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# Gallatin City-County Health Department

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## Weekly Communicable Disease Report August 12, 2019

### Gallatin County Communicable Disease Report Week 32 (8/5/2019 to 8/11/2019)

This section contains diseases diagnosed in Gallatin County, not all diseases were contracted in Gallatin County.

Reportable		Non-Reportable	
8	Chlamydia	31	Strep
4	Animal Bites	1	Mono
3	Pertussis		
2	Campylobacter		
1	Gonorrhea		
1	Giardia		

**PLEASE CALL 406-582-3100 during business hours or after hours 24/7 call Sheriff's Dispatch at 406-582-2100 ext 2 and ask to page the Health Department**

### Summary of MMWR Week 31: Ending 8/3/2019

- **General Communicable Diseases:** Elevated blood lead (5), Legionellosis (1), Rabies post-exposure prophylaxis (7)
- **Enteric Diseases:** Campylobacteriosis (12), Coccidioidomycosis (2), Cryptosporidiosis (2), Salmonellosis (2), Shiga toxin producing *E. coli* [STEC] (1)
- **Vaccine Preventable Diseases:** Influenza hospitalization (1), Pertussis (3), *Streptococcus pneumoniae* (1), Varicella [chickenpox] (2)
- **STD/HIV:** Chlamydia (81), Gonorrhea (36), Latent syphilis (2), HIV (0)
- **Hepatitis:** Hepatitis C, acute (1), Hepatitis C, chronic (18)
- **Zoonotic diseases:** Lyme disease (2)<sup>3</sup>
- **Animal Rabies:** (2)

**Mumps update:** Deer Lodge County identified a cluster of mumps cases this week (confirmatory tests pending). All cases are connected to each other and appear to be connected to travel to a resort where contact with international travelers is likely. All four of the cases were up-to-date on MMR vaccines. No additional at-risk contacts have been identified. Deer Lodge County Public Health sent out a local HAN to ask providers monitor for individuals presenting with parotitis, and to notify public health immediately if mumps testing needs to be arranged for suspect cases. In 2019, 12 cases of mumps have been reported in Montana. The average number of cases is typically 3-4 per year.

**Rabies:** Year-to-date, Montana has recorded six animal rabies cases (all bats) including one case in the current week (week 32). Three of the rabid animals involved exposures to humans, and four of the rabid animals also exposed other animals. As of week 31, 99 rabies post-exposure prophylaxis (PEP) recommendations or administrations have been recorded. This compares with 132 recommendations or administrations from the same time period last year. Eight records from 2019 show that PEP was not recommended by public health but was administered to the patient. PEP was recommended, but refused, in 23 cases. The most common reason for refusal was that the patient did not feel PEP was necessary, followed by expense of treatment.

**West Nile Virus:** The Cascade County Weed and Mosquito Division detected its first WNV positive sample of adult *Culex tarsalis* mosquitoes of the season. The sample was collected on August 1, 2019 in Cascade County. Montana Public Health Laboratory conducted confirmatory testing on the sample using PCR. This is the first positive mosquito specimen of the summer. A second specimen tested positive this week from Cascade County, which brings the total number of positive mosquito specimens to two. No human or equine WNV cases have been reported to CDEpi yet this season. Last year, our first positive mosquito sample occurred on July 12th, 2018.