



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department COVID-19 Weekly Data Summary

April 22, 2021

Summary

While we are seeing a decrease in COVID-19 cases this week, Wisconsin is experiencing an increase in COVID-19 cases caused by virus variants. To track the presence of these variants, check out the regional COVID-19 [variant tracker](#). Only 28.4% of Winnebago County residents are fully vaccinated. Let's prioritize getting vaccinated and continuing to wear a mask. Visit www.wcvaccine.org for information on where to get vaccinated.

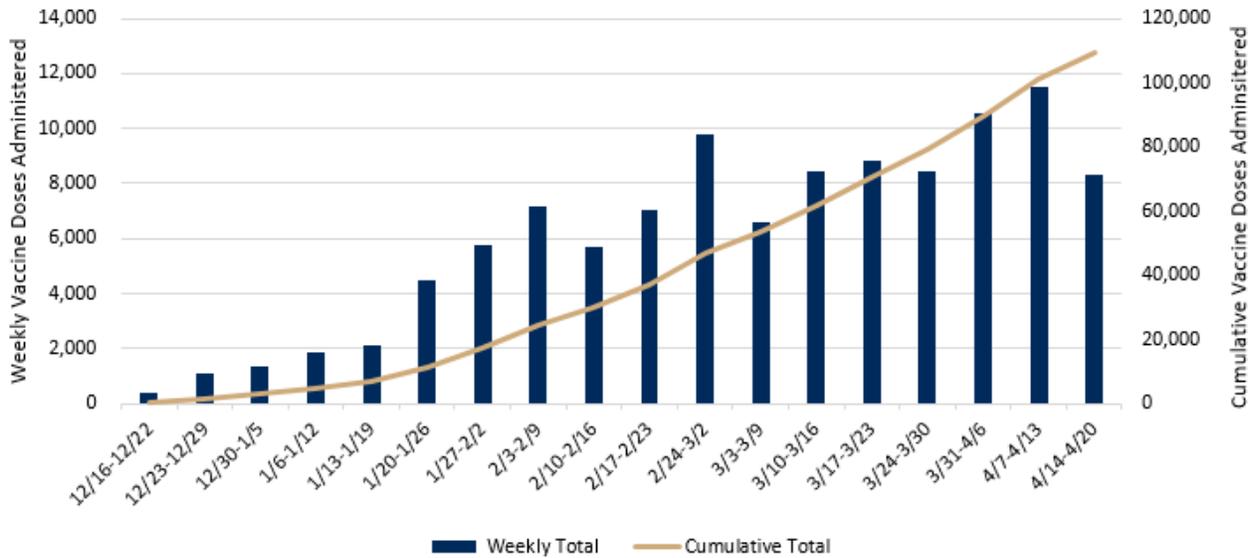
- **Our confirmed + probable case burden has seen a decrease this week but case burden still remains high.** The confirmed + probable case rate over the past 2 weeks for our jurisdiction is 164.6 cases per 100,000 people, an 18% decrease from the 201.0 cases per 100,000 people reported last week. The number of cases (confirmed/probable) in the first week of this 2-week timeframe was 115/33 and for this most recent week is 72/33.
- As the number of cases continue to remain high, it is important that we keep up with safety and preventive measures. In public spaces, continue to social distance, wear masks, and wash your hands.
- [Anyone who feels they need a COVID test should get a test](#). Anyone with symptoms, with known exposure as well as those without symptoms but feel they have a need for a test should get tested. 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. [Sunnyview Expo Center](#) PCR test results have a quick turnaround (approximately 24 hours). [Department of Health Services](#) is also offering at-home saliva sample collection kits to test for current COVID-19 infection.
- [Wisconsin Department of Health Services](#) encourages everyone age 16 and older to schedule a COVID-19 vaccination appointment. Anyone that lives, works, or studies in Wisconsin can get vaccinated for free—even if you cannot provide proof of residency, do not have a valid state identification, or do not have insurance. Visit www.wcvaccine.org to schedule an appointment. *Pfizer is the only vaccine currently available for 16 and 17 year-olds.* Not [all locations](#) administer vaccines to those under 18 as not all carry Pfizer. When you do get vaccinated, please see these [tips](#).
- As of April 21, **109,468** COVID-19 vaccine doses have been administered to Winnebago County residents, and **3,887,430** doses of COVID-19 vaccine have been administered to Wisconsin residents. Almost half (47.1%) of eligible residents (aged 16+) in Winnebago County have received at least one dose of the COVID-19 vaccine.
- In the past two weeks, individuals aged 25-29 had the highest PCR confirmed case rates of 167.8 per 100,000. Rates were lowest in those aged 60+ and 40-49 (92.7 and 93.1 cases per 100,000 people).
- There are currently 18 COVID-19 patients hospitalized in the Fox Valley.
- There has been a total of 187 confirmed COVID-19 deaths among confirmed and probable cases, with one new death occurring in the past two weeks.
- Over this past week, 3.4% of [PCR tests in Wisconsin](#) were positive, 2.4% of PCR tests across all of Winnebago County were positive, and 2.2% of PCR tests across Winnebago County Health Department jurisdiction were positive. Over the past two weeks, 2.7% 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 498 PCR tests were conducted among residents within the Winnebago County Health Department jurisdiction.

