



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department COVID-19 Weekly Data Summary

October 21, 2021

COVID hospitalizations remain very high. Get vaccinated & wear a mask.

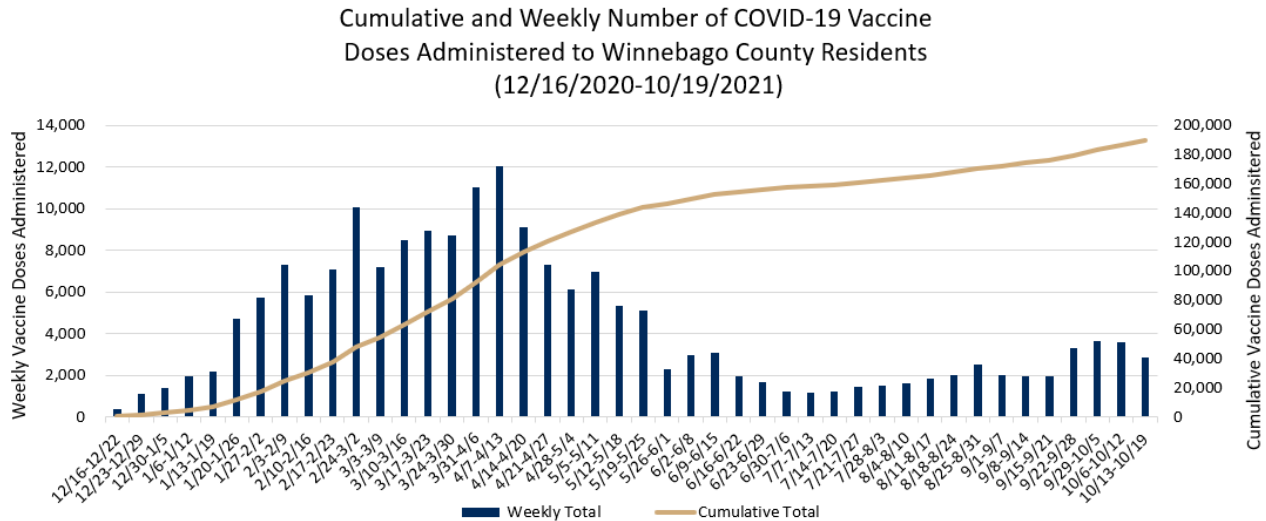
Summary

- Due to a [high level](#) of community transmission of COVID-19 in Winnebago County, **the health department strongly [recommends](#) that everyone, vaccinated and unvaccinated, [wear a mask](#) in public indoor settings and crowded outdoor venues.** Assume there are infected people in every public location you go to.
- Pfizer booster doses are currently [recommended for certain populations](#) at higher risk of exposure to or transmission of COVID-19 at least 6 months after their second dose.
- The [FDA has given emergency use authorization](#) to booster doses of Moderna and Johnson & Johnson, and the FDA also said people can get a booster dose from a different vaccine maker than the formulation used for their initial vaccination. The CDC's vaccine advisory committee must sign off on the authorization, followed by a review and recommendation by the Wisconsin Department of Health Services (DHS) before the Winnebago County Health Department can begin administration of Moderna and Johnson & Johnson boosters.
- [Additional/third doses](#) of the Pfizer vaccine are recommended for moderately to severely immunocompromised people to provide protection for those who many not have built strong immunity after the initial series.
- To help keep schools open, have your child wear a mask, stay home when ill, and get [tested](#) if they have symptoms or were exposed to COVID-19. If your child is ill or has been exposed to COVID-19, keep all other children in your household home too. A vaccine will be [available soon](#) for most children, until then let's protect our children and community from unnecessary infection spread.
- COVID-19 testing remains an important tool in reducing spread of the virus to others. Whether you are vaccinated or unvaccinated, protect others by getting a COVID-19 test if you have symptoms, were exposed to the virus, or feel you need a test. Even if you have no symptoms or mild symptoms, you can infect others.
 - If you were exposed to COVID-19 but do not have symptoms, it's best to wait 5-7 days from exposure to get tested. If you test too early, the viral load may not be enough to show up on a test. If you have symptoms, get tested immediately.
 - [Sunnyview Expo Center](#) PCR test results currently take approximately 2-3 days. [Visit our website](#) for a full list of testing locations in Winnebago County.
- The Delta variant has led to more COVID-19 infections, hospitalizations and deaths – and the unvaccinated are most at risk. If you are unvaccinated, continue to wear a mask, social distance and [make a plan to get vaccinated](#). Even if you are vaccinated, you still may bring the virus home to unvaccinated or immune suppressed family and friends. Protect yourself, family and friends by [encouraging vaccination](#) and wearing a mask.
- Situational Awareness:
 - The confirmed + probable case burden is **very high** for our jurisdiction. The case rate over the past 2 weeks for our jurisdiction is **535.3 cases per 100,000 people**, a decrease of 9% from the 588.6 cases per 100,000 reported in last week's report.
 - Over the past two weeks, we have reported a total of 823 confirmed + probable cases.
 - There are at least 636 PCR tests being performed every day in our jurisdiction.
 - Over the past two weeks, 7.4% of PCR tests were positive in our jurisdiction. We need more testing.
 - There are currently 92 [COVID-19 patients hospitalized](#) in Fox Valley Area hospitals.
- Only the *highest risk close contacts* are being contacted directly by public health – we are asking [people that test positive](#) for COVID-19 to [reach out to all other close contacts](#) themselves.
- Vaccines are available any day of the week at a [site near you](#). Visit www.wcvaccine.org to find answers to your questions about the vaccine and find a place to get vaccinated.
 - Everyone [12 and older](#) is eligible to receive the COVID-19 vaccine. The Pfizer COVID-19 vaccine has received [full FDA approval](#) for the prevention of COVID-19 disease in people 16 years of age and older and is still authorized for use in 12- through 15-year-olds.
 - 65.1% of Winnebago County residents aged 12 or older have received at least one dose of the COVID-19 vaccine.
 - Check [vaccine locations](#) before you go if you need or want a specific vaccine brand.

