

Interim Analysis of COVID-19 cases in Montana (as of 10/16/2020)

This report is an interim epidemiological review of COVID-19 cases in Montana. Data is analyzed based on information available as of October 16, 2020. Current case count at the time of analysis is:

Case Count = 22,233

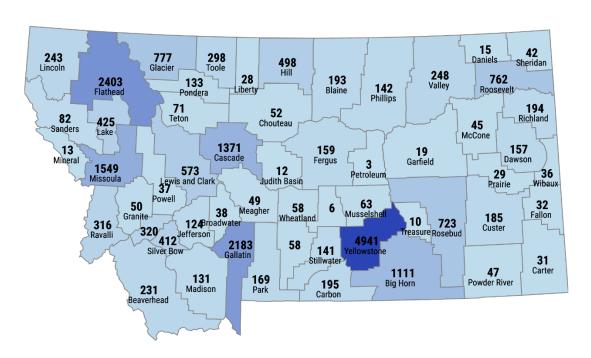
This report is completed using data that is available during the time of analysis and there may be a delay between current case count and this report, due to rapidly changing updates. When data is limited to available information, number of cases included in analysis is indicated in graphs.

Geographic Distribution

There are 22,233 cases of COVID-19 reported in all 56 counties in Montana. Most cases are reported in more populous counties. Yellowstone County and Flathead County have been the most impacted, reporting 22% and 11% of all reported cases, respectively. Gallatin (10%), Missoula (7%), Cascade (6%), and Big Horn (5%) counties report more than 1,000 cases each (Figure 1).

Figure 1: Map of Reported Montana COVID-19 cases*





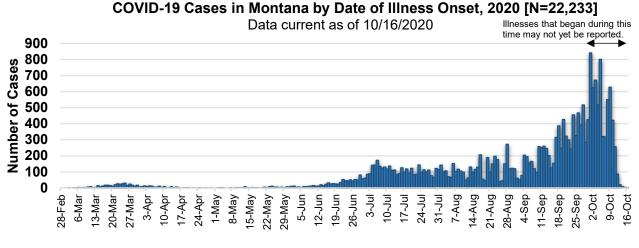
^{*}Cases reported on the map initially included residents of other states who were tested and isolated in Montana. As COVID-19 is now widespread across the United States, the map no longer includes out of state residents who test positive in Montana in order to align with CSTE residency guidelines that classify cases by the individual's state of residence. This is standard practice for all communicable diseases to ensure accurate data for Montana.



Epidemiological Data

A total of 22,233 cases were reported as of 10/16/2020. Illness onset date is available for one quarter (25%) of reported cases. When onset date is not available, collection date is used to calculate an estimated onset date (Figure 2). Illness onsets that occurred within the past 10 days may not yet be reported due to lag time between illness onset, seeking healthcare for testing, and receiving test results.

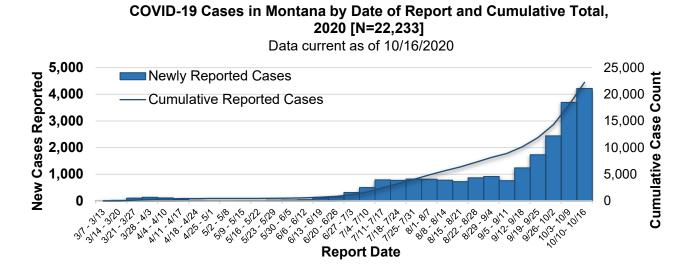
Figure 2: Epi Curve for Montana COVID-19 cases



Illness Onset Date

The first COVID-19 case in Montana was reported on 3/11/2020. Since then, the number of cases in Montana has climbed to 22,233 (Figure 3). An early peak occurred in late March. By June, 500 case reports were reached, and growth became exponential, then slowed through August and grew exponentially again in September. The largest increases of new cases occurred in October with more than 3,600 cases reported during the first week of that month and more than 4,200 during the second week. Of note, updated CDC contact tracing recommendations on May 29, 2020 may contribute to increased case reports as all contacts to a case are recommended to be tested.

