



Communicable Disease Report Summit County April, 2021



1. Monthly Highlights/Observations:

Tuberculosis- Two new suspected cases of TB were reported in April, and 7 contacts continue to be investigated. SCPH CDU currently provides direct observed therapy (DOT) to 4 cases; two DOT case were opened in April. DOT clients receive daily to monthly visits via FaceTime calls depending on side effects and where client is in treatment. All cases are complex, which requires collaboration and coordination between multiple agencies and external community services.

The CDU investigated 69 communicable disease cases: 1 case of infant botulism, 1 case of CP-CRE, 1 case of acute hepatitis B, 16 cases of chronic hepatitis B, 2 cases of hepatitis C, 3 cases of legionellosis, 3 cases of Lyme disease, 2 cases of aseptic/viral meningitis, 1 cases of bacterial meningitis, 3 cases of MIS-C associated with COVID-19, 1 case of pertussis, 1 case of psittacosis, 1 case of streptococcal toxic shock, 3 cases streptococcal disease Group A, 1 case of *Streptococcus pneumoniae* infection, 7 cases of varicella infection, and 21 enteric cases (2 campylobacteriosis, 2 cryptosporidiosis, 1 *E. coli* infection, 3 giardiasis, 4 hepatitis A, 4 salmonellosis, 2 shigellosis, and 3 yersiniosis) in April. **Note:** *Since some reported cases end up being classified as "Not A Case" in ODRS, the investigation case totals may exceed the counts in the table.*

2. Outbreaks: 22 COVID-19 outbreaks were reported to the CDU in April, and were associated with work environments, day cares / preschools, schools, and sports teams. Two non-COVID-19 outbreaks were also reported.

COVID-19: There were 3,320 confirmed or probable cases of COVID-19 reported in Summit County, all were investigated by the CDU staff. Investigation of COVID-19 cases includes (but is not limited to) patient interviews, contact tracing, and follow up with healthcare providers and employers. A preliminary total of 51,043 COVID-19 cases were reported in Ohio in April. COVID-19 information, a weekly COVID-19 report, and a dashboard with data for Summit County can be accessed here: <https://www.scph.org/covid>

3. ESSENCE: Epicenter is an electronic surveillance system which provides instant notification of unusual symptomatic activity at local Emergency Departments. No ESSENCE alerts were issued for Summit County during April. These alerts were investigated and were determined to be either associated with the surge of COVID-19 cases this month or not to be a public health concern. Epicenter was inactivated and replaced by the ESSENCE Surveillance System on January 1, 2021.

4. Influenza Surveillance: Surveillance for the 2020-2021 influenza season began on October 4, and the initial reports were issued on October 30. Influenza activity in April continued to be minimal, with zero positive flu tests and zero hospitalizations at reporting Summit County labs and hospitals. Data from previous influenza seasons are available in an influenza dashboard, which is located on the SCPH website: <https://www.scph.org/dashboards> Weekly influenza reports may be accessed here: <https://www.scph.org/flu-surveillance-reports>

5. Vector-borne Surveillance: Vector borne surveillance ended on October 24, 2020, and will resume in late May with the first report to be issued in mid-June. Copies of the reports for 2020 and previous years may be accessed at: <https://www.scph.org/vector-surveillance-reports>

Communicable Disease Reports Received, April 2021

Reportable Condition	Apr 2021	Mar 2021	Year-to-Date 2021	Year-to-Date 2020
Amebiasis	0	0	0	0
Babesiosis	0	0	1	1
Botulism - infant	1	0	1	0
Botulism, food borne	0	0	0	0
Brucellosis	0	0	0	0
COVID-19	3,320	3,209	18,577	648
CP-CRE	1	2	6	9
Campylobacteriosis	2	3	10	19
Chlamydia infection	215	291	1,032	954
Cholera	0	0	0	0
Coccidioidomycosis	0	0	1	0
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	2	1	4	7
Cyclosporiasis	0	0	0	0
Dengue	0	0	0	0
<i>E. coli</i> , Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	1	0	2	6
Ehrlichiosis/ anaplasmosis	1	0	1	1
Giardiasis	3	3	12	8
Gonococcal infection	125	162	614	470
<i>Haemophilus influenzae</i> infection	0	0	0	5
Hantavirus infection	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	0	0	0
Hepatitis A	4	0	7	14
Hepatitis B - acute	1	1	9	4
Hepatitis B - chronic	7	8	23	46
Hepatitis B - perinatal (see Notes on page 3)	3	3	11	1
Hepatitis C- acute	0	0	1	2
Hepatitis C- chronic	41	41	157	183
Hepatitis C - perinatal infection	0	0	0	0
Hepatitis E	0	0	0	0
HIV/AIDS	3	6	18	20
Influenza - ODH Lab Results	0	0	0	2
Influenza-associated hospitalization	0	0	0	565
Influenza-associated pediatric mortality	0	0	0	1
LaCrosse virus disease	0	0	0	0
Legionellosis	2	2	6	7
Listeriosis	0	0	1	0
Lyme Disease	3	0	10	7
MIS-C associated with COVID-19	3	3	16	NR
Malaria	0	1	1	0
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	0	2	4	5
Meningitis-bacterial (Not <i>N. meningitidis</i>)	1	1	4	2

Communicable Disease Reports Received, April 2021

Reportable Condition	Apr 2021	Mar 2021	Year-to-Date 2021	Year-to-Date 2020
Meningococcal disease- <i>Neisseria meningitidis</i>	0	0	0	0
Mumps	0	0	0	0
Pertussis	0	1	3	2
Powassan virus disease	0	0	0	0
Psittacosis	0	0	0	0
Q Fever	0	0	0	0
Rubella	0	0	0	0
<i>Salmonella typhi</i>	0	0	0	1
Salmonellosis	2	2	11	8
Shigellosis	1	1	2	2
Spotted fever rickettsiosis, including RMSF	0	0	0	0
<i>Staphylococcal aureus</i> - intermediate resistance to vancomycin (VISA)	0	0	0	0
Streptococcal - Group A invasive	0	4	7	14
Streptococcal - Group B in newborn	0	0	1	2
Streptococcal toxic shock syndrome (STSS)	1	0	1	0
<i>Streptococcus pneumoniae</i> - invasive - unknown resistance	1	0	1	16
<i>Streptococcus pneumoniae</i> - invasive - resistant	0	1	1	5
Syphilis - all stages	25	26	89	28
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	2	0	2	2
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	3	0	4	4
Vibriosis (not cholera)	0	0	1	0
West Nile virus infection	0	0	0	0
Yersiniosis	3	3	7	3
Zika virus infection	0	0	0	0
Total	3,777	3,777	20,659	3,077

Notes:

- 1) 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. NR = not reported in previous year.
- 2) 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.
- 3) The number of perinatal hepatitis B cases reflect the number of infants born to hepatitis B positive mothers during the time period indicated. These infants will be followed by the Perinatal Hepatitis B Prevention Program (PHBPP) until serology indicates that the child has immunity.

For questions or comments about this report, please contact Joan Hall, MPH at (330) 926-5746 or the Communicable Disease Unit at (330) 375-2662. This report was issued on May 8, 2021.