



# Monthly Communicable Disease Report Summit County April, 2022



## Monthly Highlights/Observations:

**1. Tuberculosis-** No new suspected cases of TB were reported in April, and 16 contacts from current and previous cases continue to be investigated. In addition, the CDU continued the tuberculosis screening process for up to 150 refugees, in collaboration with other agencies and healthcare providers. SCPH CDU currently provides direct observed therapy (DOT) to two cases; one DOT case was closed and none 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 Communicable Disease Unit investigated 94 communicable disease cases: 1 case of *Acinetobacter* - pan resistant, 1 case of botulism, 2 cases of *Haemophilus influenzae* infection, 4 cases of acute hepatitis B, 28 cases of chronic hepatitis B, 12 case of influenza associated hospitalization, 4 cases of Lyme disease, 2 case of streptococcal disease Group A invasive, 5 case of *Streptococcus pneumoniae*, 7 cases of varicella infection, and 28 enteric cases (10 campylobacteriosis, 3 *E. coli* infection, 4 giardiasis, 6 salmonellosis, 2 shigellosis, and 3 yersiniosis) in April. **Note:** *Since some reported cases end up being classified as "Not A Case" in ODRS or the case may have been previously reported, the investigation case totals may exceed the counts in the table.*

**2. Outbreaks:** 32 COVID-19 outbreaks were reported to the CDU in April, occurring in long term care, day care, and K-12 school settings. Two non-COVID-19 outbreaks were investigated in April, both were associated with long term care settings.

**COVID-19:** There were 1,433 confirmed or probable cases of COVID-19 reported in Summit County. A preliminary total of 26,621 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. Epicenter:** Epicenter is an electronic surveillance system which provides instant notification of unusual symptomatic activity at local Emergency Departments. Ten Epicenter alerts were issued during April for the following communicable disease symptoms: Congestion (2), Diarrhea - Watery / Bloody (2), Eyes (2), Diarrhea - Not Watery / Bloody (1), Botulinic (1), Nausea (1), and Vomiting (1). These alerts were investigated and were determined to be related to COVID-19 and / or seasonal illness activity.

**4. Influenza Surveillance:** Surveillance for the 2021-2022 influenza season began on October 3, 2021; the first report was issued on October 22. Influenza activity in April was classified as minimal: there were 650 positive flu tests (644 type A and 6 type B) and 44 influenza hospitalizations at reporting Summit County labs and hospitals. 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 for the 2021-22 season and previous seasons may be accessed here: <https://www.scph.org/flu-surveillance-reports>

**5. Vector-borne Surveillance:** Vector borne surveillance ended on October 23, 2021 and the final report was issued on October 29. Copies of the reports for 2021 and previous years may be accessed at: <https://www.scph.org/vector-surveillance-reports>

## Communicable Disease Reports Received, April 2022

Reportable Condition	Apr 2022	Mar 2022	Year-to-Date 2022	Year-to-Date 2021
Amebiasis	0	2	5	0
Babesiosis	0	0	0	1
Botulism - infant	0	0	0	1
Botulism, food borne	0	0	0	0
Brucellosis	0	0	0	0
COVID-19	1,433	501	21,884	18,577
CP-CRE	1	1	5	6
Campylobacteriosis	9	5	26	10
Chlamydia infection	283	252	1,007	1,032
Cholera	0	0	0	0
Coccidioidomycosis	0	1	1	1
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	0	3	7	4
Cyclosporiasis	0	0	0	0
Dengue	0	0	0	0
<i>E. coli</i> , Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	2	1	7	2
Ehrlichiosis/ anaplasmosis	0	0	0	1
Giardiasis	3	5	30	12
Gonococcal infection	106	100	494	614
<i>Haemophilus influenzae</i> infection	0	3	3	0
Hantavirus infection	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	0	0	0
Hepatitis A	0	0	2	7
Hepatitis B - acute	2	1	6	9
Hepatitis B - chronic	6	9	37	23
Hepatitis B - perinatal (see Notes on page 3)	2	0	3	11
Hepatitis C- acute	0	0	0	1
Hepatitis C- chronic	54	34	155	157
Hepatitis C - perinatal infection	1	0	2	0
Hepatitis E	0	0	0	0
HIV/AIDS	5	4	18	18
Influenza - ODH Lab Results	5	2	9	0
Influenza-associated hospitalization	18	3	26	0
Influenza-associated pediatric mortality	0	0	0	0
LaCrosse virus disease	0	0	0	0
Legionellosis	0	1	4	6
Listeriosis	0	0	1	1
Lyme Disease	3	2	9	10
MIS-C associated with COVID-19	0	1	8	16
Malaria	0	0	0	1
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	0	0	0	4
Meningitis-bacterial (Not <i>N. meningitidis</i> )	0	0	1	4

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Reportable Condition	Apr 2022	Mar 2022	Year-to-Date 2022	Year-to-Date 2021
Meningococcal disease- <i>Neisseria meningitidis</i>	0	0	0	0
Mumps	0	0	0	0
Other arthropod-borne disease	0	0	0	
Pertussis	0	1	3	3
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	1	0
Salmonellosis	5	0	8	11
Shigellosis	2	0	3	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	2	1	7	7
Streptococcal - Group B in newborn	0	0	2	1
Streptococcal toxic shock syndrome (STSS)	0	0	0	1
<i>Streptococcus pneumoniae</i> - invasive - unknown resistance	3	0	9	1
<i>Streptococcus pneumoniae</i> - invasive - resistant	1	0	3	1
Syphilis - all stages	16	22	86	89
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	0	2	3	2
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	2	2	5	4
Vibriosis (not cholera)	0	0	1	1
West Nile virus infection	0	0	0	0
Yersiniosis	3	0	4	7
Zika virus infection	0	0	0	0
<b>Total</b>	<b>1,971</b>	<b>962</b>	<b>23,885</b>	<b>20,659</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 May 6, 2022.*