



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

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

December 17, 2020

Summary

- A small amount of [vaccine](#) arrives this week and is prioritized for healthcare workers who work in the highest risk care areas. More vaccine is expected to arrive late December for staff and residents in skilled nursing facilities.
- **Stay at home.** If you are over 65 or have significant health conditions, avoid indoor public spaces where anyone is unmasked due to the immediate risk to your health. Whenever possible, have your groceries and medications delivered. If you develop any symptoms, get tested immediately as the majority of therapeutics work best early in infection. If you are under 40, it is possible you may be infectious to others when you do not have symptoms or your symptoms are mild. Avoid gathering with anyone outside your home, especially those at [increased risk for severe disease](#), and get tested after a known or potential exposure to the virus or if you have any symptoms, even if they are mild.
- We are seeing a decrease in cases and overall testing numbers in recent weeks. **Our burden still remains very high.** Please continue to look at the weekly trends to best assess current case activity. With the increase in antigen testing, it is important to look at the total confirmed plus probable case numbers to understand the current burden. Positive antigen results are considered a probable case.
- Safely support local businesses. Use local curbside pickup and delivery to help support local service industries. When you seek goods and services, support businesses that engage in precautionary measures to keep our communities safe. If a business is not following safe practices, consider speaking with management or reporting your concern to the health department through this [form](#).
- **Deaths continue to rise.** Nearly half (49%) of the 132 confirmed COVID-19 deaths in our jurisdiction have occurred in the past 6 weeks.
- The ability for hospitals to care for all patients is strained as COVID-19 hospitalizations remain high and healthcare facilities experience staffing shortage. As of 12/16/20, Fox Valley area hospitals had 81 COVID-19 patients hospitalized, a decrease from the 89 patients last week. [The Wisconsin State Fair Park Alternate Care Facility](#) currently has 4 patients.
- The confirmed + probable case rate over the past 2 weeks for our jurisdiction is 759.7 cases per 100,000 people, a decrease from the 808.5 cases per 100,000 last week. The number of cases (confirmed/probable) in the first week of this 2-week timeframe was 533/183 and for this most recent week is 321/131. Cases are distributed throughout all jurisdictions and adult age groups. Individuals aged 25-29 and 30-39 had the highest confirmed case rates of 858.7 and 850.0 per 100,000 over the past 2 weeks. Rates are lowest in those under 18 (384.8 per 100,000).
- Over this past week, 10.6% of PCR tests in Wisconsin were positive and 7.1% of PCR tests across all of Winnebago County were positive, which is still above our goal of remaining below 5% positivity. Many people with symptoms are only receiving antigen tests, which are excluded from our percent positivity calculation, leading to artificially lower percentages.
- Over the past two weeks, an average of 737 PCR tests were conducted each day among residents within the Winnebago County Health Department jurisdiction. The [regional COVID-19 testing site](#) at Sunnyview Expo Center in Oshkosh has averaged 226 PCR tests per day over the past 2 weeks. If you have been tested, please stay home until you receive your test results and follow the guidance provided.
- **Contact tracing capacity has expanded this week due to increased staff capacity.** We continue to ask for the community's help with notification of [close contacts](#). Early notification and [quarantine](#) of exposed individuals is an important tool in limiting spread of COVID-19. View our website for updated [testing information](#).

Background Information

This report provides *preliminary* data on the confirmed COVID-19 cases from December 2 – December 15, 2020. A person is counted as a **confirmed COVID-19 case** if they had a **positive confirmatory laboratory test (for example, polymerase chain reaction (PCR) tests or nucleic acid amplification tests (NAT) that detect genetic material of SARS-CoV-2, the virus that causes COVID-19)**. Antigen positive tests are counted as **probable** cases and are not currently included in the case count rates and graphs in this report.

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. This means the number of tests and percent positivity may change in next week's report. 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 (December 2 – December 15)

There have been 815 new positive cases in the past two weeks within the geographic boundaries of the Neenah, Omro, Oshkosh, and Winneconne School Districts. An additional 39 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	285	639.0	Very High	44,601
Omro School District Area	40	519.7	Very High	7,697
Oshkosh Area School District Area	437	543.5	Very High	80,408
Winneconne School District Area	53	546.3	Very High	9,701
Winnebago County Health Department Jurisdiction	854	555.5	Very High	153,748
Winnebago County	1,067	630.1	Very High	169,926
Wisconsin	49,726	860.2	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 281 cases.	Greater than 10 cases, but less than or equal to 34 cases.
Very High	Case rate is greater than 350, but less than or equal to 1000.	Greater than 156 cases, but less than or equal to 446 cases.	Greater than 27 cases, but less than or equal to 77 cases.	Greater than 281 cases, but less than or equal to 804 cases.	Greater than 34 cases, but less than or equal to 97 cases.
Critically High	Case rate is greater than 1000.	Greater than 446 cases.	Greater than 77 cases.	Greater than 804 cases.	Greater than 97 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 (December 2 – December 15)

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.

