# City of Menasha COVID-19 Pandemic Resilient Plan

## Data Updates: April 29, 2021

### Summary/What's New

- CDC has updated their guidance on April 27 for people who have been fully vaccinated to include outdoor recommendations. CDC has also provided recommendations for those who have been fully vaccinated and those who are unvaccinated. You can read more about choosing safer activities here.
- On Friday, April 23, the Advisory Committee on Immunization Practices (ACIP) met to discuss the Johnson & Johnson (Janssen) COVID-19 vaccine and reports of blood clots combined with low blood platelet counts about one to two weeks following vaccination. The ACIP, which advises the CDC, voted to lift the pause on its recommendation for the Johnson & Johnson (Janssen) COVID-19 vaccine. The vaccine is once again recommended for persons 18 years of age and older in the U.S. population under the FDA's Emergency Use Authorization (EUA). WI DHS is resuming the administration of this vaccine.
    - The EUA for the Johnson & Johnson (Janssen) vaccine has been updated to include information about the risk of blood clot that has occurred in a very small number of people who have received the Janssen COVID-19 Vaccine.
- **The City of Menasha Health Department still recommends wearing masks when in public and around others. A mask is required to enter City buildings.** The City of Menasha released a health advisory which can be viewed here.
- Information about new COVID-19 variants can be found on this CDC webpage. WI DHS released a data tracking page for the COVID-19 Variants in the state. The webpage can be viewed here.
- **ALL Wisconsin residents age 16 and older are eligible to receive the COVID-19 vaccine.** Keep in mind, the Pfizer vaccine is the only one approved for individuals aged 16 or 17.
    - If you have questions about the COVID-19 vaccine or need help finding an appointment, call: 844-684-1064 (toll-free) or by visiting vaccinefinder.org
    - Visit this website for information about what happens after you receive the vaccine.
- Please visit our COVID-19 testing sites webpage for information about where you can go to get tested for COVID-19. Antigen tests and PCR tests are available in the community.
- As the vaccine is being rolled out across the community and the state, we must remain vigilant and continue practicing good public health behaviors we know help prevent the spread of disease. **Consistent mask wearing, physical distancing, avoiding gatherings and travel, handwashing, along with vaccination, will offer the best protection from COVID-19.** This is extremely important as some of the new variants are spreading throughout our state.
- 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 (Apr 14 – Apr 27) is 114.2 cases per 100,000 population, which is a decrease from a case rate of 279.8 cases per 100,000 population in the previous 2-week period (Apr 7 – Apr 20).
- 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 April 14, 2021 – April 27, 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 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 (April 14 – April 27)

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

| | 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 | 20 | 114.2 | High | N/A | High | 17,510 |
| Probable Cases*** | 4 | 22.8 | Moderate | N/A | Moderate | 17,510 |
| Combined | 24 | 137.1 | High | N/A | High | 17,510 |
| Wisconsin (Confirmed) | 8,995 | 155.6 | 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

