



Monthly Communicable Disease Report Summit County December, 2024



Communicable Disease Investigations (Minus Tuberculosis)

- 127 communicable disease investigations were completed.
 - Note: After an investigation has been completed, some reported cases are determined to not be a case. Therefore, the number of cases investigated may not equal the number of reportable conditions in the table below.
 - Disease investigations included: 17 cases of Hepatitis B - Chronic, 13 cases of Lyme, 10 cases of CPO enterobacter, 10 cases of C. auris - Colonization Screening, 9 cases of Pertussis, 8 cases of Strep Pneumo, 7 cases of Giardiasis, 7 cases of Campylobacter, 6 cases of CPO-Acinetobacter, 4 cases of Varicella, 4 cases of Strep- Group A, 4 cases of E. coli, 3 cases of Salmonella, 3 cases of Legionella, 3 cases of Haemophilus influenzae, 3 cases of CPO-Pseudomonas 2 cases of CPO-Acinetobacter Colonization Screening, 2 cases of C. auris, and 1 case each of the following: Streptococcal - Group B in newborn, Rubella- not congenital, Q fever, Mpox, Hepatitis C- acute, Hepatitis A, Group B Strep, Gonococcal infection, Cryptosporidiosis, Creutzfeldt-Jakob Disease, Coccidiomycosis and Amebiasis.

Tuberculosis

- No new confirmed cases of TB reported.
- 2 cases are being provided Direct Observed Therapy.
- 2 total TB cases currently being followed.
- Contact tracing of these new TB cases yielded 0 new contacts.

Outbreaks

- 10 new outbreaks were identified.
 - The cause of these outbreaks included: 3 Hand, Foot and Mouth, 4 GI - Suspect/Confirmed Norovirus, 1 Pneumonia, 1 RSV and 1 Influenza A.
 - The location type of outbreaks include: School, Long Term Care and Daycare.
 - 25 open COVID outbreaks continue to be investigated (7 new outbreaks reported in December).

Epicenter

- Epicenter is an electronic surveillance system which provides instant notification of unusual symptomatic activity at local emergency departments.
- 58 Epicenter alerts were issued this month
 - Reasons for these alerts included: Vomiting (8), Fever (7), Exacerbation (6), Respiratory (5), Constitutional (4), Diarrhea (4), Edema (3), Vision (3), Botulinic (2), Class A Rubella (2), Congestion (2), Cough (2), Ear, Nose, Throat (2), Headache (2), Nausea (2), Rash (2), Stiff Neck(2).

Influenza Surveillance

Surveillance for the 2024-2025 flu season has begun and the first report was issued at the end of October. Reports from previous influenza seasons are available on the SCPH website: <https://www.scph.org/flu-surveillance-reports>

Vector-borne Surveillance

Vector borne surveillance resumed for the season on May 19, 2024 the final report was issued at the end of October. Copies of the reports for 2024 and previous years may be accessed at: <https://www.scph.org/vector-surveillance-reports>

Communicable Disease Reports Received, December 2024

Reportable Condition	December 2024	November 2024	Year-to- Date 2024	Year-to- Date 2023
Amebiasis	1	2	24	14
Anaplasmosis-Anaplasma phagocytophilum	0	0	3	2
Babesiosis	0	0	2	2
Botulism - infant	0	0	1	0
Botulism, food borne	0	0	0	0
Brucellosis	0	0	1	2
C. auris	1	1	23	9
C. auris - Colonization Screening	8	5	65	23
Campylobacteriosis	7	5	96	104
Chikungunya virus	0	0	1	0
Chlamydia infection	170	172	2,595	2,831
Cholera	0	0	0	0
Coccidioidomycosis	1	0	4	6
COVID-19	998	387	9,175	13,993
CPO	11	8	101	120
CPO - Colonization Screening	1	2	18	36
Creutzfeld-Jakob Disease	0	0	0	2
Cryptosporidiosis	1	2	22	16
Cyclosporiasis	0	0	2	3
Dengue	0	0	0	2
Diphtheria	0	0	0	0
E. coli, Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	4	4	38	19
Ehrlichiosis-Ehrlichia chaffeensis	0	0	1	3
Giardiasis	7	6	115	108
Gonococcal infection	67	73	1,046	1,069
Haemophilus influenzae (invasive disease)	3	2	18	10
Hantavirus infection	0	0	0	0
Hemolytic uremic syndrome (HUS)	0	1	1	0
Hepatitis A	0	1	3	12
Hepatitis B - Perinatal Infection	2	1	5	7
Hepatitis B (including delta) - acute	0	2	6	7
Hepatitis B (including delta) - chronic	3	8	82	115
Hepatitis C - acute	1	0	7	0
Hepatitis C - chronic	20	30	272	330
Hepatitis C - Perinatal Infection	0	0	5	2
Hepatitis E	0	0	0	1
HIV/AIDS	7	2	61	40
Influenza - ODH Lab Results	7	4	54	35
Influenza-associated hospitalization	22	8	345	129
Influenza-associated pediatric mortality	0	0	0	0
LaCrosse virus disease	0	0	0	0
Legionellosis	2	3	62	37
Listeriosis	0	0	1	1

Communicable Disease Reports Received, December 2024

Reportable Condition	December 2024	November 2024	Year-to- Date 2024	Year-to- Date 2023
Lyme Disease	9	11	159	170
MIS-C associated with COVID-19	0	0	0	0
Malaria	0	0	2	7
MERS	0	0	0	0
Measles	0	0	0	1
Meningitis - aseptic/viral	0	2	7	7
Meningitis - bacterial (Not <i>N. meningitidis</i>)	0	2	4	2
Meningococcal disease- <i>Neisseria meningitidis</i> (call health department immediately)	0	0	1	0
Mpox	0	0	6	0
Mumps	0	0	0	0
Pertussis	8	2	25	8
Powassan virus disease	0	0	0	0
Psittacosis	0	0	0	0
Q fever, acute	0	0	3	0
Rubella	0	0	0	0
Salmonella Paratyphi infection	0	0	0	1
Salmonella typhi	0	0	0	0
Salmonellosis	2	9	94	66
Shigellosis	0	3	18	12
Spotted fever rickettsiosis, including RMSF	0	0	0	2
Staphylococcal aureus - intermediate resistance to vancomycin (VISA)	0	0	0	0
Streptococcal - Group A -invasive	4	1	23	51
Streptococcal - Group B - in newborn	2	0	3	2
Streptococcal toxic shock syndrome (STSS)	0	0	0	0
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant	5	3	35	31
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	3	0	17	14
Syphilis - all stages	25	18	303	308
Syphilis - Congenital	0	0	4	3
Tetanus	0	0	0	1
Toxic Shock Syndrome (TSS)	0	0	0	0
Trichinellosis	0	0	0	0
Tuberculosis	0	1	5	15
Tularemia	0	0	0	0
Typhoid fever	0	0	0	0
Varicella	1	2	19	6
Vibriosis (not cholera)	0	1	7	6
West Nile virus disease (also current infection)	0	0	1	1
Yersiniosis	0	0	9	5
Zika virus infection	0	0	0	0
Total	1,403	784	15,000	19,809

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 until serology indicates that the child has immunity. "

****Epicenter figures should not be compared to previous year's reports.****

For questions or comments about this report, please contact the Communicable Disease Unit at (330) 375-2662. This report was issued on January 3, 2025.