,757	51.2%	5,722	51.2%	5,645	50.9%
Female	6,191	49.2%	5,975	48.6%	5,764	48.8%	5,610	48.7%	5,465	49.3%	5,242	48.5%	5,474	48.7%	5,452	48.7%	5,426	49.0%
<b>Plurality</b>																		
Single	12,142	96.5%	11,889	96.8%	11,414	96.7%	11,184	97.1%	10,752	97.0%	10,463	96.9%	10,913	97.1%	10,832	96.9%	10,731	96.9%
Twins	432	3.4%	379	3.0%	382	3.2%	320	2.7%	322	2.9%	320	2.9%	306	2.7%	333	2.9%	335	3.0%
Triplets Or	6	< 0.1%	6	< 0.1%	3	< 0.1%	9	< 0.1%	6	< 0.1%	10	< 0.1%	10	< 0.1%	9	< 0.1%	5	< 0.1%
<b>Parity</b>																		
First Birth	4,680	37.2%	4,510	36.7%	4,392	37.2%	4,134	35.9%	4,068	36.7%	4,021	37.2%	4,329	38.5%	4,408	39.4%	4,438	40.0%
Second Birth	3,876	30.8%	3,807	31.0%	3,638	30.8%	3,635	31.5%	3,437	31.0%	3,304	30.6%	3,490	31.0%	3,326	29.7%	3,275	29.5%
Third Birth	2,132	16.9%	2,150	17.5%	2,061	17.4%	2,032	17.6%	1,911	17.2%	1,878	17.3%	1,839	16.3%	1,810	16.1%	1,808	16.3%
Fourth Birth	1,069	8.4%	1,005	8.1%	916	7.7%	954	8.2%	901	8.1%	838	7.7%	893	7.9%	837	7.4%	855	7.7%
Fifth Birth	450	3.5%	421	3.4%	430	3.6%	387	3.3%	399	3.6%	394	3.6%	338	3.0%	424	3.7%	359	3.2%
Sixth Birth	190	1.5%	190	1.5%	157	1.3%	198	1.7%	169	1.5%	189	1.7%	165	1.4%	169	1.5%	159	1.4%
Seventh Birth	89	0.7%	93	0.7%	101	0.8%	76	0.6%	83	0.7%	81	0.7%	85	0.7%	77	0.6%	77	0.6%
Eighth Birth	38	0.3%	46	0.3%	48	0.4%	44	0.3%	35	0.3%	28	0.2%	31	0.2%	62	0.5%	52	0.4%
Ninth Or More	53	0.4%	44	0.3%	52	0.4%	47	0.4%	72	0.6%	58	0.5%	56	0.4%	49	0.4%	42	0.3%

\* Each percentage has been independently rounded to the nearest tenth of one percent. Hence, the sums of parts may not add to exactly 100%.

**Table B-2: Frequency of Live Births by Type of Facility\* and Attendant, Montana Occurrences, 2000-2023**

Year	Facility	All Births	Doctor of Medicine	Doctor of Osteopathy	Certified Nurse Midwife	Other Midwife	Other or Unspecified
2023	Hospital	10,457	7,579	1,333	1,479	41	25
	Freestanding Birthing Center	182	0	0	96	86	0
	Residence	431	2	2	34	324	69
	Other or Unspecified	1	0	0	1	0	0
2022	Hospital	10,578	7,781	1,315	1,410	43	29
	Freestanding Birthing Center	157	0	0	82	74	1
	Residence	437	2	0	39	313	83
	Other or Unspecified	2	0	0	0	1	1
2021	Hospital	10,732	8,141	1,344	1,203	23	21
	Freestanding Birthing Center	173	0	0	128	45	0
	Residence	324	3	1	22	239	59
	Other or Unspecified	2	0	1	1	0	0
2020	Hospital	10,343	8,077	1,107	1,082	36	41
	Freestanding Birthing Center	169	0	2	125	40	2
	Residence	281	1	0	19	204	57
	Other or Unspecified	1	0	0	0	1	0
2019	Hospital	10,639	8,262	1,088	1,208	33	48
	Freestanding Birthing Center	176	0	0	122	53	1
	Residence	264	7	0	22	172	63
	Other or Unspecified	1	0	0	1	0	0
2018	Hospital	11,060	8,860	913	1,192	23	72
	Freestanding Birthing Center	179	0	1	128	50	0
	Residence	276	5	0	31	185	55
	Other or Unspecified	0	0	0	0	0	0
2017	Hospital	11,319	9,208	896	1,130	14	71
	Freestanding Birthing Center	158	0	0	110	48	0
	Residence	323	2	0	46	220	55
	Other or Unspecified	0	0	0	0	0	0
2016	Hospital	11,798	9,450	1,071	1,199	0	78
	Freestanding Birthing Center	186	0	0	133	53	0
	Residence	288	4	0	26	196	62
	Other or Unspecified	2	1	0	0	0	1
2015	Hospital	12,079	10,098	883	1,028	0	70
	Freestanding Birthing Center	209	0	0	137	72	0
	Residence	292	2	0	18	214	58
	Other or Unspecified	0	0	0	0	0	0
2014	Hospital	11,944	10,184	642	976	0	142
	Freestanding Birthing Center	211	0	0	138	73	0
	Residence	276	3	0	9	197	67
	Other or Unspecified	0	0	0	0	0	0

**Table B-2**

Year	Facility	All Births	Doctor of Medicine	Doctor of Osteopathy	Certified Nurse Midwife	Other Midwife	Other or Unspecified
2013	Hospital	11,794	9,972	575	1,035	4	208
	Freestanding Birthing Center	253	0	0	159	94	0
	Residence	304	4	2	6	217	75
	Other or Unspecified	0	0	0	0	0	0
2012	Hospital	11,581	10,048	527	814	11	181
	Freestanding Birthing Center	187	0	0	114	73	0
	Residence	283	7	0	3	211	62
	Other or Unspecified	1	0	0	0	0	1
2011	Hospital	11,581	10,208	241	905	11	216
	Freestanding Birthing Center	206	0	0	124	80	2
	Residence	251	0	0	4	175	72
	Other or Unspecified	1	0	0	0	1	0
2010	Hospital	11,641	10,266	178	961	3	233
	Freestanding Birthing Center	153	0	0	101	44	8
	Residence	264	1	0	29	182	52
	Other or Unspecified	0	0	0	0	0	0
2009	Hospital	11,831	10,417	136	964	5	309
	Freestanding Birthing Center	136	0	0	97	28	11
	Residence	313	4	0	31	204	74
	Other or Unspecified	0	0	0	0	0	0
2008	Hospital	12,122	10,653	184	980	5	300
	Freestanding Birthing Center	198	3	0	168	23	4
	Residence	275	10	0	30	170	65
	Other or Unspecified	0	0	0	0	0	0
2007	Hospital	11,991	10,564	200	1,016	36	175
	Freestanding Birthing Center	176	7	0	145	19	5
	Residence	251	1	0	27	174	49
	Other or Unspecified	19	3	2	0	9	5
2006	Hospital	12,110	10,322	99	916	5	768
	Freestanding Birthing Center	92	4	0	49	25	14
	Residence	287	1	0	33	176	77
	Other or Unspecified	10	7	0	0	1	2
2005	Hospital	11,281	10,111	139	987	1	43
	Freestanding Birthing Center	23	0	0	0	23	0
	Residence	260	1	0	17	163	79
	Other or Unspecified	9	1	0	1	3	4
2004	Hospital	11,256	10,013	169	991	1	82
	Freestanding Birthing Center	33	0	0	1	31	1
	Residence	224	2	0	12	148	62
	Other or Unspecified	1	1	0	0	0	0



**Table B-2**

Year	Facility	All Births	Doctor of Medicine	Doctor of Osteopathy	Certified Nurse Midwife	Other Midwife	Other or Unspecified
2003	Hospital	11,102	9,828	157	1,051	0	66
	Freestanding Birthing Center	22	0	0	1	20	1
	Residence	246	3	0	13	134	96
	Other or Unspecified	14	0	0	2	4	8
2002	Hospital	10,783	9,380	277	1,067	0	59
	Freestanding Birthing Center	18	0	0	1	16	1
	Residence	226	0	0	26	108	92
	Other or Unspecified	18	3	0	2	9	4
2001	Hospital	10,670	9,139	328	1,115	2	86
	Freestanding Birthing Center	29	1	0	1	26	1
	Residence	236	2	0	23	121	90
	Other or Unspecified	12	2	0	2	2	6
2000	Hospital	10,661	9,176	325	1,086	1	73
	Freestanding Birthing Center	16	0	0	1	11	4
	Residence	260	1	0	23	152	84
	Other or Unspecified	9	0	0	2	1	6

\* Hospital Births Include Infants Born on Arrival



**Table B-3: Frequency and Percent\* Distribution of Live Births by Birth Weight and Year, Montana Residents, 1989-2023**

