



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department COVID-19 Weekly Data Summary

October 14, 2021

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

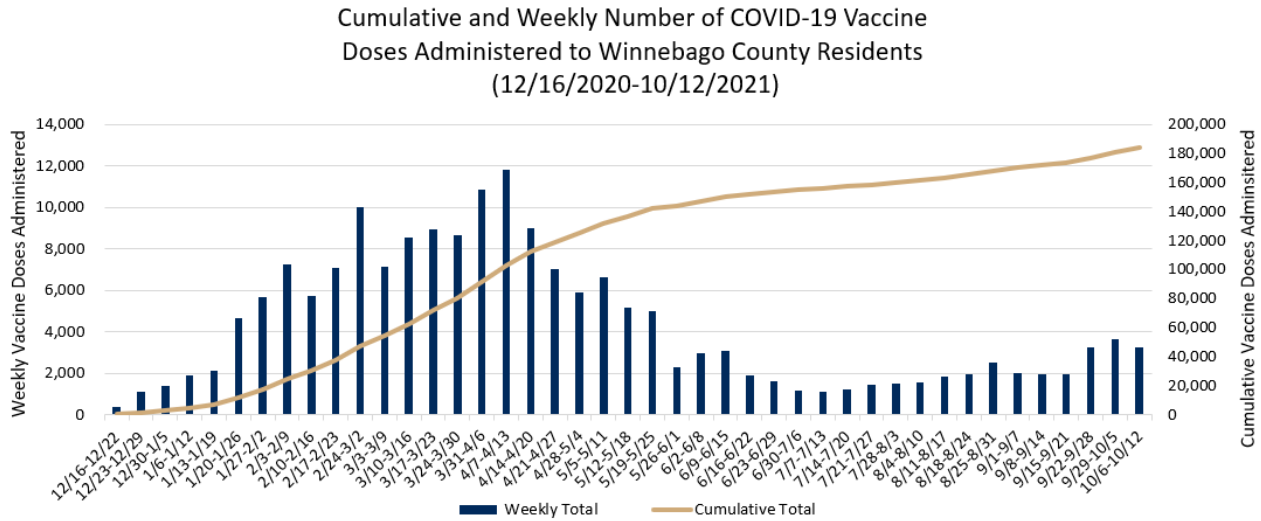
Summary

- 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.
- **Case rates are the highest in school aged children.** 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 3-5 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 Pfizer COVID-19 vaccine has been proven [safe and effective](#) with [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. Read answers to the most common questions families have about the vaccine [here](#). Booster doses are now available and [recommended for certain populations](#) at higher risk of exposure to or transmission of COVID-19.
- 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.
- Employers should implement multi-layered interventions to protect workers and slow the spread of COVID-19. Employers considering policies that require vaccination can find [guidance](#) from the U.S. Department of Justice.
- 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 **588.6 cases per 100,000 people**, a decrease of 15% from the 688.9 cases per 100,000 reported in last week's report.
 - Over the past two weeks, we have reported a total of 905 confirmed + probable cases.
 - There are at least 695 PCR tests being performed every day in our jurisdiction, and this is trending downwards.
 - Over the past two weeks, 7.6% of PCR tests were positive in our jurisdiction. We need more testing.
 - There are currently 101 [COVID-19 patients hospitalized](#) in Fox Valley Area hospitals. New evidence is emerging that the Delta variant may produce 30-50% higher hospitalization rates than previous variants. Due to the latest surge, hospitals in the Fox Valley region are nearing or at capacity for staffed hospital beds, including ICU beds.
- With the current surge in positive tests, our ability to do contact tracing is strained. 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.
 - 64.7% of Winnebago County residents aged 12 or older have received at least one dose of the COVID-19 vaccine.
 - Everyone [12 and older](#) is eligible to receive the COVID-19 vaccine. *Pfizer is the only vaccine currently approved for 12- to 17-year-olds.* Check [vaccine locations](#) before you go if you need or want a specific vaccine brand.

