## Coronavirus Disease 2019 (COVID-19)

## Analysis of COVID-19 Cases in Montana as of 8/21/2020

#### Archive of COVID-19 Montana Analyses

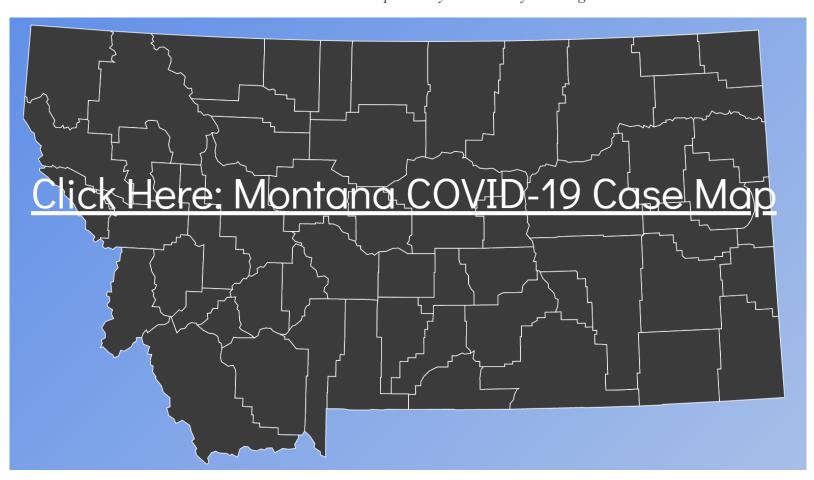


## Demographic Information for Confirmed Cases

COVID-19 Cases in Montana Total Number of Cases - Number of Deaths

8164 116

\* Tables and charts are updated by 10 am every morning.

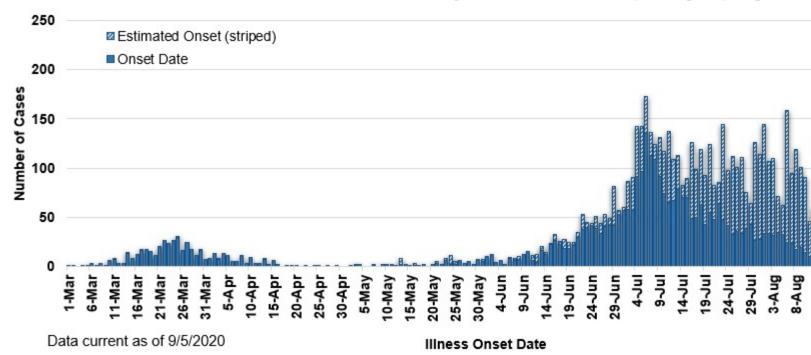


County of Residence	Number of Cases	Number of Deaths	Community Transmission*
Beaverhead	72	1	Yes
Big Horn	714	16	Yes
Blaine	15		
Broadwater	16		
Carbon	93		
Cascade	372	5	Yes
Chouteau	11		
Custer	69	2	
Daniels	3		