Year	Total	Less than 1,000 Grams		1,000 - 1,499 Grams		1,500 - 2,499 Grams		2,500 - 3,999 Grams		4,000 Grams or More	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
2023	11,071	51	0.4%	62	0.5%	742	6.7%	9,407	84.9%	804	7.2%
2022	11,174	46	0.4%	64	0.5%	738	6.6%	9,572	85.6%	743	6.6%
2021	11,231	47	0.4%	62	0.5%	746	6.6%	9,584	85.3%	780	6.9%
2020	10,794	50	0.4%	65	0.6%	716	6.6%	9,203	85.2%	756	7.0%
2019	11,080	37	0.3%	61	0.5%	706	6.3%	9,457	85.3%	814	7.3%
2018	11,515	45	0.3%	64	0.5%	747	6.4%	9,767	84.8%	885	7.6%
2017	11,800	47	0.3%	78	0.6%	821	6.9%	9,893	83.8%	958	8.1%
2016	12,274	61	0.4%	75	0.6%	830	6.7%	10,380	84.5%	919	7.4%
2015	12,580	50	0.3%	55	0.4%	782	6.2%	10,641	84.5%	1,045	8.3%
2014	12,431	62	0.4%	93	0.7%	768	6.1%	10,502	84.4%	1,004	8.0%
2013	12,351	44	0.3%	68	0.5%	800	6.4%	10,450	84.6%	983	7.9%
2012	12,052	62	0.5%	67	0.5%	752	6.2%	10,220	84.7%	945	7.8%
2011	12,039	56	0.4%	63	0.5%	747	6.2%	10,280	85.3%	886	7.3%
2010	12,058	75	0.6%	79	0.6%	747	6.1%	10,261	85.0%	890	7.3%
2009	12,280	49	0.3%	78	0.6%	743	6.0%	10,409	84.7%	992	8.0%
2008	12,595	65	0.5%	79	0.6%	787	6.2%	10,671	84.7%	989	7.8%
2007	12,437	75	0.6%	69	0.5%	751	6.0%	10,492	84.3%	1,048	8.4%
2006	12,499	57	0.4%	92	0.7%	762	6.0%	10,593	84.7%	991	7.9%
2005	11,573	60	0.5%	54	0.4%	658	5.6%	9,898	85.5%	897	7.7%
2004	11,514	61	0.5%	66	0.5%	754	6.5%	9,660	83.8%	966	8.3%
2003	11,384	63	0.5%	55	0.4%	649	5.7%	9,654	84.8%	953	8.3%
2002	11,045	65	0.5%	60	0.5%	633	5.7%	9,299	84.1%	984	8.9%
2001	10,947	63	0.5%	64	0.5%	629	5.7%	9,206	84.0%	978	8.9%
2000	10,946	57	0.5%	54	0.4%	567	5.1%	9,167	83.7%	1,091	9.9%
1999	10,778	46	0.4%	74	0.6%	616	5.7%	8,918	82.7%	1,119	10.3%
1998	10,789	51	0.4%	63	0.5%	639	5.9%	9,022	83.6%	1,011	9.3%
1997	10,838	51	0.4%	61	0.5%	574	5.2%	9,064	83.6%	1,083	9.9%
1996	10,840	52	0.4%	69	0.6%	573	5.2%	8,986	82.8%	1,151	10.6%
1995	11,136	54	0.4%	56	0.5%	542	4.8%	9,345	83.9%	1,135	10.1%
1994	11,062	40	0.3%	56	0.5%	594	5.3%	9,245	83.5%	1,119	10.1%
1993	11,362	44	0.3%	50	0.4%	587	5.1%	9,538	83.9%	1,137	10.0%
1992	11,468	37	0.3%	45	0.3%	599	5.2%	9,601	83.7%	1,184	10.3%
1991	11,498	49	0.4%	36	0.3%	552	4.8%	9,699	84.3%	1,159	10.0%
1990	11,602	53	0.4%	66	0.5%	593	5.1%	9,714	83.7%	1,172	10.1%
1989	11,667	47	0.4%	44	0.3%	553	4.7%	9,821	84.1%	1,193	10.2%

\* Each percentage has been independently rounded to the nearest tenth of one percent. Hence, the sums of parts may not add to exactly 100%.

**Table B-4: Frequency and Percent\* Distribution of Live Births by Completed Weeks of Gestation\*\* and Year, Montana Residents, 1989-2023**

Year	Total	27 or Fewer Weeks		28 - 31 Weeks		32 - 36 Weeks		37 - 39 Weeks		40 - 41 Weeks		42 or More Weeks	
		Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
2023	11,071	51	0.4%	87	0.7%	898	8.1%	7,371	66.5%	2,602	23.5%	55	0.4%
2022	11,174	41	0.3%	94	0.8%	949	8.4%	7,542	67.4%	2,497	22.3%	39	0.3%
2021	11,231	48	0.4%	94	0.8%	949	8.4%	7,594	67.6%	2,499	22.2%	33	0.2%
2020	10,794	49	0.4%	87	0.8%	923	8.5%	7,226	66.9%	2,476	22.9%	28	0.2%
2019	11,080	42	0.3%	75	0.6%	948	8.5%	7,274	65.6%	2,688	24.2%	48	0.4%
2018	11,515	43	0.3%	79	0.6%	925	8.0%	7,292	63.3%	3,118	27.0%	48	0.4%
2017	11,800	52	0.4%	100	0.8%	966	8.1%	7,136	60.4%	3,468	29.3%	70	0.5%
2016	12,274	63	0.5%	94	0.7%	915	7.4%	7,450	60.6%	3,684	30.0%	54	0.4%
2015	12,580	56	0.4%	71	0.5%	934	7.4%	7,639	60.7%	3,812	30.3%	56	0.4%
2014	12,431	63	0.5%	107	0.8%	986	7.9%	7,478	60.1%	3,713	29.8%	67	0.5%
2013	12,351	57	0.4%	91	0.7%	961	7.7%	7,352	59.5%	3,792	30.7%	76	0.6%
2012	12,052	70	0.5%	94	0.7%	958	7.9%	7,155	59.3%	3,692	30.6%	65	0.5%
2011	12,039	55	0.4%	88	0.7%	921	7.6%	7,162	59.4%	3,723	30.9%	73	0.6%
2010	12,058	87	0.7%	102	0.8%	1,032	8.5%	7,075	58.6%	3,665	30.3%	78	0.6%
2009	12,280	61	0.4%	92	0.7%	952	7.7%	7,206	58.6%	3,881	31.6%	58	0.4%
2008	12,595	87	0.6%	94	0.7%	1,062	8.4%	7,422	58.9%	3,794	30.1%	87	0.6%
2007	12,437	86	0.6%	114	0.9%	1,045	8.4%	7,192	57.8%	3,885	31.2%	88	0.7%
2006	12,499	67	0.5%	117	0.9%	1,099	8.7%	7,091	56.7%	4,012	32.0%	97	0.7%
2005	11,573	60	0.5%	72	0.6%	958	8.2%	6,438	55.6%	3,928	33.9%	96	0.8%
2004	11,514	59	0.5%	90	0.7%	1,004	8.7%	6,296	54.6%	3,979	34.5%	63	0.5%
2003	11,384	57	0.5%	102	0.8%	911	8.0%	6,000	52.7%	4,196	36.8%	95	0.8%
2002	11,045	63	0.5%	94	0.8%	869	7.8%	5,750	52.0%	4,143	37.5%	105	0.9%
2001	10,947	57	0.5%	86	0.7%	856	7.8%	5,560	50.7%	4,234	38.6%	124	1.1%
2000	10,946	44	0.4%	86	0.7%	806	7.3%	5,384	49.1%	4,445	40.6%	152	1.3%
1999	10,778	52	0.4%	96	0.8%	808	7.4%	4,958	46.0%	4,620	42.8%	210	1.9%
1998	10,789	53	0.4%	87	0.8%	792	7.3%	4,803	44.5%	4,795	44.4%	235	2.1%
1997	10,838	55	0.5%	72	0.6%	726	6.6%	4,764	43.9%	4,932	45.5%	257	2.3%
1996	10,840	58	0.5%	74	0.6%	737	6.7%	4,658	42.9%	5,071	46.7%	222	2.0%
1995	11,136	55	0.4%	71	0.6%	704	6.3%	4,747	42.6%	5,283	47.4%	245	2.2%
1994	11,062	37	0.3%	79	0.7%	697	6.3%	4,604	41.6%	5,311	48.0%	303	2.7%
1993	11,362	42	0.3%	55	0.4%	695	6.1%	4,607	40.5%	5,612	49.3%	308	2.7%
1992	11,468	41	0.3%	67	0.5%	666	5.8%	4,552	39.6%	5,770	50.3%	350	3.0%
1991	11,498	38	0.3%	79	0.6%	627	5.4%	4,102	35.6%	6,226	54.1%	409	3.5%
1990	11,602	50	0.4%	89	0.7%	640	5.5%	3,971	34.2%	6,381	54.9%	456	3.9%
1989	11,667	43	0.3%	52	0.4%	633	5.4%	4,091	35.0%	6,272	53.7%	551	4.7%

\* Each percentage has been independently rounded to the nearest tenth of one percent. Hence, the sums of parts may not add to exactly 100%.

\*\* Clinical estimate of completed weeks of gestational age.



