



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department COVID-19 Weekly Data Summary

January 21, 2021

Summary

- As of January 20, at least 6,028 [COVID-19 vaccines](#) have been administered to Winnebago County residents that fall within [Phase 1a of the state's vaccination plan](#) and 260,402 doses of COVID-19 vaccine have been administered to Wisconsin residents. To date, our health department has received 900 doses and will continue to vaccinate those in Phase 1a and first responders into next week. Like most communities, we are preparing to vaccinate Phase 1b and stand up community clinics as statewide guidance and sufficient vaccine arrives. Phase 1b will take months to roll out; please be patient and see [our website](#) for updates.
- 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, mortuary workers and vaccinators. If 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](#).
- While it is very exciting that vaccine is arriving, it will take at least until the end of summer to reach an adequate level of community immunity, so we must continue to stay home, wear a mask, socially distance and practice good hand hygiene. Case rates remain very high and with the more contagious variant circulating in Wisconsin, we have to be careful to avoid another surge in virus activity.
- **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 avoid 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 with 63 COVID-19 patients currently hospitalized in the Fox Valley.
- There have been a total of 168 confirmed COVID-19 deaths among confirmed and probable cases.
- **Our confirmed + probable case burden remains very high.** The confirmed + probable case rate over the past 2 weeks for our jurisdiction is 571.7 cases per 100,000 people, a decrease from 596.4 cases per 100,000 last week. The number of cases (confirmed/probable) in the first week of this 2-week timeframe was 354/193 and for this most recent week is 218/114. Individuals aged 25-29 had the highest confirmed case rates of 493.5 per 100,000. Rates are lowest in those under 18 (242.5 per 100,000).
- Over this past week, 7.4% of [PCR tests in Wisconsin](#) were positive and 6.7% 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 and likely leads to artificially lower percentages.
- Over the past two weeks, a daily average of 635 PCR tests were conducted among residents within the Winnebago County Health Department jurisdiction.
- 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 also 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:** Our reports next week will be released on Friday, Jan. 29 instead of Thursday. Sorry for any inconvenience.

Background Information

This report provides *preliminary* data on confirmed COVID-19 cases from January 6, 2021 – January 19, 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 Winnebago County that fall within the jurisdiction of the [City of Menasha Health Department](#) and [City of Appleton Health Department](#). As of October 3, 2020, data reports from the Winnebago County Health Department do not include test results from residents in Wisconsin Department of Corrections facilities, which includes the Oshkosh Correctional Institute. This data can be found on the Wisconsin Department of Corrections [website](#).

Data provided on the [Department of Health Services website](#) may be different than 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](#)

