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Prevent. Promote. Protect.  
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## Reports of Communicable Disease in Winnebago County – Second Quarter Update

Data obtained from the Wisconsin Public Health Analysis, Visualization and Reporting Portal. 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	2021						2022						12 Month
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Babesiosis	1	0	0	0	0	0	0	0	0	0	0	0	1
Blastomycosis	0	0	0	0	0	0	0	1	0	0	0	0	1
Campylobacteriosis	5	6	2	4	1	3	0	0	2	4	1	2	30
Carbapenem-Resistant Enterobacteriaceae	0	0	0	0	1	1	0	0	0	0	0	0	2
Chlamydia	49	48	53	46	45	48	34	52	48	57	58	59	597
Cryptosporidiosis	3	3	2	2	1	1	1	0	3	1	2	0	19
Cyclosporiasis	0	0	0	0	0	0	0	0	0	0	0	1	1
Ehrlichiosis / Anaplasmosis	0	0	0	1	1	0	0	0	0	0	0	0	2
Giardiasis	1	0	3	0	1	1	1	0	0	1	2	0	10
Gonorrhea	10	7	15	15	15	11	6	12	16	18	20	12	157
Haemophilus Influenzae Invasive Disease	0	0	0	0	1	0	1	0	0	0	0	0	2
Hepatitis A	0	0	1	0	0	0	0	0	0	0	0	0	1
Hepatitis B	1	1	2	2	0	1	1	1	1	0	1	0	11
Hepatitis C	3	2	5	2	2	3	2	3	4	2	4	1	33
Hepatitis D	0	0	0	0	0	0	0	0	0	0	1	0	1
Histoplasmosis	0	0	0	0	0	0	0	1	0	0	0	0	1
Influenza	0	0	0	0	1	4	3	3	5	6	0	1	23
Invasive Streptococcal Disease (Groups A And B)	0	1	1	3	0	1	0	4	3	2	3	5	23
Legionellosis	0	1	0	0	0	0	0	1	1	0	0	1	4
Lyme Disease	2	5	1	1	0	0	3	2	2	0	3	3	22
Malaria	0	0	0	0	1	0	0	0	0	0	0	0	1
Meningitis, Other Bacterial	0	0	0	0	1	1	0	0	0	0	0	0	2
Mycobacterial Disease, Non TB	1	6	1	1	4	5	3	2	4	2	1	1	31
Parapertussis	0	0	0	0	0	0	0	0	0	1	0	0	1
Pathogenic E.coli	14	11	5	8	8	7	1	0	0	0	3	0	57
Salmonellosis	1	4	5	5	2	1	2	0	0	2	4	2	28
Streptococcal Infection, Other Invasive	0	0	0	0	0	0	0	0	0	0	0	1	1
Streptococcus Pneumoniae Invasive Disease	1	0	0	1	1	1	1	2	2	1	1	0	11
Syphilis	0	4	0	1	0	1	3	2	1	1	3	2	18
Toxoplasmosis	0	1	1	0	0	0	0	0	0	0	0	0	2
Tuberculosis	0	0	0	0	0	0	0	1	0	0	0	0	1
Tuberculosis, Class A or B	0	1	0	0	0	0	0	0	0	0	0	1	2
Tuberculosis, Latent Infection (LTBI)†	5	0	0	2	4	0	0	0	4	0	0	1	16
Varicella (Chickenpox)	0	1	0	0	0	0	0	0	0	0	0	0	1
Vibriosis, Non Cholera	0	0	0	0	0	0	1	0	0	0	0	0	1
Yersiniosis	0	0	0	0	0	1	0	0	0	0	1	0	2
<b>Total</b>	<b>97</b>	<b>102</b>	<b>97</b>	<b>94</b>	<b>90</b>	<b>91</b>	<b>63</b>	<b>87</b>	<b>96</b>	<b>98</b>	<b>108</b>	<b>93</b>	<b>1,116</b>

Run Date 7/18/22

This data does not include the City of Menasha.

†: 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 64 LTBI cases listed as suspect in WEDSS.