COVID-19 Vaccination Data

As of 10/13/2021, **6,283,843 doses** of the [COVID-19 vaccine](#) have been administered to Wisconsin residents with 57.2% of the Wisconsin population having received at least one dose of the COVID-19 vaccine and 54.5% of the Wisconsin population have completed the vaccine series.

As of 10/13/2021, **186,069 doses** of [COVID-19 vaccine](#) have been administered to Winnebago County residents with 55.9% of the county population having received at least one dose of the COVID-19 vaccine and 53.4% of the county population have completed the vaccine series. Of Winnebago County residents aged 12 or older, 64.7% have received at least one 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. 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	3,021	43.1%	7,017	Sex	Female	50,675	59.9%	84,556
	Not Hispanic or Latino	89,452	54.7%	163,394		Male	44,442	51.8%	85,855
	Unknown	2,864				Unknown	220		
Race	American Indian or Alaska Native	503	49.8%	1,010	Age Group	12-15	3,842	48.2%	7,974
	Asian	2,871	60.5%	4,748		16-17	2,160	52.6%	4,103
	Black or African-American	1,315	33.9%	3,874		18-24	7,605	37.1%	20,491
	Native Hawaiian or Other Pacific Islander	119	92.2%	129		25-34	12,135	54.1%	22,442
	Other Race	8,618	99.9%**	4,291		35-44	13,244	65.7%	20,144
	White	78,573	50.3%	156,359		45-54	13,672	61.1%	22,390
	Unknown	3,338				55-64	17,594	77.0%	22,846
						65-74	14,775	98.2%	15,050
				75+	10,307	86.2%	11,964		
				12+	95,334	64.7%	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.