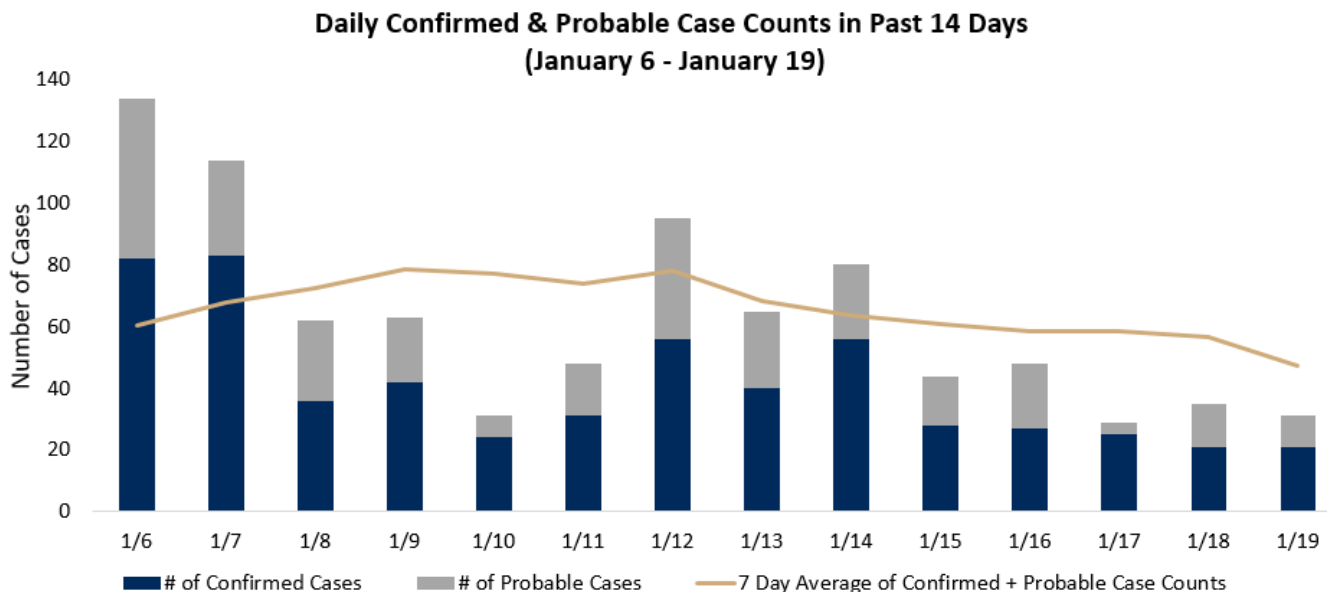
Reported Case Counts

	Case Counts for the Past 14 Days 1/6/2021-1/19/2021	Cumulative Case Counts 3/9/2020-1/20/2021
Confirmed Cases	572	13,349
Active Cases		377 (3% of cumulative cases)
Recovered Cases		12,823 (96% of cumulative cases)
Probable Cases	307	2,104
Negative Cases	2,627	70,178
Deaths**	3	168
Among Confirmed Cases	1	149
Among Probable Cases	2	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 the overall burden of disease in our area. This graph shows the number of confirmed cases by test result date and probable cases by the date their case file was created. **There was an average of 62.8 confirmed and probable cases per day, which is a decrease from 65.5 confirmed and probable cases per day reported last week. Total daily confirmed and probable cases ranged from 29 to 134 cases.** There was an average of 40.9 confirmed cases per day, which is a decrease from 45.1 cases per day reported last week. There was an average of 22 probable cases per day, which is an increase from 20 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.

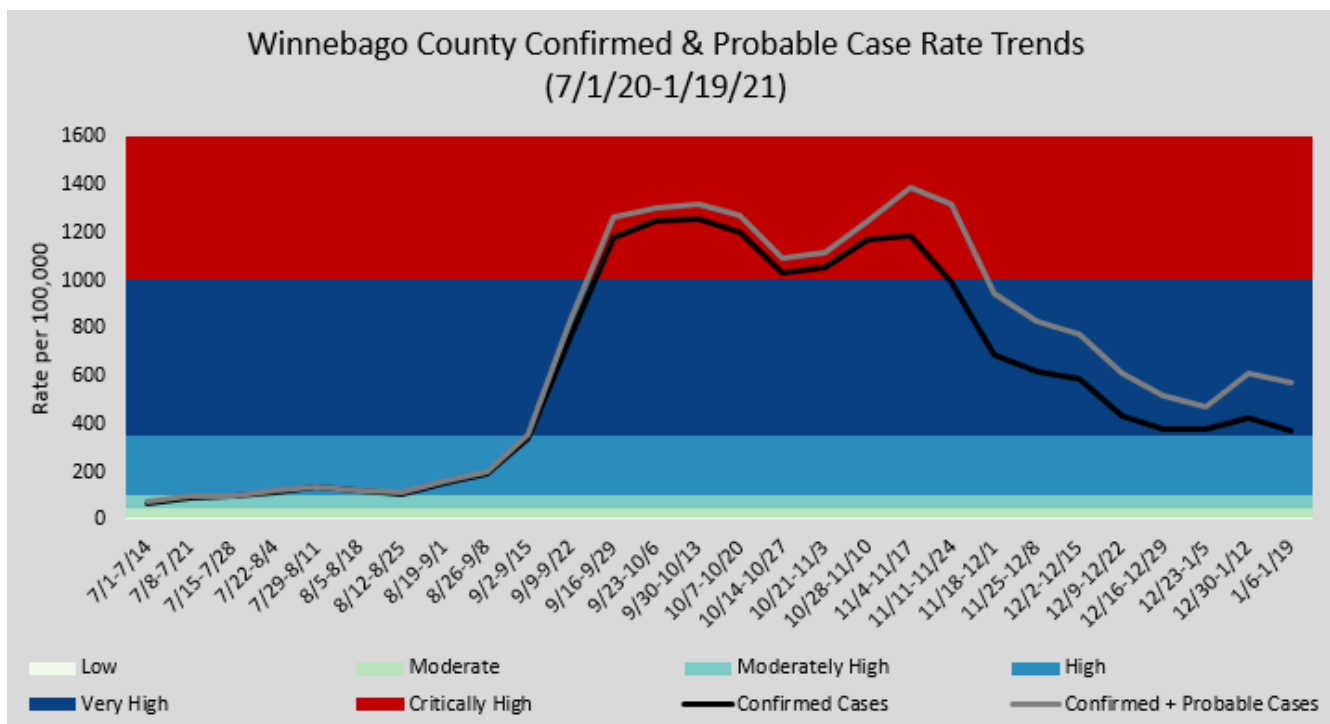
Dates	Confirmed Cases	Probable Cases	Total (Confirmed + Probable)
1/6-1/12	354	193	547
1/12-1/19	218	114	332
Total for last two weeks	572	307	879
Case rates for last two weeks (per 100,000 population)	372.0	199.7	571.7

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.

