



Public Health
Prevent. Promote. Protect.

**Winnebago County
Health Department**

Winnebago County Health Department COVID-19 Weekly Data Summary

July 16, 2020

Summary

- Currently in Winnebago County confirmed COVID-19 cases are moderately high and trending upward.
- Over the past two weeks, individuals aged 20-39 have the highest confirmed case rates.
- While percent positivity is currently below 5%, the amount of testing remains inadequate. Not all persons with symptoms are able to get a test at this time.
- Fox Valley area hospitals have adequate capacity given the burden of disease in our community at this time.
- Disease investigation capacity is adequate. All confirmed cases are contacted within 24 hours of being communicated to the health department.
- Disease investigators report that the number of contacts per confirmed case has been increasing and many of the contacts are coming from gatherings including graduation parties, Fourth of July parties, cookouts, camping/swimming, and golfing.
- **Increased physical distancing and mask wearing are needed now to reduce case counts and decrease community spread. Keep your social circles small and avoid crowded indoor spaces.**

Background Information

This report provides data on the confirmed COVID-19 cases from July 1 - July 14, 2020. Dates utilized for all graphs are based on test result date. 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 increase 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: 154,379). It does not include the portions of the City of Menasha or City of Appleton that fall within Winnebago County, as those areas fall within the jurisdiction of the [City of Menasha Health Department](#) and [City of Appleton Health Department](#). Data provided on the [Department of Health Services website](#) may be different than the information provided by WCHD because the state reports data for the entire county, which includes those portions of Menasha and Appleton.

Case Counts

- **Cumulative Case Counts (3/9/2020 - 7/14/2020)**

- Confirmed Cases: 708
 - Active Cases: 107 (15% of cumulative cases)
 - Recovered Cases: 601 (85% of cumulative cases)
- Probable Cases: 54
- Negative Cases: 18,542
- *Deaths: 14

- **Case Counts for the Past 14 Days (7/1/2020 - 7/14/2020)**

- Confirmed Cases: 107
- Probable Cases: 6
- Negative Cases: 3,539
- *Deaths: 3
- Confirmed Case Rate: 69.3 cases per 100,000 population
 - *Moderately high burden*
 - *Previous two weeks (June 17-June 30): Case rate of 58.9 per 100,000 population*

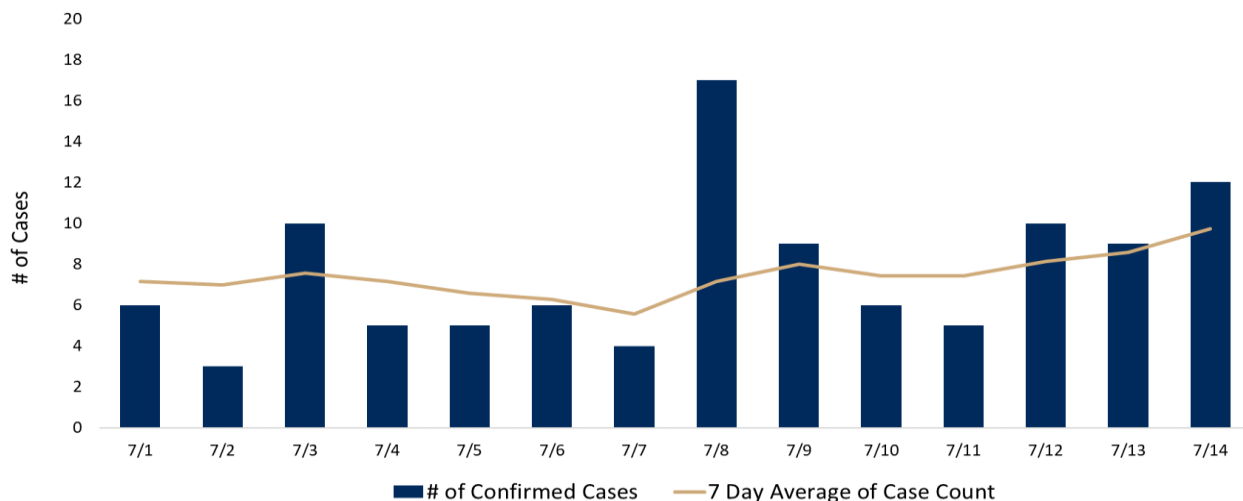
Burden Status	Case Rate per 100,000 residents in the past two weeks	Number of Cases in the past two weeks
Low	Case rate is less than or equal to 10.	Less than 15 cases
Moderate	Case rate is greater than, but less than or equal to 50.	Greater than 15 cases, but less than or equal to 77 cases.
Moderately 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.	Greater than 154 cases.

