



ERIE COUNTY HEALTH DEPARTMENT

420 Superior Street · Sandusky, OH 44870 · (419) 626-5623

Erie County Communicable Disease Report Quarter 2 (May-June 2019)

Communicable Disease Statistics			
	April	May	June
Total Reported CDs	70	66	60
Total Outbreaks	1 gastrointestinal 1 respiratory	0 new outbreaks	1 respiratory
Top 5 Reported CDs/Month	Chlamydia (39)	Chlamydia (35)	Chlamydia (36)
	Gonorrhea (11)	Gonorrhea (15)	Gonorrhea (8)
	Flu Hospitalization (8)	Hepatitis C (10)	Hepatitis C (7)
	Hepatitis C (4)	Campylobacteriosis (1)	Campylobacteriosis (3)
	Giardiasis (2)	Salmonellosis (1)	Coccidioidomycosis (1)

Statewide Hepatitis A Outbreak

As of July 8, 2019, 3,161 individual cases of outbreak-related hepatitis A have been confirmed in Ohio. The Ohio Department of Health (ODH) declared a statewide community outbreak in June 2018, which is ongoing.

In April 2019, Erie County saw its first hepatitis A case linked to the Ohio statewide community outbreak. Two (2) close contacts were identified and contacted regarding possible hepatitis A exposure. One (1) contact received their first dose of hepatitis A vaccine from the Erie County Health Department within the recommended timeframe following possible exposure.

Post-exposure prophylaxis (PEP) for hepatitis A includes injection of either hepatitis A vaccine or immune globulin within the first 2 weeks after exposure.

The high-risk populations for hepatitis A in this outbreak include:

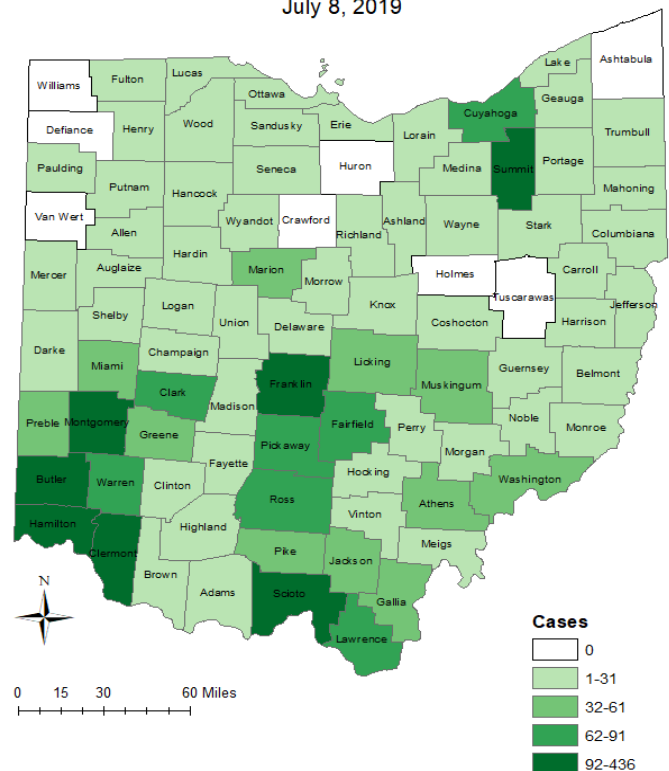
- People who use illegal drugs (injection or non-injection)
- People experiencing unstable housing or homelessness
- People who are currently or were recently incarcerated
- Men who have sex with men (MSM)
- People with chronic liver disease, including cirrhosis, hepatitis B or hepatitis C

Symptoms of hepatitis A include:

- Fever
- Abdominal pain
- Fatigue
- Dark urine
- Loss of appetite
- Diarrhea
- Nausea
- Clay-colored stools
- Vomiting
- Joint pain
- Jaundice

Hepatitis A Outbreak Cases by County, Ohio, 2018-2019

July 8, 2019



Data analyzed 07/08/19, Outbreak Response and Bioterrorism Investigation Team, Bureau of Infectious Diseases, Ohio Department of Health, 2019.

Multi-State Measles Outbreak

As of July 3, 2019, 1,109 individual cases of measles have been confirmed in 28 states. This is the largest reported number of cases since 2014 (667 cases). The CDC suspects that increased international travel (into and out of the United States) and pockets of unvaccinated individuals within the US are the reason for the increase in measles cases.

On July 12, 2019 the Ohio Department of Health issued a press release to announce the first confirmed case of measles in Ohio in 2019. This case was exposed to measles while traveling to a state with an ongoing measles outbreak. Erie County has investigated three (3) suspected measles cases in 2019; all were determined to be “not a case”.

Symptoms of measles include:

- Fever (>101F)
- Maculopapular rash starting on the face and spreading to the rest of the body
- Stuffy Nose
- Koplik spots may appear in the throat prior to rash onset
- Conjunctivitis
- Cough
- Photophobia (lasting 2-4 days)

When looking at measles as a possible diagnosis, please consider:

- Vaccination status (1 MMR vaccine history provides >90% protection)
- Recent travel, especially to an area with an active outbreak of measles
- If measles is suspected, conduct the appropriate testing (IgM/IgG testing via blood and PCR testing via nasopharyngeal or throat swab)
- Isolation, quarantine, and post-exposure prophylaxis should be considered based on the degree of a suspected case and their exposures
- Symptoms typically appear within 14 days after exposure, with a range of 7-21 days. Symptoms usually subside after 7-9 days.

Please remember that measles is a Class A reportable disease and must be reported immediately by telephone to the local health department where the patient resides.

DISEASE REPORTING AND INVESTIGATION

Please be familiar with Chapter 3703-3 of the Ohio Administrative Code as it pertains to communicable diseases. The following codes are commonly used:

- 3701-3-02 Diseases to be reported
- 3701-3-03 Reportable disease notification
- 3701-3-05 Time to report
- 3701-3-08 Release of patient's medical records
- 3701-3-13 Isolation requirement
- 3701-3-28 Report of bite of dog or other mammal

Learn more about these codes at:
<http://1.usa.gov/21WljvB>

ODH Tick Identification Service

Due to the increase in tick-borne diseases throughout Ohio, the Ohio Department of Health Zoonotic Disease Program has begun an enhanced tick surveillance project that will be carried out through the end of 2019.

Blacklegged (deer) tick



The Erie County Health Department has submitted five (5) ticks to ODH for identification in 2019:

- 4 American Dog ticks, *Dermacentor variabilis*
- 1 Blacklegged tick, *Ixodes scapularis*

American dog (wood) tick



Ticks (or photos of ticks) can be sent to Erie County Health Department year-round for species identification through the ODH Zoonotic Disease Program. **Ticks are NOT tested for disease.**

Lone star tick



If you (or any of your patients) would like to submit a tick for species identification through the Erie County Health Department, please contact:

Female, Male, Nymph, Larva

Ashley Franks, Epidemiologist (419) 626-5623 x200
Anne Wells, Sanitarian in Training (419) 626-5623 x173

FOR MORE INFORMATION:

Erie County Health Department (419) 626-5623 x200
Centers for Disease Control and Prevention www.cdc.gov
Ohio Department of Health www.odh.ohio.gov