

# COVID-19 Pandemic Resilient City of Menasha Plan

## Data Updates: March 18, 2021

### Summary/What's New

- The CDC has released new guidance for people who have been fully vaccinated. The new guidance can be reviewed [here](#).
- Effective January 26, 2021, the CDC issued an [Order](#) requiring all air passengers arriving to the US from a foreign country to get tested for COVID-19. [Read more about the order here](#).
- Beginning February 2, 2021, the CDC now requires the wearing of masks by all travelers into, within, or out of the United States, e.g., on airplanes, ships, ferries, trains, subways, buses, taxis, and ride-shares. The mask requirement also applies to travelers in U.S. transportation hubs. See this [CDC website](#) for more information.
- Information about new COVID-19 variants can be found on this [CDC webpage](#).
- WI DHS has created a webpage to keep track of vaccine allocation and administration data in Wisconsin. You can view the data [here](#).
  - An EUA was issued for Pfizer and Moderna (2-dose series) and Johnson & Johnson (1 dose) COVID-19 vaccines. All three of these vaccines are being administered in WI.
  - The vaccine will be administered in phases. To see if you are currently eligible to receive the vaccine, please visit [this website](#) for more information.
    - On March 11, WI DHS announced the next group to become eligible for vaccination. Beginning March 22 (previously March 29), individuals age 16 and older with certain medical conditions that have a greater risk of severe infection from COVID-19 will be eligible. WI DHS also stated that it plans to open vaccine eligibility to all individuals age 16 and older sometime in May. Read this [announcement](#) for more information.
- To find community testing locations, please visit our [COVID-19 testing sites webpage](#) for information about where you can go to get tested.
- Over the past two months, we have seen an overall decline in the number of cases of COVID-19 in our community. While this is very encouraging news, we must remain vigilant and continue practicing good public health behaviors we know help prevent the spread of disease. Consistent mask wearing, physical distancing, and handwashing, along with vaccination, will offer the best protection from COVID-19.
- Currently in the City of Menasha the burden of confirmed COVID-19 cases is high and the activity level is high. The case rate for this 2-week period (Mar 3 – Mar 16) is 154.2 cases per 100,000 population, which is a decrease from a case rate of 211.3 cases per 100,000 population in the previous 2-week period (Feb 24 – Mar 9).
- City of Menasha disease investigators were able to contact all confirmed cases of COVID-19 within 24 hours of the confirmed cases being communicated to the health department.

## Background

This data summary provides preliminary data on the cases of COVID-19 in the City of Menasha from March 3, 2021 – March 16, 2021. Most data included in this report is for laboratory confirmed cases of COVID-19 (lab-confirmed). Some data is available for probable cases of COVID-19. See the next page for a definition of a probable case. Case counts utilized for all graphs and tables are based on the date public health staff received and recorded the test results. Numbers here may not represent final case counts for this reporting period.

## More Information

Additional resources and information about COVID-19 can be found on the following websites:

- [City of Menasha Health Department COVID-19 webpage](#)
- [Wisconsin Department of Health Services](#)
- [Winnebago County Health Department](#)
- [Calumet County Public Health Division](#)
- [Centers for Disease Control and Prevention](#)

## City of Menasha Weekly COVID-19 Status Summary

Case count, probable counts case rate per 100,000 people, burden class, trajectory and activity level in the City of Menasha and the State of Wisconsin for the past two weeks (Mar 3 – March 16)

Note: WI DHS is undergoing data cleaning and data may change as it is reviewed

	Confirmed Case Count for Past 2 Weeks	Case Rate (per 100,000 people)	Burden Class*	Trajectory Class (N/A=no statistically significant change)	Activity Level	Population**
Lab-Confirmed Cases	27	154.2	High	N/A	High	17,510
Probable Cases***	12	68.5	High	N/A	High	17,510
Combined	39	222.7	High	N/A	High	17,510
Wisconsin (Confirmed)	5,848	101.2	High	N/A	High	