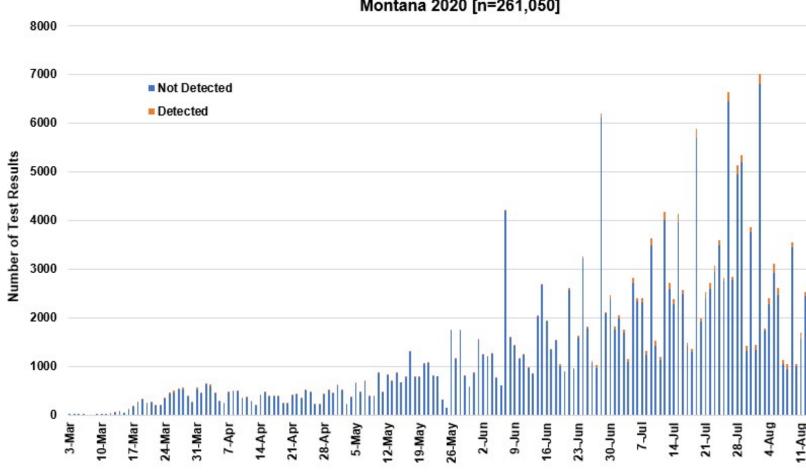
Dawson   50	County of Residence	Number of Cases	Number of Deaths	Community Transmission*
Fallon 3 Fergus 38 Flathead 678 9 Yes Gallatin 1105 3 Yes Gallatin 1105 3 Yes Gallatin 1105 3 Yes Garfield 16 Glacier 143 1 Yes Golden Valley 3 Granite 21 Hill 98 2 Jefferson 41 Judith Basin 6 Lake 222 1 Licwis and Clark 2007 3 Yes Liberty 7 Lincoln 92 2 Madison 95 1 Yes McCone 14 Meagher 4 Mineral 2 Missoula 443 3 Yes Musselshell 19 Park 67 Phillips 114 Pondera 16 Powder River 2 Powell 10 Prairie 1 Ravalli 113 2 Yes Richland 64 2 Rosebud 338 5 Yes Silver Bow 127 Fressure 3 Ves Silver Bow 57 66 Fressure 3		50	1	<b>,</b>
Fallon 3 Fergus 38 Flathead 678 9 Yes Gallatin 1105 3 Yes Gallatin 1105 3 Yes Gallatin 1105 3 Yes Garfield 16 Glacier 143 1 Yes Golden Valley 3 Granite 21 Hill 98 2 Jefferson 41 Judith Basin 6 Lake 222 1 Licwis and Clark 2007 3 Yes Liberty 7 Lincoln 92 2 Madison 95 1 Yes McCone 14 Meagher 4 Mineral 2 Missoula 443 3 Yes Musselshell 19 Park 67 Phillips 114 Pondera 16 Powder River 2 Powell 10 Prairie 1 Ravalli 113 2 Yes Richland 64 2 Rosebud 338 5 Yes Silver Bow 127 Fressure 3 Ves Silver Bow 57 66 Fressure 3	Deer Lodge	80		
Fergus         38           Flathead         678         9         Yes           Gallatin         1105         3         Yes           Garfield         16         16         16           Glacier         143         1         Yes           Golden Valley         3         3         41           Granite         21         1         14         14           Hill         98         2         2         14 <td></td> <td></td> <td></td> <td></td>				
Flathead 678 9 Yes Gallatin 1105 3 Yes Gallatin 1105 3 Yes Garfield 16 Glacier 143 1 Yes Golden Valley 3 Granite 21 Hill 98 2 Jefferson 41 Judith Basin 6 Lake 222 1 Lewis and Clark 207 3 Yes Liberty 7 Lincoln 92 2 Madison 95 1 Yes McCone 14 Meagher 4 Mineral 2 Missoula 443 3 Yes Musselshell 19 Park 67 Phillips 114 Pondera 16 Powder River 2 Powell 10 Prairie 1 Ravalli 113 2 Yes Richland 64 2 Roosevelt 62 1 Rosebud 338 5 Yes Sanders 41 Sheridan 5 Silver Bow 127 Stillwater 40 2 Sweet Grass 34 1 Teton 18 Toole 57 66 Treasure 3 Ves  Yes Yes Yes Silver Bow 127 Yes Silver Bow 127 Yes Sillwater 40 2 Sweet Grass 34 1 Teton 18 Toole 57 Treasure 3 Ves				
Gallatin         1105         3         Yes           Garfield         16         143         1         Yes           Golden Valley         3         3         4			9	Yes
Garfield         16         Yes           Golden Valley         3			3	
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Golden Valley 3 Granite 21 Hill 98 2 Jefferson 41 Judith Basin 6 Lake 222 1 Lewis and Clark 207 3 Yes Liberty 7 Lincoln 92 2 Madison 95 1 Yes McCone 14 Meagher 4 Mineral 2 Missoula 443 3 Yes Musselshell 19 Park 67 Phillips 114 Pondera 16 Powder River 2 Powell 10 Prairie 1 Ravalli 113 2 Yes Richland 64 2 Rosebud 338 5 Yes Sanders 41 Sheridan 5 Silver Bow 127 Stillwater 40 2 Sweet Grass 34 1 Teton 18 Toole 57 6 Treasure 40 Valley 51			1	Ves
Granite     21       Hill     98     2       Jefferson     41       Judith Basin     6       Lake     222     1       Lewis and Clark     207     3     Yes       Liberty     7     1       Lincoln     92     2       Madison     95     1     Yes       McCone     14     4       Meagher     4     4       Mineral     2     2       Missoula     443     3     Yes       Musselshell     19     Park     67       Phillips     114     Pondera     16       Powder River     2     Yes       Powell     10     Prarire     1       Ravalli     113     2     Yes       Richland     64     2     Yes       Rosebud     338     5     Yes       Sanders     41     Sheridan     5       Silver Bow     127     Yes       Sillyater     40     2       Sweet Grass     34     1       Teton     18     Toole     57       Toole     57     6       Treasure     3     Valley       Valley     51 </td <td></td> <td></td> <td>1</td> <td>103</td>			1	103
Hill       98       2         Jefferson       41         Judith Basin       6         Lake       222       1         Lewis and Clark       207       3       Yes         Liberty       7       7         Lincoln       92       2       2         Madison       95       1       Yes         McCone       14       4       4         Meagher       4       4       4         Missoula       443       3       Yes         Musselshell       19       Park       67         Phillips       114       Pondera       16         Powder River       2       Powder River       2         Powdel       10       Prairie       1         Ravalli       113       2       Yes         Richland       64       2         Rosebud       338       5       Yes         Sanders       41       Sheridan       5         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18         <				
