Winnebago County Health Department
COVID-19 Weekly Data Summary
July 23, 2020

Summary

- Currently in Winnebago County the burden of confirmed COVID-19 cases is moderately high and the activity level is high.
- Case rates continue to increase in Winnebago County. Our past 2-week confirmed case rate is 93.3 cases per 100,000 population, an increase from the 69.3 per 100,000 population reported last week.
- Over the past two weeks, individuals aged 20-29 and 40-49 have the highest confirmed case rates.
- While testing 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. However, hospitalized COVID-19 patients have trended upward over the past two weeks.
- 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 Fourth of July parties, cookouts, and camping.
- **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 8 - July 21, 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.

For additional Winnebago County Health Department COVID-19 information:
- WCHD COVID-19 Webpage
- General Weekly Data Summaries
- Municipality Weekly Data Summaries
- School District Weekly Data Summaries

Case Counts

- **Cumulative Case Counts (3/9/2020 - 7/21/2020)**
  - Confirmed Cases: 792
    - Active Cases: 123 (16% of cumulative cases)
    - Recovered Cases: 653 (82% of cumulative cases)
  - Probable Cases: 58
  - Negative Cases: 20,376
  - *Deaths: 16
- **Case Counts for the Past 14 Days (7/8/2020 - 7/21/2020)**
  - Confirmed Cases: 144
  - Probable Cases: 7
  - Negative Cases: 3,069
  - *Deaths: 3
  - Confirmed Case Rate: 93.3 cases per 100,000 population
    - *Moderately high burden*
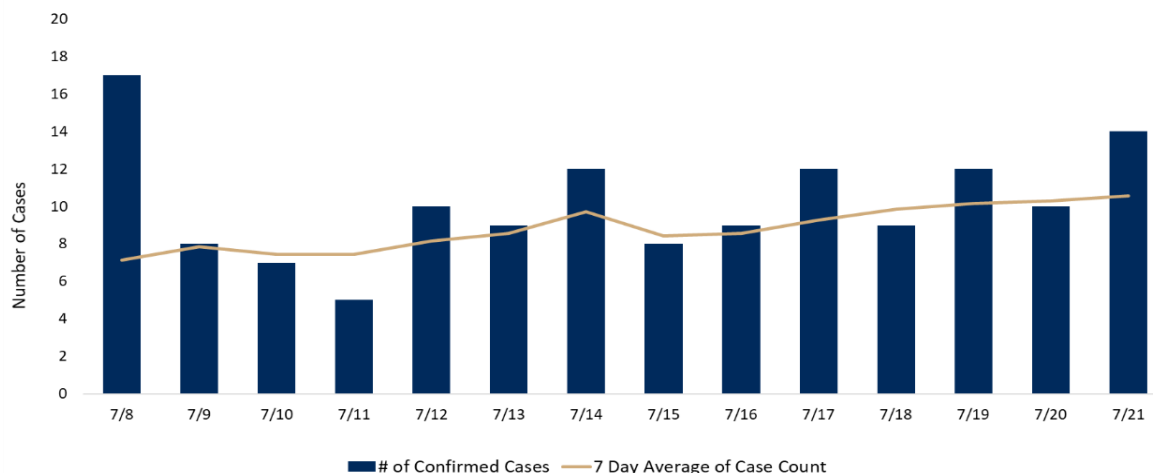   - *Previous two weeks (July 1- July 14): Case rate of 69.3 per 100,000 population*

