



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department Municipalities Weekly COVID Data Summary

September 17, 2020

Summary

- There is now **significant uncontrolled spread** of COVID-19 in Winnebago County and the Fox Valley area due to a lack of community participation in physical distancing, mask wearing, and disregard for quarantine and isolation recommendations. The uncontrolled spread of cases is threatening the schools' ability to remain open for in-person education and employers' ability to keep a healthy workforce, and it is rapidly increasing the burden of our area hospitals and healthcare workforce. The rapid acceleration of cases is largely being driven by the young adult population with spread to other age groups in household, workplace and educational settings. Cases are likely to continue to surge over the coming weeks and will further compromise any ability to slow the spread.
- The current burden of confirmed COVID-19 cases is high and the activity level is high. **Numbers of new cases continue to accelerate upward and are exceeding 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 140 and for this most recent week is 374 - **a 167% increase in cases in one week.**
- The confirmed case rate over the past 2 weeks for our jurisdiction is 332.9 cases per 100,000, a **78% increase** from the 186.6 per 100,000 reported last week, and the highest biweekly case rate for our jurisdiction to date. For all of Winnebago County, the case rate over the past 2 weeks is 353.7, and for the Fox Valley HERC region it is 409.3*, putting both at a **critical burden level.**
- Individuals aged 20-29 had the highest confirmed case rate of 707.9 per 100,000 over the past 2 weeks.
- **Testing percent positivity is at 9%** for the past 2 weeks, which is up from 6% last week and trending farther away from our goal of remaining below 5% positivity. High positivity indicates that more testing capacity is needed. A [regional COVID-19 testing site](#) opened on September 1 at Sunnyview Expo Center in Oshkosh and is running beyond planned capacity of 500 tests per day. This additional testing is still not enough at this time and more community testing capacity is needed.
- COVID-19 hospitalizations in our region are at the highest level to date and have **quadrupled** since the end of August. As of September 16, there were 60 COVID-19 patients hospitalized in the Fox Valley area, an increase from the 36 hospitalized patients last week, with 6 of those patients in the ICU.
- **Contact tracing capacity is significantly strained.** All confirmed cases are reached out to within 24 hours of being reported to the health department, but 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.
- Eight Wisconsin cities are in the [New York Times top 20 list](#) of metro areas where cases are rising the fastest in the United States, and **the Oshkosh-Neenah area is ranked #8.**
- **Municipalities are encouraged to pass ordinances to require masking, limit gatherings and limit occupancy in bars and restaurants.**
- To prevent more harm, our community must cease unnecessary travel, avoid gathering with people outside your household, physically distance at all times, wear a mask when not at home or when in the presence of non-household persons, stay home when ill, heed isolation and quarantine guidance, get tested when recommended and continue frequent handwashing. Evidence has shown that people are most likely to test positive after spending time in crowded areas such as bars, indoor restaurants, and gatherings like parties, weddings, funerals, etc.

Background Information

This report provides *preliminary* data on the confirmed COVID-19 cases from September 2 – September 15, 2020 for municipalities located within the Winnebago County Health Department 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 Winnebago County Health Department (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](#). Data provided on the [Department of Health Services website](#) may differ than the information provided by WCHD because the state reports data for the entire county, which includes those portions of Menasha and Appleton.

For additional Winnebago County Health Department COVID-19 information:

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

Confirmed Cases by Municipality for the Past Two Weeks (September 2 – September 15)