\*Burden Class is based off of the case rate per 100,000 people in the past two weeks. Visit the DHS website for more information <https://www.dhs.wisconsin.gov/covid-19/local.htm>

\*\*Population for the City of Menasha was retrieved from [https://doa.wi.gov/DIR/Final\\_Ests\\_Muni\\_2019.pdf](https://doa.wi.gov/DIR/Final_Ests_Muni_2019.pdf)

\*\*\*A person is counted as a probable case of COVID-19 if they are not positive by a confirmatory laboratory test method (PCR/molecular test), but has tested positive using antigen test method OR has symptoms of COVID-19 AND has a known exposure to COVID-19 (for example, being in close contact of someone with COVID-19).

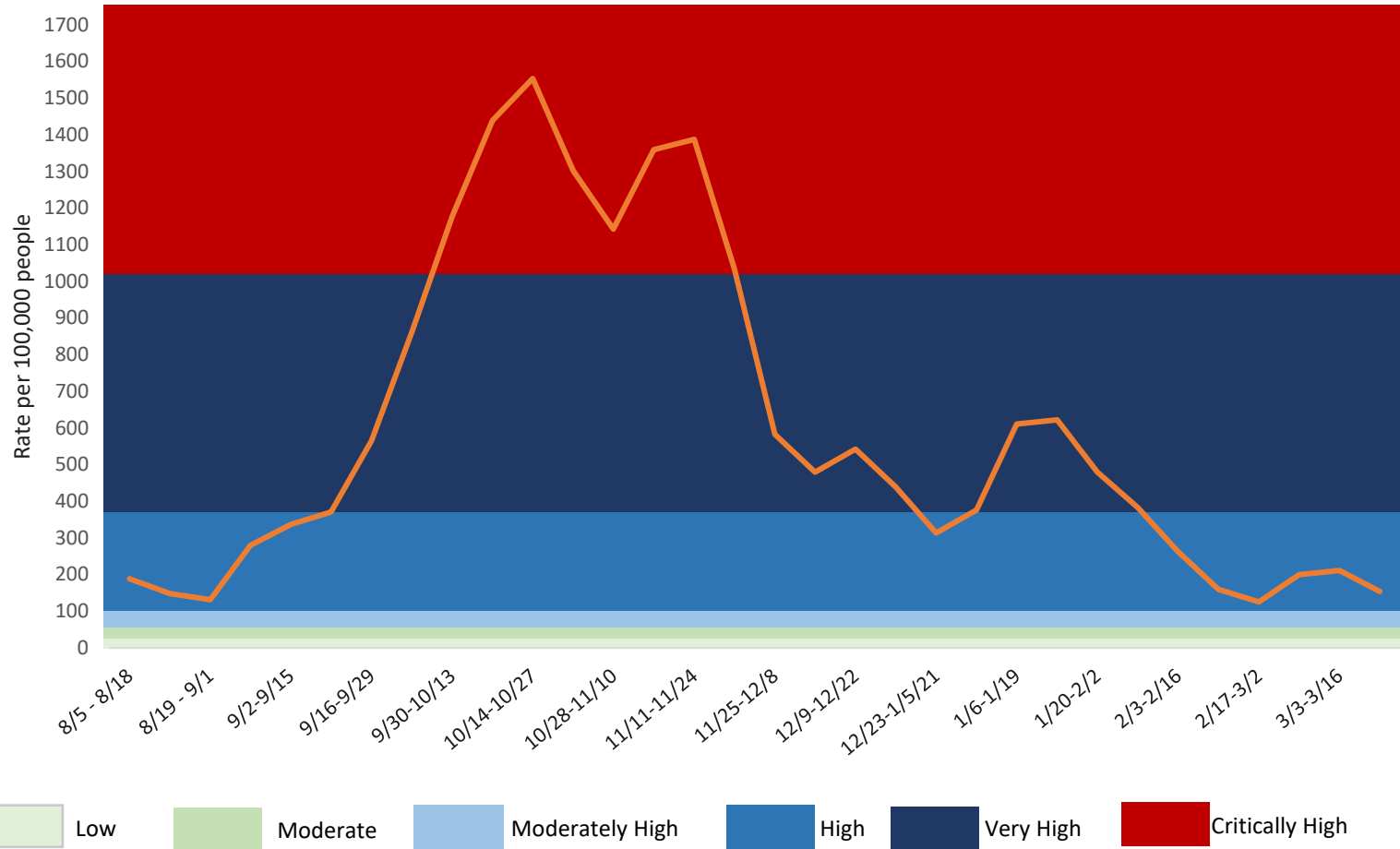
### Wisconsin DHS Framework

The Wisconsin Department of Health Services (DHS) has developed and released a framework to guide decision-makers based on the activity levels in local jurisdictions in response to the current activity of COVID-19 in the community. The current categories for activity level are Low, Medium, High, Very High, and Critically High, and provide recommendations for mitigation strategies for each activity level category for jurisdictions to help guide the decision making process.