



**Public Health**  
Prevent. Promote. Protect.

**Winnebago County  
Health Department**

# Winnebago County Health Department COVID-19 Weekly Data Summary

April 1, 2021

## Summary

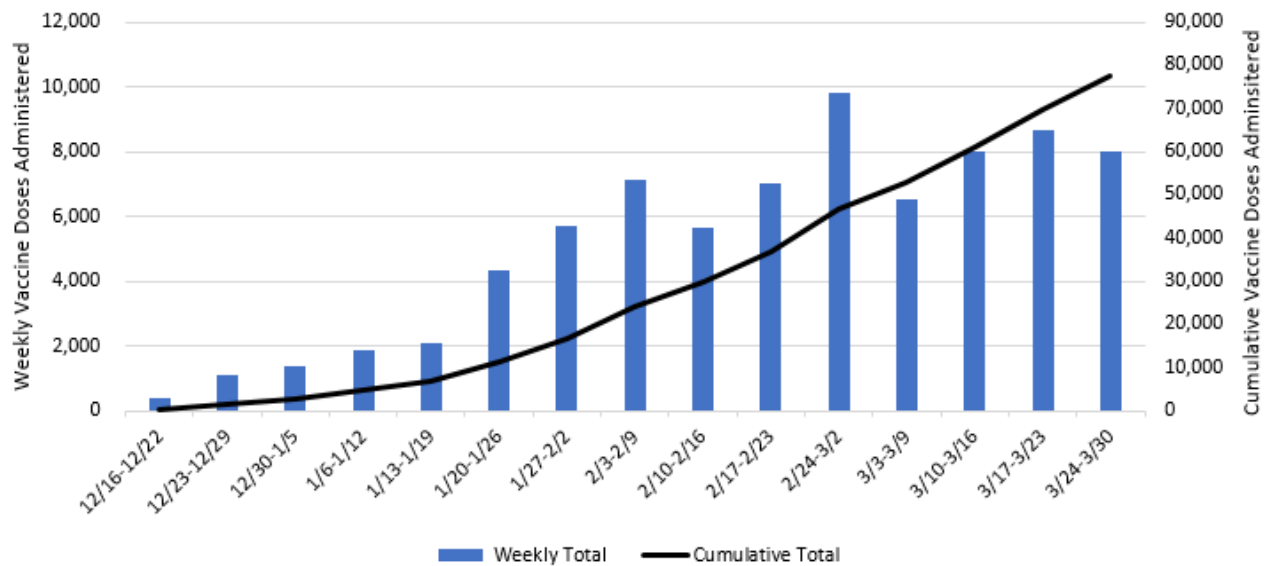
- Wearing a mask is an [effective way](#) to [stop the spread](#) of COVID-19. We are starting to see variants in Northeast Wisconsin and want to prevent a surge of COVID-19 cases from spring break, the Easter holiday and the more casual attitudes about group gatherings now that vaccination is underway. Because of this, it's important to continue to follow [masking](#), social distancing, and hand washing recommendations.
- Travel increases your chances of getting and spreading COVID-19. CDC recommends that you *do not travel* at this time. If you must travel, please see [CDC's COVID-19 travel considerations](#). It is recommended to [get tested](#) for COVID before and after travel.
- [COVID-19 Testing](#) is recommended for anyone with symptoms, with known exposure as well as those without symptoms but feel they have a need for a test, such as those who have many exposures in the community due to their normal activities. [Anyone who feels they need a test should get a test](#). Testing resources are plentiful and the CDC encourages widespread testing to identify asymptomatic cases so measures can be taken to avoid the spread of COVID-19. PCR test results are generally coming back within 24 hours at [Sunnyview Expo Center](#). The newest COVID-19 testing option lets you collect your own saliva sample from the comfort of your home. Learn about this free at-home collection kit and request one today on the [DHS website](#).
- There is a greater accessibility to the COVID-19 vaccine in recent weeks. We encourage you to take the first opportunity presented to you to get vaccinated as vaccine supply continues to change frequently. All vaccines have been found to be greatly effective in preventing death and serious illness. See our [new vaccine website](#) for updates and vaccine clinic locations. When you do get vaccinated, please see these [tips](#).
- Starting Monday, April 5, everyone age 16 and older will be eligible for the COVID-19 vaccine. Pfizer is the only vaccine currently available for 16- and 17-year-olds. Not [all locations](#) administer vaccines to those under 18 and not all carry Pfizer.
- As of March 31, **77,645** COVID-19 vaccine doses have been administered to Winnebago County residents that are [currently eligible](#) to receive the vaccine, and **2,754,147** doses of COVID-19 vaccine have been administered to Wisconsin residents.
- **Our confirmed + probable case burden remains high and relatively unchanged over the past few weeks.** The confirmed + probable case rate over the past 2 weeks for our jurisdiction is 159.4 cases per 100,000 people, a slight increase from 156.1 cases per 100,000 reported last week. The number of cases (confirmed/probable) in the first week of this 2-week timeframe was 82/33 and for this most recent week is 87/43.
- Individuals aged 30-39 had the highest PCR confirmed case rates of 176.4 per 100,000. Rates are lowest in those aged 60+ (52.5 per 100,000).
- There are currently 13 COVID-19 patients hospitalized in the Fox Valley.
- There has been a total of 185 confirmed COVID-19 deaths among confirmed and probable cases.
- Over this past week, 2.8% of [PCR tests in Wisconsin](#) were positive, 3.1% of PCR tests across all of Winnebago County were positive, and 2.9% of PCR tests across Winnebago County Health Department jurisdiction were positive. Over the past two weeks, 2.5% of PCR tests were positive in our jurisdiction. Many people with symptoms are only receiving antigen tests, which are excluded from the percent positivity calculation and likely leads to artificially lower percentages.
- Over the past two weeks, a daily average of 475 PCR tests were conducted among residents within the Winnebago County Health Department jurisdiction.