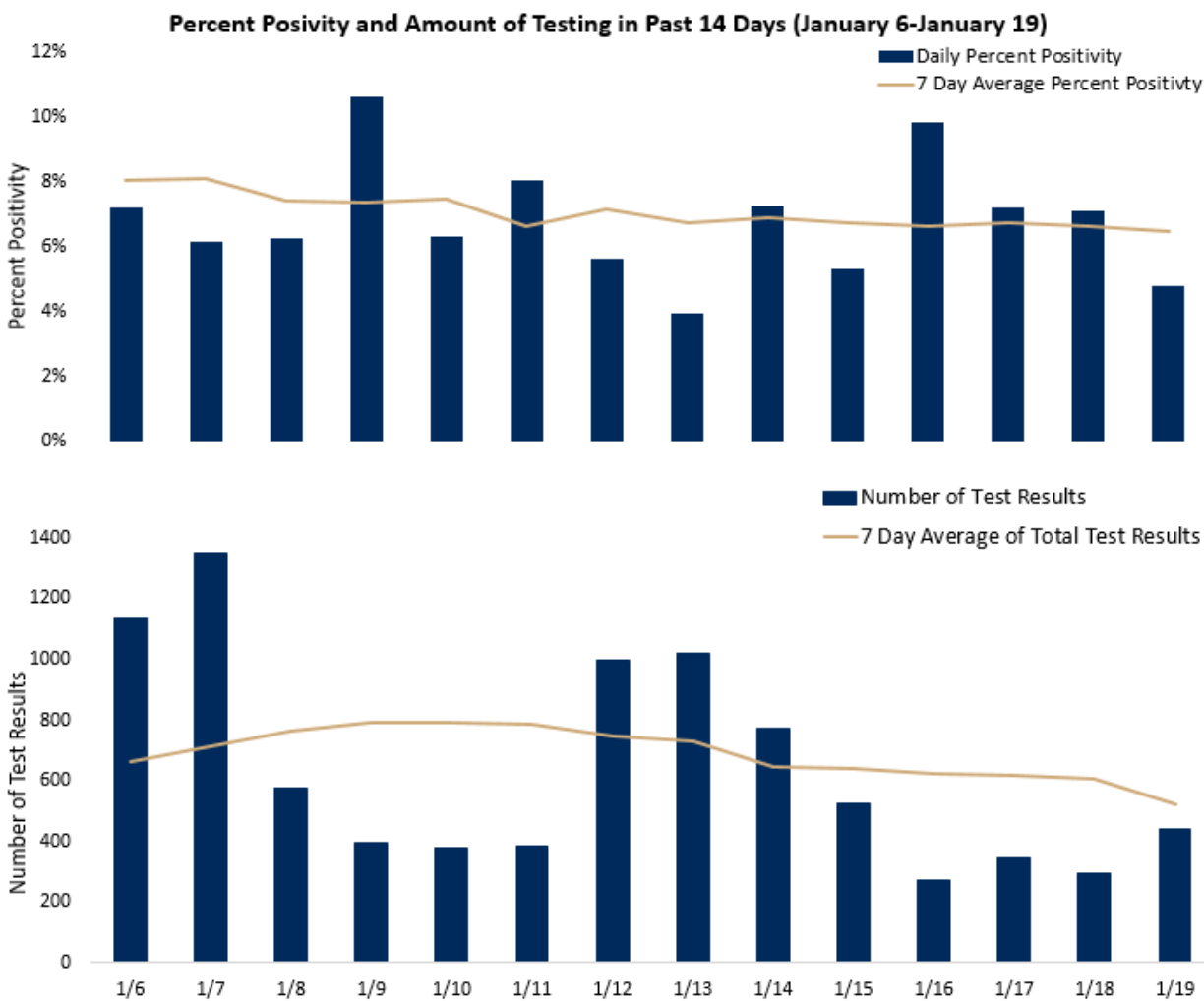


Amount of Testing and Percent Positivity

Adequate testing capacity and utilization are necessary for identification of active infections of COVID-19, and investigations into those positive cases helps prevent the spread of the virus. Higher disease activity requires more testing to identify and isolate enough infected people to slow the spread. The percent positivity helps determine if there is adequate testing. A high percent positivity may indicate an inadequate amount of testing, which limits the number of identified cases and subsequent contact tracing used to help reduce the spread of the virus. Our current goal is to have enough testing to keep the percent positivity below 5%. View the [DHS COVID Local Activity Level](#) page to see percent positivity for the state, counties, and regions.

