Communicable Disease Report
Summit County
July, 2017

July Report:

1. Monthly Highlights/Observations:
No new cases of Tuberculosis were reported in July. The Communicable Diisease Unit (CDU) continue to follow 3 cases of Pulmonary TB and 2 cases of extrapulmonary multidrug resistant TB. One pulmonary case is polydrug resistant. One case of pulmonary TB relocated to Summit County from another state in July. All cases are complex and require collaboration and coordination between multiple agencies and external community services.

2. Outbreaks:
There was a Norovirus Outbreak in a local assisted living facility. Eight residents and 3 staff were symptomatic. The CDU worked with the facility to ensure infection control measures were implemented and no further cases were reported 5 days after onset of the initial case. Stool samples sent to ODH confirmed the same norovirus genotyping.
Currently an investigation is underway for a cluster of salmonella cases among employees of a medical office practice.
In July there was an increase in reported cases of Legionella. Two cases were potentially acquired in different healthcare facilities. Surveillance of other pneumonia cases demonstrated no other healthcare associated cases. The Center for Medicare & Medicaid Services (CMS) issued a Memorandum in June 2017 to healthcare facilities requiring that healthcare facilities must develop water management policies and procedures to inhibit the growth and spread and of Legionella and other opprotunistic pathogens in water.

3. Epicenter: Epicenter monitors local hospital Emergency Departments for unusual disease activity. During the month of July, there were 11 Epicenter alerts for the following symptoms/syndromes: Congestion (1), Diarrhea (5), Stiff Neck (1), and Eyes (2) and hemorrhaging (2). Investigation of these alerts concluded that there were no indications of an emerging public health threat.

4. Surveillance:
Although Influenza surveillance ended May 13, 2017,The Ohio Department of Health issued a request to increase statewide influenza surveillance during the summer months.
In the month of July , there were 2 non hospitalized reports of Influenza A and one hospitalized case of Influenza A. All were type 2009 Pandemic A .

5. Vector-borne Surveillance: Vector-borne disease surveillance began from May 28, 2017. This surveillance report will be issued bi-weekly through October , 2017. In the month of July there were 10 West Nile Virus tests ordered and all were negative. Also in July there were 98 tests for Lyme Disease but none have been confirmed as positive.

Communicable Disease Reports Received, July 2017				
Reportable Condition	Jul-17	Jun-17	Total Year-to-Date	Total July 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	1	1	0
Campylobacterosis	7	4	20	9
Chlamydia infection	197	300	1,580	240
Cholera	0	0	0	0
Coccidioidomycosis	0	1	1	0
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	1	4	6	3
Dengue	0	0	0	0
E. coli - O157:H7	0	0	0	0
E. coli - Not O157:H7	1	4	6	0
Ehrlichiosis-Ehrlichia chaffeensis	0	0	1	0
Giardiasis	3	4	27	1
Gonococcal infection	89	96	552	90
Haemophilus influenzae	0	0	3	0
Hepatitis A	1	1	5	1
Hepatitis B - acute	3	5	17	2
Hepatitis B - chronic	6	5	58	11
Hepatitis B - perinatal	2	0	10	2
Hepatitis C- acute	1	0	3	3
Hepatitis C- chronic	66	72	462	74
Hepatitis E	0	0	0	0
HIV/AIDS	7	7	35	6
Influenza - ODH Lab Results	2	0	2	1
Influenza-associated hospitalization	1	0	393	1
Influenza-associated pediatric mortality	0	0	0	0
LaCrosse virus disease (other california serogroup virus diseases)	0	0	0	0
Legionellosis - Legionnaires' Disease	9	2	15	2
Listeriosis	0	0	0	0
Lyme	4	5	15	5
Malaria	0	1	1	0
MERS	0	0	0	1
Measles	0	0	0	1
Meningitis - aseptic/viral	3	2	13	2
Meningitis-bacterial (Not N. meningitidis)	0	1	1	0
Meningococcal disease-Neiserria meningitidis	0	0	1	0
Mumps	0	0	0	0

Mycobacterial disease - other than tuberculosis	0	0	3	11
Other arthropod-borne disease	0	0	0	0
Pertussis	3	2	20	4
Q Fever	0	0	1	0
Rubella	0	0	0	0
Salmonellosis	10	5	32	9
Shigellosis	0	0	1	0
Spotted fever rickettsiosis, including RMSF	0	0	0	0
Streptococcal - Group A invasive	2	4	25	0
Streptococcal - Group B in newborn	1	0	3	1
Streptococcal toxic shock syndrome (STSS)	0	0	2	0
Streptococcus pneumoniae - invasive - unknown resistance	0	3	17	0
Streptococcus pneumoniae - invasive - resistant	1	0	3	0
Syphilis - all stages	8	6	41	3
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	0	1	3	0
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	0	0	1	3
Vibriosis (not cholera)	0	0	1	0
West Nile	0	0	0	1
Yersiniosis	0	1	1	0
Zika virus	0	0	1	0
Total	**428**	**537**	**3,384**	**487**

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 August 7, 2017..