COVID-19 Vaccination Data

As of 4/21/2021, **3,887,430 doses** of [COVID-19 vaccine](#) have been administered to Wisconsin residents with 40.7% of Wisconsin population having received at least one dose of the COVID-19 vaccine and 28.8% of Wisconsin population have been fully vaccinated.

As of 4/21/2021, **109,468 doses** of COVID-19 vaccine have been administered to Winnebago County residents with 38.5% of the county population having received at least one dose of the COVID-19 vaccine and 28.4% of the county population have been fully vaccinated. Of Winnebago County residents aged 16 or older, 47.1% have received at least one dose of the COVID-19 vaccine.

Cumulative and Weekly Number of COVID-19 Vaccine Doses Administered (12/16/2020-4/20/2021)



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	1,387	19.8%	7,017	Sex	Female	36,559	43.2%	84,556
	Not Hispanic or Latino	60,965	37.3%	163,394		Male	28,834	33.6%	85,855
	Unknown	3,258				Unknown	217		
Race	American Indian or Alaska Native	272	26.9%	1,010	Age Group	16-17	754	18.4%	4,103
	Asian	1,531	32.2%	4,748		18-24	3,894	19.0%	20,491
	Black or African-American	498	12.9%	3,874		25-34	7,026	31.3%	22,442
	Native Hawaiian or Other Pacific Islander	77	59.7%	129		35-44	8,428	41.8%	20,144
	Other Race	1,812	42.2%	4,291		45-54	9,231	41.2%	22,390
	White	57,317	36.7%	156,359		55-64	13,079	57.2%	22,846
	Unknown	4,103				65-74	13,313	88.5%	15,050
						75+	9,883	82.6%	11,964

