



Klamath County Monthly Communicable Disease Report

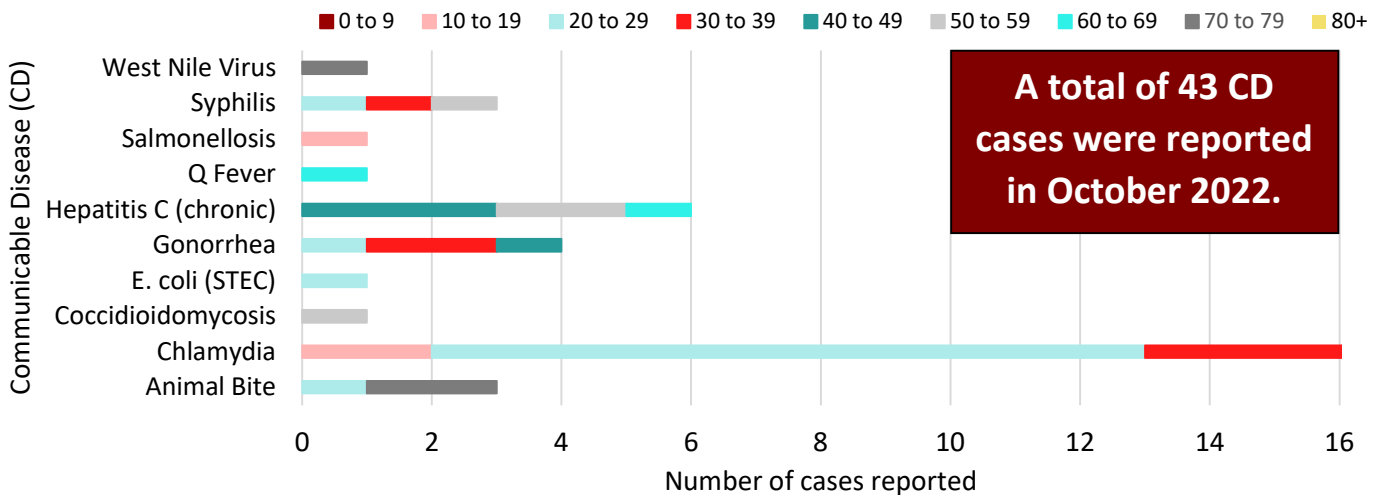
October 2022

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A communicable disease (CD) is an illness that is caused by an infectious agent or toxin [1]. These agents and toxins can spread from person to person or from a different source, such as an animal to human. Communicable disease can also be spread through the air, water, or food [2]. Communicable disease can spread rapidly in a population, which is why communicable disease trends are monitored in order to prevent outbreaks and epidemics.

The following report lists the number of CD cases confirmed by a public health or clinic laboratory from October 1, 2022 to October 31, 2022, compared to the number of CD cases during the same time the previous year.

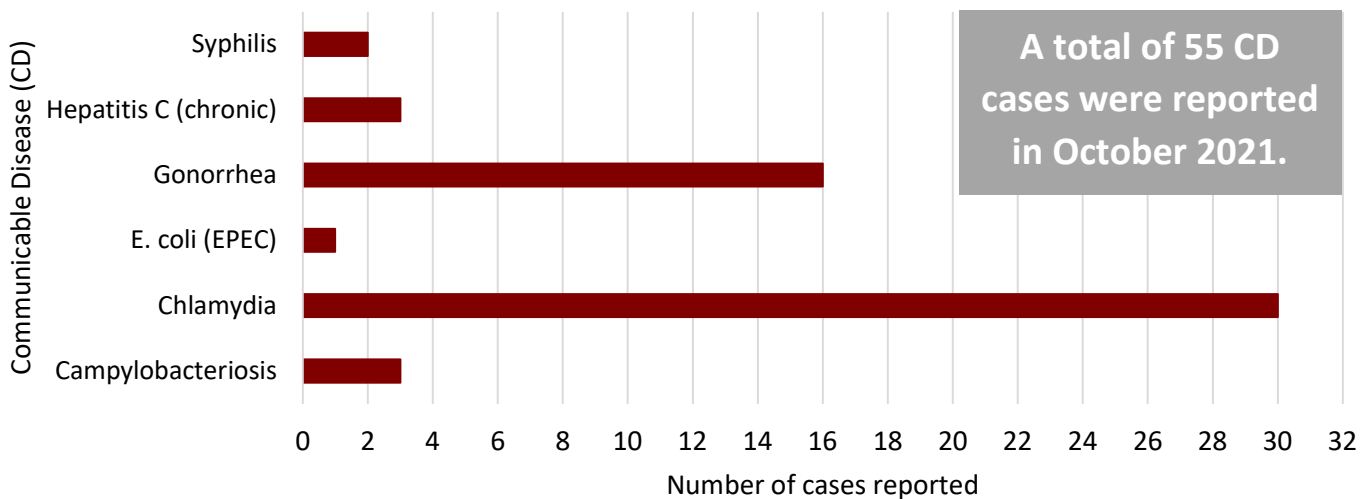
Number of communicable disease (CD) cases reported by age group from October 1, 2022 to October 31, 2022, Klamath County residents