***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).

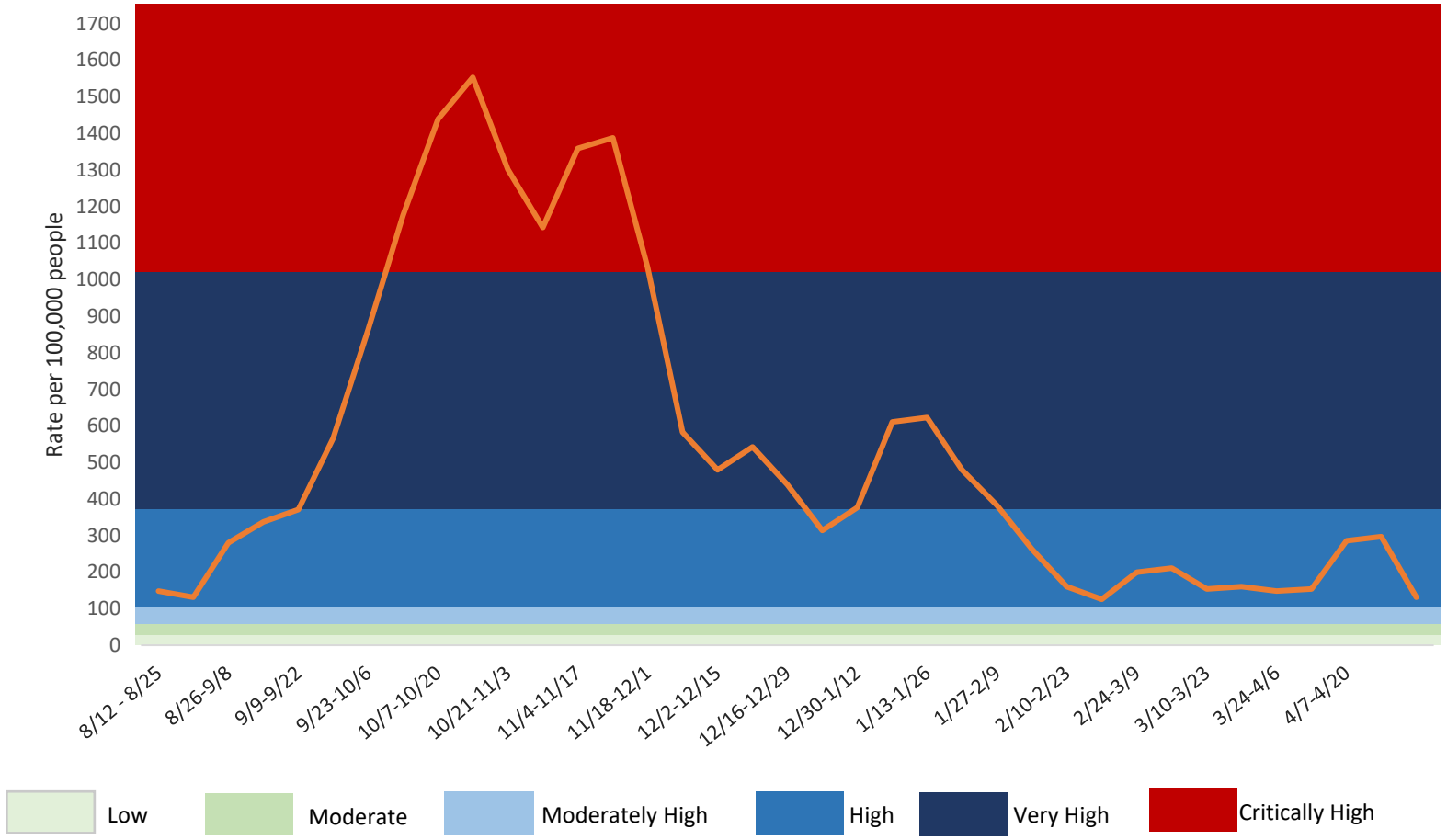
## Wisconsin DHS Framework

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.[i] The full document can be viewed here: https://www.dhs.wisconsin.gov/publications/p02789.pdf

## Burden (lab-confirmed case rate)

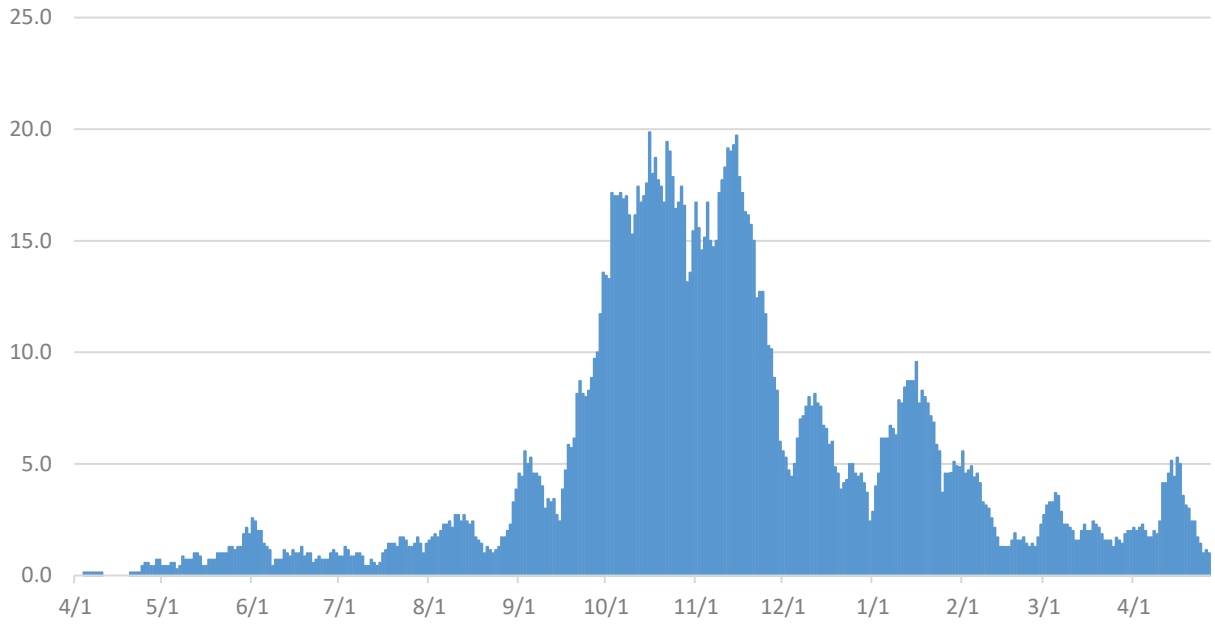
| Burden Status | Case Rate per 100,000 residents in the past two weeks | City of Menasha number of cases in the past two weeks |
|---|---|---|
| Low | Case rate is less than or equal to 10. | Less than 2 cases. |
| Moderate | Case rate is greater than 10, but less than or equal to 50. | Greater than 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*