<sup>1</sup> The full document can be viewed here: <https://www.dhs.wisconsin.gov/publications/p02789.pdf>

### Burden (lab-confirmed case rate)

Burden Status	Case Rate per 100,000 residents in the past two weeks	City of Menasha number of cases in the past two weeks
Low	Case rate is less than or equal to 10.	Less than 2 cases.
Moderate	Case rate is greater than 10, but less than or equal to 50.	Greater than 1 cases, but less than or equal to 8 cases.
Moderately High	Case rate is greater than 50, but less than or equal to 100.	Greater than 8 cases, but less than or equal to 17 cases.
High	Case rate is greater than 100, but less than or equal to 350.	Greater than 17 cases, but less than or equal to 61 cases.
Very High	Case rate is greater than 350, but less than or equal to 1,000.	Greater than 61 cases, but less than or equal to 175 cases.
Critically High	Case rate is greater than 1,000.	Greater than 175 cases.

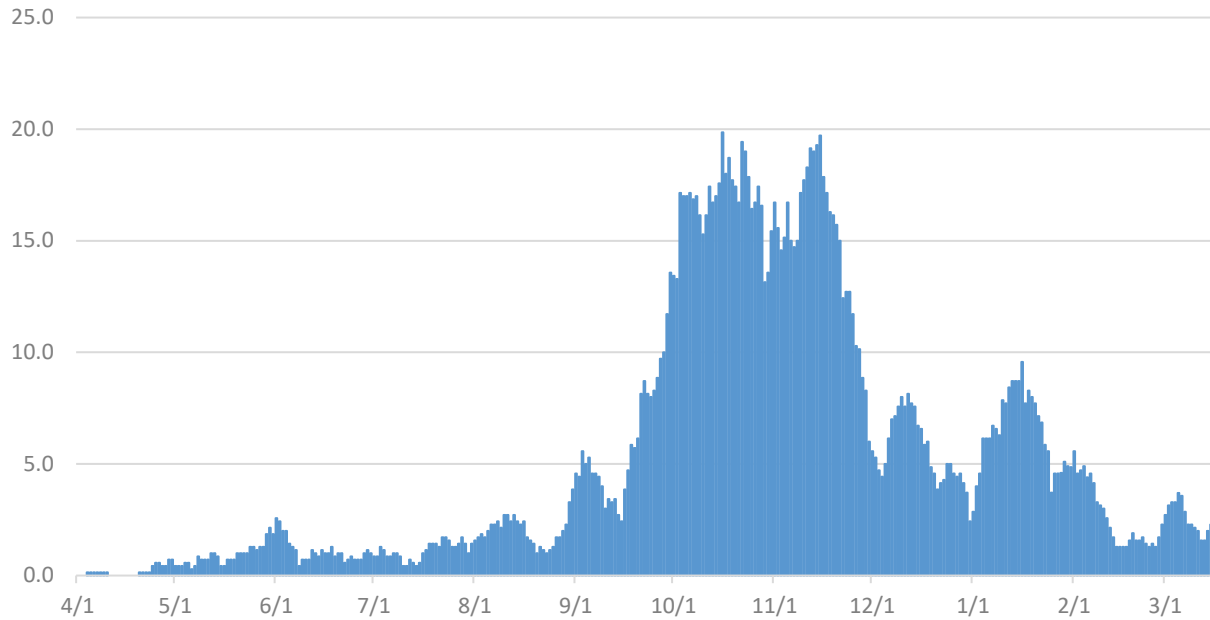
### City of Menasha COVID-19 laboratory confirmed case rate trend and burden by 2-week periods\*



