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## Reports of Communicable Disease in Winnebago County – January 2020 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	Jan 2019	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec 2019	TOTAL
Arboviral Disease	0	0	0	0	0	1	0	0	0	0	0	0	1
Campylobacteriosis	2	2	2	2	1	2	0	0	0	0	0	0	11
Chlamydia	44	56	51	60	56	47	56	55	57	67	51	39	639
Cryptosporidiosis	0	0	0	1	0	2	4	4	1	2	1	0	15
Cyclosporiasis	0	0	0	0	0	4	1	1	0	0	0	0	6
Ehrlich/Anaplas	0	0	0	0	0	3	2	0	0	0	0	0	5
Giardiasis	1	2	1	0	1	0	0	4	1	3	0	2	15
Gonorrhea	10	10	6	10	9	7	14	9	8	13	18	12	126
Haemoph Inf Inv	0	0	0	0	1	0	0	0	0	1	0	0	2
Hepatitis B	0	2	1	0	0	3	1	0	0	3	1	0	11
Hepatitis C	5	7	7	4	2	3	3	4	2	2	3	0	42
Influenza hosp	10	14	30	12	0	1	0	0	0	0	1	2	70
Inv Strep A & B	2	2	2	1	5	3	3	1	4	1	3	0	27
Legionellosis	0	0	0	0	0	1	1	0	0	0	0	0	2
Lyme Disease	0	0	0	2	2	0	5	4	3	1	0	1	18
Myco (Non-TB)	5	4	3	6	3	7	8	3	4	2	7	5	57
Pathogenic E.coli	4	3	0	0	0	5	0	0	0	0	0	0	12
Pertussis	0	0	0	1	1	1	2	5	3	1	1	1	16
Salmonellosis	1	2	4	1	1	4	0	1	0	2	1	0	17
Shigellosis	0	0	1	1	0	0	0	0	0	1	0	0	3
Strep, Other Invasive	0	0	0	0	0	0	1	0	0	0	0	0	1
Strep Pneumo Inv	0	0	3	2	1	1	0	0	2	0	1	1	11
Syphilis	0	2	1	1	0	1	1	0	0	1	3	1	11
Toxoplasmosis	0	0	0	0	0	0	0	0	1	1	0	0	2
Tuberculosis (TB)	1	0	0	0	0	0	0	0	1	0	0	0	2
TB, Latent (LTBI)	2	1	2	1	5	5	1	1	5	7	1	4	35
Varicella	0	5	2	1	0	1	0	0	1	1	2	0	13
Yersiniosis	0	0	0	0	1	1	0	0	0	0	0	0	2
<b>TOTAL</b>	<b>87</b>	<b>112</b>	<b>116</b>	<b>107</b>	<b>84</b>	<b>105</b>	<b>107</b>	<b>96</b>	<b>94</b>	<b>111</b>	<b>95</b>	<b>68</b>	<b>1,187</b>

Run Date 1/15/2020

**\*Insufficient Data**  
**This data does not include the City of Menasha.**

# January 2020 Communicable Disease Notes and Updates

## 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/>

Influenza B and RSV are the predominant viruses currently in Wisconsin (as of January 4, 2020).

Influenza: Activity levels are moderate to high throughout the state with the highest rates seen in southwest Wisconsin.

- Please remind patients to get the flu vaccine and wash their hands to reduce the spread of influenza. For more resources, visit this [WI DHS Page](#).

## Local/National Update:

### **Novel Coronavirus: [CDC Health Update](#)**

- The Centers for Disease Control and Prevention (CDC) announced the first travel-associated case of novel Coronavirus (2019-nCoV) detected in the United States, and travel-associated cases have been reported in several other countries. Although no cases of 2019-nCoV have been reported in Wisconsin to date, the Division of Public Health (DPH) and the CDC continue to monitor the situation.

#### **For Health Care Providers:**

- CDC's [updated guidance](#) provides recommendations for health care providers regarding the evaluation of patients for 2019-nCoV, as well as prevention and infection control guidance and information on specimen collection.

#### **Key Messages:**

- Continue to [routinely ask patients about their travel history](#) and collect specific information about locations (city, country) and dates of travel.
- Work with your facility's infection prevention staff to review site-specific plans for the identification and isolation of patients, and notify them immediately if any patients present with [clinical and epidemiologic criteria](#).
- Contact DPH at 608-267-9003 for consultation and approval of testing for 2019-nCoV for patients who meet the [clinical and epidemiologic criteria](#).
- All [clinical specimens](#) from patients who are approved for testing must be accompanied by a completed [patient under investigation \(PUI\) form](#) and sent to the [Wisconsin State Laboratory of Hygiene](#). At this time, all testing is performed at the CDC.

#### **Infection Prevention and Control Recommendations:**

- CDC currently [recommends](#) a cautious approach to patients under investigation. Patients should be asked to wear a surgical mask as soon as they are identified and be evaluated in a private room with the door closed, ideally in an airborne infection isolation room, if available. Health care personnel entering the room should use standard precautions, contact precautions, airborne precautions and use eye protection (e.g., goggles or a face shield).