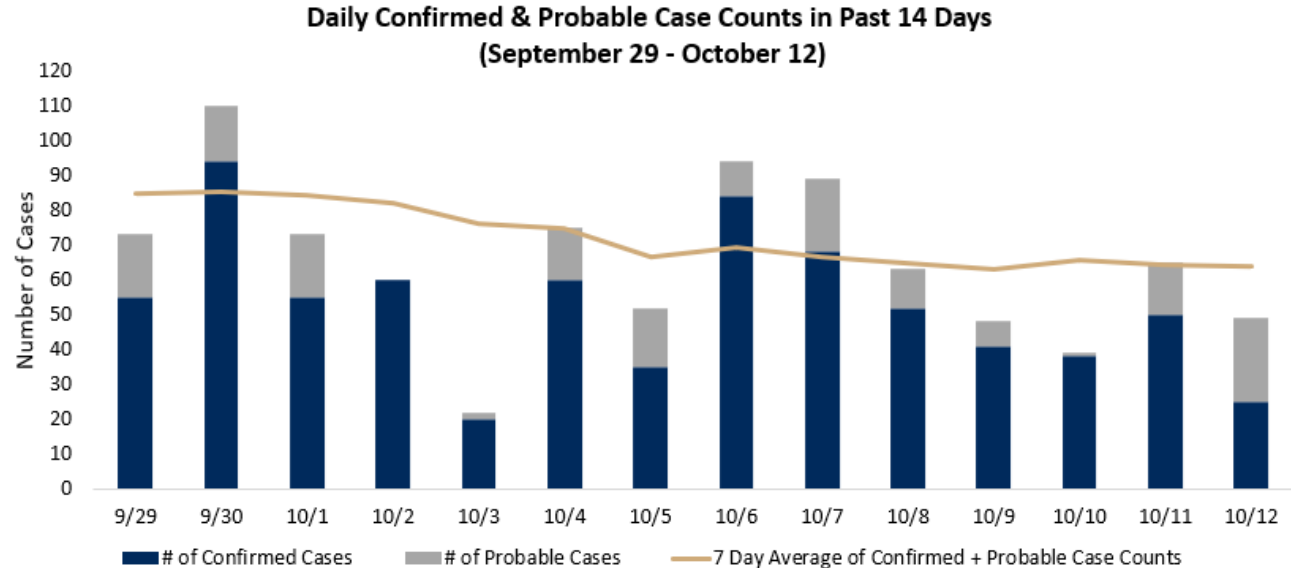
Reported Case Counts

	Case Counts for the Past 14 Days 9/29/2021-10/12/2021	Cumulative Case Counts 3/9/2020-10/13/2021
Confirmed Cases	737	19,025
Active Cases		692 (4% of cumulative cases)
Recovered Cases		18,143 (95% of cumulative cases)
Probable Cases	168	3,737
Negative Cases	2,850	105,702
Deaths**	6	218
Among Confirmed Cases	5	191
Among Probable Cases	1	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 65.1 confirmed and probable cases per day, which is a decrease from the 75.6 confirmed and probable cases per day reported last week. Total daily confirmed and probable case counts ranged from 22 to 110 cases.** There was an average of 52.6 confirmed cases per day, which is a decrease from the 62.4 cases per day reported last week. There was an average of 12.5 probable cases per day, which is a decrease from the 13.3 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.

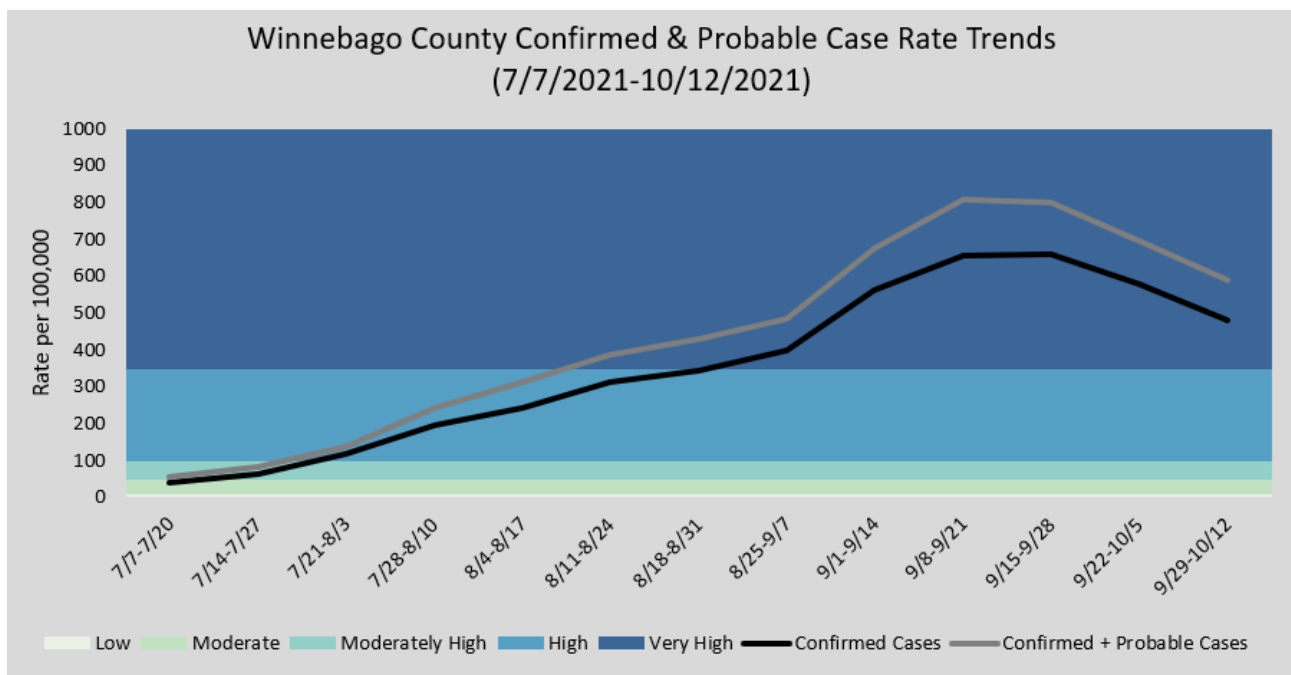
Dates	Confirmed Cases	Probable Cases	Total (Confirmed + Probable)
9/29-10/5	379	79	458
10/6-10/12	358	89	447
Total for last two weeks	737	168	905
Case rates for last two weeks (per 100,000 population)	479.4	109.3	588.6

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.