**Table B-5: Frequency and Percent\* Distribution of Live Births by Trimester Prenatal Care Began\*\* and Year, Montana Residents, 1989-2023**

Year	Total	First Trimester		Second Trimester		Third Trimester		No Care		Not Stated	
		Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
2023	11,071	8,300	75.0%	2,114	19.1%	517	4.7%	129	1.2%	11	0.1%
2022	11,174	8,424	75.4%	2,046	18.3%	531	4.8%	154	1.4%	19	0.2%
2021	11,231	8,591	76.5%	1,936	17.2%	535	4.8%	149	1.3%	20	0.2%
2020	10,794	8,169	75.7%	1,896	17.6%	551	5.1%	168	1.6%	10	0.1%
2019	11,080	8,302	74.9%	2,032	18.3%	594	5.4%	140	1.3%	12	0.1%
2018	11,515	8,443	73.3%	2,219	19.3%	644	5.6%	162	1.4%	47	0.4%
2017	11,800	8,663	73.4%	2,324	19.7%	635	5.4%	145	1.2%	33	0.3%
2016	12,274	8,740	71.2%	2,607	21.2%	749	6.1%	134	1.1%	44	0.4%
2015	12,580	8,840	70.3%	2,753	21.9%	811	6.4%	125	1.0%	51	0.4%
2014	12,431	8,739	70.3%	2,710	21.8%	741	6.0%	133	1.1%	108	0.9%
2013	12,351	8,648	70.0%	2,681	21.7%	767	6.2%	120	1.0%	135	1.1%
2012	12,052	8,725	72.4%	2,416	20.0%	654	5.4%	89	0.7%	168	1.4%
2011	12,039	8,734	72.5%	2,515	20.9%	550	4.6%	108	0.9%	132	1.1%
2010	12,058	8,645	71.7%	2,505	20.8%	471	3.9%	104	0.9%	333	2.8%
2009	12,280	8,061	65.6%	2,350	19.1%	532	4.3%	86	0.7%	1,251	10.2%
2008	12,595	8,654	68.7%	2,511	19.9%	540	4.3%	98	0.8%	792	6.3%
2007	12,437	10,213	82.1%	1,574	12.7%	290	2.3%	75	0.6%	285	2.3%
2006	12,499	10,302	82.4%	1,621	13.0%	311	2.5%	66	0.5%	199	1.6%
2005	11,573	9,616	83.1%	1,522	13.2%	228	2.0%	72	0.6%	135	1.2%
2004	11,514	9,513	82.6%	1,585	13.8%	260	2.3%	69	0.6%	87	0.8%
2003	11,384	9,571	84.1%	1,456	12.8%	247	2.2%	56	0.5%	54	0.5%
2002	11,045	9,190	83.2%	1,487	13.5%	242	2.2%	61	0.6%	65	0.6%
2001	10,947	9,015	82.4%	1,552	14.2%	262	2.4%	71	0.6%	47	0.4%
2000	10,946	9,063	82.8%	1,475	13.5%	268	2.4%	70	0.6%	70	0.6%
1999	10,778	9,005	83.5%	1,411	13.1%	250	2.3%	72	0.7%	40	0.4%
1998	10,789	8,842	82.0%	1,552	14.4%	328	3.0%	67	0.6%	0	0.0%
1997	10,838	8,900	82.1%	1,477	13.6%	369	3.4%	92	0.8%	0	0.0%
1996	10,840	8,917	82.3%	1,527	14.1%	273	2.5%	71	0.7%	52	0.5%
1995	11,136	9,044	81.2%	1,662	14.9%	320	2.9%	75	0.7%	35	0.3%
1994	11,062	8,972	81.1%	1,652	14.9%	303	2.7%	78	0.7%	57	0.5%
1993	11,362	9,091	80.0%	1,786	15.7%	354	3.1%	68	0.6%	63	0.6%
1992	11,468	8,914	77.7%	2,010	17.5%	397	3.5%	81	0.7%	66	0.6%
1991	11,498	8,857	77.0%	2,058	17.9%	410	3.6%	86	0.7%	87	0.8%
1990	11,602	8,802	75.9%	2,133	18.4%	480	4.1%	109	0.9%	78	0.7%
1989	11,667	8,940	76.6%	2,076	17.8%	465	4.0%	103	0.9%	83	0.7%

\* Each percentage has been independently rounded to the nearest tenth of one percent. Hence, the sums of parts may not add to exactly 100%.

\*\* Month prenatal care began is now calculated, beginning with the revision of the birth certificate in 2008; it is not strictly comparable to the reported figure on the prior revisions of the certificate.

**Table D-1: Frequency of Death by Sex, Age in Years, and 113 Underlying Causes of Death, Montana Residents, 2023**

Cause of Death*	Total	All Ages		0 to 4		5 to 14		15 to 24		25 to 34		35 to 44		45 to 54		55 to 64		65 to 74		75 to 84		85+	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
#Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	19	8	11	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	5	4	2	1	3
#Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Septicemia	109	70	39	0	1	0	1	1	0	1	0	0	1	4	1	11	6	18	10	23	11	12	8
#Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Arthropod-borne viral encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Viral hepatitis	12	7	5	0	0	0	0	0	0	0	0	0	1	1	0	5	1	1	2	0	0	0	1
#Human immunodeficiency virus (HIV) disease	4	3	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0
#Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	219	118	101	0	2	0	1	0	0	1	0	2	0	3	2	2	6	18	22	44	21	48	47
#Malignant neoplasms (Cancer)	2,195	1,187	1,008	1	0	0	1	2	3	8	6	14	18	49	45	165	164	362	303	370	291	216	177
Malignant neoplasms of lip, oral cavity and pharynx	36	25	11	0	0	0	0	0	0	0	0	0	0	0	4	2	12	3	6	2	3	4	
Malignant neoplasm of esophagus	71	62	9	0	0	0	0	0	0	0	1	1	3	0	10	3	29	1	16	3	3	1	
Malignant neoplasm of stomach	26	17	9	0	0	0	0	0	0	0	1	1	1	2	1	4	1	2	1	3	2	5	2
Malignant neoplasms of colon, rectum and anus	201	109	92	0	0	0	0	0	0	1	1	2	1	6	6	24	13	30	26	27	22	19	23
Malignant neoplasms of liver and intrahepatic bile ducts	93	64	29	0	0	0	0	0	0	0	1	0	4	2	13	9	27	12	12	2	7	4	
Malignant neoplasm of pancreas	171	87	84	0	0	0	0	0	0	0	0	0	4	2	17	9	24	35	31	30	11	8	
Malignant neoplasm of larynx	7	5	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	1	1	0	
Malignant neoplasms of trachea, bronchus and lung	410	197	213	0	0	0	0	0	1	0	0	0	0	6	2	28	36	73	68	64	78	26	28

**Table D-1**

Cause of Death*	Total	All Ages		0 to 4		5 to 14		15 to 24		25 to 34		35 to 44		45 to 54		55 to 64		65 to 74		75 to 84		85+	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
Malignant melanoma of skin	38	24	14	0	0	0	0	0	0	0	0	0	0	2	2	7	4	5	4	8	1	2	3
Malignant neoplasm of breast	143	2	141	0	0	0	0	0	0	0	1	0	7	1	20	0	26	1	33	0	28	0	26
Malignant neoplasm of cervix uteri	9	0	9	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	3	0	1	0	1
Malignant neoplasms of corpus uteri and uterus, part unspecified	32	0	32	0	0	0	0	0	0	0	0	0	1	0	0	0	6	0	11	0	11	0	3
Malignant neoplasm of ovary	54	0	54	0	0	0	0	0	0	0	1	0	1	0	4	0	13	0	17	0	14	0	4
Malignant neoplasm of prostate	170	170	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	39	0	65	0	58	0
Malignant neoplasms of kidney and renal pelvis	49	32	17	0	0	0	0	0	0	0	0	0	1	0	0	6	3	13	5	9	6	4	2
Malignant neoplasm of bladder	57	44	13	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9	3	20	4	14	4
Malignant neoplasms of meninges, brain and other parts of central nervous system	76	47	29	0	0	0	0	0	1	1	0	3	2	8	1	7	4	16	11	10	4	2	6
Hodgkin's lymphoma	2	1	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	86	56	30	0	0	0	0	0	0	2	0	1	0	1	0	6	1	20	7	13	13	13	9
Leukemia	92	54	38	1	0	0	0	1	1	1	1	2	0	1	0	4	3	11	10	21	17	12	6
Multiple myeloma and immunoproliferative neoplasms	59	31	28	0	0	0	0	0	0	0	0	0	0	3	0	3	2	6	5	12	14	7	7
Other and unspecified malignant neoplasms of lymphoid hematopoietic and related tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms	313	160	153	0	0	0	1	1	0	3	1	2	3	8	3	23	23	43	48	51	38	29	36
#In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	62	30	32	0	0	0	0	1	0	0	0	0	0	1	0	1	2	7	8	10	10	10	12
#Anemias	29	17	12	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	3	5	2	6	6
#Diabetes mellitus	335	209	126	0	0	0	0	1	1	2	1	7	4	11	11	41	21	53	35	62	35	32	18
#Nutritional deficiencies	166	67	99	0	0	0	0	0	0	0	0	1	1	1	1	3	2	11	8	24	30	27	57
Malnutrition	164	67	97	0	0	0	0	0	0	0	0	1	1	1	1	3	2	11	8	24	30	27	55
Other nutritional deficiencies	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
#Meningitis	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
#Parkinson's disease	143	89	54	0	0	0	0	0	0	0	0	0	0	0	0	1	2	13	9	50	25	25	18
#Alzheimer's disease	330	114	216	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	21	34	63	68	129
#Diseases of heart	2,478	1,398	1,080	0	0	0	0	0	0	9	8	18	13	55	22	174	69	347	193	369	254	426	521

