

Mark Harris, County Executive  
Doug Gieryn, Director/Health Officer

Office Hours: M-F 8:00am-4:30pm  
Toll-Free: 800-250-3110  
Fax: 920-232-3370

[health@co.winnebago.wi.us](mailto:health@co.winnebago.wi.us)  
[www.winnebagohealth.org](http://www.winnebagohealth.org)



112 Otter Avenue  
Oshkosh, WI 54903-2808  
Phone: 920-232-3000

211 N Commercial Street  
Neenah, WI 54956  
Phone: 920-727-2894

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@WinnebagoHealth

## Reports of Communicable Disease in Winnebago County – January 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     | Jan        | Feb        | Mar        | Apr        | May       | Jun       | Jul        | Aug        | Sep       | Oct        | Nov        | Dec       | TOTAL       |
|------------------------|------------|------------|------------|------------|-----------|-----------|------------|------------|-----------|------------|------------|-----------|-------------|
|                        | 2018       |            |            |            |           |           |            |            |           |            |            | 2018      |             |
| Arboviral Disease      | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 1         | 0          | 0          | 0         | 1           |
| Blastomycosis          | 0          | 0          | 0          | 0          | 0         | 1         | 0          | 0          | 0         | 0          | 1          | 0         | 2           |
| Campylobacteriosis     | 2          | 2          | 1          | 5          | 3         | 10        | 7          | 13         | 2         | 3          | 6          | 3         | 57          |
| Chlamydia              | 54         | 43         | 79         | 59         | 54        | 41        | 63         | 66         | 46        | 66         | 61         | 50        | 682         |
| Cryptosporidiosis      | 0          | 0          | 1          | 0          | 0         | 3         | 4          | 5          | 2         | 1          | 0          | 0         | 16          |
| Cyclosporiasis         | 0          | 0          | 0          | 0          | 5         | 4         | 1          | 0          | 0         | 0          | 0          | 0         | 10          |
| Ehrlich/Anaplas        | 0          | 0          | 0          | 0          | 0         | 0         | 1          | 2          | 0         | 3          | 0          | 0         | 6           |
| Giardiasis             | 0          | 1          | 0          | 0          | 0         | 1         | 1          | 4          | 3         | 0          | 1          | 1         | 12          |
| Gonorrhea              | 11         | 6          | 10         | 8          | 5         | 8         | 7          | 15         | 10        | 14         | 7          | 8         | 109         |
| Haemoph Inf Inv        | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 1          | 1          | 0         | 2           |
| Hepatitis B            | 0          | 0          | 0          | 0          | 1         | 1         | 0          | 1          | 2         | 1          | 1          | 1         | 8           |
| Hepatitis C            | 12         | 2          | 10         | 4          | 10        | 2         | 9          | 7          | 8         | 4          | 5          | 4         | 77          |
| Influenza hosp         | 74         | 40         | 17         | 12         | 2         | 0         | 0          | 0          | 0         | 0          | 1          | 0         | 146         |
| Inv Strep A & B        | 2          | 3          | 3          | 1          | 3         | 1         | 2          | 1          | 3         | 3          | 3          | 1         | 26          |
| Kawasaki Disease       | 0          | 0          | 1          | 0          | 0         | 2         | 0          | 0          | 0         | 0          | 0          | 0         | 3           |
| Legionellosis          | 1          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 1         | 1          | 1          | 0         | 4           |
| Leptospirosis          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 1         | 0          | 0          | 0         | 1           |
| Lyme Disease           | 1          | 0          | 0          | 1          | 1         | 6         | 6          | 3          | 2         | 0          | 0          | 1         | 21          |
| Bact Meningitis        | 0          | 0          | 0          | 0          | 1         | 0         | 0          | 1          | 1         | 0          | 0          | 0         | 3           |
| Myco (Non-TB)          | 5          | 8          | 1          | 3          | 2         | 3         | 5          | 3          | 8         | 3          | 3          | 4         | 48          |
| Pathogenic E.coli      | 2          | 0          | 2          | 2          | 0         | 2         | 1          | 1          | 1         | 1          | 0          | 2         | 14          |
| Pertussis              | 1          | 0          | 2          | 2          | 1         | 1         | 0          | 0          | 0         | 1          | 1          | 3         | 12          |
| Rocky Mt Spotted Fever | 0          | 0          | 0          | 0          | 0         | 0         | 1          | 0          | 0         | 0          | 0          | 0         | 1           |
| Salmonellosis          | 5          | 0          | 2          | 3          | 3         | 2         | 3          | 4          | 0         | 3          | 2          | 0         | 27          |
| Shigellosis            | 0          | 0          | 0          | 0          | 0         | 1         | 0          | 0          | 0         | 0          | 0          | 0         | 1           |
| Strep, Other Invasive  | 2          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0          | 1          | 0         | 3           |
| Strep Pneumo Inv       | 0          | 2          | 0          | 2          | 1         | 0         | 1          | 0          | 1         | 0          | 1          | 1         | 9           |
| Syphilis               | 2          | 0          | 0          | 0          | 0         | 1         | 0          | 3          | 3         | 1          | 1          | 0         | 11          |
| Toxoplasmosis          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 1          | 0          | 0         | 1           |
| Tuberculosis (TB)      | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0          | 1          | 0         | 1           |
| TB, Latent (LTBI)      | 1          | 0          | 2          | 2          | 1         | 1         | 1          | 2          | 4         | 2          | 1          | 0         | 17          |
| Varicella              | 0          | 0          | 0          | 2          | 0         | 2         | 0          | 0          | 0         | 0          | 1          | 1         | 6           |
| Vibriosis              | 0          | 0          | 0          | 0          | 0         | 1         | 0          | 0          | 0         | 0          | 0          | 0         | 1           |
| Yersiniosis            | 0          | 0          | 0          | 1          | 0         | 0         | 1          | 0          | 0         | 0          | 1          | 1         | 4           |
| <b>TOTAL</b>           | <b>175</b> | <b>107</b> | <b>131</b> | <b>107</b> | <b>93</b> | <b>94</b> | <b>114</b> | <b>131</b> | <b>99</b> | <b>109</b> | <b>101</b> | <b>81</b> | <b>1342</b> |