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Lake       222       1         Lewis and Clark       207       3       Yes         Liberty       7       7         Lincoln       92       2         Madison       95       1       Yes         McCone       14       4       Meagher         McCone       14       4       Meagher       4         Mineral       2       2       Musselshell       9         Park       67       Phillips       114       Pondera       Powder River       9       Powder River       2       Powder River       10       Prairie       1       Ravalli       113       2       Yes       Yes         Richland       64       2       2       Yes       Rosebud       338       5       Yes         Sanders       41       Sheridan       5       Yes       Sillwater       40       2         Sweet Grass       34       1       Yes       Yes         Stillwater       40       2       Yes       Yes         Stillwater       40       2       Yes       Yes         Stillwater       57       6       7       7       7         <				
Lewis and Clark       207       3       Yes         Liberty       7       7         Lincoln       92       2         Madison       95       1       Yes         McCone       14       14         Meagher       4       4       4         Mineral       2       2         Missoula       443       3       Yes         Musselshell       19       19       19         Park       67       67       7         Phillips       114       14       14         Pondera       16       16       16         Powder River       2       2       Yes         Prairie       1       1       1         Ravalli       113       2       Yes         Richland       64       2       2         Rosebud       338       5       Yes         Sanders       41       41       4         Sheridan       5       5       5         Sillwater       40       2       2         Sweet Grass       34       1       1         Teton       18       1       1			1	
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Lincoln       92       2         Madison       95       1       Yes         McCone       14       4         Meagher       4       4         Mineral       2       2         Missoula       443       3       Yes         Musselshell       19       19         Park       67       67       7         Phillips       114       7       7         Powder River       2       2       7       7         Powell       10       113       2       Yes       8         Richland       64       2       2       7       8       8       8       8       7       9       8       8       8       8       9			3	Yes
Madison       95       1       Yes         McCone       14       4         Meagher       4       4         Mineral       2       2         Missoula       443       3       Yes         Musselshell       19       19         Park       67       Phillips       14         Pondera       16       16       16         Powder River       2       2       2         Powell       10       10       10         Prairie       1       2       Yes         Richland       64       2       2         Rosebul       338       5       Yes         Sanders       41       4       4         Sheridan       5       5       Yes         Stillwater       40       2       2         Sweet Grass       34       1       1         Teton       18       1       1         Toole       57       6       6         Treasure       3       4       1         Valley       51       51       1				
McCone       14         Meagher       4         Mineral       2         Missoula       443       3       Yes         Musselshell       19         Park       67         Phillips       114         Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2         Richland       64       2         Rosebul       338       5       Yes         Sanders       41       Sheridan       5         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18         Toole       57       6         Treasure       3         Valley       51			2	
Meagher       4         Mineral       2         Missoula       443       3       Yes         Musselshell       19       Park       67         Phillips       114       Pondera       16         Powder River       2       Powell       10         Prairie       1       Ravalli       113       2       Yes         Richland       64       2       Yes         Richland       64       2       Yes         Rosebud       338       5       Yes         Sanders       41       Yes         Sheridan       5       Yes         Sillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3         Valley       51			1	Yes