COVID-19 Vaccination Data

As of 10/20/2021, **6,315,070 doses** of the [COVID-19 vaccine](#) have been administered to Wisconsin residents with 57.5% of the Wisconsin population having received at least one dose of the COVID-19 vaccine and 54.8% of the Wisconsin population have completed the vaccine series.

As of 10/20/2021, **189,652 doses** of [COVID-19 vaccine](#) have been administered to Winnebago County residents with 56.3% of the county population having received at least one dose of the COVID-19 vaccine and 53.8% of the county population have completed the vaccine series. Of Winnebago County residents aged 12 or older, 65.1% have received at least one dose of the COVID-19 vaccine. Since August 12, 2021, over 9,000 3rd doses/booster doses have been administered to Winnebago County residents.



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	3,066	43.7%	7,017	Sex	Female	50,975	60.3%	84,556
	Not Hispanic or Latino	89,994	55.1%	163,394		Male	44,701	52.1%	85,855
	Unknown	2,830				Unknown	214		
Race	American Indian or Alaska Native	512	50.7%	1,010	Age Group	12-15	3,877	48.6%	7,974
	Asian	2,890	60.9%	4,748		16-17	2,176	53.0%	4,103
	Black or African-American	1,343	34.7%	3,874		18-24	7,745	37.8%	20,491
	Native Hawaiian or Other Pacific Islander	123	95.3%	129		25-34	12,241	54.5%	22,442
	Other Race	9,331	99.9%**	4,291		35-44	13,316	66.1%	20,144
	White	78,436	50.2%	156,359		45-54	13,730	61.3%	22,390
	Unknown	3,255				55-64	17,658	77.3%	22,846
						65-74	14,836	98.6%	15,050
						75+	10,308	86.2%	11,964
				12+	95,887	65.1%	147,404		

*Age Group Population Data comes from the [2019 census](#). Population sizes used in this table are for all of Winnebago County, not just the jurisdiction of Winnebago County Health Department. Population sizes will differ from population sizes used elsewhere in these reports.

** The metric for percent of population vaccinated has been capped at 99.9%. These metrics could be greater than 99.9% for multiple reasons, such as census denominator data not including all individuals that currently reside in the jurisdiction, differences in racial category classification, etc.

