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Reports of Communicable Disease to Winnebago County Public Health – 1st 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	2023										2024			12 Month Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Campylobacteriosis	3	3	3	8	7	2	2	4	1	1	4	1	39	
Carbapenemase producing organisms	1	0	0	0	0	0	0	0	1	0	0	0	2	
Chlamydia	55	42	33	41	46	30	54	48	57	50	51	24	531	
Coccidioidomycosis	0	0	0	0	0	0	0	0	0	0	1	0	1	
Cryptosporidiosis	2	1	3	1	0	1	1	0	0	1	1	0	11	
Cyclosporiasis	0	1	0	3	0	0	1	0	0	0	0	0	5	
Ehrlichiosis / Anaplasmosis	0	0	3	2	1	0	1	0	1	0	0	0	8	
Giardiasis	0	2	0	1	1	1	1	1	2	0	2	0	11	
Gonorrhea	1	4	5	5	8	6	4	4	7	4	7	2	57	
Haemophilus Influenzae	0	0	0	0	0	0	1	0	1	0	0	0	2	
Hepatitis B	0	1	0	4	2	0	1	1	0	2	1	1	13	
Hepatitis C	1	3	2	0	4	2	2	1	1	2	2	1	21	
Influenza hospitalizations	10	1	0	0	0	0	0	2	34	44	109	88	288	
Invasive Strep A	0	0	0	1	0	0	0	0	0	0	1	1	3	
Invasive Strep B	3	3	0	1	1	2	1	0	2	0	2	1	16	
Legionellosis	0	0	0	0	1	0	0	0	0	0	1	0	2	
Lyme Disease	4	3	10	20	19	3	2	1	0	0	1	1	64	
Malaria	0	0	0	1	0	0	0	0	0	0	0	0	1	
Mycobacterial Disease, Non-TB	5	4	2	1	1	6	4	5	1	4	9	1	43	
Pathogenic E.coli	3	5	9	10	11	7	13	8	2	0	5	2	75	
Pertussis	0	0	0	0	0	0	1	0	0	0	0	0	1	
RSV hospitalizations	0	0	0	0	0	0	0	3	35	29	27	19	113	
Salmonellosis	1	1	1	5	4	0	0	2	2	4	4	1	25	
Shigellosis	0	0	0	1	0	0	0	0	0	0	0	0	1	
Strep, Other Invasive	0	0	1	0	0	0	0	0	0	2	1	0	4	
Strep Pneumoniae Invasive	1	0	0	0	0	0	1	3	1	0	0	1	7	
Syphilis	3	6	3	2	3	0	4	2	1	1	2	0	27	
Toxic Shock Syndrome	1	0	0	0	0	0	0	0	0	0	0	0	1	
Transmissible Spongiform Encephalopathy (TSE, Human)	0	0	1	0	0	0	0	0	0	0	0	0	1	
Tuberculosis	0	0	0	0	0	0	0	0	0	0	1	0	1	
Latent Tuberculosis (LTBI)†	2	7	8	6	9	3	5	8	4	3	2	3	60	
Vancomycin-resistant Enterococci (VRE)	0	0	1	0	0	0	0	1	0	1	0	0	3	
Varicella (Chickenpox)	1	0	0	0	0	2	0	0	0	0	0	0	3	
Vibriosis	0	0	0	0	0	0	0	0	1	0	0	0	1	
VRSA/VISA	0	1	0	0	0	0	0	0	0	0	0	0	1	
Yersiniosis	0	1	1	2	1	1	1	0	1	1	0	0	9	
Total	97	89	86	115	119	66	100	94	155	149	234	147	1,451	