Mineral       2         Missoula       443       3       Yes         Musselshell       19         Park       67         Phillips       114         Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2         Richland       64       2         Rosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3       Valley				
Missoula       443       3       Yes         Musselshell       19         Park       67         Phillips       114         Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2         Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3       Valley	Meagher	4		
Musselshell       19         Park       67         Phillips       114         Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2       Yes         Richland       64       2         Rosevelt       62       1       Yes         Sanders       41       Yes         Sanders       41       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3         Valley       51	Mineral	2		
Park       67         Phillips       114         Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2       Yes         Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       Yes         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3       4         Valley       51       4	Missoula	443	3	Yes
Phillips       114         Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2         Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41         Sheridan       5       Yes         Sillver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3       4         Valley       51	Musselshell	19		
Phillips       114         Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2         Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41         Sheridan       5       Yes         Sillver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3       4         Valley       51	Park	67		
Pondera       16         Powder River       2         Powell       10         Prairie       1         Ravalli       113       2       Yes         Richland       64       2         Rosevelt       62       1         Rosebud       338       5       Yes         Sanders       41         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3       Valley       51		114		
Powder River       2         Powell       10         Prairie       1         Ravalli       113       2       Yes         Richland       64       2         Rosevelt       62       1         Rosebud       338       5       Yes         Sanders       41         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3         Valley       51				
Powell       10         Prairie       1         Ravalli       113       2       Yes         Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       Yes         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3         Valley       51				
Prairie       1         Ravalli       113       2       Yes         Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3         Valley       51				
Ravalli       113       2       Yes         Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41       41       42         Sheridan       5       5       Yes       55       Yes         Silver Bow       127       Yes       Yes<				
Richland       64       2         Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41       41       42       42       43       44			2	Ves
Roosevelt       62       1         Rosebud       338       5       Yes         Sanders       41       41       41       41       42       42       42       42       42       42       43       44 <t< td=""><td></td><td></td><td>2</td><td>105</td></t<>			2	105
Rosebud       338       5       Yes         Sanders       41       41         Sheridan       5       Yes         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18         Toole       57       6         Treasure       3         Valley       51			1	
Sanders       41         Sheridan       5         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3         Valley       51			5	Vac
Sheridan       5         Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18       1         Toole       57       6         Treasure       3         Valley       51			3	ics
Silver Bow       127       Yes         Stillwater       40       2         Sweet Grass       34       1         Teton       18         Toole       57       6         Treasure       3         Valley       51		41 5		
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Teton       18         Toole       57       6         Treasure       3         Valley       51			<u> </u>	
Toole 57 6 Treasure 3 Valley 51			1	
Treasure 3 Valley 51				
Valley 51			6	
Valley 51 Wheatland 3		3		
Wheatland 3	Valley			
		3		
Wibaux 8				
Yellowstone 2239 47 Yes				Yes
Total 8164 116	Total	8164	116	

