









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

Table 1. Communicable diseases reported in Gallatin County* compared to statewide data during MMWR Week 38 (week ending 9/24/2022).

*Not all cases were contracted in Gallatin County.

	Gallatin County			State of Montana	
	Total (2022 Year-to-Date)	MMWR Week 38	Six-Week Trend Line	Total (2022 Year-to-Date)	MMWR Week 38
General Communicable Diseases					
Monkeypox	2	0		5	0
COVID-19*	15,687	157		114,216	1,493
Coccidioidomycosis	4	1		16	1
Legionellosis	2	1		5	1
Enteric Diseases					
Campylobacteriosis	35	1		278	5
Shiga Toxin-Producing E. Coli (STEC)	10	1		101	2
Sexually Transmitted Diseases					
Chlamydia	481	11		3,004	75
Other Conditions					
Animal Bites	187	4		Not Reported	

Data source: MTDPHHS Weekly Communicable Disease Epidemiology Report

*Expanded COVID-19 data is available on the next page, and updated weekly on our [dashboard](#)

Communicable Disease News:

Monkeypox Update: As of September 29, 2022, CDC and WHO are tracking 25,613 confirmed monkeypox/orthopoxvirus cases in all 50 US states and territories and additional cases worldwide that have been reported in areas that do not normally report monkeypox cases. As of September 14, 2022, one death attributed to monkeypox/orthopoxvirus has been confirmed in the United States. As of September 29, 2022, there have been six cases of monkeypox/orthopoxvirus reported in Montana. DPHHS urges providers to be alert for patients who have rash illnesses consistent with monkeypox, regardless of whether they have travel or specific risk factors for monkeypox, and regardless of gender or sexual orientation. Healthcare providers in Montana should report suspect cases to your local health dept, who will notify the CDEpi Section at DPHHS. For more resources and information about monkeypox in Montana, please visit [DPHHS' website](#).

Acute Flaccid Myelitis: This week an MMWR titled "[Increase in Acute Respiratory Illnesses Among Children and Adolescents Associated with Rhinoviruses and Enteroviruses, Including Enterovirus D68 – United States, July-September 2022](#)" was released. This article discusses the recent increase respiratory illness in children and how enterovirus D68 may relate to acute flaccid myelitis (AFM). In previous years, there has been biennial outbreaks of acute respiratory illness followed by higher numbers of AFM in 2014, 2016, and 2018. The same trend was not seen in 2020 and although this is not entirely understood, it's thought to be related the measures in place due to the COVID-19 pandemic. In August 2022, the US saw a similar increasing trend of acute respiratory illnesses requiring hospitalization in children and positive rhinovirus/enterovirus tests. Clinicians should be on the lookout for patients with acute flaccid limb weakness and pursue testing for AFM and to rule out polio. CDC has created a job aid [here](#) for providers to follow when they suspect AFM. These suspect cases should immediately be reported to the local public health departments who should immediately notify MTDPHHS.

Questions? Please Contact:

Gallatin City-County Communicable Disease Program
Hours: M-F 8:00AM-5:00PM: (406) 582-3100
After hours 24/7 line: (406) 582-2100 ext. 2, ask to page the Health Dept
www.healthygallatin.org
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Gallatin County COVID-19 Data

During MMWR Week 39 (week ending 10/1/22), 88 new COVID-19 cases were reported among Gallatin County residents. Among the newly reported cases, approximately 61% were confirmed breakthrough cases, defined as testing positive for SARS-CoV-2 ≥14 days after receiving a primary COVID-19 vaccine series. As of October 1, 2022, Gallatin County reports 11,860 cases of confirmed breakthrough disease, which includes 265 hospitalizations and 28 deaths.

Table 2. Summary of COVID-19 Activity among Gallatin County residents reported between 3/17/2020 to 10/1/2022.

	Total	MMWR Week 39	% Change from Previous Week
Reported Cases	39,670	88*	-43.95%
Laboratory Tests	333,847	370*	-52.75%
Hospitalizations	1,413	9	125%
Deaths	131	3	N/A**

*Due to a delay in lab reporting, we are unable accurately report lab and case counts for MMWR Week 39; the true values are expected to be much higher.

**percent change is incalculable when the previous value is zero

Table 3. Describes the number of active cases per 100,000 Gallatin County residents among Vaccine Eligible Age Groups as of 10/2/2022.

Age Group	Number of Active Cases	Total Number of Residents	Active Cases per 100,000
0 to 4	6	5,906	102
5 to 11	4	9,138	44
12 to 17	15	7,616	197
18 to 29	24	28,995	83
30 to 39	20	17,388	115
40 to 49	17	14,113	121
50 to 59	15	11,667	129
60 to 69	18	12,149	148
70 to 79	21	6,846	307
80+	13	2,968	438

Table 4. Describes [CDC community impact level](#) as of 10/3/2022, 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.

New COVID-19 Cases Per 100,000 people in the past 7 days	Indicators	Low	Medium	High
		<10.0	10.0-19.9	≥20.0
<200	New COVID-19 admissions per 100,000 population (7-day total)	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0%	10.0-14.9%	≥15.0%
≥200	New COVID-19 admissions per 100,000 population (7-day total)	NA	<10.0	≥10.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	NA	<10.0%	≥10.0%

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Figure 1. Describes the number of hospitalized COVID-19 cases by vaccination status and CDC MMWR Week from March 28, 2021 to October 1, 2022.