Run Date 4/1/2024

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 39 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 (First Quarter)			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 ⁺⁺
Babesiosis	-	-	0.0	-	-	2.1	1	0.6	1.6
Blastomycosis	-	-	0.4	-	-	2.2	1	0.6	2.5
Campylobacteriosis	6	3.9	4.3	36	23.4	27.6	30	19.5	23.2
Carbapenemase producing organisms	-	-	0.4	2	1.3	3.0	-	-	2.5
Chlamydia	125	81.2	97.2	520	337.6	428.7	585	379.8	441.0
Coccidioidomycosis	1	0.6	0.1	-	-	0.2	-	-	0.4
Cryptosporidiosis	2	1.3	1.0	9	5.8	9.1	13	8.4	9.4
Cyclosporiasis	-	-	0.0	5	3.2	1.2	2	1.3	1.1
Ehrlichiosis / Anaplasmosis	-	-	0.1	8	5.2	12.6	3	1.9	9.9
Giardiasis	2	1.3	1.3	12	7.8	8.6	14	9.1	7.3
Gonorrhea	13	8.4	29.5	62	40.3	120.4	146	94.8	150.1
Haemophilus Influenzae	-	-	0.6	2	1.3	2.2	6	3.9	1.9
Hepatitis B	4	2.6	1.8	13	8.4	6.5	5	3.2	7.2
Hepatitis C	5	3.2	4.3	22	14.3	25.1	28	18.2	29.0
Hepatitis D	-	-	0.0	-	-	0.1	1	0.6	0.1
Histoplasmosis	-	-	0.2	-	-	0.5	2	1.3	0.7
Influenza hospitalizations	241	156.5	206.6	94	61.0	111.1	454	294.8	291.4
Invasive Strep A	2	1.3	1.9	4	2.6	9.3	5	3.2	4.0
Invasive Strep B	3	1.9	2.2	18	11.7	11.1	22	14.3	10.2
Legionellosis	1	0.6	0.3	1	0.6	3.7	7	4.5	4.0
Lyme Disease	2	1.3	6.5	67	43.5	107.3	92	59.7	100.9
Malaria	-	-	0.1	1	0.6	0.3	-	-	0.4
Mycobacterial (Non-TB)	14	9.1	5.3	38	24.7	22.4	30	19.5	18.0
Parapertussis	-	-	0.1	-	-	1.2	1	0.6	0.7
Pathogenic E.coli	7	4.5	6.3	75	48.7	49.6	63	40.9	39.0
Pertussis	-	-	0.4	1	0.6	0.9	-	-	0.3
Rheumatic Fever	-	-	0.0	-	-	0.1	1	0.6	0.0
RSV hospitalizations	75	48.7	51.5	38	24.7	39.9		0.0	0.0
Salmonellosis	9	5.8	3.2	18	11.7	17.6	30	19.5	17.8
Shigellosis	-	-	0.3	1	0.6	1.4	1	0.6	1.9
Strep, Other Invasive	3	1.9	0.3	1	0.6	0.3	1	0.6	0.4
Strep Pneumoniae Invasive	1	0.6	3.1	10	6.5	8.9	11	7.1	7.4
Syphilis	3	1.9	5.1	33	21.4	31.0	23	14.9	38.5
Toxic Shock Syndrome	-	-	0.0	1	0.6	0.3	-	-	0.1
Transmissible Spongiform Encephalopathy (TSE)	-	-	0.1	1	0.6	0.2	1	0.6	0.2
Tuberculosis (TB)	1	0.6	0.2	-	-	1.1	1	0.6	1.1
Latent Tuberculosis (LTBI) [†]	8	5.2	3.5	66	42.9	25.0	17	11.0	18.9
Tularemia	-	-	0.0	-	-	0.0	1	0.6	0.1
Vibriosis	-	-	0.3	1	0.6	0.7	1	0.6	0.8
Vancomycin-resistant Enterococci (VRE)	1	0.6	0.2	2	1.3	1.0	-	-	0.8
VRSA/VISA	-	-	0.0	1	0.6	0.1	-	-	0.0
Varicella	-	-	0.9	5	3.2	3.2	4	2.6	2.8
Yersiniosis	1	0.6	0.8	9	5.8	3.2	5	3.2	2.4
Total	530	344.1	440.2	1,177	764.2	1,101.2	1,608	1,044.1	1,250.1

Run Date 4/1/2024

- : 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 22 LTBI cases listed as suspect in WEDSS for 2022, 30 cases for 2023, and 18 cases for 2024.

1st Quarter 2024 Communicable Disease Notes and Updates

- **Measles**

- When screening suspected cases of measles, please use [this screening tool](#) created by Winnebago County Public Health. Call us at 920-232-3000 for Winnebago County Jurisdiction patients.
- The American Academy of Pediatrics identifies clinical features of measles and how to minimize spread in this short [5 minute webinar / slides](#).
- If you suspect measles in a patient: Isolate - Test - Report – Vaccinate Learn more from DHS here:
 - <https://www.dhs.wisconsin.gov/publications/p02416.pdf>
 - <https://www.dhs.wisconsin.gov/publications/p00892.pdf>
- Ensure Children in the United States and Those Traveling Internationally 6 Months and Older are Current on MMR Vaccination: <https://emergency.cdc.gov/han/2024/han00504.asp>

- **HIV**

- WI DHS created this resource to help providers understand the HIV testing algorithm: <https://www.dhs.wisconsin.gov/publications/p01835.pdf>
- HIV Testing algorithm: https://www.cdc.gov/hiv/pdf/guidelines_testing_recommendedlabtestingalgorithm.pdf
- HIV in Wisconsin Integrated Epidemiology Profile, 2016-2020 is available here: <https://www.dhs.wisconsin.gov/publications/p01294-2016-2020.pdf>
- HIV reports can now be filled out and submitted electronically: <https://www.dhs.wisconsin.gov/forms/f4/f44338.pdf>
- Reporting Requirements: <https://www.dhs.wisconsin.gov/publications/p0/p00541.pdf>
- For more information on HIV, visit: <https://www.dhs.wisconsin.gov/hiv/index.htm>

- **Multidrug-Resistant Organisms (MDROs)**

- Wisconsin is seeing increasing activity of reportable MDROs. Notable increases include *C. auris* cases, which more than tripled from 2022 (5 cases) to 2023 (21 cases). *C. auris* cases were identified in the Northeastern region of WI in late 2023, which is an area that had previously little to no *C. auris* activity detected.
- Recommendations for health care providers can be found here: <https://content.govdelivery.com/accounts/WIDHS/bulletins/3885e06>
- Recommendations for Assisted Living Facilities can be found here: <https://www.dhs.wisconsin.gov/publications/p03250.pdf>

- **Invasive Cronobacter Infection**

- Starting May 1, 2024, all cases of invasive *Cronobacter* infections among Wisconsin infants (less than 12 months old) are reportable to DHS.
- This change will bring *Cronobacter* reportability in alignment with its status as a nationally notifiable disease.
More information can be found here: <https://www.dhs.wisconsin.gov/publications/p03250.pdf>