Figure 3: Cumulative reported cases for COVID-19 in Montana

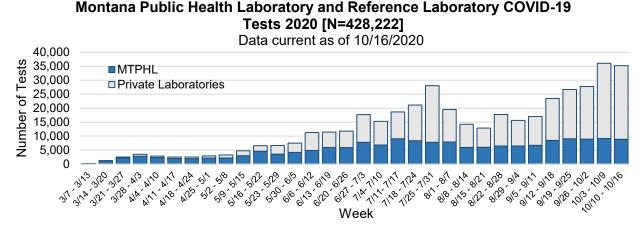




Laboratory Data

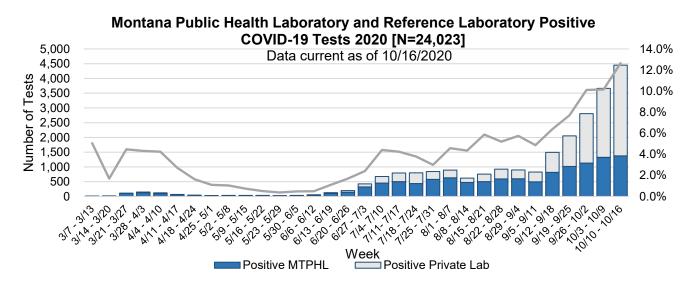
COVID-19 testing was initially available solely through the CDC. COVID-19 PCR testing capability was implemented by the Montana Public Health Laboratory (MTPHL) on March 9th. Private laboratories began implementing COVID-19 testing in the weeks following. Private laboratories include reference laboratories and those in smaller hospital labs performing point-of-care (POC) testing. A total of 428,222 tests have been completed to date. In October, an average of 36,000 tests were completed weekly, which is up by 50% of the number of specimens tested weekly in September (Figure 4).

Figure 4: Total Laboratory Testing for COVID-19 in Montana



So far 24,023 positive tests have been resulted through MTPHL and private laboratories. Some of these tests are repeat specimens from the same individual to check for clearance of the virus, but positive cases are only counted once. The overall positivity rate for all laboratory testing to date is about 5.6%, though this has varied over time. During the first peak in late March and early April, the weekly positivity reached over 4% and has dropped down to a low of 0.4% in May. In June, the average weekly positivity began to rise, reaching an average of 4-5% in July and August. The weekly average in September was 8% and has been around 11% in October (Figure 5).

Figure 5: Positive Laboratory Tests for COVID-19 in Montana





Of all COVID-19 tests conducted in Montana, most were from persons tested in Yellowstone County (17%), followed by Cascade (9%), Flathead (9%), Missoula (9%), and Gallatin (9%) counties (Figure 6). Lab testing data is displayed for county of residence when known. When county of residence is unknown, the county of the facility collecting the test was used. Positive case reports are reflected in Figure 1 and are always counted by county of residence.

COVID-19 Testing in Montana as of 10/16/2020 **Daniels** Sheridan Lincoln Hill 269 989 6550 15550 2820 Valley 7329 Roosevelt **Blaine** Phillins 2094 3705 38618 1347 Lake McCone 263 1633 11510 348 Garfield Fergus 39754 792 5392 269 5143 Missoula Lewis and Clar Judith Basin 38175 Powell 27867 570 316 Granite Fallon Broadwater 521 732 824 894 10 Jefferson 750 5659 6634 ver Bow 1621 8686 12842 Stillwater 14177 71354 37778 1237 Carter 1219 **Powder River** Big Horn 359

Carbon

Test Rate per 1,000 residents

500

1000

1500

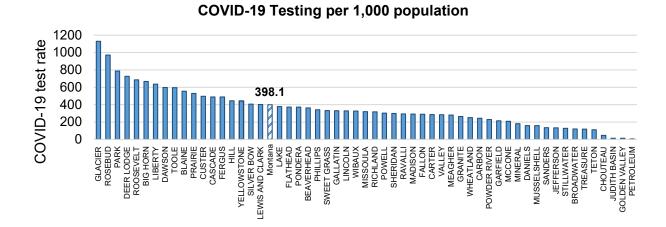
Figure 6: COVID-19 Total Tests and Test Rate in Montana

Counties with the highest COVID testing rates are Glacier (1130.7/1,000), Rosebud (971.9/1,000), Park (786.2/1,000), Deer Lodge (725.8/1,000), and Roosevelt (684.8/1,000) counties (Figure 6 & 7). The average COVID testing rate for Montana is 398.1/1,000 population. Large scale community test events contribute to variations in COVID testing rates by county.

13055



3428



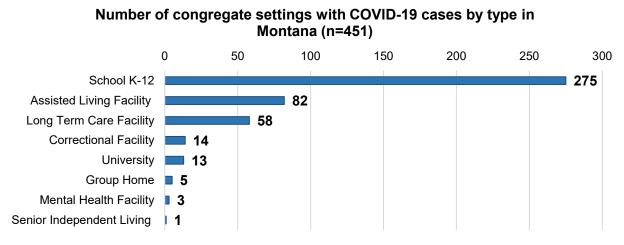
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Congregate Settings