*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.

Case Count by Day – Last 2 Weeks

With adequate testing in place, trending daily case counts show if the disease is spreading or shrinking and what the overall burden of disease is in our area. This graph shows the number of confirmed cases by the test result date. There was an average of 7.6 cases per day. Daily cases ranged from 3 to 17. Daily case count is **trending slightly upwards**. For a full disease curve, see the [dashboard](#) on our [website](#).

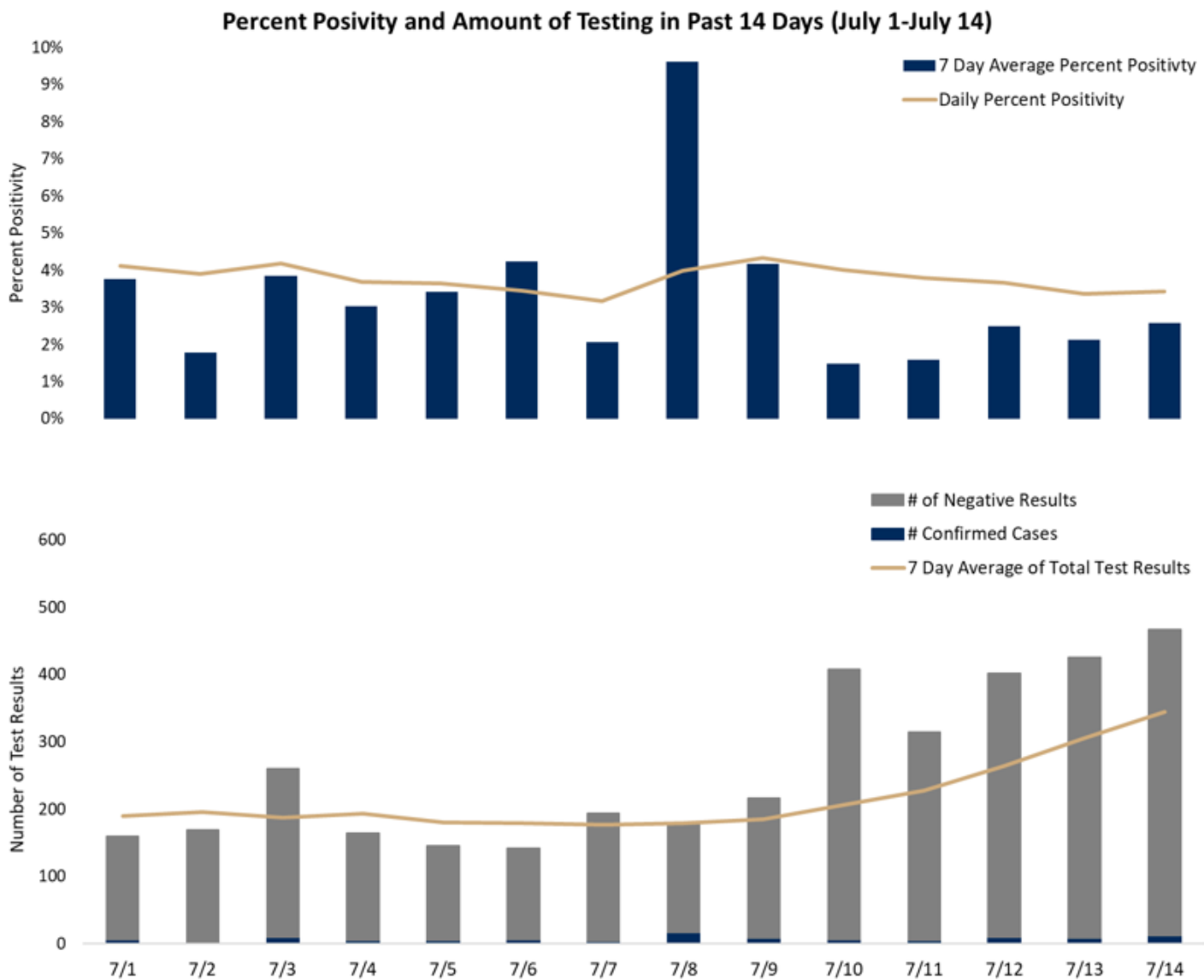
Daily Case Count in Past 14 Days (July 1- July 14)



