



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department COVID-19 Data by School District Geographic Boundary

October 22, 2020

Summary

- Oshkosh-Neenah is listed by the [NY Times](#) as the #3 worst outbreak area in the Nation. Appleton and Sheboygan are in the top 5. This is NOT a short spike in new cases, we've been high on this list for multiple weeks in a row. We have sustained uncontrolled spread that is threatening all aspects of community life. Many schools remain closed due to the very high rates.
- All schools are advised to closely watch case numbers and with increasing case numbers are encouraged to go hybrid or virtual, whichever assures that students are kept at least six feet apart at all times. We also advise that all extracurricular activities that do not allow for six feet of separation at all times be suspended until case rates drop significantly.
- **Stay at Home.** There are thousands of people currently infected with COVID-19 in Winnebago County and thousands more that have been exposed and may develop the disease. Many do not know they are infected and others are knowingly breaking isolation and quarantine. **Assume that every public place you are in has a risk of exposure to you.** Wear a mask and keep your distance at all times in public, minimize your time in any indoor environment outside your home. Assume household members that are active outside of the home can infect you. Group gatherings and a lack of physical distancing in indoor spaces remain the most important contributors to the pandemic in this area.
- **Deaths are on the rise.** One-half of the 43 confirmed COVID-19 deaths in our jurisdiction have occurred in the past month.
- COVID-19 hospitalizations are at record levels across the state. In our region, **COVID-19 hospitalizations remain dangerously high** – almost twice as high as they were one month ago. As of 10/21/20, Fox Valley Area hospitals had 131 COVID-19 patients hospitalized, a decrease from the 150 hospitalized patients last week. [The Wisconsin State Fair Park Alternate Care Facility](#) was opened on Oct. 14 to start accepting overflow and had their first patient on October 21, 2020.
- The extraordinarily high rates of cases have caused school closings, business closings and are challenging available hospital capacity. **We need everyone to stay home when ill, wear a mask, and physically distance.**
- The number of new cases continues to increase and continues to exceed the ability of testing and case investigation to control the spread of illness. The number of cases in the first week of this 2-week timeframe was 1,018 and for this most recent week is 750.
- The confirmed case rate over the past 2 weeks for our jurisdiction is 1,149.9 cases per 100,000, a small decrease from the 1237.1 per 100,000 reported last week. The doubling time for our cases is 30.3 days. For all of Winnebago County, the case rate over the past 2 weeks is 1,357.6, and for the Fox Valley [HERC](#) region it is 1,351.9*, putting both at a **very high burden level**.
- Individuals aged 25-29 had the highest confirmed case rate of 1,648 per 100,000 over the past 2 weeks. Case rates among the 18-24 age group have declined across recent weeks.
- **Testing percent positivity is at 16.8%** for the past 2 weeks and far from our goal of remaining below 5% positivity. The [regional COVID-19 testing site](#) at Sunnyview Expo Center in Oshkosh has averaged performing 648 tests per day over the past 2 weeks. Regional testing capacity is increasing with additional National Guard sites open in other counties. If you have been tested, please stay home until you receive your test results and follow the guidance provided.
- **Contact tracing capacity has been overwhelmed.** Our goal is to reach out to all confirmed cases within 24-48 hours of being reported to the health department. Given the current surge in positive cases, our ability to do contact tracing has been strained. Only the highest risk close contacts are being contacted directly by public health – we are asking confirmed cases to reach out to all other close contacts themselves. This is despite our department having expanded our COVID-19 contact tracing staff to nearly 30 FTE.
- [Older adults and people with underlying medical conditions](#) are most at risk. If you have cancer, chronic kidney disease, COPD, obesity, serious heart conditions, sickle cell disease, or diabetes, you should take these warnings very seriously and take extra precautions to stay safe.

Background Information

This report provides *preliminary* data on the confirmed COVID-19 cases from October 7 – October 20, 2020 for school districts located within the Winnebago County Health Department (WCHD) jurisdiction. Dates utilized for all graphs and tables are based on test result date and may not represent final case counts. Data may be underreported for recent days because results can take multiple days to be reported to the health department. As this is a weekly report for the past 14 days, there will always be a week of overlap between reports.