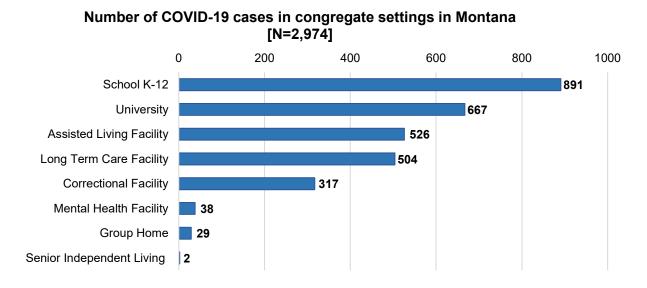
A congregate setting is an environment where a number of people reside, meet or gather in close proximity for either a limited or extended period of time. Examples of congregate settings include homeless shelters, group homes, prisons, detention centers, schools and workplaces. There are 49 counties that have reported at least one congregate setting with a COVID-19 outbreak in Montana. Most outbreaks occur in schools, assisted living facilities (ALF) and long-term care facilities (LTCF), but outbreaks in other settings, such as correctional facilities, group homes and mental health facilities have also been reported (Figure 8).

Figure 8: Type and number of congregate settings experiencing a COVID-19 outbreak in Montana



A total of 2,974 cases can be attributed to outbreaks at congregate setting, most of them are residents, meaning people who reside at these locations (i.e. residents, inmates, students) versus staff, who frequent these settings as employees (i.e. nursing staff, jailors, teachers) (Figure 9). Seventy-one persons with COVID-19 have died as part of outbreaks associated with congregate settings, about one third of all COVID-19 reported deaths in the state. Most of those deaths (94%) occurred at ALFs and LTCFs.

Figure 9: Number of COVID-19 residents and staff by type of congregate setting in Montana

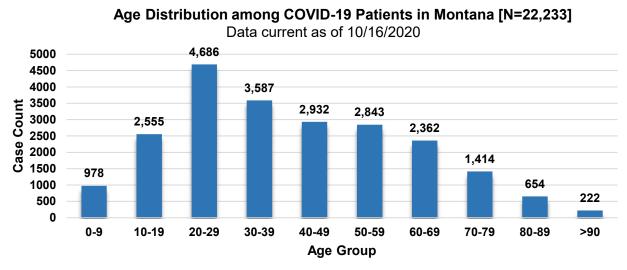




Age and Demographic Distribution

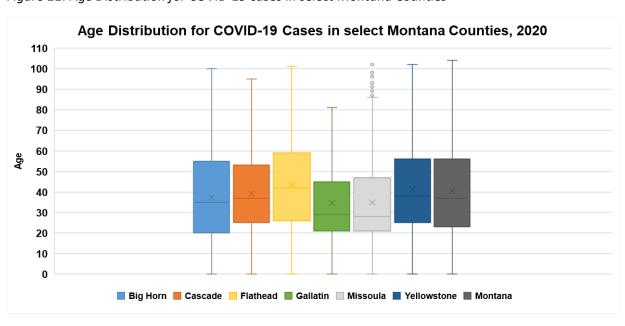
To date, persons between 20-29 years of age account for 21% of all reported COVID-19 cases in Montana. The next most common age group is 30-39 years (16%), followed by 40-49 (13%) and 50-59 years (13%) (Figure 10). The median age for all cases is 37 years of age (range: <1-102 years). Fifty percent of cases are between 23-56 years of age.

Figure 10: Age Distribution for COVID-19 cases in Montana



In the six counties with more than 1,000 reported cases, the age distribution shows some slight variations. Most of these counties report ages comparable to the state average. Reported cases in Gallatin and Missoula Counties tend to be younger than cases in other counties. Gallatin and Missoula counties report a lower median age of 29 and 28 years old, respectively. Cases in Flathead county tend to be older, with a median age of 42 years old (Figure 11).

Figure 11: Age Distribution for COVID-19 cases in select Montana Counties





Persons infected with COVID-19 are equally distributed among men and women, with 52% of cases

reported as female and 48% reported as male. Of 12,936 (58%) cases with known race at the time of report, 72% of persons identify as white and 23% as American Indian, Alaska Native, Native Hawaiian, or Pacific Islander. Other races, comprising less than 5% of the cases, identify as African American, Asian or other race (Table 1). Ninety-six percent of all cases with ethnicity information available, identify as non-Hispanic and four percent as Hispanic. Native Americans make up about 7% of Montana's population, but represent 23% of reported COVID-19 cases in the state.