Amount of Testing and Percent Positivity

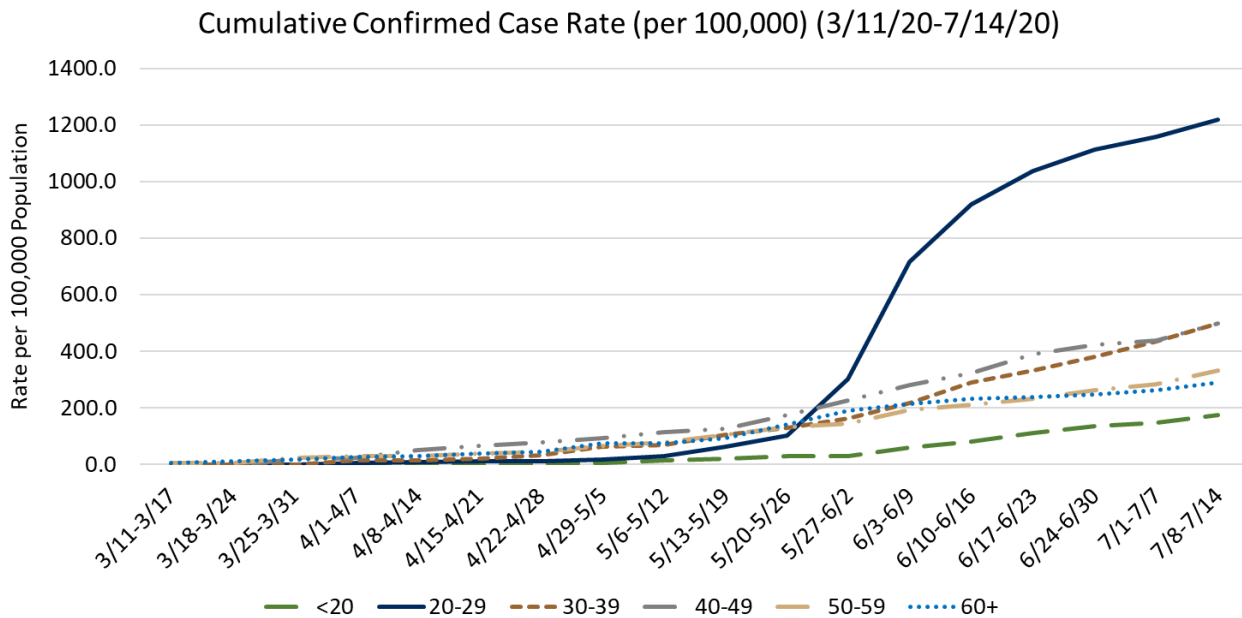
Adequate testing capacity and utilization are necessary for identification of active infections of COVID-19. Only through identification of cases may they be investigated to help prevent spread to others. Higher disease activity requires more testing to find enough cases in order to slow the spread. The percent positivity helps determine if adequate testing is being done. When percent positivity is high, testing needs to increase to help identify more active infections. Our current goal is to have enough testing to keep the percent positivity below 5%.

An average of 3.3% of tests were positive. Daily positivity ranged from 1.5% to 9.6%. An average of 260 tests were conducted each day.



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. In this case the 20-29 year old population has had a much higher rate of increase compared to other age groups and has started to slow. The cumulative case rate among the **20-29 age group is 2.4 times higher** than the next highest age group's cumulative case rate.



