



Winnebago County Health Department

COVID-19 Weekly Data Summary

January 6, 2022

Cases are increasing at an alarming rate. Health care is at capacity, take precautions now to help save those that need medical attention.

Summary

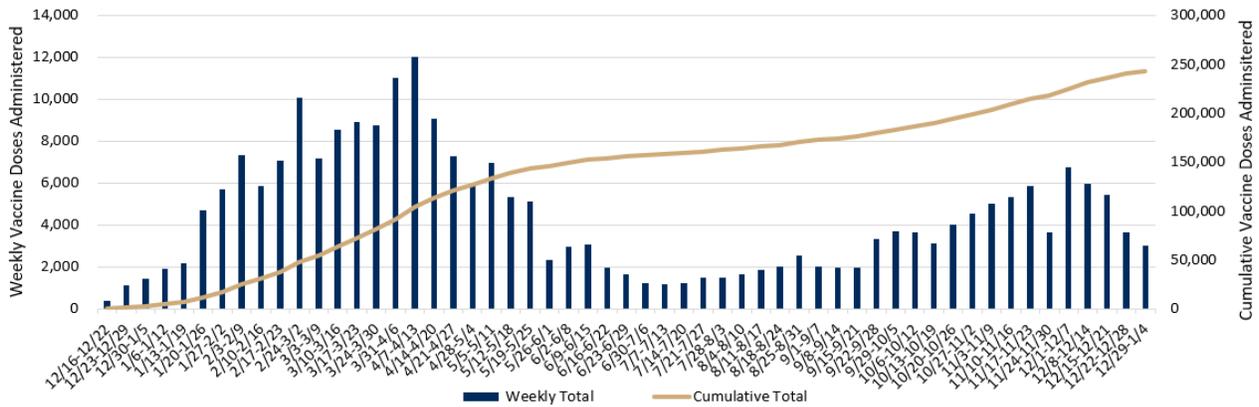
- Winnebago County Health Department and Wisconsin Department of Health Services (DHS) are urging everyone to [take urgent action](#) to prevent hospitalizations and deaths. Public health officials are concerned that already strained health care systems will become further overwhelmed because of the Omicron variant, leading to dangerous situations where hospitals will be unable to serve patients who require care. DHS is advising everyone to get [vaccinated](#) against COVID-19, wear a [well-fitting mask](#), avoid crowds, and get [tested](#) for COVID-19.
- Situational Awareness:
 - Winnebago County is at a **critically high** burden status and activity level. We are in a surge due to Omicron and are likely to remain at high levels of cases for the weeks to come. If you are at high risk of complications from COVID-19 be extremely cautious at this time.
 - Case rates have reached the highest point of the pandemic. There have been 4,194 confirmed + probable cases reported in December 2021, and the case rate reached 1,674.8 confirmed + probable cases per 100,000 people over the past 14 days. Prior to last month, the highest number of cases reported was in October 2020 when we had a total of 4,108 confirmed + probable cases. View our [latest Trend Weekly Data Summary](#) for more information.
 - There are currently 122 [COVID-19 patients hospitalized](#) in Fox Valley Area hospitals. Local health systems are at a crisis point and are severely strained due to the current spike in cases.
 - 27% of Winnebago County residents have received a COVID-19 booster dose.
- The Winnebago County Health Department has updated [guidance for quarantine and isolation](#) to align with new recommendations from [CDC](#) and [DHS](#). Schools, daycares, congregations and other high-risk settings may have additional guidelines. Please notify your schools and workplaces if you test positive for COVID-19.
- The emergence of the [Omicron](#) variant is yet another reason to get vaccinated and get a booster if you are eligible. [COVID-19 vaccines](#) are proven to reduce the risk of getting the virus and also protect the people around you, particularly those at increased risk for severe illness from COVID-19.
- Vaccines are available for anyone five and older any day of the week. Visit www.wcvaccine.org to find answers to your vaccine questions and find a vaccination site near you.
- [Unvaccinated people](#) account for the vast majority of severe cases, hospitalizations and deaths from COVID-19. The risk of having a serious adverse reaction to the vaccine is very low — far lower than the risk of contracting COVID-19. Vaccines are free and do not require an ID or insurance at many locations.
- [CDC has endorsed](#) the [FDA's authorization](#) of Pfizer booster doses for 12- to 15-year-olds, five months after their initial vaccination series is complete. Before the Winnebago County Health Department can offer expanded booster doses to this age group, we must first get approval from DHS.
- [CDC recommends](#) people receive an mRNA COVID-19 vaccine (Pfizer or Moderna) over Johnson & Johnson's COVID-19 vaccine, when possible and appropriate.
- To keep [kids safe and in school](#), get your child vaccinated, have your child wear a well-fitting 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.
- COVID-19 testing remains an important tool in reducing spread of the virus. Whether you are vaccinated or unvaccinated, protect others by isolating if infected and get 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 ones, you can infect others.
 - If you were exposed to COVID-19, it's best to wait about 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.
 - Anyone with symptoms should get tested immediately.
 - [Visit our website](#) for a list of testing locations in Winnebago County. [Sunnyview Expo Center](#) PCR test results currently take approximately 2-3 days.
- 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 close contacts](#) themselves.