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 10.1 cases per day. Daily cases ranged from 5 to 17. Daily case count is **trending upwards.** For a full disease curve, see the dashboard on our website.
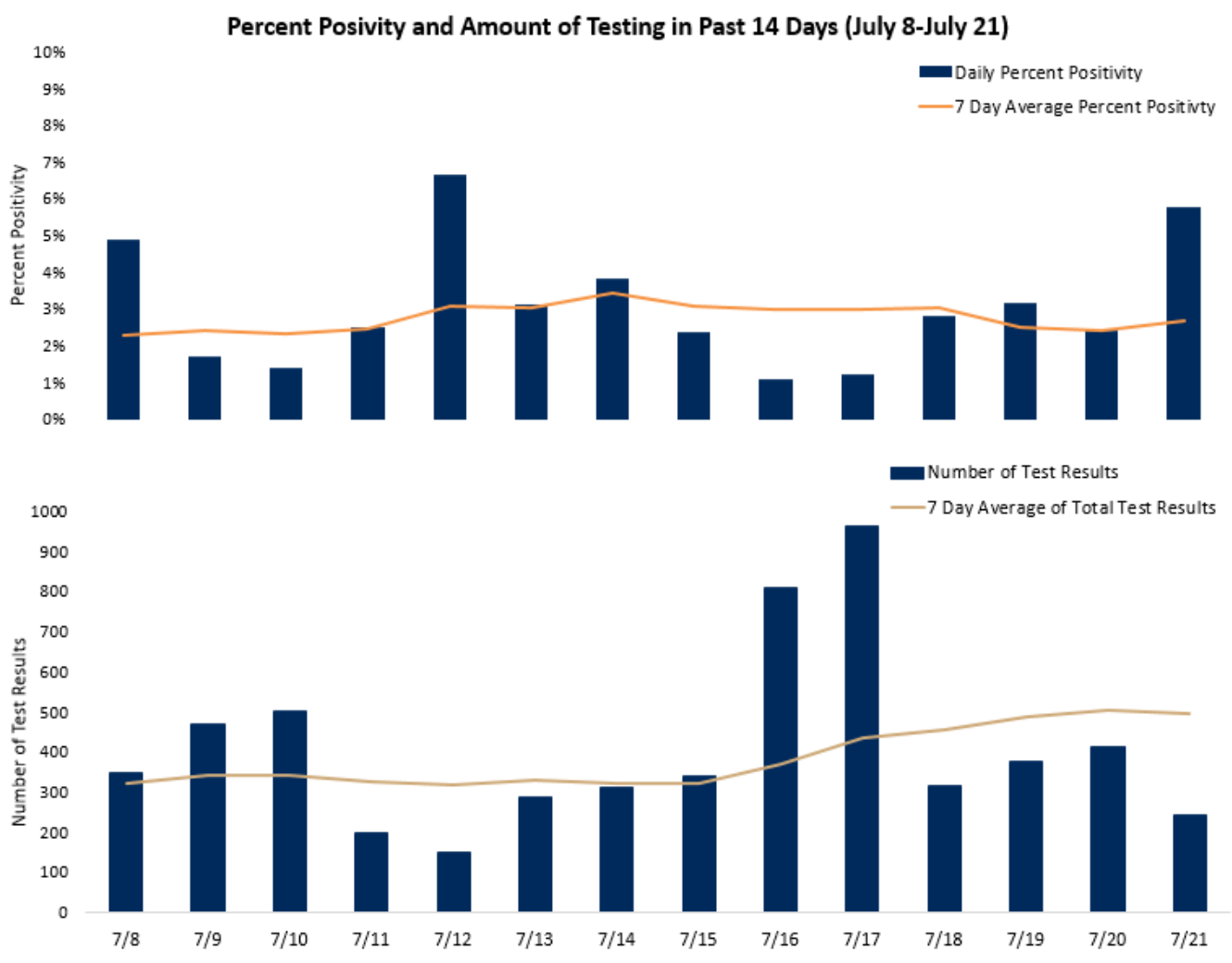