## Communicable Disease Notes and Updates - Second Quarter 2022

### Monkeypox: ([DHS Monkeypox](#), [CDC FAQ'S](#))

- Health care providers should suspect monkeypox in any patient who presents with the characteristic monkeypox rash (well-circumscribed, hard or firm, deep-seated lesions that may umbilicate or become confluent and progress over time to scabs), regardless of the patient's travel or social history, gender, sexual orientation, or the presence of risk factors for monkeypox virus infection.
- A patient with suspected or confirmed monkeypox infection should be placed in a single-person room with a dedicated bathroom; special air handling is not required. PPE including gown, gloves, eye protection, and a N95 (or equivalent) or higher respirator should be used when caring for or collecting specimens from patients with confirmed or suspected monkeypox. Patients who do not require hospitalization for medical indications may be isolated at home using protective measures.
- DHS testing guidance - <https://www.dhs.wisconsin.gov/publications/p03279.pdf>
- Health Alert #47: Expanded Monkeypox Testing Capacity- <https://content.govdelivery.com/accounts/WIDHS/bulletins/322ba09>
- **Monkeypox is reportable in Wisconsin as a Category I Condition. Clinicians must report suspected and confirmed monkeypox cases IMMEDIATELY by telephone to the patient's local health department.**

### LTBI vs TB: ([DHS Risk Assessment and Symptom Review](#))

	Latent TB Infection (LTBI)	Active Tuberculosis (TB) Disease
<b>Bacterial Load</b>	Small amount of TB bacteria in body that are alive, but inactive.	Large amount of active TB bacteria in their body.
<b>Infectiousness</b>	Cannot spread TB bacteria to others and does not require respiratory isolation.	TB bacteria can spread to others and may require respiratory isolation.
<b>Symptoms</b>	Person does not feel sick, but may become sick if the bacteria become active in their body.	May feel sick and may have symptoms such as a cough, fever and/or weight loss.
<b>(IGRA) or tuberculin skin test (TST) results</b>	Usually has a positive IGRA or TST result indicating TB infection.	Usually has a positive IGRA or TST result indicating TB infection.
<b>Chest radiography</b>	Usually has a normal radiograph.	May have a radiograph that is abnormal.
<b>Microbiology</b>	Negative sputum smears and cultures.	May have positive sputum smear results and cultures in which <i>M tuberculosis</i> is isolated.
<a href="#">Treatment</a>	Encourage treatment for LTBI to prevent TB disease.	Requires treatment for TB disease.

### Sexually Transmitted Infections (STIs)

- Winnebago County Health Department is changing the way we follow up on STIs. Our goal is to inform partners of this change, so STI clients continue to receive the highest quality care.
- As STI cases are reported to us via the Wisconsin Electronic Disease Surveillance System (WEDSS), we will automatically close cases of chlamydia and gonorrhea, who have the appropriate treatment recorded. Thank you for your diligence in recording treatment. Cases who do not have treatment listed will receive notification from their local health department with guidance and encouragement to follow up with their provider for treatment and/or concerns.
- The reasoning behind this change in follow up is due to the fact that you, as healthcare providers, are the trusted source of information and have the highest impact on education and treatment when you have face to face conversations with the client. We at public health place high value on the provider-client relationship. **We are asking that you provide treatment to all patients you test based on the CDC [Sexually Transmitted Infections Treatment Guidelines, 2021](#).** This document provides current evidence-based diagnostic, management, and treatment recommendations, and serves as a source of clinical guidance for managing sexually transmitted infections (STIs).
- Updated treatment guideline wallchart - <https://www.cdc.gov/std/treatment-guidelines/wall-chart.pdf>

### Reporting Category I Diseases (Call Local Health Department 920-232-3000)

- Diseases such as Measles, Pertussis, and Tuberculosis are Category I Reportable Diseases and should be reported immediately to the health department.
  - Please review the list of [Category I Reportable Diseases](#) from the WI DHS.
- If you are prepared to test for a disease, be ready to treat the patient. Remember **Test, Isolate, and Treat.**

## Incidence of Communicable Disease in Winnebago County Health Department Jurisdiction and Wisconsin

Data obtained from the Wisconsin Public Health Analysis, Visualization and Reporting Portal. 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<sup>++</sup> refers to Incidence, which is the number of cases per 100,000 population. Incidence = # of cases/population \* 100,000.