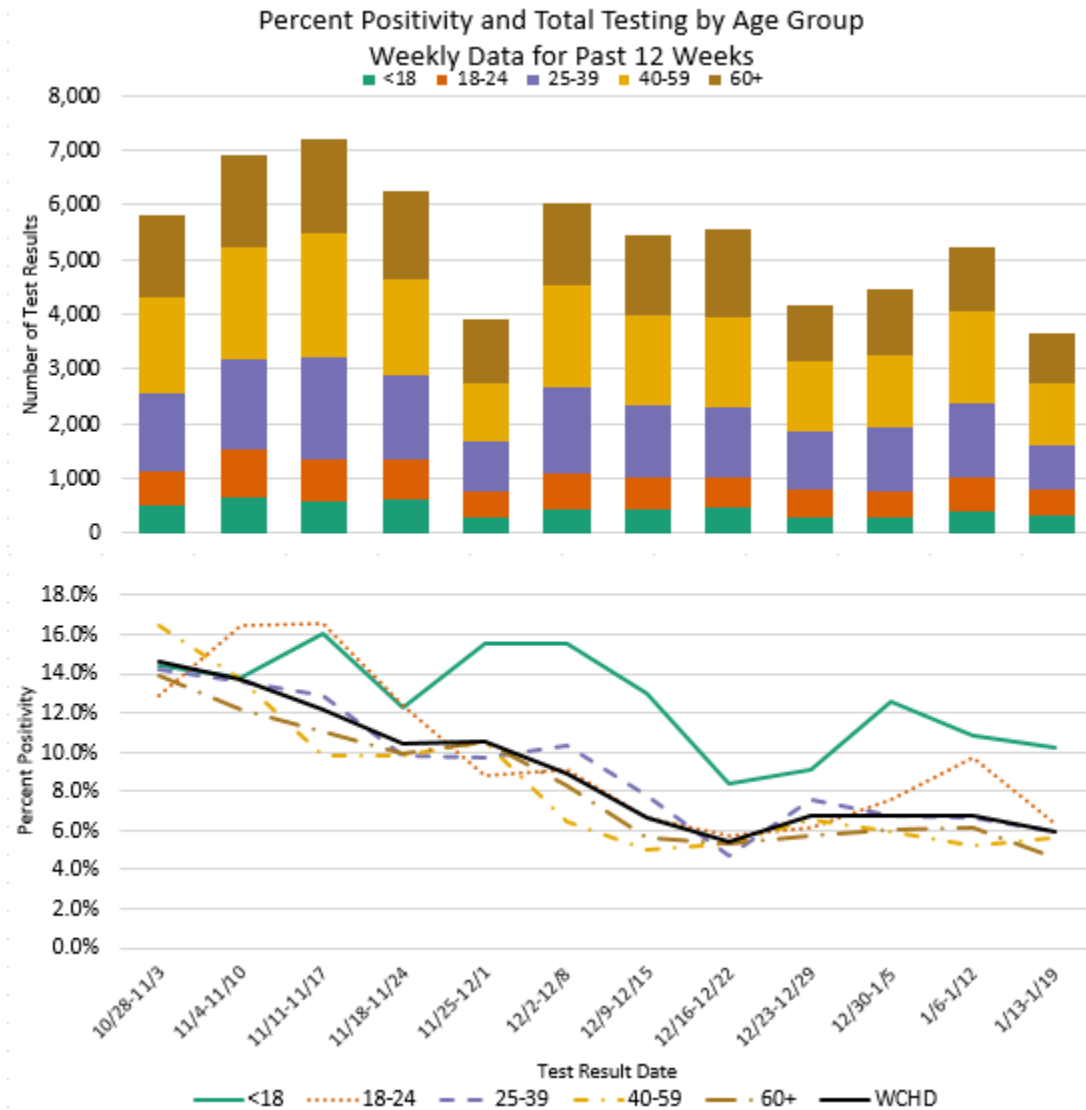
Over the past two weeks, **6.4% of tests were positive**, which is a slight decrease from 6.8% positivity last week. Percent positivity remains above our goal of remaining below 5% positivity. Daily positivity ranged from 3.9% to 10.6%. Over the past two weeks an **average of 635 PCR tests** were conducted each day among residents within the Winnebago County Health Department jurisdiction. Antigen tests are not included in the testing numbers or the percent positivity calculation. A PCR confirmed case is only counted once in the percent positivity calculation, meaning a person with multiple positive PCR tests only counts as one confirmed case.