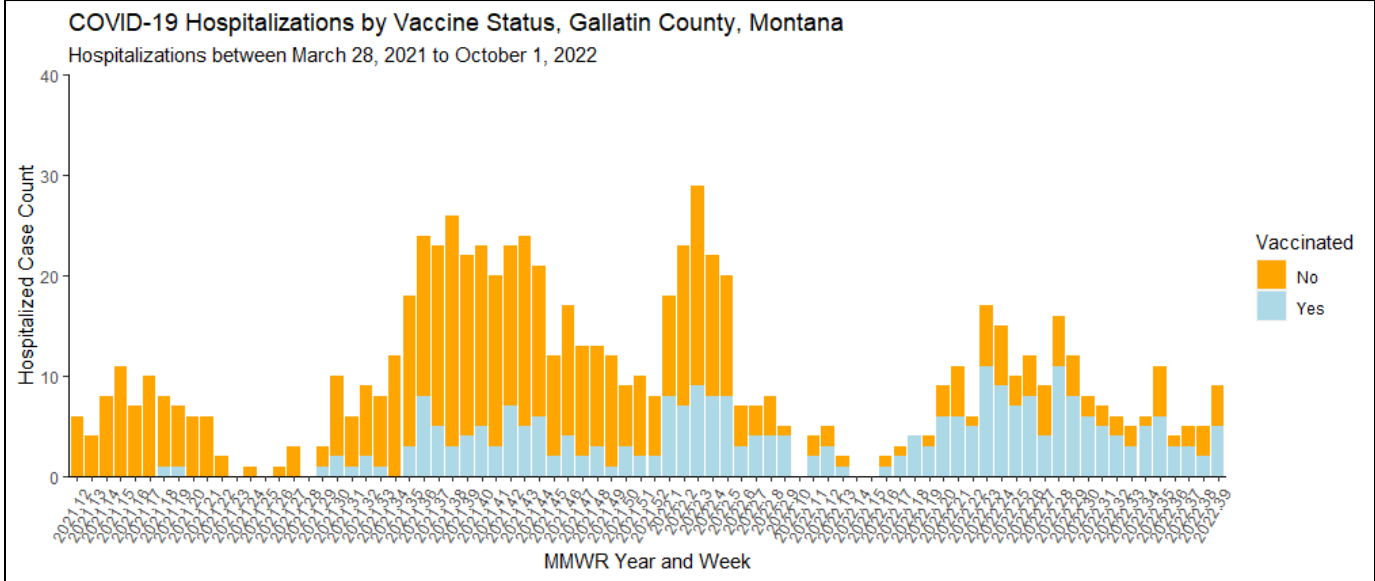
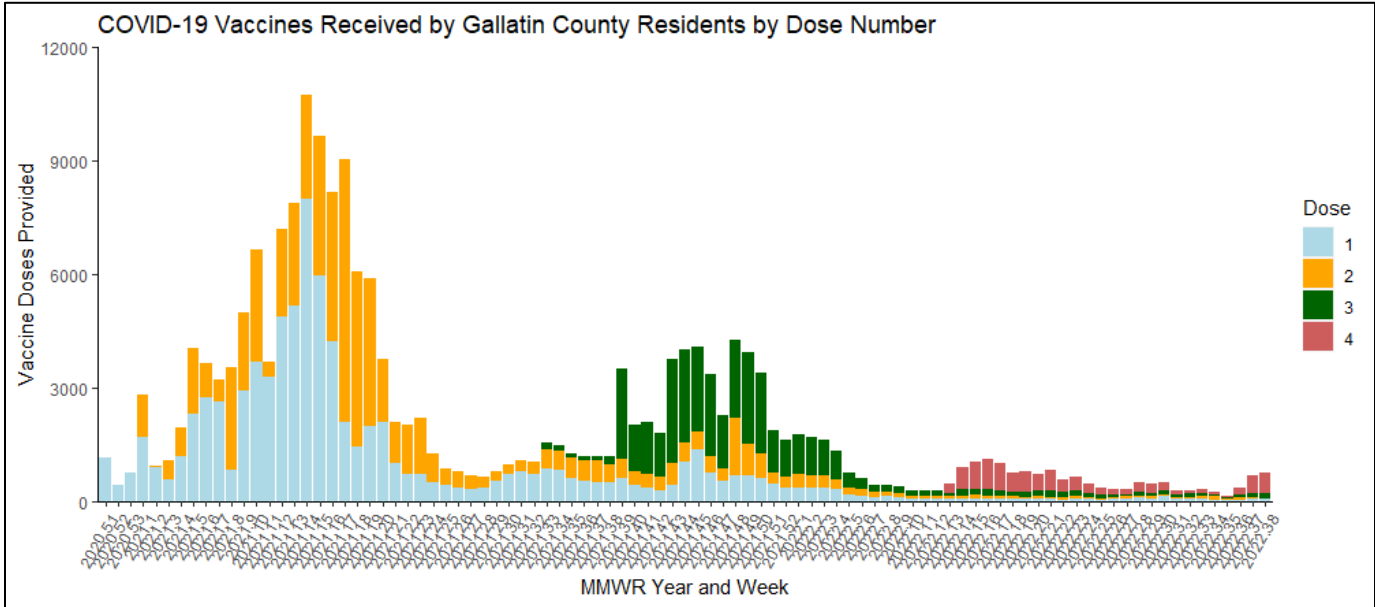


Figure 2. Describes COVID-19 vaccine doses received by Gallatin County residents by MMWR Year and Week as of September 24, 2022. Visit our [website](#) for a list of upcoming vaccine clinics.



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

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