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Reports of Communicable Disease to Winnebago County Public Health – 4th Quarter Update

Data obtained from the Wisconsin Public Health Analysis, Visualization and Reporting Portal (PHAVR). This report is based on episode date and is provided as PROVISIONAL information for health care professionals and may not represent final counts of cases. This report may also be found on our [website](#).

| Disease Group | 2024 | | | | | | | | | | | | 12 Month Total |
|--|------------|------------|------------|------------|-----------|-----------|------------|-----------|------------|------------|-----------|------------|----------------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| Arboviral Diseases | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 |
| Babesiosis | - | - | - | - | - | - | 2 | - | - | - | - | - | 2 |
| Campylobacteriosis | 1 | 5 | 2 | 6 | 3 | 6 | 3 | 1 | 5 | - | 1 | 1 | 34 |
| Chlamydia | 49 | 51 | 35 | 57 | 37 | 45 | 34 | 37 | 50 | 56 | 38 | 30 | 519 |
| Coccidioidomycosis | - | 1 | - | - | - | - | 1 | - | - | 1 | - | - | 3 |
| Cryptosporidiosis | 1 | 1 | - | - | 1 | - | 2 | 2 | 1 | 1 | - | - | 9 |
| Cyclosporiasis | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 |
| Ehrlichiosis / Anaplasmosis | - | - | - | - | - | 1 | 2 | - | - | - | 1 | - | 4 |
| Giardiasis | - | 2 | - | 3 | 1 | 1 | 3 | 1 | 4 | 1 | - | 3 | 19 |
| Gonorrhea | 4 | 7 | 2 | 8 | 8 | 9 | 10 | 11 | 9 | 7 | 7 | 2 | 84 |
| Haemophilus Influenzae | - | - | - | - | 1 | 1 | 1 | - | - | - | - | 1 | 4 |
| Hepatitis A | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 |
| Hepatitis B | 2 | 1 | 1 | 1 | 1 | 2 | - | 1 | - | 3 | - | 1 | 13 |
| Hepatitis C | 2 | 2 | 1 | 6 | 1 | 3 | 1 | 1 | - | - | 1 | 4 | 22 |
| Influenza hospitalizations | 44 | 109 | 92 | 25 | 5 | 1 | 2 | 1 | 1 | 2 | 6 | 62 | 350 |
| Invasive Strep A | - | 1 | 2 | 1 | - | - | - | - | - | - | - | 1 | 5 |
| Invasive Strep B | - | 2 | 1 | 2 | - | 2 | 1 | 5 | - | 2 | 2 | 5 | 22 |
| Legionellosis | - | 1 | - | 1 | 1 | - | - | - | - | - | - | 1 | 4 |
| Listeriosis | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 |
| Lyme Disease | - | 1 | 2 | - | 3 | 3 | 3 | - | 1 | 4 | 2 | - | 19 |
| Meningitis | - | - | - | - | - | - | 2 | - | - | 1 | - | - | 3 |
| Mycobacterial Disease, Non-TB | 4 | 9 | 3 | 5 | 5 | 3 | 8 | 5 | 4 | 2 | 2 | 3 | 53 |
| Orthopoxvirus | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 |
| Pathogenic E. coli | - | 5 | 3 | 4 | - | 5 | 7 | 3 | 1 | 1 | 2 | 1 | 32 |
| Pertussis | - | - | - | - | - | 2 | 7 | 10 | 15 | 15 | 14 | 8 | 71 |
| RSV hospitalizations | 25 | 27 | 18 | 10 | - | - | 1 | - | - | 1 | 1 | 11 | 94 |
| Salmonellosis | 4 | 4 | 1 | 3 | - | 3 | 2 | 2 | 1 | 3 | 2 | - | 25 |
| Shigellosis | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 |
| Strep, Other Invasive | 2 | 1 | - | - | - | - | - | - | - | - | 2 | - | 5 |
| Strep Pneumoniae Invasive | - | - | 1 | 2 | - | - | - | 1 | 2 | 3 | 2 | 1 | 12 |
| Syphilis | 2 | 3 | 1 | - | 2 | 1 | 1 | 3 | 4 | 4 | 2 | - | 23 |
| Toxoplasmosis | - | - | - | - | - | 1 | - | - | - | 1 | - | - | 2 |
| Tuberculosis | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 |
| Latent Tuberculosis (LTBI)† | 3 | 5 | 10 | 7 | 6 | 5 | 8 | 3 | 5 | 8 | 6 | 1 | 67 |
| Vancomycin-resistant Enterococci (VRE) | 1 | - | - | 1 | - | - | - | - | 1 | - | - | - | 3 |
| Varicella (Chickenpox) | - | - | - | - | 1 | 2 | - | 1 | 1 | - | 1 | - | 6 |
| Yersiniosis | 1 | - | - | 2 | 1 | 1 | - | - | 1 | - | - | 1 | 7 |
| Total | 145 | 238 | 175 | 145 | 77 | 98 | 101 | 91 | 107 | 117 | 92 | 137 | 1523 |

