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Communicable Disease Surveillance Summary Report

Jefferson County, Missouri

February 2026

NOTES ON THE DATA:

- All data and information are conditional and may change as more reports are received.
- Case definitions are established by the Missouri Department of Health and Senior Services' (DHSS) Communicable Disease Investigation Reference Manual and the CDC's National Notifiable Diseases Surveillance System (NNDSS). The totals reflect the number of confirmed and probable cases reported; suspect cases are not included.
- Data is reported in epidemiologic weeks established by the CDC's Morbidity and Mortality Weekly Report (MMWR). The MMWR week starts on a Sunday and ends on Saturday. Values for MMWR week range from 1 to 53, although most years consist of 52 weeks. The 2026 MMWR calendar began on January 4, 2026.
- Case date may be based on the onset date, diagnosis date, specimen date, or test date.
- Excluded from this report are Sexually Transmitted Diseases, Influenza, and COVID-19.
- Jefferson County Health Department monitors all reportable disease cases year-round. Figures 1. and 2. include detailed views of diseases or conditions that may be of importance during the time of year this report is published. Variables such as outbreaks or the seasonality of communicable diseases may affect the number of cases per month and call for a more in-depth look. Seasonal change in the incidence of infectious diseases is common.

**Table 1. Number of Enteric Cases by Month,
Jefferson County, Missouri**

Disease or Condition	Five Previous Months					Year to Date Comparison		
	October 2025	November 2025	December 2025	January 2026	February 2026	YTD 2026	YTD 5 Previous Year Mean	YTD Alert ¹
Campylobacteriosis	6	3	4	4	4	8	3	*
Cryptosporidiosis	0	0	1	0	0	0	0.4	
Cyclosporiasis	0	0	0	0	0	0	0	
Giardiasis	0	0	1	2	0	2	0.8	
Hepatitis A Acute	0	0	1	0	0	0	0.2	
Listeriosis	0	0	0	0	0	0	0.2	
Salmonellosis	6	1	0	2	1	3	3.4	
Shigellosis	0	0	0	0	0	0	0.2	
STEC (Shiga Toxin Producing E. Coli)	3	0	0	0	0	0	0.6	
Vibriosis	0	0	0	0	0	0	0	
Yersiniosis	2	0	0	1	0	1	0.2	
Enteric Totals	17	4	7	9	5	14	9	

¹ Year- to- Date alerts represent an increase of at least one standard deviation for total cases in the current year compared to the same time period in the five previous years.

**Table 2. Number of Respiratory and Systemic Disease Cases by Month,
Jefferson County, Missouri**

Disease or Condition	Five Previous Months					Year to Date Comparison		
	October 2025	November 2025	December 2025	January 2026	February 2026	YTD 2026	YTD 5 Previous Year Mean	YTD Alert
Coccidioidomycosis	0	0	0	0	0	0	0	
Hansen's Disease (Leprosy)	0	0	0	0	0	0	0	
Haemophilus Influenzae, Invasive	1	1	2	0	0	0	1	
Legionellosis and Pontiac Fever	0	0	0	0	0	0	0.2	
Measles	0	0	0	0	0	0	0	
Mpox	0	0	0	0	0	0	0	
Mumps	0	0	0	0	0	0	0	
Pertussis	7	3	2	1	0	1	0.8	
Staph Aureus, VISA	0	0	0	0	0	0	0.2	
Streptococcus Pneumoniae, Invasive	1	2	2	2	2	4	4.8	
Streptococcal Toxic Shock Syndrome	0	0	0	0	0	0	0.2	
Varicella	0	0	1	1	0	1	0.6	
Respiratory and Systemic Totals	9	6	7	4	2	6	7.8	

**Table 3. Number of Vector-Borne Cases by Month,
Jefferson County, Missouri**

Disease or Condition	Five Previous Months					Year to Date Comparison		
	October 2025	November 2025	December 2025	January 2026	February 2026	YTD 2026	YTD 5 Previous Year Mean	YTD Alert
Anaplasma Phagocytophilum	2	0	0	0	0	0	0	
Babesiosis	0	0	0	0	0	0	0	
Dengue Fever	0	0	0	0	0	0	0.2	
Ehrlichiosis	1	0	0	0	0	0	0	
Ehrlichiosis Anaplasmosis Undetermined	1	0	0	0	0	0	0	
Lyme	0	0	0	0	0	0	0	
Q Fever	0	0	0	0	0	0	0	
Rocky Mountain Spotted Fever	0	0	0	0	0	0	0	
Tularemia	0	0	0	0	0	0	0	
West Nile	0	0	0	0	0	0	0	
Zika	0	0	0	0	0	0	0	
Vector-Borne Totals	4	0	0	0	0	0	0.2	