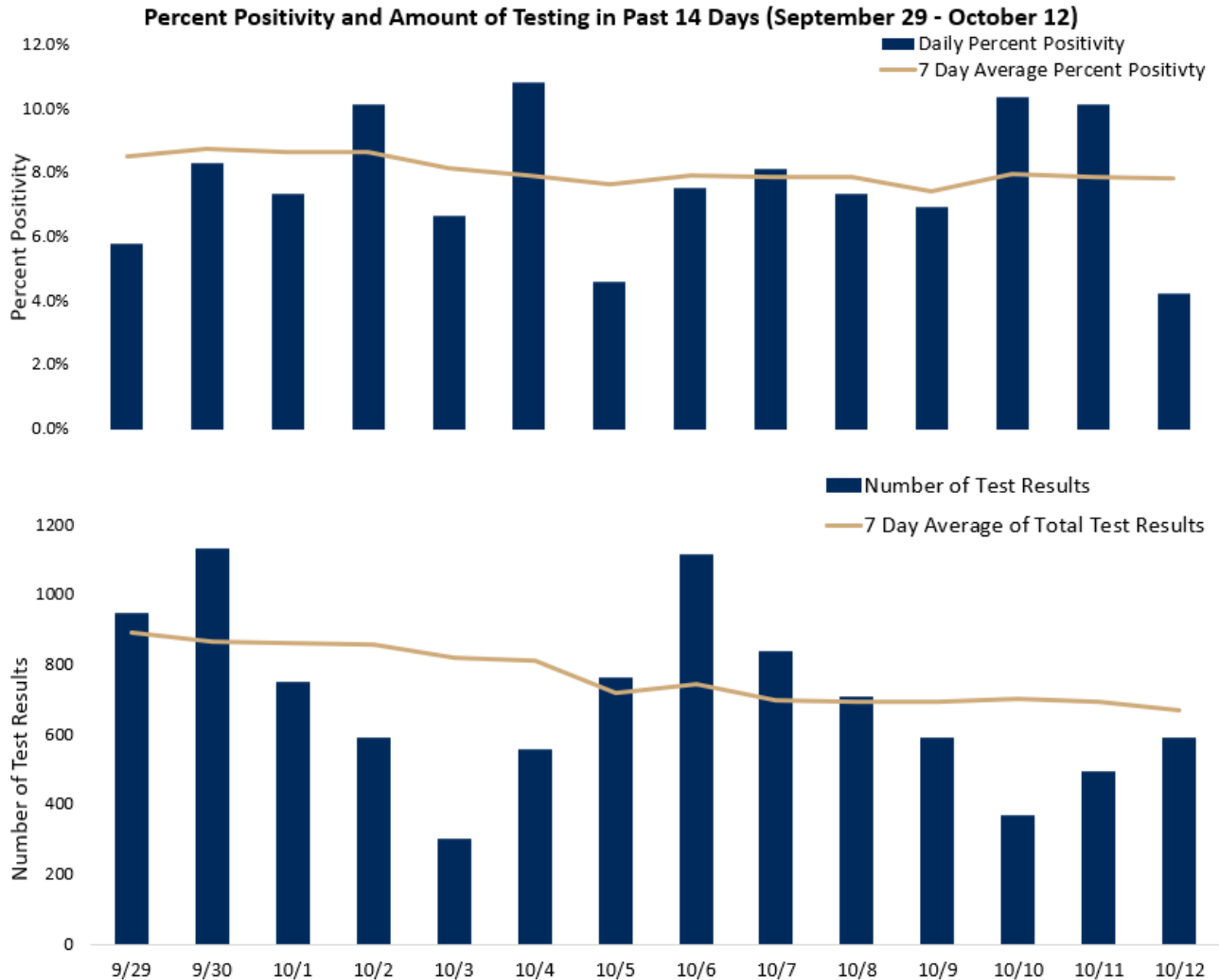


Amount of Testing and Percent Positivity

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.