The [regional COVID-19 testing site](#) at Sunnyview Expo Center in Oshkosh performed 1,268 tests in the past two weeks. [Testing](#) is also available at other locations including [CVS pharmacies](#) and multiple community test sites in [Oshkosh](#), [Neenah](#), [Menasha](#), [Fond du Lac](#), [Appleton](#), and [Waupaca](#).



Amount of Testing and Percent Positivity by Age Group

The figures below show the percent positivity and total testing numbers by age group. Antigen tests are not included in the testing numbers or the percent positivity calculation. A PCR confirmed case is only counted once in the percent positivity calculation, meaning a person with multiple positive PCR tests only counts as one confirmed case. **Over the past week**, individuals under 18 years old had the highest percent positivity (10.2%) and the lowest testing rate (1,015 tests per 100,000 individuals under 18 years old).

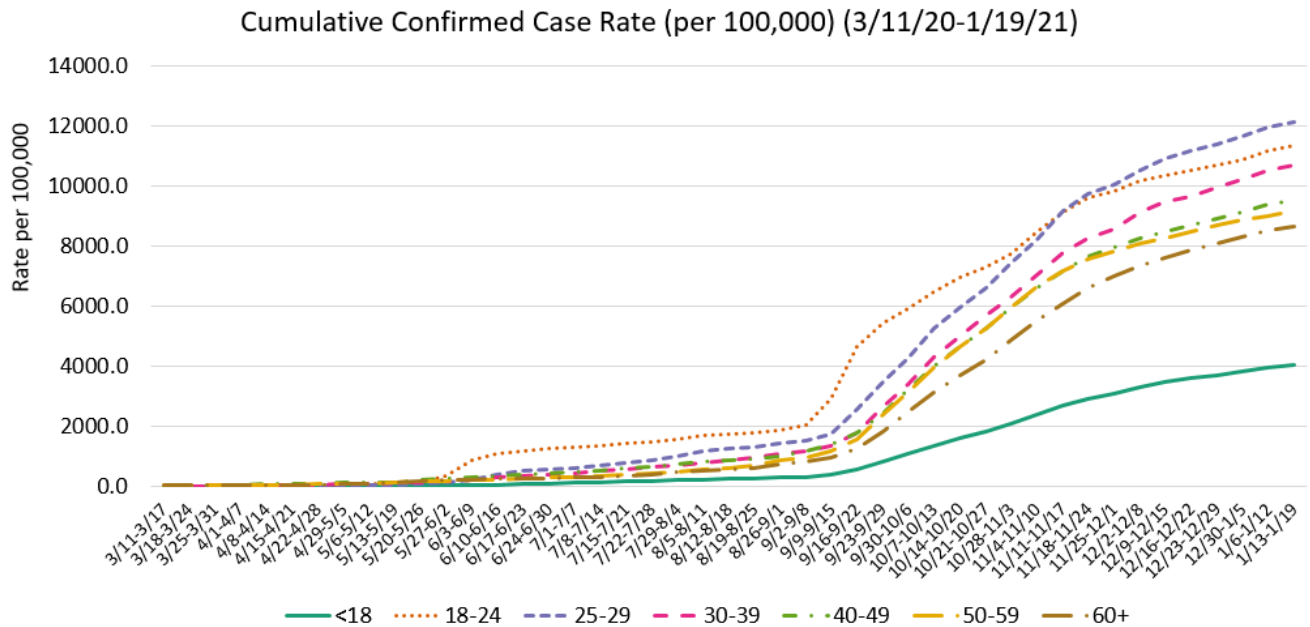


View national percent positivity trends [here](#).

1/13/21-1/19/21	<18	18-24	25-39	40-59	60+	Total
Percent Positivity	10.2%	6.4%	5.9%	5.6%	4.6%	5.9%
Testing Rates per 100,000 population	1,015	2,465	2,806	2,767	2,865	2,390
Number of Tests	314	471	825	1,137	927	3,674
Population	30,928	19,108	29,405	41,095	32,359	152,895

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 had the highest confirmed case rate.**