**Table D-1**

Cause of Death*	Total	All Ages		0 to 4		5 to 14		15 to 24		25 to 34		35 to 44		45 to 54		55 to 64		65 to 74		75 to 84		85+	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
Acute rheumatic fever and chronic rheumatic heart diseases	23	9	14	0	0	0	0	0	0	0	1	0	0	0	0	1	1	5	0	3	4	0	8
Hypertensive heart disease	180	90	90	0	0	0	0	0	0	3	0	2	2	9	5	8	6	21	6	17	16	30	55
Hypertensive heart and renal disease	42	24	18	0	0	0	0	0	0	0	0	1	0	0	0	1	1	4	2	7	1	11	14
Acute myocardial infarction	216	132	84	0	0	0	0	0	0	1	0	2	0	5	4	19	8	40	21	35	28	30	23
Other acute ischemic heart diseases	11	5	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	2	2	0	3
Atherosclerotic cardiovascular disease, so described	765	487	278	0	0	0	0	0	0	1	1	7	1	21	7	96	29	158	83	123	79	81	78
All other forms of chronic ischemic heart disease	455	290	165	0	0	0	0	0	0	0	1	3	3	4	1	20	6	48	22	88	39	127	93
Acute and subacute endocarditis	8	7	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	2	0	1	0
Diseases of pericardium and acute myocarditis	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Heart failure	278	113	165	0	0	0	0	0	0	0	1	0	0	1	0	2	5	18	25	29	30	63	104
All other forms of heart disease	497	239	258	0	0	0	0	0	0	4	4	3	7	14	5	25	13	49	32	62	55	82	142
#Essential hypertension and hypertensive renal disease	95	44	51	0	0	0	0	0	0	0	0	0	1	1	1	4	2	15	7	9	11	15	29
#Cerebrovascular diseases (Stroke)	409	149	260	0	0	0	0	0	0	1	0	2	2	6	6	15	14	27	33	46	79	52	126
#Atherosclerosis	20	13	7	0	0	0	0	0	0	0	0	0	0	1	0	5	0	2	1	4	2	1	4
#Aortic aneurysm and dissection	48	30	18	0	0	0	0	0	0	1	0	2	0	2	0	3	3	8	4	7	7	7	4
#Other diseases of arteries, arterioles and capillaries	52	24	28	0	0	1	0	0	0	0	0	0	0	0	1	0	1	6	6	7	11	10	9
Other disorders of circulatory system	18	10	8	0	0	0	0	0	0	1	0	1	1	1	1	2	0	3	1	1	3	1	2
#Influenza and pneumonia	124	63	61	1	1	0	0	0	0	1	0	5	3	0	3	10	7	6	8	21	9	19	30
Influenza	26	11	15	1	0	0	0	0	0	0	0	1	0	0	2	2	2	1	0	2	2	4	9
Pneumonia	98	52	46	0	1	0	0	0	0	1	0	4	3	0	1	8	5	5	8	19	7	15	21
#Acute bronchitis and bronchiolitis	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table D-1**

Cause of Death*	Total	All Ages		0 to 4		5 to 14		15 to 24		25 to 34		35 to 44		45 to 54		55 to 64		65 to 74		75 to 84		85+	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
#Chronic lower respiratory diseases	670	327	343	1	0	0	0	0	2	0	1	0	1	2	3	33	38	105	85	116	127	70	86
Bronchitis, chronic and unspecified	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Emphysema	39	19	20	0	0	0	0	0	0	0	0	0	0	0	2	1	4	9	8	4	5	6	
Asthma	15	2	13	0	0	0	0	0	2	0	1	0	0	1	0	2	1	0	0	2	1	5	
Other chronic lower respiratory diseases	614	305	309	0	0	0	0	0	0	0	0	1	2	2	31	35	100	76	108	120	64	75	
#Pneumoconioses and chemical effects	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	
#Pneumonitis due to solids and liquids	74	45	29	0	0	0	0	0	0	0	1	0	0	0	0	5	7	3	16	9	21	12	
Other diseases of respiratory system	161	82	79	0	0	0	0	0	0	0	0	1	2	2	9	3	17	18	34	26	20	29	
#Peptic ulcer	12	5	7	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	2	3	3	
#Diseases of appendix	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
#Hernia	16	6	10	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	2	4	1	2	
#Chronic liver disease and cirrhosis	264	158	106	0	0	0	0	2	1	9	6	17	15	28	25	48	24	37	23	15	8	2	4
Alcoholic liver disease	182	104	78	0	0	0	0	1	0	9	6	12	13	22	22	34	18	21	14	5	5	0	0
Other chronic liver disease and cirrhosis	82	54	28	0	0	0	0	1	1	0	0	5	2	6	3	14	6	16	9	10	3	2	4
#Cholelithiasis and other disorders of gallbladder	13	4	9	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	1	1	6	
#Nephritis, nephrotic syndrome and nephrosis (Kidney Disease)	137	68	69	0	0	0	0	2	0	1	2	1	0	1	4	9	5	12	15	23	17	19	26
Acute and rapidly progressive nephritic and nephrotic syndrome	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	3	1	2	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Renal failure	133	66	67	0	0	0	0	1	0	1	2	1	0	1	3	9	5	12	15	23	16	18	26
Other disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Infections of kidney	5	0	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	1
#Hyperplasia of prostate	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
#Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Pregnancy, childbirth and the puerperium	6	0	6	0	0	0	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0



**Table D-1**

Cause of Death*	Total	All Ages		0 to 4		5 to 14		15 to 24		25 to 34		35 to 44		45 to 54		55 to 64		65 to 74		75 to 84		85+	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy childbirth and the puerperium	6	0	6	0	0	0	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0
#Certain conditions originating in the perinatal period (Perinatal conditions)	30	16	14	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Congenital malformations, deformations (birth defects) and chromosomal abnormalities	27	11	16	5	5	0	0	1	2	0	1	1	1	1	3	3	0	0	1	0	1	0	2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	101	55	46	12	6	0	1	0	1	3	0	0	1	2	2	3	0	12	4	5	10	18	21
All other diseases not elsewhere classified	1,620	724	896	2	1	2	4	2	3	16	9	29	19	36	30	79	59	136	125	197	215	225	431
#Accidents (unintentional injuries)	754	461	293	4	1	2	8	36	19	68	23	66	24	52	22	69	41	50	28	56	53	58	74
Motor vehicle crashes	217	154	63	1	1	1	6	28	9	23	10	22	5	18	7	29	10	10	6	17	6	5	3
Other land transport accidents	4	3	1	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0
Water, air and space, and other and unspecified transport accidents	8	3	5	0	0	0	0	0	0	0	1	0	0	1	1	1	2	1	0	0	1	0	0
Falls	216	102	114	0	0	0	0	0	1	6	0	5	1	2	1	11	7	13	10	20	34	45	60
Accidental discharge of firearms	2	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Accidental drowning and submersion	16	11	5	1	0	0	0	2	1	1	0	1	1	0	0	2	1	0	1	4	1	0	0
Accidental exposure to smoke, fire and flames	9	6	3	0	0	1	0	0	0	0	0	1	1	1	0	1	2	1	0	1	0	0	0
Accidental poisoning and exposure to noxious substances	179	115	64	1	0	0	0	5	8	32	12	31	13	21	12	15	13	9	4	1	1	0	1
Other and unspecified non-transport accidents	103	65	38	1	0	0	2	1	0	4	0	6	3	8	1	10	5	15	7	12	10	8	10
#Intentional self-harm (suicide)	310	247	63	0	0	5	0	29	8	37	11	42	9	45	12	34	12	32	6	14	2	9	3
Intentional self-harm (suicide) by discharge of firearms	207	171	36	0	0	3	0	22	3	26	8	31	7	23	7	21	5	25	3	12	1	8	2
Intentional self-harm (suicide) by other and unspecified means	103	76	27	0	0	2	0	7	5	11	3	11	2	22	5	13	7	7	3	2	1	1	1
#Assault (homicide)	48	37	11	3	0	0	0	4	0	9	2	8	0	6	3	3	3	2	1	2	0	0	2
Assault (homicide) by discharge of firearms	29	25	4	0	0	0	0	4	0	8	1	7	0	4	1	0	2	1	0	1	0	0	0
Assault (homicide) by other and unspecified means	19	12	7	3	0	0	0	0	0	1	1	1	0	2	2	3	1	1	1	1	0	0	2

**Table D-1**

Cause of Death*	Total	All Ages		0 to 4		5 to 14		15 to 24		25 to 34		35 to 44		45 to 54		55 to 64		65 to 74		75 to 84		85+	
		Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.	Male	Fern.
#Legal intervention	7	6	1	0	0	0	0	0	0	1	0	1	1	3	0	0	0	1	0	0	0	0	0
Events of undetermined intent	9	5	4	0	0	0	0	1	0	2	0	2	0	0	1	0	3	0	0	0	0	0	0
Discharge of firearms, undetermined intent	2	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	7	3	4	0	0	0	0	1	0	1	0	1	0	0	1	0	3	0	0	0	0	0	0
#Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#Complications of medical and surgical care	11	8	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	5	1	1	1
#Enterocolitis due to Clostridium difficile	9	4	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	2	1	1	1
#COVID-19	175	98	77	0	1	0	0	0	0	0	0	1	0	3	0	1	4	12	15	38	16	43	41

\* For ICD-10 codes associated with each cause of death listed in this table refer to Table B in the NCHS Instruction Manual Part 9. Those marked with a "#" sign are rankable as leading causes.