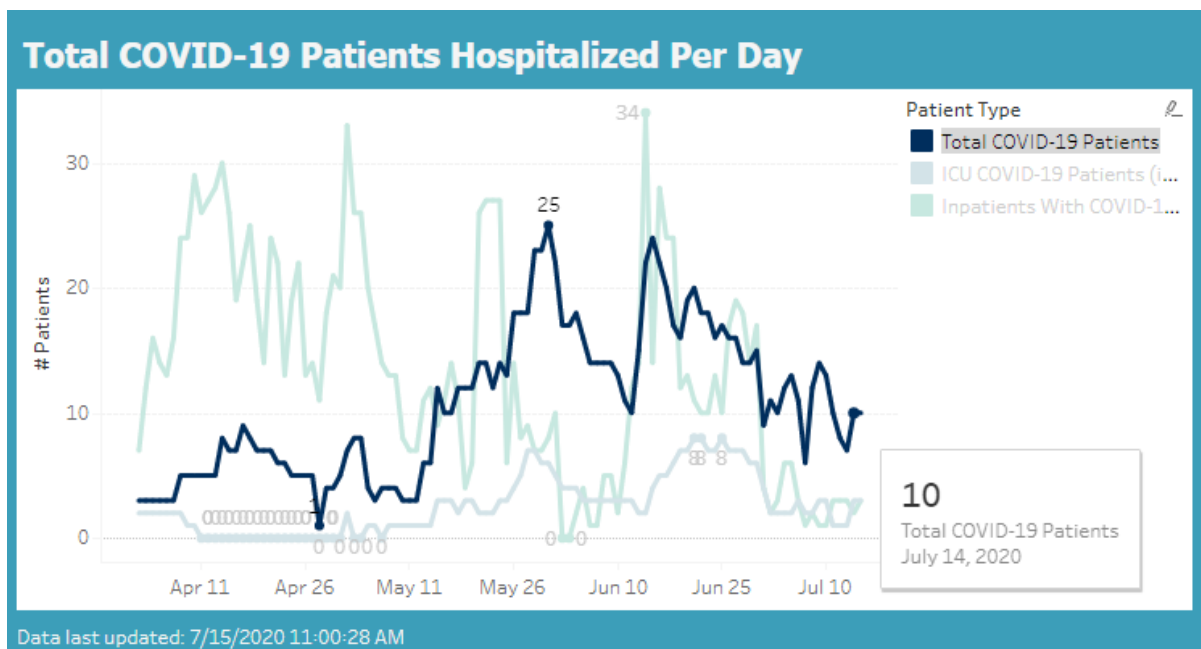
This table shows the case count and case rate by age group for the past two weeks and cumulatively. Although, cumulatively, the 20-29 age group has a noticeably higher case rate than any other age group, over the past two weeks, individuals aged 20-39 have had the highest confirmed case rates.

Age Group	Past Two Weeks (7/1/20-7/14/20)		Cumulative (3/11/20-7/14/20)		Winnebago Co Population
	Case Count	Case Rate (per 100,000)	Case Count	Case Rate (per 100,000)	
<20	14	39.0	63	175.6	35,871
20-29	26	107.0	296	1218.3	24,297
30-39	23	119.3	96	498.1	19,273
40-49	14	76.6	91	498.1	18,269
50-59	16	70.1	76	333.0	22,826
60+	14	43.3	94	290.5	32,359

Healthcare Measures for the Fox Valley Area

The Fox Valley Area HERC Region includes Calumet, Green Lake, 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 health care systems exceed their capacity, the ability to treat severe illness is compromised and patients do worse and/or don't get the care they need to survive the illness. As of 7/14/2020, there were **10 COVID-19 patients hospitalized** in the Fox Valley Area with **2 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>



Bed Count

	Beds Immediately Available	Total Beds
ICU	21	104
Intermediate Care	3	29
Medical Surgical	43	489
Neg Flow Isolation	111	231

Data last updated: 7/15/2020 11:00:28 AM

Ventilator Availability

General Use Bedside Vent (Critical Care)	114
Ventilated Patients (All)	14

Data last updated: 7/15/2020 11:00:28 AM

Burden, Trajectory, and Activity Level Across Wisconsin in Past 14 Days

Updated 7/15/2020

The Wisconsin Department of Health Services classifies regions and counties as 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 at 2 p.m. As of July 15, 2020, Winnebago County** and the Fox Valley Region are both classified as having a **high COVID-19 activity level, moderately high burden, and a growing trajectory**. To view more information on these metrics, please visit <https://www.dhs.wisconsin.gov/covid-19/local.htm>

COVID-19 Case Indicators (last 2 weeks)

Updated: 7/15/2020

Select area

☒ County

☐ HERC Region

COVID-19 activity level

☐ Low

☐ Medium

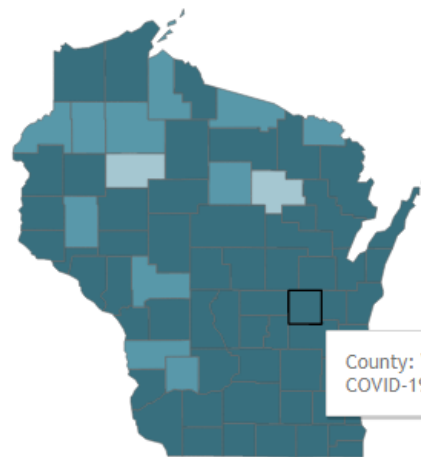
☐ High

COVID-19 activity level

Highlight area

Highlight Area

Click on a county or region on the map to filter data below.



County: Winnebago
COVID-19 Activity Level: High

Burden (case rate), trajectory (percent case change), and activity level

Area	Count	Burden	Trajectory	Trend	Activity level
Winnebago	121	71	Moderately High	80	▲ High
Fox Valley Area	541	99	Moderately High	56	▲ High

***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](#).*