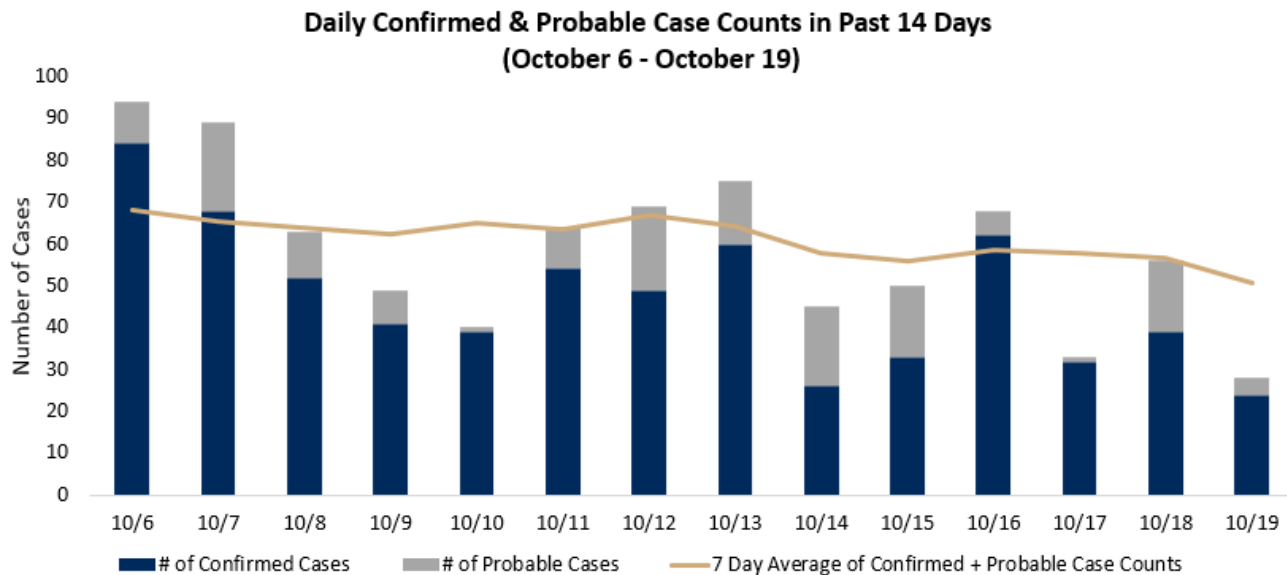
Reported Case Counts

	Case Counts for the Past 14 Days 10/6/2021-10/19/2021	Cumulative Case Counts 3/9/2020-10/20/2021
Confirmed Cases	663	19,330
Active Cases		585 (3% of cumulative cases)
Recovered Cases		18,550 (96% of cumulative cases)
Probable Cases	160	3,810
Negative Cases	2,613	106,949
Deaths**	8	222
Among Confirmed Cases	8	195
Among Probable Cases	0	27

**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 58.8 confirmed and probable cases per day, which is a decrease from the 65.1 confirmed and probable cases per day reported last week. Total daily confirmed and probable case counts ranged from 28 to 94 cases.** There was an average of 47.4 confirmed cases per day, which is a decrease from the 52.6 cases per day reported last week. There was an average of 11.4 probable cases per day, which is a decrease from the 12.5 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 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.

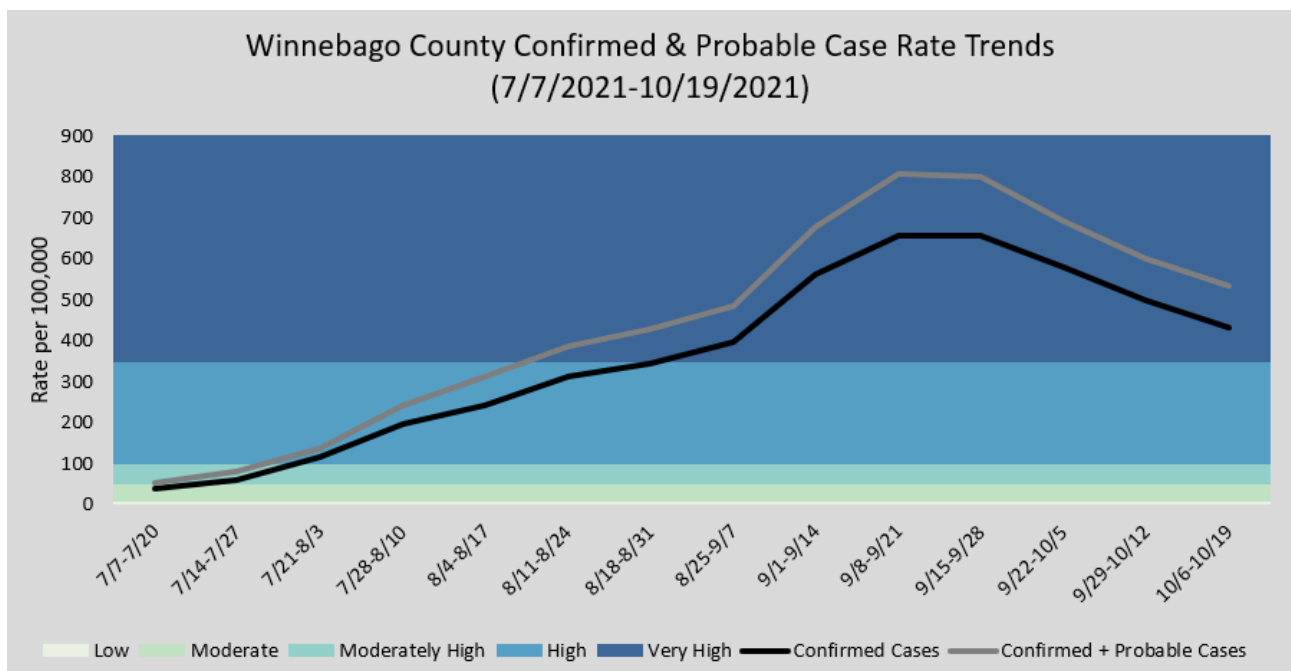
Dates	Confirmed Cases	Probable Cases	Total (Confirmed + Probable)
10/6-10/12	387	81	468
10/13-10/19	276	79	355
Total for last two weeks	663	160	823
Case rates for last two weeks (per 100,000 population)	431.2	104.1	535.3