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

- As of November 30, 2019, there have been 411 cases (227 confirmed and 184 probable) of pertussis with onset during 2019 reported among Wisconsin residents.
- **If you 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.

## **STI Rates: [CDC Treatment Guidelines](#) & [WI Reporting Laws](#)**

- We are continuing to see increasing rates of STIs. In Winnebago County the incidence of gonorrhea has been increasing by 10% annually since 2017. Refresh yourself on the [Follow Up Protocol](#) for Chlamydia & Gonorrhea

**For questions please contact:  
Winnebago County Health Department  
920-232-3000 or [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 2016 = 169,886 WI population 2016 = 5,778,708

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	2.34	1	0.59	1.02	1	0.59	0.80
Babesiosis	2	1.18	1.52	*	*	*	3	1.77	0.99
Blastomycosis	1	0.59	2.20	2	1.18	1.42	1	0.59	1.44
Campylobacteriosis	40	23.55	30.30	64	37.67	27.60	32	18.84	27.72
Chlamydia	660	388.50	483.24	782	460.31	486.03	714	420.28	504.87
Cryptosporidiosis	15	8.83	12.65	18	10.60	14.71	17	10.01	11.91
Cyclosporiasis	*	*	*	11	6.47	5.35	6	3.53	1.89
Ehrlich/Anaplas	14	8.24	14.73	10	5.89	8.69	8	4.71	7.25
Giardiasis	14	8.24	12.27	13	7.65	11.56	16	9.42	10.85
Gonorrhea	104	61.22	133.33	125	73.58	136.80	146	85.94	154.50
Hemolytic Uremic Syndrome	*	*	*	*	*	*	1	0.59	0.16
Haemoph Inf Inv	2	1.18	2.18	3	1.77	1.89	3	1.77	2.02
Hepatitis A	1	0.59	0.28	*	*	*	2	1.18	0.59
Hepatitis B	15	8.83	6.92	9	5.30	6.61	12	7.06	5.50
Hepatitis C	70	41.20	53.11	95	55.92	44.47	55	32.37	37.07
Histoplasmosis	2	1.18	0.45	*	*	*	1	0.59	0.47
Influenza hosp	114	67.10	89.64	160	94.18	113.66	75	44.15	79.43
Inv Strep A & B	30	17.66	14.22	28	16.48	15.30	29	17.07	15.35
Kawasaki Disease	*	*	*	3	1.77	0.35	0	0.00	0.19
Legionellosis	2	1.18	3.06	5	2.94	5.71	4	2.35	4.07
Leptospirosis	*	*	*	1	0.59	0.10	0	0.00	0.05
Lyme Disease	34	20.01	52.47	25	14.72	31.15	26	15.30	37.41
Malaria	1	0.59	0.17	*	*	*	0	0.00	0.22
Bact Meningitis	*	*	*	4	2.35	1.66	0	0.00	1.30
Myco (Non-TB)	67	39.44	21.39	52	30.61	18.97	57	33.55	19.64
Pathogenic E.coli	10	5.89	7.01	24	14.13	23.90	32	18.84	23.48
Pertussis	19	11.18	13.20	13	7.65	11.73	20	11.77	9.05
Rocky Mt Spotted Fever	1	0.59	0.40	1	0.59	0.48	*	*	*
Salmonellosis	23	13.54	18.14	33	19.42	17.69	20	11.77	14.93
Shigellosis	1	0.59	4.71	2	1.18	2.35	4	2.35	2.09
Strep, Other Invasive	4	2.35	1.25	5	2.94	1.85	1	0.59	1.66
Strep Pneumo Inv	8	4.71	8.58	14	8.24	8.89	13	7.65	7.86
Syphilis	14	8.24	11.53	15	8.83	9.29	17	10.01	10.19
Toxoplasmosis	*	*	*	1	0.59	0.24	3	1.77	0.48
Tuberculosis (TB)	1	0.59	0.85	1	0.59	0.78	0	0.00	0.97
TB, Latent (LTBI)	32	18.84	12.94	21	12.36	13.74	38	22.37	15.85
VRSA / VISA	1	0.59	0.10	1	0.59	0.17	0	0.00	0.05
Varicella	7	4.12	4.98	8	4.71	4.97	14	8.24	5.85
Vibriosis	2	1.18	0.55	2	1.18	0.52	0	0.00	0.62
Yersiniosis	*	*	*	4	2.35	1.18	2	1.18	1.32
<b>TOTAL</b>	<b>1312</b>	<b>772.28</b>	<b>1020.71</b>	<b>1556</b>	<b>915.91</b>	<b>1030.82</b>	<b>1373</b>	<b>808.19</b>	<b>1020.09</b>

Run Date 1/15/2020

*Annual population data not yet available. Report generated using most recent data available (2016)*

*\*Insufficient Data*

*This does include the City of Menasha.*