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 Prevent. Promote. Protect.  
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## Reports of Communicable Disease in Winnebago County – October 2019 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 2018	Nov	Dec 2018	Jan 2019	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep 2019	TOTAL
Babesiosis	0	0	0	0	0	0	0	0	0	2	1	0	3
Blastomycosis	1	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacteriosis	2	6	3	2	2	2	2	1	2	1	4	2	18
Chlamydia	66	61	51	45	56	51	60	56	47	56	54	46	471
Cryptosporidiosis	1	0	0	0	0	0	1	0	2	4	4	1	12
Cyclosporiasis	0	0	0	0	0	0	0	0	4	1	1	0	6
Ehrlich/Anaplas	3	0	0	0	0	0	0	0	3	2	1	0	6
Giardiasis	1	1	0	1	2	1	0	1	0	0	3	0	8
Gonorrhea	14	7	8	10	10	6	10	9	7	14	9	6	81
Haemoph Inf Inv	1	1	0	0	0	0	0	0	1	0	0	0	1
Hepatitis B	2	1	2	0	2	1	0	0	3	1	0	1	8
Hepatitis C	3	6	3	6	7	7	4	2	3	3	4	0	36
Influenza hosp	0	1	0	10	14	30	12	0	1	0	0	0	67
Inv Strep A & B	3	3	2	2	2	2	1	5	3	3	1	4	23
Legionellosis	1	1	0	0	0	0	0	0	1	1	1	0	3
Lyme Disease	0	2	2	0	0	0	2	2	0	4	4	1	13
Myc (Non-TB)	3	4	5	5	4	3	6	3	7	9	3	1	41
Pathogenic E.coli	2	0	1	4	3	0	3	0	5	0	1	1	17
Pertussis	1	1	3	0	0	0	1	1	1	2	5	1	11
Salmonellosis	3	2	0	1	2	4	1	1	3	0	0	0	12
Shigellosis	0	0	0	0	0	1	1	0	0	0	0	0	2
Strep, Other Invasive	0	1	0	0	0	0	0	0	0	1	0	0	1
Strep Pneumo Inv	0	1	1	0	0	3	2	1	1	0	0	2	9
Syphilis	1	1	1	0	2	1	1	0	1	1	0	0	6
TB, Latent (LTBI)	3	1	0	2	1	2	1	5	5	1	0	2	19
Varicella	0	1	1	0	5	2	1	0	1	0	0	1	10
Yersiniosis	0	1	0	0	0	0	0	1	1	0	0	0	2
<b>TOTAL</b>	<b>111</b>	<b>103</b>	<b>83</b>	<b>88</b>	<b>112</b>	<b>116</b>	<b>109</b>	<b>88</b>	<b>102</b>	<b>106</b>	<b>96</b>	<b>69</b>	<b>886</b>

Run Date 10/01/2019

*This data does not include the City of Menasha.*

# October 2019 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.

## Local/National Update:

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

- **If you have a suspect case or are considering testing someone**, report it **IMMEDIATELY** by **TELEPHONE** to the local health department (LHD). LHD should be notified of suspected cases *before* test results are even received.
- **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.
- During January 1 through August 31, 2019, 240 cases (98 confirmed and 105 probable) of pertussis with onset during 2019 were reported among Wisconsin residents. In comparison, 407 cases were reported during the same time period in 2018
- 49 (20.4%) reported cases occurred among children aged <1 year. Among these case patients, 34 (66.7%) were aged <6 months. 5 were hospitalized. Additionally, 44.7% were up-to-date for age with pertussis vaccinations, 36.2% were not up-to-date for age, and 17.0% were too young for vaccination.
- Resources:
  - <https://www.dhs.wisconsin.gov/publications/p0/p00688.pdf>
  - <https://www.cdc.gov/pertussis/about/index.html>

**Vaping:** [CDC Vaping Outbreak of Lung Injury](#)

- **Providers:** As this investigation continues, CDC encourages clinicians to **report possible cases of e-cigarette or vaping-associated lung injury** to their local or state health department for further investigation.
- As of October 1, 2019, 1,080\* lung injury cases associated with using e-cigarette, or vaping, products have been reported to CDC from 48 states and 1 U.S. territory. Eighteen deaths have been confirmed in 15 states.
- Approximately 80% of patients are under 35 years old.
- The specific chemical exposure(s) causing lung injuries associated with e-cigarette use, or vaping, remains unknown at this time. No single product or substance has been linked to all lung injury cases.
- Resources:
  - [CDC's Infographic](#)
  - [https://www.cdc.gov/tobacco/basic\\_information/e-cigarettes/severe-lung-disease/healthcare-providers/index.html](https://www.cdc.gov/tobacco/basic_information/e-cigarettes/severe-lung-disease/healthcare-providers/index.html)

