Winnebago County Health Department
Municipalities Weekly COVID Data Summary
December 10, 2020

Summary

- A small amount of vaccine is expected to arrive later this month and will be prioritized for health care workers and residents in long term care facilities. Stay strong with prevention efforts, such as proper masking, physical distancing and limiting interactions with people outside your household.

- **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 across the past 2 weeks in part due to the lack of community testing available over the holiday weekend. Overall testing numbers are also decreasing. **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.** Over half (54%) of the 116 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 dangerously high and healthcare facilities experience staffing shortage. As of 12/9/20, Fox Valley area hospitals had 89 COVID-19 patients hospitalized**,** a decrease from the 100 patients last week. The Wisconsin State Fair Park Alternate Care Facility currently has 8 patients.

- The confirmed + probable case rate over the past 2 weeks for our jurisdiction is 808.5 cases per 100,000 people, a decrease from the 958.7 cases per 100,000 last week.

- The number of cases (confirmed/probable) in the first week of this 2-week timeframe was 399/162 and for this most recent week is 464/218. Cases are distributed throughout all jurisdictions and adult age groups. Individuals aged 30-39 had the highest confirmed case rate of 804.2 per 100,000 over the past 2 weeks. Rates are lowest in those under 18 (323.3 per 100,000).

- **Testing percent positivity of only positive PCR tests is at 10.6%** for the past 2 weeks, which is still far from 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 590 PCR tests were conducted each day. The regional COVID-19 testing site at Sunnyview Expo Center in Oshkosh has averaged 280 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 remains limited due to capacity**. We are able to reach out to all people who tested positive within 24-48 hours of being reported to the health department. As we continue to expand our contact tracing efforts, we ask for the community's help. If you have tested positive, please notify your close contacts to quarantine and get tested. View our website for updated quarantine guidance and testing information.

Background Information

This report provides *preliminary* data on the confirmed COVID-19 cases from November 25 – December 8, 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.

*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
- School District Weekly Data Summaries

Confirmed Cases by Municipality for the Past Two Weeks
(November 25 - December 8)