Municipality	Confirmed Case Count for past 2 weeks	Case Rate (per 100,000)	Burden**	Population***
City of Oshkosh	273	406.2	Critical	67,201
City of Neenah	72	272.4	High	26,436
Village of Fox Crossing	48	251.5	High	19,084
City of Omro	8	224.3	<p><i>The populations in these municipalities are too small to provide burden status. Case rates fluctuate greatly with small population sizes. Interpret with caution, rely more on case counts and trend of case counts over time to estimate risks.</i></p> <p><i>Data is suppressed for municipalities with fewer than five confirmed cases in the past two weeks. See Case Rate by region graph on page 4.</i></p>	3,566
Town of Algoma	20	289.5		6,908
Town of Black Wolf	5	203.9		2,452
Town of Clayton	10	238.9		4,186
Town of Neenah	14	386.8		3,619
Town of Nekimi	Less than 5 cases			1,427
Town of Nepeuskun	Less than 5 cases			745
Town of Omro	7	301.2		2,324
Town of Oshkosh	Less than 5 cases			2,479
Town of Poygan	7	528.7		1,324
Town of Rushford	Less than 5 cases			1,603
Town of Utica	Less than 5 cases			1,339
Town of Vinland	Less than 5 cases			1,746
Town of Winchester	10	549.8		1,819
Town of Winneconne	11	452.9		2,429
Town of Wolf River	Less than 5 cases			1,198
Village of Winneconne	9	360.9		2,494
Rural Regions****				
Central	35	323.7	High	10,813
Northeast	27	282.7	High	9,551
Southeast	31	233.7	High	13,266
West	28	348.8	High	8,028
Winnebago County Health Department Jurisdiction	514	332.9	High	154,379
Winnebago County	599	353.7	Critical +	169,926
Wisconsin	15,585	269.6	High	

**Burden is based off of the case rate per 100,000 people in the past two weeks. See table on page 3 for more information on Burden Status for our county. Visit the DHS website for more information on this indicator at the state level

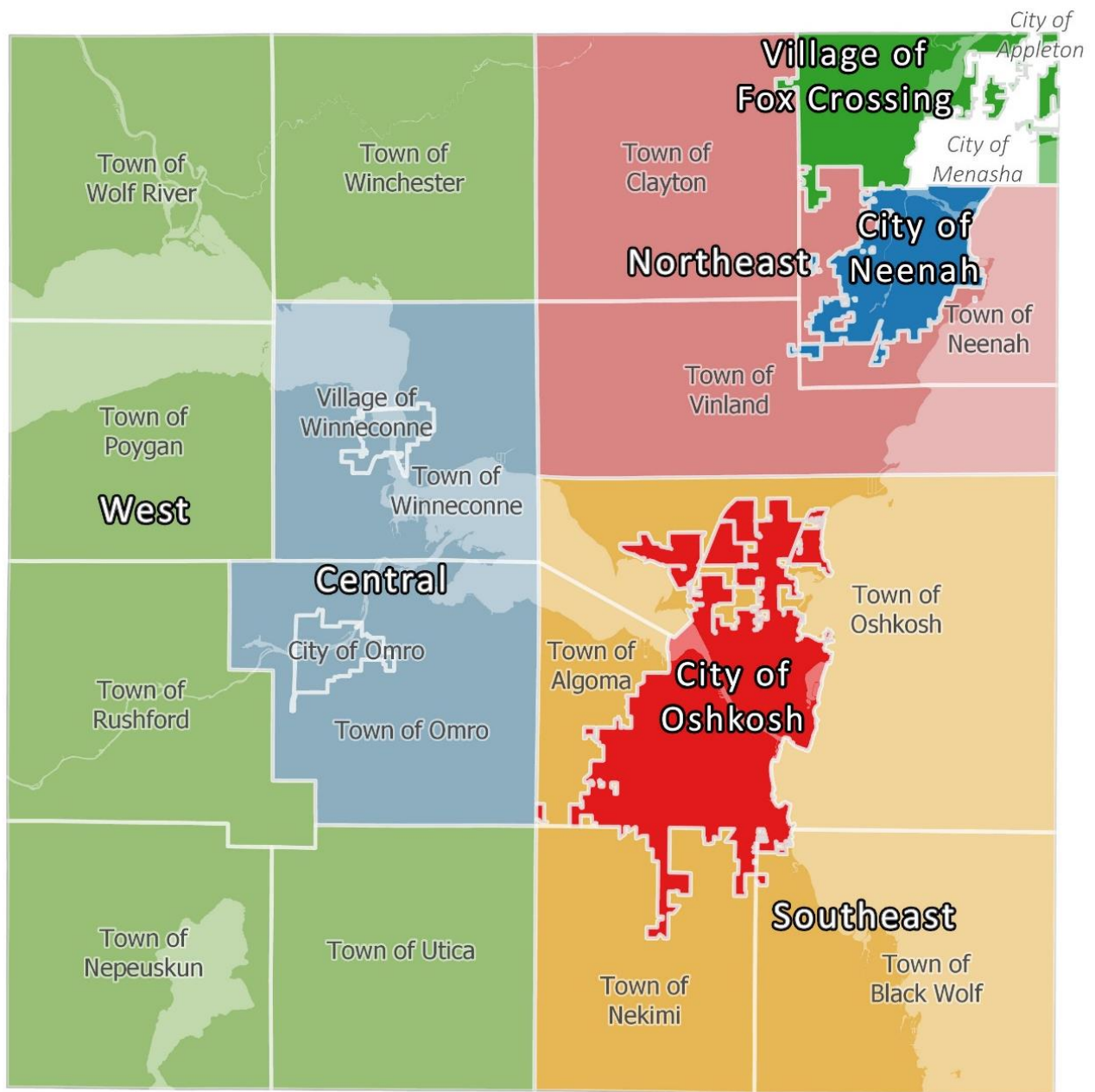
<https://www.dhs.wisconsin.gov/covid-19/local.htm>