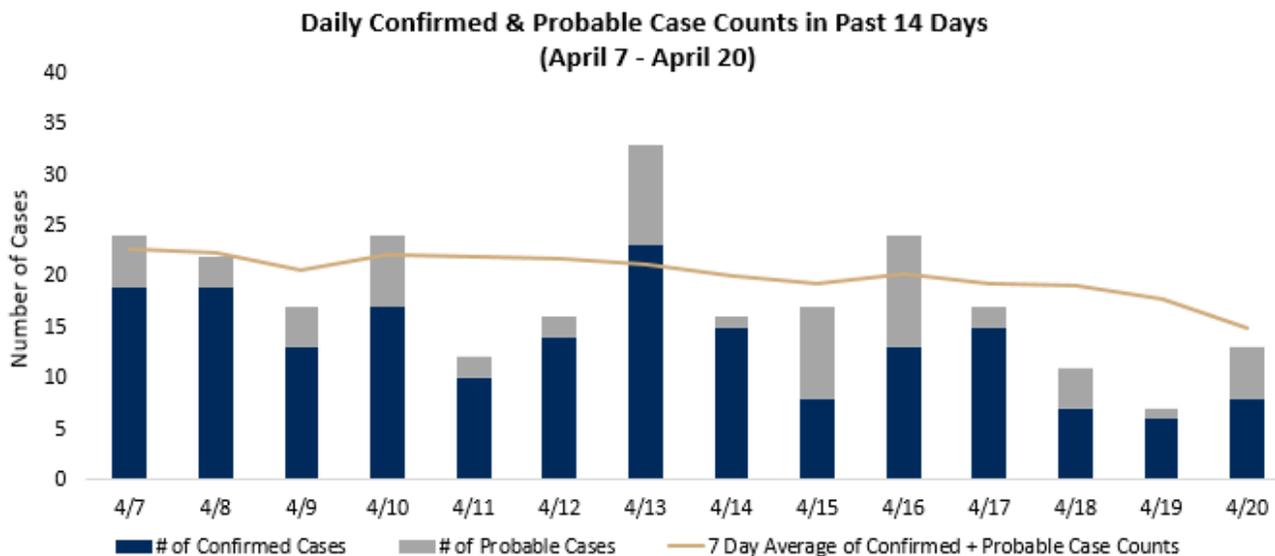
Reported Case Counts

	Case Counts for the Past 14 Days 4/7/2021-4/20/2021	Cumulative Case Counts 3/9/2020-4/21/2021
Confirmed Cases	187	14,830
Active Cases		138 (1% of cumulative cases)
Recovered Cases		14,528 (98% of cumulative cases)
Probable Cases	66	2,780
Negative Cases	1,952	84,556
Deaths**	1	187
Among Confirmed Cases		1 165
Among Probable Cases		0 22

**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 18.1 confirmed and probable cases per day, which is a decrease from 22.1 confirmed and probable cases per day reported last week. Total daily confirmed and probable cases ranged from 7 to 33 cases.** There was an average of 13.4 confirmed cases per day, which is a decrease from 16.6 cases per day reported last week. There was an average of 4.7 probable cases per day, which is a decrease from 5.4 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.

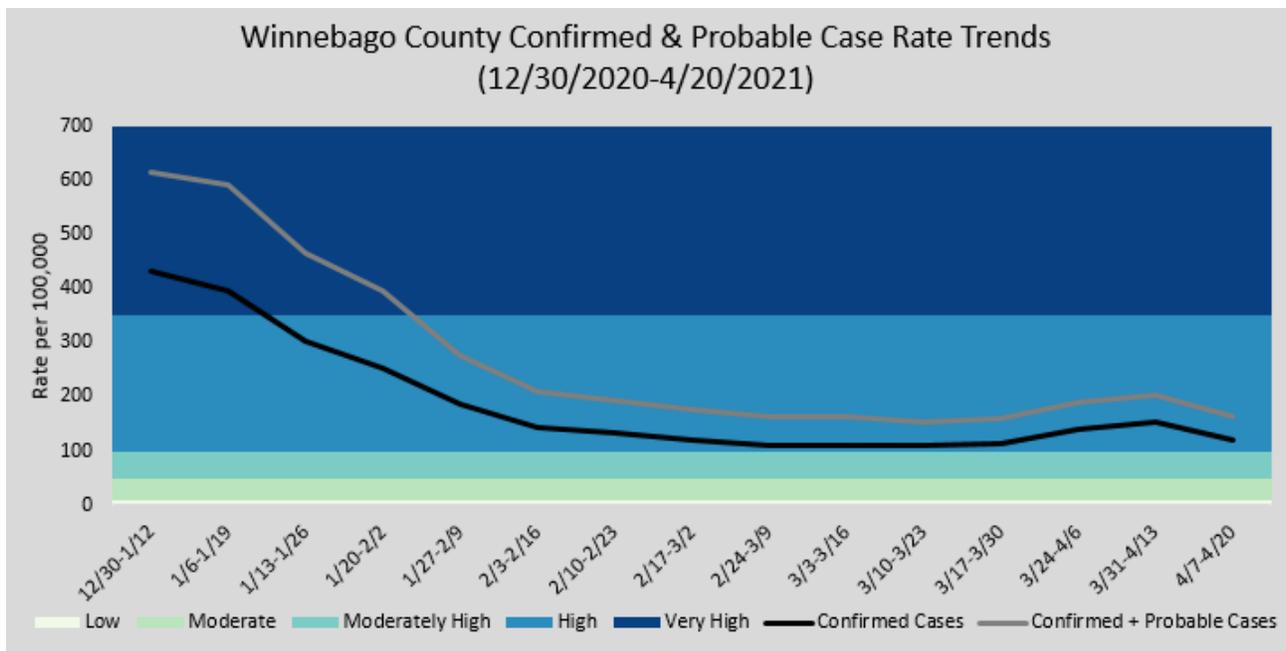
Dates	Confirmed Cases	Probable Cases	Total (Confirmed + Probable)
4/7-4/13	115	33	148
4/14-4/20	72	33	105
Total for last two weeks	187	66	253
Case rates for last two weeks (per 100,000 population)	121.6	42.9	164.6