COVID-19 Vaccination Data

As of 1/5/2022, **6,831,733 doses** of the [COVID-19 vaccine](#) have been administered to Wisconsin residents with 62.2% of the Wisconsin population having received at least one dose of the COVID-19 vaccine and 58.3% of the Wisconsin population have completed the vaccine series.

As of 1/5/2022, **244,440 doses** of [COVID-19 vaccine](#) have been administered to Winnebago County residents with 61.0% of the county population having received at least one dose of the COVID-19 vaccine and 59.3% of the county population have completed the vaccine series. Of Winnebago County residents aged 5 or older, 64.5% have received at least one dose of the COVID-19 vaccine. Since August 12, 2021, over 46,198 3rd doses/booster doses have been administered to Winnebago County residents. Since November 7, 2021 over 3,500 first doses have been administered to children ages 5 to 11.

Cumulative and Weekly Number of COVID-19 Vaccine Doses Administered to Winnebago County Residents (12/16/2020-1/4/2022)



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	3,598	51.3%	7,017	Sex	Female	54,909	64.9%	84,556
	Not Hispanic or Latino	97,830	59.9%	163,394		Male	48,811	56.9%	85,855
	Unknown	2,469				Unknown	177		
Race	American Indian or Alaska Native	612	60.6%	1,010	Age Group	5-11	3,518	25.8%	13,635
	Asian	3,415	71.9%	4,748		12-15	4,247	53.3%	7,974
	Black or African-American	1,639	42.3%	3,874		16-17	2,286	55.7%	4,103
	Native Hawaiian or Other Pacific Islander	120	93.0%	129		18-24	8,481	41.4%	20,491
	Other Race	7,477	99.9%**	4,291		25-34	13,162	58.6%	22,442
	White	87,924	56.2%	156,359		35-44	14,009	69.5%	20,144
	Unknown	2,710				45-54	14,300	63.9%	22,390
						55-64	18,266	80.0%	22,846
						65-74	15,179	99.9%**	15,050
				75+	10,448	87.3%	11,964		
				5+	103,897	64.5%	161,039		

*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.

