



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department COVID-19 Weekly Data Summary

January 14, 2021

Summary

- As of January 13, approximately 4,390 COVID-19 vaccines have been administered to Winnebago County residents that fall within [Phase 1a of the state's vaccination plan](#). In total, our health department received 400 doses over the past two weeks; limited vaccine supply restricted the ability of the state to increase our allocation beyond 200 doses per week. Our staff has been working to vaccinate individuals in Phase 1a as quickly as possible and has already begun scheduling police and fire personnel becoming eligible next week.
- Local health systems, clinics and pharmacies have been vaccinating unaffiliated healthcare providers and others in [Phase 1a](#) such as dentists, independent physicians, school nurses, therapists and vaccinators. Our health department is coordinating with the Fox Valley Health Care Readiness Coalition (HERC) to ensure timely vaccination of those in Phase 1a by referring individuals to vaccinators with available doses. If you think you are eligible for Phase 1a and have not been offered the vaccine, please check with your employer on their vaccination plan. If you are in Phase 1a and are not affiliated with a vaccine provider, please complete [this form](#). We anticipate Phase 1b guidance by the end of next week.
- While it is very exciting that vaccine is arriving, it will take months to reach community immunity, so we must continue to stay home, wear a mask, socially distance and practice good hand hygiene. Case rates are rising and, with the more contagious variant circulating in Wisconsin, we have to be careful we don't generate another surge in virus activity.
- **Stay at home.** Avoid gathering with anyone outside your home, especially those at [increased risk for severe disease](#). [Get tested](#) after a known or potential exposure or if you have any symptoms, even if they are mild. If you have been tested, stay home until you receive your test results and follow the guidance provided.
- If you are using options to [shorten quarantine](#), be sure to continue to monitor symptoms, wear a mask, [social distance](#), and do not participate in group activities for the full 14 days. Shortened quarantine options may not be appropriate in all settings, such as high-risk, congregate settings, including daycares and K-12 schools.
- Safely [support the local community](#) through curbside pickup and delivery options and seeking out businesses that engage in precautionary measures. If a business is not following recommendations, consider speaking with manager and notifying the health department through this [form](#).
- Hospitalizations are rising, and 21% of the 162 COVID-19 deaths in our jurisdiction occurred in the past 6 weeks.
- **Our confirmed + probable case burden remains very high.** The confirmed + probable case rate over the past 2 weeks for our jurisdiction is 596.4 cases per 100,000 people, **an increase** from the 465.0 cases per 100,000 last week. The number of cases (confirmed/probable) in the first week of this 2-week timeframe was 300/90 and for this most recent week is 331/196. Individuals aged 25-29 and 30-39 had the highest confirmed case rates of 544.8 and 542.8 per 100,000. Rates are lowest in those under 18 (252.2 per 100,000).
- Over this past week, 9.3% of [PCR tests in Wisconsin](#) were positive and 6.8% 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.
- 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](#). WI Department of Health Services encourages residents to download the [WI Exposure Notification app](#) to assist in notifying contacts of people who have tested positive for COVID-19.
- **Please Note:** Due to unforeseen circumstances, we were unable to provide the usual data this week on the percent positivity and amount of testing for our jurisdiction. Sorry for any inconvenience. Our reports next week will include this data, but will be released on Friday, Jan. 22 instead of Thursday.

Background Information

This report provides *preliminary* data on the confirmed COVID-19 cases from December 30, 2020 – January 12, 2021. **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.**

Dates utilized for all graphs and tables are based on test result date and may not represent final reported 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](#)
- [Municipality Weekly Data Summaries](#)
- [School District Weekly Data Summaries](#)

