



# Communicable Disease Report Summit County June, 2017



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## **June Report:**

### **1. Monthly Highlights/Observations:**

The SCPH Communicable Disease Unit (CDU) remains involved with a complicated new case of Tuberculosis (TB). The CDU continues to collaborate with numerous agencies in the community including home health personnel, Department of Job and Family Services, Children's Services, a Pediatric physician and staff, an Infectious Disease physician, International Institute and Summit County Lead Program. The CDU is also conducting an extensive contact investigation for this case.

The CDU is additionally following 3 cases of active pulmonary TB, all on Direct Observed Therapy (DOT). Two cases of extrapulmonary TB are being followed, one complicated with multi drug resistance (MDR) and the other with poly drug resistance .

There is one case of active TB that is in process of relocating from another state into Summit County and the CDU is coordinating with the other state Health Department to ensure the safe and prudent transfer of care.

In addition to TB cases , the CDU has investigated several cases of acute Hepatitis B related to opioid drug use. There was also a case of Group A invasive Streptococcus related to IV drug use which resulted in necrotizing fasciitis. There was one suspect case of mumps.

### **2. Outbreaks:**

There were no outbreaks reported in June.

Of note, there is an increase number of reported enteric infections. No epidemiologic trend or pattern was observed to suggest an Outbreak. These infections usually increase in summer months and are often associated with food temperatures such as undercooked food or food left sitting in the heat.

**3. Epicenter:** Epicenter monitors local hospital Emergency Departments for unusual disease activity. During the month of June,, there were 5 Epicenter alerts for the following symptoms/syndromes: Congestion (2), Diarrhea (1), Stiff Neck (1), and Eyes (1). Investigation of these alerts indicated that there were no concerns for an emerging public health threat.

### **4. Surveillance:**

Influenza surveillance ended May 13, 2017 and the 2016-2017 season summary report was issued on May 31, 2017. The Ohio Department of Health has issued a request to increase statewide influenza surveillance during the summer months, asking LHDs to ask healthcare providers to consider sending positive influenza specimens to ODH for confirmatory testing and subtyping.

**5. Vector-borne Surveillance:** Vector-borne disease surveillance began from May 28, 2017. This surveillance report will be issued bi-weekly through October , 2017. There have been 3 tests for humans ordered for West Nile Virus (WNV), and all were negative. Environmental testing has yielded 4 mosquito pools testing positive for WNV. Year to date, there have been 84 tests for Lyme disease processed in labs in Summit County, with 2 confirmed cases.

## Communicable Disease Reports Received, June 2017

Reportable Condition	Jun-17	May-17	Total Year-to-Date	Total June 2016
Amebiasis	0	0	0	0
Babesiosis	0	0	1	0
Botulism - infant	0	0	0	0
Botulism, food borne	0	0	0	0
Brucellosis	0	0	0	0
Campylobacterosis	4	4	18	4
Chlamydia infection	300	173	1,383	279
Cholera	0	0	0	0
Coccidioidomycosis	0	1	1	0
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	3	1	5	1
Dengue	0	0	0	0
E. coli - O157:H7	1	0	0	0
E. coli - Not O157:H7	2	0	3	1
Ehrlichiosis-Ehrlichia chaffeensis	0	0	1	0
Giardiasis	3	4	21	1
Gonococcal infection	96	56	463	77
Haemophilus influenzae	0	1	3	1
Hepatitis A	1	1	5	1
Hepatitis B - acute	5	3	14	1
Hepatitis B - chronic	4	14	51	7
Hepatitis B - perinatal	0	1	8	6
Hepatitis C- acute	0	1	5	3
Hepatitis C- chronic	68	46	392	65
Hepatitis E	0	0	0	0
HIV/AIDS	7	6	28	7
Influenza - ODH Lab Results	0	0	0	0
Influenza-associated hospitalization	0	3	392	2
Influenza-associated pediatric mortality	0	0	0	0
LaCrosse virus disease ( other california serogroup virus diseases)	0	0	0	0
Legionellosis - Legionnaires' Disease	1	1	5	1
Listeriosis	0	0	0	0
Lyme	4	0	10	3
Malaria	1	0	1	0
MERS	0	0	0	0
Measles	0	0	0	1
Meningitis - aseptic/viral	2	1	10	1
Meningitis-bacterial (Not N. meningitidis)	1	0	1	0
Meningococcal disease-Neisseria meningitidis	0	0	1	0
Mumps	1	0	1	0

Mycobacterial disease - other than tuberculosis	0	0	0	2
Other arthropod-borne disease	0	0	0	0
Pertussis	1	1	16	5
Q Fever	0	0	1	1
Rubella	0	0	0	0
Salmonellosis	5	3	19	3
Shigellosis	0	0	1	5
Spotted fever rickettsiosis, including RMSF	0	0	0	2
Streptococcal - Group A invasive	4	3	22	0
Streptococcal - Group B in newborn	0	1	3	1
Streptococcal toxic shock syndrome (STSS)	0	0	2	0
Streptococcus pneumoniae - invasive - unknown resistance	3	1	19	0
Streptococcus pneumoniae - invasive - resistant	0	0	2	4
Syphilis - all stages	6	7	33	6
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	1	1	2	0
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	0	0	1	1
Vibriosis (not cholera)	0	0	1	0
West Nile	0	0	0	0
Yersiniosis	1	0	1	1
Zika virus	0	0	1	0
<b>Total</b>	<b>525</b>	<b>334</b>	<b>2,947</b>	<b>493</b>

**Notes:**

\* This report includes the number of reports of disease received and investigated by Summit County Public Health (SCPH). This includes all reports that were determined to be probable, suspected, or confirmed. Based on case investigation, clinical diagnoses, epidemiological case definitions, and lab results, the case status may change.

\* The Total Year-to-Date column reflects all cases of disease where SCPH is identified as the local health department in the Ohio Disease Reporting System (ODRS) as of the date that data was extracted. This includes the cases of disease entered into ODRS after last month's report was generated which will now be included in the Previous Month Revised column. Data may also vary in response to recent changes in data extraction and analysis. Because case classifications can change over time, monthly figures should not be considered final until the annual report is complete.

For questions or comments about this report, please contact Leanne Beavers BSN, RN at (330) 926-5617. This report was issued on July 7, 2017..