Count Percent Race 9,339 72% White American Indian, Alaska 3,016 23% Native, Native Hawaiian, Pacific Islander Black or African 94 0.7% American 57 0.4% Asian 430 3.3% Other

Table 1: Race of COVID-19 Cases in Montana (n=12,936)

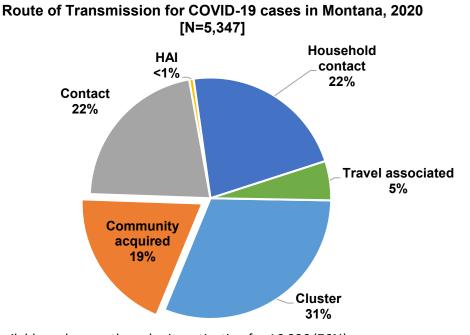
12,936

Transmission Characteristics

There are 56 counties reporting COVID-19 cases and even though 36 of those counties indicate that at least one person acquired the virus in the community, 14 counties have reported widespread community acquired transmission occurring in their county. Of current data available, about 44% of cases were contacts to a known case, either within the household or otherwise. Clusters identified 31% of new case reports, and 19% of all cases with known transmission information likely acquired the virus in the community; most of those are in Gallatin and Yellowstone counties. Five percent of reported cases likely acquired the virus through travel-related exposures (Figure 12).

TOTAL

Figure 12: Known Routes of Transmission for Montana COVID-19



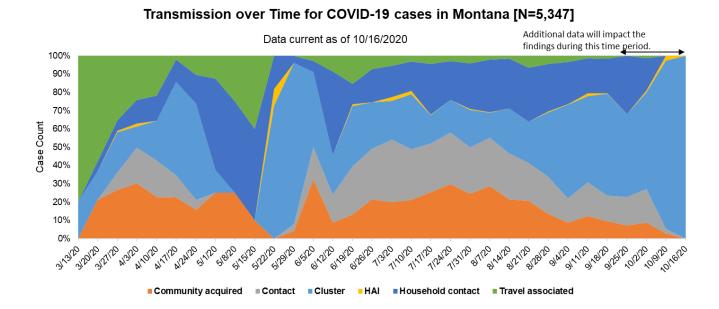
Data unavailable and currently under investigation for 16,886 (76%) persons.



CATEGORY	DEFINITION
TRAVEL ASSOCIATED	Case traveled out-of-state during the incubation period
COMMUNITY ACQUIRED	Case was unable to be linked with other known cases
CONTACT	Contact to a case not in their household and not part of a known cluster
HOUSEHOLD CONTACT	Household contact to a confirmed case
CLUSTER	Case is part of a known cluster
HAI	Healthcare-associated infection
UNDER INVESTIGATION	Likely route of transmission is still under investigation

Transmission changes over time can indicate effective public health efforts, such as timely investigations, thorough contact findings, and measures to reduce community-acquired transmission. Transmission information is generally unknown for newly reported cases under investigation. Contact tracing and cluster investigations have significantly contributed to finding new cases, indicating that disease control efforts through local public health staff are identifying those infected and isolating them appropriately. New clusters were identified towards the end of May and by September they contribute to more than half of new case reports. Contacts and household contacts continue to be identified, making up nearly half of all cases reported in September and October. The percent of community-acquired cases steadily contributed to disease counts until mid-May. After that, new community-acquired cases only contributed to new COVID-19 reports periodically, with increased frequency in June and July. By September, cases that were community-acquired significantly dropped. Travel-related transmission contributed to most cases early in the outbreak and then declined significantly, contributing only sporadically to new cases over time (Figure 13). Persons are more likely to acquire the virus through contact with a known case, especially within a household, or during a cluster investigation.

Figure 13: Percent of known transmission contributing to COVID-19 Montana cases

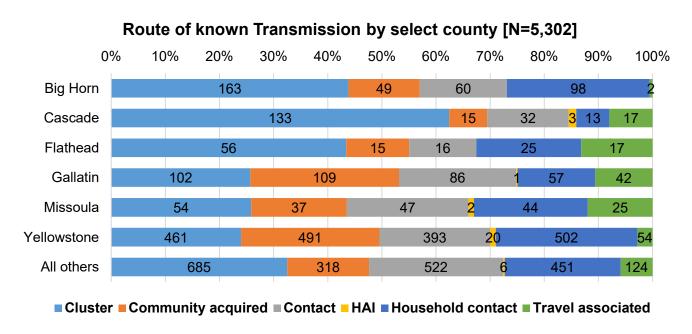


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More detail about route of transmission has been analyzed for the six counties with more than 1,000 reported cases. Clusters contribute to nearly two thirds of new cases in Cascade County and more than 40% of all cases in Big Horn and Flathead Counties. Contacts contribute to more than 40% of new cases in Big Horn, Missoula and Yellowstone counties. Gallatin, Yellowstone and Missoula counties have most cases attributable to community-acquired transmission (27%, 26% and 18% respectively). Travel-associated transmissions account for 13% of new cases in Flathead County and about 12% of cases in Missoula County (Figure 14). Of all other counties reporting less than 1,000 cases, nearly half are contacts or household contacts, and one third are part of clusters. About 15% (1 out of 7) percent acquired the virus in the community and six percent were likely travel related.