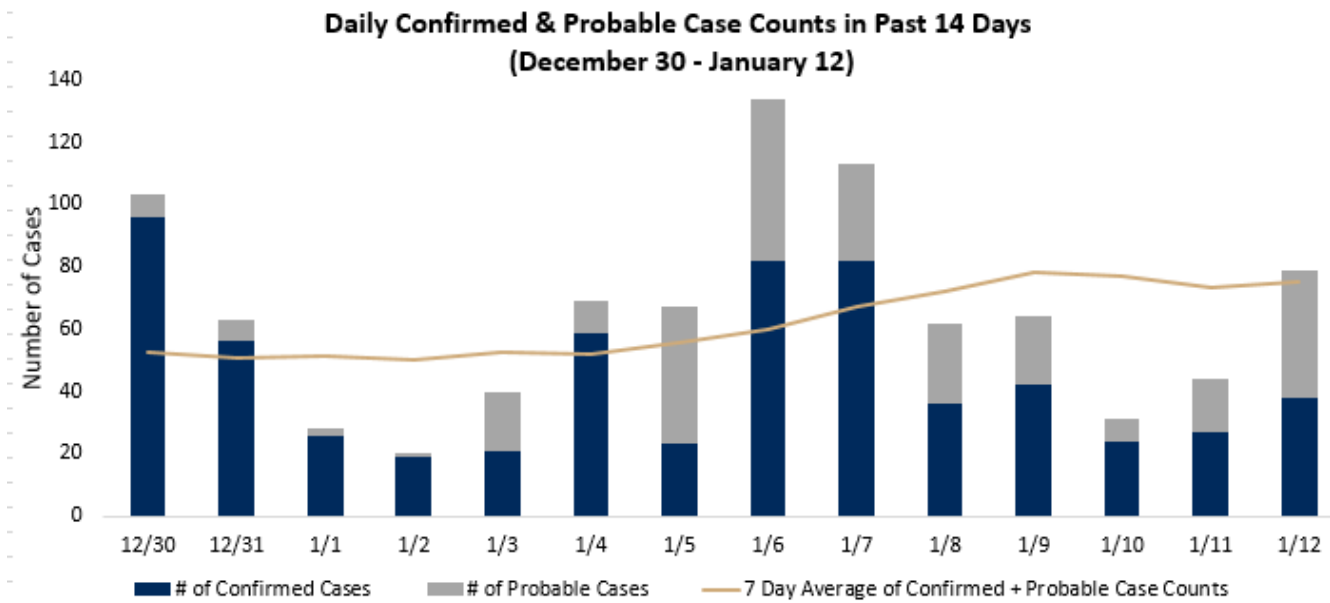
Reported Case Counts

	Case Counts for the Past 14 Days 12/30/2020-1/12/2021	Cumulative Case Counts 3/9/2020-1/13/2021
Confirmed Cases	631	13,095
Active Cases		434 (3% of cumulative cases)
Recovered Cases		12,520 (96% of cumulative cases)
Probable Cases	286	2,003
Negative Cases	2,450	68,981
Deaths**	8	162
Among Confirmed Cases	5	143
Among Probable Cases	3	19

****Death certificate must list COVID-19 (or the virus causing COVID-19) as a cause of death or a significant condition contributing to death. Healthcare providers and/or coroner determines cause of death. Includes deaths among PCR confirmed cases and probable cases.**

Case Count by Day – Last 2 Weeks

When there is adequate testing in place, trending daily case counts show if the disease is spreading or shrinking and what the overall burden of disease is in our area. This graph shows the number of confirmed cases by the test result date and probable cases by the date their case file was created. **There was an average of 65.5 confirmed and probable cases per day, which is an increase from the 51.1 confirmed and probable cases per day reported last week. Total daily confirmed and probable cases ranged from 20 to 134 cases.** There was an average of 45.1 confirmed cases per day, which is an increase from the 38.9 cases per day reported last week. There was an average of 20 probable cases per day, which is an increase from the 12 probable cases per day reported last week. The trend line shows the 7-day average for the combined total of confirmed and probable cases. For a full disease curve, see the [dashboard](#) on our [website](#).



Daily confirmed case counts presented here may differ from our situation update and the cases by day graph reported on our dashboard. This chart reflects the test result date instead of the date when the results are actually received by the health department. A person is counted as a confirmed COVID-19 case if they had a positive test result using a confirmatory diagnostic test that detect the genetic material of SARS-CoV-2, the virus that causes COVID-19 (polymerase chain reaction (PCR) tests or nucleic acid amplification tests (NAT)). Reasons a person could be counted as a probable case include: a positive antigen test, positive antibody test, or diagnosis due to symptoms and known exposure to COVID-19.

