This report provides a weekly snapshot of communicable disease activity in Gallatin County. Data are provisional and are expected to change as more information is received.

Table 1. Communicable diseases reported in Gallatin County* compared to statewide data during MMWR Week 4 (week ending 1/28/2023).

<table>
<thead>
<tr>
<th></th>
<th>Gallatin County</th>
<th>State of Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total (2023 Year-to-Date)</td>
<td>MMWR Week 4</td>
</tr>
<tr>
<td><strong>General Communicable Diseases</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COVID-19**</td>
<td>313</td>
<td>75</td>
</tr>
<tr>
<td><strong>Influenza (2022-2023 Season)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cases</td>
<td>2,003</td>
<td>35</td>
</tr>
<tr>
<td>Hospitalizations or Deaths</td>
<td>58</td>
<td>1</td>
</tr>
<tr>
<td><strong>Enteric Diseases</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Campylobacteriosis</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Cryptosporidiosis</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Shiga Toxin-Producing E. Coli (STEC)</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Shigellosis</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Sexually Transmitted Diseases</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chlamydia</td>
<td>37</td>
<td>13</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td><strong>Other Conditions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Animal Bites</td>
<td>17</td>
<td>5</td>
</tr>
</tbody>
</table>

*Data source: MTDPHHS Weekly Communicable Disease Epidemiology Report
*Not all cases were contracted in Gallatin County
**Expanded COVID-19 data is available on the next page, and updated weekly on our dashboard

Communicable Disease News:

- **COVID-19 Update**: On January 30, 2023, President Biden announced the COVID-19 public health emergency will end on May 11, 2023. Read the full declaration [here](#).
- **Syphilis is increasing in Montana**: The total number of reported syphilis cases in Montana began increasing in 2017. In 2022, provisional data showed that 617 total cases of syphilis were reported. The last year Montana had greater than 600 total reported cases of syphilis was 1948. Read the [full report](#) for additional information.
- **Gastrointestinal Illnesses**: During MMWR week 4 in 2023 (January 22 – January 28) GI-related illnesses accounted for 16.3% (1096 out of 6717) of all ED visits in Montana, which is 2.0% greater than the previous week. During the same MMWR week in 2022, 15.6% (1068 out of 6835) of all ED visits were related to GI symptoms. The percentage of ED visits related to GI symptoms during the past five weeks of 2021/22 is not statistically significantly different from the percentage in 2022/23. The preliminary rate for MMWR week 5 in 2023 (January 29 – February 4) is 16.6% (722 out of 4352).
- **Influenza**: Influenza activity decreased statewide from January 22nd – 28th, 2023, with 126 new cases, 5 hospitalizations, and 1 death reported. Season to date, 10,139 cases, 521 hospitalizations, and 15 deaths have been associated with influenza. Influenza A is currently the dominant influenza type circulating in Montana – seasonal subtypes H1N1 (n=168) and H3N2 (n=360) have both been detected.
  - Influenza-like illness (ILI) reported in Montana for Week 4 increased slightly from 1.68% to 1.77%.
  - During week 4, RSV percent positivity increased to 14.07%.
Gallatin County COVID-19 Data
During MMWR Week 5 (week ending 2/4/23), 92 new COVID-19 cases were reported among Gallatin County residents. Among the newly reported cases, approximately 47% were confirmed breakthrough cases, defined as testing positive for SARS-CoV-2 ≥14 days after receiving a primary COVID-19 vaccine series. As of February 4, 2023 Gallatin County reports 12,858 cases of confirmed breakthrough disease, which includes 331 hospitalizations and 29 deaths.


<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>MMWR Week 5</th>
<th>% Change from Previous Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported Cases</td>
<td>41,348</td>
<td>92</td>
<td>+22.67%</td>
</tr>
<tr>
<td>Laboratory Tests</td>
<td>348,540</td>
<td>693</td>
<td>+2.67%</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>1,518</td>
<td>6</td>
<td>+100%</td>
</tr>
<tr>
<td>Deaths</td>
<td>133</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

Table 3. Describes the number of active cases per 100,000 Gallatin County residents among Vaccine Eligible Age Groups as of 2/5/2023.