Figure 14: Breakdown of known transmission for select counties

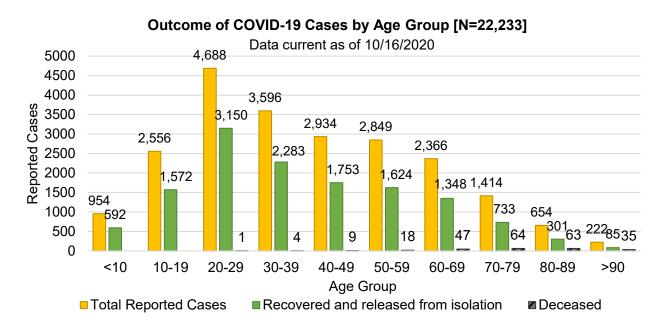


Outcomes

The current outcomes of COVID-19 cases in Montana depict the impact of the illness on the population. There are currently 8,551 (38%) persons actively infected and 13,441 (60%) persons who have recovered, meaning they have cleared the illness and are released from isolation (Figure 15). There are 241 persons, who were infected with COVID-19, who have died. Persons who died were between 24 and 100 years of age, with a median age of 77 years old. Fifty-six percent were male. For those who died, and race was known, 107 (60%) of them identified as white and 69 (39%) as Native American.

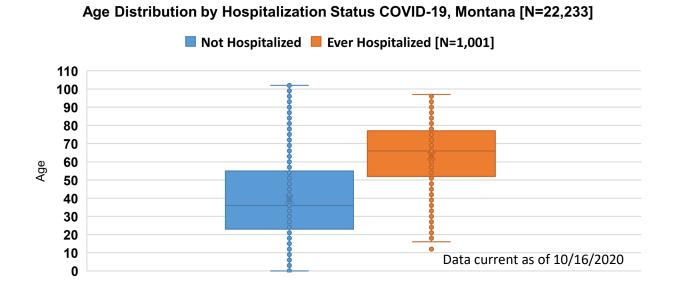


Figure 15: Current infections and illness outcomes for Montana COVID-19



Persons who required hospitalization for COVID-19 are generally much older than those not requiring hospitalization (Figure 16). To date, 1,001 persons have been hospitalized with a median age of 66 years, half of them are between 52 and 77 years old. Those who did not require hospitalization have a median age of 36, and half of patients are between 23 and 55 years old. Nine percent of Native Americans and 11% of Blacks infected with COVID-19 required hospitalization versus five percent of those who identify as white and were infected with COVID-19.

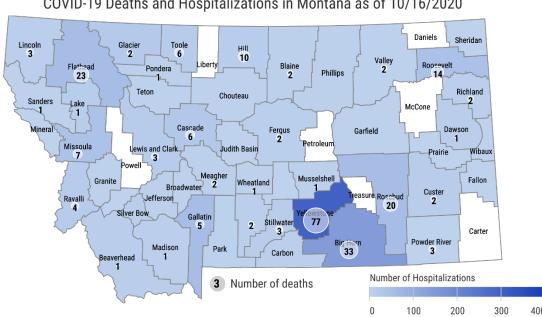
Figure 16: Age Distribution among COVID-19 cases compared by known hospitalization status





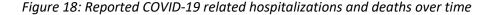
Reports of hospitalizations and deaths vary by county. Yellowstone County has reported the most cases, hospitalizations and deaths during the outbreak so far. Counties reporting ten or more deaths include Yellowstone (77), Big Horn (33), Flathead (23), Rosebud (20), Roosevelt (14), and Hill (10). Darker shading indicates higher number of persons hospitalized. Number of deaths reported by county are enumerated (Figure 17).

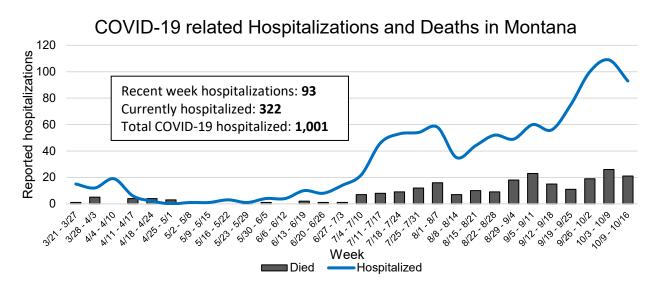
Figure 17: COVID-19 Hospitalizations and Deaths by County



COVID-19 Deaths and Hospitalizations in Montana as of 10/16/2020

As the case counts climb, more persons require hospitalization. From the beginning of the epidemic, hospitalizations and deaths remained low until mid-July, when new admissions and deaths increased and continue to rise (Figure 18). By late September, another significant increase in hospital admissions occurred, reaching more than 100 new hospital admissions in a week.