Age Group	Neenah SD Area		Omro SD Area		Oshkosh SD Area		Winneconne SD Area	
	# 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	11	393.7	0	0.0	5	121.4	2	465.1
5-9	16	577.8	4	743.5	17	423.6	6	1,222.0
10-14	7	214.7	4	617.3	13	333.8	0	0.0
15-17	5	291.7	3	737.1	17	640.5	5	1,453.5
18-19	4	508.9	0	0.0	10	278.2	2	1,176.5
20-24	23	971.7	1	276.2	50	490.6	1	251.3
25-34	49	853.1	8	1,043.0	97	864.4	6	686.5
35-44	50	878.6	8	831.6	60	651.4	6	595.8
45-54	37	620.6	2	178.9	43	406.0	5	314.5
55-64	33	475.0	4	406.9	54	583.6	9	500.3
65-74	27	674.3	4	417.1	34	595.3	7	597.8
75-84	11	571.4	2	649.4	21	506.9	2	369.7
85+	12	1,883.8	0	0.0	16	884.5	2	865.8

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.

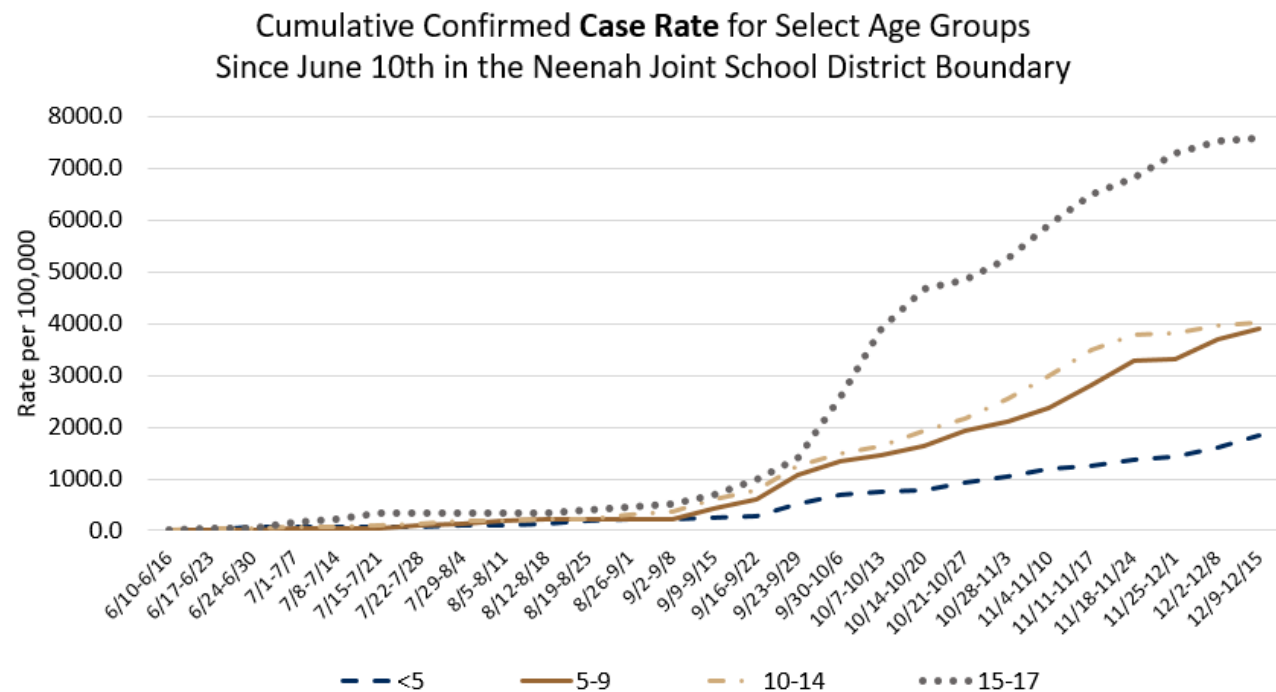
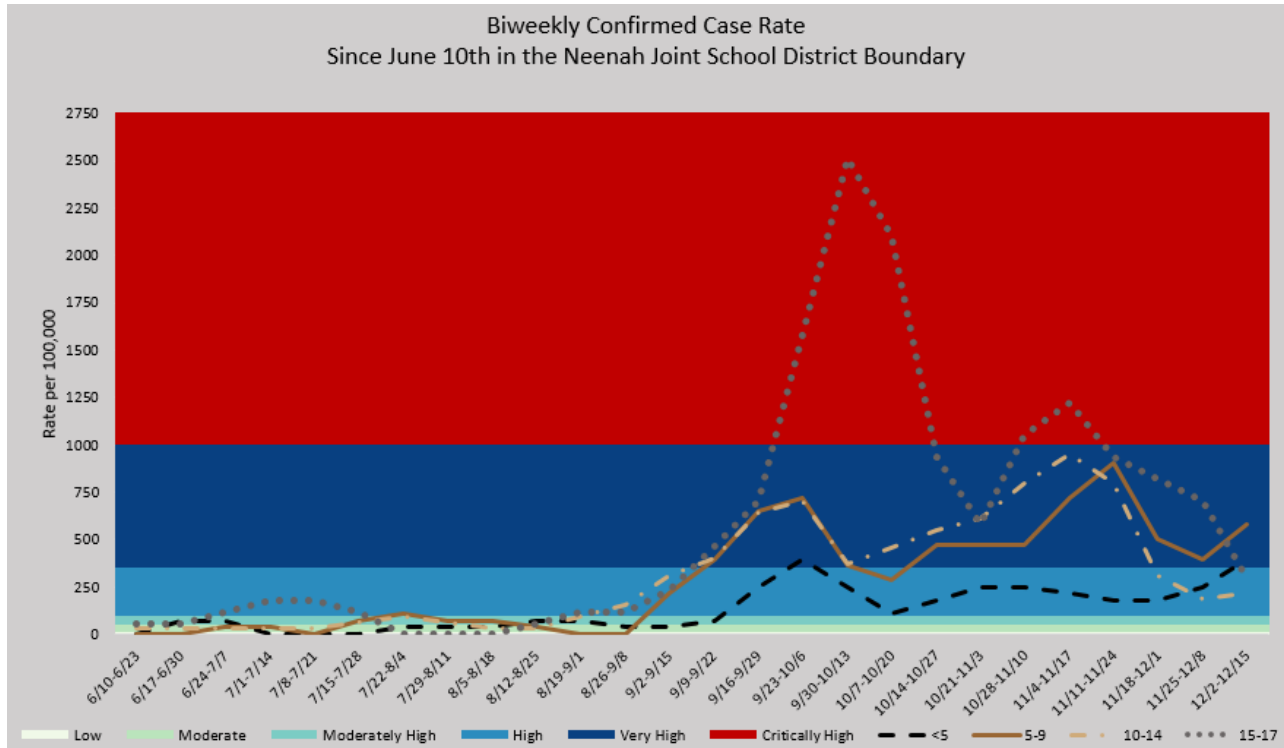
OMRO SCHOOL DISTRICT AREA				
Biweekly Confirmed Case Counts for Select Age Groups in the Omro School District Boundary				
Week	<5	5-9	10-14	15-17
9/16-9/29	2	3	6	2
9/23-10/6	2	0	5	4
9/30-10/13	1	5	3	4
10/7-10/20	1	8	7	2
10/14-10/27	1	5	9	1
10/21-11/3	0	5	9	4
10/28-11/10	1	3	8	4
11/4-11/17	1	1	2	3
11/11-11/24	0	2	1	2
11/18-12/1	1	1	1	3
11/25-12/8	1	1	2	6
12/2-12/15	0	4	4	3

