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Reports of Communicable Disease to Winnebago County Public Health – 3rd 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](#).

	2022			2023									12 Month
Disease Group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Campylobacteriosis	5	2	2	1	1	-	3	3	3	5	6	1	32
Carbapenem-Resistant Enterobacteriaceae	-	-	-	-	-	-	1	-	-	-	-	-	1
Chlamydia	48	57	32	41	32	41	55	42	33	41	46	28	496
Cryptosporidiosis	2	-	-	-	-	-	2	1	3	1	-	1	10
Cyclosporiasis	-	-	-	-	-	-	-	1	-	3	-	-	4
Ehrlichiosis / Anaplasmosis	-	1	-	-	-	-	-	-	3	2	2	-	8
Free-Living Ameba	-	-	-	-	-	-	-	-	-	1	-	-	1
Giardiasis	1	1	-	-	1	2	-	2	-	1	1	1	10
Gonorrhea	10	7	6	7	7	4	1	4	5	5	8	5	69
Haemophilus Influenzae	1	2	-	-	-	-	-	-	-	-	-	-	3
Hepatitis B	1	1	-	1	1	2	-	1	-	4	2	-	13
Hepatitis C	1	-	3	1	1	4	1	3	2	-	2	2	20
Influenza	4	20	199	38	3	6	10	1	-	-	-	-	281
Invasive Strep A	-	1	1	1	1	1	-	-	-	1	-	-	6
Invasive Strep B	1	-	-	3	1	1	3	3	-	1	1	2	16
Legionellosis	-	1	-	-	-	-	-	-	-	-	-	-	1
Lyme Disease	2	5	1	1	1	3	4	3	10	19	19	2	70
Malaria	-	-	-	-	-	-	-	-	-	1	-	-	1
Mycobacterial Disease, Non-TB	8	2	1	4	2	3	5	4	2	1	1	2	35
Pathogenic E.coli	5	5	2	1	2	3	3	2	3	5	4	3	38
Rheumatic Fever	-	-	1	-	-	-	-	-	-	-	-	-	1
Salmonellosis	4	2	-	-	1	1	1	1	1	5	4	-	20
Shigellosis	1	-	-	-	-	-	-	-	-	2	-	-	3
Strep, Other Invasive	-	-	-	-	-	-	-	-	1	-	-	-	1
Strep Pneumoniae Invasive	-	-	3	3	-	1	1	-	-	-	-	-	8
Syphilis	1	-	2	4	4	1	3	6	3	2	3	-	29
Toxic Shock Syndrome	-	-	-	-	-	-	1	-	-	-	-	-	1
Transmissible Spongiform Encephalopathy (TSE, Human)	-	-	-	-	-	-	-	-	1	-	-	-	1
Latent Tuberculosis (LTBI)†	1	-	2	2	5	6	2	5	8	4	7	3	45
Vancomycin-resistant Enterococci (VRE)	-	-	-	-	-	-	-	-	1	-	-	-	1
Varicella (Chickenpox)	1	-	1	-	1	1	1	-	-	-	-	2	7
VRSA/VISA	-	-	-	-	-	-	-	1	-	-	-	-	1
Yersiniosis	1	-	2	-	1	-	-	1	1	2	1	1	10
Total	98	107	258	108	65	80	97	84	80	106	107	53	1,243

