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Reports of Communicable Disease to Winnebago County Public Health – 2nd 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 <u>website</u>.

		2023				2024					12 Month		
Disease Group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Campylobacteriosis	8	7	2	2	4	1	1	5	2	6	3	4	45
Carbapenemase producing organisms	-	-	-	-	-	1	-	-	-	-	-	-	1
Chlamydia	41	46	30	54	48	57	50	51	35	58	37	44	551
Coccidioidomycosis	-	-	-	-	-	-	-	1	-	-	-	-	1
Cryptosporidiosis	-	1	1	1	-	-	1	1	-	-	1	-	6
Cyclosporiasis	3	-	-	1	-	-	-	-	-	-	-	-	4
Ehrlichiosis / Anaplasmosis	2	1	-	1	-	1	-	-	-	-	-	-	5
Free-Living Ameba	1	-	-	-	-	-	-	-	-	-	-	-	1
Giardiasis	1	1	1	2	1	2	-	2	-	3	1	-	14
Gonorrhea	5	8	6	4	4	7	4	7	2	9	8	9	73
Haemophilus Influenzae	-	-	-	1	-	1	-	-	-	-	1	1	4
Hepatitis A	-	-	-	-	-	-	-	-	-	1	-	-	1
Hepatitis B	4	2	-	1	1	-	2	1	1	1	1	1	15
Hepatitis C	-	4	2	2	1	1	2	2	1	6	1	2	24
Influenza hospitalizations	-	-	-	-	2	34	44	109	92	25	5	1	312
Invasive Strep A	1	-	-	-	-	-	-	1	2	1	-	-	5
Invasive Strep B	1	1	2	1	-	2	-	2	1	2	-	2	14
Legionellosis	-	1	-	-	-	-	-	1	-	1	1	-	4
Listeriosis	-	-	-	-	-	-	-	-	-	-	-	1	1
Lyme Disease	20	19	3	2	1	-	-	1	2	-	3	2	53
Malaria	1	-	-	-	-	-	-	-	-	-	-	-	1
Mycobacterial Disease, Non-TB	1	1	6	4	5	1	4	9	3	5	3	2	44
Pathogenic E. coli	10	11	6	13	8	2	-	5	3	4	-	4	66
Pertussis	-	-	-	1	-	-	-	-	-	-	-	2	3
RSV hospitalizations	-	-	-	-	3	35	26	27	19	10	-	-	120
Salmonellosis	5	4	-	-	2	2	4	4	1	3	-	3	28
Shigellosis	1	-	-	-	-	-	-	-	-	-	-	-	1
Strep, Other Invasive	-	-	-	-	-	-	2	1	-	-	-	-	3
Strep Pneumoniae Invasive	-	-	-	1	3	1	-	-	1	2	-	-	8
Syphilis	2	3	-	4	2	1	1	3	1	-	2	1	20
Toxoplasmosis	-	-	-	-	-	-	-	-	-	-	-	1	1
Tuberculosis	-	-	-	-	1	-	-	-	-	-	-	-	1
Latent Tuberculosis (LTBI)†	6	9	3	6	9	4	3	4	8	6	6	-	64
Vancomycin-resistant Enterococci (VRE)	1	-	-	-	1	-	1	-	-	1	-	-	4
Varicella (Chickenpox)	-	-	2	-	-	-	-	-	-	-	1	2	5
Vibriosis	-	-	-	-	-	1	-	-	-	-	-	-	1
Yersiniosis	2	1	1	1	-	1	1	-	-	2	1	-	10
Total	116	120	65	102	96	155	146	237	174	146	75	82	1,514
Run Date 7/8/2024	This data does not include the <u>City of Menasha</u> or <u>City</u> 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 29 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	20	024 (YTD)		20)23 (Full Year)		2022 (Full Year)			
	WCPH #	WCPH	WI	WCPH #	WCPH	WI	WCPH #	WCPH	WI Inc++	
	of Cases	Inc††	Inc††	of Cases	Inc††	Inc††	of Cases	Inc††		
Babesiosis	-	-	0.6	-	-	2.1	1	0.6	1.6	
Blastomycosis	-	-	0.8	-	-	2.3	1	0.6	2.4	
Campylobacteriosis	21	13.6	11.2	36	23.4	27.6	30	19.5	23.2	
Carbapenemase producing organisms	-	-	1.4	2	1.3	3.2	-	-	2.6	
Chlamydia	275	178.6	196.3	520	337.6	428.4	585	379.8	440.5	
Coccidioidomycosis	1	0.6	0.3	-	-	0.3	-	-	0.4	
Cryptosporidiosis	3	1.9	2.5	9	5.8	9.4	13	8.4	9.4	
Cyclosporiasis	-	-	0.2	5	3.2	1.2	2	1.3	1.1	
Ehrlichiosis / Anaplasmosis	-	-	6.2	8	5.2	12.7	3	1.9	9.8	
Giardiasis	6	3.9	2.7	13	8.4	8.9	14	9.1	7.3	
Gonorrhea	39	25.3	56.6	62	40.3	120.0	146	94.8	149.3	
Haemophilus Influenzae	2	1.3	1.3	2	1.3	2.3	6	3.9	1.9	
Hepatitis A	1	0.6	0.4	-	-	0.4	-	-	0.4	
Hepatitis B	7	4.5	3.5	12	7.8	6.5	5	3.2	7.2	
Hepatitis C	14	9.1	10.0	22	14.3	25.1	28	18.2	28.9	
Histoplasmosis	-	-	0.3	-	-	0.5	2	1.3	0.7	
Influenza hospitalizations	276	179.2	245.4	94	61.0	111.2	454	294.8	291.3	
Invasive Strep A	4	2.6	4.2	4	2.6	9.3	5	3.2	4.0	
Invasive Strep B	7	4.5	5.1	18	11.7	11.1	22	14.3	10.2	
Legionellosis	3	1.9	1.2	1	0.6	3.7	7	4.5	4.0	
Listeriosis	1	0.6	0.2	-	-	0.4	-	-	0.4	
Lyme Disease	8	5.2	33.1	67	43.5	107.1	91	59.1	100.9	
Malaria	-	-	0.2	1	0.6	0.3	-	-	0.4	
Mycobacterial (Non-TB)	26	16.9	13.3	38	24.7	22.5	30	19.5	17.9	
Parapertussis	-	-	0.1	-	-	1.2	1	0.6	0.7	
Pathogenic E.coli	16	10.4	16.9	74	48.0	49.5	63	40.9	39.0	
Pertussis	2	1.3	3.9	1	0.6	0.9	-	-	0.3	
RSV hospitalizations	82	53.2	56.0	38	24.7	39.5				
Salmonellosis	15	9.7	7.8	18	11.7	17.7	30	19.5	17.8	
Shigellosis	-	-	0.8	1	0.6	1.4	1	0.6	1.9	
Strep, Other Invasive	3	1.9	0.5	1	0.6	0.3	1	0.6	0.4	
Strep Pneumoniae Invasive	3	1.9	5.8	10	6.5	8.9	11	7.1	7.4	
Syphilis	8	5.2	11.3	33	21.4	31.1	23	14.9	38.5	
Toxic Shock Syndrome	-	-	0.1	1	0.6	0.3	-	-	0.1	
Toxoplasmosis	1	0.6	1.3	-	-	1.3	-	-	1.4	
Transmissible Spongiform Encephalopathy (TSE)	-	-	0.1	1	0.6	0.2	1	0.6	0.2	
Tuberculosis (TB)	-	-	0.6	1	0.6	1.2	1	0.6	1.1	
Latent Tuberculosis (LTBI)†	27	17.5	10.6	69	44.8	26.0	18	11.7	19.0	
Vibriosis	-	-	0.4	1	0.6	0.8	1	0.6	0.8	
Vancomycin-resistant Enterococci (VRE)	2	1.3	0.3	3	1.9	1.0	-	-	0.8	
VRSA/VISA	-	-	-	1	0.6	0.1	-	-	0.0	
Varicella	3	1.9	1.9	5	3.2	3.2	4	2.6	2.8	
Yersiniosis	4	2.6	1.9	9	5.8	3.2	5	3.2	2.4	
Total	860	705.1	718.6	1,181	766.8	1,123.5	1,605	791.5	1,252.6	
n Date 7/8/2024				-	: A dash (-) reg	presents 0 co	onfirmed + pro	bable cases fo	or that disease.	