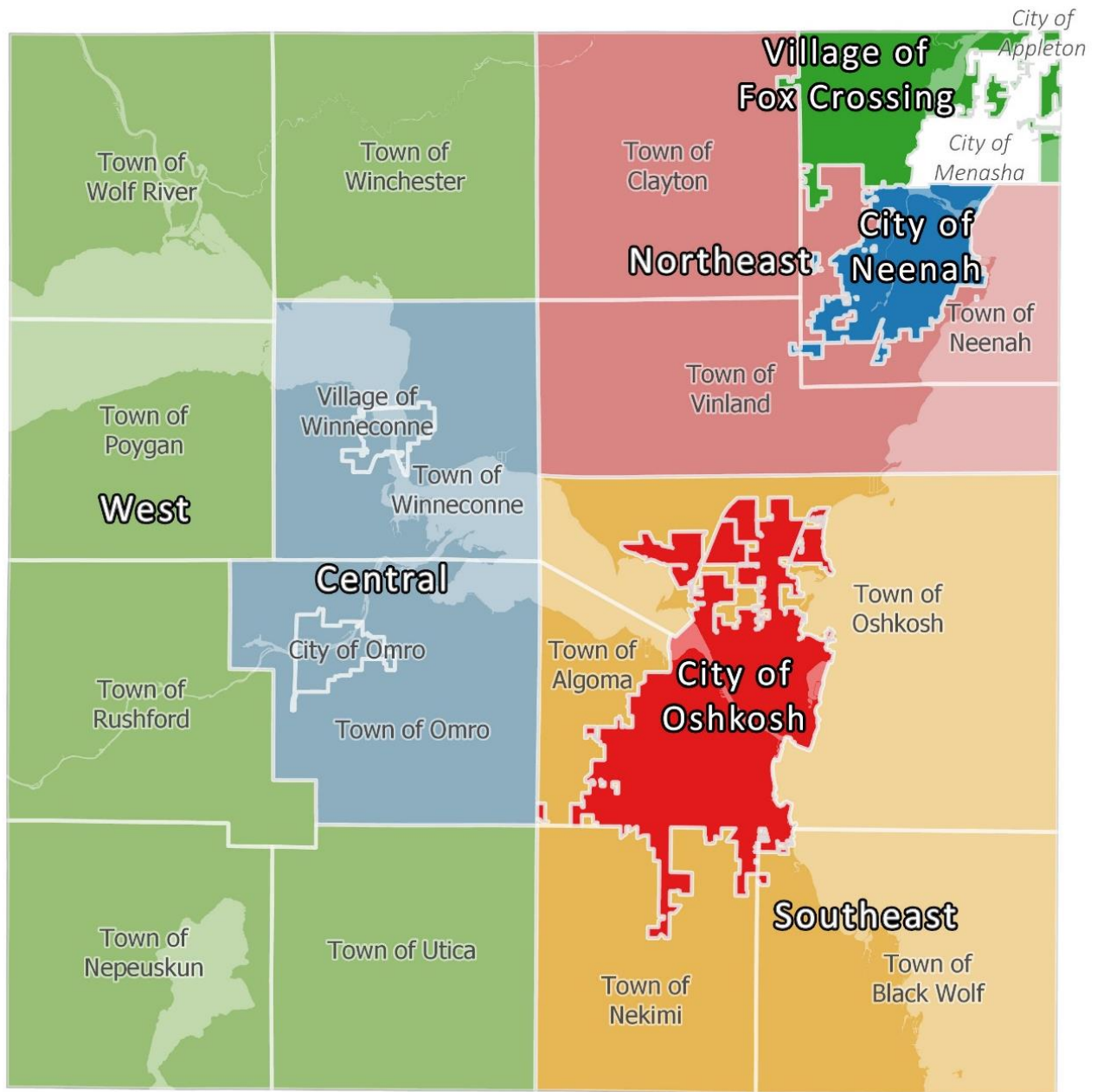| Municipality	Confirmed Case Count for past 2 weeks	Case Rate (per 100,000)	Burden**	Population***
City of Oshkosh	394	591.6	Very High	66,595
City of Neenah	157	596.2	Very High	26,333
Village of Fox Crossing	113	591.9	Very High	19,090
City of Omro	24	669.6	*The populations in these municipalities are 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.*	3,584
Town of Algoma	34	490.0		6,939
Town of Black Wolf	10	408.8		2,446
Town of Clayton	16	381.6		4,193
Town of Neenah	21	578.2		3,632
Town of Nekimi	10	703.2		1,422
Town of Nepeuskun	Less than 5 cases			743
Town of Omro	9	387.1		2,325
Town of Oshkosh	11	443.5		2,480
Town of Poygan	6	452.1		1,327
Town of Rushford	5	310.2	*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.*	1,612
Town of Utica	Less than 5 cases			1,337
Town of Vinland	7	403.2		1,736
Town of Winchester	5	274.1		1,824
Town of Winneconne	15	615.8		2,436
Town of Wolf River	7	585.8		1,195
Village of Winneconne	13	520.2		2,499
Rural Regions****				
Central	61	564.1	Very High	10,844
Northeast	44	460.7	Very High	9,561
Southeast	65	490.0	Very High	13,287
West	29	361.2	Very High	8,038
Winnebago County Health Department Jurisdiction	863	561.3	Very High	153,748
Winnebago County	1,118	660.2	Very High	169,861
Wisconsin	52,623	910.3	Very 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_2020.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)