Data by school district geographic boundary may differ from data provided by the respective school district. School district geographic boundaries are the geographic area from which children are **eligible** to attend a certain school district. Data by school district geographic boundary includes cases among all individuals that live within that boundary regardless of age or where they attend school. In this report, data for school age children (5-17) does not differentiate between where they actually attend school or if they are homeschooled.

For school district specific COVID-19 information:

- [Neenah Joint School District](#)
- [Omro School District](#)
- [Oshkosh Area School District](#)
- [Winneconne Community School District](#)

*The COVID-19 data provided in this report is specific to the Winnebago County Health Department (WCHD) jurisdiction (population: 153,748). It does not include the portions of the City of Menasha or City of Appleton that fall within Winnebago County as those areas fall within the jurisdiction of the [City of Menasha Health Department](#) and [City of Appleton Health Department](#). With the increased amount of testing occurring in correctional facilities, starting October 3, 2020, data reports from the Winnebago County Health Department will not include test results from those living in Wisconsin Department of Corrections facilities, which includes the Oshkosh Correctional Institute. You can find testing data for the Wisconsin Department of Corrections on [this website](#).

Data provided on the [Department of Health Services website](#) may be different than the information provided by WCHD because the state reports data for the entire county based on address, which includes those portions of Menasha and Appleton as well as the correctional facilities.

For additional Winnebago County Health Department COVID-19 information:

- [WCHD COVID-19 Webpage](#)
- [General Weekly Data Summaries](#)
- [Municipality Weekly Data Summaries](#)

Confirmed Cases by School District Geographic Boundary for the Past Two Weeks (October 7 – October 20)

There have been 1,661 new positive cases in the past two weeks within the geographic boundaries of the Neenah, Omro, Oshkosh, and Winneconne School Districts. An additional 107 cases were within the geographic boundaries of other school districts that only partially fall within our jurisdiction.

School District	Case Count for past 2 weeks	Case Rate (per 100,000)	Burden**	Population***
Neenah Joint School District Area	469	1,051.5	Very High	44,601
Omro School District Area	141	1,831.9	Very High	7,697
Oshkosh Area School District Area	904	1,124.3	Very High	80,408
Winneconne School District Area	147	1,515.3	Very High	9,701
Winnebago County Health Department Jurisdiction	1,768	1,149.9	Very High	154,379
Winnebago County	2,299	1,357.6	Very High	169,926
Wisconsin	43,989	760.9	Very High	

**Burden is based off of the case rate per 100,000 people in the past two weeks. To be consistent with the state's burden status categories, we have renamed our 'critical' category to be labelled 'very high'. See table below for more information on Burden Status for our county. Visit the DHS website for more information on this indicator

<https://www.dhs.wisconsin.gov/covid-19/local.htm>

***Population for school district was retrieved from <https://nces.ed.gov/programs/edge/TableViewer/acsProfile/2018>

Winnebago County Health Department Jurisdiction does not include the portions of the City of Menasha and the City of Appleton that fall within Winnebago County.

Burden Status	Case Rate per 100,000 residents in the past two weeks	Neenah SD Area	Omro SD Area	Oshkosh SD Area	Winneconne SD Area
Low	Case rate is less than or equal to 10.	Less than 4 cases.	Less than 1 case.	Less than 8 cases.	Less than 1 case.
Moderate	Case rate is greater than 10, but less than or equal to 50.	Greater than 4 cases, but less than or equal to 22 cases.	Greater than 1 case, but less than or equal to 4 cases.	Greater than 8 cases, but less than or equal to 40 cases.	Greater than 1 case, but less than or equal to 5 cases.
Moderately High	Case rate is greater than 50, but less than or equal to 100.	Greater than 22 cases, but less than or equal to 45 cases.	Greater than 4 cases, but less than or equal to 8 cases.	Greater than 40 cases, but less than or equal to 80 cases.	Greater than 5 cases, but less than or equal to 10 cases.
High	Case rate is greater than 100, but less than or equal to 350.	Greater than 45 cases, but less than or equal to 156 cases.	Greater than 8 cases, but less than or equal to 27 cases.	Greater than 80 cases, but less than or equal to 282 cases.	Greater than 10 cases, but less than or equal to 34 cases.
Very High	Case rate is greater than 350.	Greater than 156 cases.	Greater than 27 cases.	Greater than 282 cases.	Greater than 34 cases.