**Table D-2: Frequency of Death by Sex, Race\*, and 113 Underlying Causes of Death, Montana Residents, 2023**

Cause of Death**	All Races			White			AI/AN		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
#Salmonella infections	0	0	0	0	0	0	0	0	0
#Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	19	8	11	16	7	9	2	1	1
#Tuberculosis	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	0	0	0	0	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0
#Whooping cough	0	0	0	0	0	0	0	0	0
#Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0
#Meningococcal infection	0	0	0	0	0	0	0	0	0
#Septicemia	109	70	39	95	60	35	13	8	5
#Syphilis	0	0	0	0	0	0	0	0	0
#Acute poliomyelitis	0	0	0	0	0	0	0	0	0
#Arthropod-borne viral encephalitis	0	0	0	0	0	0	0	0	0
#Measles	0	0	0	0	0	0	0	0	0
#Viral hepatitis	12	7	5	10	6	4	3	2	1
#Human immunodeficiency virus (HIV) disease	4	3	1	3	2	1	1	1	0
#Malaria	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	219	118	101	207	111	96	11	7	4
#Malignant neoplasms (Cancer)	2,195	1,187	1,008	2,066	1,127	939	107	44	63
Malignant neoplasms of lip, oral cavity and pharynx	36	25	11	34	24	10	2	1	1
Malignant neoplasm of esophagus	71	62	9	64	56	8	5	5	0
Malignant neoplasm of stomach	26	17	9	22	17	5	4	0	4
Malignant neoplasms of colon, rectum and anus	201	109	92	188	102	86	9	4	5
Malignant neoplasms of liver and intrahepatic bile ducts	93	64	29	81	58	23	10	5	5
Malignant neoplasm of pancreas	171	87	84	165	84	81	8	3	5
Malignant neoplasm of larynx	7	5	2	6	5	1	1	0	1
Malignant neoplasms of trachea, bronchus and lung	410	197	213	387	189	198	19	6	13
Malignant melanoma of skin	38	24	14	38	24	14	0	0	0
Malignant neoplasm of breast	143	2	141	137	2	135	7	0	7
Malignant neoplasm of cervix uteri	9	0	9	7	0	7	2	0	2
Malignant neoplasms of corpus uteri and uterus, part	32	0	32	31	0	31	1	0	1
Malignant neoplasm of ovary	54	0	54	52	0	52	2	0	2
Malignant neoplasm of prostate	170	170	0	162	162	0	6	6	0
Malignant neoplasms of kidney and renal pelvis	49	32	17	46	30	16	1	0	1
Malignant neoplasm of bladder	57	44	13	57	44	13	0	0	0
Malignant neoplasms of meninges, brain and other parts	76	47	29	73	46	27	3	1	2
Hodgkin's lymphoma	2	1	1	2	1	1	0	0	0
Non-Hodgkin's lymphoma	86	56	30	80	52	28	3	3	0
Leukemia	92	54	38	88	54	34	3	0	3
Multiple myeloma and immunoproliferative neoplasms	59	31	28	54	27	27	5	3	2

Table D-2

Cause of Death**	All Races			White			AI/AN		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Other and unspecified malignant neoplasms of lymphoid	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms	313	160	153	292	150	142	16	7	9
#In situ neoplasms, benign neoplasms and neoplasms of	62	30	32	57	27	30	4	2	2
#Anemias	29	17	12	27	16	11	2	1	1
#Diabetes mellitus	335	209	126	283	178	105	48	26	22
#Nutritional deficiencies	166	67	99	155	63	92	7	2	5
Malnutrition	164	67	97	153	63	90	7	2	5
Other nutritional deficiencies	2	0	2	2	0	2	0	0	0
#Meningitis	3	1	2	3	1	2	0	0	0
#Parkinson's disease	143	89	54	141	88	53	3	2	1
#Alzheimer's disease	330	114	216	324	113	211	4	1	3
#Diseases of heart	2,478	1,398	1,080	2,341	1,319	1,022	130	78	52
Acute rheumatic fever and chronic rheumatic heart dis-	23	9	14	22	9	13	2	0	2
Hypertensive heart disease	180	90	90	162	79	83	17	11	6
Hypertensive heart and renal disease	42	24	18	42	24	18	0	0	0
Acute myocardial infarction	216	132	84	205	127	78	13	5	8
Other acute ischemic heart diseases	11	5	6	10	4	6	2	1	1
Atherosclerotic cardiovascular disease, so described	765	487	278	721	459	262	44	31	13
All other forms of chronic ischemic heart disease	455	290	165	429	273	156	19	13	6
Acute and subacute endocarditis	8	7	1	6	6	0	2	1	1
Diseases of pericardium and acute myocarditis	3	2	1	3	2	1	0	0	0
Heart failure	278	113	165	267	110	157	10	3	7
All other forms of heart disease	497	239	258	474	226	248	21	13	8
#Essential hypertension and hypertensive renal disease	95	44	51	90	42	48	2	2	0
#Cerebrovascular diseases (Stroke)	409	149	260	394	146	248	13	3	10
#Atherosclerosis	20	13	7	19	12	7	1	1	0
#Aortic aneurysm and dissection	48	30	18	46	28	18	2	2	0
#Other diseases of arteries, arterioles and capillaries	52	24	28	51	23	28	1	1	0
Other disorders of circulatory system	18	10	8	17	10	7	1	0	1
#Influenza and pneumonia	124	63	61	110	56	54	11	7	4
Influenza	26	11	15	23	9	14	2	2	0
Pneumonia	98	52	46	87	47	40	9	5	4
#Acute bronchitis and bronchiolitis	1	1	0	1	1	0	0	0	0
Other and unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0
#Chronic lower respiratory diseases	670	327	343	623	309	314	46	17	29
Bronchitis, chronic and unspecified	2	1	1	2	1	1	1	1	0
Emphysema	39	19	20	37	18	19	2	1	1
Asthma	15	2	13	13	2	11	2	0	2
Other chronic lower respiratory diseases	614	305	309	571	288	283	41	15	26

**Table D-2**

Cause of Death**	All Races			White			AI/AN		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
#Pneumoconioses and chemical effects	6	6	0	6	6	0	0	0	0
#Pneumonitis due to solids and liquids	74	45	29	70	43	27	3	1	2
Other diseases of respiratory system	161	82	79	152	76	76	9	7	2
#Peptic ulcer	12	5	7	11	4	7	1	1	0
#Diseases of appendix	2	1	1	2	1	1	0	0	0
#Hernia	16	6	10	15	5	10	1	1	0
#Chronic liver disease and cirrhosis	264	158	106	207	130	77	59	29	30
Alcoholic liver disease	182	104	78	141	84	57	43	20	23
Other chronic liver disease and cirrhosis	82	54	28	66	46	20	16	9	7
#Cholelithiasis and other disorders of gallbladder	13	4	9	12	4	8	1	0	1
#Nephritis, nephrotic syndrome and nephrosis (Kidney	137	68	69	114	58	56	21	9	12
Acute and rapidly progressive nephritic and nephrotic	1	1	0	1	1	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis	3	1	2	3	1	2	0	0	0
Renal failure	133	66	67	110	56	54	21	9	12
Other disorders of kidney	0	0	0	0	0	0	0	0	0
#Infections of kidney	5	0	5	4	0	4	1	0	1
#Hyperplasia of prostate	3	3	0	3	3	0	0	0	0
#Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0
#Pregnancy, childbirth and the puerperium	6	0	6	3	0	3	3	0	3
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0
Other complications of pregnancy childbirth and the puer-	6	0	6	3	0	3	3	0	3
#Certain conditions originating in the perinatal period	30	16	14	25	13	12	5	3	2
#Congenital malformations, deformations (birth defects)	27	11	16	24	9	15	3	1	2
Symptoms, signs and abnormal clinical and laboratory	101	55	46	89	50	39	11	5	6
All other diseases not elsewhere classified	1,620	724	896	1,504	670	834	115	58	57
#Accidents (unintentional injuries)	754	461	293	642	385	257	109	73	36
Motor vehicle crashes	217	154	63	186	134	52	31	21	10
Other land transport accidents	4	3	1	3	2	1	1	1	0
Water, air and space, and other and unspecified transport	8	3	5	7	2	5	1	1	0
Falls	216	102	114	201	91	110	12	9	3
Accidental discharge of firearms	2	2	0	2	2	0	0	0	0
Accidental drowning and submersion	16	11	5	12	8	4	3	2	1
Accidental exposure to smoke, fire and flames	9	6	3	6	4	2	4	3	1
Accidental poisoning and exposure to noxious substanc-	179	115	64	134	85	49	47	30	17
Other and unspecified non-transport accidents	103	65	38	91	57	34	10	6	4
#Intentional self-harm (suicide)	310	247	63	267	215	52	41	28	13

**Table D-2**

Cause of Death**	All Races			White			AI/AN		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Intentional self-harm (suicide) by discharge of firearms	207	171	36	189	156	33	16	12	4
Intentional self-harm (suicide) by other and unspecified	103	76	27	78	59	19	25	16	9
#Assault (homicide)	48	37	11	27	20	7	20	17	3
Assault (homicide) by discharge of firearms	29	25	4	18	14	4	10	10	0
Assault (homicide) by other and unspecified means	19	12	7	9	6	3	10	7	3
#Legal intervention	7	6	1	6	6	0	1	0	1
Events of undetermined intent	9	5	4	9	5	4	0	0	0
Discharge of firearms, undetermined intent	2	2	0	2	2	0	0	0	0
Other and unspecified events of undetermined intent	7	3	4	7	3	4	0	0	0
#Operations of war	0	0	0	0	0	0	0	0	0
#Complications of medical and surgical care	11	8	3	9	6	3	2	2	0
#Enterocolitis due to Clostridium difficile	9	4	5	8	4	4	1	0	1
#COVID-19	175	98	77	165	91	74	9	7	2

\* Race groups include all individuals who identified as that race even if they also identified as another race. As such, some individuals are counted in multiple race categories. Any racial category may include "Hispanic".