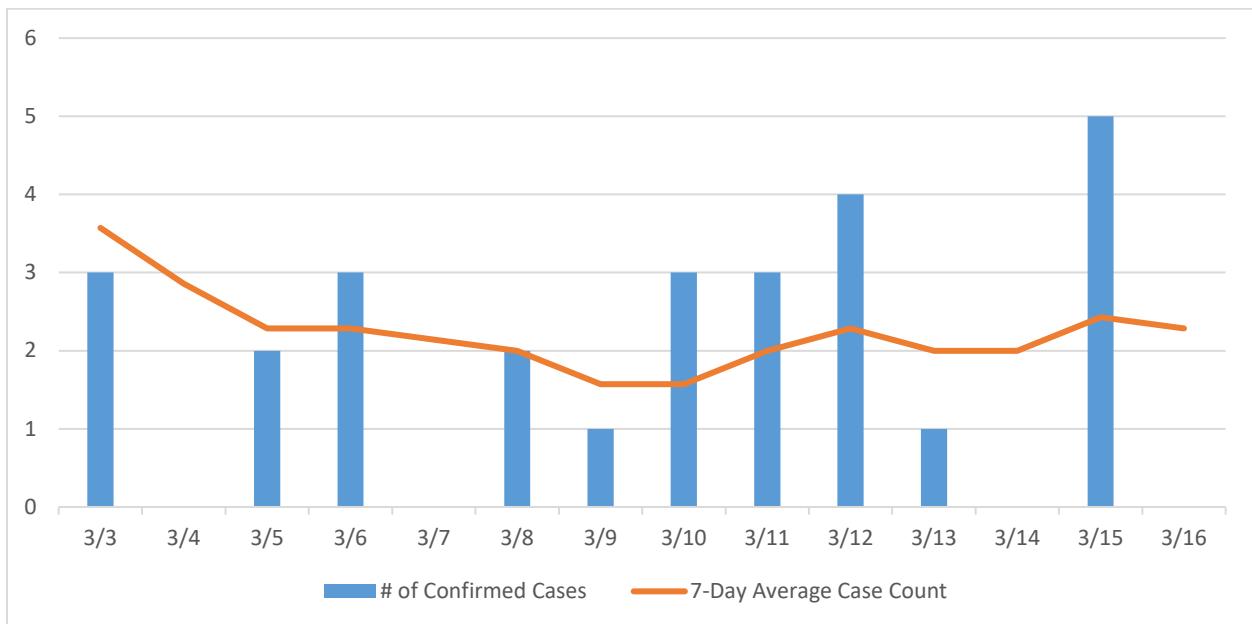
\*see the table above for more information about burden status



Average number of new cases of COVID-19 per day (7-Day rolling avg.) in the City of Menasha since March 2020 (as of Mar 16)