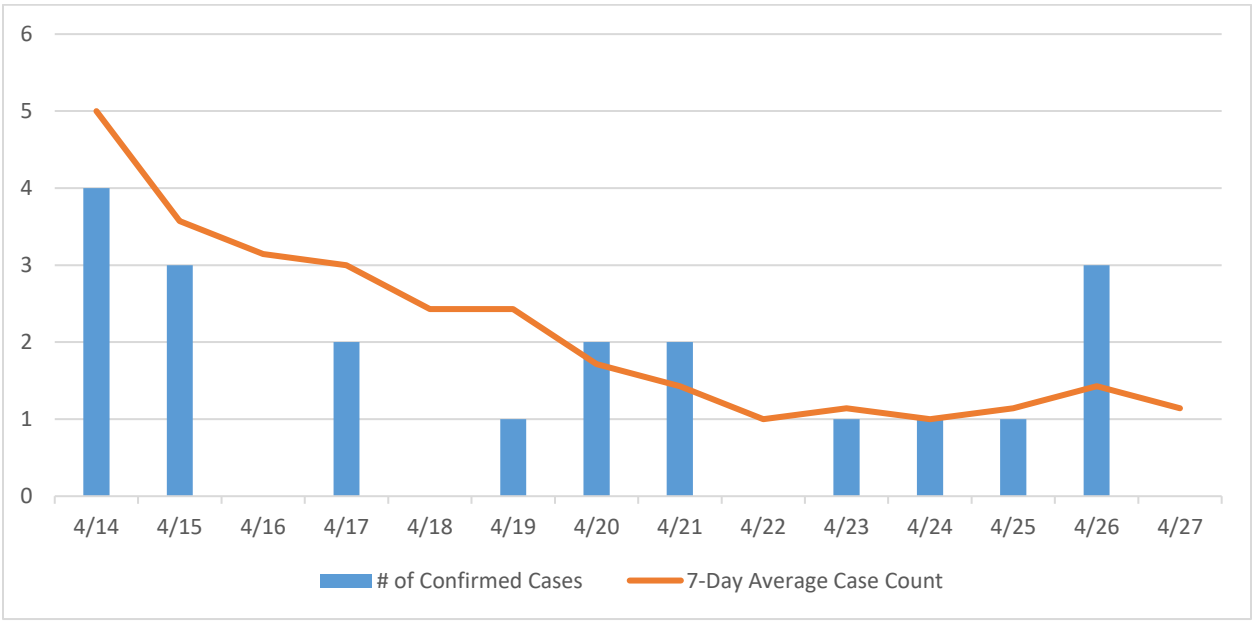



*see the table above for more information about burden status

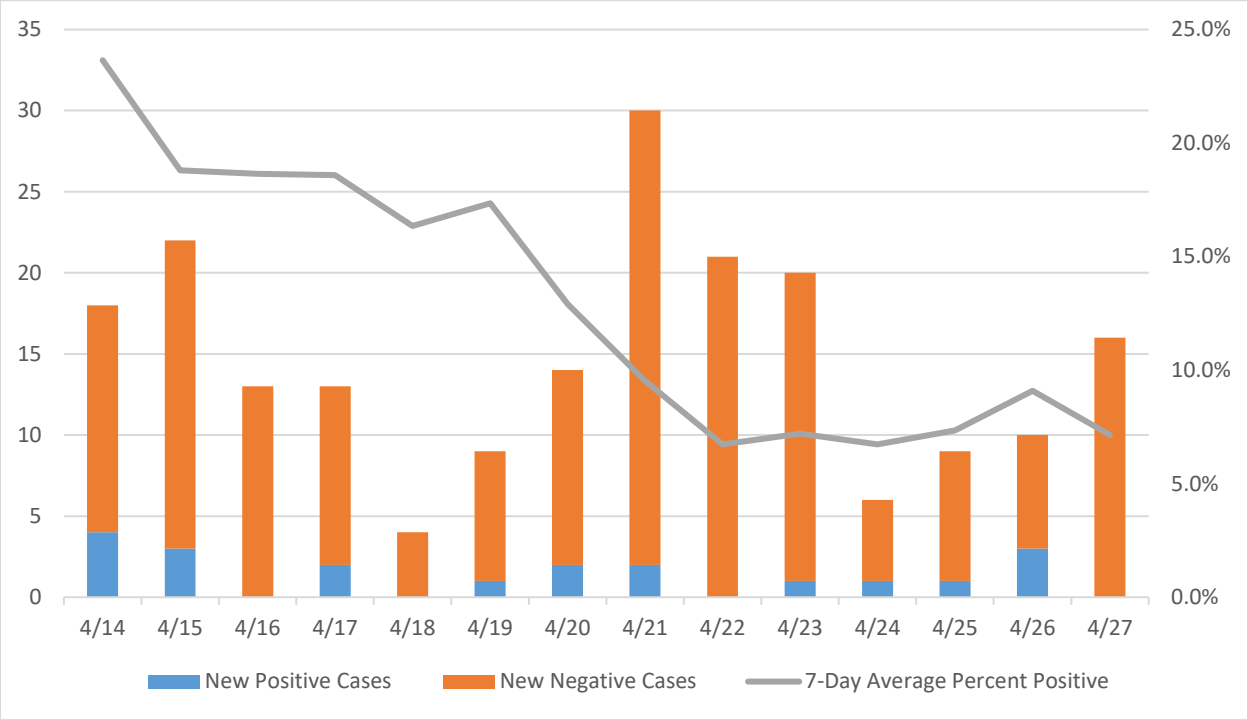
Average number of new cases of COVID-19 per day (7-Day rolling avg.) in the City of Menasha since March 2020 (as of Apr 27)