Burden Status

Burden status is the total number of reported cases per 100,000 residents in the last two weeks.

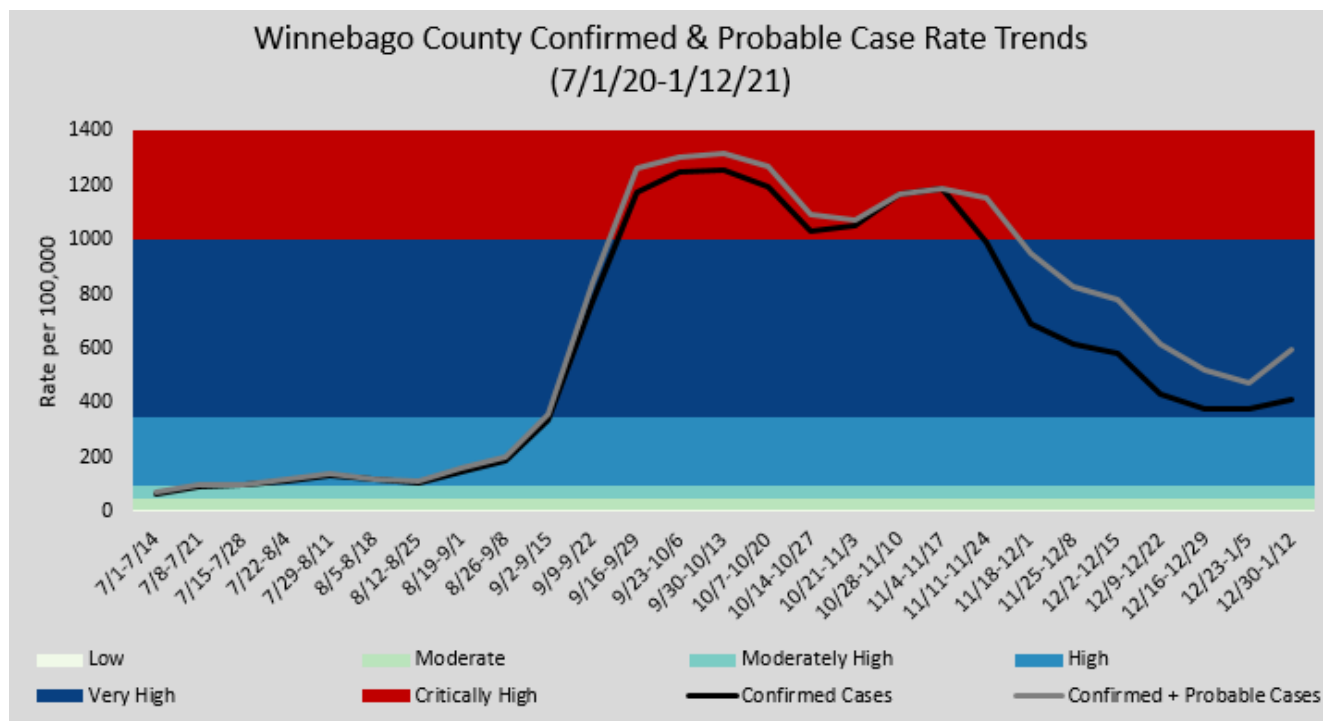
Dates	Confirmed Cases	Probable Cases	Total (Confirmed + Probable)
12/30-1/5	300	90	390
1/6-1/12	331	196	527
Total for last two weeks	631	286	917
Case rates for last two weeks (per 100,000 population)	410.4	186.0	596.4

Burden Status	Case Rate per 100,000 residents in the past two weeks	Number of Cases in the past two weeks
Low	Case rate is less than or equal to 10.	Less than 15 cases
Moderate	Case rate is greater than, but less than or equal to 50.	Greater than 15 cases, but less than or equal to 77 cases.
Moderately High	Case rate is greater than 50, but less than or equal to 100.	Greater than 77 cases, but less than or equal to 154 cases.
High	Case rate is greater than 100, but less than or equal to 350.	Greater than 154 cases, but less than or equal to 538 cases.
Very High	Case rate is greater than 350, but less than or equal to 1000.	Greater than 538 cases, but less than or equal to 1,537 cases.
Critically High	Case rate is greater than 1000.	Greater than 1,537 cases.

