

# REPORTABLE DISEASE UPDATE

## 4th Quarter 2020 - 2024 · Issued February 3, 2025

The Reportable Disease Update has been developed to communicate infectious disease data and information to our community healthcare partners. This update will be distributed quarterly to identify communicable disease trends and communicate any emerging diseases that may impact our community.

### IMPORTANT 4<sup>TH</sup> QUARTER INFORMATION

**HPAI:** Highly Pathogenic Avian Influenza (HPAI) A(H5N1) has been identified across dairy and poultry farms throughout Michigan, including a recent backyard poultry detection in Oakland County. Since 2024, there have been two human cases detected in Michigan. Both cases were farm workers with exposure to infected animals.

Consider Influenza A(H5N1) virus infection in persons showing signs or symptoms of conjunctivitis and/or respiratory illness who have relevant exposure history. Considering it is respiratory illness season; symptoms may mimic other illnesses so thorough exposure history evaluation is critical. See pertinent clinical guidance [here](#).

Please contact our office at 248-858-1286 prior to sending any samples to the MDHHS Bureau of Laboratories (BOL). If you have any questions, please contact OCHD-CD unit – Monday through Friday, 8 a.m. to 5 p.m., at (248) 858-1286; and after hours or on holidays at 248-858-0931.

**Pertussis:** Whooping cough is an endemic (common) disease in the United States. There are peaks in reported cases of whooping cough every few years. There's been a sharp increase in cases observed throughout the nation since 2024 compared to previous years. This includes Oakland County as we investigated 128 cases in 2024 compared to 16 cases in 2023.

Although common, pertussis can be undiagnosed early on due to the similarities of other respiratory illnesses in its initial clinical presentation. Symptoms within the first week include a mild cough often with a runny nose and may include a low-grade fever. As it progresses, symptoms may include paroxysms or "violent coughing fits", vomiting during or after paroxysms, a high pitched "whoop" sound when inhaling after coughing, fatigue, pneumonia, sleep disturbance, apnea, and cyanosis (bluish color of the skin, lips, and nail beds caused by lack of oxygen). Illness severity often depends on age, history of Tdap or DTaP vaccines, and medical conditions such as asthma and immunocompromising conditions.

Please keep pertussis in mind as a differential diagnosis for those experiencing respiratory illness. Recommended lab tests include a culture or PCR as serology is not recommended for diagnosis. A nasopharyngeal swab done with a Dacron or polyester swab placed in dry transport is the recommended collection method. For testing, treatment, and post exposure prophylaxis recommendations, clinicians can view the Michigan Department of Health and Human Services (MDHHS) Pertussis Investigation Guidelines [here](#).

### OCHD HELPFUL INFORMATION

#### MDHHS Avian Influenza

<https://www.michigan.gov/mdard/animals/diseases/avian/avian-influenza>

#### OCHD Respiratory Health Dashboard

<https://www.oakgov.com/community/health/news-info/data#respiratory>

#### 2025 Michigan Reportable Disease List

<https://www.michigan.gov/mdhhs/-/media/Project/Websites/mdhhs/CDINFO/2025-MDHHS-Reportable-Diseases-in-Michigan-by-Condition-Color-Final.pdf>

#### Managing Communicable Disease in Schools (2024-2025)

[https://www.michigan.gov/mdhhs/-/media/Project/Websites/mdhhs/Folder2/Folder88/Folder1/Folder188/Managing\\_CD\\_in\\_Schools\\_FINAL.pdf?rev=c5604879e6a7410ea8e21b039bd-1beec&hash=32BBF6597EFA9348084F6F91A95DC4E9](https://www.michigan.gov/mdhhs/-/media/Project/Websites/mdhhs/Folder2/Folder88/Folder1/Folder188/Managing_CD_in_Schools_FINAL.pdf?rev=c5604879e6a7410ea8e21b039bd-1beec&hash=32BBF6597EFA9348084F6F91A95DC4E9)