## COVID-19 Vaccination Data

As of 3/31/2021, **2,754,147** doses of [COVID-19 vaccine](#) have been administered to [eligible](#) Wisconsin residents with 30.3% of Wisconsin population having received at least one dose of the COVID-19 vaccine and 17.9% of Wisconsin population have been fully vaccinated.

As of 3/31/2021, **77,645** doses of COVID-19 vaccine have been administered to Winnebago County residents with 28.6% of the county population having received at least one dose of the COVID-19 vaccine and 17.9% of the county population have been fully vaccinated.

Cumulative and Weekly Number of COVID-19  
Vaccine Doses Administered (12/16/2020-3/30/2021)



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. Data will differ slightly from what is posted on the [DHS website](#) due to differences in population estimates used and because the data is extracted at a different time of day.

		Number	Percent	Population			Number	Percent	Population
Ethnicity	Hispanic or Latino	757	10.8%	7,017	Sex	Female	28,355	33.5%	84,556
	Not Hispanic or Latino	45,486	27.8%	163,394		Male	20,208	23.5%	85,855
	Unknown	2,418				Unknown	98		
Race	American Indian or Alaska Native	184	18.2%	1,010	Age Group	16-17	187	4.6%	4,103
	Asian	770	16.2%	4,748		18-24	2,078	10.1%	20,491
	Black or African-American	274	7.1%	3,874		25-34	4,292	19.1%	22,442
	Native Hawaiian or Other Pacific Islander	50	38.8%	129		35-44	5,448	27.0%	20,144
	Other Race	1,291	30.1%	4,291		45-54	5,890	26.3%	22,390
	White	43,108	27.6%	156,359		55-64	8,597	37.6%	22,846
	Unknown	2,984				65-74	12,560	83.5%	15,050
						75+	9,609	80.3%	11,964