***Population for municipality was retrieved from https://doa.wi.gov/DIR/Final_Ests_Muni_2019.pdf. 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 but report to their own health departments.

****Due to population size, the smaller municipalities were grouped together into rural regions (See map on pg. 3)

* The DHS website does not have a critical burden status. To be consistent in our documents we have a critical burden status cut off with a case rate of 350 per 100,000. Because of this, burden status may differ from what is listed on the website.

Winnebago County Map by Regions



- **West:** Towns of Nepeuskun, Poygan, Rushford, Utica, Winchester, and Wolf River
- **Northeast:** Towns of Clayton, Neenah, and Vinland
- **Southeast:** Towns of Algoma, Black Wolf, Nekimi, and Oshkosh
- **Central:** City of Omro, Towns of Omro & Winneconne, and Village of Winneconne

Number of Confirmed Cases and Rate per 100,000 People for Select Municipalities in the Past Two Weeks (September 2 – September 15)

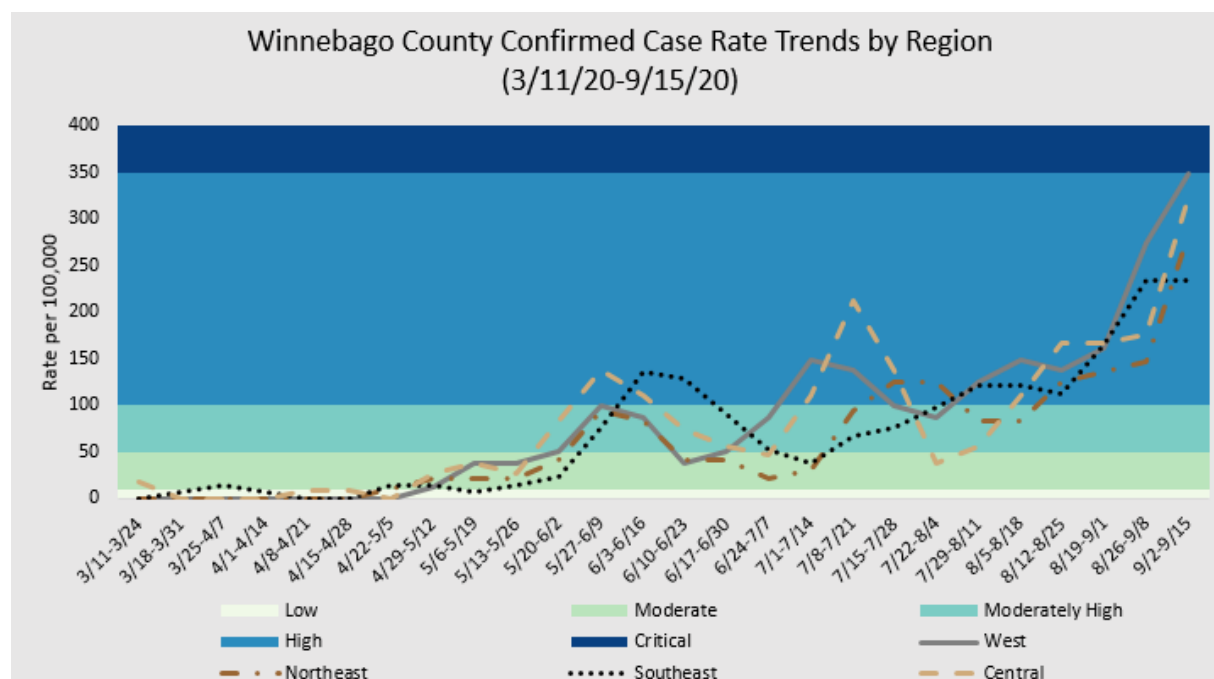
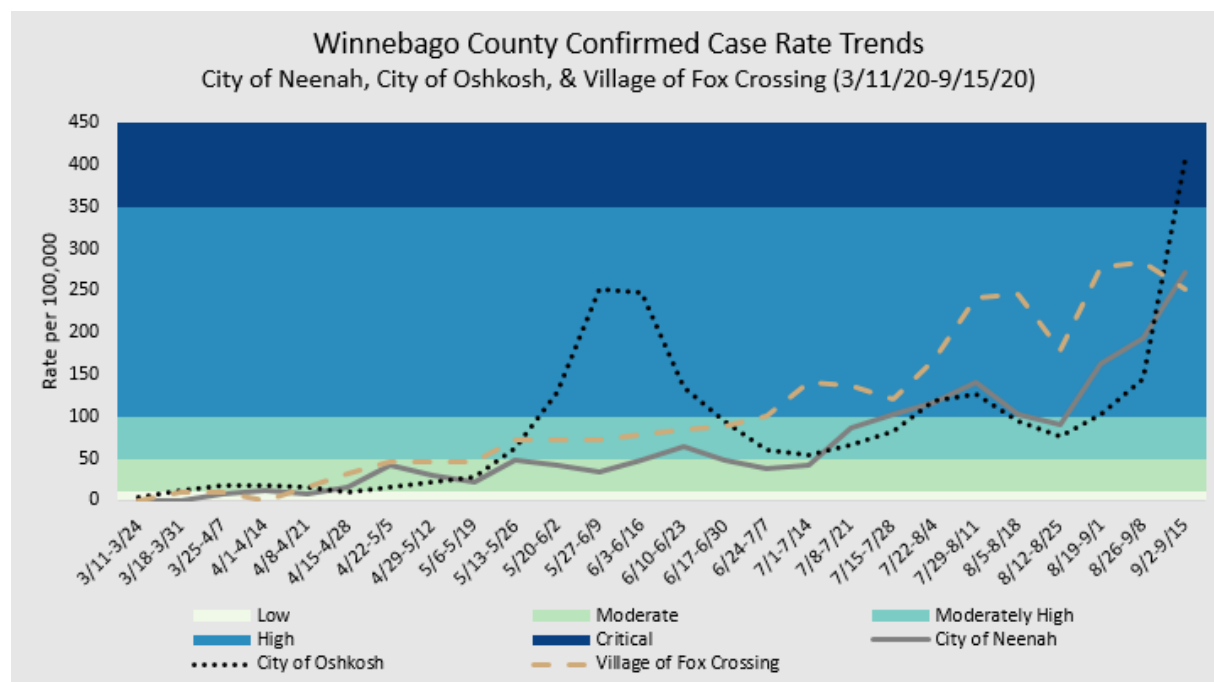
	City of Neenah			City of Oshkosh			Village of Fox Crossing		
Age Group	Number of cases	Rate per 100,000	Pop.	Number of cases	Rate per 100,000	Pop.	Number of cases	Rate per 100,000	Pop.
<10	4	115.8	3,453	1	14.7	6,812	3	160.1	1,874
10-19	17	507.9	3,347	37	442.1	8,369	2	84.1	2,379
20-29	9	280.0	3,214	136	914.1	14,878	12	425.8	2,818
30-39	12	348.9	3,439	19	213.9	8,882	4	153.2	2,611
40-49	12	356.0	3,371	22	293.7	7,491	11	616.2	1,785
50-59	8	207.8	3,850	28	341.2	8,206	9	265.9	3,385
60-69	10	365.1	2,739	22	388.8	5,658	5	239.1	2,091
70-79	0	0.0	1,547	6	187.0	3,209	2	163.0	1,227
80+	0	0.0	926	2	64.4	3,105	0	0.0	618
Total	72		25,886	273		66,610	48		18,788