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.

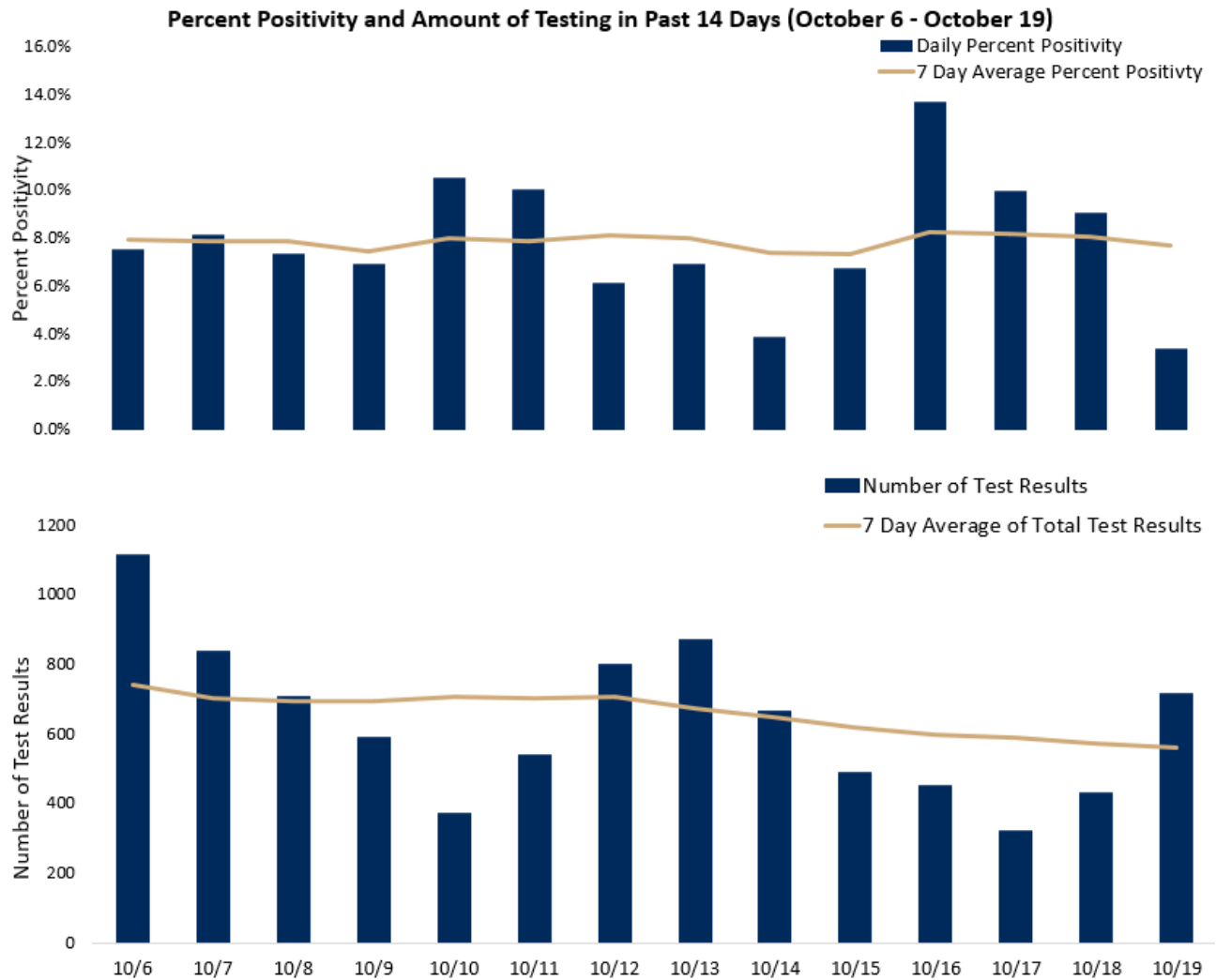


Amount of Testing and Percent Positivity

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.

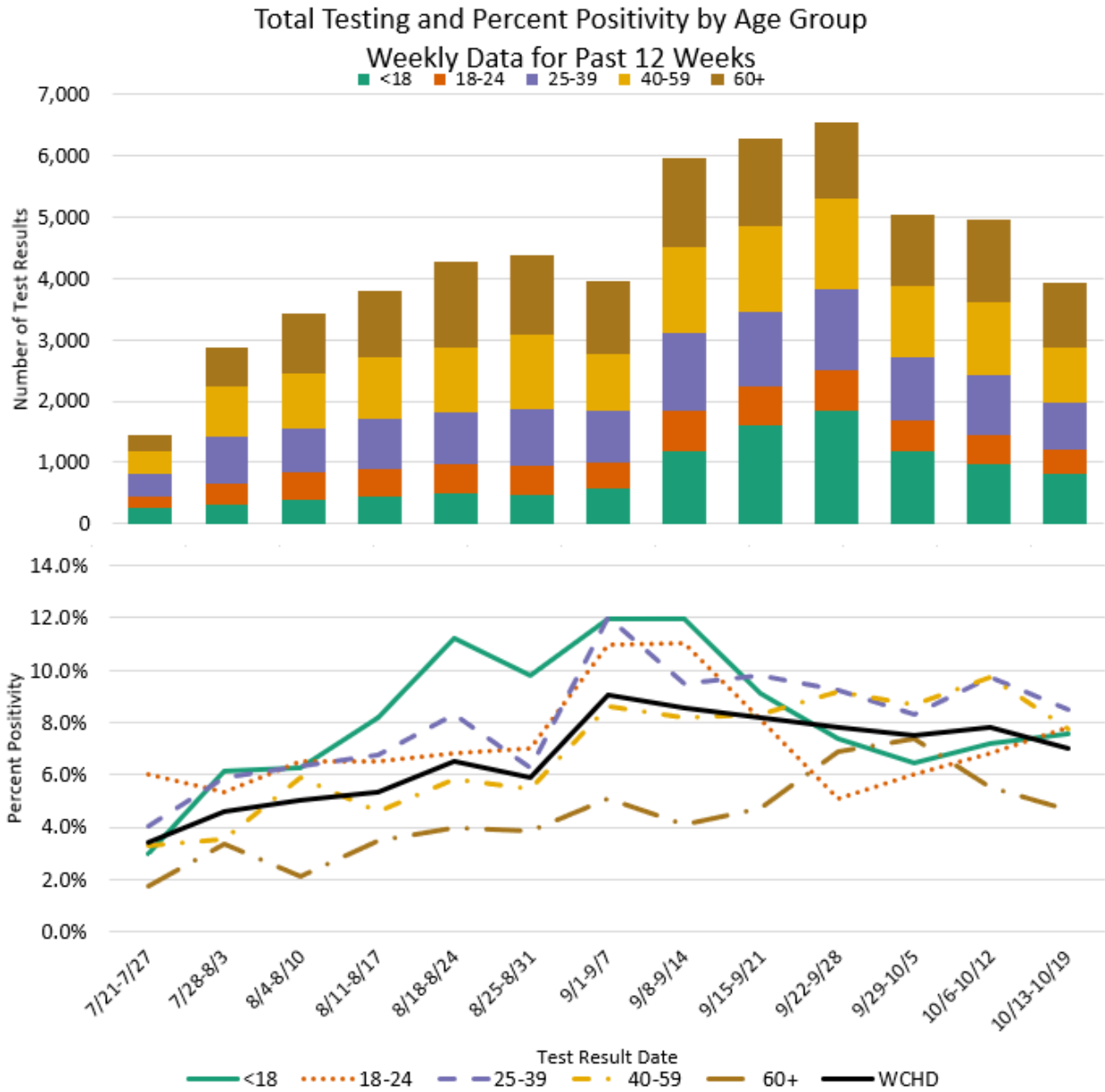
Over the past two weeks, **7.4% of PCR tests were positive**, which is similar to the 7.6% positivity reported last week. Daily positivity ranged from 3.4% to 13.7%. Over the past two weeks an **average of 636 PCR tests** were conducted each day among residents within the Winnebago County Health Department jurisdiction. Antigen tests are not included in the testing numbers or the percent positivity calculation.