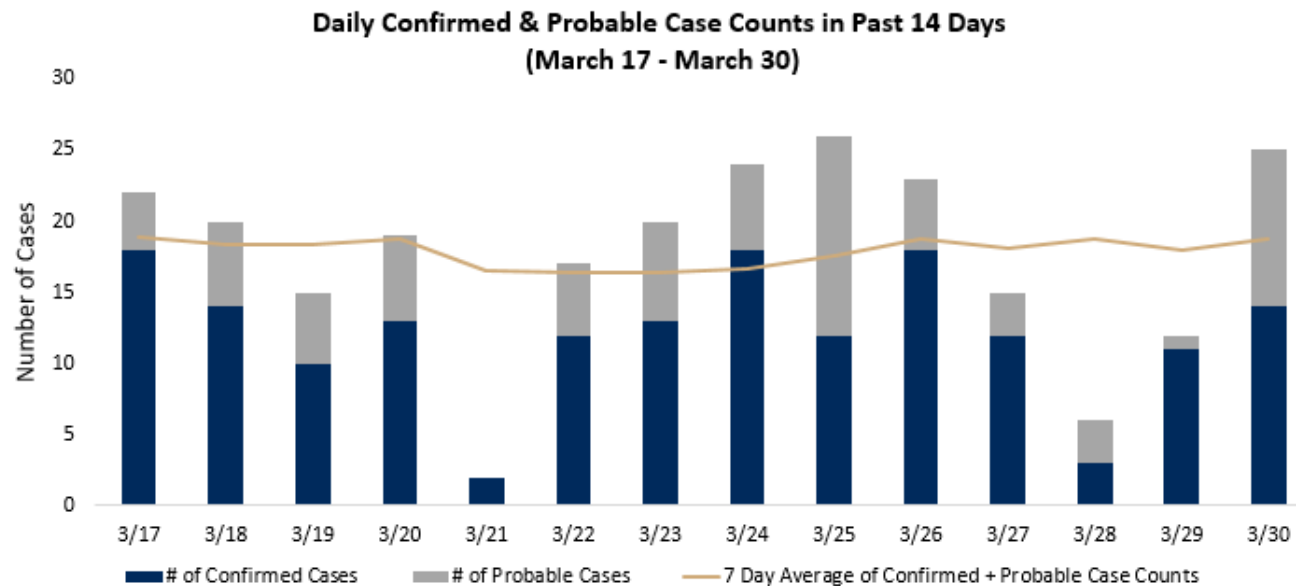
## Reported Case Counts

	Case Counts for the Past 14 Days 3/17/2021-3/30/2021	Cumulative Case Counts 3/9/2020-3/31/2021
Confirmed Cases	169	14,518
Active Cases		130 (1% of cumulative cases)
Recovered Cases		14,226 (98% of cumulative cases)
Probable Cases	76	2,674
Negative Cases	1,872	81,697
Deaths**	0	185
Among Confirmed Cases	0	162
Among Probable Cases	0	23

\*\*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. Data includes COVID 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 17.6 confirmed and probable cases per day, which is a slight increase from 17.1 confirmed and probable cases per day reported last week. Total daily confirmed and probable cases ranged from 2 to 26 cases.** There was an average of 12.1 confirmed cases per day, which is a slight increase from 11.6 cases per day reported last week. There was an average of 5.4 probable cases per day, which is a slight decrease from 5.5 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 detects 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.

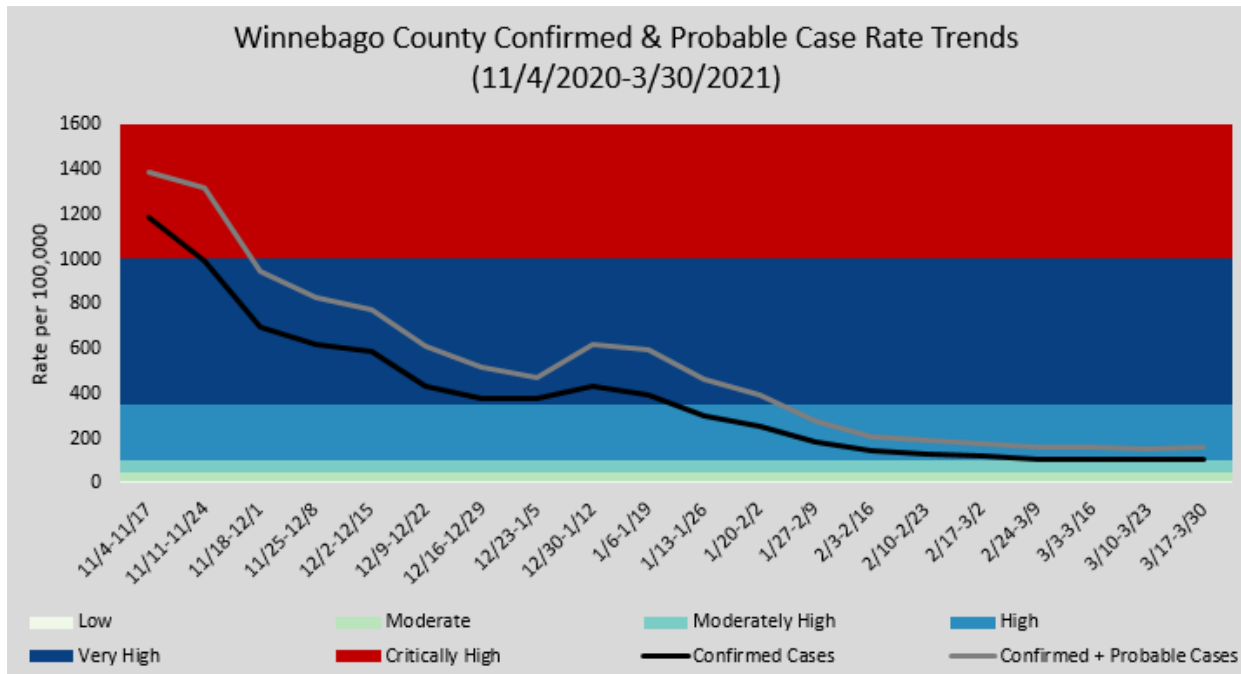
Dates	Confirmed Cases	Probable Cases	Total (Confirmed + Probable)
3/17-3/23	82	33	115
3/24-3/30	87	43	130
Total for last two weeks	169	76	245
<b>Case rates for last two weeks (per 100,000 population)</b>	<b>109.9</b>	<b>49.4</b>	<b>159.4</b>