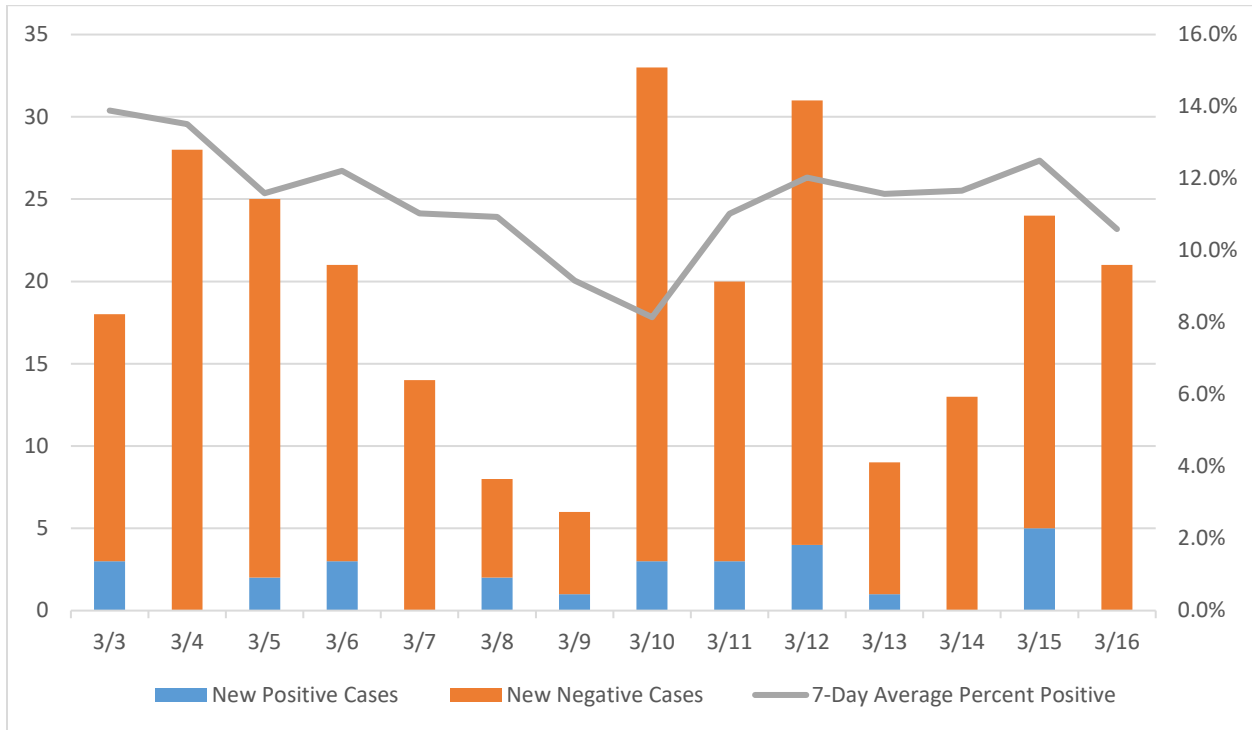


Number of laboratory confirmed COVID-19 cases by day in the City of Menasha in the past two weeks (Mar 3 – Mar 16) and the 7-day average





New COVID-19 tests, positive (PCR) and negative, by day and the 7-day average percent positive tests (Mar 3 – Mar 16)