View the [DHS COVID Local Activity Level](#) page to learn more about burden status.

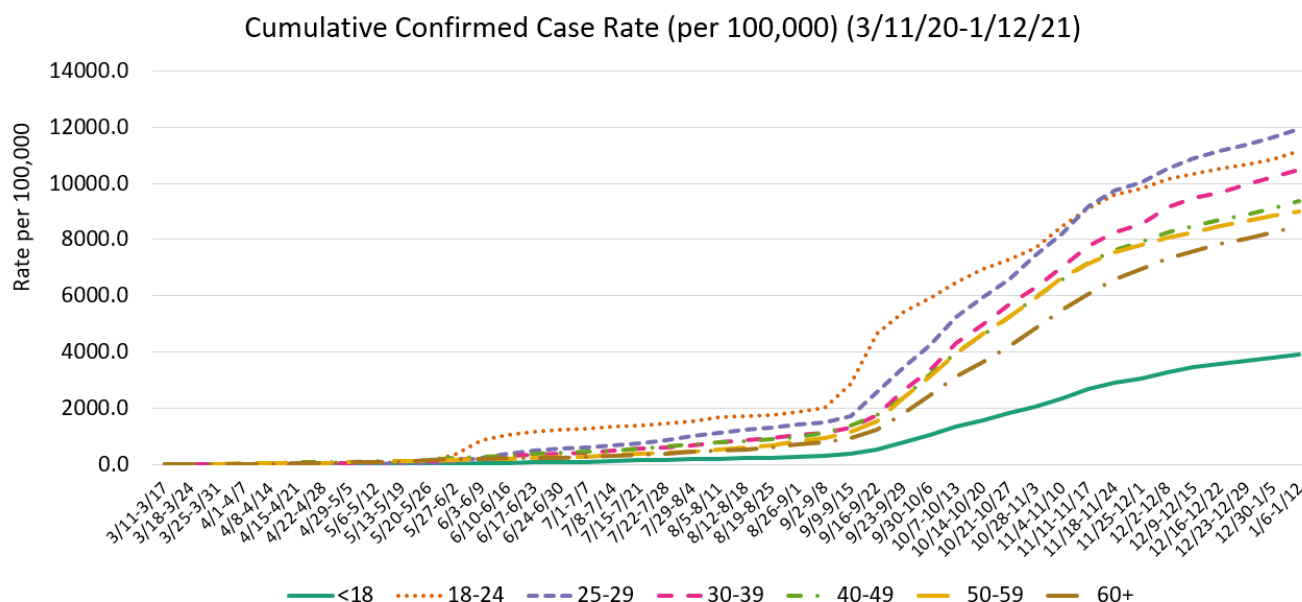
Biweekly Confirmed & Probable Case Rate Trends

The graphs below show confirmed case rate per 100,000 people and the confirmed + probable case rate for the Winnebago County Health Department Jurisdiction. These case rates are based on confirmed and probable case counts during a two-week time span.



Trending by Age Group

This graph shows how cumulative confirmed case rates by age group have changed over time. 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.



This table shows the case count and case rate by age group for the past two weeks and cumulatively. Over the past two weeks, **individuals aged 25-29 and 30-39 had the highest confirmed case rate.**