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

Case rate is determined by number of new confirmed cases in a particular group (such as an age group) during the past two weeks, divided by the population of that particular group, multiplied by 100,000. 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 per 100,000 people for the Winnebago County Health Department Jurisdiction. These case rates are based on confirmed and probable case counts during a two-week time span.

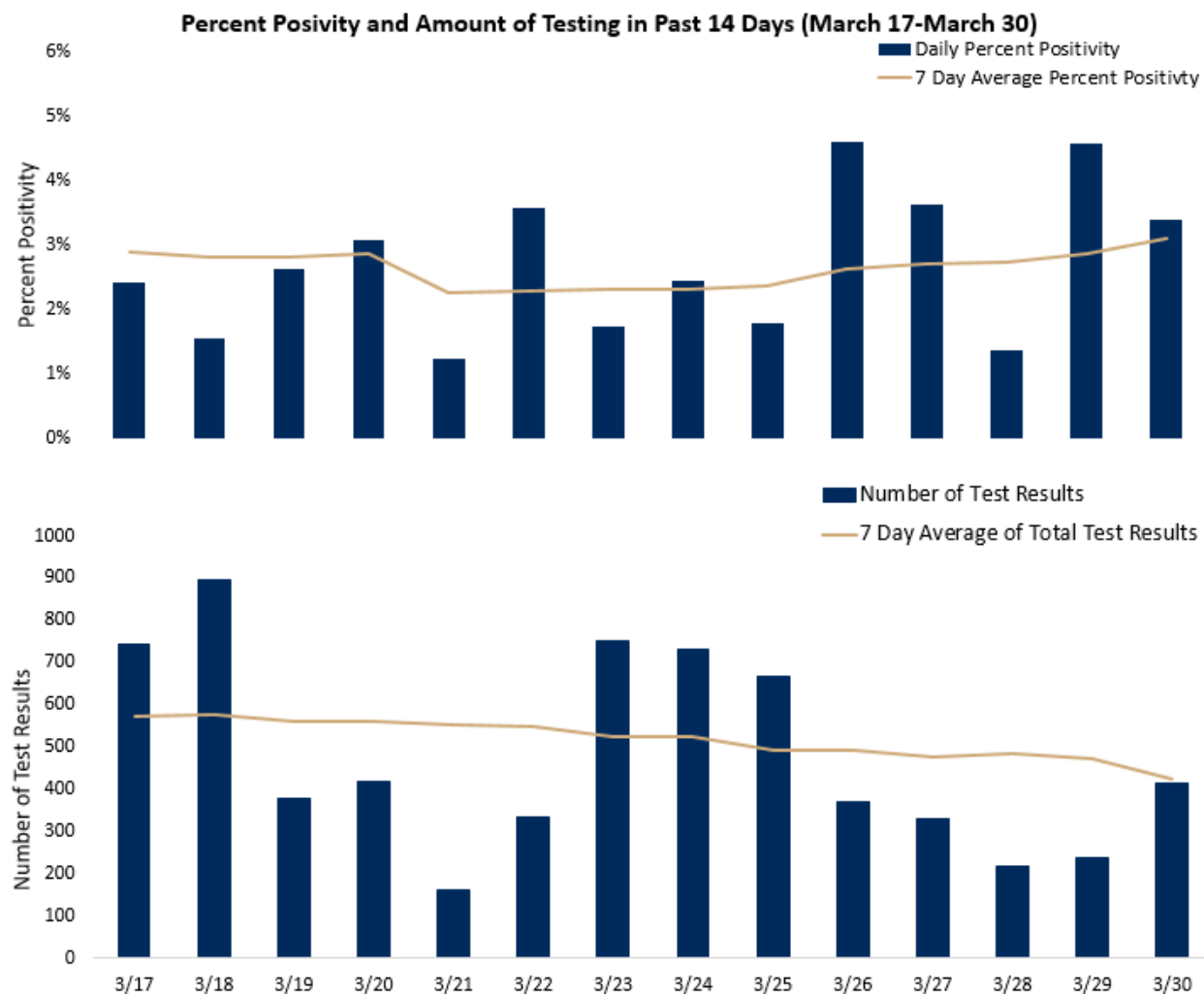