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 or about 1 case per day.
Moderate	Case rate is greater than 10, but less than or equal to 50.	Greater than 15 cases, but less than or equal to 77 cases or less than 6 cases per day.
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 1,000.	Greater than 538 cases, but less than or equal to 1,537 cases.
Critically High	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.

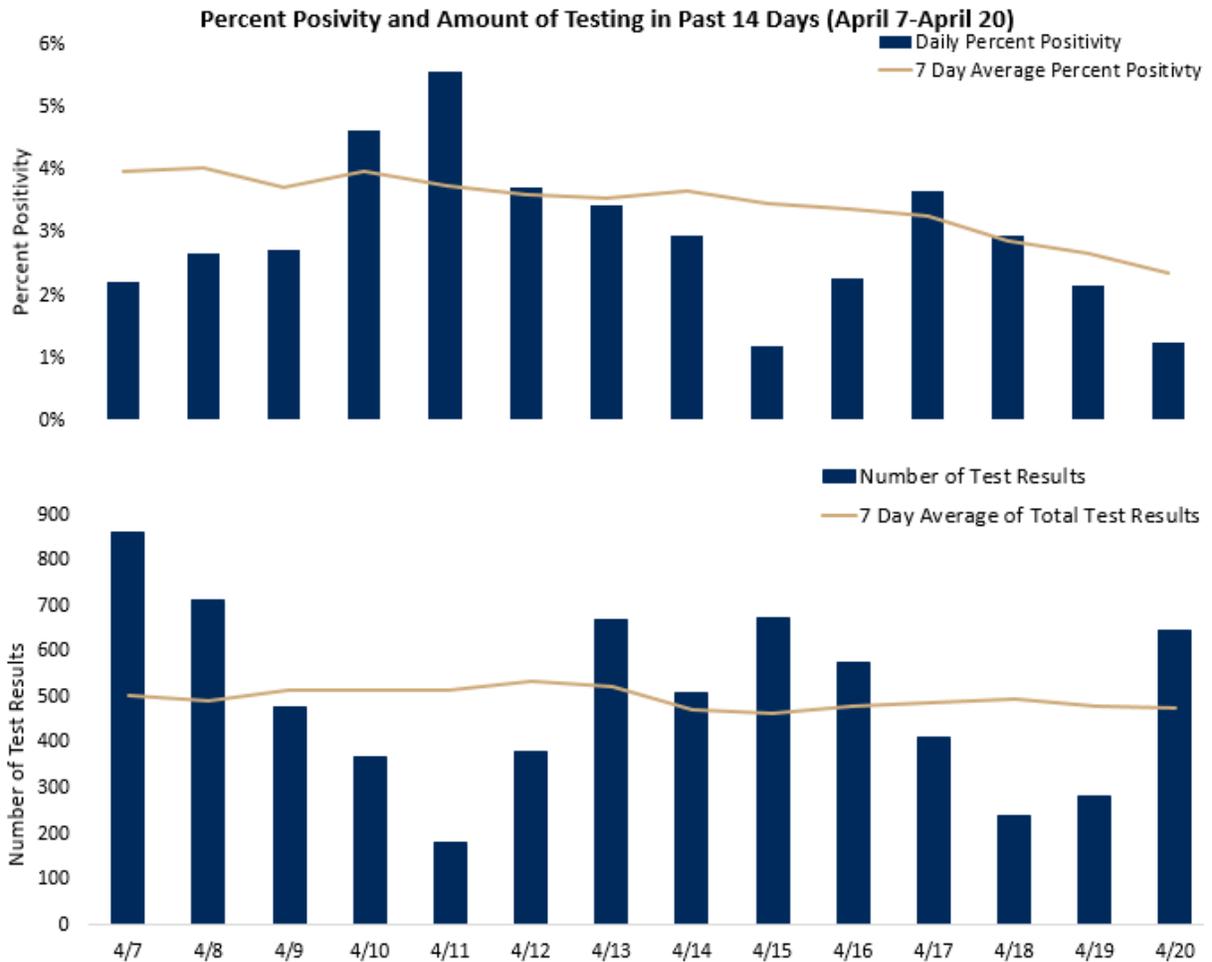


Amount of Testing and Percent Positivity

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.

