

# League of Wisconsin Municipalities Webinar 10.02.2020

## COVID-19 Update

**John R. Raymond, Sr., MD**  
President and CEO  
Medical College of Wisconsin

Analytics by Andrew Yaspan  
MCW Institute for Health and Equity



# COVID-19 DIAGNOSTIC TESTING – 10.01.2020

- **Cumulative people tested reported as of yesterday: WI = 1,559,882**
  - Negative WI 1,434,721
  - Positive WI 125,161
  - # of people tested reported yesterday in Wisconsin = 14,361
  - Highest single daily total of people tested was 17,410 on 08.04.2020
- **Testing capacity: Up to 39,159. 115 laboratories currently testing. 22 planning to test.**
- **Daily positive tests have been trending very unfavorably in WI over last month**
  - Wisconsin = 2,887 (17.4% positivity; 7-day average trending unfavorably)
  - Many days of over 2,000 new cases over the last two weeks
  - Previous highest daily positive tests: WI: 2,817 on 09.26.2020

# COVID-19 HOSPITAL METRICS – 10.01.2020

- Number of cumulative hospitalizations: **7,409** (5.9% of positive tests - **improving**)
- Wisconsin hospitalizations on 10.01.2020
  - **669** inpatients – **increasing**
  - **208** in ICU – **increasing** (high was 205 on 09.29.2020; low was 65 on 07.05.2020)
  - Hospitalizations and ICU use are **lagging indicators**
- ICU capacity: **217** available ICU beds – **decreasing**
- Ventilator capacity **1,909** – **stable**
- PPE trends: **Improving** (most critical needs = gowns and paper masks)
  - **There are concerns about PPE supply chains, but supplies have improved recently**

# VARIOUS COVID-19 INDICATORS – 10.01.2020

- Recovered: 101,669 (81.2%) Active: 22,126 (17.7%) Died: 1,348 (1.1%)
- Death is a **highly lagging indicator**. Wisconsin case fatality rate = 1.1%
- Cumulative deaths: WI = 1,348
  - Male WI = 741 (55%)
  - Female: WI = 606 (45%)
  - Black/African American: WI = 236 (17.5%)
  - White: WI = 1,010 (74.9%)
  - Hispanic/Latinx: WI = 152 (11.3%)
    - Totals exceed 100% due to overlap between Black/AA and Hispanic/Latin categories
- Doubling time for positive tests: WI = 44.1 days stalled
- 7-day growth rate of positive tests: WI = 2.1% increasing
- Reproductive number: WI = 1.16 (MCW); 1.13 (rt.live)

# WHAT DOES THE CURRENT SURGE IN NUMBERS OF CASES MEAN?

- COVID-19 is surging in every county of the state. Spread is happening primarily in the community now.
- It is happening in homes, at family and neighborhood gatherings, and during recreational and leisure activities.
- Wisconsin is particularly dangerous time heading into the fall and winter months when respiratory diseases are more prone to spread, people gather more indoors, and influenza season approaches.



# IS THERE A CERTAIN AGE GROUP WITH MORE POSITIVES THAN OTHERS?

- Cases are declining in 18-24 year-olds. Cases in every other age group are rising.
- All age groups, including young people, are part of the community, not living in isolation, and moving around the state, even in rural areas.
- Transmission is within the community, across all counties and age groups.

# WHY ARE HOSPITALIZATIONS GOING UP?

- Hospitalizations are at an all-time high, including in ICU.
- While the surge may have begun with younger people, we now see broad spread through all segments of the community, including those more likely to require hospitalization.
- Those includes older people and people with pre-existing conditions.

# WHAT CAN WE DO?

**Now more than ever, personal decisions matter.**

- Avoid crowds, especially indoors.
- Know who you interact with, and whether they are being careful.
- Get flu shot.
- Wash hands. Wear mask. Watch distance.
- Stay home when sick.
- Get tested if you feel sick (after consulting with your doctor or public health department).