## Amount of Testing and Percent Positivity

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.

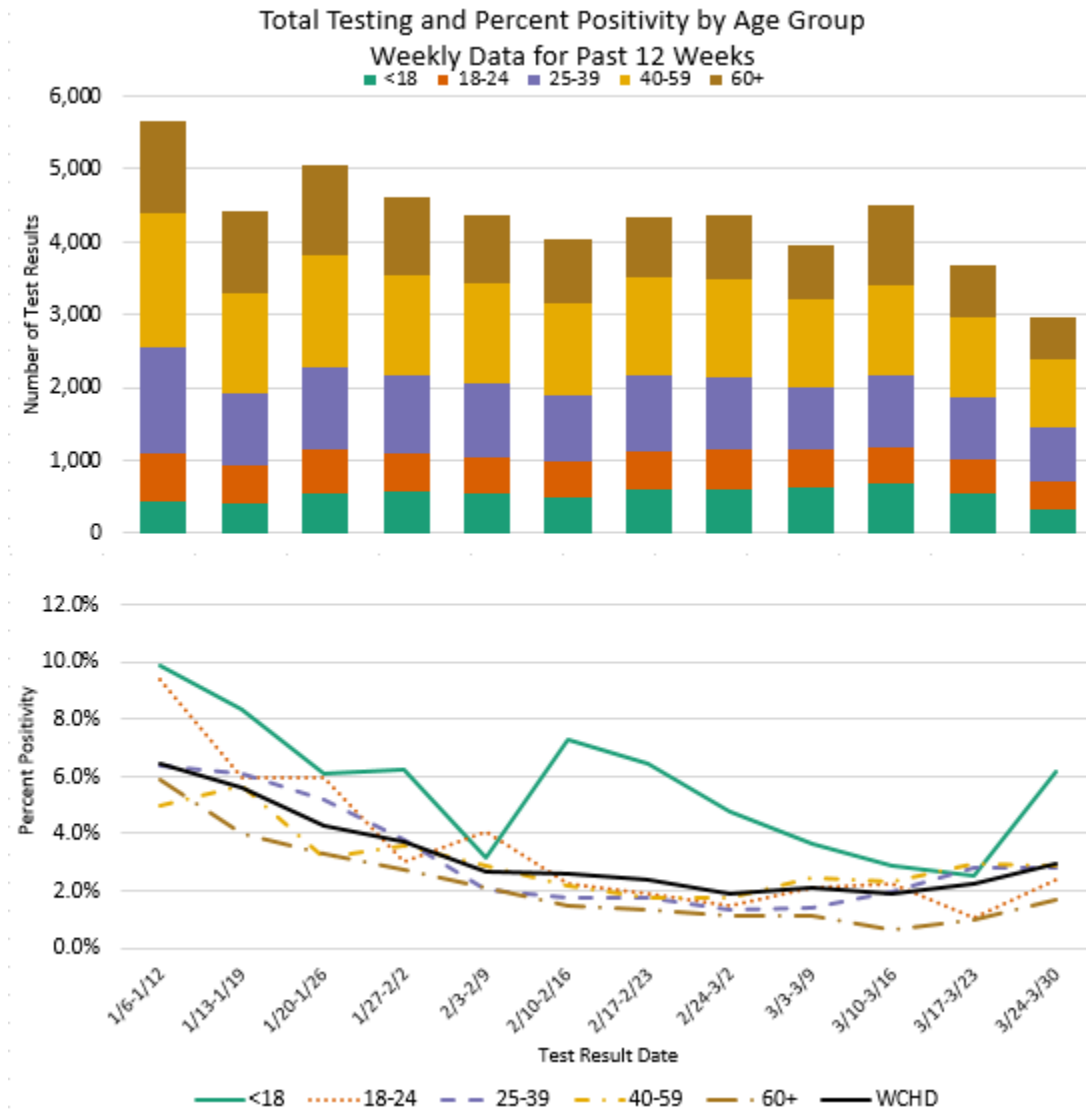
Over the past two weeks, **2.5% of PCR tests were positive**, which is a slight increase from the 2.1% positivity reported last week. Daily positivity ranged from 1.2% to 4.6%. Over the past two weeks an **average of 475 PCR tests** were conducted each day among residents within the Winnebago County 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.