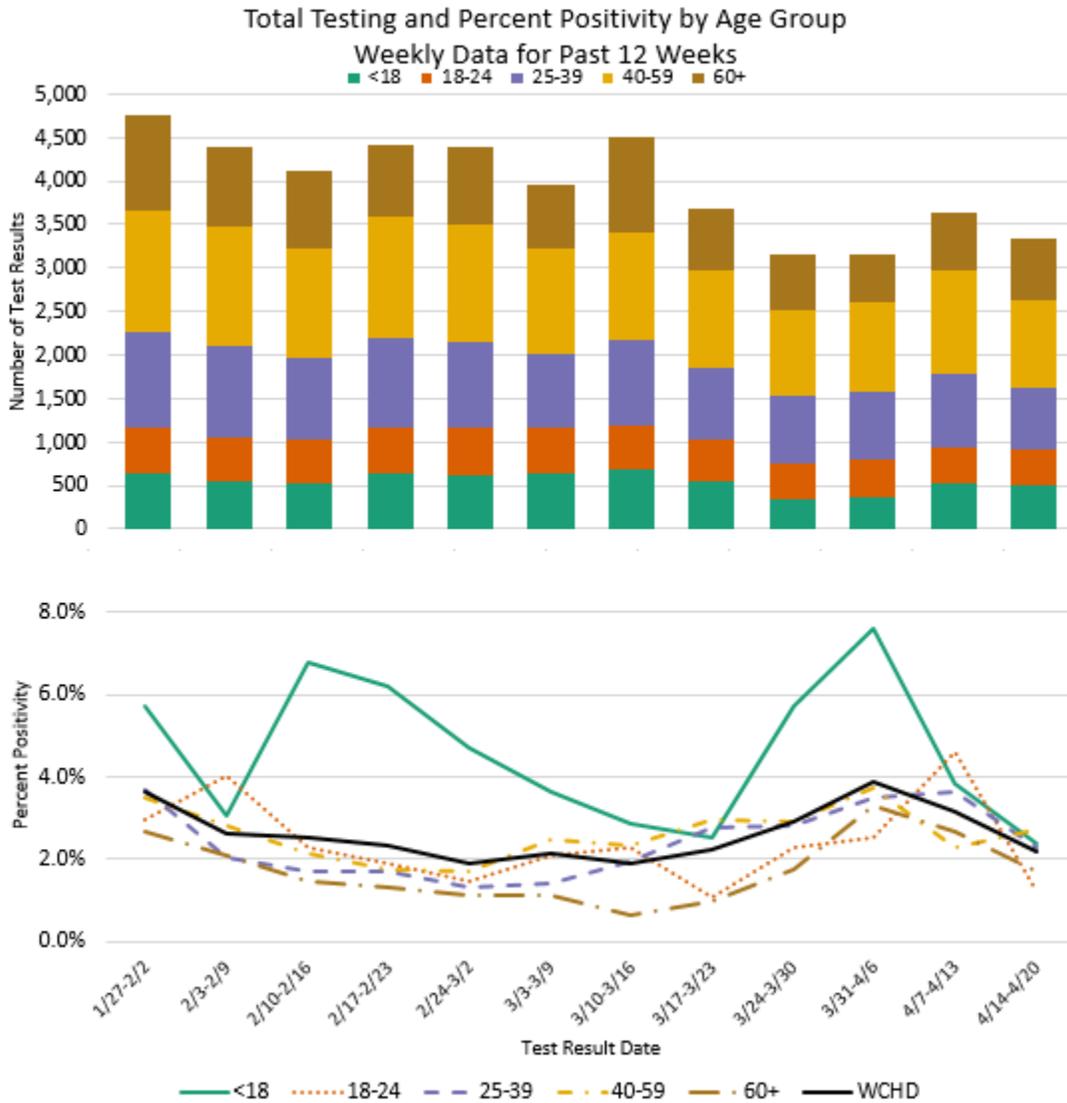
Over the past two weeks, **2.7% of PCR tests were positive**, which is a decrease from the 3.6% positivity reported last week. Daily positivity ranged from 1.2% to 5.6%. Over the past two weeks an **average of 498 PCR tests** were conducted each day among residents within the Winnebago County Health 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 aged 40-59 had the highest percent positivity (2.7%) and individuals aged <18 had the lowest testing rate (1,636 tests per 100,000 individuals <18 years old).