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 (November 25 – December 8)
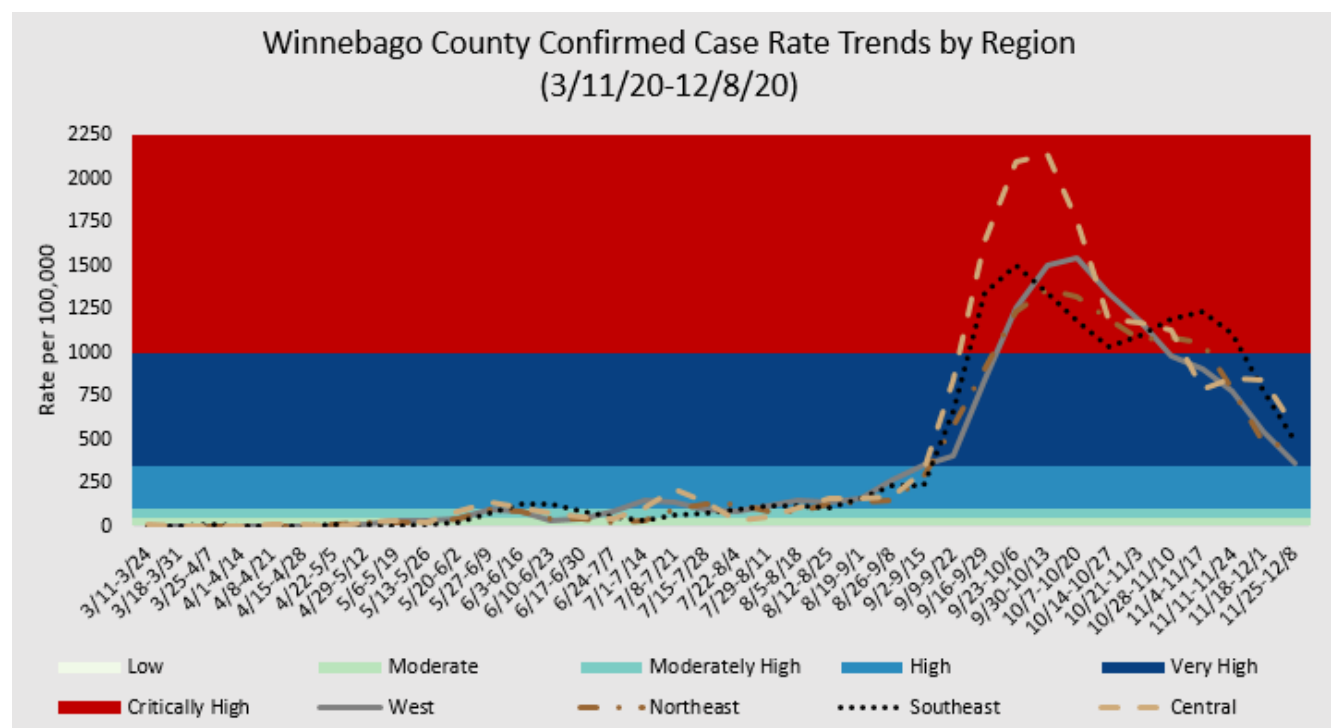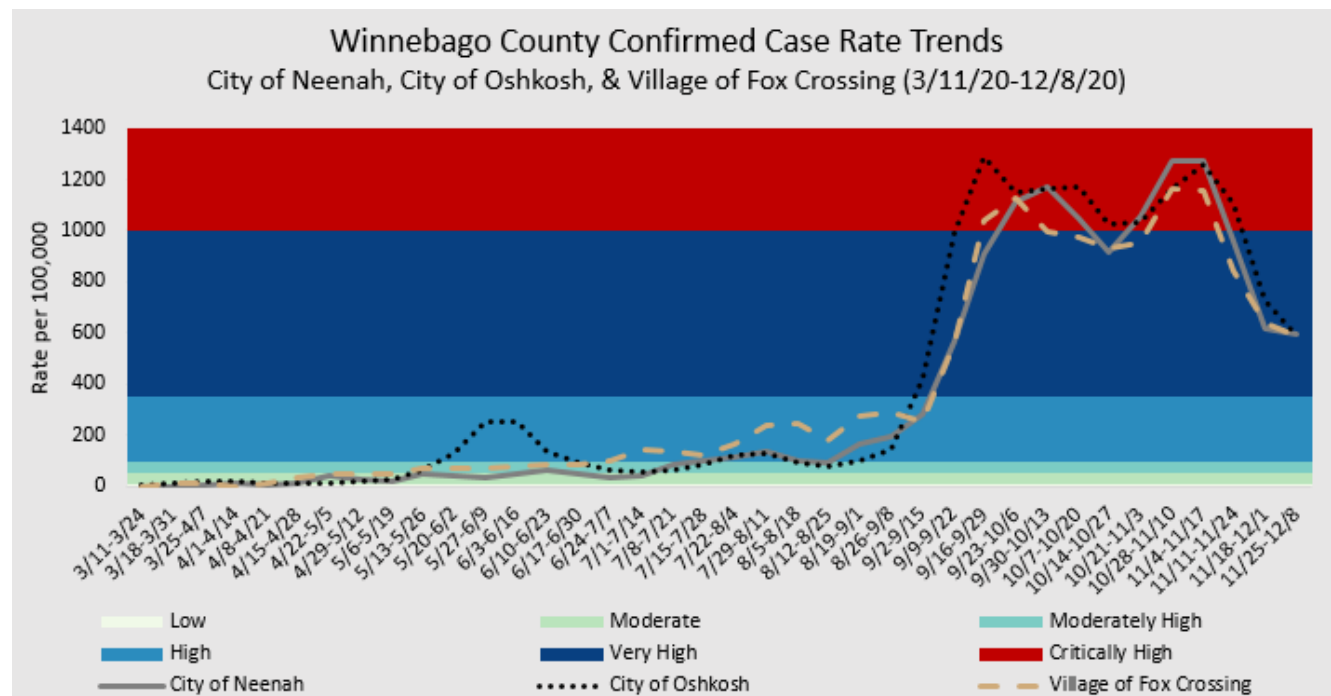
Age Group	City of Neenah			City of Oshkosh			Village of Fox Crossing		
	Number of cases	Rate per 100,000	Pop.	Number of cases	Rate per 100,000	Pop.	Number of cases	Rate per 100,000	Pop.
<18	22	346.6	6,347	33	278.8	11,836	14	366.0	3,825
18-24	14	751.1	1,864	56	432.0	12,962	11	631.1	1,743
25-29	10	554.6	1,803	42	798.3	5,261	14	931.5	1,503
30-39	32	930.5	3,439	69	776.9	8,882	23	880.9	2,611
40-49	23	682.3	3,371	47	627.4	7,491	13	728.3	1,785
50-59	20	519.5	3,850	40	487.4	8,206	10	295.4	3,385
60-69	24	876.2	2,739	50	883.7	5,658	17	813.0	2,091
70-79	8	517.1	1,547	25	779.1	3,209	0	0.0	1,227
80+	4	432.0	926	32	1,030.6	3,105	11	1,779.9	618
Total	157	606.5	25,886	394	591.5	66,610	113	601.4	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 10 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 10 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 92 cases.	Greater than 67 cases, but less than or equal to 233 cases.	Greater than 19 cases, but less than or equal to 67 cases.
Very High	Case rate is greater than 350, but less than or equal to 1,000 cases	Greater than 92 cases, but less than or equal to 263 cases.	Greater than 233 cases, but less than or equal to 666 cases.	Greater than 67 cases, but less than or equal to 191 cases.
Critically High	Case rate is greater than 1,000.	Greater than 263 cases.	Greater than 666 cases.	Greater than 191 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.