Run Date 1/9/2025

This data does not include the [City of Menasha](#) or [City of Appleton](#).

- : A dash (-) represents 0 confirmed + probable cases for that disease.

†: The LTBI cases reported on this report represent only cases that were marked as confirmed and probable in WEDSS. Many LTBI cases from recent years are currently marked as suspect in WEDSS as staff are working to follow up with all cases. In the past 12 months, there were 40 LTBI cases listed as suspect in WEDSS.

Incidence of Communicable Disease in Winnebago County Public Health Jurisdiction and Wisconsin

Data obtained from the Wisconsin Public Health Analysis, Visualization and Reporting Portal (PHAVR). This report is based on episode date, is provided as PROVISIONAL information for health care professionals, and may not represent final counts of cases.

Inc†† refers to Incidence, which is the number of cases per 100,000 population. Incidence = # of cases/population * 100,000.

Winnebago County Public Health (WCPH) Jurisdiction population 2020 = 154,010; Wisconsin population 2020 = 5,806,975

| Episode Year | 2024 (Full Year) | | | 2023 (Full Year) | | | 2022 (Full Year) | | |
|---|------------------|--------------|----------------|------------------|--------------|----------------|------------------|--------------|----------------|
| | WCPH # of Cases | WCPH Inc†† | WI Inc†† | WCPH # of Cases | WCPH Inc†† | WI Inc†† | WCPH # of Cases | WCPH Inc†† | WI Inc†† |
| Arboviral Disease | 1 | 0.6 | 1.7 | - | - | 0.9 | - | - | 0.5 |
| Babesiosis | 2 | 1.3 | 2.4 | - | - | 2.1 | 1 | 0.6 | 1.6 |
| Campylobacteriosis | 34 | 22.1 | 27.3 | 36 | 23.4 | 27.5 | 30 | 19.5 | 23.2 |
| Carbapenemase producing organisms | - | - | 3.3 | 2 | 1.3 | 3.1 | - | - | 2.6 |
| Chlamydia | 519 | 337.0 | 395.9 | 513 | 333.1 | 427.0 | 583 | 378.5 | 439.1 |
| Coccidioidomycosis | 3 | 1.9 | 0.9 | - | - | 0.3 | - | - | 0.4 |
| Cryptosporidiosis | 9 | 5.8 | 10.6 | 9 | 5.8 | 9.4 | 13 | 8.4 | 9.4 |
| Cyclosporiasis | 1 | 0.6 | 1.1 | 5 | 3.2 | 1.2 | 2 | 1.3 | 1.1 |
| Ehrlichiosis / Anaplasmosis | 4 | 2.6 | 14.2 | 8 | 5.2 | 12.7 | 3 | 1.9 | 9.9 |
| Giardiasis | 19 | 12.3 | 10.7 | 13 | 8.4 | 8.9 | 14 | 9.1 | 7.3 |
| Gonorrhea | 84 | 54.5 | 117.0 | 62 | 40.3 | 118.9 | 146 | 94.8 | 148.5 |
| Haemophilus Influenzae | 4 | 2.6 | 2.4 | 2 | 1.3 | 2.3 | 6 | 3.9 | 1.9 |