A total of 43 CD cases were reported in October 2022.

Note: E. coli (STEC) is the abbreviation for Shiga toxin-producing Escherichia coli and q fever is the abbreviation for query fever caused by bacteria Coxiella burnetii.

Number of communicable disease (CD) cases reported from October 1, 2021 to October 31, 2021, Klamath County residents

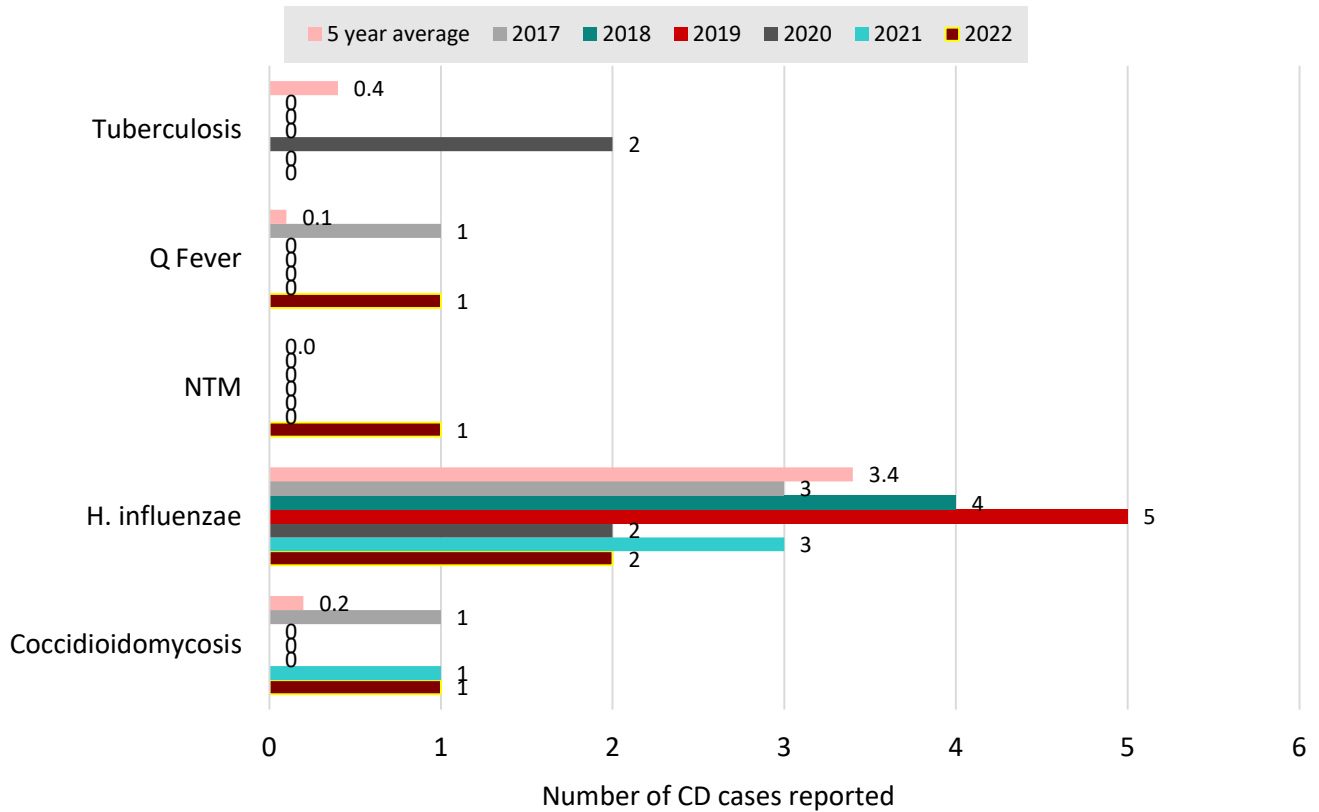


A total of 55 CD cases were reported in October 2021.