Burden Status	Case Rate per 100,000 residents in the past two weeks	City of Neenah	City of Oshkosh	Village of Fox Crossing
Low	Case rate is less than or equal to 10.	Less than 3 cases.	Less than 7 case.	Less than 2 cases.
Moderate	Case rate is greater than 10, but less than or equal to 50.	Greater than 3 cases, but less than or equal to 13 cases.	Greater than 7 case, but less than or equal to 33 cases.	Greater than 2 cases, but less than or equal to 9 cases.
Moderately High	Case rate is greater than 50, but less than or equal to 100.	Greater than 13 cases, but less than or equal to 26 cases.	Greater than 33 cases, but less than or equal to 67 cases.	Greater than 9 cases, but less than or equal to 19 cases.
High	Case rate is greater than 100, but less than or equal to 350.	Greater than 26 cases, but less than or equal to 91 cases.	Greater than 67 cases, but less than or equal to 234 cases.	Greater than 19 cases, but less than or equal to 66 cases.
Critical	Case rate is greater than 350.	Greater than 91 cases.	Greater than 234 cases.	Greater than 66 cases.

Case rate is determined by number of new confirmed cases during the past two weeks, divided by population in the municipality, multiplied by 100,000. Rates can fluctuate greatly with small population sizes making it difficult to call out high rates. Burden Status will only be provided for City of Neenah, City of Oshkosh, and Village of Fox Crossing due to population size. Number of cases for each Burden Status refers to the number of confirmed cases during a two-week time span.

Confirmed Case Rate Trends by Municipality

The graphs below show confirmed case rate per 100,000 people by municipalities. These case rates are based on confirmed case counts during a two-week time span.



****Due to population size, the smaller municipalities were grouped together into the following rural regions
(See map on pg. 3)

- West: Towns of Nepeuskun, Poygan, Rushford, Utica, Winchester, and Wolf River
- Northeast: Towns of Clayton, Neenah, and Vinland
- Southeast: Towns of Algoma, Black Wolf, Nekimi, and Oshkosh
- Central: City of Omro, Towns of Omro & Winneconne, and Village of Winneconne

Active Cases and Total Number of Confirmed Cases By Municipality (3/11/20-9/15/20)

A person is counted as an active COVID-19 case if they had a positive confirmatory laboratory test (for example, a test that detects the virus in the nose or throat) and are currently in isolation and being followed by a disease investigator.

Municipality	Active Cases		Total Cases
	Number of Active Cases	Percent	Total Number of Confirmed Cases
City of Oshkosh	251	27%	932
City of Neenah	65	25%	261
Village of Fox Crossing	47	16%	288
City of Omro	5	11%	46
Town of Algoma	19	25%	75
Town of Black Wolf	5	20%	25
Town of Clayton	12	32%	37
Town of Neenah	9	23%	39
Town of Nekimi	Less than 5 cases		12
Town of Nepeuskun	Less than 5 cases		6
Town of Omro	8	33%	24
Town of Oshkosh	Less than 5 cases		20
Town of Poygan	5	33%	15
Town of Rushford	Less than 5 cases		12
Town of Utica	Less than 5 cases		9
Town of Vinland	Less than 5 cases		14
Town of Winchester	8	31%	26
Town of Winneconne	7	23%	30
Town of Wolf River	Less than 5 cases		25
Village of Winneconne	9	30%	30
Rural Regions			
Central	29	33%	130
Northeast	24	22%	90
Southeast	29	20%	132
West	21	31%	93
Winnebago County Health Department Jurisdiction	466	24%	1926
Wisconsin	10,839	12%	92,712

 - Data is suppressed for municipalities with fewer than five active confirmed cases.