Number of cases for each Burden Status refers to the number of cases during a two-week time span.

To be consistent with the state's burden status categories, we have renamed our 'critical' category to be labelled 'very high'.

Number of Confirmed Cases and Rate per 100,000 People by School District Geographic Boundary in the Past Two Weeks (October 7 – October 20)

The highlighted cells for Neenah and Oshkosh School District Geographic Boundaries are colors associated with the burden status. Please see the table above for more information on burden status. This information is not provided for Omro and Winneconne School District Geographic Boundaries due to the small population size.

	Neenah SD Area		Omro SD Area		Oshkosh SD Area		Winneconne SD Area	
Age Group	# of cases	Rate per 100,000	# of cases	Rate per 100,000	# of cases	Rate per 100,000	# of cases	Rate per 100,000
<5	3	107.4	1	366.3	3	72.8	2	465.1
5-9	6	216.7	8	1,487.0	10	249.2	6	1,222.0
10-14	12	368.0	7	1,080.2	16	410.8	4	610.7
15-17	36	2,100.4	2	491.4	17	640.5	7	2,034.9
18-19	13	1,653.9	3	1,507.5	25	695.4	4	2,352.9
20-24	31	1,309.7	10	2,762.4	89	873.2	9	2,261.3
25-34	83	1,445.0	23	2,998.7	186	1,657.5	23	2,631.6
35-44	66	1,159.7	24	2,494.8	140	1,519.9	15	1,489.6
45-54	89	1,492.8	21	1,878.4	147	1,388.0	25	1,572.3
55-64	69	993.2	23	2,339.8	142	1,534.6	35	1,945.5
65-74	34	849.2	8	834.2	78	1,365.8	15	1,281.0
75-84	17	883.1	8	2,597.4	40	965.5	2	369.7
85+	10	1,569.9	3	1,734.1	11	608.1	0	0.0

Rate is determined by # of new confirmed cases during the past two weeks divided by population in the school district geographic boundary multiplied by 100,000. Rates can fluctuate greatly with small population sizes like Omro and Winneconne making it difficult to call out high rates. **Small population data may be more effectively looked at in a trend wise fashion.**

Age Group Trended Over Time

The tables below show the biweekly confirmed cases counts by school district geographic boundary across the past 3 months.

The graphs on the following pages show how case rates by age group have changed over time for Oshkosh and Neenah School District boundaries. The first graph on each page shows the biweekly confirmed case rates per 100,000 residents. The second graph shows the cumulative confirmed case rates. Cumulative case rates will always trend upward, it is the rate of increase in that trend that helps us understand what populations are being impacted the most. Omro and Winneconne do not have similar graphs due to small population size and small confirmed case counts in these geographic areas.

