



Communicable Disease Report Summit County March, 2017



March Report:

1. Monthly Highlights/Observations:

SCPH is currently following 5 cases of active pulmonary TB all on DOT. SCPH is continuing to follow 2 suspected pulmonary TB cases, and one complicated Multi-Drug Resistant TB (MDR TB) extra-pulmonary case. The Communicable Disease Unit investigated a case of viral meningitis in a 2 week old. The baby returned home without complications after 7 days of treatment. There is also a case of Vibrio Cholera under investigation. SCPH also investigated 2 pertussis cases, both unrelated.

2. Outbreaks:

SCPH investigated an outbreak of Influenza A at a local assisted living facility which affected 27 residents. The SCPH Communicable Disease Unit assisted the Cuyahoga County Health Department with a food borne illness investigation which impacted Summit County residents as well as Cuyahoga County. The CDU did 45 interviews of residents with foodborne illness.

3. Epicenter: Epicenter monitors local hospital Emergency Departments for unusual disease activity. During the month of February, there were 6 Epicenter alerts for the following symptoms/syndromes: Eye Anomaly (2), Headache (1), Edema (1), and Nausea (2). Investigation of these alerts indicated that there were no concerns for an emerging public health threat.

4. Surveillance: Influenza surveillance started in October. The most current flu report was for weeks 23 and 24 (March 12th, 2017 - March 19th, 2017), and indicated slight increase in flu activity in Summit County compared to week 23. Total number of influenza associated hospitalizations (Summit County) for influenza season 2016-2017 = 312

5. Vector-borne Surveillance: Vector-borne disease surveillance will recommence around June 1, 2017.

Communicable Disease Reports Received, March 2017

Reportable Condition	Current Month Reported	Previous Month (Revised)	Total Year-to-Date	Total March 2016
Amebiasis	0	0	0	0
Babesiosis	1	0	1	0
Botulism - infant	0	0	0	0
Botulism, food borne	0	0	0	0
Brucellosis	0	0	0	0
Campylobacterosis	3	2	6	3
Chlamydia infection	228	142	708	219
Cholera	0	0	0	0
Coccidioidomycosis	0	0	0	0
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	0	1	1	0
Dengue	0	0	0	0
E. coli - O157:H7	0	0	0	0
E. coli - Not O157:H7	0	0	0	1
Ehrlichiosis-Ehrlichia chaffeensis	0	0	1	0
Giardiasis	3	5	13	1
Gonococcal infection	64	40	216	86
Haemophilus influenzae	2	0	2	0
Hepatitis A	2	0	3	0
Hepatitis B - acute	1	1	5	1
Hepatitis B - chronic	10	7	25	0
Hepatitis B - perinatal	5	1	6	3
Hepatitis C- acute	1	0	1	1
Hepatitis C- chronic	79	63	213	61
Hepatitis E	0	0	0	0
HIV/AIDS	2	4	12	9
Influenza - ODH Lab Results	0	0	0	0
Influenza-associated hospitalization	146	110	347	78
Influenza-associated pediatric mortality	0	0	0	0
LaCrosse virus disease (other california serogroup virus diseases)	0	0	0	0
Legionellosis - Legionnaires' Disease	0	0	2	0
Listeriosis	0	0	0	0
Lyme	2	4	7	2
Malaria	0	0	0	0
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	1	3	6	1
Meningitis-bacterial (Not N. meningitidis)	0	0	0	0
Meningococcal disease-Neisseria meningitidis	1	0	1	0
Mumps	0	0	0	0

Mycobacterial disease - other than tuberculosis	0	0	0	3
Other arthropod-borne disease	0	0	0	0
Pertussis	3	4	12	0
Q Fever	0	0	0	0
Rubella	0	0	0	1
Salmonellosis	3	2	6	2
Shigellosis	0	0	1	1
Spotted fever rickettsiosis, including RMSF	0	0	0	0
Streptococcal - Group A invasive	3	1	12	1
Streptococcal - Group B in newborn	1	0	1	0
Streptococcus pneumoniae - invasive - unknown resistance	3	1	12	8
Streptococcus pneumoniae - invasive - resistant	0	1	2	0
Syphilis - all stages	5	11	22	6
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	0	0	1	0
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	0	1	1	2
Vibriosis (not cholera)	1	0	1	0
West Nile	0	0	0	0
Yersiniosis	0	0	0	0
Zika virus	0	0	1	0
Total	570	404	1,648	490

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 Bob Hasenyager, RS, MS, at 330.812.3857. This report was issued on April 3rd, 2017.