| Hepatitis A | 1 | 0.6 | 0.6 | - | - | 0.4 | - | - | 0.4 |
| Hepatitis B | 13 | 8.4 | 5.9 | 11 | 7.1 | 6.5 | 5 | 3.2 | 7.2 |
| Hepatitis C | 22 | 14.3 | 21.1 | 22 | 14.3 | 24.7 | 28 | 18.2 | 28.8 |
| Influenza hospitalizations | 350 | 227.3 | 303.4 | 94 | 61.0 | 111.1 | 454 | 294.8 | 291.3 |
| Invasive Strep A | 5 | 3.2 | 7.0 | 4 | 2.6 | 9.2 | 5 | 3.2 | 4.0 |
| Invasive Strep B | 22 | 14.3 | 10.6 | 18 | 11.7 | 11.1 | 22 | 14.3 | 10.2 |
| Legionellosis | 4 | 2.6 | 3.6 | 1 | 0.6 | 3.7 | 7 | 4.5 | 4.0 |
| Listeriosis | 1 | 0.6 | 0.5 | - | - | 0.4 | - | - | 0.4 |
| Lyme Disease | 19 | 12.3 | 79.3 | 67 | 43.5 | 107.6 | 91 | 59.1 | 100.9 |
| Malaria | - | - | 0.3 | 1 | 0.6 | 0.3 | - | - | 0.4 |
| Bacterial Meningitis | 3 | 1.9 | 1.0 | - | - | 1.2 | - | - | 0.7 |
| Mycobacterial (Non-TB) | 53 | 34.4 | 28.5 | 38 | 24.7 | 22.5 | 30 | 19.5 | 17.9 |
| Orthopoxvirus | 1 | 0.6 | 0.1 | - | - | 0.1 | 1 | 0.6 | 1.5 |
| Pathogenic E.coli | 32 | 20.8 | 49.0 | 74 | 48.0 | 49.5 | 63 | 40.9 | 39.0 |
| Pertussis | 71 | 46.1 | 50.9 | 1 | 0.6 | 0.9 | - | - | 0.4 |
| RSV hospitalizations | 94 | 61.0 | 75.5 | 33 | 21.4 | 38.5 | - | - | 0.0 |
| Salmonellosis | 25 | 16.2 | 19.1 | 18 | 11.7 | 17.7 | 30 | 19.5 | 17.8 |
| Shigellosis | 1 | 0.6 | 1.5 | 1 | 0.6 | 1.4 | 1 | 0.6 | 1.9 |
| Strep, Other Invasive | 5 | 3.2 | 0.8 | 1 | 0.6 | 0.3 | 1 | 0.6 | 0.4 |
| Strep Pneumoniae Invasive | 12 | 7.8 | 9.7 | 10 | 6.5 | 8.9 | 11 | 7.1 | 7.4 |
| Syphilis | 23 | 14.9 | 23.1 | 33 | 21.4 | 31.0 | 23 | 14.9 | 38.5 |
| Toxic Shock Syndrome | - | - | 0.1 | 1 | 0.6 | 0.3 | - | - | 0.1 |
| Toxoplasmosis | 2 | 1.3 | 2.3 | - | - | 1.3 | - | - | 1.4 |
| Transmissible Spongiform Encephalopathy (TSE) | - | - | 0.3 | 1 | 0.6 | 0.2 | 1 | 0.6 | 0.2 |
| Tuberculosis (TB) | 1 | 0.6 | 1.2 | 1 | 0.6 | 1.2 | 1 | 0.6 | 1.1 |
| Latent Tuberculosis (LTBI)† | 67 | 43.5 | 25.1 | 69 | 44.8 | 26.8 | 18 | 11.7 | 19.1 |
| VRSA/VISA | - | - | 0.0 | 1 | 0.6 | 0.1 | - | - | 0.0 |
| Vancomycin-resistant Enterococci (VRE) | 3 | 1.9 | 0.7 | 3 | 1.9 | 1.0 | - | - | 0.8 |
| Varicella | 6 | 3.9 | 4.0 | 5 | 3.2 | 3.2 | 4 | 2.6 | 2.8 |
| Vibriosis | - | - | 0.8 | 1 | 0.6 | 0.8 | 1 | 0.6 | 0.8 |
| Yersiniosis | 7 | 4.5 | 4.3 | 9 | 5.8 | 3.2 | 5 | 3.2 | 2.4 |
| Total | 1,523 | 705.1 | 1,318.9 | 1,168 | 758.4 | 1,100.2 | 1,600 | 791.5 | 1,248.0 |