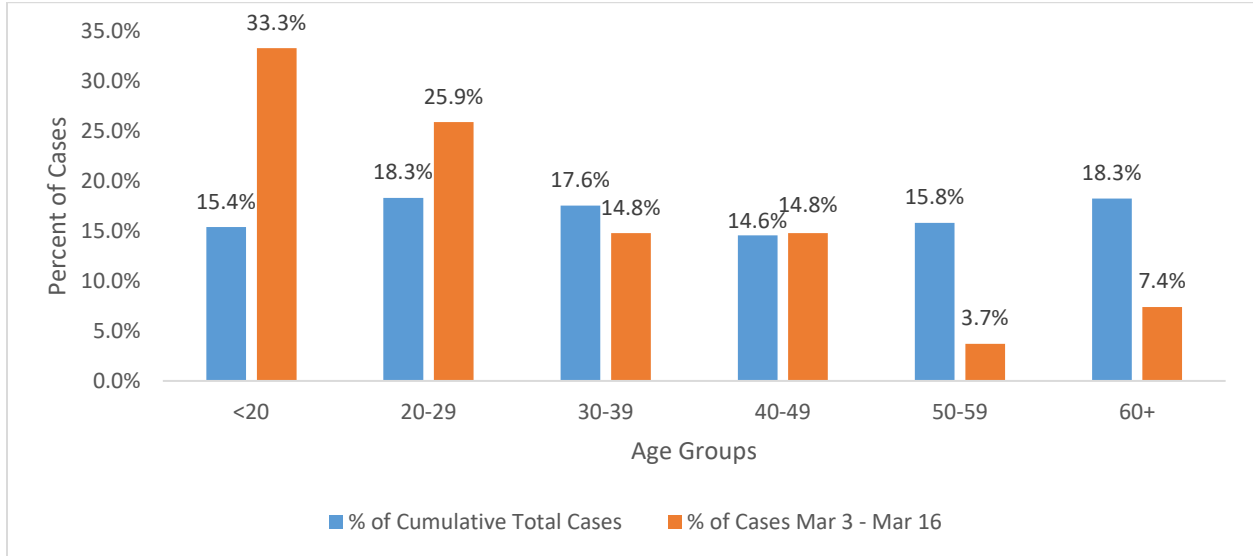


Number and percentage of laboratory confirmed cases of COVID-19 by age: cumulative and in the past two weeks (Mar 3 – Mar 16)

Age Group	Cumulative total cases		Cases in the past two weeks	
	Number of Cases	Percentage of Total Cases	Number of Cases	Percentage of Cases in Past Two Weeks
<20	278	15.4%	9	33.3%
20-29	331	18.3%	7	25.9%
30-39	317	17.6%	4	14.8%
40-49	263	14.6%	4	14.8%
50-59	286	15.8%	1	3.7%
60+	330	18.3%	2	7.4%
<b>Total</b>	<b>1,805</b>	<b>100%</b>	<b>27</b>	<b>100%</b>



Percentage of laboratory confirmed cases of COVID-19 by age: cumulative and in the past two weeks (Mar 3 – Mar 16)



Number of active cases and total number of cases of COVID-19, lab-confirmed and probable, in the City of Menasha (as of Mar 16)

	Number of Active Cases	Percent of Total Cases	Number of Cases
Total Active Cases	25	1.2%	2,022

Number of COVID-19 vaccines administered for Wisconsin residents in the Tri-County area (as of Mar 18)

	Number of residents with at least 1 dose	Number of residents with completed vaccine series	Population
Calumet	10,180 (20.3%)	5,807 (12.0%)	50,089
Outagamie	40,078 (21.3%)	22,949 (12.7%)	187,885
Winnebago	38,917 (22.6%)	24,473 (14.1%)	171,907

To view more about COVID-19 vaccine data, please visit: <https://www.dhs.wisconsin.gov/covid-19/vaccine-data.htm>



## Metrics for Suppression (Harvard Global Health)

The Harvard Global Health Institute created a document containing metrics for COVID-19 suppression, a framework to use as a guide for policymakers and the public. This framework includes recommendations that include key metrics that can be used as an evaluation tool for COVID-19 response and mitigation. Looking at the daily case incidence (# of daily new cases per 100,000) can determine which category the jurisdiction is currently in and how to best respond. Decision-makers should evaluate and review the different phasing plans to determine which strategies to employ at the current period of time.<sup>i</sup>

