



Communicable Disease Report Summit County July, 2021



1. Monthly Highlights/Observations:

Tuberculosis- No new suspected cases of TB were reported in July, and 15 contacts from previous cases continue to be investigated. SCPH CDU currently provides direct observed therapy (DOT) to 3 cases; 2 DOT cases were closed in July. 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 Communicable Disease Unit investigated 113 communicable disease cases: 1 case of anaplasmosis, 2 cases of babesiosis, 5 cases of CP-CRE, 27 cases of chronic hepatitis B, 1 case of Lacrosse virus disease, 6 cases of legionellosis, 21 cases of Lyme disease, 1 case of meningitis, 1 case of spotted fever rickettsiosis, 1 case of streptococcal toxic shock syndrome, 3 cases of streptococcal disease Group A, 2 cases of *Streptococcus pneumoniae* infection, 1 case of typhoid (ruled out), 8 cases of varicella infection, and 33 enteric cases (1 amebiasis, 8 campylobacteriosis, 1 cryptosporidiosis, 6 cyclosporiasis, 4 *E. coli* infections, 9 giardiasis, 1 salmonellosis, 2 shigellosis, and 1 yersiniosis) in July. **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: 16 COVID-19 outbreaks were reported to the CDU in July, occurring in long term care, workplace, correctional, and other congregate facilities. Four non-COVID-19 outbreaks were investigated in July, and were associated with child care, camp and work settings.

COVID-19: There were 582 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 19,585 COVID-19 cases were reported in Ohio in July. 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. Epicenter: Epicenter is an electronic surveillance system which provides instant notification of unusual symptomatic activity at local Emergency Departments. Three Epicenter alerts were issued during July for the following communicable disease symptoms: Nausea (2) and Cough (1). These alerts were investigated and were determined to not be of public concern.

4. Influenza Surveillance: Surveillance for the 2020-2021 influenza season began on October 4, 2020 and ended on May 8, 2021; the final report was issued on May 22. Data from the 2019-20 and 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 resumed on May 23, 2021 with the first report was issued on June 15, 2021. As of July 31, there were 22 tests for human West Nile virus (or arbovirus panels) ordered at Summit County hospitals, none of which were positive. As of August 5, environmental testing was completed on 813 mosquito pools collected in Summit County, three were positive for WNV. There were 474 Lyme disease tests ordered at Summit County hospitals from May 23 to July 31, with 99 confirmed positive results. Copies of the reports for 2021 and previous years may be accessed at: <https://www.scph.org/vector-surveillance-reports>

Communicable Disease Reports Received, July 2021

Reportable Condition	July 2021	June 2021	Year-to-Date 2021	Year-to-Date 2020
Amebiasis	2	0	2	0
Babesiosis	0	0	1	1
Botulism - infant	0	0	1	0
Botulism, food borne	0	0	0	0
Brucellosis	0	0	0	1
COVID-19	582	391	21,151	3356
CP-CRE	3	0	10	18
Campylobacteriosis	9	10	36	36
Chlamydia infection	211	248	1,745	1,732
Cholera	0	0	0	0
Coccidioidomycosis	0	1	2	0
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	1	2	8	8
Cyclosporiasis	6	1	7	3
Dengue	0	0	0	0
<i>E. coli</i> , Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	4	2	10	12
Ehrlichiosis/ anaplasmosis	2	0	2	1
Giardiasis	8	2	23	15
Gonococcal infection	141	151	1,062	949
<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	0	1	10	20
Hepatitis B - acute	0	0	8	8
Hepatitis B - chronic	7	10	47	68
Hepatitis B - perinatal (see Notes on page 3)	2	0	11	5
Hepatitis C- acute	0	0	2	3
Hepatitis C- chronic	51	56	289	281
Hepatitis C - perinatal infection	0	0	2	0
Hepatitis E	0	0	0	0
HIV/AIDS	2	3	30	30
Influenza - ODH Lab Results	0	0	0	6
Influenza-associated hospitalization	0	0	0	565
Influenza-associated pediatric mortality	0	0	0	1
LaCrosse virus disease	2	0	2	1
Legionellosis	6	3	16	14
Listeriosis	0	1	2	0
Lyme Disease	22	17	55	22
MIS-C associated with COVID-19	0	1	16	NR
Malaria	0	0	1	0
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	1	0	5	9
Meningitis-bacterial (Not <i>N. meningitidis</i>)	0	0	4	3

Communicable Disease Reports Received, July 2021

Reportable Condition	July 2021	June 2021	Year-to-Date 2021	Year-to-Date 2020
Meningococcal disease- <i>Neisseria meningitidis</i>	0	0	0	0
Mumps	0	0	0	1
Pertussis	0	2	5	2
Powassan virus disease	0	0	0	0
Psittacosis	0	0	0	0
Q Fever	0	1	1	0
Rubella	0	0	0	0
<i>Salmonella typhi</i>	0	0	0	1
Salmonellosis	1	6	25	39
Shigellosis	2	2	7	4
Spotted fever rickettsiosis, including RMSF	1	0	1	0
<i>Staphylococcal aureus</i> - intermediate resistance to vancomycin (VISA)	0	0	0	0
Streptococcal - Group A invasive	4	1	18	21
Streptococcal - Group B in newborn	0	0	1	3
Streptococcal toxic shock syndrome (STSS)	1	0	2	0
<i>Streptococcus pneumoniae</i> - invasive - unknown resistance	1	2	7	21
<i>Streptococcus pneumoniae</i> - invasive - resistant	1	2	4	5
Syphilis - all stages	27	10	141	52
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	0	1	4	8
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	0	0	6	4
Vibriosis (not cholera)	0	0	1	0
West Nile virus infection	0	0	0	0
Yersiniosis	1	0	8	7
Zika virus infection	0	0	0	0
Total	1,101	927	24,791	7,341

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 August 6, 2021.