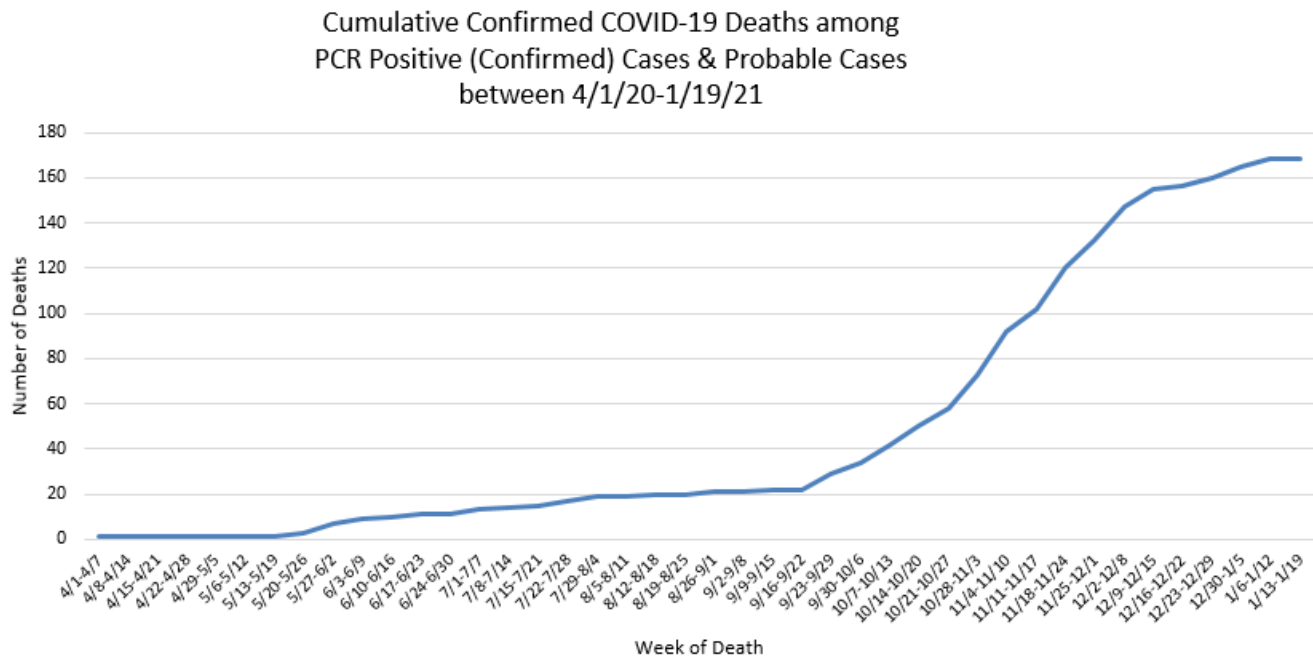
Age Group	Past Two Weeks (1/6/21-1/19/21)				Doubling Time (Days)	Cumulative Confirmed Case Count	Population***
	Case Count	Case Rate (per 100,000)	Percent increase in total cases in that age group	Percent of Cumulative Cases in that age group			
<18	75	242.5	6.4%	6.0%	158.4	1,250	30,928
18-24	90	471.0	4.3%	4.2%	231.0	2,167	19,108
25-29	50	493.5	4.2%	4.1%	236.0	1,229	10,132
30-39	89	461.8	4.5%	4.3%	222.0	2,061	19,273
40-49	78	427.0	4.7%	4.5%	213.9	1,742	18,269
50-59	75	328.6	3.7%	3.6%	269.2	2,098	22,826
60+	115	355.4	4.3%	4.1%	233.3	2,796	32,359

***Age Group Population Data comes from the [2018 census](#). Total Population size across all age groups (152,895) 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	14	1	15	12.4	120,536
60-69	19	5	24	145.5	16,491
70-79	26	12	38	396.1	9,594
80-89	29	29	58	1,450.4	6,274
90+	8	25	33		
Total	96	72	168	109.9	152,895

All Confirmed COVID-19 Deaths by Ethnicity, Race, and Sex		
Ethnicity	Hispanic/Latino or Unknown	11
	Not Hispanic/Latino	157
Race	Other or Unknown	11
	White	157
Sex	Female	70
	Male	98

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.