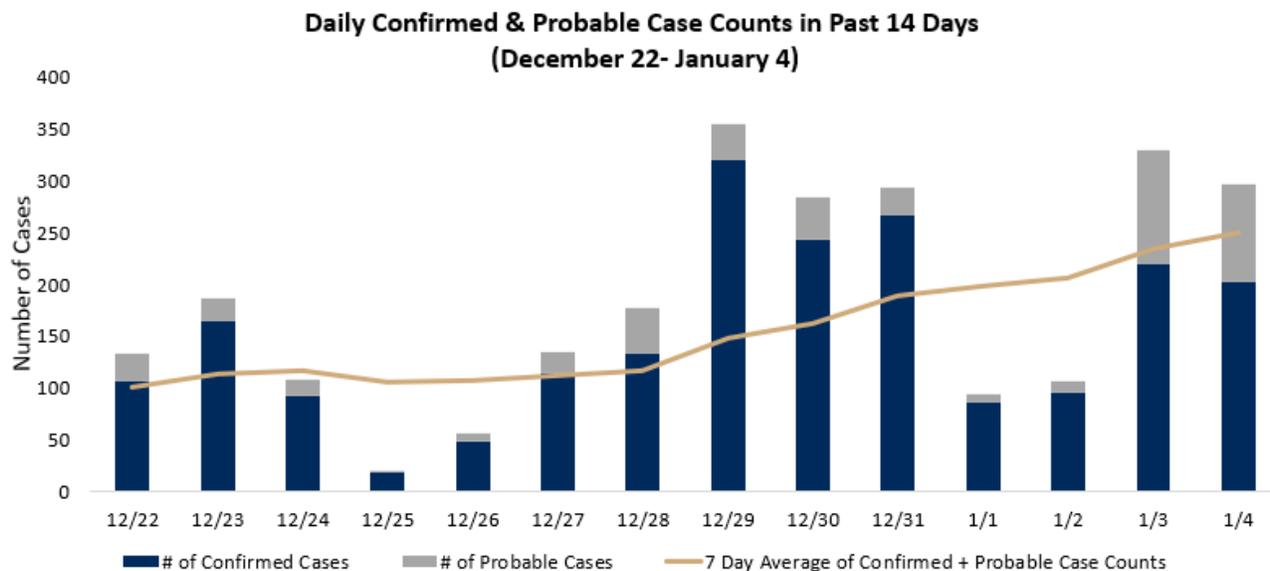
Reported Case Counts

	Case Counts for the Past 14 Days 12/22/2021-01/04/2022	Cumulative Case Counts 03/09/2020-01/05/2022
Confirmed Cases	2,115	26,873
Active Cases		2,119 (8% of cumulative cases)
Recovered Cases		24,522 (91% of cumulative cases)
Probable Cases	460	5,318
Negative Cases	1,797	117,749
Deaths**	4	267
Among Confirmed Cases	2	232
Among Probable Cases	2	35

**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 183.9 confirmed and probable cases per day, which is an increase from the 107.3 confirmed and probable cases per day last week. Total daily confirmed and probable case counts ranged from 20 to 354 cases.** There was an average of 151.1 confirmed cases per day, which is an increase from the 88.9 cases per day last week. There was an average of 32.9 probable cases per day, which is an increase from the 18.4 probable cases per day 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 (NAAT)). 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.

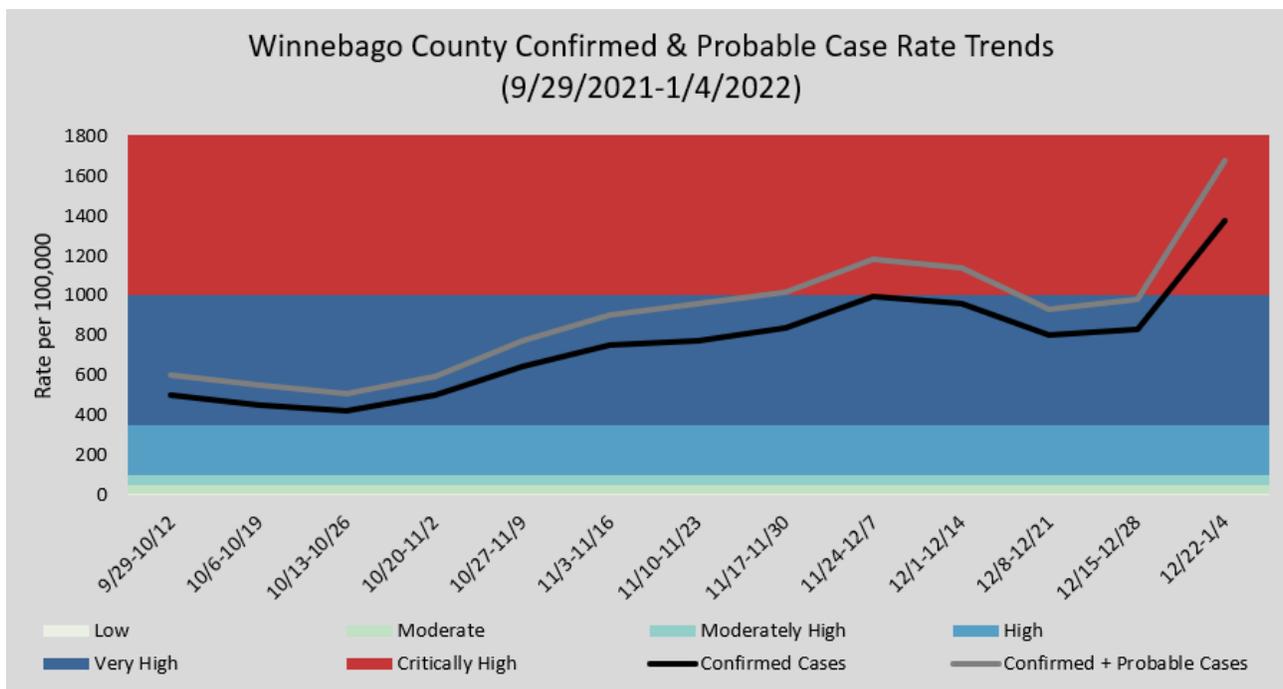
Dates	Confirmed Cases	Probable Cases	Total (Confirmed + Probable)
12/22/21-12/28/21	681	138	819
12/29/21-01/04/22	1,434	322	1,756
Total for last two weeks	2,115	460	2,575
Case rates for last two weeks (per 100,000 population)	1,375.6	299.2	1,674.8