Burden Class** (case rate per 100k)		Risk Levels* (Case Incidence per 100,000)	Intensity of Control Effort Needed	
Low ( $\leq 10$ )		Green ( $< 1$ )	Daily new cases per 100,000 people	On track for containment, conditional on continuing use of viral testing and contact tracing
Moderate ( $10 \leq 50$ )		Yellow ( $1 < 5$ )	Daily new cases per 100,000 people	Strategic choices must be made about which package of non-pharmaceutical interventions to use for control
Moderately High (same as moderate) ( $50 \leq 100$ )		Yellow ( $5 < 10$ )	Daily new cases per 100,000 people	Strategic choices must be made about which package of non-pharmaceutical interventions to use for control
High ( $100 \leq 350$ )		Orange ( $10 < 25$ )	Daily new cases per 100,000 people	Strategic choices must be made about which package of non-pharmaceutical interventions to use for control. Stay-at-home orders are advised, unless viral testing and contact tracing capacity are implementable at levels meeting surge indicator standards.
Very High ( $350 \leq 1000$ )	Critically High ( $> 1000$ )	Red ( $> 25$ )	Daily new cases per 100,000 people	Stay at home-orders necessary

\*Risk levels (Harvard Global Health Institute) are determined by case incidence per 100,000 people (7-day rolling average).

\*\*Burden classes (WI Department of Health Services) are determined by the case rate (per 100,000 people) in a 14-day period.

## Metrics

### Harvard Global Health Institute Model

Metric	Thresholds	Current Status
City of Menasha Confirmed Case Incidence per 100,000 (7-day rolling average)	Red: $> 25$ Orange: $10 < 25$ Yellow: $1 < 10$ Green: $< 1$	13.1 cases per 100,000 / day





**Additional Metrics to Consider**

Metric		Thresholds	Current Status
Testing	Percent PCR Positive Tests (7-day average)	Red: >10% Yellow: 5-10% Green: <5%	10.6% positive tests / day
	Daily Number of Tests (7-day average)	Red: <14 tests/day Yellow: 14-28 tests/day Green: >28 tests/day	21.6 tests / day
Public Health Contact Timeliness	Disease Investigation	Red: Not able to contact all confirmed cases within 24 hours Green: Able to contact all confirmed cases within 24 hours	Able to contact all within 24 hours
	Contact Tracing	Red: PH is not able to contact all within 48 hours Green: PH is able to contact all within 48 hours	Able to contact within 48 hours
Hospital Capacity*	Percentage of hospital <b>inpatient</b> beds in the community that are occupied.	Red: > 90% Yellow: 80-90% Green: <80%	85.5% of inpatient beds occupied
	Percentage of <b>intensive care unit</b> beds in the community that are occupied.	Red: > 90% Yellow: 80-90% Green: <80%	86.7% ICU beds occupied
	Percentage of hospital <b>inpatient</b> beds in the community that are occupied by patients with COVID-19.	Red: >15% Yellow: 10-15% Light Green: 5-10% Dark Green: <5%	1.9% beds occupied by patients with COVID-19

\*Hospital capacity metrics are adapted from the *CDC indicators and thresholds for risk of introduction and transmission of COVID-19 in schools*, found here: <https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html#thresholds>. Hospital capacity data are from the Emergency Management Resource (EMResource) system, as reported on a daily basis by participating hospitals. Since reporting is not mandatory, the data shown here may not accurately represent the current healthcare system capacity in our region. Hospital capacity data is collected and reported at the Healthcare Emergency Readiness Coalition (HERC) level. The City of Menasha is a part of HERC 6, or the Fox Valley HERC. Hospital capability information at the state and HERC level can be found here: <https://www.dhs.wisconsin.gov/covid-19/hosp-data.htm#capabilities>

<sup>i</sup> Harvard Global Health Institute, Center for Ethics, *Key Metrics for COVID Suppression*. 2020. Retrieved from: <https://globalepidemics.org/wp-content/uploads/2020/06/key-metrics-and-indicators-v4.pdf>

<sup>ii</sup> Wisconsin Department of Health Services, *Slowing the Spread of COVID-19: Mitigation Strategies for Wisconsin Communities*. 2020. Retrieved on January 4, 2021 from: <https://www.dhs.wisconsin.gov/publications/p02789.pdf>