Run Date 1/15/2019

This data does not include the City of Menasha.

# January 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.

## 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 1/5/19)

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

- Report: [Influenza-associated hospitalizations](#), [Influenza-associated pediatric deaths](#) and [Influenza A virus infection - novel subtypes only](#).
- CDC is reporting preliminary US case counts for the 2018-2019 influenza season (As of 1/5/19):
  - 6,150,000-7,280,000 people have flu symptoms
  - 2,920,000-3,510,000 people visited the doctor because of the flu
  - 69,300-83,500 people were hospitalized because of the flu
- In WI, the total reported influenza associated hospitalizations was 209 people. In Northeastern WI, influenza like illness activity level is below baseline.
- Please remind patients to get the flu vaccine and wash their hands to reduce the spread of influenza. For more resources, go to this [WI DHS Page](#).

## Local/National Update:

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

- As of November 30, 2018, there have been 583 cases (351 confirmed and 232 probable) of pertussis with onset 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.
- Please see [this page](#) for resources including the [Pertussis Investigation and Reporting Protocol](#) and [Case Report Form](#)
- Encourage patients to receive the pertussis vaccine to prevent spread. More information about recommendations for vaccination for pertussis is in [this CDC report](#).

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

- The Wisconsin Tuberculosis Program (WTBP) recommends an interferon gamma release assay (IGRA) also known as QuantiFERON or T-Spot rather than a tuberculin skin test (TST) in individuals 2 years or older.
  - Use this [flow chart](#) to evaluate a patient's TB risk factors and what tests should be performed if the first IGRA is positive.
- 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](#).

