

#### Sheila Hogan, Director

**Children/Families** 

**Disabilities** 

**Seniors** 

Health

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#### 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     | 7509 |
| - Number of Deaths        | 105  |

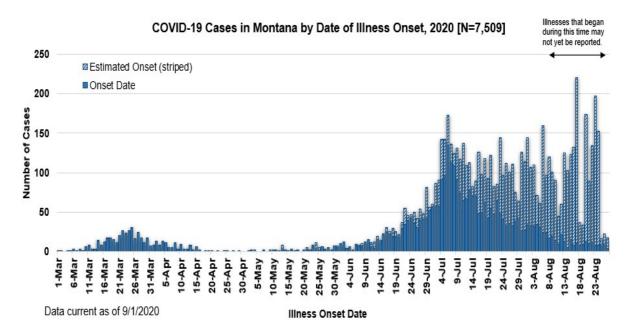
<sup>\*</sup> Tables and charts are updated by 10 am every morning.

| County of<br>Residence | Number of<br>Cases | Number of<br>Deaths | Community<br>Transmission* |
|------------------------|--------------------|---------------------|----------------------------|
| Beaverhead             | 70                 | 1                   | Yes                        |
| Big Horn               | 669                | 16                  | Yes                        |
| Blaine                 | 15                 |                     |                            |
| Broadwater             | 16                 |                     |                            |
| Carbon                 | 87                 |                     |                            |
| Cascade                | 293                | 5                   | Yes                        |
| Choteau                | 11                 |                     |                            |
| Custer                 | 66                 | 2                   |                            |
| Daniels                | 3                  |                     |                            |
| Dawson                 | 47                 |                     |                            |
| Deer Lodge             | 33                 |                     |                            |
| Fallon                 | 2                  |                     |                            |

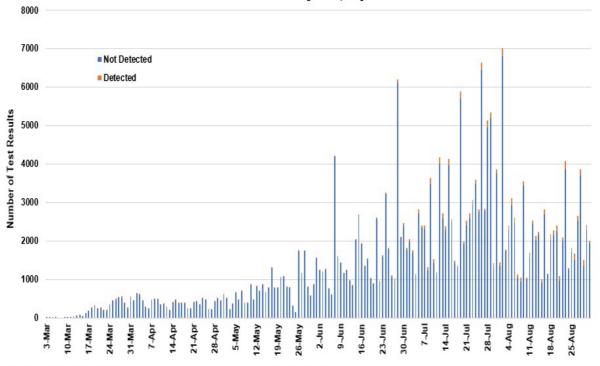
| County of<br>Residence | Number of Cases  | Number of<br>Deaths | Community<br>Transmission* |
|------------------------|------------------|---------------------|----------------------------|
| Fergus                 | 32               |                     |                            |
| Flathead 611 7 Yes     |                  | Yes                 |                            |
| Gallatin               | 1078             | 3                   | Yes                        |
| Garfield               | 13               |                     |                            |
| Glacier                | 135              | 1                   | Yes                        |
| Golden Valley          | 3                |                     |                            |
| Granite                | 20               |                     |                            |
| Hill                   | 88               | 2                   |                            |
| Jefferson              | 39               |                     |                            |
| Judith Basin           | 6                |                     |                            |
| Lake                   | 203              | 1                   |                            |
| Lewis and Clark        | 197              | 2                   | Yes                        |
| Liberty                | 6                |                     |                            |
| Lincoln                | 89               | 2                   |                            |
| Madison                | 93               | 1                   | Yes                        |
| McCone                 | 14               |                     |                            |
| Meagher                | Teagher 4        |                     |                            |
| Mineral                | 2                |                     |                            |
| Missoula 436 3         |                  | 3                   | Yes                        |
| Musselshell            | elshell 13       |                     |                            |
| Park                   | ark 64           |                     |                            |
| Phillips 112           |                  |                     |                            |
| Pondera 16             |                  |                     |                            |
| Powder River           | owder River 2    |                     |                            |
| Powell                 | owell 10         |                     |                            |
| Prairie                | Prairie 1        |                     |                            |
| Ravalli                | 110              | 2                   | Yes                        |
| Richland               | 58               | 2                   |                            |
| Roosevelt              | 43               | 1                   |                            |
| Rosebud                | 266              | 2                   | Yes                        |
| Sanders                | 37               |                     |                            |
| Sheridan               | 5                |                     |                            |
| Silver Bow 115 Yes     |                  | Yes                 |                            |
| Stillwater 38 2        |                  |                     |                            |
| Sweet Grass            | Sweet Grass 19 1 |                     |                            |
| Teton                  | 18               |                     |                            |
| Toole                  | 50               | 6                   |                            |
| Treasure               | 3                |                     |                            |

| County of<br>Residence | Number of<br>Cases | Number of Deaths | Community<br>Transmission* |
|------------------------|--------------------|------------------|----------------------------|
|                        |                    | •                |                            |
| Valley                 | 46                 |                  |                            |
| Wheatland              | 3                  |                  |                            |
| Wibaux                 | 5                  |                  |                            |
| Yellowstone            | 2094               | 43               | Yes                        |
| Total                  | 7509               | 105              |                            |

<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.