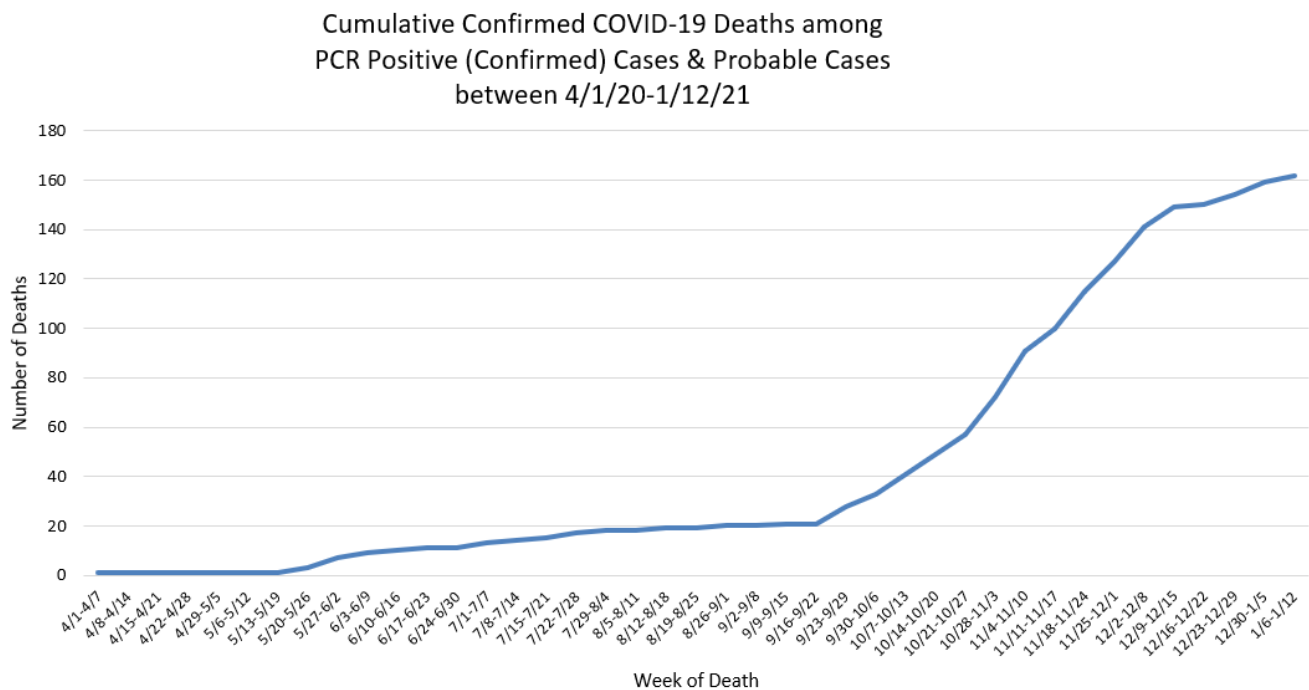
Age Group	Past Two Weeks (12/30/20-1/12/21)				Doubling Time (Days)	Cumulative Confirmed Case Count	Population***
	Case Count	Case Rate (per 100,000)	Percent increase in total cases in that age group	Percent of Cumulative Cases in that age group			
<18	78	252.2	6.9%	6.4%	147.7	1,215	30,928
18-24	90	471.0	4.4%	4.2%	227.1	2,131	19,108
25-29	55	542.8	4.8%	4.5%	210.5	1,209	10,132
30-39	105	544.8	5.5%	5.2%	184.1	2,025	19,273
40-49	91	498.1	5.6%	5.3%	179.9	1,716	18,269
50-59	73	319.8	3.7%	3.6%	270.9	2,055	22,826
60+	139	429.6	5.3%	5.1%	188.5	2,744	32,359

***Age Group Population Data comes from the [2018 census](#). Total Population size across all age groups differs slightly from total population size used to calculate Winnebago County Health Department jurisdiction case rate (153,748) which was determined using 2020 population data from the [WI Department of Administration](#).

Confirmed COVID-19 Deaths

Confirmed COVID-19 deaths include deaths among PCR confirmed cases and probable cases. Confirmed COVID-19 deaths have a death certificate that lists COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death. Healthcare providers or medical examiners/coroners determine cause of death. Public reporting of COVID-19 deaths lag while waiting for confirmation.

In the graph below, the data for recent weeks is preliminary and subject to change. Recent deaths are still pending as we await confirmation on cause of death.