[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](#), and [Appleton](#).



Amount of Testing and Percent Positivity by Age Group

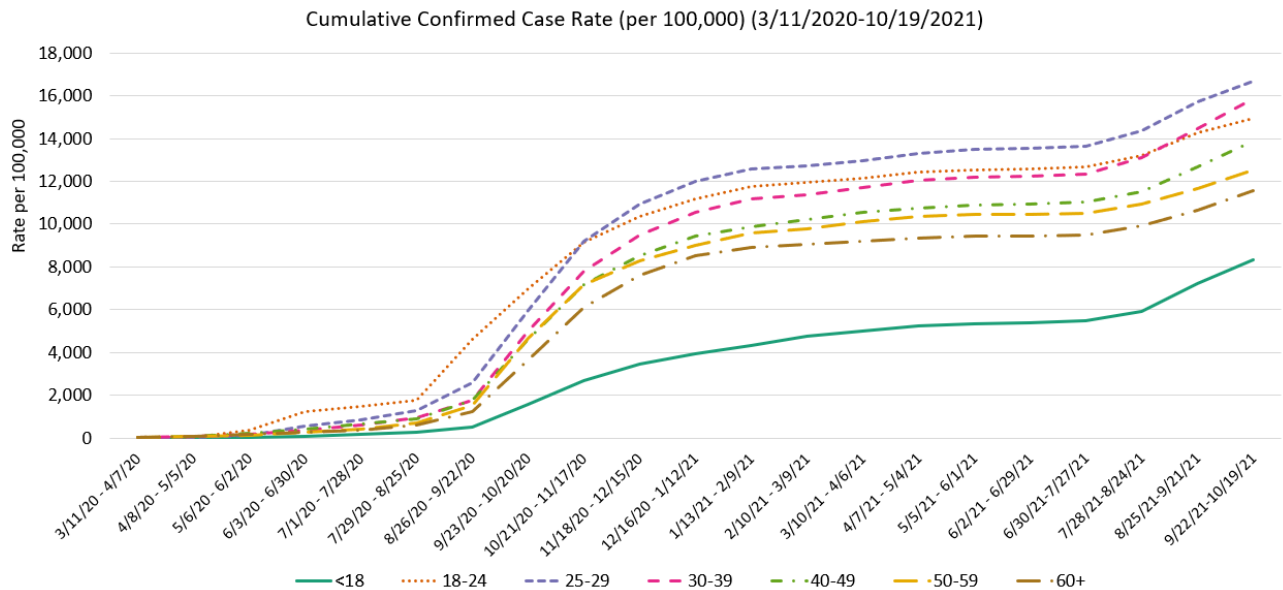
The figures below show the percent positivity and total testing numbers by age group. Antigen tests are not included in the testing numbers or the percent positivity calculation. A PCR confirmed case is only counted once in the percent positivity calculation, meaning a person with multiple positive PCR tests only counts as one confirmed case. Over the past week, individuals aged 25-39 had an 8.5% positivity rate. Over the past week, **7.0% of PCR tests were positive** in our jurisdiction, which is a decrease from the 7.6% positivity reported for the previous week (10/6-10/12).



10/13-10/19	<18	18-24	25-39	40-59	60+	Total
Percent Positivity	7.5%	7.8%	8.5%	7.8%	4.6%	7.0%
Testing Rates per 100,000 population	2,616	2,146	2,561	2,163	3,331	2,578
Number of Tests	809	410	753	889	1,078	3,941
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.