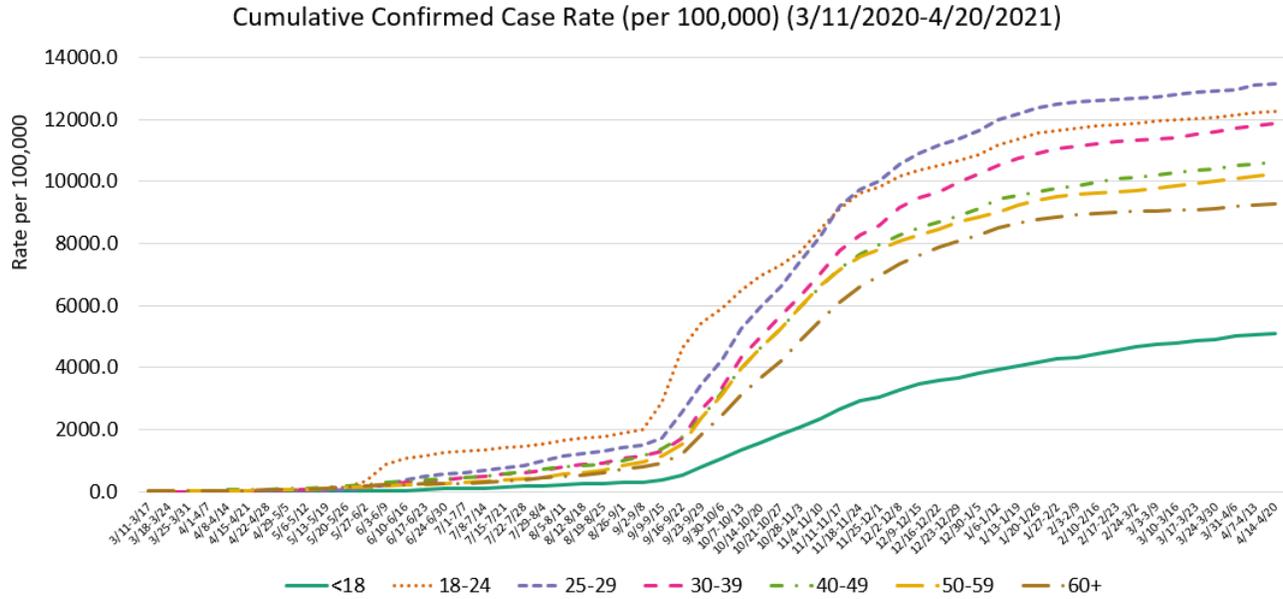


View national percent positivity trends [here](#).

4/14/21-4/20/21	<18	18-24	25-39	40-59	60+	Total
Percent Positivity	2.4%	1.2%	2.3%	2.7%	1.7%	2.2%
Testing Rates per 100,000 population	1,636	2,167	2,411	2,411	2,191	2,177
Number of Tests	506	414	709	991	709	3329
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 PCR confirmed case rate.**