\*\* For ICD-10 codes associated with each cause of death listed in this table refer to Table B in the NCHS Instruction Manual Part 9. Those marked with a "#" sign are rankable as leading causes.

**Table D-3: Frequency and Rate\* for Leading Causes of Death by Year, Montana Residents, 2009 -2023**

Year		Heart Disease	Cancer	Unintentional Injury	Motor Vehicle Crashes	Non-Motor Vehicle Injury	COVID-19	Chronic Lower Respiratory Diseases	Stroke	Alzheimer's Disease	Diabetes	Suicide	Chronic Liver Disease and Cirrhosis
2009	Num.	1,825	1,909	610	222	388		595	461	255	228	218	138
	Rate	153.3	162.3	59.2	22.9	36.3		51.4	39.3	21.3	19.3	21.0	12.5
2010	Num.	1,842	1,912	545	192	353		601	493	301	226	227	124
	Rate	151.9	159.0	52.7	19.5	33.2		51.3	41.1	24.7	19.1	21.8	10.8
2011	Num.	1,905	1,991	579	193	386		638	453	258	246	224	127
	Rate	155.3	162.4	54.1	19.2	34.9		53.2	37.4	20.7	20.6	21.6	11.0
2012	Num.	1,875	1,926	551	195	356		599	406	263	231	226	143
	Rate	148.9	152.6	50.5	19.1	31.5		48.5	32.5	20.7	19.0	21.9	12.2
2013	Num.	1,968	1,978	596	220	375		643	478	265	251	238	150
	Rate	152.1	153.6	54.7	21.3	33.4		51.0	37.8	20.7	20.0	23.3	13.0
2014	Num.	1,942	2,054	572	196	376		667	476	251	250	249	152
	Rate	147.6	156.6	52.0	19.4	32.6		50.8	36.4	19.3	19.2	23.7	12.2
2015	Num.	2,103	2,130	634	219	415		679	457	277	321	270	179
	Rate	156.9	159.1	56.0	20.9	35.1		50.9	34.1	20.8	24.8	25.1	15.6
2016	Num.	2,134	2,032	622	198	424		722	439	314	311	267	161
	Rate	156.2	147.9	53.9	18.5	35.4		52.5	32.9	22.9	23.8	26.0	13.9
2017	Num.	2,162	2,142	578	180	398		752	487	285	290	312	196
	Rate	154.8	152.2	50.0	17.0	33.0		53.7	35.6	20.9	21.3	28.9	16.1
2018	Num.	2,349	2,038	600	177	423		690	418	309	266	262	153
	Rate	163.8	140.9	51.2	16.7	34.5		47.3	30.2	21.7	19.1	24.5	12.1
2019	Num.	2,283	2,099	656	193	463		759	414	326	282	288	180
	Rate	156.5	141.1	55.3	17.4	37.9		50.9	29.0	22.7	20.1	26.0	15.0
2020	Num.	2,423	2,138	727	205	522	1,118	662	453	347	342	300	236
	Rate	162.7	141.2	61.5	19.5	42.0	75.8	42.4	31.2	24.0	23.6	25.9	19.0
2021	Num.	2,531	2,156	874	269	605	1,576	570	440	341	314	351	308
	Rate	172.7	140.8	73.7	23.9	49.8	107.7	37.9	30.8	24.3	21.4	32.2	25.5
2022	Num.	2,529	2,231	798	230	568	513	625	398	338	328	328	274
	Rate	168.7	143.5	65.4	19.8	45.7	34.2	40.4	27.1	23.5	22.1	28.8	21.1
2023	Num.	2,478	2,195	754	217	537	175	670	409	330	335	310	264
	Rate	161.4	136.7	60.2	18.3	41.9	11.8	41.4	27.1	22.3	21.7	26.7	20.1

\*Age-adjusted rate per 100,000 estimated midyear population, age-adjusted to the 2000 standard population using 19 age groups.

**Table D-4: Frequency of Infant Death by Age and up to 130 Selected Underlying Causes, Montana Residents, 2023**

Cause of Death*	Total	Age of Infant		
		0 To 7 Days	8 To 28 Days	29 Days To 1 Year
All Causes	62	31	6	25
Infectious and parasitic diseases	2	0	0	2
#Diarrhea and gastroenteritis of infectious origin	1	0	0	1
#Septicemia	1	0	0	1
Endocrine, nutritional and metabolic diseases	1	0	0	1
#Volume depletion, disorders of fluid, electrolyte and acid-base balance	1	0	0	1
Diseases of the respiratory system	2	0	0	2
#Influenza and pneumonia	1	0	0	1
Influenza	1	0	0	1
#Acute bronchitis and acute bronchiolitis	1	0	0	1
Certain conditions originating in the perinatal period	30	25	3	2
#Newborn affected by maternal complications of pregnancy	3	3	0	0
Newborn affected by premature rupture of membranes	3	3	0	0
#Newborn affected by complications of placenta, cord and membranes	2	2	0	0
Newborn affected by chorioamnionitis	2	2	0	0
#Slow fetal growth and fetal malnutrition	2	1	0	1
#Disorders related to short gestation and low birth weight, not elsewhere classified	7	7	0	0
Extremely low birth weight or extreme immaturity	4	4	0	0
Other low birth weight or preterm	3	3	0	0
#Intrauterine hypoxia and birth asphyxia	1	1	0	0
Birth asphyxia	1	1	0	0
#Respiratory distress of newborn	2	1	1	0
#Neonatal aspiration syndromes	1	1	0	0
#Bacterial sepsis of newborn	1	1	0	0
All other infections specific to the perinatal period	3	1	2	0
#Neonatal hemorrhage	1	1	0	0
#Necrotizing enterocolitis of newborn	1	1	0	0
Other perinatal conditions	6	5	0	1
#Congenital malformations, deformations and chromosomal abnormalities	9	5	2	2
Spina bifida	1	1	0	0
Congenital malformations of heart	1	0	1	0
Other congenital malformations of circulatory system	1	1	0	0
Congenital malformations of digestive system	1	0	1	0
Congenital malformations of genitourinary system	1	1	0	0
Edward's syndrome	1	0	0	1
Other congenital malformations and deformations	3	2	0	1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	15	1	1	13



**Table D-4**

Cause of Death*	Total	Age of Infant		
		0 To 7 Days	8 To 28 Days	29 Days To 1 Year
#Sudden infant death syndrome	11	0	1	10
Other symptoms, signs and abnormal clinical and laboratory findings,	4	1	0	3
#Assault (homicide)	3	0	0	3
Assault (homicide) by hanging, strangulation and suffocation	1	0	0	1
Neglect, abandonment and other maltreatment syndromes	1	0	0	1
Assault (homicide) by other and unspecified means	1	0	0	1

For ICD-10 codes included for each cause listed here refer to Table C in the NCHS Instruction Manual Part 9. Those marked with a "#" sign are rankable as leading causes.

**Table D-5: Frequency of Infant Death by Age and Five-Year Infant Death Rate, Montana Residents, 1999-2023**

Year	Births	0-7 Days	8-27 Days	28 Days - 1 Year	All Infant Deaths	Infant Death Rate*
2019-2023	55,350	127	33	116	279	5.0
2014-2018	60,600	159	35	134	335	5.5
2009-2013	60,780	165	43	138	349	5.7
2004-2008	60,618	158	40	166	367	6.1
1999-2003	55,101	175	37	149	364	6.6