Daily Confirmed Case Count in Past 14 Days (July 8- July 21)
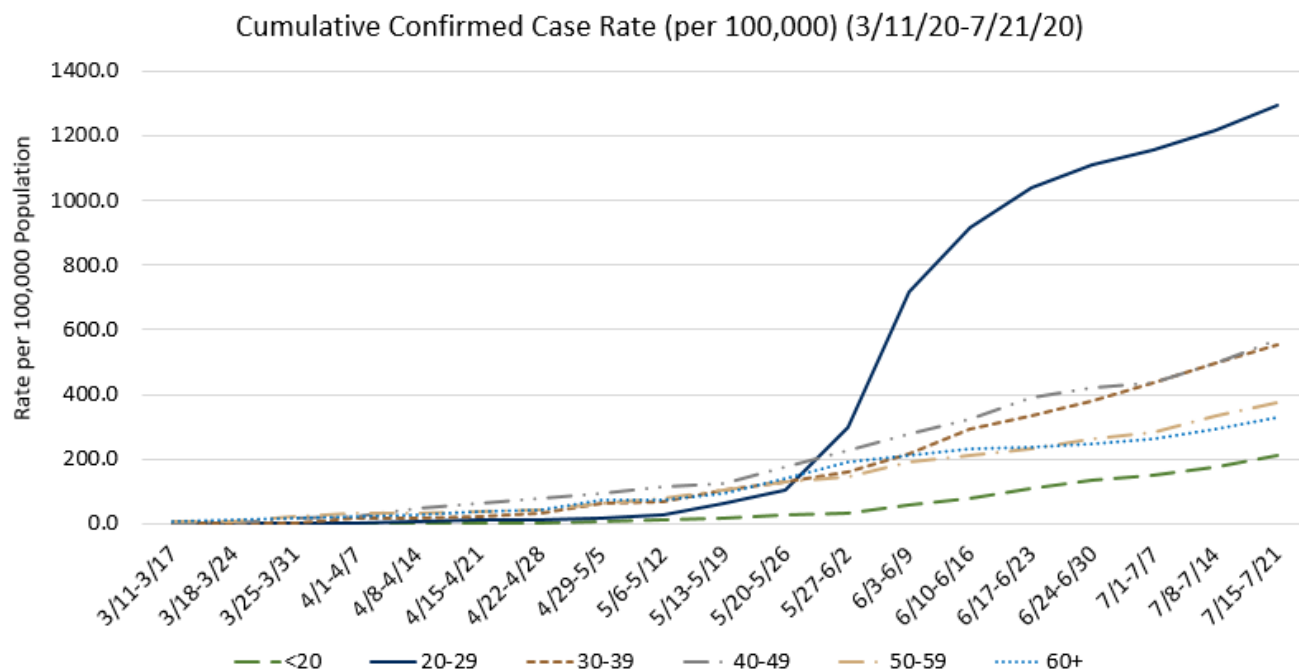
Amount of Testing and Percent Positivity

Adequate testing capacity and utilization is 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 3.1% of tests were positive. Daily positivity ranged from 1.1% to 6.7%. An average of 409 tests were conducted each day.

Percent Posivity and Amount of Testing in Past 14 Days (July 8-July 21)

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. The cumulative case rate among the **20-29 age group is 2.3 times higher** than the next highest age group's cumulative case rate.

Cumulative Confirmed Case Rate (per 100,000) (3/11/20-7/21/20)