[Testing](#) is available at the [regional COVID-19 testing site](#) at Sunnyview Expo Center in Oshkosh as well as other locations including [CVS pharmacies](#) and multiple community test sites in [Oshkosh](#), [Neenah](#), [Menasha](#), and [Appleton](#).



## 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 had the highest percent positivity (6.1%) and the lowest testing rate (1,054 tests per 100,000 individuals under 18 years old).

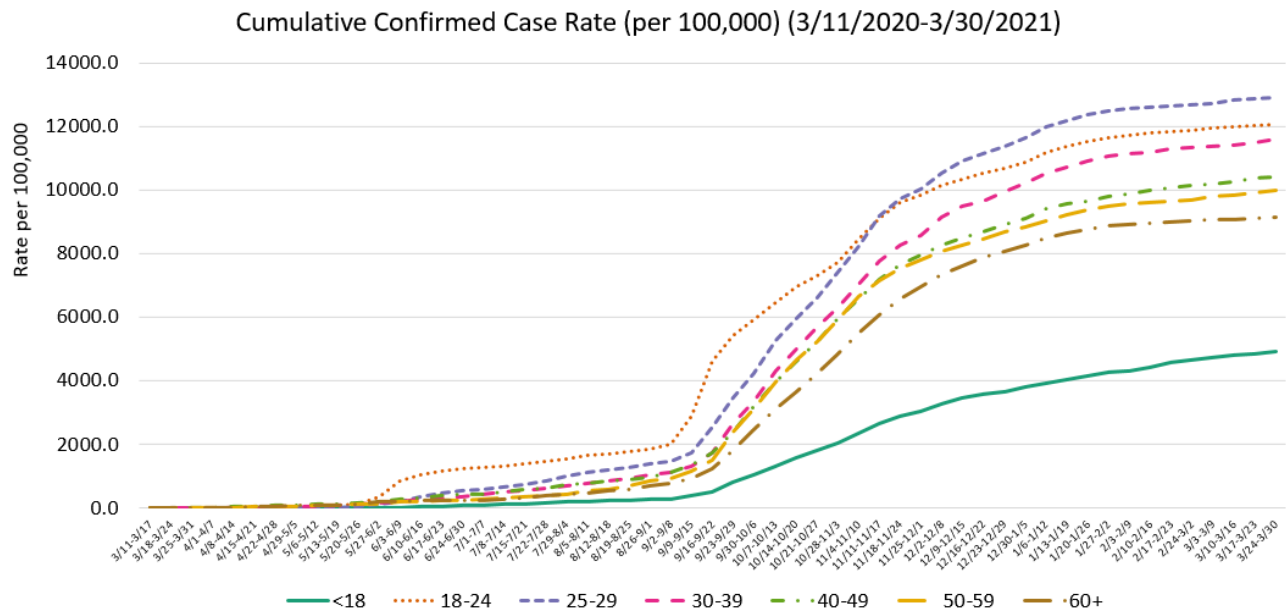


View national percent positivity trends [here](#).