These tables show case counts for confirmed COVID-19 deaths by age group and housing type, as well as by ethnicity, race, and sex.

All Confirmed COVID-19 Deaths by Age Group and Housing Type					
Age Group	Not Group	LTCF/ Group	Total Deaths	Rate per 100,00	Population
<60	13	0	13	10.8	120,536
60-69	18	5	23	139.5	16,491
70-79	26	12	38	396.1	9,594
80-89	27	29	56	1,402.6	6,274
90+	7	25	32		
Total	91	71	162	106.0	152,895

All Confirmed COVID-19 Deaths by Ethnicity, Race, and Sex		
Ethnicity	Hispanic/Latino or Unknown	10
	Not Hispanic/Latino	152
Race	Other or Unknown	10
	White	152
Sex	Female	69
	Male	93

Long-term care facility (LTCF): nursing homes, assisted living facilities

Group housing facility: Group housing facilities include city and county jails, homeless shelters, dormitories and group homes. Deaths among those living in Wisconsin Department of Corrections facilities (including Oshkosh Correctional Institute) are not included here

Not group housing facility: single family homes, apartments, condos, duplexes or townhouses

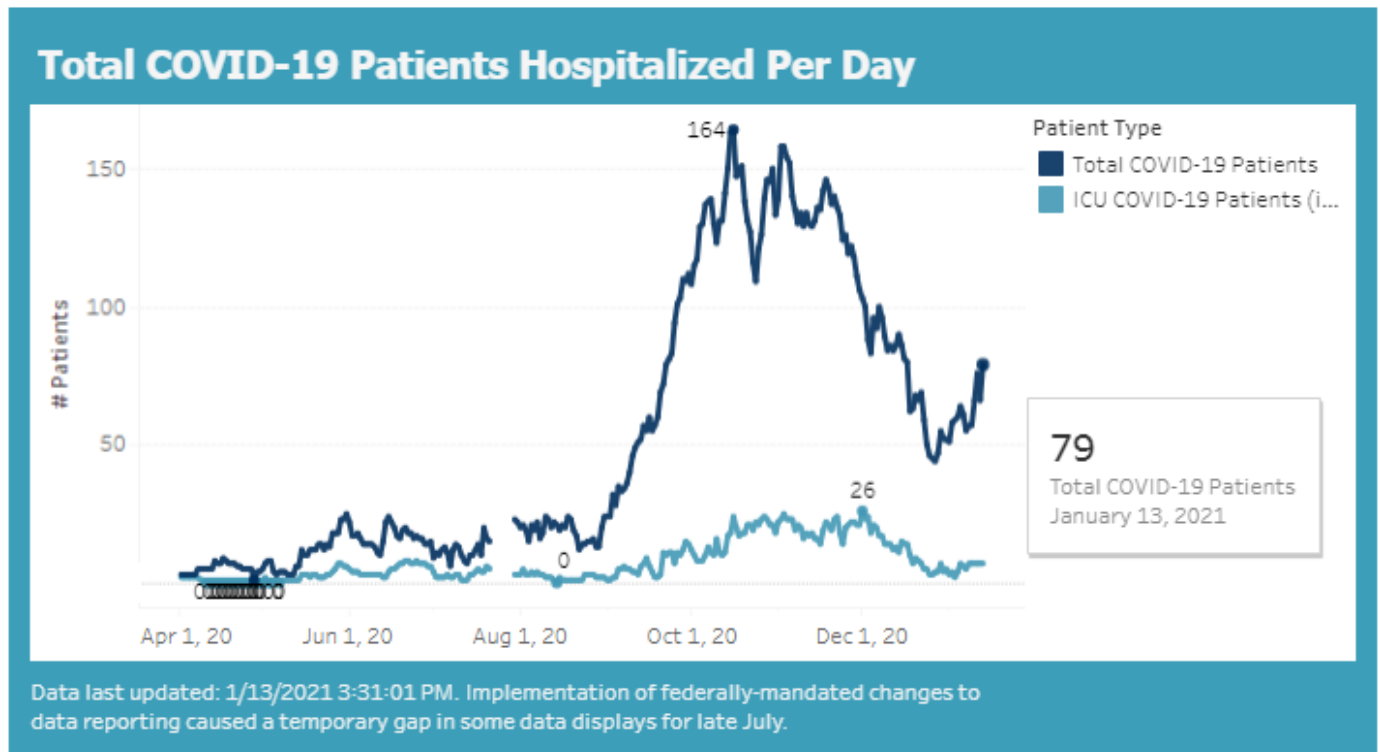
Healthcare Measures for the Fox Valley Area