SARS-Cov-2 PCR Testing at Montana Public Health Laboratory and Reference Laboratories, Montana 2020 [n=252,296]



| <b>Hospitalization Status</b> | Number of Cases (percent of total) |
|-------------------------------|------------------------------------|
| Ever hospitalized             | 447 (6%)                           |
| Not Hospitalized              | 7062 (94%)                         |
| Total                         | 7509                               |

|   | Age<br>Group           |    | Number of Cases<br>(percent of total) |
|---|------------------------|----|---------------------------------------|
|   | 0-9<br>years           |    | 324 (4%)                              |
|   | 10-19<br>years         |    | 709 (9%)                              |
|   | 20-29<br>years         |    | 1780 (24%)                            |
|   | 30-39<br>years         |    | 1286 (17%)                            |
|   | 40-49<br>years         |    | 989 (13%)                             |
|   | 50-59<br>years         |    | 953 (13%)                             |
|   | 60-69<br>years         |    | 783 (10%)                             |
|   | 70-79<br>years         |    | 442 (6%)                              |
|   | 80-89<br>years         |    | 193 (3%)                              |
|   | 90-99<br>years<br>100+ |    | 49 (<1%)                              |
|   |                        |    | 1 (<1%)                               |
|   | Total                  |    | 7509                                  |
| S |                        |    | umber of Cases (percent<br>ftotal)    |
| F | Female 37              |    | 761 (50%)                             |
| N | Male 37                |    | 748 (50%)                             |
| Т | otal                   | 75 | 509                                   |

| Sex    | Number of Cases (percent of total) |  |
|--------|------------------------------------|--|
| Female | 3761 (50%)                         |  |
| Male   | 3748 (50%)                         |  |
| Total  | 7509                               |  |
|        |                                    |  |

| Race and Ethnicity  | Number of<br>Cases<br>(percent of<br>total) |
|---|---|
| White   | 3984 (53%)                                  |
| American Indian, Alaska<br>Native, Native Hawaiian,<br>and Pacific Islander | 1203 (16%)                                  |
| Asian   | 26 (<1%)                                    |

| Race and Ethnicity                    | Number of<br>Cases<br>(percent of<br>total) |
|---------------------------------------|---|
| Black or African<br>American          | 43 (<1%)                                    |
| Other Race                            | 74 (1%)                                     |
| Undetermined/Under investigation      | 2179 (29%)                                  |
| Total                                 | 7509  |
| Among those with ethnicity specified: |   |
| Hispanic/Latino                       | 279 (4%)                                    |
| Not Hispanic/Latino                   | 4900 (66%)                                  |
| Undetermined/Under investigation      | 2330 (30%)                                  |
| Total                                 | 7509  |

| <b>Current Status of Cases</b>        | Number of Cases (percent of total) |
|---------------------------------------|------------------------------------|
| Hospitalized                          | 140 (2%)                           |
| Deceased                              | 105 (1%)                           |
| Recovering                            | 1805 (24%)                         |
| Recovered and released from isolation | 5459 (73%)                         |
| Total number of cases                 | 7509                               |

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

|   | Count (percent of total) |
|---|--------------------------|
| Number of LTCF/ALF facilities in Montana        | 291                      |
| Number of LTCF/ALF with positive cases          | 41 (14.1%)               |
| All COVID-19 cases reported in Montana          | 7063                     |
| Number of COVID-19 cases in LTCF/ALF            | 311 (4.4%)               |
| All COVID-19 related deaths reported in Montana | 100                      |
| Number of COVID-19 related deaths in LTCF/ALF   | 33 (33%)                 |

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.

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

| County Number of Cases (percent of total) |         |
|---|---------|
| Beaverhead                                | 3 (1%)  |
| Big Horn                                  | 1 (<1%) |
| Carbon                                    | 3 (1%)  |

| County          | Number of Cases (percent of total) |
|-----------------|------------------------------------|
| Cascade         | 20 (9%)                            |
| Custer          | 4 (2%)                             |
| Dawson          | 2 (1%)                             |
| Deer Lodge      | 1 (<1%)                            |
| Fallon          | 1 (<1%)                            |
| Fergus          | 2 (1%)                             |
| Flathead        | 46 (20%)                           |
| Gallatin        | 45 (19%)                           |
| Glacier         | 1 (<1%)                            |
| Granite         | 1 (<1%)                            |
| Lake            | 10 (4%)                            |
| Lewis and Clark | 5 (2%)                             |
| Lincoln         | 3 (1%)                             |
| Madison         | 25 (11%)                           |
| Meagher         | 1 (<1%)                            |
| Missoula        | 12 (5%)                            |
| Park            | 8 (3%)                             |
| Powell          | 1 (<1%)                            |
| Ravalli         | 8 (3%)                             |
| Silver Bow      | 5 (2%)                             |
| Stillwater      | 2 (1%)                             |
| Sweet Grass     | 3 (1%)                             |
| Toole           | 2 (1%)                             |
| Yellowstone     | 20 (9%)                            |
| Total           | 235                                |

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.



# Communicable Disease Epidemiology Staff Listing



To submit a question or comment to the Communicable Disease Epidemiology Program,

please click on the suggestion box to access our online form.

| Diseases A-Z                            |
|---|
| Disease Reporting                       |
| Data and Reports                        |
| Contact Us                              |
| Other Program Areas                     |
| Tuberculosis (TB)                       |
| Healthcare Associated Infections (HAI)  |
| Sexually Transmitted Diseases (HIV/STD) |
| Antimicrobial Posistance                |



The DPHHS CDEpi Section mission is to create, maintain, support, and strengthen routine surveillance and detection systems and epidemiological investigation processes, as well as to expand these systems and processes in response to incidents of public health significance.

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