3/24/21-3/30/21	<18	18-24	25-39	40-59	60+	Total
Percent Positivity	6.1%	2.4%	2.8%	2.9%	1.7%	2.9%
Testing Rates per 100,000 population	1,054	1,963	2,530	2,297	1,805	1,944
Number of Tests	326	375	744	944	584	2,973
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 30-39 had the highest PCR confirmed case rate.**

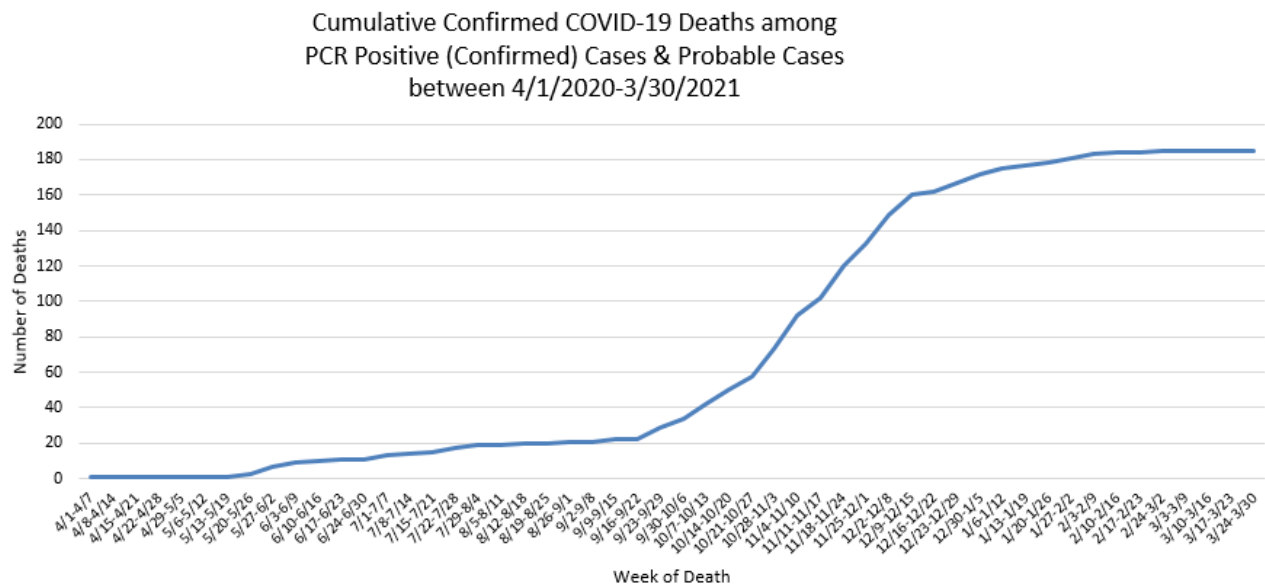
Age Group	Past Two Weeks (3/17/21-3/30/21)				Doubling Time (Days)	Cumulative Confirmed Case Count	Population***
	Case Count	Case Rate (per 100,000)	Percent increase in total cases in that age group	Percent of Cumulative Cases in that age group			
<18	34	109.9	2.3%	2.2%	433	1,519	30,928
18-24	14	73.3	0.6%	0.6%	1,611	2,308	19,108
25-29	10	98.7	0.8%	0.8%	1,278	1,309	10,132
30-39	34	176.4	1.5%	1.5%	639	2,235	19,273
40-49	25	136.8	1.3%	1.3%	741	1,903	18,269
50-59	35	153.3	1.6%	1.5%	635	2,285	22,826
60+	17	52.5	0.6%	0.6%	1,699	2,956	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	16	1	17	14.1	120,536
60-69	19	6	25	151.6	16,491
70-79	28	14	42	437.8	9,594
80-89	32	32	64	1,609.8	6,274
90+	9	28	37		
Total	104	81	185	121.0	152,895

All Confirmed COVID-19 Deaths by Ethnicity, Race, and Sex		
Ethnicity	Hispanic/Latino or Unknown	11
	Not Hispanic/Latino	174
Race	Other or Unknown	11
	White	174
Sex	Female	78
	Male	107