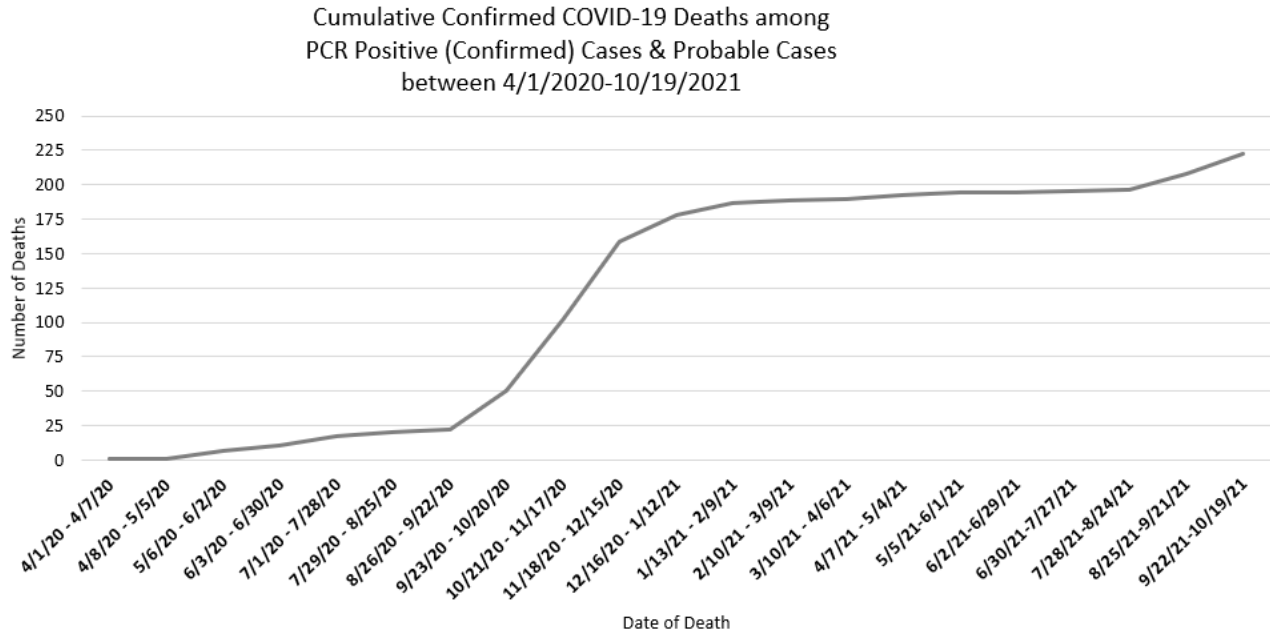
Age Group	Past Two Weeks (10/6/21-10/19/21)		Cumulative Confirmed Case Count	Population***
	Case Count	Case Rate (per 100,000)		
<5	23	277.3	364	8,293
5-9	42	508.7	677	8,256
10-14	39	436.0	832	8,944
15-17	27	496.8	702	5,435
18-24	64	334.9	2,855	19,108
25-29	38	375.0	1,688	10,132
30-39	121	627.8	3,059	19,273
40-49	90	492.6	2,537	18,269
50-59	95	416.2	2,865	22,826
60+	124	383.2	3,745	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
<50	7	0	7	7.2	97,710
50-59	20	1	21	92.0	22,826
60-69	29	8	37	224.4	16,491
70-79	33	16	49	510.7	9,594
80-89	38	32	70	1,721.4	6,274
90+	10	28	38		
Total	137	85	222	145.2	152,895

All Confirmed COVID-19 Deaths by Ethnicity, Race, and Sex		
Ethnicity	Hispanic/Latino or Unknown	14
	Not Hispanic/Latino	208
Race	Other or Unknown	16
	White	206
Sex	Female	90
	Male	132