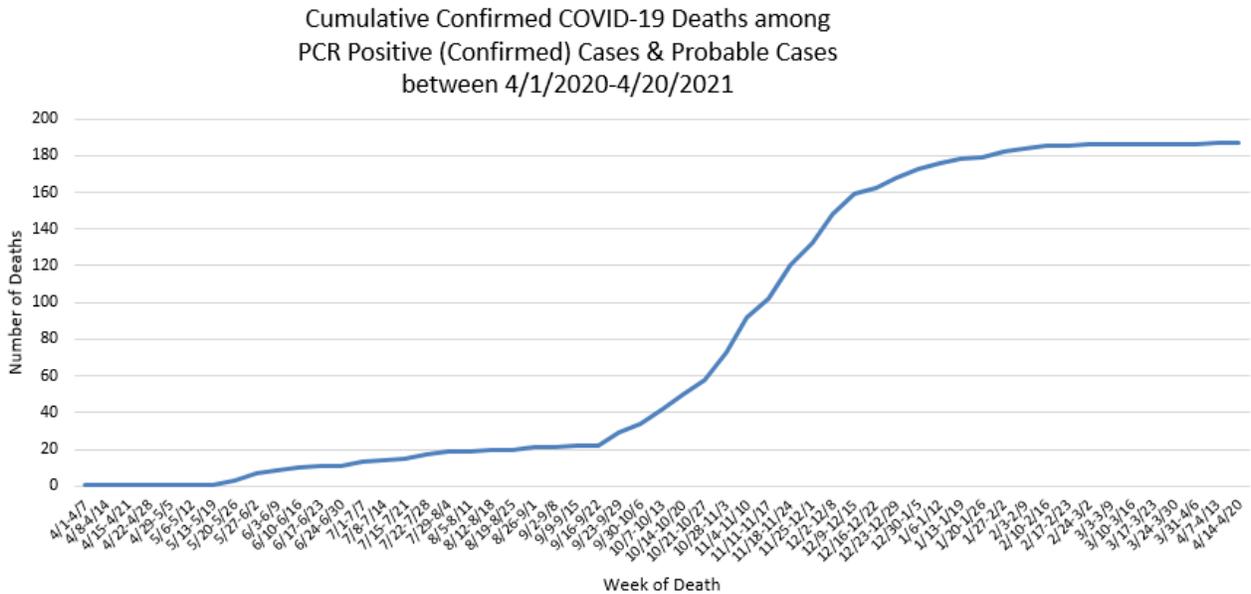
Age Group	Past Two Weeks (4/7/21-4/20/21)				Doubling Time (Days)	Cumulative Confirmed Case Count	Population***
	Case Count	Case Rate (per 100,000)	Percent increase in total cases in that age group	Percent of Cumulative Cases in that age group			
<18	32	103.5	2.1%	2.0%	479	1,579	30,928
18-24	24	125.6	1.0%	1.0%	952	2,343	19,108
25-29	17	167.8	1.3%	1.3%	763	1,332	10,132
30-39	30	155.7	1.3%	1.3%	742	2,287	19,273
40-49	17	93.1	0.9%	0.9%	1,115	1,942	18,269
50-59	37	162.1	1.6%	1.6%	615	2,340	22,826
60+	30	92.7	1.0%	1.0%	977	3,005	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	17	1	18	14.9	120,536
60-69	20	7	27	163.7	16,491
70-79	28	14	42	437.8	9,594
80-89	32	31	63	1,593.9	6,274
90+	9	28	37		
Total	106	81	187	122.3	152,895

All Confirmed COVID-19 Deaths by Ethnicity, Race, and Sex		
Ethnicity	Hispanic/Latino or Unknown	11
	Not Hispanic/Latino	176
Race	Other or Unknown	12
	White	175
Sex	Female	77
	Male	110

