



**Public Health**  
Prevent. Promote. Protect.

**Winnebago County  
Health Department**

# Winnebago County Health Department School District Weekly COVID Data Summary

October 1, 2020

## Summary

- Oshkosh-Neenah is now listed by the [NY Times](#) as the #1 worst outbreak area in the Nation. Appleton and Green Bay are in the top 5. We have uncontrolled spread that is threatening all aspects of community life. Reliance on voluntary compliance to slow the spread of disease has, to date, failed.
- All schools are advised 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 don't 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 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 that household members that are active outside of the home can infect you.
- COVID-19 hospitalizations are at record levels across the state. In our region, **COVID-19 hospitalizations are at the highest level to date** - more than 5 times as high as they were one month ago. As of 9/30/20, **Fox Valley Area hospitals had 112 COVID-19 patients hospitalized**, an increase from the 81 hospitalized patients last week with 14 of those patients in the ICU. Hospitals are pushing 90% capacity. Without a change in community behavior hospitals will be overwhelmed in the next several weeks or less.
- 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, mask, and physically distance.**
- The number of new cases continues to accelerate upwards and **has exceeded 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 801 and for this most recent week is 965. We had almost twice as many confirmed cases reported in just one month (2405 cases in Sept) than we had across 6 months (1354 cases in Mar-Aug).
- The confirmed case rate over the past 2 weeks for our jurisdiction is 1143.9 cases per 100,000, a 53% increase from the 748.8 per 100,000 reported last week, and the **highest biweekly case rate for our jurisdiction to date.** The doubling time for our cases is **15 days**. For all of Winnebago County, the case rate over the past 2 weeks is 1161.0, and for the Fox Valley [HERC](#) region it is 1035.6\*, putting both at a **very high burden level**.
- Individuals aged 18-24 had the highest confirmed case rate of 2,538 per 100,000 over the past 2 weeks. This means over 2.5% of the total estimated 18- to 24-year-old population tested positive, and this is likely a significant underestimate of the true percent of this age group currently infected. Well over 5% of this population has confirmed positive to date and true rate of infection is likely multiple times higher.
- **Testing percent positivity is at 14.9%** for the past 2 weeks, which is up from 13.7% last week and trending farther away from our goal of remaining below 5% positivity. The [regional COVID-19 testing site](#) at Sunnyview Expo Center in Oshkosh is now running at over 750 tests per day.
- **Contact tracing capacity has been overwhelmed.** Our goal is to reach out to all confirmed cases within 24 hours of being reported to the health department, but due to the current surge in cases we are days behind this goal. Additionally, 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.
- [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 September 16 – September 29, 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.

\*The COVID-19 data provided in this report is specific to the WCHD jurisdiction (population: 154,379). 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](#).

**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 for the Past Two Weeks (September 16 – September 29)

There have been 1669 new positive cases in the past two weeks within the geographic boundaries of the Neenah, Omro, Oshkosh, and Winneconne School Districts. An additional 97 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	431	966.3	Very High	44,601
Omro School District	110	1429.1	Very High	7,697
Oshkosh Area School District	1007	1252.4	Very High	80,408
Winneconne School District	121	1247.3	Very High	9,701
Winnebago County Health Department Jurisdiction	1766	1143.9	Very High	154,379
Winnebago County	1,966	1,161.0	Very High	169,926
Wisconsin	29,562	511.4	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	Omro SD	Oshkosh SD	Winneconne SD
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 (September 16 – September 29)

The highlighted cells for Neenah and Oshkosh School Districts 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 Districts due to the small population size.

	Neenah SD		Omro SD		Oshkosh SD		Winneconne SD	
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	7	250.5	2	732.6	6	145.7	1	232.6
5-9	18	650.1	3	557.6	9	224.3	1	203.7
10-14	21	644.0	6	925.9	11	282.4	1	152.7
15-17	12	700.1	2	491.4	19	715.9	1	290.7
18-19	16	2035.6	2	1005.0	103	2865.1	4	2352.9
20-24	43	1816.6	2	552.5	285	2796.3	11	2763.8
25-34	78	1357.9	13	1694.9	174	1550.5	13	1487.4
35-44	68	1194.9	16	1663.2	106	1150.8	18	1787.5
45-54	68	1140.6	22	1967.8	106	1000.8	17	1069.2
55-64	76	1094.0	26	2645.0	98	1059.1	35	1945.5
65-74	15	374.6	11	1147.0	52	910.5	12	1024.8
75-84	7	363.6	3	974.0	22	531.0	7	1293.9
85+	2	314.0	2	1156.1	16	884.5	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.