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

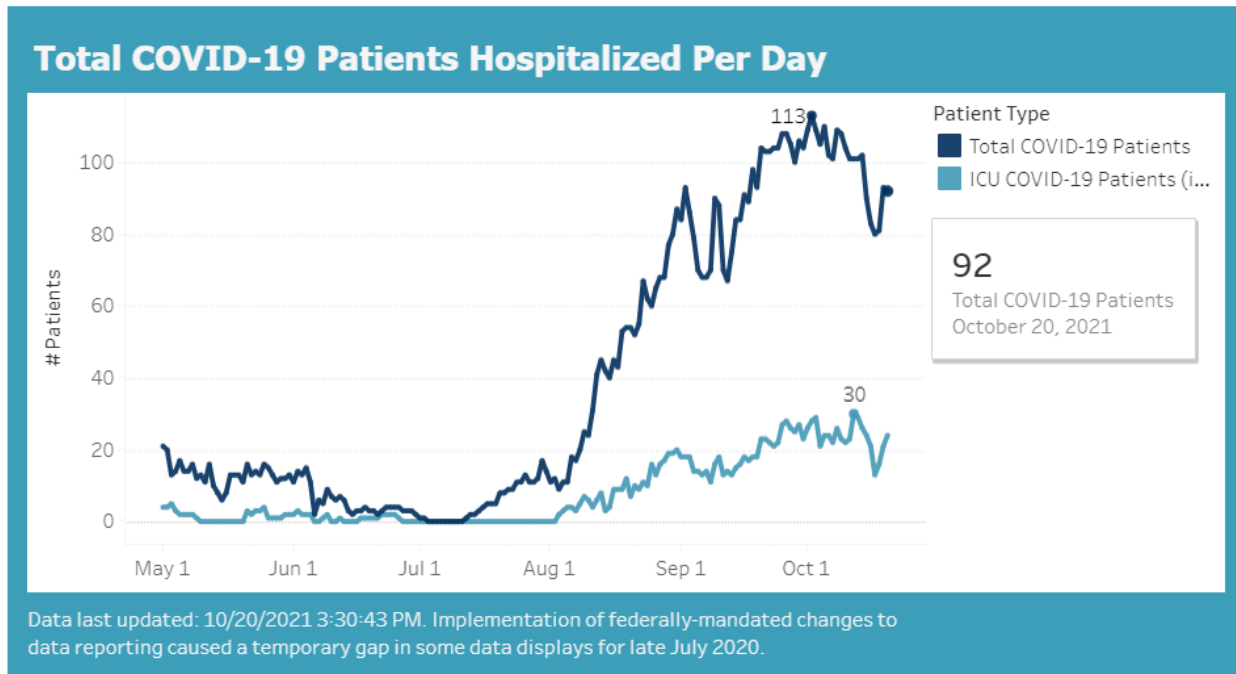
Healthcare Measures for the Fox Valley Area

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.

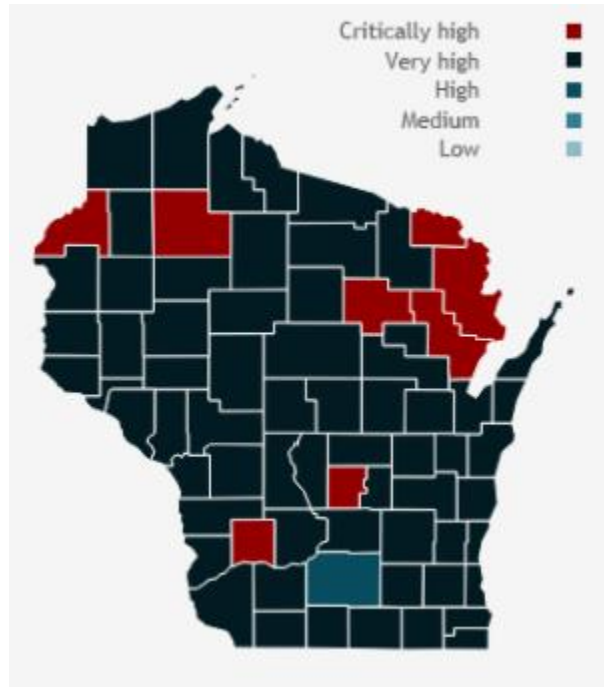
As of 10/20/2021, there were **92 COVID-19 patients hospitalized** in the Fox Valley Area hospitals with 24 of those patients in the ICU.

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 10/20/2021



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 October 20, 2021, Winnebago County**** and the Fox Valley Region were 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	Confirmed + Probable Case Count (Past 14 days)	Burden	Trajectory	Activity Level	Percent Positive (Past 7 Days)
Winnebago	948	559.8 Very High	-15% ▼	Very High ■	6.4%
Fox Valley Area	3,881	711.6 Very High	N/A ↔	Very High ■	8.3%
Outagamie	1,379	750.3 Very High	N/A ↔	Very High ■	9.6%
Wisconsin	34,391	594.9 Very High	-17% ▼	Very High ■	7.8%

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 October 6, 2021 – October 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 (NAAT) 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](#)