Winnebago County Confirmed Case Rate Trends
City of Neenah, City of Oshkosh, & Village of Fox Crossing (3/11/20-12/8/20)

Winnebago County Confirmed Case Rate Trends by Region
(3/11/20-12/8/20)

****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 (3/11/20-12/9/20)

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	304	6%	5,135
City of Neenah	123	7%	1,795
Village of Fox Crossing	85	6%	1,348
City of Omro	20	5%	365
Town of Algoma	21	4%	509
Town of Black Wolf	5	3%	189
Town of Clayton	15	5%	302
Town of Neenah	16	7%	234
Town of Nekimi	8	7%	117
Town of Nepeuskun	0	0%	50
Town of Omro	6	4%	168
Town of Oshkosh	Less than 5 cases		182
Town of Poygan	Less than 5 cases		83
Town of Rushford	Less than 5 cases		104
Town of Utica	Less than 5 cases		90
Town of Vinland	Less than 5 cases		108
Town of Winchester	Less than 5 cases		144
Town of Winneconne	9	4%	206
Town of Wolf River	Less than 5 cases		90
Village of Winneconne	8	4%	206
Rural Regions****			
Central	43	33%	945
Northeast	35	22%	644
Southeast	38	20%	997
West	15	31%	561
Winnebago County Health Department Jurisdiction	643	6%	11,425
Wisconsin	54,599	13%	421,990

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