\* Rate per 1,000 live births

**Table D-6: Frequency of Maternal and Late Maternal Deaths\* by Year, Montana Residents, 2012-2023**

Cause of Death	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total, all Maternal and Late Maternal Causes	6	9	7	5	4	3	4	1	1	4	6	2
Maternal causes (A34,0000-095,0980-099)	4	4	6	3	2	2	2	1	0	3	4	0
Pregnancy with abortive outcome (0000-007)	0	0	1	0	0	0	0	0	0	0	0	0
Ectopic pregnancy (000)	0	0	1	0	0	0	0	0	0	0	0	0
Spontaneous abortion (003)	0	0	0	0	0	0	0	0	0	0	0	0
Medical abortion (004)	0	0	0	0	0	0	0	0	0	0	0	0
Other abortion (005)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified pregnancy with abortive outcome (0010-002,0060-007)	0	0	0	0	0	0	0	0	0	0	0	0
Other direct obstetric causes (A34,0100-092)	2	1	1	2	1	2	1	0	0	3	3	0
Eclampsia and preEclampsia (011,0130-016)	0	0	0	0	0	2	0	0	0	0	1	0
Hemorrhage of pregnancy and childbirth and placenta previa (020,0440-046,067,072)	0	0	1	0	0	0	0	0	0	0	0	0
Complications predominately related to the puerperium	0	0	0	1	0	0	0	0	0	0	0	0
Obstetrical tetanus (A34)	0	0	0	0	0	0	0	0	0	0	0	0
Obstetric embolism (088)	0	0	0	1	0	0	0	0	0	0	0	0
Other complications predominately related to the puerperium (0850-087,0890-092)	0	0	0	0	0	0	0	0	0	0	0	0
All other direct obstetric causes (010,012,0210-043,0470-066,0680-071,0730-075)	2	1	0	1	1	0	1	0	0	3	2	0
Obstetric death of unspecified cause (095)	0	0	0	0	0	0	0	0	0	0	1	0
Indirect obstetric causes (0980-099)	2	3	4	1	1	0	1	1	0	0	0	0
Maternal causes more than 42 days after delivery or termination of pregnancy (0960-097)	2	5	1	2	2	1	2	0	1	1	2	2
Death from any obstetric cause occurring more than 42 days but less than one year after delivery (096)	2	5	1	2	2	1	2	0	1	1	2	2
Death from sequelae of direct obstetric causes (097)	0	0	0	0	0	0	0	0	0	0	0	0

\* A "maternal death" is the death of a female while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accident or incidental causes. Maternal conditions are those assigned to pregnancy, childbirth, and the puerperium (ICD-10 codes A34, 000-095, and 098-099). "Late maternal deaths" are those attributed to the same causes but which occurred more than 42 days after termination of the pregnancy. The 2003 revision of the Montana death certificate added a pregnancy history item which indicates whether the decedent was pregnant within the 12 months prior to death. This new item makes the identification of a greater number of maternal and late maternal deaths possible.

**Table D-7: Minimum, Maximum, Mean, and Median Age at Death For Select Rankable Causes of Death, Montana Residents, 2019-2023**

Cause of Death	Mean Age	Median Age		Minimum Age	Maximum Age	Number of Deaths
		All Races	AI/AN*			
All Causes of Death	73.4	77	61	0	112	57,959
Diseases of heart	77.4	79	67	0	112	12,244
Malignant neoplasms (Cancer)	73.1	74	68	1	104	10,819
Accidents (unintentional injuries)	57.5	59	39	0	109	3,809
COVID-19	75.0	76	68	0	103	3,382
Chronic lower respiratory diseases	77.2	78	73	1	109	3,286
Cerebrovascular diseases (Stroke)	79.7	82	73	0	111	2,114
Alzheimer's disease	85.8	87	86	51	106	1,682
Diabetes mellitus	71.9	73	62	15	107	1,601
Intentional self-harm (suicide)	46.7	45	30	11	97	1,577
Chronic liver disease and cirrhosis	56.7	58	48	18	100	1,262
Nephritis, nephrotic syndrome and nephrosis (Kidney Disease)	76.2	78	68	0	107	775
Parkinson's disease	81.4	82	81.5	50	102	691
Nutritional deficiencies	84.5	87	70	0	109	635
Influenza and pneumonia	76.6	80	65	0	104	616
Septicemia	73.3	75	65	0	107	533
Essential hypertension and hypertensive renal disease	80.7	83	70	36	105	471
Pneumonitis due to solids and liquids	79.6	82	63	21	102	331
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	78.6	80.5	75	11	103	322
Assault (homicide)	37.6	35.5	33	0	88	254
Aortic aneurysm and dissection	75.1	78	74	28	100	208
Congenital malformations, deformations (birth defects) and chromosomal abnormalities	37.0	42	1	0	100	166
Certain conditions originating in the perinatal period (Perinatal conditions)	1.1	0	0	0	62	111
Anemias	80.5	83	67	9	103	109

\*American Indian or Alaska Native, include all individuals who identified as AI/AN even if they also identified as another race.

**Table F-1: Frequency of Fetal Death by Completed Weeks of Gestation and up to 124 Underlying Causes of Death, Montana Residents, 2023**

Cause of Death*	All Fetal Deaths**	Less Than 23 Weeks	23 To 33 Weeks	34 Weeks Or More
All Causes	48	16	15	17
Fetus affected by maternal conditions that may be unrelated to present pregnancy	5	1	1	3
Fetus affected by maternal complications of pregnancy	7	7	0	0
Fetus affected by complications of placenta, cord and membranes	13	4	3	6
Fetus affected by noxious influences transmitted via placenta	1	0	1	0
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	1	0	0	1
Hydrops fetalis not due to hemolytic disease	1	0	1	0
Fetal death of unspecified cause	14	1	8	5
Congenital malformations, deformations and chromosomal abnormalities	6	3	1	2

\* For ICD-10 code associated with each of these causes refer to Table E in the NCHS Instruction Manual Part 9. Only rankable causes of death are listed here.

\*\* Fetal deaths are reportable if the fetus weighs at least 350 grams or if the weight is unknown is at least 20 weeks gestation.

**Table A-1: Frequency and Percent Induced Abortions by Age of Patient and Year, Montana Occurrences, 2003-2023**

Year	Total	Younger than 15		15-19		20-24		25-29		30-34		35-39		40 and Older	
		Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
2023	2,175	5	0.2%	232	10.6%	686	31.5%	520	23.9%	413	18.9%	221	10.1%	98	4.5%
2022	1,702	6	0.4%	189	11.1%	490	28.7%	444	26.0%	313	18.3%	186	10.9%	74	4.3%
2021	1,798	7	0.4%	193	10.7%	541	30.0%	474	26.3%	342	19.0%	172	9.5%	69	3.8%
2020	1,675	6	0.4%	200	11.9%	460	27.4%	445	26.5%	304	18.1%	191	11.4%	69	4.1%
2019	1,568	5	0.3%	157	10.0%	458	29.2%	454	28.9%	269	17.1%	161	10.2%	64	4.0%
2018	1,674	†		184	10.9%	479	28.6%	467	27.8%	307	18.3%	172	10.2%	59	3.5%
2017	1,561	†		185	11.8%	484	31.0%	428	27.4%	231	14.7%	165	10.5%	63	4.0%
2016	1,618	†		169	10.4%	505	31.2%	419	25.8%	276	17.0%	173	10.6%	71	4.3%
2015	1,611	†		201	12.4%	515	31.9%	419	26.0%	269	16.6%	145	9.0%	58	3.6%
2014	1,690	†		229	13.5%	573	33.9%	437	25.8%	259	15.3%	137	8.1%	50	2.9%
2013	1,842	10	0.5%	241	13.0%	609	33.0%	450	24.4%	296	16.0%	174	9.4%	62	3.3%
2012	2,031	10	0.5%	298	14.6%	695	34.2%	482	23.7%	296	14.5%	170	8.3%	80	3.9%
2011	2,147	6	0.3%	356	16.5%	730	34.0%	507	23.6%	297	13.8%	159	7.4%	92	4.2%
2010	2,160	11	0.5%	341	15.7%	760	35.1%	509	23.5%	291	13.4%	178	8.2%	70	3.2%
2009	2,223	8	0.4%	395	17.7%	736	33.1%	540	24.2%	285	12.8%	188	8.4%	70	3.1%
2008	2,125	12	0.6%	395	18.5%	753	35.4%	479	22.5%	271	12.7%	160	7.5%	54	2.5%
2007	2,238	8	0.4%	418	18.6%	818	36.5%	479	21.4%	261	11.6%	182	8.1%	72	3.2%
2006	2,119	13	0.6%	400	18.8%	773	36.4%	453	21.3%	234	11.0%	158	7.4%	87	4.1%
2005	2,155	7	0.3%	467	21.6%	737	34.1%	412	19.1%	289	13.4%	170	7.8%	72	3.3%
2004	2,256	9	0.4%	443	19.6%	786	34.8%	483	21.4%	250	11.0%	183	8.1%	101	4.4%
2003	2,213	9	0.4%	464	20.9%	742	33.5%	471	21.2%	255	11.5%	179	8.0%	89	4.0%

† Frequency is fewer than five.

