



Monthly Communicable Disease Report Summit County January, 2022



Monthly Highlights/Observations:

1. Tuberculosis- One new suspected cases of TB was reported in January, and 30 contacts from current and previous cases continue to be investigated. In addition, the CDU has started 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 7 cases; one DOT cases was closed and one was opened in January 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 87 communicable disease cases: 1 case of babesiosis, 1 case of brucellosis, 2 cases of CP-CRE, 22 cases of hepatitis B (2 acute, 20 chronic), 2 cases of hepatitis C (1 acute, 2 chronic), 2 cases of legionellosis, 1 case of listeriosis, 3 cases of Lyme disease, 6 cases MIS-C, 3 cases of streptococcal disease Group A invasive, 2 cases streptococcal disease Group B in newborn, 7 cases of *Streptococcus pneumoniae*, 5 cases of varicella infection, and 30 enteric cases (1 amebiasis, 6 campylobacteriosis, 1 cryptosporidiosis, 4 *E. coli* infection, 10 giardiasis, 3 hepatitis A, 1 *Salmonella typhi* infection, 3 salmonellosis, and 1 vibriosis - not cholera) in January. **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: 50 COVID-19 outbreaks were reported to the CDU in January, occurring in long term care, day cares, workplaces, health care, correctional, and K-12 schools settings. Three non-COVID-19 outbreaks were investigated in January, and were associated school and long term care settings.

COVID-19: There were 18,421 confirmed or probable cases of COVID-19 reported in Summit County. A preliminary total of 498,772 COVID-19 cases were reported in Ohio in January. 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. Five Epicenter alerts were issued during January for the following communicable disease symptoms: Hypoxia (2), Eyes (2), and Diarrhea - Not Water/Bloody (1). These alerts were investigated and were determined to be related to COVID-19 and 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 January was low: there were 80 positive flu tests (73 type A and 7 type B) and 5 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, January 2022

Reportable Condition	Jan 2022	Dec 2021	Year-to-Date 2022	Year-to-Date 2021
Amebiasis	1	0	1	0
Babesiosis	1	0	1	0
Botulism - infant	0	0	0	0
Botulism, food borne	0	0	0	0
Brucellosis	0	0	0	0
COVID-19	18,421	21,119	18,421	8,372
CP-CRE	1	3	1	2
Campylobacteriosis	7	1	7	2
Chlamydia infection	228	233	228	275
Cholera	0	0	0	0
Coccidioidomycosis	0	0	0	1
Creutzfeld-Jakob Disease	0	0	0	0
Cryptosporidiosis	1	0	1	0
Cyclosporiasis	0	0	0	0
Dengue	0	0	0	0
<i>E. coli</i> , Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	4	2	4	1
Ehrlichiosis/ anaplasmosis	0	0	0	0
Giardiasis	5	8	5	3
Gonococcal infection	162	160	162	186
<i>Haemophilus influenzae</i> infection	0	1	0	0
Hantavirus infection	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	0	0	0
Hepatitis A	2	2	2	1
Hepatitis B - acute	2	0	2	3
Hepatitis B - chronic	11	21	11	2
Hepatitis B - perinatal (see Notes on page 3)	0	2	0	2
Hepatitis C- acute	0	0	0	0
Hepatitis C- chronic	29	34	29	39
Hepatitis C - perinatal infection	0	0	0	0
Hepatitis E	0	0	0	0
HIV/AIDS	3	2	3	5
Influenza - ODH Lab Results	1	9	1	0
Influenza-associated hospitalization	1	2	1	0
Influenza-associated pediatric mortality	0	0	0	0
LaCrosse virus disease	0	0	0	0
Legionellosis	2	2	2	1
Listeriosis	1	0	1	0
Lyme Disease	3	5	3	4
MIS-C associated with COVID-19	5	1	5	5
Malaria	0	0	0	0
MERS	0	0	0	0
Measles	0	0	0	0
Meningitis - aseptic/viral	0	0	0	2
Meningitis-bacterial (Not <i>N. meningitidis</i>)	0	0	0	0

Communicable Disease Reports Received, January 2022

Reportable Condition	Jan 2022	Dec 2021	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	0
Pertussis	0	0	0	2
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>	1	1	1	0
Salmonellosis	2	4	2	3
Shigellosis	0	2	0	0
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	2	2
Streptococcal - Group B in newborn	2	0	2	1
Streptococcal toxic shock syndrome (STSS)	0	0	0	0
<i>Streptococcus pneumoniae</i> - invasive - unknown resistance	5	4	5	0
<i>Streptococcus pneumoniae</i> - invasive - resistant	1	3	1	0
Syphilis - all stages	14	9	14	13
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	1	0	1	0
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	1	1	1	1
Vibriosis (not cholera)	1	0	1	0
West Nile virus infection	0	0	0	0
Yersiniosis	0	0	0	1
Zika virus infection	0	0	0	0
Total	18,922	21,644	18,921	8,929

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 February 4, 2022.