**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



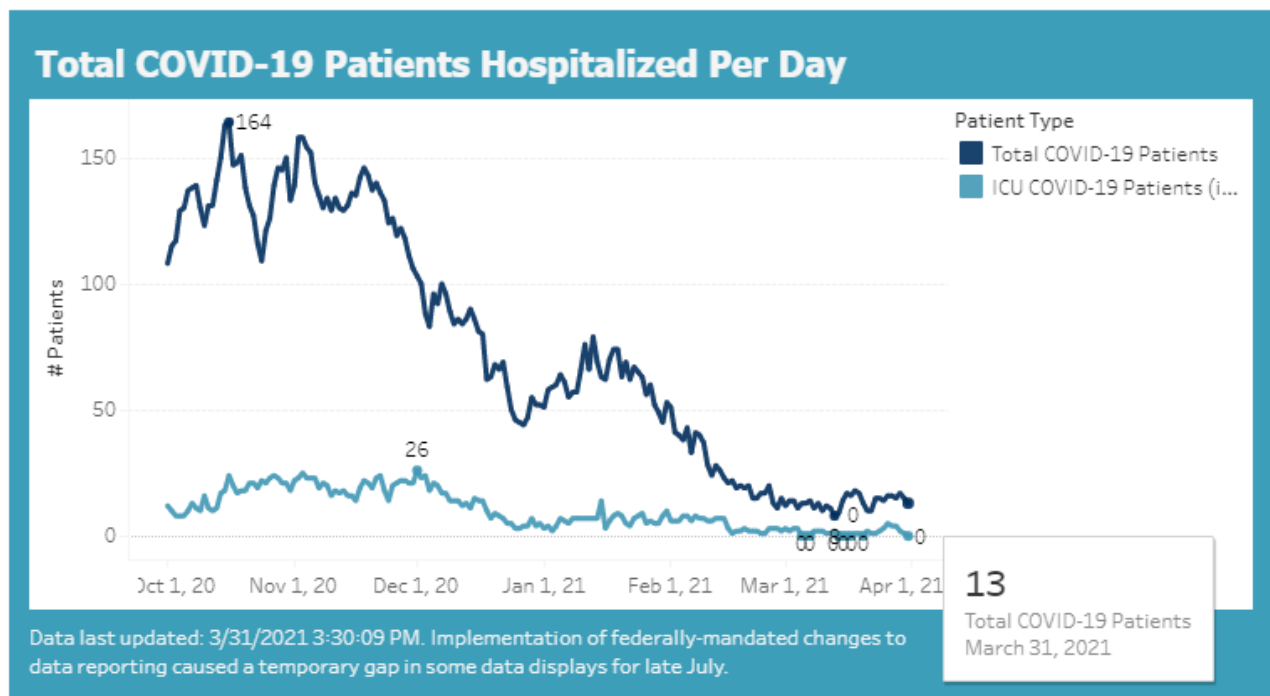
## Healthcare Measures for the Fox Valley Area

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.

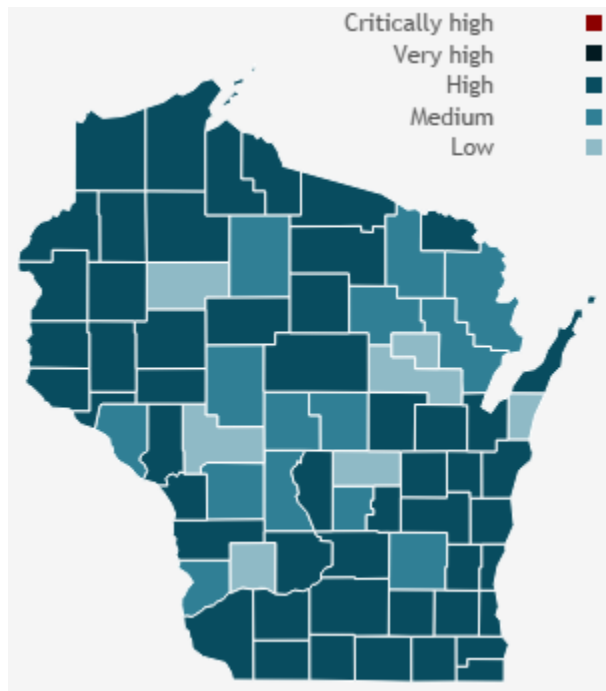
As of 3/31/2021, there were **13 COVID-19 patients hospitalized** in the Fox Valley Area hospitals with 0 of those patients in the ICU.

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 3/31/2021



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 March 31, 2021, Winnebago County\*\*\*\* and the Fox Valley Region are both classified as having a **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	193	114.0	High	N/A	↔	High	■
Fox Valley Area	563	103.2	High	N/A	↔	High	■
Outagamie	263	143.1	High	N/A	↔	High	■
Wisconsin	6,636	114.8	High	N/A	↔	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](#).

## Background Information

This report provides *preliminary* data on confirmed COVID-19 cases from March 17, 2021 – March 30, 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](#)
- [Trend Data Graphs](#)