**Table A-2: Frequency and Percent of Induced Abortions by Completed Weeks of Gestation and Year, Montana Occurrences, 2003-2023**

Year	Total	8 or Fewer Weeks		9 - 13 Weeks		14 - 15 Weeks		16 - 17 Weeks		18 - 20 Weeks		21 or More Weeks		Not Stated	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
2023	2,175	1,792	82.3%	282	12.9%	49	2.2%	27	1.2%	16	0.7%	†		5	0.2%
2022	1,702	1,348	79.2%	250	14.6%	52	3.0%	23	1.3%	13	0.8%	†		15	0.9%
2021	1,798	1,371	76.2%	331	18.4%	51	2.8%	22	1.2%	13	0.7%	†		7	0.4%
2020	1,675	1,218	72.7%	358	21.3%	39	2.3%	29	1.7%	22	1.3%	†		6	0.4%
2019	1,568	1,101	70.2%	337	21.4%	51	3.2%	34	2.1%	34	2.1%	11	0.7%	0	0.0%
2018	1,674	1,129	67.4%	410	24.4%	55	3.2%	33	1.9%	34	2.0%	10	0.6%	†	
2017	1,561	1,046	67.0%	379	24.2%	53	3.3%	34	2.1%	36	2.3%	13	0.8%	0	0.0%
2016	1,618	1,031	63.7%	423	26.1%	75	4.6%	41	2.5%	35	2.1%	11	0.7%	†	
2015	1,611	1,044	64.8%	407	25.2%	62	3.8%	47	2.9%	40	2.4%	8	0.5%	†	
2014	1,690	1,127	66.6%	405	23.9%	64	3.7%	37	2.1%	46	2.7%	9	0.5%	†	
2013	1,842	1,268	68.8%	415	22.5%	73	3.9%	36	1.9%	39	2.1%	11	0.6%	0	0.0%
2012	2,031	1,399	68.8%	487	23.9%	68	3.3%	32	1.5%	31	1.5%	14	0.7%	0	0.0%
2011	2,147	1,491	69.4%	520	24.2%	61	2.8%	27	1.2%	39	1.8%	9	0.4%	0	0.0%
2010	2,160	1,497	69.3%	513	23.7%	57	2.6%	35	1.6%	42	1.9%	12	0.6%	†	
2009	2,223	1,506	67.7%	546	24.5%	75	3.3%	46	2.0%	39	1.7%	10	0.4%	†	
2008	2,125	1,344	63.2%	627	29.5%	67	3.1%	33	1.5%	40	1.8%	10	0.5%	†	
2007	2,238	1,389	62.0%	669	29.8%	61	2.7%	49	2.1%	59	2.6%	†		7	0.3%
2006	2,119	1,167	55.0%	769	36.2%	88	4.1%	45	2.1%	47	2.2%	†		†	
2005	2,155	1,155	53.5%	753	34.9%	99	4.5%	62	2.8%	63	2.9%	22	1.0%	†	
2004	2,256	1,164	51.5%	822	36.4%	86	3.8%	60	2.6%	92	4.0%	32	1.4%	0	0.0%
2003	2,213	1,185	53.5%	775	35.0%	99	4.4%	48	2.1%	72	3.2%	27	1.2%	7	0.3%

† Frequency is fewer than five.

**Table A-3: Frequency and Percent Induced Abortions by Method\* and Year, Montana Occurrences, 2003-2023**

Year	Total	Surgical		Medical	
		Number	Percent	Number	Percent
2023	2,175	385	17.7%	1,790	82.2%
2022	1,702	403	23.6%	1,299	76.3%
2021	1,798	484	26.9%	1,314	73.0%
2020	1,675	579	34.5%	1,094	65.3%
2019	1,568	652	41.5%	916	58.4%
2018	1,674	740	44.2%	932	55.6%
2017	1,561	655	41.9%	905	57.9%
2016	1,618	785	48.5%	833	51.4%
2015	1,611	832	51.6%	779	48.3%
2014	1,690	822	48.6%	868	51.3%
2013	1,842	1,052	57.1%	789	42.8%
2012	2,031	1,175	57.8%	856	42.1%
2011	2,147	1,332	62.0%	814	37.9%
2010	2,160	1,404	65.0%	756	35.0%
2009	2,223	1,455	65.4%	765	34.4%
2008	2,125	1,519	71.4%	605	28.4%
2007	2,238	1,678	74.9%	499	22.2%
2006	2,119	1,887	89.0%	232	10.9%
2005	2,155	2,005	93.0%	150	6.9%
2004	2,256	2,137	94.7%	119	5.2%
2003	2,213	2,116	95.6%	97	4.3%

\* Other methods such as intrauterine instillation and hysterectomy/hysterotomy are very rare.

**Table A-4: Frequency and Percent Induced Abortions by Race\* of the Patient and Year, Montana Occurrences, 2008-2023**

Year	Total	White		AI/AN	
		Number	Percent	Number	Percent
2023	2,175	1,826	84.0%	224	10.3%
2022	1,702	1,431	84.1%	163	9.6%
2021	1,798	1,534	85.3%	217	12.1%
2020	1,675	1,470	87.8%	158	9.4%
2019	1,568	1,371	87.4%	135	8.6%
2018	1,674	1,472	87.9%	153	9.1%
2017	1,561	1,377	88.2%	151	9.7%
2016	1,618	1,429	88.3%	137	8.5%
2015	1,611	1,420	88.1%	138	8.6%
2014	1,690	1,524	90.2%	121	7.2%
2013	1,842	1,619	87.9%	177	9.6%
2012	2,031	1,819	89.6%	165	8.1%
2011	2,147	1,917	89.3%	167	7.8%
2010	2,160	1,907	88.3%	198	9.2%
2009	2,223	1,921	86.4%	198	8.9%
2008	2,125	1,829	86.1%	205	9.6%

\* Race groups include all individuals who identified as that race even if they also identified as another race. As such, some individuals are counted in multiple race categories. Any racial category may include "Hispanic".



**Table A-5: Frequency and Percent Induced Abortions by Number of Previous Induced Abortions and Year, Montana Occurrences, 2003-2023**

Year	Total	0		1		2		3 or More	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
2023	2,175	1,165	53.5%	720	33.1%	202	9.2%	87	4.0%
2022	1,702	860	50.5%	579	34.0%	184	10.8%	79	4.6%
2021	1,798	856	47.6%	629	34.9%	203	11.2%	110	6.1%
2020	1,675	722	43.1%	631	37.6%	218	13.0%	104	6.2%
2019	1,568	643	41.0%	622	39.6%	199	12.6%	104	6.6%
2018	1,674	628	37.5%	690	41.2%	236	14.0%	120	7.1%
2017	1,561	552	35.3%	691	44.2%	238	15.2%	80	5.1%
2016	1,618	618	38.1%	664	41.0%	260	16.0%	76	4.6%
2015	1,611	563	34.9%	716	44.4%	221	13.7%	111	6.8%
2014	1,690	427	25.2%	934	55.2%	220	13.0%	109	6.4%
2013	1,842	612	33.2%	831	45.1%	266	14.4%	133	7.2%
2012	2,031	810	39.8%	823	40.5%	284	13.9%	114	5.6%
2011	2,147	837	38.9%	877	40.8%	291	13.5%	142	6.6%
2010	2,160	894	41.3%	805	37.2%	307	14.2%	154	7.1%
2009	2,223	852	38.3%	891	40.0%	316	14.2%	164	7.3%
2008	2,125	754	35.4%	905	42.5%	324	15.2%	142	6.6%
2007	2,238	722	32.2%	1,001	44.7%	341	15.2%	174	7.7%
2006	2,119	782	36.9%	908	42.8%	299	14.1%	130	6.1%
2005	2,155	1,293	60.0%	571	26.4%	193	8.9%	96	4.4%
2004	2,256	1,407	62.3%	566	25.0%	181	8.0%	102	4.5%
2003	2,213	1,431	64.6%	543	24.5%	168	7.5%	71	3.2%

**Table A-6: Frequency and Percent Induced Abortions by Number of Previous Live Births and Year, Montana Occurrences, 2003-2023**

Year	Total	0		1		2		3		4 or More	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
2023	2,175	1,153	53.0%	473	21.7%	300	13.7%	143	6.5%	106	4.8%
2022	1,702	879	51.6%	383	22.5%	256	15.0%	116	6.8%	68	3.9%
2021	1,798	907	50.4%	370	20.5%	286	15.9%	151	8.3%	84	4.6%
2020	1,675	823	49.1%	330	19.7%	298	17.7%	134	8.0%	89	5.3%
2019	1,568	746	47.5%	357	22.7%	260	16.5%	129	8.2%	76	4.8%
2018	1,674	795	47.4%	343	20.4%	301	17.9%	150	8.9%	85	5.0%
2017	1,561	752	48.1%	349	22.3%	236	15.1%	144	9.2%	79	5.0%
2016	1,618	770	47.5%	361	22.3%	297	18.3%	126	7.7%	64	3.9%
2015	1,611	820	50.9%	355	22.0%	249	15.4%	126	7.8%	61	3.7%
2014	1,690	847	50.1%	414	24.4%	260	15.3%	110	6.5%	59	3.4%
2013	1,842	928	50.3%	412	22.3%	295	16.0%	137	7.4%	70	3.8%
2012	2,031	1,031	50.7%	420	20.6%	370	18.2%	144	7.0%	66	3.2%
2011	2,147	1,126	52.4%	441	20.5%	354	16.4%	153	7.1%	72	3.3%
2010	2,160	1,055	48.8%	504	23.3%	356	16.4%	162	7.5%	83	3.8%
2009	2,223	1,038	46.6%	541	24.3%	386	17.3%	162	7.2%	96	4.3%
2008	2,125	1,046	49.2%	516	24.2%	352	16.5%	132	6.2%	79	3.7%
2007	2,238	1,115	49.8%	503	22.4%	394	17.6%	149	6.6%	76	3.3%
2006	2,119	1,097	51.7%	449	21.1%	356	16.8%	151	7.1%	66	3.1%
2005	2,155	1,076	49.9%	501	23.2%	357	16.5%	158	7.3%	61	2.8%
2004	2,256	1,102	48.8%	492	21.8%	434	19.2%	149	6.6%	79	3.5%
2003	2,213	1,069	48.3%	545	24.6%	378	17.0%	155	7.0%	66	2.9%