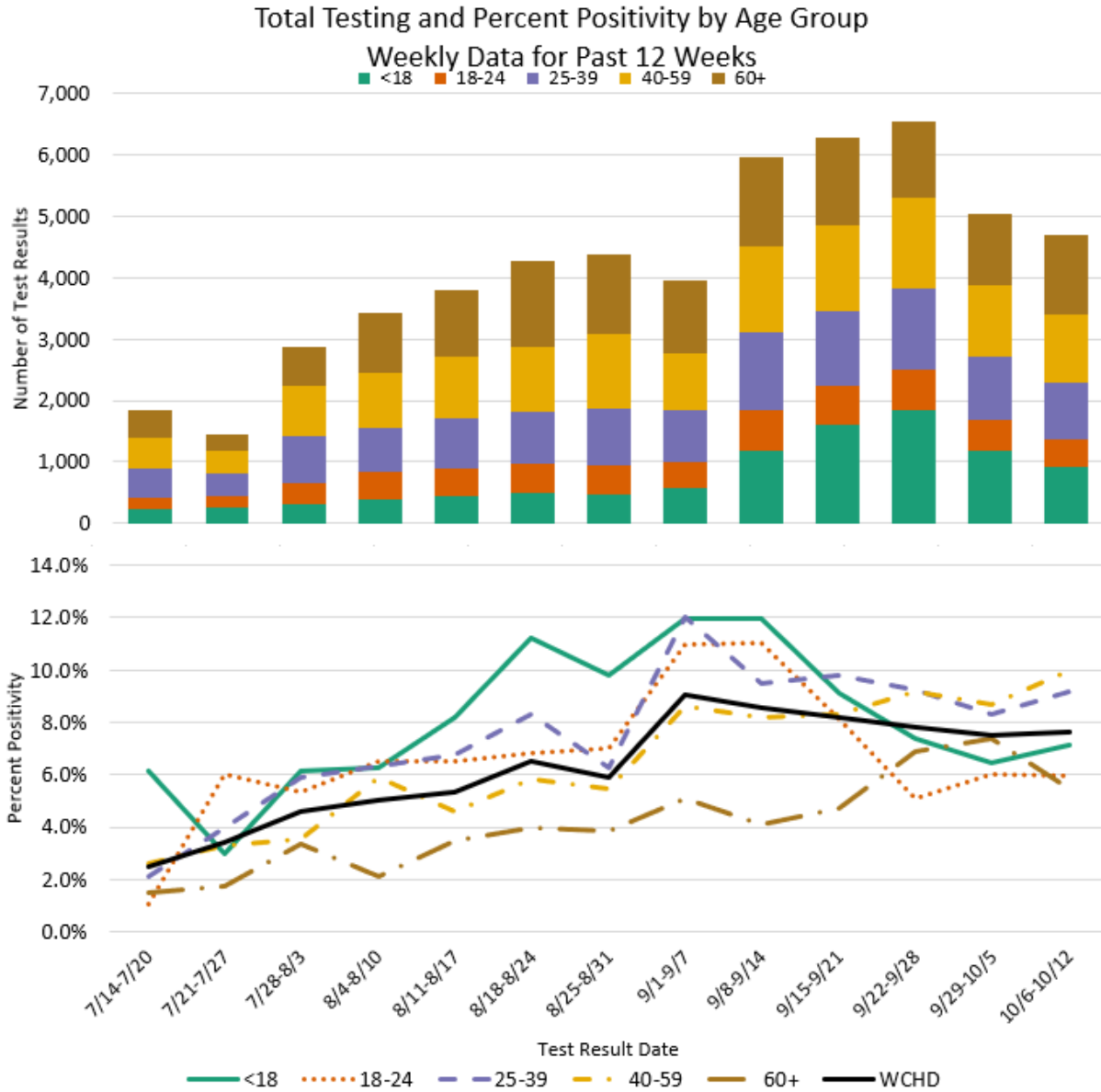
Over the past two weeks, **7.6% of PCR tests were positive**, which is similar to the 7.7% positivity reported last week. Daily positivity ranged from 4.2% to 10.8%. Over the past two weeks an **average of 695 PCR tests** were conducted each day among residents within the Winnebago County Health Department 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