<sup>\*</sup> Community transmission - a community has identified cases who are unable to be linked with other known cases or travel. This status has been determined after consultation between state and local health departments.

COVID-19 Cases in Montana by Date of Illness Onset, 2020 [N=8,164]



SARS-Cov-2 PCR Testing at Montana Public Health Laboratory and Reference Laboratories Montana 2020 [n=261,050]



Data current as of 9/5/2020

Test Result Date

View your county's test positivity rate at the Center for Medicare and Medicaid Services' (CMS) webpage.

Hospitalization Status	Number of Cases (percent of total)
Ever hospitalized	477 (6%)
Not Hospitalized	7687 (94%)
Total	8164

Age Group	Number of Cases (percent of total)
0-9 years	338 (4%)
10-19 years	786 (10%)
20-29 years	1891 (23%)
30-39 years	1396 (17%)
40-49 years	1103 (14%)
50-59 years	1039 (13%)
60-69 years	853 (10%)
70-79 years	488 (6%)
80-89 years	216 (3%)
90-99 years	53 (<1%)
100+	1 (<1%)
Total	8164
Sex	Number of Cases (percent of total)
Female	4057 (50%)
Male	4107 (50%)
Total	8164

Race and Ethnicity	Number of Cases (percent of total)
White	4112 (50%)
American Indian, Alaska Native, Native Hawaiian, and Pacific Islander	1300 (16%)
Asian	28 (<1%)
Black or African American	44 (<1%)
Other Race	76 (1%)
Undetermined/Under investigation	2604 (32%)
Total	8164
Among those with ethnicity specified:	
Hispanic/Latino	293 (4%)
Not Hispanic/Latino	5093 (62%)
Undetermined/Under investigation	2778 (34%)
Total	8164

Current Status of Cases	Number of Cases (percent of total)
Hospitalized	151 (2%)
Deceased	116 (1%)
Recovering	1678 (21%)
Recovered and released from isolation	6219 (76%)
Total number of cases	8164

# Summary of Long Term Care Facility (LTCF) and Assisted Living Facility (ALF) COVID-19 cases and deaths:

	LTCF	ALF
Number of facilities in Montana by type	73	211
Number of facilities that have reported COVID-19 cases* (%)	21 (28.8)	28 (13.3)
Number of facilities with ongoing COVID-19 cases** (%)	13 (7.8)	15 (17.7)
Number of COVID-19 cases ever associated with a facility (%)	131 (1.7)	207 (2.7)
Number of COVID-19 deaths ever associated with a facility (%)	8 (7.3)	27 (24.8)

Long term care residents are at high risk for infection, serious illness, and death from COVID-19. Data in the above table will be updated weekly. \* Cases in a staff member or resident. \*\*Ongoing cases include any identified within the last 7 days.

#### Location (at time of testing) of individuals diagnosed but not residing or counted in Montana:

County Beaverhead Big Horn Carbon Cascade Custer Dawson Deer Lodge Fallon Fergus Flathead Gallatin Glacier Granite Lake Lewis and Clark Lincoln Madison Meagher Missoula Park Powell Ravalli Silver Bow Stillwater Sweet Grass Toole Yellowstone Total	Number of Cases (percent of total) 3 (1%) 1 (<1%) 3 (1%) 20 (9%) 4 (2%) 2 (1%) 1 (<1%) 2 (1%) 46 (19%) 47 (20%) 1 (<1%) 1 (<1%) 1 (<1%) 1 (<1%) 1 (<1%) 1 (<1%) 1 (<1%) 1 (<1%) 1 (<1%) 3 (1%) 25 (11%) 1 (<1%) 13 (5%) 8 (3%) 1 (<1%) 8 (3%) 5 (2%) 2 (1%) 3 (1%) 2 (1%) 3 (1%) 2 (1%) 3 (1%) 2 (1%) 20 (9%) 238
10111	230

Cases reported in the tables above include 13 residents of other states who were tested, isolated and/or hospitalized in Montana during the early phases of the pandemic. As COVID-19 is now widespread across the United States, data no longer include out-of-state residents who test positive in Montana in order to align with Council of State and Territorial Epidemiologists guidelines that classify cases by the individual's usual state of residence. This is standard practice for all communicable diseases to ensure accurate case reporting for Montana and the US. Additional individuals were diagnosed in Montana but are not included due to residency and/or the transient nature of their visit to the state: data for these individuals are reflected in the table immediately above.