**NEW WCHD Website Layout:** [WCHD](#)

- Come check out the updated WCHD website that makes it user friendly for providers
- Updated TB Toolkit coming soon
- Let us know any suggestions to keep improving the website

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	2017			2018			2019		
	WC # of Cases	WC Inc*	WI Inc*	WC # of Cases	WC Inc*	WI Inc*	WC # of Cases	WC Inc*	WI Inc*
Arboviral Disease	1	0.59	2.32	*	*	*	1	0.59	0.36
Babesiosis	2	1.18	1.51	*	*	*	3	1.77	0.78
Blastomycosis	1	0.59	2.15	1	0.59	1.09	1	0.59	0.99
Campylobacteriosis	39	22.96	30.37	49	28.84	21.65	21	12.36	19.33
Chlamydia	668	393.20	484.36	627	369.07	387.49	522	307.26	364.25
Cryptosporidiosis	15	8.83	12.55	17	10.01	12.20	13	7.65	9.19
Cyclosporiasis	*	*	*	11	6.47	5.26	6	3.53	1.83
Ehrlich/Anaplas	14	8.24	14.61	8	4.71	7.42	7	4.12	5.50
Giardiasis	14	8.24	12.03	10	5.89	8.69	8	4.71	6.40
Gonorrhea	108	63.57	133.85	99	58.27	108.35	96	56.51	107.13
Hemolytic Uremic Syndrome	*	*	*	*	*	*	1	0.59	0.05
Haemoph Inf Inv	2	1.18	2.18	*	*	*	1	0.59	1.09
Hepatitis A	1	0.59	0.28	*	*	*	1	0.59	0.24
Hepatitis B	15	8.83	6.80	5	2.94	5.02	7	4.12	3.76
Hepatitis C	72	42.38	53.68	73	42.97	36.53	43	25.31	26.60
Histoplasmosis	2	1.18	0.40	*	*	*	0	0	.28
Influenza hosp	114	67.10	89.60	158	93.00	111.51	71	41.79	70.52
Inv Strep A & B	31	18.25	14.22	21	12.36	12.13	24	14.13	11.42
Kawasaki Disease	*	*	*	3	1.77	0.26	0	0	0.10
Legionellosis	2	1.18	3.05	2	1.18	4.62	4	2.35	2.98
Leptospirosis	*	*	*	1	0.59	0.03	0	0	0.05
Lyme Disease	32	18.84	49.15	21	12.36	25.33	18	10.60	28.03
Malaria	1	0.59	0.17	*	*	*	0	0	0.16
Bact Meningitis	*	*	*	4	2.35	1.35	0	0	0.97
Myco (Non-TB)	67	39.44	21.79	43	25.31	15.40	42	24.72	12.89
Pathogenic E.coli	9	5.30	7.11	19	11.18	19.94	25	14.72	17.89
Pertussis	19	11.18	13.19	9	5.30	8.36	11	6.47	4.97
Rocky Mt Spotted Fever	1	0.59	0.38	1	0.59	0.45	0	0	0.16
Salmonellosis	23	13.54	18.10	26	15.30	14.73	14	8.24	11.08
Shigellosis	1	0.59	4.71	2	1.18	2.01	2	1.18	1.57
Strep, Other Invasive	4	2.35	1.25	4	2.35	1.51	1	0.59	1.12
Strep Pneumo Inv	8	4.71	8.60	11	6.47	6.84	10	5.89	5.69
Syphilis	14	8.24	11.39	8	4.71	7.39	11	6.47	7.01
Toxoplasmosis	*	*	*	1	0.59	0.09	1	0.59	0.19
Tuberculosis (TB)	1	0.59	0.85	*	*	*	0	0	0.64
TB, Latent (LTBI)	32	18.84	12.79	14	8.24	9.28	22	12.95	11.20
VRSA / VISA	1	0.59	0.10	1	0.59	0.10	0	0	0.05
Varicella	8	4.71	4.93	6	3.53	3.43	10	5.89	4
Vibriosis	2	1.18	0.55	2	1.18	0.50	0	0	0.52
Yersiniosis	*	*	*	2	1.18	0.99	2	1.18	0.85
<b>TOTAL</b>	<b>1324</b>	<b>779.35</b>	<b>1019.00</b>	<b>1259</b>	<b>741.09</b>	<b>839.93</b>	<b>1287</b>	<b>591.57</b>	<b>744.82</b>

Run Date 10/01/2019

\*Insufficient data  
This data does include the City of Menasha.