Counties Re	portir	ng CO\	/ID-19	Cases	with	Trend	line –	Mont	ana 20	20																							
County	13-Mar	20-Mar	27-Ma	3-Apr	10-Apr	17-Apr	24-Apr	1-May	8-May	15-May	22-May	29-May	5-Jun	12-Jur	19-Jun	26-Jun	3-Jul	10-Jul	17-Jul	24-Jul	31-Jul	7-Aug	14-Aug	21-Aug	28-Aug	4-Sep	11-Sep	18-Sep	25-Sep	2-Oct	9-Oct	16-Oct	Trend
Beaverhead	0	0	C	1	. 0	C	0	0	0	0	(0	0	C	0	0	0	2	6	17	21	15	6	1	1	2	2	2	9	46	60	39	^
Big Horn	0	0	(0	1	. 2	0	0	0	5	(20	8	8	3 11	17	13	26	27	79	102	104	87	76	68	62	56	61	68	58	64	90	
Blaine	0	0	(0	0	C	0	0	0	0	(0	0	(0	0	0	0	4	3	1	2	5	1	0	0	0	1	. 5	54	40	82	<i>N</i>
Broadwater	1	. 0	1	. 2	. 0	C	0	0	0	0	(0	0	C	0	1	0	3	1	1	1	0	3	0	2	0	1	0	0	1	4	16	
Carbon	0	0	C	1	. 5	C	0	0	0	0	(0	0	C	7	5	8	5	9	5	11	12	6	7	4	7	5	9	9	13	28	38	<u></u>
Carter	0	0	C	0	0	C	0	0	0	0	(0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0) 4	6	0	23	<i>\</i>
Cascade	0	0	7	4	. 2	C	1	1	1	1	(0	0	C) 4	6	7	14	21	42	34	19	18	16	83	95	66	84	148	191	176	335	
Chouteau	0	0	(0	0	C	0	0	0	0	(0	0	C	0	0	0	0	3	0	3	4	0	0	0	1	4	3	10	7	11	5	M
Custer	0	0	C	0	0	C	0	0	0	0	(0	0	3	18	4	5	8	3	6	5	9	0	2	3	3	8	24	15	5	19	45	<u></u> ^
Daniels	0	0	(0	0	C	0	0	0	0	(0	0	(0	0	0	0	0	1	1	1	0	0	0	0	0	0	2	0	6	4	^ <u></u>
Dawson	0	0	(0	0	C	0	0	0	0	(0	0	() 1	7	0	0	0	1	7	1	13	2	9	11	8	8	11	10	29	41	
Deer Lodge	0	0	C	3	0	C	0	0	0	0	(0	0	C	0	0	1	2	2	6	6	5	5	2	1	49	4	28	3	37	85	83	<u></u>
Fallon	0	0	(0	0	C	0	0	0	0	(0	0	C	0	0	0	0	1	1	0	0	0	0	0	1	1	1	. 0	11	8	8,	<u> </u>
Fergus	0	0	C	0	0	C	0	0	0	0	(0	0	C) 2	0	0	0	2	0	2	3	14	2	7	7	15	1	9	7	44	46	<u></u>
Flathead	0	2	4	14	14	. 3	0	0	0	0	(0	0	C	8	8	10	3	46	62	79	77	55	84	115	93	51	97	162	324	590	503	
Gallatin	1	3	42	55	34	. 7	4	0	3	0	(2	10	26	17	35	49	115	159	186	100	83	59	25	57	38	43	52	136	209	316	324	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Garfield	0	0	(0	0	C	0	0	0	0	(0	0	C	0	0	0	0	10	2	0	0	0	0	1	3	1	0	1	1	0	1,	
Glacier	0	0	C	1	. 2	1	. 0	2	. 0	0	(0	0	C	1	1	14	6	6	16	2	18	16	19	29	8	19	15	99	165	164	176	<u></u>
Golden Valley	0	0	C	0	1	. 2	0	0	0	0	(0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1,	
Granite	0	0	C	0	0	C	0 0	0	0	0	(0	0	C	0	2	2	2	0	0	1	9	2	0	1	2	1	0	0	6	3	19	
Hill	0	0	1	. 0	0	C	0	0	0	0	(0	0	(0	0	0	12	18	8	1	2	6	4	29	17	10	23	22	57	122	167	
Jefferson	0	0	2	. 0	0	C	0	0	0	1	(0	0	(0	0	0	3	8	4	7	3	3	3	5	2	4	10	19	15	14	21	<u>,,</u> ,
Judith Basin	0	0	C	0	0	C	0	0	0	0	(0	0	(0	0	0	0	0	1	2	0	0	0	3	0	0	0) 1	1	1	3	
Lake	1	. 0	1	. 3	0	C	0	0	0	0	(0	0	4	1	2	7	27	52	34	29	16	10	8	11	20	10	21	25	16	41	92	
Lewis and Clark	0	3	6	j 4	. 3	C	0	0	0	0	(0	2	1	. 3	3	6	13	33	23	28	27	21	15	5	9	3	14	53	87	83	129	
Liberty	0	0	1	. 0	0	C	0	0	0	0	(0	0	(0	0	0	0	0	0	0	0	0	0	4	2	8	1	. 2	2	5	3	<u>,</u>
Lincoln	0	0	3	3	1		0	0	0	0	(0	0	C	0	0	2	4	31	9	16	7	2	2	9	3	11	3	5	28	43	62	<u>/</u>
Madison	0	1	2	. 3	2	0	0	0	0	0	(0	0	(0	0	7	12	16	15	17	9	1	4	2	3	1	1	. 4	16	8	8 ,	
McCone	0	0	C	0	0	C	0	0	0	0	(0	0	C	0	0	0	0	0	1	0	2	2	0	6	3	1	4	0	8	4	14	<u></u>
Meagher	0	0	1	. 0	0	C	0	0	0	0	(0	0	(0	0	1	2	0	0	0	0	0	0	0	0	5	15	5 1	9	6	9	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
Mineral	0	0	(0	0	C	0	0	0	0	(0	0	C	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	4	3	4	
Missoula	0	4	5	g g	11	6	5 4	0	0	0	(0	0	C	9	18	40	17	37	44	49	71	56	23	27	18	27	101	169	149	407	265	
Musselshell	0	0	C	1	. 0	C	0 0	0	0	0	(0	0	C	0	0	0	0	0	0	1	1	1	2	5	8	4	9	3	2	2	24	<u></u>
Park	0	0	1	. 5	1	c	0	1	. 0	0	(0	0	C	0	1	4	3	14	10	7	8	7	1	0	4	9	10	12	15	29	27	
Petroleum						0	0	0	0	0	(0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	
Phillips	0	0	C	0	0	С	0	0	0	0	(0	0	C	0	0	0	0	0	0	0	27	64	16	3	4	0	3	4	2	6	13	<u></u>
Pondera	0	0	(0	0	1	1	0	0	0	(0	0	C	0	0	0	0	3	3	1	2	0	2	2	1	1	3	7	35	48	22	<u></u>