OCHD After Hours line: 248-858-0931

OCHD Communicable  
Disease (CD) Unit  
249.858.1286



# Oakland County 4th Quarter Reportable Disease Update 2020 - 2024

| Enteric Disease                                | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
|--|---------|---------|---------|---------|---------|
| Campylobacter                                  | 21      | 33      | 37      | 32      | 42      |
| Cryptosporidiosis                              | 1       | 2       | 3       | 11      | 9       |
| Giardiasis                                     | 7       | 6       | 9       | 15      | 8       |
| Salmonellosis                                  | 30      | 13      | 16      | 31      | 12      |
| Shiga toxin Producing E. coli (STEC)           | 5       | 4       | 12      | 5       | 3       |
| Shigellosis                                    | 1       | 5       | 8       | 14      | 11      |
| Hepatitis                                      | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
| Hepatitis A                                    | 0       | 1       | 2       | 1       | 2       |
| Hepatitis B Acute                              | 0       | 0       | 0       | 3       | 3       |
| Hepatitis B Chronic                            | 32      | 15      | 21      | 38      | 24      |
| Hepatitis C Acute                              | 0       | 0       | 0       | 0       | 7       |
| Hepatitis C Chronic                            | 103     | 100     | 73      | 62      | 65      |
| Vaccine Preventable Diseases                   | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
| Chickenpox (Varicella)                         | 10      | 3       | 7       | 11      | 8       |
| Hib  | 1       | 2       | 4       | 7       | 7       |
| Measles  | 0       | 0       | 0       | 0       | 0       |
| Mumps  | 0       | 0       | 0       | 0       | 0       |
| Pertussis                                      | 3       | 5       | 4       | 6       | 68      |
| STI  | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
| Chlamydia                                      | 1,046   | 980     | 958     | 946     | 752     |
| Gonorrhea                                      | 562     | 331     | 337     | 353     | 304     |
| Syphilis - Primary                             | 4       | 9       | 9       | 11      | 1       |
| Meningitis & Invasive Diseases                 | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
| Meningitis - Aseptic                           | 5       | 4       | 10      | 6       | 7       |
| Meningitis - bacterial other                   | 4       | 7       | 6       | 5       | 7       |
| Meningitis - Meningococcal Disease             | 0       | 0       | 0       | 0       | 1       |
| Meningitis - Streptococcus pneumoniae invasive | 4       | 16      | 19      | 25      | 12      |
| Vector Borne Disease                           | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
| Lyme Disease                                   | 2       | 9       | 8       | 12      | 15      |
| West Nile Virus                                | 0       | 1       | 0       | 0       | 0       |
| Animals  | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
| Rabies Animals                                 | 0       | 0       | 3       | 1       | 1       |
| Rabies: Potential Exposure and PEP             | 23      | 9       | 39      | 31      | 28      |
| Other  | Q2 2020 | Q2 2021 | Q2 2022 | Q2 2023 | Q2 2024 |
| Novel Coronavirus COVID-19                     | 47,688  | 80,213  | 23,545  | 11,799  | 3,831   |
| Legionellosis                                  | 8       | 7       | 8       | 7       | 9       |
| Streptococcus pneumoniae - Drug Resistant      | 0       | 2       | 0       | 0       | 0       |
| Streptococcus Disease, Invasive, Group A       | 1       | 2       | 8       | 21      | 6       |
| CP-CRE   | 13      | 5       | 31      | 15      | 13      |
| C. Auris                                       | 0       | 0       | 11      | 18      | 23      |

Fourth Quarter = October-December and includes Confirmed, Probable, Suspect and Unknown cases. This includes cases marked Active, Completed, Completed Follow-Up, New and Review.

NURSE ON CALL PUBLIC HEALTH INFORMATION

800.848.5533 NOC@OAKGOV.COM

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@PUBLICHEALTHOC

The Oakland County Health Division will not deny participation in its programs based on race, sex, religion, national origin, age or disability. State and federal eligibility requirements apply for certain programs.

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