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.

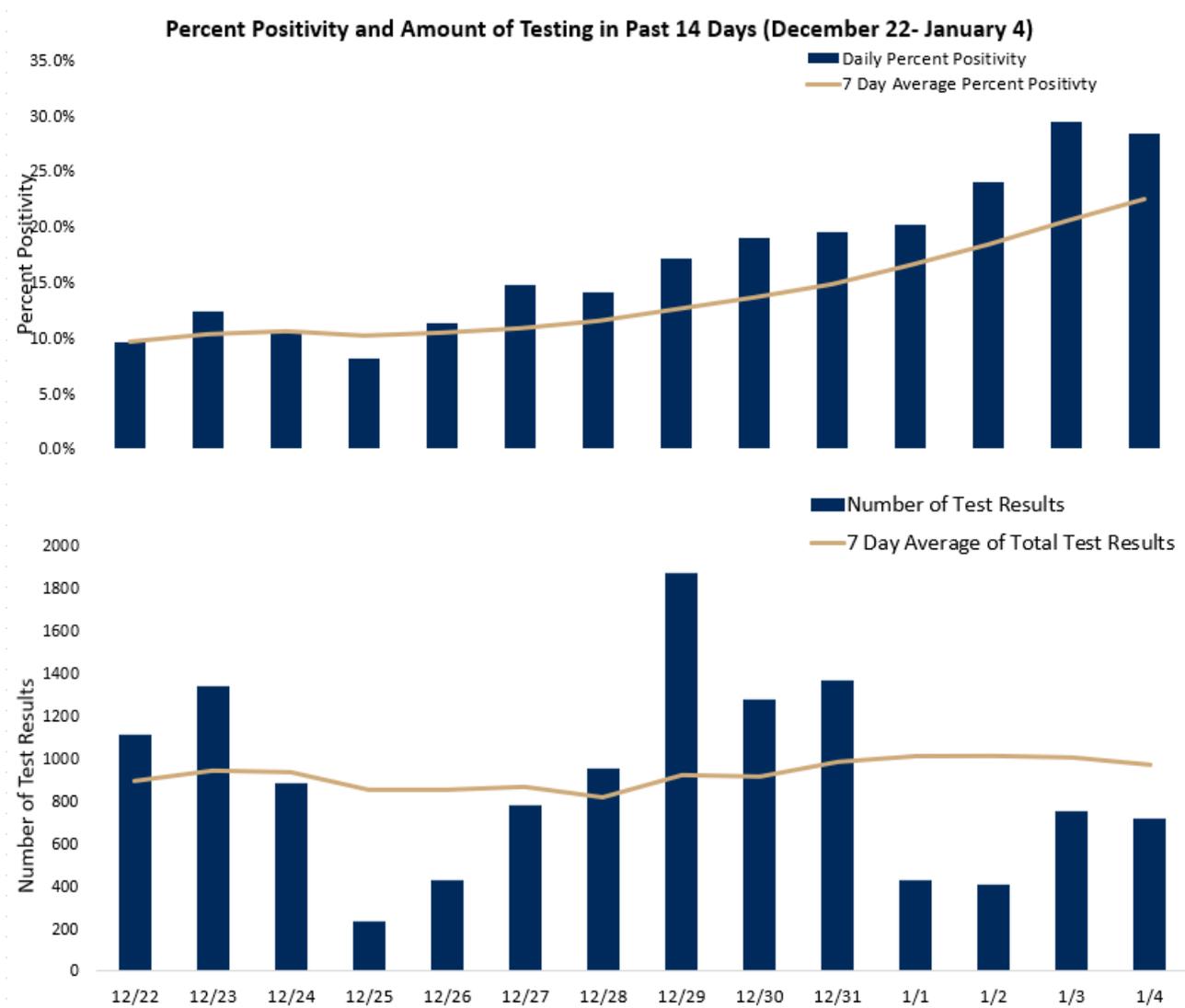


Amount of Testing and Percent Positivity

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.

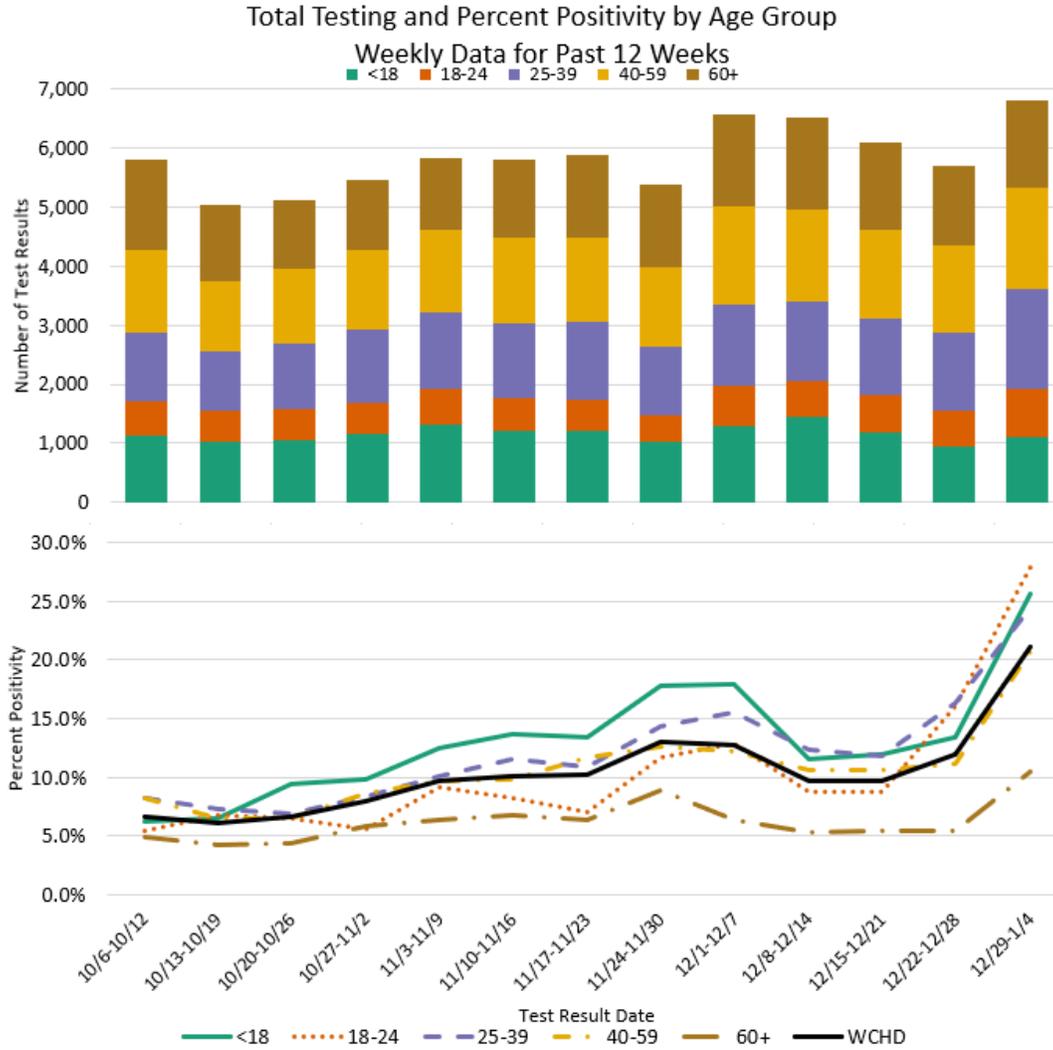
Over the past two weeks, **16.9% of PCR tests were positive**, which is an increase from the 10.9% positivity last week. Over the past two weeks an **average of 893 PCR tests** were conducted each day among residents within the Winnebago County Health Department jurisdiction. Antigen tests are not included 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 community test sites in and [Appleton](#).