Communicable Disease by Mode of Transmission

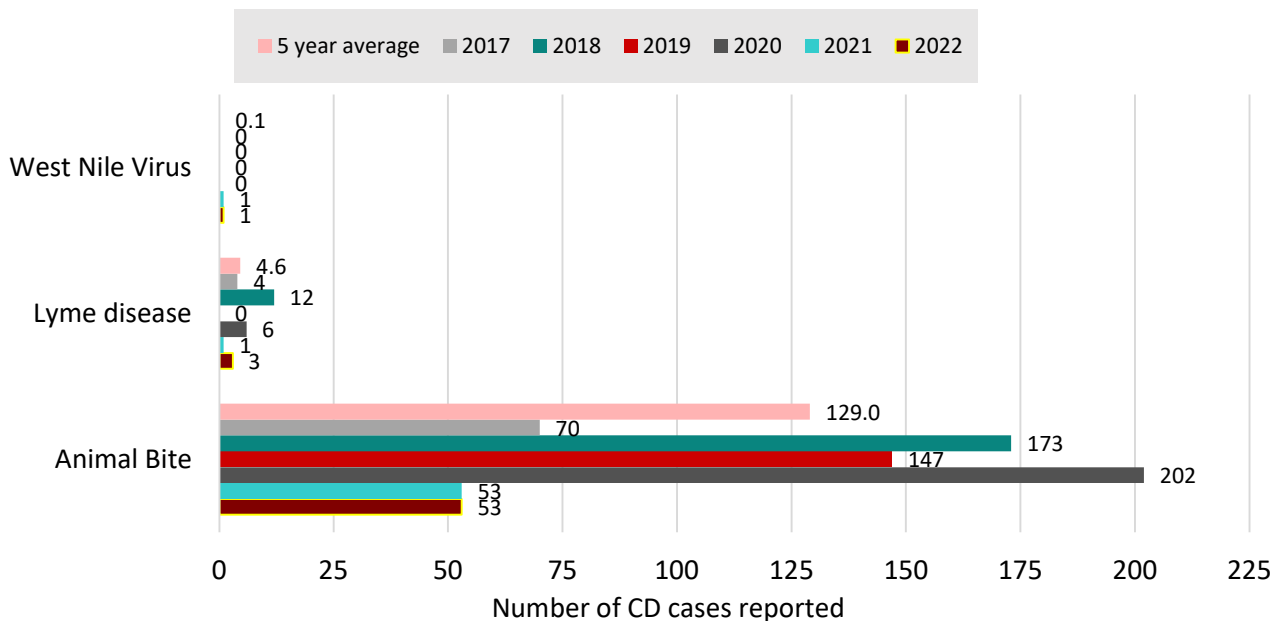
Communicable disease can be spread by different modes, a disease may be spread through multiple modes of transmission. The graph below classifies the reported diseases by their primary mode of transmission.

Airborne communicable disease (CD) cases reported (excluding flu & COVID-19) from 2017 to October 2022, Klamath County residents