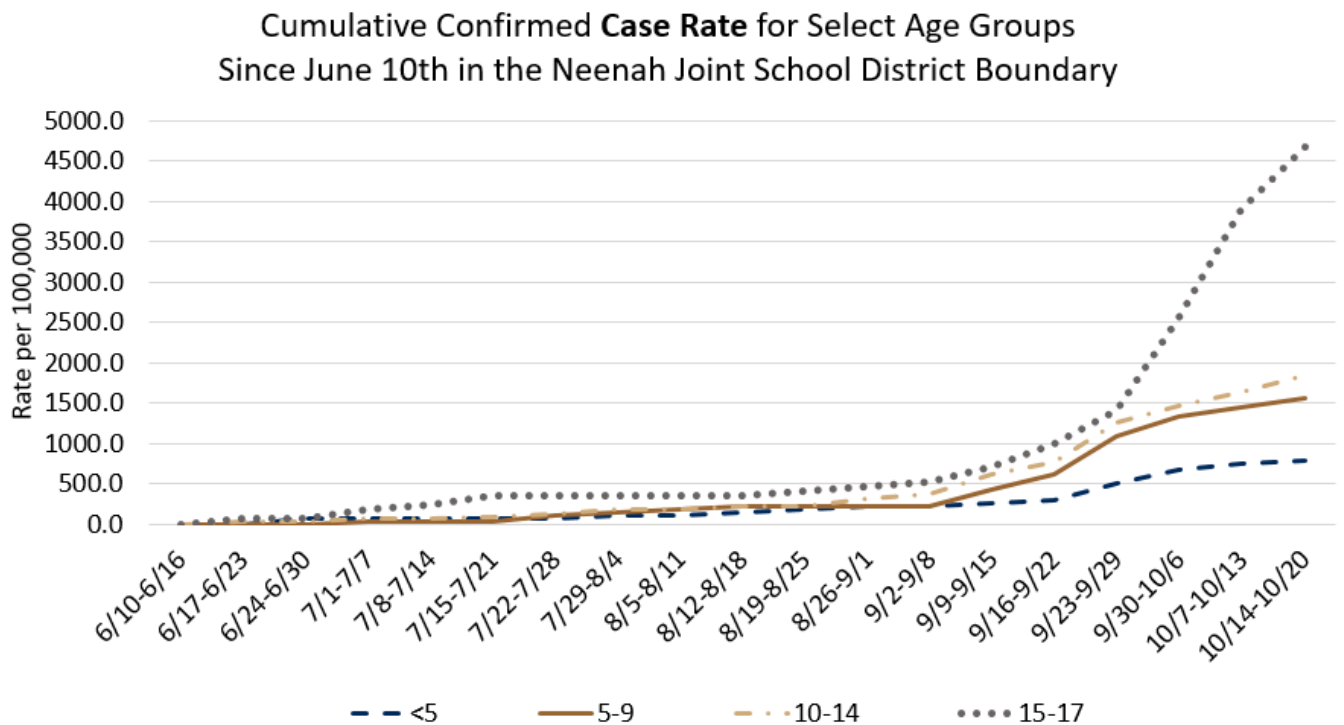
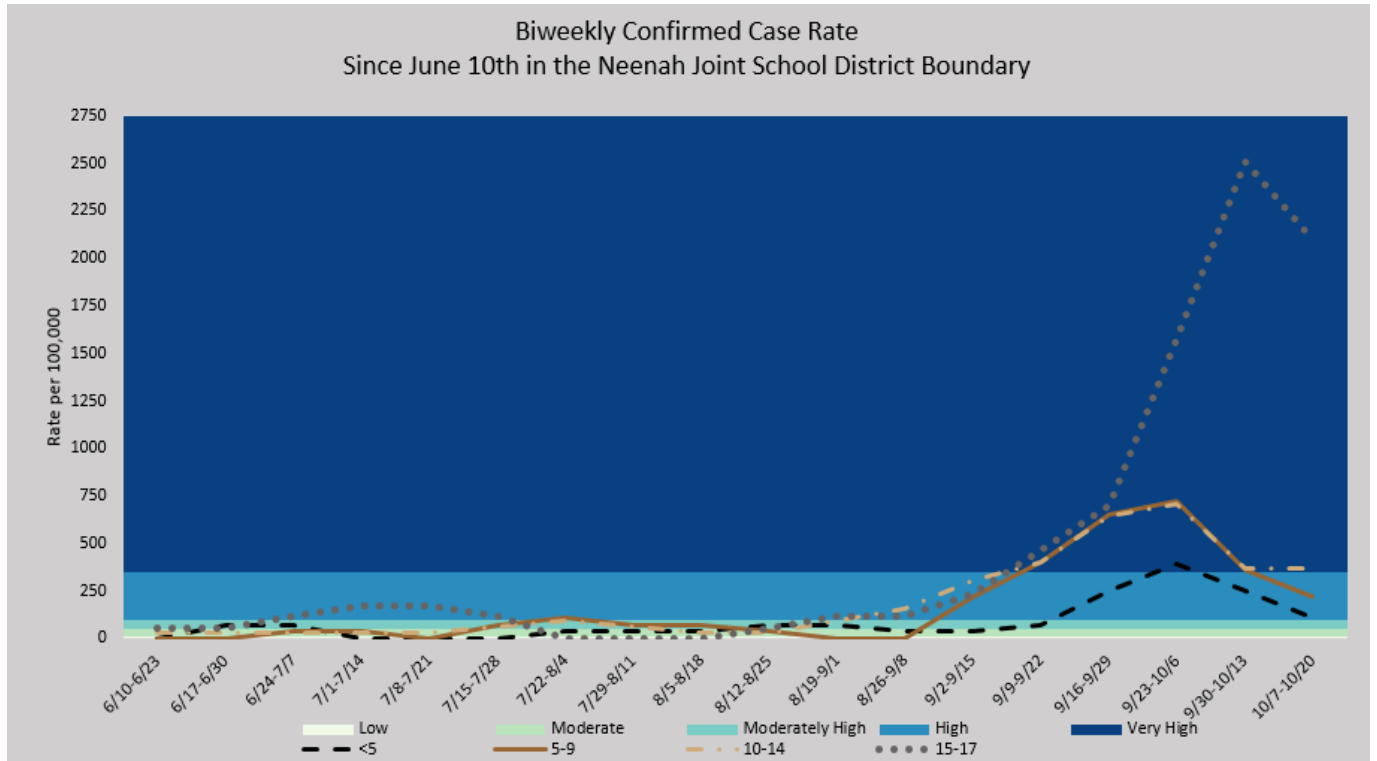
OMRO SCHOOL DISTRICT AREA				
Biweekly Confirmed Case Counts for Select Age Groups in the Omro School District Boundary				
Week	<5	5-9	10-14	15-17
7/22-8/4	0	0	0	0
7/29-8/11	0	0	0	0
8/5-8/18	0	0	0	0
8/12-8/25	0	0	0	0
8/19-9/1	0	0	0	0
8/26-9/8	0	0	0	0
9/2-9/15	0	0	0	0
9/9-9/22	1	3	3	0
9/16-9/29	2	3	6	2
9/23-10/6	2	0	5	4
9/30-10/13	1	5	3	4
10/7-10/20	1	8	7	2