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
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	5	7
10/14-10/27	0	4	5	7
10/21-11/3	0	1	4	6
10/28-11/10	0	1	4	2
11/4-11/17	0	1	8	4
11/11-11/24	2	2	8	4
11/18-12/1	2	2	4	1
11/25-12/8	1	4	1	2
12/2-12/15	2	6	0	5

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
9/16-9/29	6	9	12	20
9/23-10/6	7	10	18	23
9/30-10/13	3	12	21	18
10/7-10/20	3	11	17	18
10/14-10/27	11	13	19	15
10/21-11/3	12	13	23	15
10/28-11/10	10	12	26	24
11/4-11/17	12	17	33	22
11/11-11/24	11	15	27	18
11/18-12/1	8	11	17	19
11/25-12/8	5	11	13	23
12/2-12/15	5	17	13	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
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	8	15	36
10/14-10/27	5	13	18	16
10/21-11/3	7	13	20	10
10/28-11/10	7	13	26	18
11/4-11/17	6	20	31	21
11/11-11/24	5	25	26	16
11/18-12/1	5	14	10	14
11/25-12/8	7	11	6	12
12/2-12/15	11	16	7	5

NEENAH JOINT SCHOOL DISTRICT GEOGRAPHIC BOUNDARY



OSHKOSH AREA SCHOOL DISTRICT GEOGRAPHIC BOUNDARY