Amount of Testing and Percent Positivity by Age Group

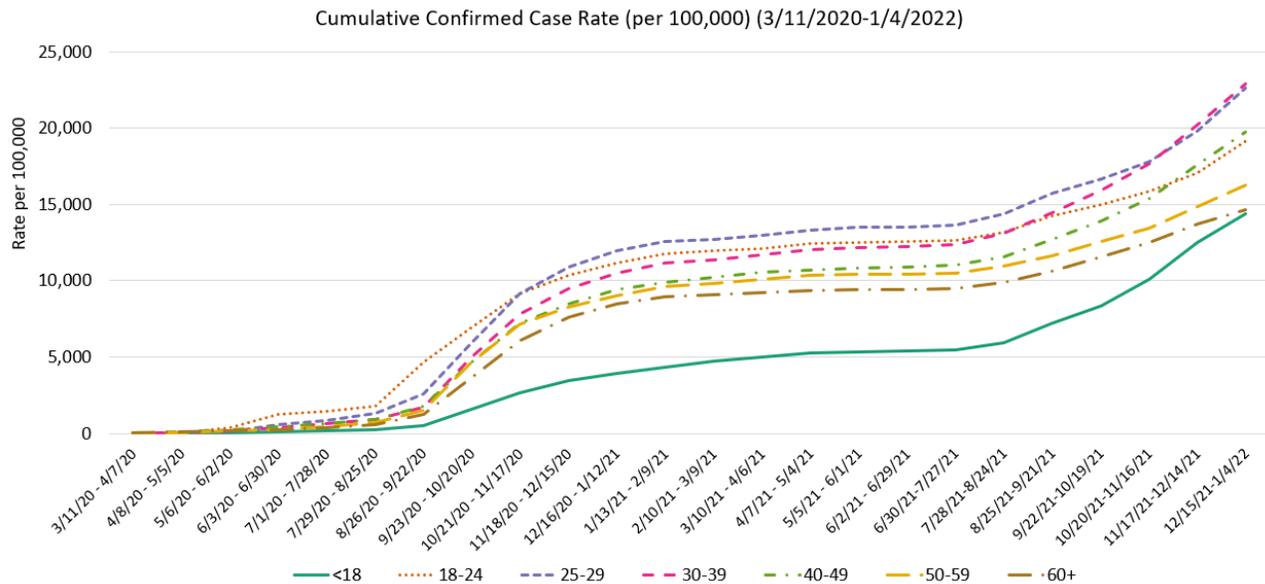
The figures below show the percent positivity and total testing numbers by age group. Antigen tests are not included in the testing numbers or the percent positivity calculation. A PCR confirmed case is only counted once in the percent positivity calculation, meaning a person with multiple positive PCR tests only counts as one confirmed case. Over the past week, individuals aged 18-24 had a 27.9% positivity rate. Over the past week, **21.1% of PCR tests were positive** in our jurisdiction, which is an increase from the 12.2% positivity reported for the previous week (12/22-12/28).



12/29/21-01/04/22	<18	18-24	25-39	40-59	60+	Total
Percent Positivity	25.7%	27.9%	24.4%	20.8%	10.6%	21.1%
Testing Rates per 100,000 population	3,586	4,223	4,448	3,465	4,568	4,446
Number of Tests	1,109	807	1,683	1,720	1,478	6,798
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.

