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## Reports of Communicable Disease in Winnebago County – October 2018 Update

Data obtained from the Wisconsin Public Health Information Network – 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 at: <http://www.co.winnebago.wi.us/health/units/general-public-health/communicable-disease/communicable-disease-reports>

Episode Year-Month	Oct 2017	Nov	Dec 2017	Jan 2018	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep 2018	TOTAL
Babesiosis	1	0	0	0	0	0	0	0	0	0	0	0	1
Blastomycosis	0	0	0	0	0	0	0	0	1	0	0	0	1
Campylobacteriosis	5	2	1	2	2	1	5	3	10	6	12	2	51
Chlamydia	48	44	37	54	40	79	59	54	41	64	67	46	633
Cryptosporidiosis	1	1	1	0	0	1	0	0	2	5	4	3	18
Cyclosporiasis	0	0	0	0	0	0	0	5	4	1	0	0	10
Ehrlich/Anaplas	0	0	0	0	0	0	0	0	0	1	2	0	3
Giardiasis	1	0	0	0	1	0	0	0	1	1	4	2	10
Gonorrhea	4	5	14	11	6	10	8	5	8	7	15	10	103
Haemoph Inf Inv	1	0	0	0	0	0	0	0	0	0	0	0	1
Hepatitis B	2	0	3	0	0	0	0	1	1	0	1	1	9
Hepatitis C	9	6	6	12	2	8	4	10	2	9	7	7	82
Influenza hosp	1	0	20	74	40	17	12	2	0	0	0	0	166
Inv Strep A & B	0	0	2	2	3	3	1	3	1	2	1	3	21
Kawasaki Disease	0	0	0	0	0	1	0	0	2	0	0	0	3
Legionellosis	1	0	0	1	0	0	0	0	0	0	0	0	2
Leptospirosis	0	0	0	0	0	0	0	0	0	0	0	1	1
Lyme Disease	1	0	0	1	0	0	1	1	6	5	2	1	18
Bact Meningitis	0	0	0	0	0	0	0	1	0	0	1	1	3
Myco (Non-TB)	6	6	7	5	8	1	3	2	3	4	3	8	56
Pathogenic E.coli	0	0	2	2	0	2	2	0	2	1	1	1	13
Pertussis	4	0	1	1	0	2	2	1	1	0	0	0	12
Rocky Mt Spotted Fever	0	0	0	0	0	0	0	0	0	1	0	0	1
Salmonellosis	2	2	2	5	0	2	3	2	2	3	3	0	26
Shigellosis	0	0	0	0	0	0	0	0	1	0	0	0	1
Strep, Other Invasive	0	0	1	2	0	0	0	0	0	0	0	0	3
Strep Pneumo Inv	0	0	1	0	2	0	2	1	0	1	0	1	8
Syphilis	1	0	2	1	0	0	0	0	1	0	3	0	8
TB, Latent (LTBI)	1	2	2	1	0	2	2	1	1	1	1	2	16
Varicella	2	1	1	0	0	0	2	0	2	0	0	0	8
Vibriosis	0	0	0	0	0	0	0	0	1	0	0	0	1
Yersiniosis	0	0	0	0	0	0	1	0	0	1	0	0	2
<b>TOTAL</b>	<b>91</b>	<b>69</b>	<b>103</b>	<b>174</b>	<b>104</b>	<b>129</b>	<b>107</b>	<b>92</b>	<b>93</b>	<b>113</b>	<b>127</b>	<b>89</b>	<b>1291</b>

Run Date 10/24/2018

This data does not include the City of Menasha.

# October 2018 Communicable Disease Notes and Updates

**Travel Note:** Please ask about any travel (out of home area, state or country). Many patients who acquire travel-related illnesses develop symptoms soon after returning home.

## **Seasonal/Environmental Updates:**

**Respiratory Virus Surveillance:** WI Influenza page: <https://www.dhs.wisconsin.gov/influenza/index.htm>

CDC Influenza Page: <http://www.cdc.gov/flu/>

Rhinovirus/Enterovirus are the predominant viruses currently in Wisconsin. (As of 9/10/2018)

Influenza: Activity levels are low and below baseline throughout the state.

- Report: [Influenza-associated hospitalizations](#), [Influenza-associated pediatric deaths](#) and [Influenza A virus infection - novel subtypes only](#).

## **Local/National Update:**

**Pertussis:** [WI Pertussis page](#) & [CDC Pertussis page](#)

- In 2017 Winnebago County has had 7 probable cases and 6 confirmed cases. As of August 31, 2018, there have been 348 cases (235 confirmed and 113 probable) of pertussis with onsets during 2018 reported among Wisconsin residents.
- **If you have a suspect case or are considering testing someone, notify the LHD immediately. Isolate symptomatic patients for 5 days of antibiotic therapy.** Test symptomatic patients with NP swab for PCR as soon as possible and preferably within 21 days of cough onset.