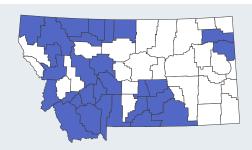
County	13-Mar	· 20-Mai	r 27-Mai	r 3-Apr	10-Apr	17-Apr	24-Apr	1-May	v 8-May	15-May 22	-May	29-May	5-Jun	12-Jun	19-Jun	26-Jun	3-Jul	10-Jul	17-Jul	24-Jul	31-Jul	7-Aug	14-Aug	21-Aug	28-Aug	4-Sep	11-Sep	18-Sep	25-Sep	2-Oct	9-Oct	16-Oct	Trend
Powder River	0	C) C	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	6	15	8	13	<i>N</i>
Powell	0	C) C	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	8	0	0	0	2	0	7	18	
Prairie	0	C) (0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	12	12	3	
Ravalli	0	1) 1	1	2	0	C	0	0	8	0	1	1	2	5	11	9	8	1	21	10	3	7	15	6	3	11	14	24	59	93	
Richland	0	C	0 0	0	3	0	0	C	0	0	0	0	0	0	3	4	9	9	6	7	5	1	1	6	4	5	5	5	5	57	9	50	
Roosevelt	0	1		0	2	3	1	C	0	0	0	0	0	0	0	0	0	2	0	1	10	3	8	5	0	27	12	74	189	84	202	147	, , , , , , , , , , , , , , , , , , ,
Rosebud	0	C	0 0	0	0	0	0	C	0	0	0	1	0	0	6	2	1	2	4	3	3	6	43	62	97	107	92	134	74	38	32	26	
Sanders	0	C) (0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	4	3	2	0	2	17	3	10	1	. 2	2	10	18	8	
Sheridan	0	C) (0	0	0	0	C	0	0	0	0	0	0	0	0	1	1	0	1	0	2	0	0	0	0	1	. 3	4	5	10	13	
Silver Bow	1	C) 8	3 2	0	0	0	C	0	0	0	0	0	0	0	2	6	5	6	5	29	22	17	7	1	16	31	51	46	35	54	68	
Stillwater	0	C) с	0	1	. 0	0	C	0	0	0	0	0	1	1	1	2	3	4	3	3	7	5	2	3	4	7	4	18	21	26	25	
Sweet Grass	0	C	0 0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	3	4	22	3	1	6	8	3	4	ميمر\ لموريد
Teton	0	C	0 0	0	0	0	0	C	0	0	0	0	0	0	0	0	10	4	1	0	0	0	0	1	1	0	1	1	1	16	16	18	
Toole	0	C) 4	8	8	9	0	C	0	0	0	0	0	0	2	0	0	0	0	0	0	13	1	2	0	10	7	6	6	47	53	122	
Treasure	0	C	0	0	0	0	0	C	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	6	1	
Valley	0	C) (0	0	0	0	C	0	0	0	0	0	0	1	0	3	0	0	3	4	4	15	5	4	11	1	6	25	23	42	99	
Wheatland	0	C	0	0	0	0	1	C	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	3	8	5	13	24	
Wibaux	0	C	0 0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	2	0	3	0	1	0	9	11	8	<i></i>
Yellowstone	1	4	18	15	19	13	7	4	1	3	3	2	14	4	12	29	97	188	246	162	204	211	230	288	239	224	217	342	325	445	642	734	
MONTANA	5	19	107	135	111	49	19	8	5	10	11	25	35	48	109	155	316	503	794	772	820	818	789	725	872	921	763	1249	1751	2451	3694	4217	