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

Episode Year	2020 (Full Year)			2021 (Full Year)			2022 (Year to Date)		
	WCHD # of Cases	WCHD Inc <sup>++</sup>	WI Inc <sup>++</sup>	WCHD # of Cases	WCHD Inc <sup>++</sup>	WI Inc <sup>++</sup>	WCHD # of Cases	WCHD Inc <sup>++</sup>	WI Inc <sup>++</sup>
AFB Smear	*	*	0.2	1	<b>0.6</b>	0.1	*	*	0.1
Babesiosis	1	0.6	1.0	1	0.6	1.8	*	*	0.4
Blastomycosis	2	1.3	1.8	2	1.3	1.8	1	0.6	1.2
Campylobacteriosis	15	9.7	20.7	27	17.5	21.8	9	5.8	8.6
Chlamydia	661	429.2	454.0	646	419.5	481.6	308	200.0	224.2
Coccidioidomycosis	1	0.6	0.6	*	*	0.6	*	*	0.4
Cryptosporidiosis	7	4.5	8.4	11	7.1	10.4	7	<b>4.5</b>	3.3
Cyclosporiasis	9	<b>5.8</b>	1.3	4	<b>2.6</b>	1.7	1	<b>0.6</b>	0.5
Ehrlich/Anaplas	5	3.2	6.2	10	6.5	14.5	*	*	4.3
Giardiasis	8	5.2	8.5	9	5.8	9.7	4	<b>2.6</b>	2.2
Gonorrhea	157	101.9	176.6	187	121.4	180.4	84	54.5	80.1
Haemoph Inf Inv	2	<b>1.3</b>	1.2	2	1.3	1.5	1	0.6	0.8
Hepatitis A	*	*	0.2	1	<b>0.6</b>	0.5	*	*	0.3
Hepatitis B	14	<b>9.1</b>	5.5	14	<b>9.1</b>	6.1	4	2.6	3.4
Hepatitis C	36	23.4	33.6	42	27.3	34.8	16	10.4	13.5
Hepatitis D	*	*	0.1	*	*	0.1	1	<b>0.6</b>	0.1
Histoplasmosis	1	<b>0.6</b>	0.3	*	*	0.5	1	0.6	0.6
Influenza hosp	72	46.8	73.3	5	3.2	11.8	18	11.7	25.1
Inv Strep A & B	27	<b>17.5</b>	14.5	11	7.1	13.6	17	<b>11.0</b>	6.5
Kawasaki Disease	1	<b>0.6</b>	0.2	*	*	0.3	*	*	0.1
Legionellosis	3	1.9	4.3	2	1.3	3.9	3	<b>1.9</b>	1.3
Listeriosis	2	<b>1.3</b>	0.2	*	*	0.3	*	*	0.1
Lyme Disease	3	1.9	26.6	13	8.4	37.5	13	8.4	22.6
Malaria	*	*	0.1	1	<b>0.6</b>	0.3	*	*	0.1
Bact Meningitis	*	*	1.3	2	<b>1.3</b>	1.2	*	*	0.2
Myco (Non-TB)	40	<b>26.0</b>	17.8	37	<b>24.0</b>	22.4	13	<b>8.4</b>	8.0
Parapertussis	1	<b>0.6</b>	0.4	*	*	0.4	1	<b>0.6</b>	0.1
Pathogenic E.coli	28	18.2	21.2	61	<b>39.6</b>	31.3	4	2.6	9.3
Pertussis	1	0.6	2.2	*	*	0.4	*	*	0.4
Q Fever	1	<b>0.6</b>	0.1	*	*	0.1	*	*	0.1
Salmonellosis	15	9.7	12.2	25	<b>16.2</b>	15.8	10	6.5	6.9
Strep, Other Invasive	1	0.6	1.5	*	*	1.1	1	<b>0.6</b>	0.3
Strep Pneumo Inv	10	<b>6.5</b>	5.0	6	3.9	5.2	7	<b>4.5</b>	3.4
Syphilis	11	7.1	16.2	15	9.7	32.0	12	7.8	17.2
Toxoplasmosis	3	<b>1.9</b>	0.9	3	<b>1.9</b>	0.8	*	*	0.4
Tuberculosis (TB)	*	*	0.8	1	0.6	1.3	1	0.6	0.6
Tuberculosis, Class A or B	*	*	0.2	1	<b>0.6</b>	0.2	1	<b>0.6</b>	0.1
Tuberculosis, Latent Infection (LTBI)†	4	2.6	14.4	26	16.9	31.2	5	3.2	10.3
Varicella	*	*	1.9	4	2.6	2.8	*	*	1.5
Vibriosis	1	<b>0.6</b>	0.3	*	*	0.6	1	0.6	0.4
Yersiniosis	*	*	0.9	2	1.3	1.6	1	0.6	1.3
<b>Total</b>	<b>1,143</b>	<b>742.2</b>	<b>938.6</b>	<b>1,172</b>	<b>761.0</b>	<b>986.1</b>	<b>545</b>	<b>353.9</b>	<b>461.8</b>

Run Date 7/18/22

\*: An asterisk (\*) 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 Health Department had 52 LTBI cases listed as suspect in WEDSS for 2020, 54 cases for 2021, and 28 cases for 2022.