**Sexually Transmitted Diseases- Chlamydia, Gonorrhea and Syphilis:** [WI STD page](#) & [CDC STD page](#)

- The CDC released the [Sexually Transmitted Disease Surveillance Report, 2017](#). Nationally, 2017 marks the **fourth year of overall increasing rates for chlamydia, gonorrhea, and syphilis**. Please continue to be diligent in your assessments and testing. Utilize this [flowchart](#) to determine treatment and follow up protocol.
- For recommended and alternative treatment regimens please refer to the [CDC 2015 STD Treatment Guidelines](#)

**Tuberculosis:** [WI TB page](#)

- Remember to **"Think TB."** If you suspect active (infectious) TB notify the LHD immediately. TST/TB Blood Test, chest x-ray, sputums x 3 and isolation will be required.
- Latent TB Infection (LTBI) is now reportable to Public Health. Screening is recommended for all individuals and testing is recommended only for those individuals that have risk factors as identified by the [screening tool](#).
- Please see [this page](#) for provider resources including the [LTBI Case Report Form](#) and [Follow-Up Form](#).
- Risk factors for LTBI include:
  - Birth, travel, or residence in a country with high TB incidence. (Includes any country other than the US, Canada, Australia, New Zealand, or a country in Western or Northern Europe).
  - Close contact to an active case of TB during lifetime
  - Recent TB symptom- persistent cough lasting 3 or more weeks AND one or more of the following symptoms: coughing up blood, fever, night sweats, unexplained weight loss, or fatigue.
  - Current or former employee or resident of a high-risk congregate setting in a state with elevated TB rates.

**Cyclospora:** [WI Cyclosporiasis page](#) & [CDC Cyclosporiasis page](#)

- There were a total of 185 reported cyclospora cases in WI related to Kwik Trip (177 cases) and McDonalds (8 cases) [outbreaks](#).

**Norovirus:** [WI Norovirus Page](#)

- Highly contagious and is currently circulating in our area.
- Reminder to wash your hands with soap and water as hand gels do not prevent Norovirus.
- Reminder to ask patients where they work. 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.

**If you have any questions please contact:  
Winnebago County Health Department at 920-232-3000  
Or by email at [health@co.winnebago.wi.us](mailto:health@co.winnebago.wi.us)**

## Incidence of Communicable Disease in Winnebago County (WC) and Wisconsin (WI)

Data obtained from the Wisconsin Public Health Information Network – 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+ = Incidence = number of cases/100,000 population. WC population 2010 = 166,994 WI population 2010 = 5,686,986

Episode Year	2016			2017			2018		
	WC # of Cases	WC Inc*	WI Inc*	WC # of Cases	WC Inc*	WI Inc*	WC # of Cases	WC Inc*	WI Inc*
Arboviral Disease	3	1.77	1.80	1	0.59	2.32			
Babesiosis	1	0.59	1.19	2	1.18	1.51			
Blastomycosis	3	1.77	2.15	1	0.59	2.15	1	0.59	1.09
Campylobacteriosis	42	24.72	28.57	39	22.96	30.37	49	28.84	21.65
Chlamydia	779	458.54	468.63	668	393.20	484.36	627	369.07	387.49
Cryptosporidiosis	23	13.54	15.25	15	8.83	12.55	17	10.01	12.20
Cyclosporiasis							11	6.47	5.26
Ehrlich/Anaplas	4	2.35	12.22	14	8.24	14.61	8	4.71	7.42
Giardiasis	19	11.18	14.29	14	8.24	12.03	10	5.89	8.69
Gonorrhea	104	61.22	113.30	108	63.57	133.85	99	58.27	108.35
Hemolytic Uremic Syndrome	1	0.59	0.12						
Haemoph Inf Inv	2	1.18	2.20	2	1.18	2.18			
Hepatitis A				1	0.59	0.28			
Hepatitis B	18	10.60	7.89	15	8.83	6.80	5	2.94	5.02
Hepatitis C	126	74.17	67.99	72	42.38	53.68	73	42.97	36.53
Histoplasmosis				2	1.18	0.40			
Influenza hosp	28	16.48	35.84	114	67.10	89.60	158	93.00	111.51
Inv Strep A & B	26	15.30	13.03	31	18.25	14.22	21	12.36	12.13
Kawasaki Disease	2	1.18	0.19				3	1.77	0.26
Legionellosis				2	1.18	3.05	2	1.18	4.62
Leptospirosis							1	0.59	0.03
Lyme Disease	11	6.47	40.11	32	18.84	49.15	21	12.36	25.33
Malaria	4	2.35	0.36	1	0.59	0.17			
Bact Meningitis	3	1.77	0.97				4	2.35	1.35
Myco (Non-TB)	55	32.37	18.93	67	39.44	21.79	43	25.31	15.40
Pathogenic E.coli	7	4.12	4.83	9	5.30	7.11	19	11.18	19.94
Pertussis	105	61.81	25.11	19	11.18	13.19	9	5.30	8.36
Rocky Mt Spotted Fever	1	0.59	0.33	1	0.59	0.38	1	0.59	0.45
Salmonellosis	17	10.01	15.71	23	13.54	18.10	26	15.30	14.73
Shigellosis	7	4.12	12.86	1	0.59	4.71	2	1.18	2.01
Strep, Other Invasive	1	0.59	0.90	4	2.35	1.25	4	2.35	1.51
Strep Pneumo Inv	11	6.47	7.32	8	4.71	8.60	11	6.47	6.84
Syphilis	16	9.42	8.76	14	8.24	11.39	8	4.71	7.39
Toxoplasmosis							1	0.59	0.09
Tuberculosis (TB)	1	0.59	0.85	1	0.59	0.85			
TB, Latent (LTBI)	50	29.43	14.28	32	18.84	12.79	14	8.24	9.28
VRSA / VISA				1	0.59	0.10	1	0.59	0.10
Varicella	10	5.89	6.78	8	4.71	4.93	6	3.53	3.43
Vibriosis				2	1.18	0.55	2	1.18	0.50
Yersiniosis	2	1.18	0.54				2	1.18	0.99
<b>TOTAL</b>	<b>1482</b>	<b>872.35</b>	<b>943.29</b>	<b>1324</b>	<b>779.35</b>	<b>1019.00</b>	<b>1259</b>	<b>741.09</b>	<b>839.93</b>

Run Date 10/24/2018