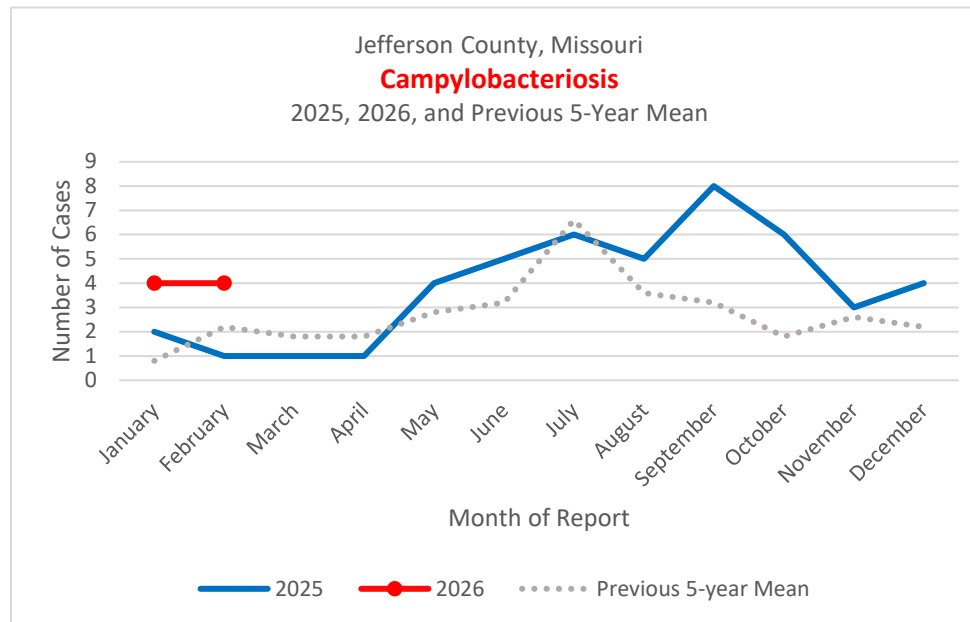
**Table 4. Number of Other/Miscellaneous Cases by Month,
Jefferson County, Missouri**

Disease or Condition	Five Previous Months					Year to Date Comparison		
	October 2025	November 2025	December 2025	January 2026	February 2026	YTD 2026	YTD 5 Previous Year Mean	YTD Alert
Animal Bites	22	25	15	21	30	51	35	*
Creutzfeldt- Jakob Disease (CJD)	0	0	0	0	0	0	0	
NTM (Non-Tuberculosis Mycobacterium)	3	1	2	4	1	5	3	*
Rabies Animal	2	0	0	0	0	0	0.2	
TB Disease	0	0	0	0	0	0	0	
TB Infection	2	1	2	3	2	5	4.4	
Other/Miscellaneous Totals	39	30	24	28	33	61	42.6	

**Figure 1. Campylobacteriosis
Jefferson County, Missouri**

Campylobacter infection, or campylobacteriosis, is caused by Campylobacter bacteria. Campylobacteriosis is one of the most common causes of diarrheal illness in the United States. There are 21 Campylobacter species; however, Campylobacter jejuni and Campylobacter coli are the two species that most often infect humans. Almost all persons infected with Campylobacter recover without any specific treatment. Antimicrobial therapy is warranted only for patients with severe disease or those at high risk for severe disease, such as those with immune systems severely weakened from medications or other illnesses.

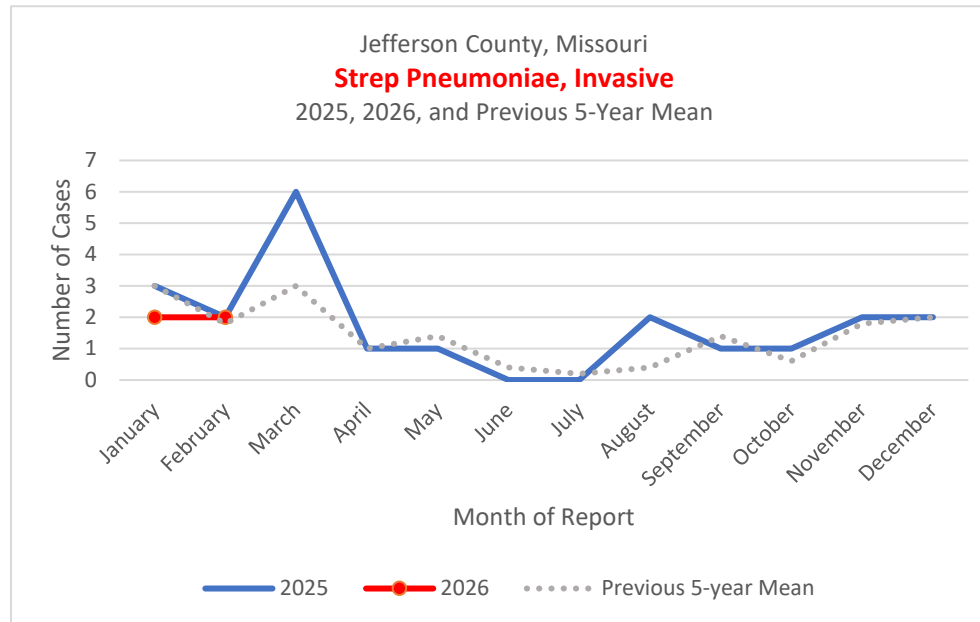
There were 4 cases of Campylobacteriosis reported during February 2026 in Jefferson County. During the previous 5 years, the number of cases has ranged from 0 to 8 per month. A year-to-date alert has been noted for Campylobacteriosis. Year-to-date alerts are present when the total cases in the current year are more than one standard deviation above the mean for the same time period in the previous five years.



**Figure 2. Strep Pneumoniae, Invasive
Jefferson County, Missouri**

Strep Pneumoniae, also called pneumococcus, is a bacterium that causes acute infection. Strep pneumoniae bacteria can cause many types of infections, such as pneumonia, meningitis, sinusitis, and bacteremia. Some of these infections can be life-threatening. Some pneumococcal infections are considered “invasive” when the infection occurs in areas of the body that are normally sterile. Two pneumococcal vaccines are available in the United States to help protect against pneumococcal disease.

There were 2 cases of Strep Pneumoniae, Invasive reported during February 2026 in Jefferson County. During the previous 5 years, the number of cases has ranged from 0 to 6 per month.



ADDITIONAL DATA SOURCES AND INFORMATION

Missouri Department of Health and Senior Services, Communicable Disease Investigation Reference Manual:
<https://health.mo.gov/living/healthcondiseases/communicable/communicabledisease/cdmanual/index.php>

CDC National Notifiable Diseases Surveillance System (NNDSS):
<https://www.cdc.gov/nndss/>