WINNECONNE COMMUNITY SCHOOL DISTRICT AREA				
Biweekly Confirmed Case Counts for Select Age Groups in the Winneconne School District Boundary				
Week	<5	5-9	10-14	15-17
7/22-8/4	0	0	0	1
7/29-8/11	0	0	0	1
8/5-8/18	0	0	1	0
8/12-8/25	0	0	1	0
8/19-9/1	0	0	0	0
8/26-9/8	0	0	0	0
9/2-9/15	0	0	0	0
9/9-9/22	1	0	0	1
9/16-9/29	1	1	1	3
9/23-10/6	0	2	2	5
9/30-10/13	2	4	4	7
10/7-10/20	2	6	4	7

OSHKOSH AREA SCHOOL DISTRICT AREA				
Biweekly Confirmed Case Counts for Select Age Groups in the Oshkosh School District Boundary				
Week	<5	5-9	10-14	15-17
7/22-8/4	2	3	2	0
7/29-8/11	1	4	1	2
8/5-8/18	0	4	0	4
8/12-8/25	0	2	2	2
8/19-9/1	0	1	4	1
8/26-9/8	0	2	2	2
9/2-9/15	1	1	4	6
9/9-9/22	3	4	8	12
9/16-9/29	6	9	12	20
9/23-10/6	7	11	18	23
9/30-10/13	3	13	21	18
10/7-10/20	3	10	16	17

NEENAH JOINT SCHOOL DISTRICT AREA				
Biweekly Confirmed Case Counts for Select Age Groups in the Neenah School District Boundary				
Week	<5	5-9	10-14	15-17
7/22-8/4	1	3	3	0
7/29-8/11	1	2	2	0
8/5-8/18	1	2	1	0
8/12-8/25	2	1	1	1
8/19-9/1	2	0	3	2
8/26-9/8	1	0	5	2
9/2-9/15	1	6	10	4
9/9-9/22	2	11	13	8
9/16-9/29	7	18	21	12
9/23-10/6	11	20	23	27
9/30-10/13	7	10	12	43
10/7-10/20	3	6	12	36

NEENAH JOINT SCHOOL DISTRICT GEOGRAPHIC BOUNDARY



OSHKOSH AREA SCHOOL DISTRICT GEOGRAPHIC BOUNDARY