Number of laboratory confirmed COVID-19 cases by day in the City of Menasha in the past two weeks (Apr 14 – Apr 27) and the 7-day average



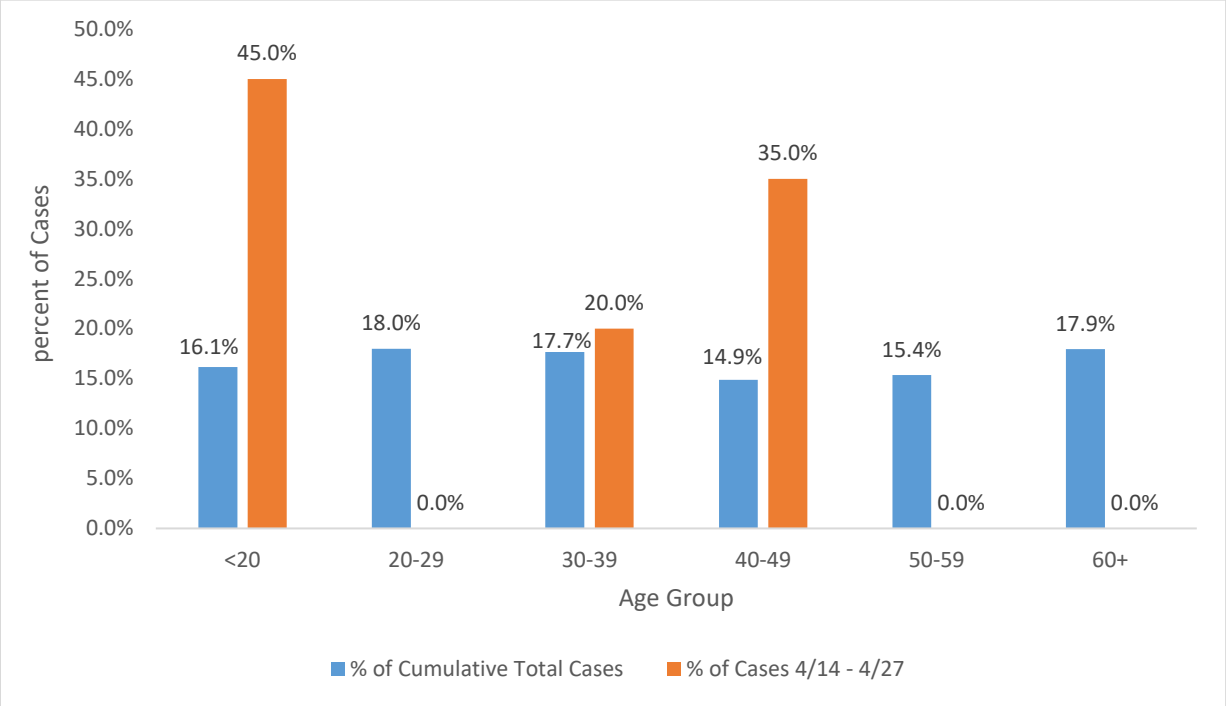
## New COVID-19 tests, positive (PCR) and negative, by day and the 7-day average percent positive tests (Apr 14 – Apr 27)