Run Date 10/9/2023

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 2020 to present are currently marked as suspect in WEDSS as staff are working to follow up with all cases. In the past 12 months, there were 37 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	2023 (YTD)			2022 (Full Year)			2021 (Full Year)		
	WCPH # of Cases	WCPH Inc++	WI Inc++	WCPH # of Cases	WCPH Inc++	WI Inc++	WCPH # of Cases	WCPH Inc++	WI Inc++
Babesiosis	-	-	1.7	1	0.6	1.6	1	0.6	1.7
Blastomycosis	-	-	1.7	1	0.6	2.5	2	1.3	1.9
Campylobacteriosis	23	14.9	19.3	30	19.5	23.2	33	21.4	23.2
Carbapenem-Resistant Enterobacteriaceae	1	0.6	2.3	-	-	2.5	4	2.6	2.6
Chlamydia	359	233.1	321.9	584	379.2	441.0	651	422.7	478.3
Cryptosporidiosis	8	5.2	7.3	13	8.4	9.4	12	7.8	10.7
Cyclosporiasis	4	2.6	1.1	2	1.3	1.1	4	2.6	1.7
Ehrlichiosis / Anaplasmosis	7	4.5	10.7	3	1.9	9.9	10	6.5	14.4
Giardiasis	8	5.2	5.8	13	8.4	7.3	9	5.8	9.7
Gonorrhea	46	29.9	89.3	146	94.8	150.1	187	121.4	179.7
Haemophilus Influenzae	-	-	1.4	6	3.9	1.9	2	1.3	1.4
Hepatitis A	-	-	0.4	-	-	0.5	1	0.6	0.4
Hepatitis B	11	7.1	4.8	5	3.2	7.2	15	9.7	6.0
Hepatitis C	16	10.4	18.6	28	18.2	29.1	43	27.9	35.0
Hepatitis D	-	-	0.1	1	0.6	0.1	-	-	0.1
Histoplasmosis	-	-	0.7	2	1.3	0.6	-	-	0.5
Influenza	58	37.7	29.9	454	294.8	291.4	61	39.6	61.0
Invasive Strep A	4	2.6	7.7	5	3.2	3.9	5	3.2	1.9
Invasive Strep B	15	9.7	8.0	22	14.3	10.2	6	3.9	11.6
Legionellosis	-	-	2.6	7	4.5	4.0	2	1.3	3.9
Lyme Disease	62	40.3	78.4	92	59.7	96.8	13	8.4	37.9
Malaria	1	0.6	0.2	-	-	0.4	1	0.6	0.3
Bacterial Meningitis	-	-	0.9	-	-	0.7	2	1.3	1.1
Mycobacterial (Non-TB)	24	15.6	13.6	30	19.5	17.9	38	24.7	21.9
Mpox	-	-	0.1	1	0.6	1.5	-	-	-
Parapertussis	-	-	1.1	1	0.6	0.7	-	-	0.4
Pathogenic E.coli	26	16.9	31.7	63	40.9	39.0	62	40.3	31.3
Rheumatic Fever	-	-	0.1	1	0.6	-	-	-	-
Salmonellosis	14	9.1	13.3	30	19.5	17.8	25	16.2	15.5
Shigellosis	2	1.3	0.9	1	0.6	1.9	-	-	0.9
Strep, Other Invasive	1	0.6	0.2	1	0.6	0.4	-	-	1.1
Strep Pneumoniae Invasive	5	3.2	5.4	11	7.1	7.4	6	3.9	5.1
Syphilis	26	16.9	22.9	23	14.9	38.5	14	9.1	31.7
Toxic Shock Syndrome	1	0.6	0.3	-	-	0.1	-	-	0.1
Transmissible Spongiform Encephalopathy (TSE)	1	0.6	0.1	-	-	0.1	-	-	0.2
Tuberculosis (TB)	-	-	0.7	1	0.6	1.1	1	0.6	1.3
Latent Tuberculosis (LTBI)†	42	27.3	14.8	15	9.7	18.3	19	12.3	17.9
Tularemia	-	-	0.1	1	0.6	0.1	-	-	0.1
VRSA/VISA	1	0.6	0.1	-	-	-	-	-	-
Varicella	5	3.2	2.5	4	2.6	2.8	4	2.6	2.8
Vibriosis	-	-	0.7	1	0.6	0.8	-	-	0.6
Yersiniosis	7	4.5	2.3	5	3.2	2.4	2	1.3	1.6
Total	778	505.2	725.9	1,604	1,041.5	1,246.5	1,235	801.9	1,017.4

Run Date 10/9/2023

- : 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 33 LTBI cases listed as suspect in WEDSS for 2021, 23 cases for 2022, and 29 cases for 2023.

3rd Quarter 2023 Communicable Disease Notes and Updates

Influenza

- The annual influenza letter with the summary of the [2023–2024 ACIP recommendations](#), signed by Dr. James Conway, Dr. Jonathan Temte, and Dr. Ryan Westergaard, is now available.

Measles

- The Wisconsin Department of Health Services (DHS) received report of a [confirmed case of measles](#) in a resident of southeast Wisconsin.
- Measles is a Category I Reportable Disease (DHS 145.04). Health care providers must *immediately* report by telephone the suspected or confirmed case to the [local health department](#) (LHD) in which the patient resides.
- Symptoms of measles include fever, runny nose, cough, red/watery eyes, sore throat, and tiredness. These symptoms are followed by a rash that spreads over the body. More details about measles can be found on the [DHS website](#).

Respiratory syncytial virus (RSV)

- RSV vaccines are available to protect older adults (aged 60+) from severe RSV.
- Pregnant patients can receive an RSV vaccine during weeks 32-36 of pregnancy (if during RSV season).
- Monoclonal antibody products are available to protect infants and young children from severe RSV.
- Full recommendations can be found [here](#).

Current Drug Shortages Affecting Treatment of Syphilis and Gonorrhea

- A recent shortage of penicillin G benzathine could cause a disruption in treatment for those who have active syphilis or are contacts to known syphilis cases. Treatment with oral doxycycline for patients with early syphilis who are not pregnant and are likely to tolerate oral therapy, while prioritizing penicillin for pregnant people, may be necessary.
- Gentamicin is an alternative gonococcal treatment recommended for patients with known or self-reported allergy to cephalosporins. If gentamicin is not available due to reported shortages, the CDC (Centers for Disease Control and Prevention) recommends treatment with a single dose of 2 grams of azithromycin.
- Full recommendations can be found [here](#).

Rising Congenital Syphilis Cases: Test for Syphilis During Pregnancy

- The Wisconsin Department of Health Services (DHS) has issued [DPH Numbered Memo BCD 2023-06. Surveillance data](#) from 2022 shows a rise in congenital syphilis cases in Wisconsin. This memo provides updated guidance for syphilis testing, reporting, and treatment during pregnancy in Wisconsin.
- All pregnant patients should be screened for syphilis **at least three times** during pregnancy.

COVID

- Stay up to date with COVID levels in our community by following the latest Wisconsin [data](#).
- **Wastewater data** serves as an early warning of increasing COVID-19 activity in communities. It informs the public of current COVID-19 levels in their community so that they can take steps to avoid COVID-19, particularly at times of high transmission, and it alerts health care providers about increasing COVID-19 levels so they can prepare for expected surges.