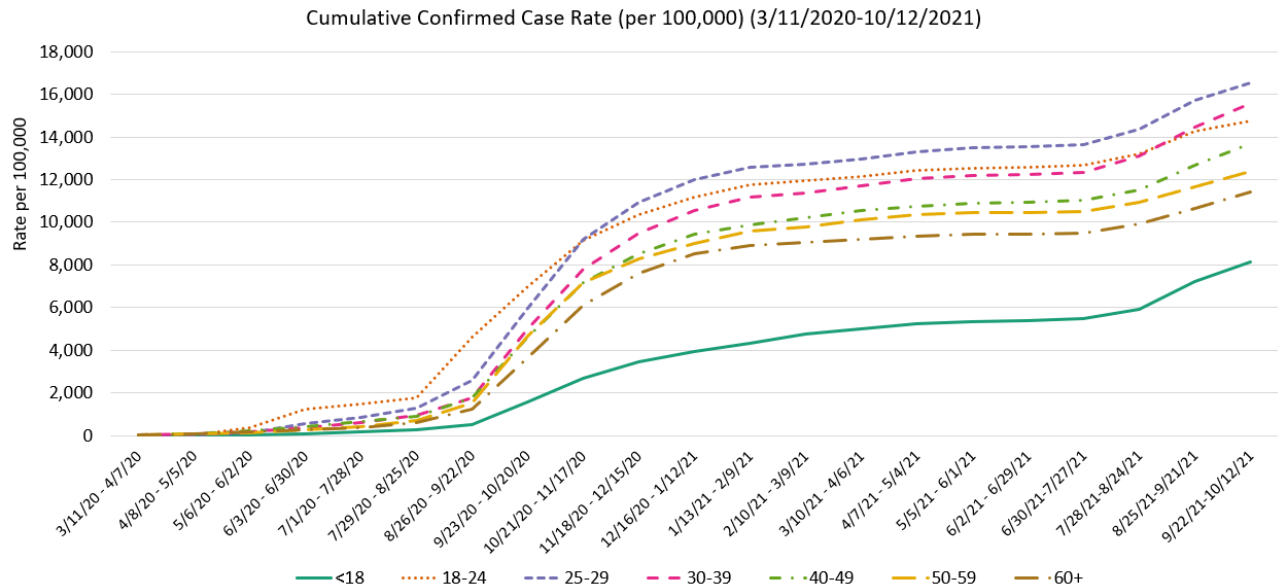
The figures below show the percent positivity and total testing numbers by age group. Antigen tests are not included in the testing numbers or the percent positivity calculation. A PCR confirmed case is only counted once in the percent positivity calculation, meaning a person with multiple positive PCR tests only counts as one confirmed case. Over the past week, individuals aged 40-59 had an 10.0% positivity rate. Over the past week, **7.6% of PCR tests were positive** in our jurisdiction, which is a slight increase from the 7.4% positivity reported for the previous week (9/29-10/5).



10/6-10/12	<18	18-24	25-39	40-59	60+	Total
Percent Positivity	7.1%	5.9%	9.2%	10.0%	5.4%	7.6%
Testing Rates per 100,000 population	2,994	2,297	3,115	2,738	3,610	3,073
Number of Tests	926	439	916	1,125	1,289	4,698
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.