MONTANA COVID-19 CASES

210 cumulative cases reported

22 counties

MARCH 31, 2020



452 cumulative cases reported

27 counties

APRIL 30, 2020

505 cumulative cases reported counties



MAY 31, 2020

1,016 cumulative cases reported

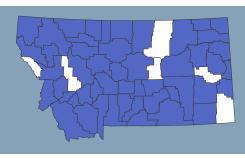
37 counties



JUNE 30, 2020

3,252 cumulative cases reported

50 counties



JULY 31, 2020

7,243 cumulative cases reported

54 counties

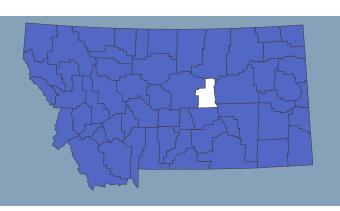
AUGUST 31, 2020

MONTANA COVID-19 CASES

13,480 cumulative cases reported

55 counties

SEPTEMBER 30, 2020

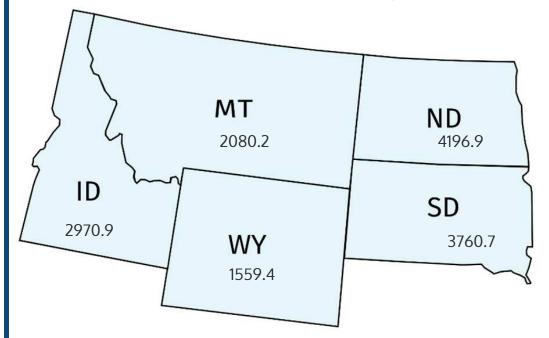


22,233 cumulative cases reported counties

WEEK ENDING 10/16



COVID-19 Case Rates Per 100,000 Population - Montana and neighboring states, October 16, 2020



State	Cases Reported
Idaho	53092
Montana	22233
North Dakota	31983
South Dakota	33269
Wyoming	9025

Case counts based on CDC case reports as of October 16, 2020 and 2019 population estimates from the U.S. Census Bureau

MONTANA COVID-19 CASES

COVID-19 Cases by Report Date -- September 19 - October 2, 2020

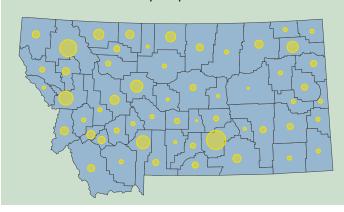


Cases: 4,186

Counties: 54

Range: 1-770

COVID-19 Cases by Report Date -- October 3-16, 2020



Cases: 7,910

Counties: 56

Range: 1-1,376

Recovered COVID-19 Cases -- Montana, October 16, 2020



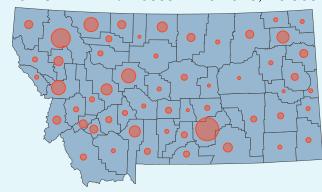
Recovered: 13,441

Counties: 55

Range: 5-2,918

Recovered COVID-19 includes cases who have recovered and are released from isolation.

Active COVID-19 Cases -- Montana, October 16, 2020



Active: **8,551**

Counties: 55

Range: 1-1,946

Active COVID-19 includes cases who are hospitalized or recovering but still remain in isolation.