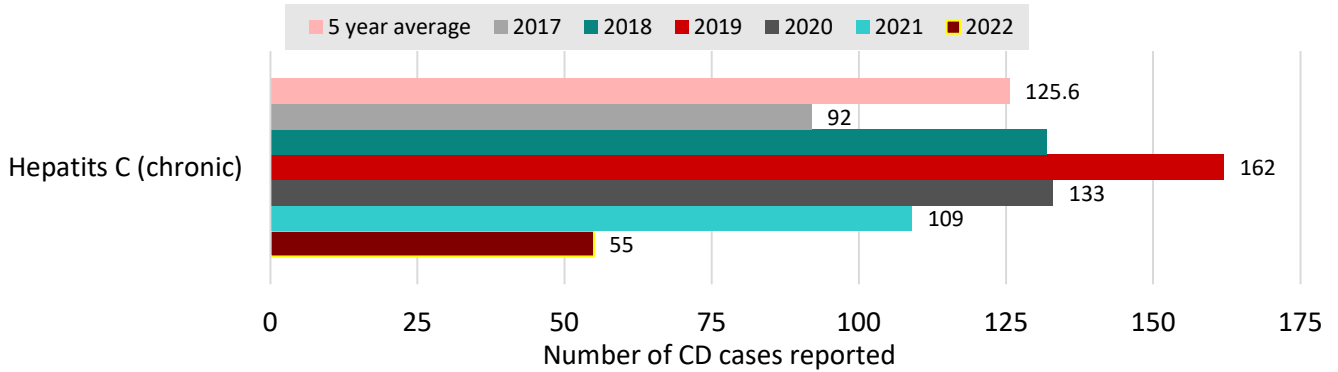


Note: NTM is the abbreviation for Non-tuberculosis mycobacteria and H. influenzae is the abbreviation for Haemophilus influenzae.

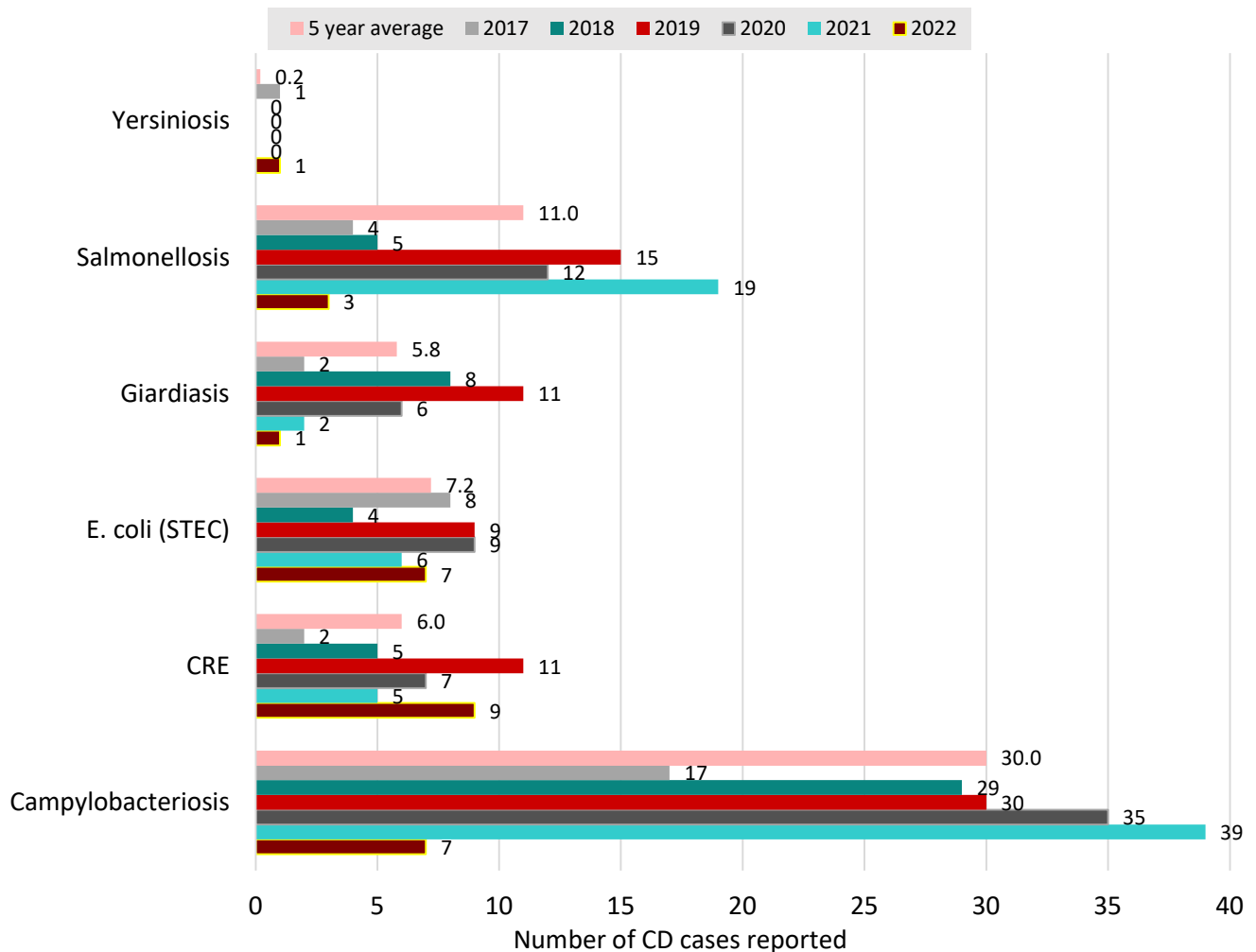
Animal exposure and vectorborne communicable disease (CD) cases reported from 2017 to October 2022, Klamath County residents



