



Communicable Disease Report Summit County May, 2017



May Report:

1. Monthly Highlights/Observations:

The SCPH Communicable Disease Unit (CDU) is involved in the investigation of a complicated new case of Tuberculosis. The CDU is collaborating with numerous agencies in the community including Department of Job and Family Services, Children's Services, Summa hospital staff and social workers, International Institute and Summit County Lead Program. The CDU continues to follow 5 cases of active pulmonary tuberculosis (TB), all on Direct Observed Therapy (DOT). One case of extrapulmonary TB is being followed, complicated with multi drug resistance (MDR). There are 2 cases of suspect TB that are being investigated. In May one suspect case under investigation was determined to be not a case.

2. Outbreaks:

There were no outbreaks to report in May, however the CDU was involved in an investigation of school age children with complaints of Norovirus like symptoms. Some of the children were part of a baseball group and attended a baseball outing. Upon further investigation it was revealed that some of the children had gastrointestinal symptoms before the outing, and there were children with symptoms who did not attend the outing. It was determined that there was no association with the baseball venue.

3. Epicenter: Epicenter monitors local hospital Emergency Departments for unusual disease activity. During the month of May, there were 2 Epicenter alerts for the following symptoms/syndromes: Paralysis (1) and Ears, Nose and Throat (1). Investigation of these alerts indicated that there were no concerns for an emerging public health threat.

4. Surveillance: Influenza surveillance started in October and was completed in May.

Flu season 2016-2017 had high ILI activity compared to previous years. 10 deaths related to influenza and 222 deaths related to pneumonia were reported in Summit County during flu surveillance period. Week 20 (week beginning: Feb 19th, 2017) of the surveillance period was the peak week for overall positive flu cases (for both influenza A and influenza B). A total of 10,878 lab tests were conducted, out of which, 1,236 tested positive for influenza A and 622 tested positive for influenza B. A total of 365 confirmed influenza associated hospitalization was reported during flu surveillance 2016-2017.

5. Vector-borne Surveillance: Vector-borne disease surveillance will start from June 1, 2017.

Communicable Disease Reports Received, May 2017

Reportable Condition	Current Month Reported	Previous Month (Revised)	Total Year-to-Date	Total May 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	1	11	3
Chlamydia infection	173	189	1,083	211
Cholera	0	0	0	0
Coccidioidomycosis	0	1	1	0
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	1	0	2	0
Dengue	0	0	0	0
E. coli - O157:H7	1	0	0	0
E. coli - Not O157:H7	0	0	1	0
Ehrlichiosis-Ehrlichia chaffeensis		0	1	0
Giardiasis	4	1	18	2
Gonococcal infection	56	95	367	82
Haemophilus influenzae	0	1	3	0
Hepatitis A	1	0	4	0
Hepatitis B - acute	3	1	9	2
Hepatitis B - chronic	14	6	47	10
Hepatitis B - perinatal	1	1	8	1
Hepatitis C- acute	1	3	5	1
Hepatitis C- chronic	46	62	324	56
Hepatitis E	0	0	0	0
HIV/AIDS	6	3	21	1
Influenza - ODH Lab Results	0	0	0	0
Influenza-associated hospitalization	3	42	392	12
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	4	4
Listeriosis	0	0	0	0
Lyme	0	0	6	3
Malaria	0	0	0	0
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	1	1	8	0
Meningitis-bacterial (Not N. meningitidis)	1	0	1	1
Meningococcal disease-Neisseria meningitidis	0	0	1	0
Mumps	0	0	0	0

Mycobacterial disease - other than tuberculosis	0	0	0	4
Other arthropod-borne disease	0	0	0	0
Pertussis	1	2	15	2
Q Fever	0	0	1	0
Rubella	0	0	0	0
Salmonellosis	5	3	14	2
Shigellosis	0	0	1	1
Spotted fever rickettsiosis, including RMSF	0	0	0	0
Streptococcal - Group A invasive	3	3	18	5
Streptococcal - Group B in newborn	1	0	2	1
Streptococcal toxic shock syndrome (STSS)	0	2	2	0
Streptococcus pneumoniae - invasive - unknown resistance	1	3	16	1
Streptococcus pneumoniae - invasive - resistant	0	0	2	1
Syphilis - all stages	7	5	33	4
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	1	0	1	0
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	0	0	1	2
Vibriosis (not cholera)	0	0	1	0
West Nile	0	0	0	0
Yersiniosis	0	0	0	0
Zika virus	0	0	1	0
Total	336	426	2,426	412

Notes:

* This 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, confirmed or not-a-case. 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. 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 June 6, 2017..