Run Date 1/9/2025

- : A dash (-) represents 0 confirmed + probable cases for that disease.

†: The LTBI cases reported on this report represent only LTBI cases that were marked as confirmed and probable in WEDSS. Winnebago County Public Health had 21 LTBI cases listed as suspect in WEDSS for 2022, 28 cases for 2023, and 40 cases for 2024.

4th Quarter 2024 Communicable Disease Notes and Updates

Pertussis

As of December 31, 2024, Wisconsin has 2,419 confirmed cases statewide. Seventy-one counties have had at least one case since January 1, 2024. While cases range in age from 1 month to 90 years, about half (49%) of the cases are in adolescents aged 11–18 years. Ninety-seven infants have been identified with pertussis and 13 have been hospitalized. No deaths have been reported. The most recent weekly pertussis case count data can be found on the [DHS website](#). Please note the data are preliminary and subject to change.

Norovirus

- Norovirus season is upon us. We are seeing a greater than usual number of outbreaks for the norovirus season. [Norovirus](#) is the number one cause of vomiting and diarrhea. It is very contagious and spreads easily. Most people will recover within 1 to 3 days but some groups particularly young children, older adults, and people with other illnesses are more at risk of becoming severely dehydrated.
- Norovirus activity is high (41.4%) per [WSLH Laboratory Surveillance Report](#) on 1/6/25.
- Remember that high-risk staff (food-handler, health care workers or daycare workers/attendees) with symptoms consistent with Norovirus should not return to work until 48 hours symptom-free to prevent transmission to others.

Respiratory Virus Surveillance

- **Seasonal/Environmental Updates:**
 - WI Influenza page: <https://www.dhs.wisconsin.gov/influenza/index.htm>
 - WI Respiratory Illness Data: <https://www.dhs.wisconsin.gov/disease/respiratory-data.htm>
 - WI wastewater surveillance: <https://www.dhs.wisconsin.gov/covid-19/wastewater.htm>
 - CDC Influenza Page: <http://www.cdc.gov/flu/>
 - CDC Respiratory Illness Data: <https://www.cdc.gov/respiratory-viruses/data/>
 - National wastewater surveillance: <https://www.cdc.gov/nwss/index.html>
- **Influenza A, RSV, and SARS-CoV-2** are the predominant viruses associated with acute respiratory infections currently in Wisconsin and rates are increasing (as of 1/9/25).
- **Influenza A (H5N1):** The first U.S. death due to influenza A (H5N1) was reported in January 2025. There have been 66 confirmed and 7 probable cases (total = 73) detected in 12 states in 2024. Cases have been linked to dairy cattle (41), poultry (28), other animal (1), and unknown (3). The current public health risk is reported to be low.
- Please remind patients to get the flu vaccine and wash their hands to reduce the spread of influenza. For more resources go to - <https://www.dhs.wisconsin.gov/influenza/prevention.htm>
- Antiviral treatment is recommended as soon as possible for any patient with suspected or confirmed influenza who:
 - is hospitalized
 - has severe, complicated, or progressive illness
 - is at higher risk for influenza complications.
- Decisions about starting antivirals for patients with suspected influenza should not wait for laboratory confirmation.