Bloodborne communicable disease (CD) cases reported from 2017 to October 2022, Klamath County residents

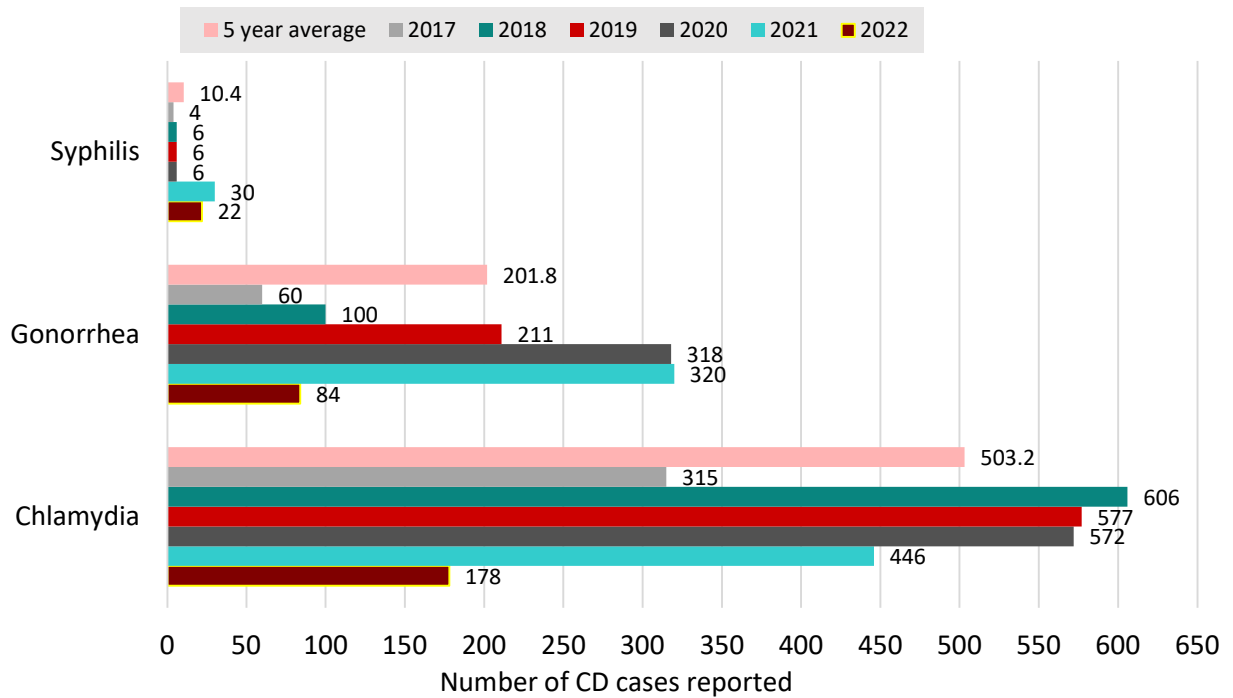


Diarrheal communicable disease (CD) cases reported from 2017 to October 2022, Klamath County residents



Note: E. coli (STEC) is the abbreviation for Shiga toxin-producing Escherichia coli and CRE is the abbreviation for carbapenem-resistant Enterobacterales.

Sexually transmitted communicable disease (CD) cases reported from 2017 to October 2022, Klamath County residents



Sources

1. Center for Disease Control and Prevention (2012). Menu of suggested provisions for state tuberculosis prevention and control laws. Retrieved from: <https://www.cdc.gov/tb/programs/laws/menu/definitions.htm>
2. American Public Health Association (2019). Communicable disease. Retrieved from <https://www.apha.org/topics-and-issues/communicable-disease>

Disease data is collected through the Oregon Public Health Epidemiologists' User System (Orpheus). Orpheus is an integrated electronic disease surveillance system intended for local and state public health epidemiologists and disease investigators to efficiently manage communicable disease reporting.