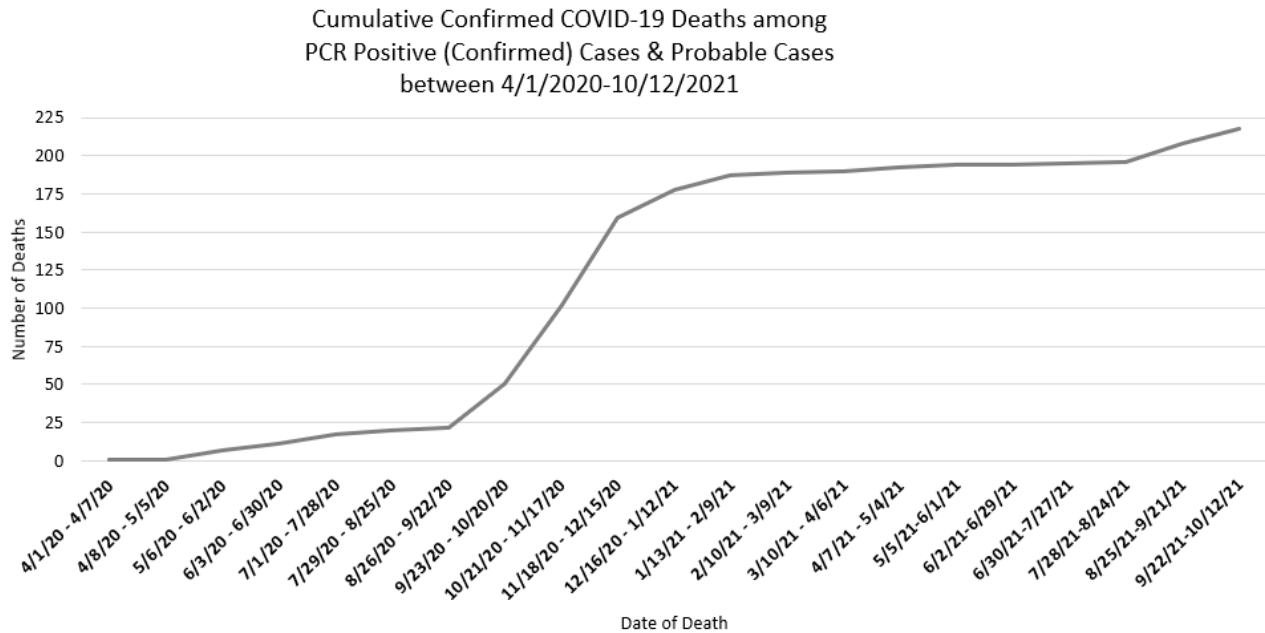
Age Group	Past Two Weeks (9/29/21-10/12/21)		Cumulative Confirmed Case Count	Population***
	Case Count	Case Rate (per 100,000)		
<5	16	192.9	346	8,293
5-9	44	532.9	654	8,256
10-14	44	491.9	815	8,944
15-17	38	699.2	695	5,435
18-24	56	293.1	2,817	19,108
25-29	53	523.1	1,673	10,132
30-39	117	607.1	2,999	19,273
40-49	108	591.2	2,502	18,269
50-59	105	460.0	2,827	22,826
60+	156	482.1	3,691	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	19	1	20	87.6	22,826
60-69	28	8	36	218.3	16,491
70-79	33	16	49	510.7	9,594
80-89	37	32	69	1,689.5	6,274
90+	9	28	37		
Total	133	85	218	144.6	152,895

All Confirmed COVID-19 Deaths by Ethnicity, Race, and Sex		
Ethnicity	Hispanic/Latino or Unknown	14
	Not Hispanic/Latino	204
Race	Other or Unknown	16
	White	202
Sex	Female	87
	Male	130