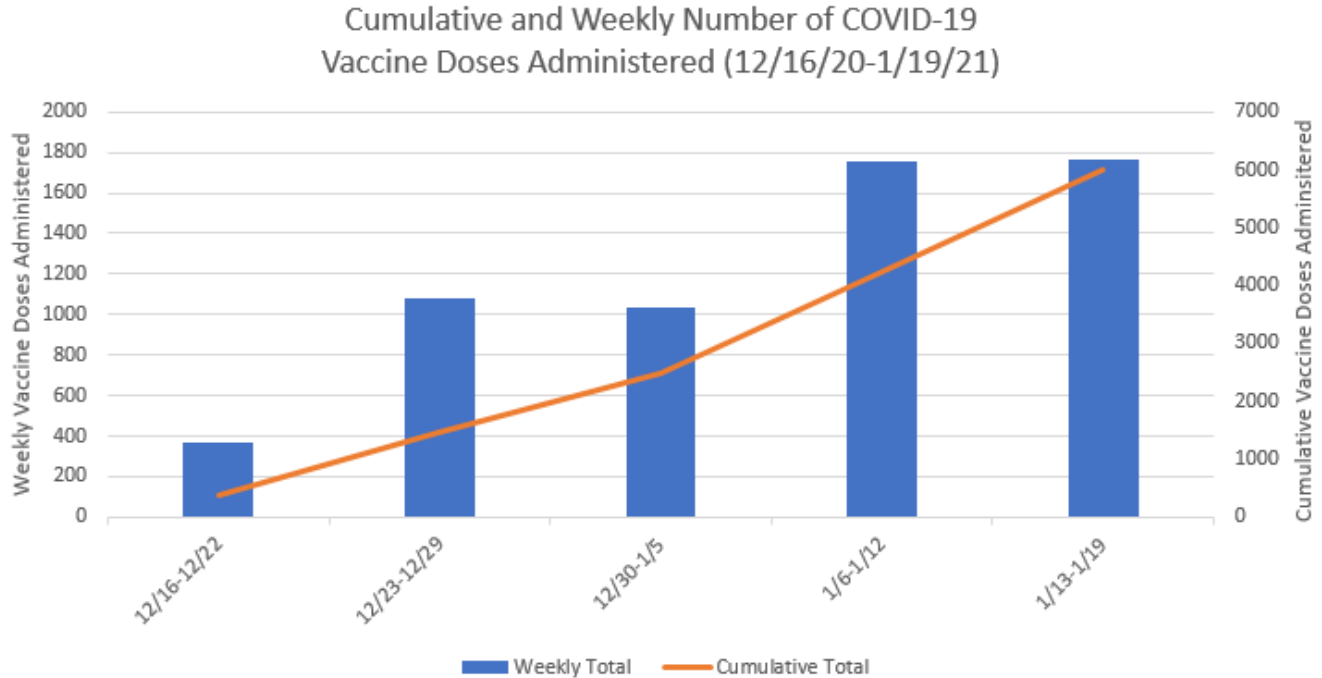
Not group housing facility: single family homes, apartments, condos, duplexes or townhouses

COVID-19 Vaccination Data

Winnebago County is currently in Phase 1a of vaccine distribution, which includes healthcare providers, long term care facilities and first responders. See a [complete list](#) of who is eligible for Phase 1a in Wisconsin.

As of 1/20/2021, **260,402 doses** of COVID-19 vaccine have been administered to [Wisconsin residents](#).

As of 1/20/2021, **6,028 doses** of COVID-19 vaccine have been administered to Winnebago County residents, with 5,309 residents receiving their first dose and 719 receiving their second dose of the COVID-19 vaccine.



This table shows the number and percent of Winnebago County residents who have received at least one dose of the COVID-19 vaccine by demographic breakdown.

		Number	Percent	Population			Number	Percent	Population
Ethnicity	Hispanic or Latino	69	1.0%	6,789	Sex	Female	3917	4.6%	84,329
	Not Hispanic or Latino	4762	2.9%	163,137		Male	1378	1.6%	85,597
	Unknown	478				Unknown	14		
Race	American Indian or Alaska Native	14	1.4%	970	Age Group	<18	8	0.1%	35,149
	Asian	115	2.5%	4,582		18-24	335	1.6%	20,521
	Black or African-American	30	0.8%	3,829		25-29	411	3.6%	11,453
	Native Hawaiian or Other Pacific Islander	2	10.0%	20		30-39	1005	4.7%	21,606
	Other Race	531	13.4%	3,954		40-49	1045	5.2%	20,234
	White	4068	2.6%	156,571		50-59	1235	4.9%	25,018
	Unknown	549				60+	1270	3.5%	35,945