**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, long-term care/assisted living 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          | 2.34           | 1             | 0.59          | 1.02           |
| Babesiosis                | 1             | 0.59          | 1.19          | 2             | 1.18          | 1.52           |               |               |                |
| Blastomycosis             | 3             | 1.77          | 2.15          | 1             | 0.59          | 2.20           | 2             | 1.18          | 1.42           |
| Campylobacteriosis        | 41            | 24.13         | 28.57         | 40            | 23.55         | 30.30          | 64            | 37.67         | 27.60          |
| Chlamydia                 | 780           | 459.13        | 468.62        | 660           | 388.50        | 483.24         | 782           | 460.31        | 486.03         |
| Cryptosporidiosis         | 23            | 13.54         | 15.26         | 15            | 8.83          | 12.65          | 18            | 10.60         | 14.71          |
| Cyclosporiasis            |               |               |               |               |               |                | 11            | 6.47          | 5.35           |
| Ehrlich/Anaplas           | 4             | 2.35          | 12.22         | 14            | 8.24          | 14.73          | 10            | 5.89          | 8.69           |
| Giardiasis                | 19            | 11.18         | 14.31         | 14            | 8.24          | 12.27          | 13            | 7.65          | 11.56          |
| Gonorrhea                 | 104           | 61.22         | 113.33        | 104           | 61.22         | 133.33         | 125           | 73.58         | 136.80         |
| Hemolytic Uremic Syndrome | 1             | 0.59          | 0.12          |               |               |                |               |               |                |
| Haemoph Inf Inv           | 2             | 1.18          | 2.20          | 2             | 1.18          | 2.18           | 3             | 1.77          | 1.89           |
| Hepatitis A               |               |               |               | 1             | 0.59          | 0.28           |               |               |                |
| Hepatitis B               | 19            | 11.18         | 7.87          | 15            | 8.83          | 6.92           | 9             | 5.30          | 6.61           |
| Hepatitis C               | 128           | 75.34         | 67.92         | 70            | 41.20         | 53.11          | 95            | 55.92         | 44.47          |
| Histoplasmosis            |               |               |               | 2             | 1.18          | 0.45           |               |               |                |
| Influenza hosp            | 29            | 17.07         | 35.87         | 114           | 67.10         | 89.64          | 160           | 94.18         | 113.66         |
| Inv Strep A & B           | 26            | 15.30         | 13.03         | 30            | 17.66         | 14.22          | 28            | 16.48         | 15.30          |
| Kawasaki Disease          | 2             | 1.18          | 0.19          |               |               |                | 3             | 1.77          | 0.35           |
| Legionellosis             |               |               |               | 2             | 1.18          | 3.06           | 5             | 2.94          | 5.71           |
| Leptospirosis             |               |               |               |               |               |                | 1             | 0.59          | 0.10           |
| Lyme Disease              | 11            | 6.47          | 40.10         | 34            | 20.01         | 52.47          | 25            | 14.72         | 31.15          |
| Malaria                   | 4             | 2.35          | 0.36          | 1             | 0.59          | 0.17           |               |               |                |
| Bact Meningitis           | 3             | 1.77          | 0.97          |               |               |                | 4             | 2.35          | 1.66           |
| Myco (Non-TB)             | 54            | 31.79         | 18.91         | 67            | 39.44         | 21.39          | 52            | 30.61         | 18.97          |
| Pathogenic E.coli         | 7             | 4.12          | 4.85          | 10            | 5.89          | 7.01           | 24            | 14.13         | 23.90          |
| Pertussis                 | 105           | 61.81         | 25.13         | 19            | 11.18         | 13.20          | 13            | 7.65          | 11.73          |
| Rocky Mt Spotted Fever    | 1             | 0.59          | 0.33          | 1             | 0.59          | 0.40           | 1             | 0.59          | 0.48           |
| Salmonellosis             | 17            | 10.01         | 15.71         | 23            | 13.54         | 18.14          | 33            | 19.42         | 17.69          |
| Shigellosis               | 7             | 4.12          | 12.86         | 1             | 0.59          | 4.71           | 2             | 1.18          | 2.35           |
| Strep, Other Invasive     | 1             | 0.59          | 0.90          | 4             | 2.35          | 1.25           | 5             | 2.94          | 1.85           |
| Strep Pneumo Inv          | 11            | 6.47          | 7.32          | 8             | 4.71          | 8.58           | 14            | 8.24          | 8.89           |
| Syphilis                  | 16            | 9.42          | 8.81          | 14            | 8.24          | 11.53          | 15            | 8.83          | 9.29           |
| Toxoplasmosis             |               |               |               |               |               |                | 1             | 0.59          | 0.24           |
| Tuberculosis (TB)         | 1             | 0.59          | 0.85          | 1             | 0.59          | 0.85           | 1             | 0.59          | 0.78           |
| TB, Latent (LTBI)         | 50            | 29.43         | 14.28         | 32            | 18.84         | 12.94          | 21            | 12.36         | 13.74          |
| VRSA / VISA               |               |               |               | 1             | 0.59          | 0.10           | 1             | 0.59          | 0.17           |
| Varicella                 | 10            | 5.89          | 6.78          | 7             | 4.12          | 4.98           | 8             | 4.71          | 4.97           |
| Vibriosis                 |               |               |               | 2             | 1.18          | 0.55           | 2             | 1.18          | 0.52           |
| Yersiniosis               | 2             | 1.18          | 0.54          |               |               |                | 4             | 2.35          | 1.18           |
| <b>TOTAL</b>              | <b>1485</b>   | <b>874.12</b> | <b>943.34</b> | <b>1312</b>   | <b>772.28</b> | <b>1020.71</b> | <b>1556</b>   | <b>915.91</b> | <b>1030.82</b> |

Run Date 1/15/2019