



# Communicable Disease Report Summit County August, 2021



## Monthly Highlights/Observations:

**1. Tuberculosis-** Two new suspected cases of TB were reported in August, and 26 contacts from previous cases continue to be investigated. SCPH CDU currently provides direct observed therapy (DOT) to 5 cases; 2 DOT cases were initiated in August. 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 88 communicable disease cases: 1 case of coccidioidomycosis, 3 cases of CP-CRE, 1 case of *Haemophilus influenzae*, 11 cases of hepatitis B (2 acute, 9 chronic), 1 case of hepatitis C, 3 cases of Lacrosse virus disease, 8 cases of legionellosis, 15 cases of Lyme disease, 1 case of streptococcal disease Group A, 1 case of *Streptococcus pneumoniae* infection, 4 cases of varicella infection, and 38 enteric cases (1 amebiasis, 11 campylobacteriosis, 6 cryptosporidiosis, 4 cyclosporiasis, 1 *E. coli* infections, 5 giardiasis, 1 hepatitis A, 6 salmonellosis, 3 shigellosis, and 1 yersiniosis) in August. **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:** 18 COVID-19 outbreaks were reported to the CDU in August, occurring in long term care, day cares, workplaces, correctional, schools, sports teams and other congregate facilities. Five non-COVID-19 outbreaks were investigated in August, and were associated with child care and restaurant settings.

**COVID-19:** There were 3,082 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 103,769 COVID-19 cases were reported in Ohio in August. 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. Four Epicenter alerts were issued during August for the following communicable disease symptoms: Fever (2), Respiratory (1) and Diarrhea - not watery or bloody (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 August 28, there were 34 tests for human West Nile virus (or arbovirus panels) ordered at Summit County hospitals, none of which were positive. As of September, environmental testing was completed on 1,334 mosquito pooled samples collected in Summit County, 23 were positive for WNV. There were 608 Lyme disease tests ordered at Summit County hospitals from May 23 to August 28, with 124 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, August 2021

Reportable Condition	Aug 2021	July 2021	Year-to-Date 2021	Year-to-Date 2020
Amebiasis	0	2	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	<b>3,082</b>	580	<b>24,233</b>	4662
CP-CRE	1	3	11	24
Campylobacteriosis	9	9	45	44
Chlamydia infection	<b>271</b>	212	<b>2,017</b>	2,040
Cholera	0	0	0	0
Coccidioidomycosis	0	0	2	0
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	5	1	13	9
Cyclosporiasis	3	6	10	6
Dengue	0	0	0	0
<i>E. coli</i> , Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	1	4	11	15
Ehrlichiosis/ anaplasmosis	0	1	2	1
Giardiasis	5	8	28	20
Gonococcal infection	<b>135</b>	142	<b>1,198</b>	1147
<i>Haemophilus influenzae</i> infection	1	0	1	5
Hantavirus infection	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	0	0	0
Hepatitis A	0	0	11	21
Hepatitis B - acute	0	0	8	9
Hepatitis B - chronic	<b>18</b>	7	<b>65</b>	75
Hepatitis B - perinatal (see Notes on page 3)	0	2	11	7
Hepatitis C- acute	0	0	3	3
Hepatitis C- chronic	<b>43</b>	51	<b>332</b>	344
Hepatitis C - perinatal infection	0	0	2	0
Hepatitis E	0	0	0	0
HIV/AIDS	3	0	31	31
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	1	2	3	1
Legionellosis	7	6	23	20
Listeriosis	0	0	2	1
Lyme Disease	<b>13</b>	22	<b>68</b>	28
MIS-C associated with COVID-19	0	0	16	NR
Malaria	0	0	1	0
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	0	1	5	9
Meningitis-bacterial (Not <i>N. meningitidis</i> )	0	0	4	3

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Reportable Condition	Aug 2021	July 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	0	5	2
Powassan virus disease	0	0	0	0
Psittacosis	0	0	0	0
Q Fever	0	0	1	0
Rubella	0	0	0	0
<i>Salmonella typhi</i>	0	0	0	1
Salmonellosis	4	1	29	45
Shigellosis	2	2	9	4
Spotted fever rickettsiosis, including RMSF	0	1	1	0
<i>Staphylococcal aureus</i> - intermediate resistance to vancomycin (VISA)	0	0	0	0
Streptococcal - Group A invasive	0	4	18	23
Streptococcal - Group B in newborn	0	0	1	3
Streptococcal toxic shock syndrome (STSS)	0	1	2	0
<i>Streptococcus pneumoniae</i> - invasive - unknown resistance	1	1	8	22
<i>Streptococcus pneumoniae</i> - invasive - resistant	0	1	4	7
Syphilis - all stages	11	15	140	57
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	1	0	4	9
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	1	9	7
Zika virus infection	0	0	0	0
<b>Total</b>	<b>3,626</b>	<b>1,093</b>	<b>28,398</b>	<b>9,284</b>

**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 September 3, 2021.*