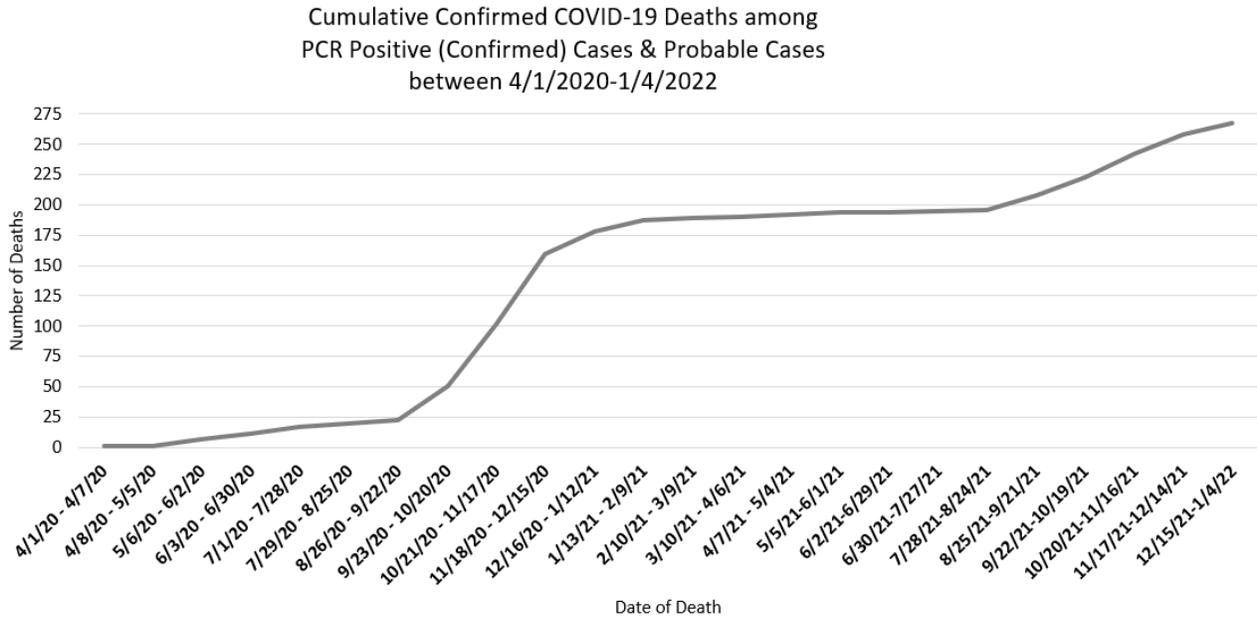
Age Group	Past Two Weeks (12/22/21-01/04/22)		Cumulative PCR Confirmed Case Count	Population***
	PCR Confirmed Case Count	Case Rate (per 100,000)		
<5	84	1,012.9	685	8,293
5-9	99	1,199.1	1,292	8,256
10-14	131	1,464.7	1,417	8,944
15-17	97	1,784.7	1,025	5,435
18-24	324	1,695.6	3,634	19,108
25-29	243	2,398.3	2,284	10,132
30-39	382	1,982.0	4,392	19,273
40-49	293	1,603.8	3,586	18,269
50-59	232	1,016.4	3,680	22,826
60+	230	710.8	4,737	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 100,000	Population
<50	12	1	13	13.3	97,710
50-59	25	1	26	113.9	22,826
60-69	35	8	43	260.7	16,491
70-79	40	20	60	625.4	9,594
80-89	45	36	81	1,992.3	6,274
90+	14	30	44		
Total	171	96	267	174.6	152,895

All Confirmed COVID-19 Deaths by Ethnicity, Race, and Sex		
Ethnicity	Hispanic/Latino or Unknown	22
	Not Hispanic/Latino	245
Race	Other or Unknown	21
	White	246
Sex	Female	113
	Male	154