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

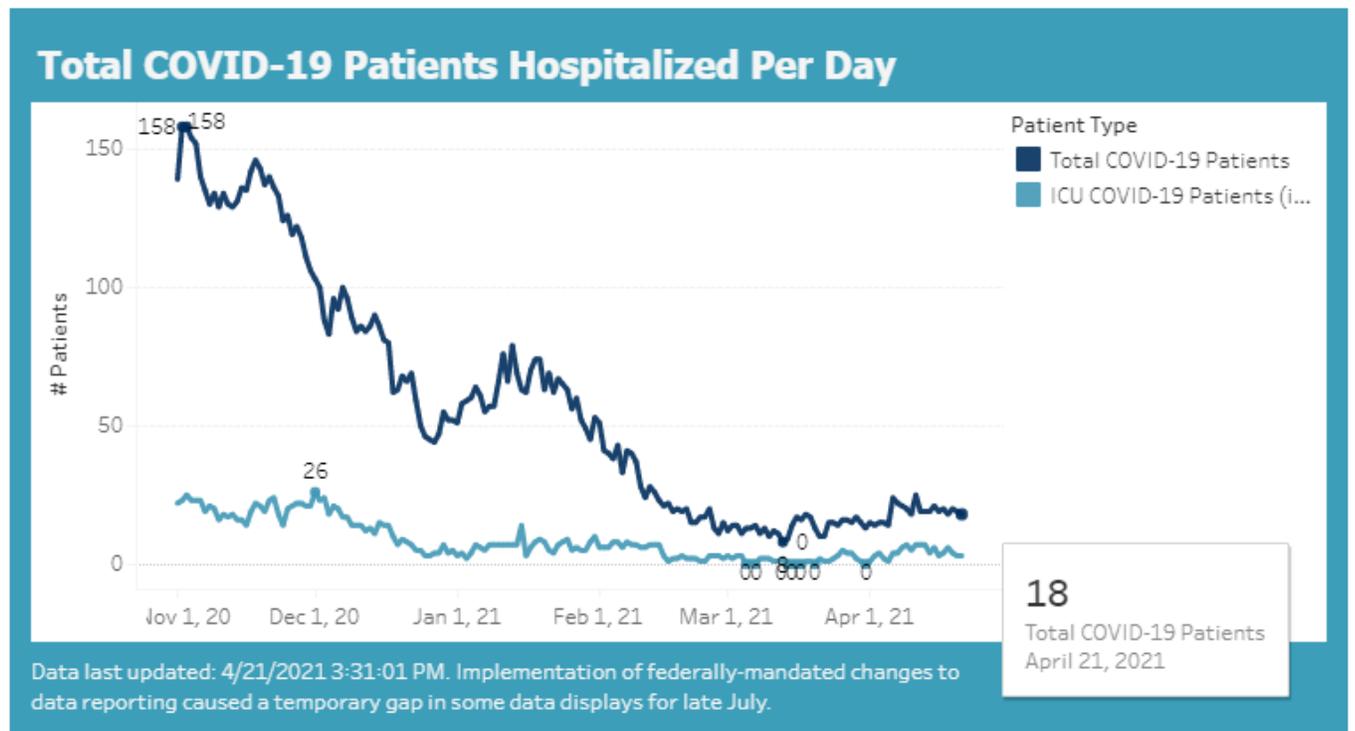
Healthcare Measures for the Fox Valley Area

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.

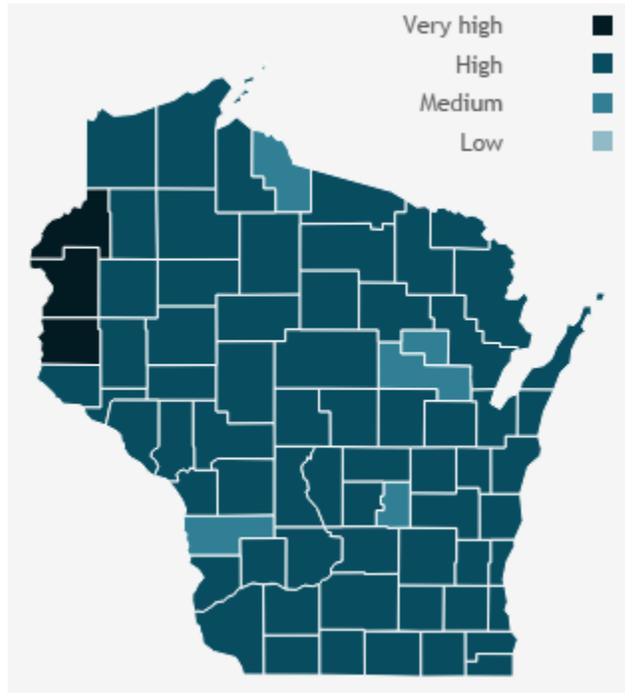
As of 4/21/2021, there were 18 **COVID-19 patients hospitalized** in the Fox Valley Area hospitals with 3 of those patients in the ICU.

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 4/21/2021



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 April 21, 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	283	167.1 High	-42% ▼	High
Fox Valley Area	809	148.3 High	-48% ▼	High
Outagamie	322	175.2 High	-49% ▼	High
Wisconsin	10,466	181.0 High	-18% ▼	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 April 7, 2021 – April 20, 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](#)