



# Communicable Disease Report

## Summit County

### September, 2021



#### Monthly Highlights/Observations:

**1. Tuberculosis-** Three new suspected cases of TB were reported in September, and 29 contacts from previous cases continue to be investigated. SCPH CDU currently provides direct observed therapy (DOT) to 7 cases; 2 DOT cases were initiated in September. 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 91 communicable disease cases: 6 cases of CP-CRE, 1 case of *Haemophilus influenzae*, 21 cases of hepatitis B (1 acute, 20 chronic), 1 case of influenza A, 1 case of listeriosis, 6 cases of Lyme disease, 1 case of malaria, 2 cases of pertussis, 1 case of Q fever, 5 cases of streptococcal disease Group A, 1 case of *Streptococcus pneumoniae* infection, 8 cases of varicella infection, 1 case of West Nile virus infection and 21 enteric cases (6 campylobacteriosis, 2 cryptosporidiosis, 5 *E. coli* infections, 3 giardiasis, 1 hepatitis A, and 5 salmonellosis) in September. **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:** 20 COVID-19 outbreaks were reported to the CDU in September, occurring in long term care, day cares, workplaces, schools, and sports teams. Five non-COVID-19 outbreaks were investigated in August, and were associated with child care and group home settings.

**COVID-19:** There were 5,696 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 187,672 COVID-19 cases were reported in Ohio in September. 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. Twelve Epicenter alerts were issued during September for the following communicable disease symptoms: Botulinic (3), Congestion (3), Vision (2), Cough (1), Ear, Nose & Throat (1), Respiratory (1) and Diarrhea - watery or bloody (1). These alerts were investigated and were determined to not be of public concern.

**4. Influenza Surveillance:** Surveillance for the 2021-2022 influenza season will begin on October 3, 2021; the first report will be issued on October 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> Archived weekly influenza reports for the 2020-21 season 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 October 2, there were 53 tests for human West Nile virus (or arbovirus panels) ordered at Summit County hospitals, none of which were positive. As of September 23, environmental testing was completed on 1,449 mosquito pooled samples collected in Summit County, 35 were positive for WNV. There were 736 Lyme disease tests ordered at Summit County hospitals from May 23 to August 28, with 145 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, September 2021

Reportable Condition	Sep 2021	Aug 2021	Year-to-Date 2021	Year-to-Date 2020
Amebiasis	0	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	5,696	3,079	29,925	5628
CP-CRE	6	0	16	31
Campylobacteriosis	5	9	50	53
Chlamydia infection	214	266	2,223	2,320
Cholera	0	0	0	1
Coccidioidomycosis	0	0	2	10
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	2	5	15	0
Cyclosporiasis	0	3	10	6
Dengue	0	0	0	0
<i>E. coli</i> , Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	3	1	14	16
Ehrlichiosis/ anaplasmosis	0	0	2	1
Giardiasis	3	5	31	22
Gonococcal infection	107	131	1,297	1355
<i>Haemophilus influenzae</i> infection	1	1	2	5
Hantavirus infection	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	0	0	0
Hepatitis A	1	0	12	23
Hepatitis B - acute	0	0	8	9
Hepatitis B - chronic	16	15	78	81
Hepatitis B - perinatal (see Notes on page 3)	0	0	10	8
Hepatitis C- acute	0	0	3	4
Hepatitis C- chronic	36	40	362	377
Hepatitis C - perinatal infection	0	0	2	1
Hepatitis E	0	0	0	0
HIV/AIDS	9	3	40	35
Influenza - ODH Lab Results	0	0	0	6
Influenza-associated hospitalization	0	0	0	566
Influenza-associated pediatric mortality	0	0	0	1
LaCrosse virus disease	0	0	2	2
Legionellosis	0	7	23	25
Listeriosis	1	0	3	1
Lyme Disease	6	12	73	33
MIS-C associated with COVID-19	0	0	16	NR
Malaria	1	0	2	0
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	0	0	5	11
Meningitis-bacterial (Not <i>N. meningitidis</i> )	0	0	4	3

## Communicable Disease Reports Received, September 2021

Reportable Condition	Sep 2021	Aug 2021	Year-to-Date 2021	Year-to-Date 2020
Meningococcal disease- <i>Neisseria meningitidis</i>	0	0	0	0
Mumps	0	0	0	1
Other arthropod-borne disease	0	1	1	0
Pertussis	1	0	6	4
Powassan virus disease	0	0	0	0
Psittacosis	0	0	0	0
Q Fever	1	0	2	0
Rubella	0	0	0	0
<i>Salmonella typhi</i>	0	0	0	1
Salmonellosis	5	4	34	49
Shigellosis	0	2	9	5
Spotted fever rickettsiosis, including RMSF	0	0	1	0
<i>Staphylococcal aureus</i> - intermediate resistance to vancomycin (VISA)	0	0	0	0
Streptococcal - Group A invasive	5	0	23	24
Streptococcal - Group B in newborn	0	0	1	4
Streptococcal toxic shock syndrome (STSS)	0	0	2	1
<i>Streptococcus pneumoniae</i> - invasive - unknown resistance	1	1	9	23
<i>Streptococcus pneumoniae</i> - invasive - resistant	0	0	4	7
Syphilis - all stages	18	11	158	77
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	3	1	7	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	1	0	1	0
Yersiniosis	0	1	9	8
Zika virus infection	0	0	0	0
<b>Total</b>	<b>6,142</b>	<b>3,598</b>	<b>34,508</b>	<b>10,853</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, IDCM 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 reporting period. 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 October 8, 2021.*