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

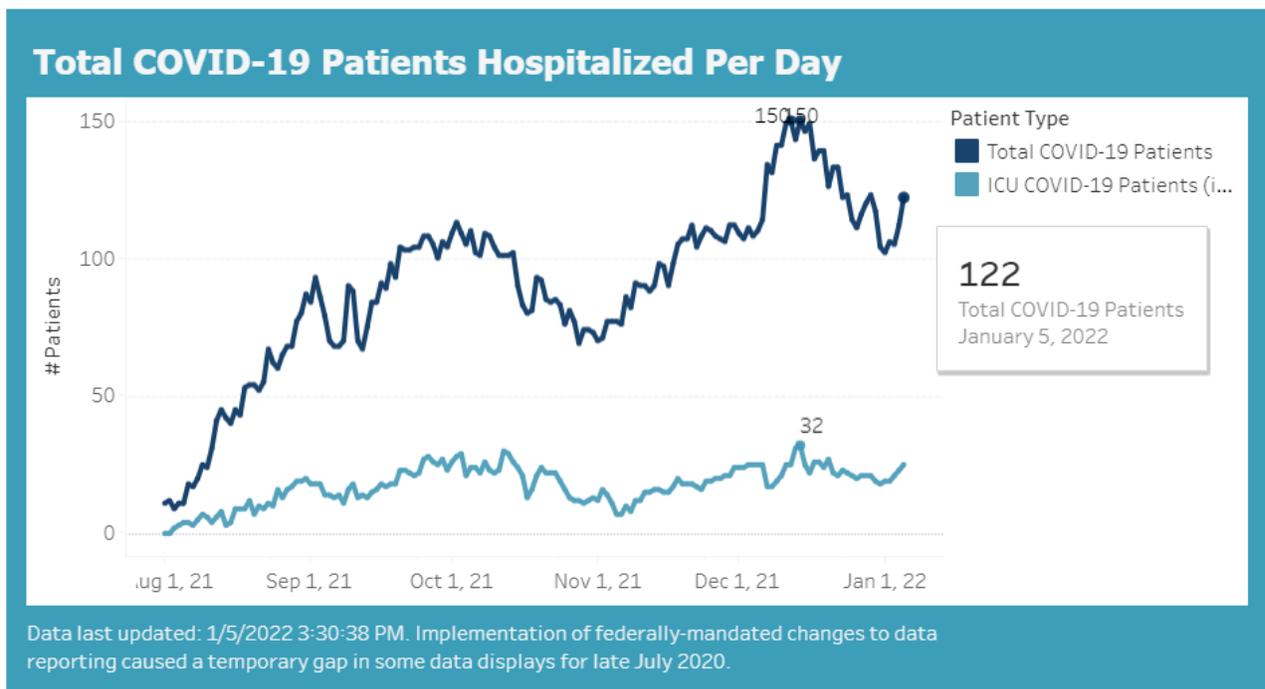
Healthcare Measures for the Fox Valley Area

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.

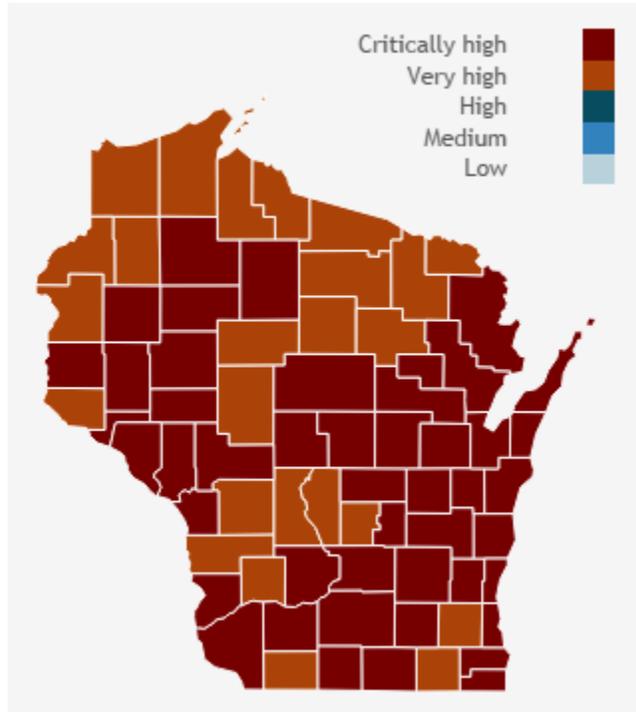
As of 01/05/2022, there were **122 COVID-19 patients hospitalized** in the Fox Valley Area hospitals with 25 of those patients in the ICU.

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 01/05/2022



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 5, 2022, Winnebago County**** and the Fox Valley Region were classified as having a **critically 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	2,773	1,637.5 Critically High	+106% ▲	Critically High ■	21.9%
Fox Valley Area	7,664	1,405.3 Critically High	+81% ▲	Critically High ■	21.6%
Outagamie	2,470	1,343.9 Critically High	+44% ▲	Critically High ■	22.7%
Wisconsin	83,968	1,452.5 Critically High	+66% ▲	Critically High ■	27.4%

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 December 22, 2021 – January 4, 2022. 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](#)