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

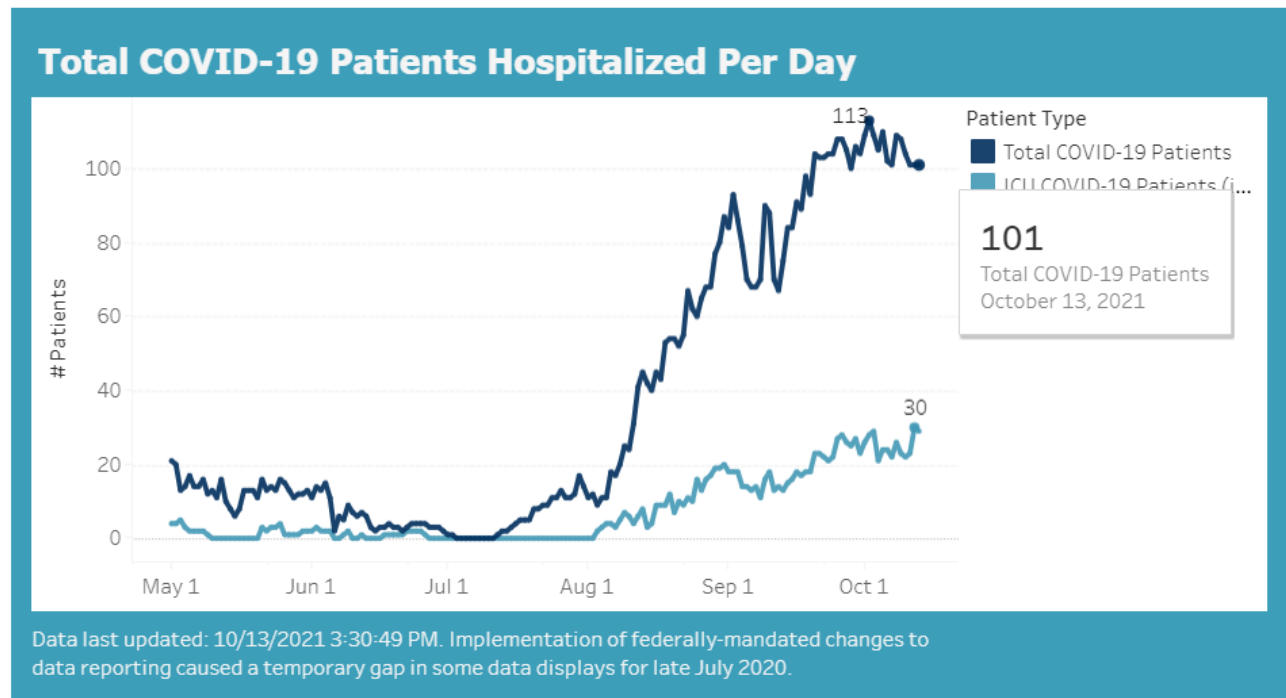
Healthcare Measures for the Fox Valley Area

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.

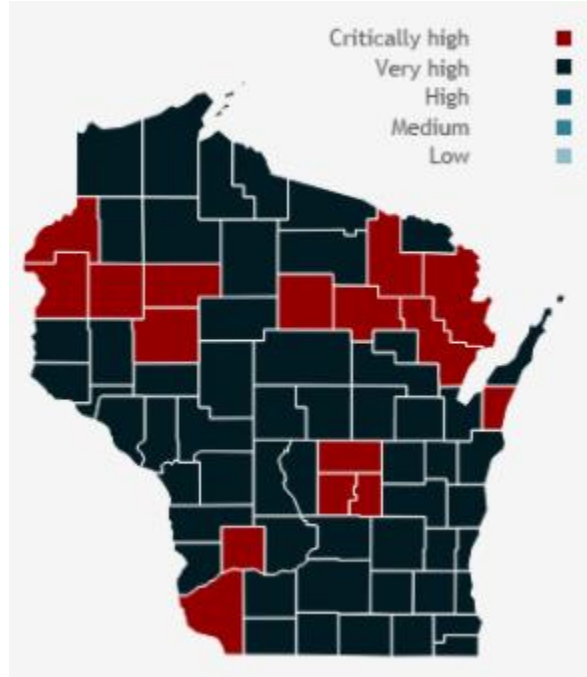
As of 10/13/2021, there were **101 COVID-19 patients hospitalized** in the Fox Valley Area hospitals with 29 of those patients in the ICU.

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 10/13/2021



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 October 13, 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	1,108	654.3 Very High	-14% ▼	Very High ■	6.7%
Fox Valley Area	4,446	815.2 Very High	-16% ▼	Very High ■	8.1%
Outagamie	1,402	762.8 Very High	N/A ↔	Very High ■	8.5%
Wisconsin	39,688	686.5 Very High	N/A ↔	Very High ■	8.7%

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 September 29, 2021 – October 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 (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](#)