



Monthly Communicable Disease Report Summit County April, 2023



Monthly Highlights/Observations:

1. Tuberculosis- 3 suspected cases of TB were reported in April and 3 contacts from current and previous cases continue to be investigated. In addition, the program remains open to continue 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 5 cases. 2 DOT cases were opened in April and none were closed. DOT clients receive daily to monthly visits via video calls depending on side effects and where the 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 111 communicable disease cases in April: 24 cases of Hepatitis - B Chronic, 9 cases of Salmonella, 8 cases of CP-CRE, 8 cases of CPO-Pseudomonas, 8 cases of Strep - Group A, 8 cases of Streptococcus pneumoniae, 7 cases of Varicella, 6 cases of Hepatitis - C Chronic, 5 cases of Campylobacter, 4 cases of Giardiasis, 3 cases of Legionella, 2 cases of Amebiasis, 2 cases of CPO-Acinetobacter, 2 cases of Measles, 2 cases of Pertussis, 2 cases of Shigellosis, and one case each of Brucellosis, C. auris, Cryptosporidiosis, Ehrlichiosis, Hepatitis A, Hepatitis C - Perinatal, Influenza-Associated Hospitalization, Listeriosis, Meningitis - Bacterial and Mpox. 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 vary compared to the counts in the table

2. Outbreaks: 8 new COVID-19 outbreaks were identified by the CDU in April, all occurring in long term care facilities. 2 non-COVID-19 outbreaks were investigated in April. 20 additional COVID-19 outbreaks remain open and investigation will continue until no new cases are reported.

COVID-19: There were 717 confirmed or probable cases of COVID-19 reported in Summit County 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. 10 Epicenter alerts were issued during April: Congestion (2), Diarrhea - watery/bloody (2), Eyes (2), Diarrhea - not watery/bloody (1), Botulinic (1), Nausea (1) and Vomiting (1)

4. Influenza Surveillance: Surveillance for the 2022-2023 concluded on May 6 2023, the final report will be released May 13, 2023. Data from previous influenza seasons are available in an influenza dashboard, which is located on the SCPH website: <https://www.scph.org/dashboards>

5. Vector-borne Surveillance: Vector borne surveillance concluded on October 23, 2022 and will resume on May 22, 2023. Copies of the reports for 2022 and previous years may be accessed at: <https://www.scph.org/vector-surveillance-reports>

Communicable Disease Reports Received, April 2023

Reportable Condition	April 2023	March 2023	Year-to-Date 2023	Year-to-Date 2022
Amebiasis	0	2	3	5
Babesiosis	0	0	0	0
Botulism - infant	0	0	0	0
Botulism, food borne	0	0	0	0
Brucellosis	1	1	2	0
C. auris	0	1	1	NR
COVID-19	717	1,460	5,730	21,884
CP-CRE	9	9	30	5
CP-CRE Investigation	1	0	1	NR
Campylobacteriosis	6	5	19	26
Chikungunya virus	0	0	0	0
Chlamydia infection	244	264	984	1,007
Cholera	0	0	0	0
Coccidioidomycosis	0	1	3	1
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	1	2	6	7
Cyclosporiasis	0	0	0	0
Dengue	0	0	0	0
<i>E. coli</i> , Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	0	0	3	7
Ehrlichiosis/ anaplasmosis	1	0	1	0
Giardiasis	4	7	20	30
Gonococcal infection	77	81	383	494
<i>Haemophilus influenzae</i> infection	0	3	4	3
Hantavirus infection	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	0	0	0
Hepatitis A	1	0	3	2
Hepatitis B - acute	1	1	2	6
Hepatitis B - chronic	7	12	35	37
Hepatitis B - perinatal (see Notes on page 3)	1	1	2	3
Hepatitis C- acute	0	0	0	0
Hepatitis C- chronic	34	40	136	155
Hepatitis C - perinatal infection	1	0	2	2
Hepatitis E	0	0	0	0
HIV/AIDS	1	5	9	18
Influenza - ODH Lab Results	1	1	7	9
Influenza-associated hospitalization	4	5	45	26
Influenza-associated pediatric mortality	0	0	0	0
LaCrosse virus disease	0	0	0	0
Legionellosis	3	1	6	4
Listeriosis	1	0	1	1
Lyme Disease	1	6	13	9
MIS-C associated with COVID-19	0	0	0	8
Malaria	0	0	1	0
MERS	0	0	0	0

Communicable Disease Reports Received, April 2023

Reportable Condition	April 2023	March 2023	Year-to-Date 2023	Year-to-Date 2022
Measles	1	0	1	0
Meningitis - aseptic/viral	0	0	1	0
Meningitis-bacterial (Not N. meningitidis)	0	2	2	1
Meningococcal disease- <i>Neisseria meningitidis</i>	0	0	0	0
Mpox (confirmed and probable)	0	0	0	NR
Mumps	0	0	0	0
Pertussis	2	0	4	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	0	1
Salmonellosis	9	3	18	8
Shigellosis	2	1	3	3
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	9	4	21	7
Streptococcal - Group B in newborn	0	0	1	2
Streptococcal toxic shock syndrome (STSS)	0	0	0	0
<i>Streptococcus pneumoniae</i> - invasive - unknown resistance	6	3	14	9
<i>Streptococcus pneumoniae</i> - invasive - resistant	2	0	5	3
Syphilis - all stages	25	28	117	86
Syphilis - Congenital	1	0	3	NR
Tetanus	1	0	1	NR
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	3	0	4	3
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	2	0	3	5
Vibriosis (not cholera)	0	1	1	1
West Nile virus infection	0	0	0	0
Yersiniosis	0	1	3	4
Zika virus infection	0	0	0	0
Total	1,180	1,951	7,654	23,885

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 the Communicable Disease Unit at (330) 375-2662. This report was issued on May 8, 2023.