## Number and percentage of laboratory confirmed cases of COVID-19 by age: cumulative and in the past two weeks (Apr 14 – Apr 27)

| | **Cumulative total cases** | | **Cases in the past two weeks** | |
|---|---|---|---|---|
| Age Group | Number of Cases | Percentage of Total Cases | Number of Cases | Percentage of Cases in Past Two Weeks |
| **<20** | 307 | 16.1% | 9 | 45.0% |
| **20-29** | 342 | 18.0% | 0 | 0.0% |
| **30-39** | 336 | 17.7% | 4 | 20.0% |
| **40-49** | 283 | 14.9% | 7 | 35.0% |
| **50-59** | 292 | 15.4% | 0 | 0.0% |
| **60+** | 341 | 17.9% | 0 | 0.0% |
| **Total** | **1,901** | **100%** | **20** | **100%** |

## Percentage of laboratory confirmed cases of COVID-19 by age: cumulative and in the past two weeks (Apr 14 – Apr 27)




## Number of active cases and total number of cases of COVID-19, lab-confirmed and probable, in the City of Menasha (as of Apr 27)

| | Number of Active Cases | Percent of Total Cases | Number of Cases |
|---|---|---|---|
| Total Active Cases | 16 | 0.7% | 2,154 |

## Number of COVID-19 vaccines administered for Wisconsin residents in the Tri-County area (as of Apr 27)

| County | Number of residents with at least 1 dose | Number of residents with completed vaccine series | Population |
|---|---|---|---|
| Calumet | 19,051 **(38.0%)** | 14,626 **(29.2%)** | 50,089 |
| Outagamie | 76,730 **(40.8%)** | 57,549 **(30.6%)** | 187,885 |
| Winnebago | 68,144 **(39.6%)** | 52,142 **(30.3%)** | 171,907 |

To view more 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.[i]

| **Burden Class* (case rate per 100k)** | | **Risk Levels** (Case Incidence per 100,000)** | **Intensity of Control Effort Needed** | |
|---|---|---|---|---|
| Low (≤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≤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≤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≤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≤1000) | Critically High (>1000) | Red (>25) | Daily new cases per 100,000 people | Stay at home-orders necessary |

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

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

## Metrics

**Case Incidence Metrics**

| Metric | Thresholds | Current Status |
|---|---|---|
| City of Menasha Confirmed Case Incidence per 100,000 (7-day rolling average) | Red: >25 Yellow: 1<10<br>Orange: 10<25 Green: <1 | 6.5 cases per 100,000 / day |

**Additional Metrics to Consider**

| Metric | | Thresholds | Current Status |
|---|---|---|---|
| Testing | Percent PCR Positive Tests (7-day average) | Red: >10%<br>Yellow: 5-10%<br>Green: <5% | 7.1% positive tests / day |
| | Daily Number of Tests (7-day average) | Red: <14 tests/day<br>Yellow: 14-28 tests/day<br>Green: >28 tests/day | 16.0 tests / day |
| Public Health Contact Timeliness | Disease Investigation | Red: Not able to contact all confirmed cases within 24 hours<br>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<br>Green: PH is able to contact all within 48 hours | Able to contact within 48 hours |
| Hospital Capacity* | Percentage of hospital **inpatient** beds in the community that are occupied. | Red: > 90%<br>Yellow: 80-90%<br>Green: <80% | 87.5% of inpatient beds occupied |
| | Percentage of **intensive care unit** beds in the community that are occupied. | Red: > 90%<br>Yellow: 80-90%<br>Green: <80% | 85.7% ICU beds occupied |
| | Percentage of hospital **inpatient** beds in the community that are occupied by patients with COVID-19. | Red: >15%<br>Yellow: 10-15%<br>Light Green: 5-10%<br>Dark Green: <5% | 3.5% 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. 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

[i] 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

[ii] 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