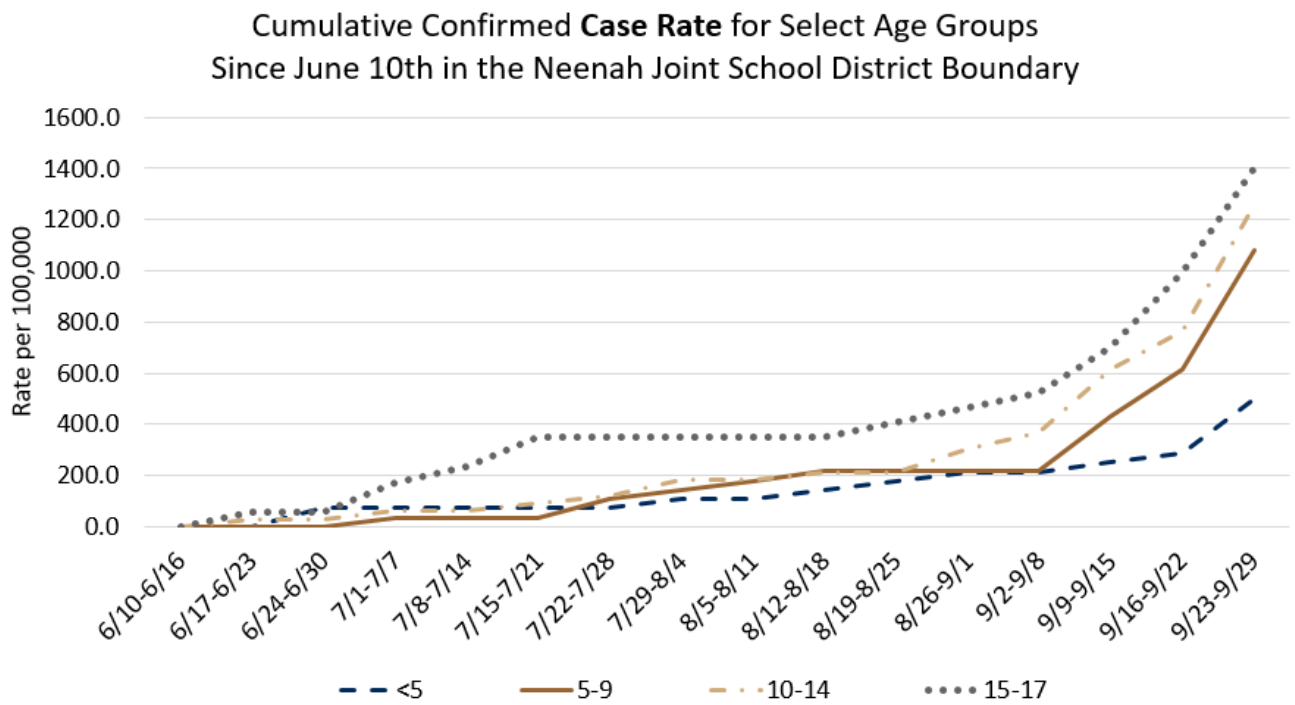
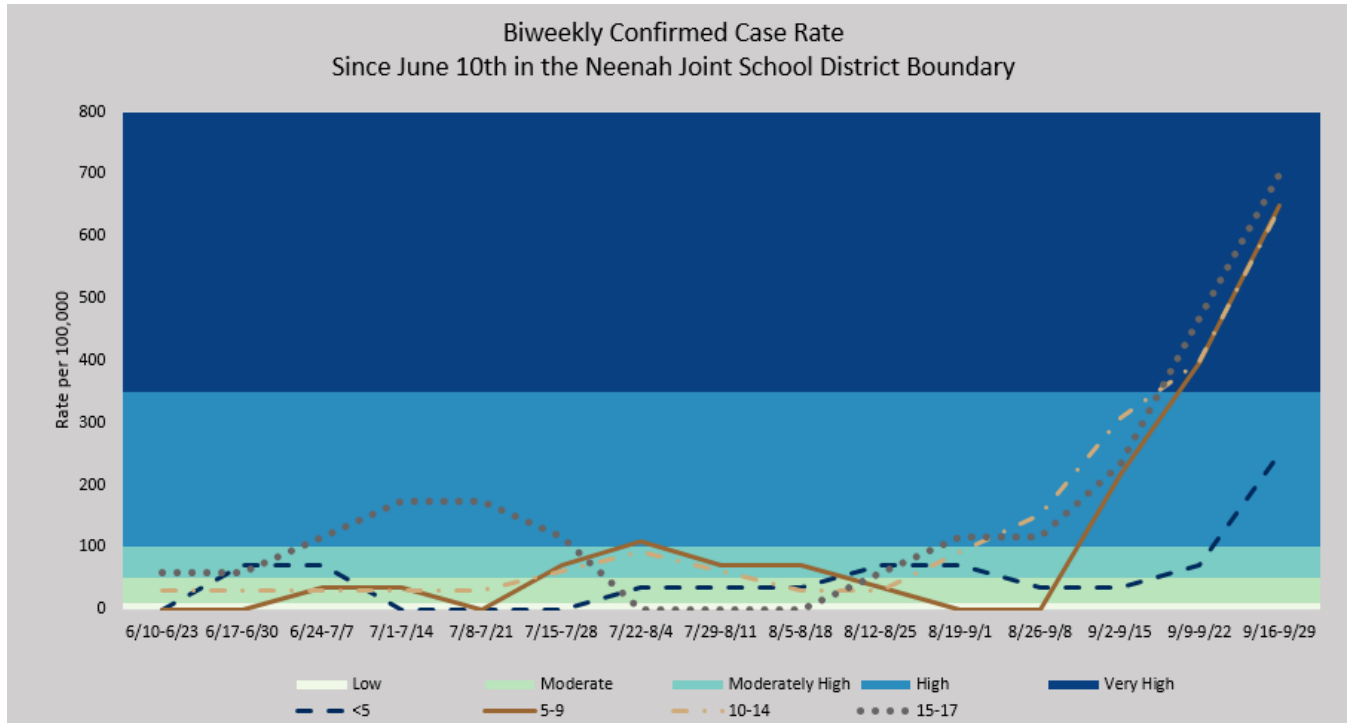
OMRO SCHOOL DISTRICT				
Biweekly Confirmed Case Counts for Select Age Groups in the Omro School District Boundary				
Week	<5	5-9	10-14	15-17
7/1-7/14	0	0	0	0
7/8-7/21	0	0	0	1
7/15-7/28	0	0	0	1
7/22-8/4	0	0	0	0
7/29-8/11	0	0	0	0
8/5-8/18	0	0	0	0
8/12-8/25	0	0	0	0
8/19-9/1	0	0	0	0
8/26-9/8	0	0	0	0
9/2-9/15	0	0	0	0
9/9-9/22	1	3	3	0
9/16-9/29	2	3	6	2

WINNECONNE COMMUNITY SCHOOL DISTRICT				
Biweekly Confirmed Case Counts for Select Age Groups in the Winneconne School District Boundary				
Week	<5	5-9	10-14	15-17
7/1-7/14	1	0	0	1
7/8-7/21	1	1	0	1
7/15-7/28	0	1	0	0
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	1

OSHKOSH AREA SCHOOL DISTRICT				
Biweekly Confirmed Case Counts for Select Age Groups in the Oshkosh School District Boundary				
Week	<5	5-9	10-14	15-17
7/1-7/14	0	2	0	1
7/8-7/21	0	1	1	3
7/15-7/28	1	1	2	2
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	11	19

NEENAH JOINT SCHOOL DISTRICT				
Biweekly Confirmed Case Counts for Select Age Groups in the Neenah School District Boundary				
Week	<5	5-9	10-14	15-17
7/1-7/14	0	1	1	3
7/8-7/21	0	0	1	3
7/15-7/28	0	2	2	2
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

## NEENAH JOINT SCHOOL DISTRICT



## OSHKOSH AREA SCHOOL DISTRICT