This table shows the case count and case rate by age group for the past two weeks and cumulatively. The 20-29 age group has a noticeably higher cumulative case rate than any other age group. Over the past two weeks, **individuals aged 20-29 and 40-49 have had the highest confirmed case rates.**
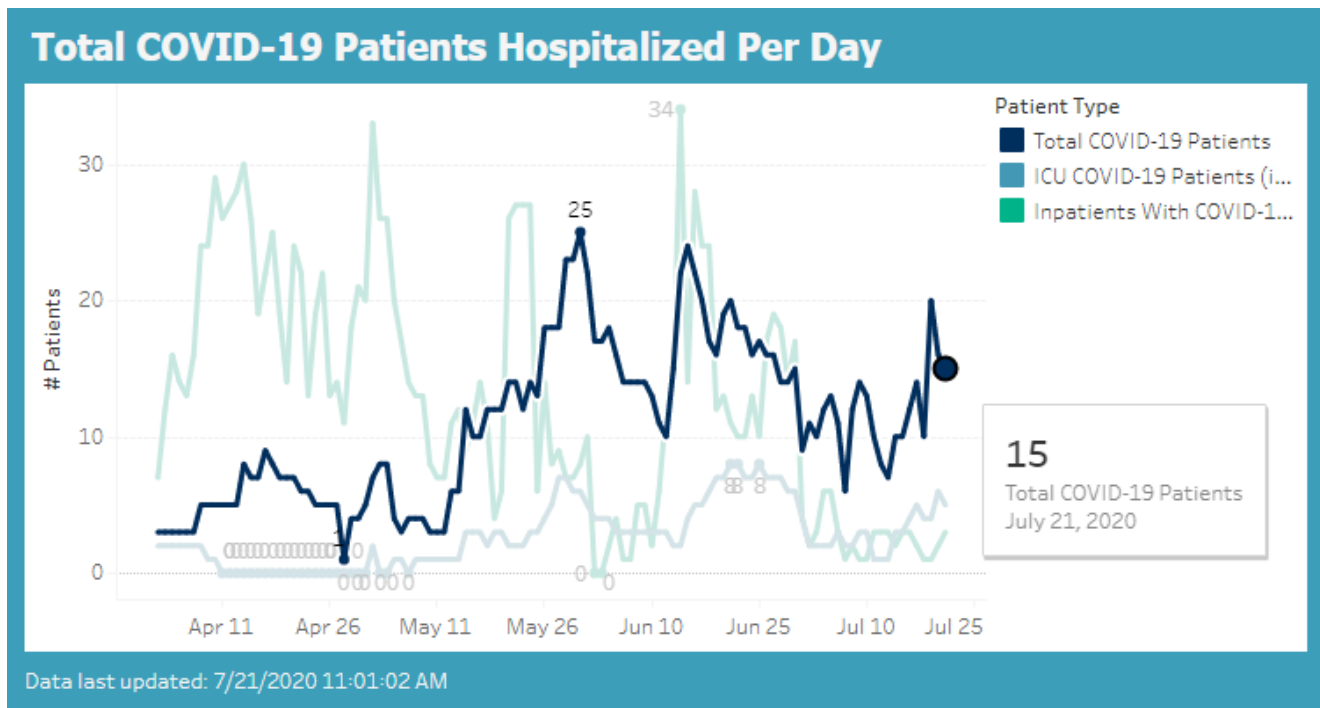
| Age Group | Past Two Weeks (7/8/20-7/21/20) | | | Cumulative Confirmed Case Count | Population** |
	Case Count	Case Rate (per 100,000)	Percent of Cumulative Cases		
<20	22	61.3	29.3%	75	35,871
20-29	**33**	**135.8**	10.5%	**314**	24,297
30-39	23	119.3	21.5%	107	19,273
40-49	**24**	**131.4**	23.1%	104	18,269
50-59	20	87.6	23.5%	85	22,826
60+	22	68.0	20.1%	107	32,359

** Age Group Population Data comes from the 2018 census. Total Population size across all age groups differs slightly from total population size used to calculate Winnebago County Health Department jurisdiction case rate (154,379) which was determined using 2019 population data from the WI Department of Administration.

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 7/21/2020, there were **15 COVID-19 patients hospitalized** in the Fox Valley Area with **5 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

Burden, Trajectory, and Activity Level Across Wisconsin in Past 14 Days
Updated 7/22/2020

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 22, 2020, 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

COVID-19 Case Indicators (last 2 weeks)
Updated: 7/22/2020

Select area
- ⦿ County
- ◯ HERC Region

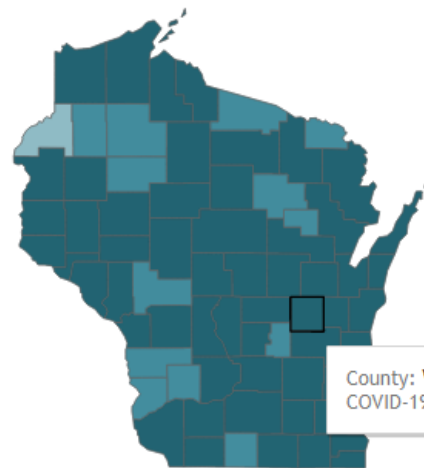**Activity level**
- ☐ Low
- ☐ Medium
- ■ High

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	158	93	Moderately High	N/A	↔	High	■
Fox Valley Area	657	120	High	N/A	↔	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.

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