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Active Cases</th>
<th>Total Number of Residents</th>
<th>Active Cases per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 4</td>
<td>8</td>
<td>5,906</td>
<td>136</td>
</tr>
<tr>
<td>5 to 11</td>
<td>6</td>
<td>9,138</td>
<td>66</td>
</tr>
<tr>
<td>12 to 17</td>
<td>9</td>
<td>7,616</td>
<td>118</td>
</tr>
<tr>
<td>18 to 29</td>
<td>35</td>
<td>28,995</td>
<td>121</td>
</tr>
<tr>
<td>30 to 39</td>
<td>21</td>
<td>17,388</td>
<td>121</td>
</tr>
<tr>
<td>40 to 49</td>
<td>11</td>
<td>14,113</td>
<td>78</td>
</tr>
<tr>
<td>50 to 59</td>
<td>6</td>
<td>11,667</td>
<td>51</td>
</tr>
<tr>
<td>60 to 69</td>
<td>7</td>
<td>12,149</td>
<td>58</td>
</tr>
<tr>
<td>70 to 79</td>
<td>20</td>
<td>6,846</td>
<td>292</td>
</tr>
<tr>
<td>80+</td>
<td>7</td>
<td>2,968</td>
<td>270</td>
</tr>
</tbody>
</table>

Table 4. Describes CDC community impact level as of 2/6/2023, established to help determine which prevention actions are recommended based on healthcare system strain. Gallatin County is currently experiencing “Low” community impact, as depicted by the black circle on the table below. Data regarding community levels and local indicators are found at the CDC COVID Data Tracker here. During periods of low impact, the CDC recommends staying up to date with COVID-19 vaccines and boosters, maintaining improved ventilation throughout indoor spaces when possible, and following CDC guidelines for isolation and quarantine, including testing if you are exposed or have symptoms. Individuals who are immunocompromised or at high risk for severe disease should have a plan for rapid testing if needed and talk to their healthcare provider about whether they are a candidate for treatments like oral antivirals or monoclonal antibodies.

<table>
<thead>
<tr>
<th>New COVID-19 Cases Per 100,000 people in the past 7 days</th>
<th>Indicators</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;200</td>
<td>New COVID-19 admissions per 100,000 population (7-day total)</td>
<td>&lt;10.0</td>
<td>10.0-19.9</td>
<td>≥20.0</td>
</tr>
<tr>
<td></td>
<td>Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)</td>
<td>&lt;10.0%</td>
<td>10.0-14.9%</td>
<td>≥15.0%</td>
</tr>
<tr>
<td>≥200</td>
<td>New COVID-19 admissions per 100,000 population (7-day total)</td>
<td>NA</td>
<td>&lt;10.0</td>
<td>≥10.0</td>
</tr>
<tr>
<td></td>
<td>Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)</td>
<td>NA</td>
<td>&lt;10.0%</td>
<td>≥10.0%</td>
</tr>
</tbody>
</table>
**Figure 1.** Describes the number of hospitalized COVID-19 cases by breakthrough status and CDC MMWR Week from March 28, 2021 to February 4, 2023. A breakthrough case is defined as testing positive for SARS-CoV-2 ≥14 days after receiving a primary COVID-19 vaccine series.

![COVID-19 Hospitalizations by Breakthrough Status, Gallatin County, Montana](image1)

**Figure 2.** Describes COVID-19 vaccine doses received by Gallatin County residents by MMWR Year and Week as of January 28, 2023. Visit our [website](http://www.healthygallatin.org) for a list of upcoming vaccine clinics.

![COVID-19 Vaccines Received by Gallatin County Residents by Dose Number](image2)

If you are seeking data that is not included in the above report or our [dashboard](http://www.healthygallatin.org), please submit a data request through [HS@gallatin.mt.gov](mailto:HS@gallatin.mt.gov). The turnaround time depends on the complexity of the request and availability of our staff.