The Fox Valley Area HERC Region includes Calumet, Green Lake, Menominee, Outagamie, Shawano, Waupaca, Waushara and Winnebago Counties.

It is vital that healthcare systems have adequate capacity to manage patient care in the context of a surge caused by COVID-19. Through adequate testing, case identification and investigation we can help keep case counts at levels that are manageable by our healthcare systems. When healthcare systems exceed their capacity, the ability to treat severe illness is compromised and patients do worse and/or do not get the care they need to survive the illness.

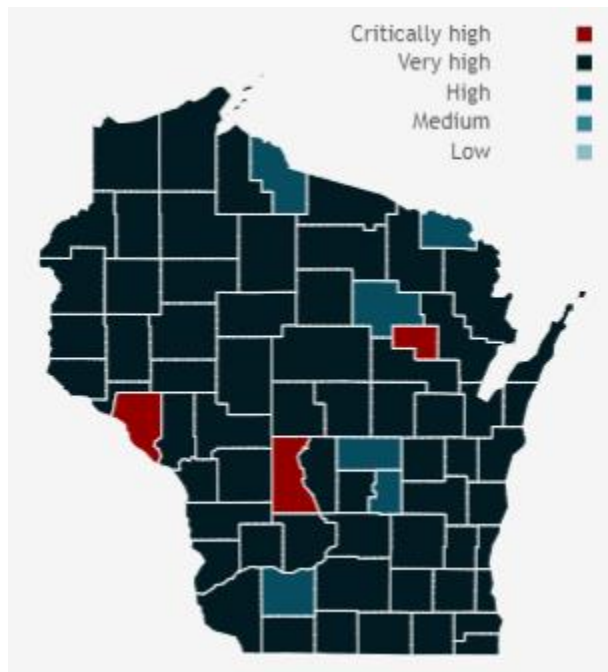
COVID-19 hospitalizations continue to remain high across the state. As of 1/13/2021, there were **79 COVID-19 patients hospitalized** in the Fox Valley Area hospitals with 7 of those patients in the ICU.

To view more information on healthcare measures in the Fox Valley Area and across the state, please visit <https://www.wha.org/COVID19Update> & <https://www.dhs.wisconsin.gov/covid-19/hosp-data.htm>



Burden, Trajectory, and Activity Level Across Wisconsin in Past 14 Days

Updated 1/13/2021



The Wisconsin Department of Health Services classifies regions and counties as critically high, very high, high, medium, or low activity levels for COVID-19 spread by combining the case burden (case rate) and trajectory (change in cases over time) indicators. The state updates this information weekly on Wednesdays by 5 p.m. As of January 13, 2021, Winnebago County**** and the Fox Valley Region are both classified as having a **very high COVID-19 activity level**.

To view more information on these metrics, please visit <https://www.dhs.wisconsin.gov/covid-19/local.htm>

Area	Case Count (Past 14 days)	Burden	Trajectory	Activity Level
Winnebago	771	455.3 Very High	N/A ↔	Very High ■
Fox Valley Area	3,008	551.5 Very High	27% ▲	Very High ■
Outagamie	1,336	726.9 Very High	46% ▲	Very High ■
Wisconsin	35,978	622.3 Very High	N/A ↔	Very High ■

A trajectory of N/A means there was no significant change in the percent change in cases for this week compared to the previous week.

****This data is provided by the [Department of Health Services](#) and may be different than the information provided by WCHD because the state reports data for the entire county, which includes the portions of Winnebago County that fall within the jurisdiction of the [City of Menasha Health Department](#) and [City of Appleton Health Department](#).