

Barry-Eaton County
Monthly Summary of Reportable Diseases
May 2024

The data in the Monthly Disease Reports are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local public health departments. The MDSS is a dynamic, continually active system; total and year to date (YTD) disease counts are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. Each Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Reports are not final and should be used only to generally monitor Barry-Eaton District trends over time. Unknown, suspect, probable, and confirmed cases of the reportable condition are included in the report. An updated report is published each month. Specific data requests and questions should be directed to the following:

Aurelia Hocquard, Epidemiologist

ahocquard@bedhd.org



Barry-Eaton District
Health Department

| Disease | YTD Cases** | | | Total Cases in 2023 |
|---|-------------|-------------|---|------------------------|
| | 2023 | 2024 | | |
| Foodborne | | | | |
| Campylobacter | 13 | 8 | ↘ | 38 |
| Cryptosporidiosis | 4 | 2 | ↘ | 9 |
| Giardiasis | 6 | 3 | ↘ | 11 |
| Norovirus | 10 | 28 | ↗ | 10 |
| Salmonellosis | 15 | 13 | ↘ | 41 |
| Shiga toxin-producing Escherichia coli --(STEC) * | 3 | 2 | ↘ | 10 |
| Shigellosis | 2 | 4 | ↗ | 3 |
| Yersinia enteritis | 4 | 2 | ↘ | 8 |
| Foodborne Subtotal | 57 | 62 | ↗ | 130 |
| Foodborne | | | | |
| Flu Like Disease* | 2272 | 4316 | ↗ | 4687 |
| Influenza | 134 | 410 | ↗ | 161 |
| Influenza Subtotal | 2406 | 4726 | ↗ | 4848 |
| COVID19/MIS | | | | |
| Novel Coronavirus COVID-19 | 2898 | 1601 | ↘ | 6935 |
| COVID19/MIS Subtotal | 2898 | 1601 | ↘ | 6935 |
| Meningitis | | | | |
| Meningitis - Bacterial Other | 3 | - | ↘ | 3 |
| Streptococcus pneumoniae, Inv | 16 | 8 | ↘ | 26 |
| Meningitis Subtotal | 19 | 8 | ↘ | 29 |
| Other | | | | |
| Blastomycosis | - | - | | 3 |
| Candida auris | 1 | - | ↘ | 3 |
| Coccidioidomycosis | 1 | 1 | | 2 |
| Histoplasmosis | 13 | 5 | ↘ | 22 |
| Legionellosis | 1 | 3 | ↗ | 5 |
| Psittacosis | - | 1 | ↗ | - |
| Streptococcal Dis, Inv, Grp A | 13 | 10 | ↘ | 19 |
| Vibriosis-non Cholera * | 3 | - | ↘ | 4 |
| Other Subtotal | 32 | 20 | ↘ | 58 |
| Rabies | | | | |
| Rabies Animal | - | - | | 2 |
| Rabies: Potential Exposure & PEP * | 19 | 21 | ↗ | 101 |
| Rabies Subtotal | 19 | 21 | ↗ | 103 |

* Indicates includes historic and current forms in MDSS

** Data for cases reported by month is based on the week the case was referred to the health department

↘ YTD cases in 2024 are less than YTD cases in 2023 as of report date

↗ YTD cases in 2024 are greater than YTD cases in 2023 as of report date

Data as of 6/5/2024

| Sexually Transmitted Disease | | | | |
|---|-------------|-------------|---|-------------|
| Chlamydia (Genital) | 186 | 146 | ↘ | 410 |
| Gonorrhea | 61 | 42 | ↘ | 144 |
| Syphilis - Unknown Duration or Late | 5 | 3 | ↘ | 12 |
| Syphilis - To Be Determined | 273 | 210 | ↘ | 683 |
| Syphilis - Primary, Secondary, Early Latent | 7 | 1 | ↘ | 26 |
| STD Subtotal | 532 | 402 | ↘ | 1275 |
| Tuberculosis | | | | |
| Latent Tuberculosis Infection | 14 | 12 | ↘ | 24 |
| Nontuberculous Mycobacterium | 3 | 5 | ↗ | 15 |
| Tuberculosis | - | 1 | ↗ | 1 |
| Tuberculosis Subtotal | 17 | 18 | ↗ | 40 |
| Vaccine Preventable Disease | | | | |
| Chickenpox (Varicella) | 6 | 1 | ↘ | 7 |
| H. influenzae Disease - Inv. | 1 | 2 | ↗ | 1 |
| Pertussis | - | 8 | ↗ | 3 |
| Shingles | 9 | 15 | ↗ | 20 |
| VZ Infection, Unspecified | 1 | 1 | | 3 |
| VPD Subtotal | 17 | 27 | ↗ | 34 |
| Vectorborne | | | | |
| Lyme Disease | 14 | 14 | | 77 |
| Malaria | 1 | - | ↘ | 1 |
| Vectorborne Subtotal | 15 | 14 | ↘ | 78 |
| Viral Hepatitis | | | | |
| Hepatitis A | - | 1 | ↗ | 1 |
| Hepatitis B, Chronic | 4 | 6 | ↗ | 12 |
| Hepatitis C, Acute | - | 1 | ↗ | - |
| Hepatitis C, Chronic | 9 | 29 | ↗ | 39 |
| Viral Hepatitis Subtotal | 13 | 37 | ↗ | 52 |
| Total (excludes COVID-19/MIS cases) | 3127 | 5335 | ↗ | 6647 |

* Indicates includes historic and current forms in MDSS

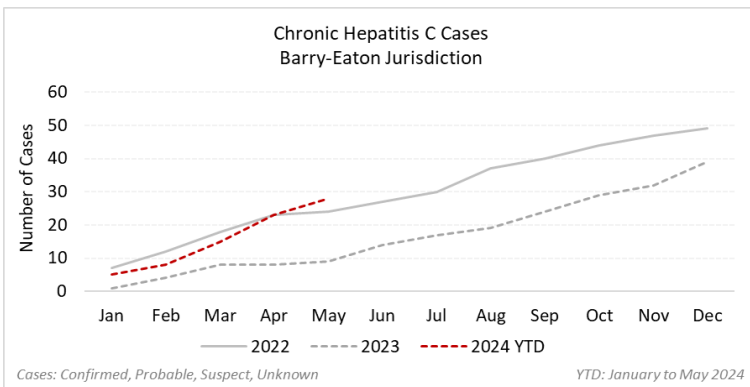
** Data for cases reported by month is based on the week the case was referred to the health department

↘ YTD cases in 2024 are less than YTD cases in 2023 as of report date

↗ YTD cases in 2024 are greater than YTD cases in 2023 as of report date

Data as of 6/5/2024

Disease Surveillance



While total chronic Hepatitis C cases have shown a year-over-year decline since 2020, data for 2024 (January to May) indicates an increasing trend. The number of reported cases in this period has already surpassed the figures observed during the same timeframe in both 2022 and 2023.