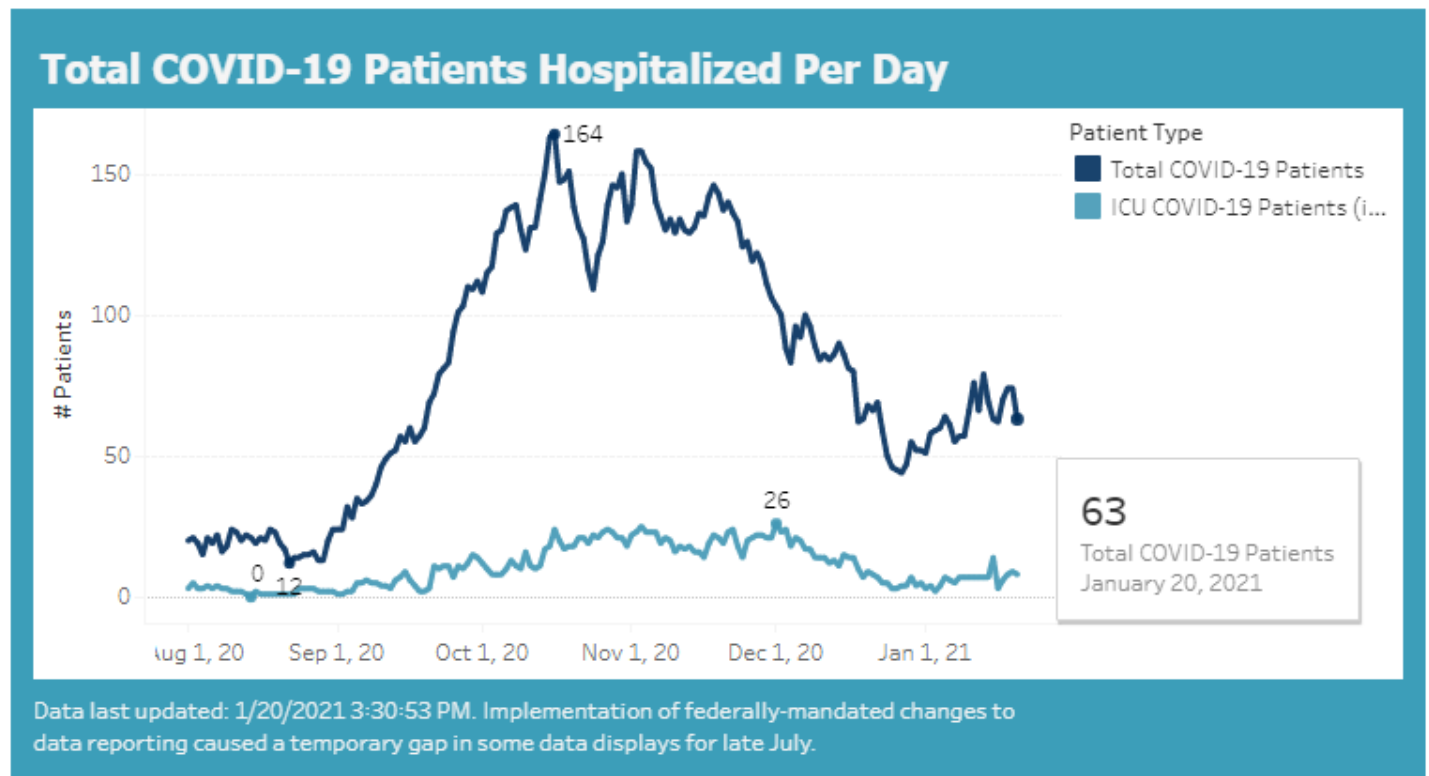
Healthcare Measures for the Fox Valley Area

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.

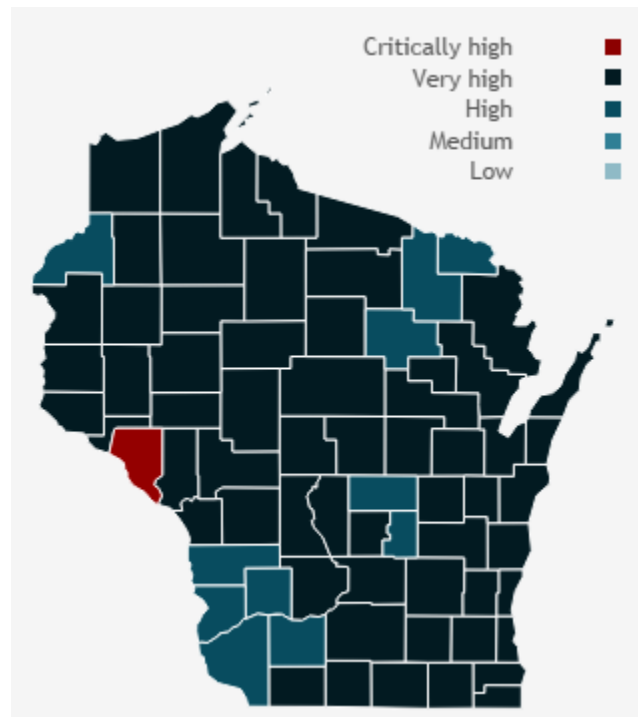
COVID-19 hospitalizations continue to remain high across the state. As of 1/20/2021, there were **63 COVID-19 patients hospitalized** in the Fox Valley Area hospitals with 8 of those patients in the ICU.

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



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

Updated 1/20/2021



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 20, 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	740	437.0 Very High	-19% ▼	Very High ■
Fox Valley Area	2,875	527.2 Very High	-29% ▼	Very High ■
Outagamie	1,277	694.8 Very High	-39% ▼	Very High ■
Wisconsin	31,177	539.3 Very High	-32% ▼	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](#).