Run Date 7/8/2024

^{+:} 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 20 cases for 2024.

2nd Quarter 2024 Communicable Disease Notes and Updates

- Pertussis: Reported cases increasing state-wide
 - This spring, there were several cases of pertussis; mainly in high-school aged individuals in the Northeastern region and in the Milwaukee area and surrounding counties.
 - **To date Wisconsin has 126 confirmed and probable cases reported statewide in 2024**, compared to 51 cases reported in 2023. This is a significant increase over the past few years. Other states are also experiencing larger numbers of pertussis cases.
 - When to test for Pertussis
 - Health care providers are reminded to consider testing for pertussis in patients with a persistent
 or worsening cough of unknown etiology that lasts for more than seven days, or any cough
 duration if the patient has had close contact with a known case of pertussis.
 - Testing for Pertussis
 - PCR is the preferred test and is most reliable within the first 21 days from cough onset.
 For more information, visit DHS' <u>Whooping Cough (Pertussis)</u> webpage and <u>Case Reporting and</u> <u>Investigation Protocol</u> (pdf). When testing for pertussis, please reach out to your local health department.
 - If you are prepared to test for a disease, be ready to treat the patient. Remember Test, isolate if appropriate, and Treat.

• Varicella: Remember to test and report

- The Council of State and Territorial Epidemiologists (CSTE) has updated the standardized surveillance <u>case definition for varicella</u>, effective January 1, 2024. The epidemiology and clinical presentation of varicella have changed since the introduction of routine childhood vaccination against varicella. Clinical diagnosis is especially challenging in cases with mild rashes, few lesions, or no vesicles. Laboratory confirmation of varicella is necessary to understand the true burden of disease and is now routinely recommended. Varicella is reportable in Wisconsin, and suspected cases should be reported to your <u>local health department</u>.
- For more information, visit DHS' <u>Chickenpox (Varicella)</u> webpage.

SARS-CoV-2 activity is increasing

- Emergency department (ED), laboratory testing, hospitalization, and wastewater data all show that COVID-19 activity is increasing in Wisconsin.
- ED visit data show that COVID-19 activity is increasing among all age groups, especially people 65 years and older.
- Additional data on respiratory illness can be found in the Wisconsin Department of Health Services (DHS) <u>weekly Respiratory Report</u> and on the <u>DHS respiratory dashboard</u>.

