Tim Sheehy

President

Metro Milwaukee Association of Commerce
All Saver’s alternate funding

Health benefits coverage with UnitedHealthcare allows small businesses to purchase big-business employee benefits.

MMAC brokers can also offer UnitedHealthcare specialty lines of coverage including:

- Critical Illness
- Accident Protection
- Hospital Indemnity
- Dental, vision and life insurance

Contact your MMAC broker or visit uhc.com/MMAC
THANK YOU

MMAC member

As MMAC transitions offices, we want to thank Spaces for our temporary home at their North Water Street location.

With over 3,000 global locations and 10 in Wisconsin, Spaces makes it easy to have a productive day at work.

Their all-inclusive, flexible offices and coworking make getting to work easy and affordable.

www.spacesworks.com/milwaukee/north-water-street
HOW TO PROSPER DURING UNCERTAINTY

Wednesday, October 28, 2020 10:00 AM - 11:30 AM CST

Webinar

How to Prosper During Uncertainty:
Cut through fear & politics by using data to strengthen your business

Presented by the CEOs of Growing Businesses (CGB)

With
Brian Beaulieu
CEO of ITR Economics
MKE HEALTH & ECONOMY BRIEFING

On Wisconsin’s Afternoon News
Tuesday @ 4:20pm

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

Tim Sheehy
MMAC President

620 WTMJ
WISCONSIN’S RADIO STATION
METROPOLITAN MILWAUKEE ASSOCIATION OF COMMERCE

THE MILWAUKEE REGION – WHERE DO WE STAND?

COVID-19 UPDATE. 10.20.2020

Presented by John R. Raymond Sr., MD
John R. Raymond Sr., MD
President and CEO
Medical College of Wisconsin
Analytics by Andrew Yaspan
MCW Institute for Health and Equity

Presented on 10.20.2020
• Wisconsin is an epicenter of COVID-19 in USA
• 5 of the top 9 metro areas in terms of worst burden of new case per 100,000 population are in Wisconsin.
• 8 of the top 20 metro areas in terms of worst burden of new case per 100,000 population are in Wisconsin
• Top 20: Oshkosh-Neenah (3), Appleton (4), Sheboygan (6), Wausau-Weston (7), Green Bay (9), Fond du Lac (15), Manitowoc (18), and Beaver Dam (20).
• Nearby, Dubuque, IA is #12.
• Platteville and Marinette have fallen out of the top 20.
• Sheboygan (3) is the only Wisconsin metro area on the top 20 areas for “Bad news ahead” (where cases are increasing the fastest).
• Nearby, Marquette, Michigan (14) also is on the “Bad new ahead” list.


Presented on 10.20.2020

### Cumulative People Tested Reported As of Yesterday

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>1,703,813</td>
<td>271,252</td>
</tr>
<tr>
<td>Positive</td>
<td>173,891</td>
<td>35,090</td>
</tr>
</tbody>
</table>

### Daily Positive Cases

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Case Positivity</td>
<td>21.1%</td>
<td>8.1%</td>
</tr>
<tr>
<td>7-day average trending</td>
<td>stable</td>
<td>favorably</td>
</tr>
</tbody>
</table>

- # of people tested over last three days in WI = 42,131; total of people tested was 42,451 on 10.08.2020
- Testing capacity: Up to 42,240. 117 laboratories currently testing. 22 planning to test.

- Daily cases have exceeded 2,000 twenty-three times and 3,000 five times over last 26 days since first exceeding 2,000 on 09.16.2020
- Previous high positive cases:
  - WI: 3,765 on 10.15.2020
  - MKE: 534 on 10.13.2020

Presented on 10.20.2020

Learn more: covid19.mcw.edu

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative Patients</td>
<td>Increasing</td>
</tr>
<tr>
<td></td>
<td>(5.4% of positive cases)</td>
</tr>
<tr>
<td>Inpatients</td>
<td>Increasing rapidly</td>
</tr>
<tr>
<td></td>
<td>(Previous high: 1,101 on 10.16.2020)</td>
</tr>
<tr>
<td></td>
<td>(Low: 235 on 7.05.2020)</td>
</tr>
<tr>
<td>ICU Patients</td>
<td>Increasing</td>
</tr>
<tr>
<td></td>
<td>(Previous high: 284 on 10.18.2020)</td>
</tr>
<tr>
<td></td>
<td>(Low: 65 on 7.05.2020)</td>
</tr>
<tr>
<td>ICU Capacity</td>
<td>231</td>
</tr>
<tr>
<td></td>
<td>Available ICU Beds</td>
</tr>
<tr>
<td></td>
<td>Stable</td>
</tr>
<tr>
<td>Ventilator Capacity</td>
<td>1,892</td>
</tr>
<tr>
<td></td>
<td>Decreasing but adequate</td>
</tr>
<tr>
<td>PPE Trends</td>
<td>Stable</td>
</tr>
<tr>
<td></td>
<td>Most critical needs: gowns and paper masks</td>
</tr>
</tbody>
</table>

Presented on 10.20.2020
WISCONSIN HOSPITAL COVID-19 TAKEAWAYS

• Hospitalizations are rising in all 7 Healthcare Emergency Readiness Coalition Regions
  - COVID-19 hospitalizations at or near all-time highs for all HERC regions:
    o Fox Valley (151), North Central (128), Northeast (179), Northwest (79), South Central (160), and Southeast (436)
      Western (39)

• COVID-19 ICU admissions are rising or peaking in five Healthcare Emergency Readiness Coalition Regions
  - COVID-19 ICU admissions are at or near all-time highs for Wisconsin and for five HERC regions:
    o Fox Valley, Northeast, Northwest, South Central and Western

• ICU censuses are high in six Healthcare Emergency Readiness Coalition Regions
  - Fox Valley (86%), North Central (83%), Northeast (93%), Northwest (89%), South Central (79%), and
    Southeast (85%)

• Southeastern HERC (includes Milwaukee)
  - Boomerang from other regions of the state has started. COVID-19 hospitalizations are rising (now at all time high). ICU admissions for COVID-19 are rising.

Presented on 10.20.2020
Wisconsin (134 hospitals)

Total COVID-19 Patients Hospitalized Per Day

Patient type
- Hospitalized
- ICU

SE Wisconsin (29 hospitals)

Total COVID-19 Patients Hospitalized Per Day

Data last updated: 10/19/2020 3:30:50 PM. Implementation of federally mandated changes to data reporting caused a temporary gap in some data displays for late July.

Source: Wisconsin Hospital Association
Presented on 10.20.2020
## Various COVID-19 Indicators – 10.19.2020

**% of Cases by Recovery Status**

<table>
<thead>
<tr>
<th>Status</th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recovered</td>
<td>78.7%</td>
<td></td>
</tr>
<tr>
<td>Active</td>
<td>20.3%</td>
<td>20.3%</td>
</tr>
<tr>
<td>Died</td>
<td>0.9%</td>
<td>0.9%</td>
</tr>
</tbody>
</table>

**Cumulative Deaths**

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>55.3%</td>
<td>53.1%</td>
</tr>
<tr>
<td>Female</td>
<td>44.6%</td>
<td>46.3%</td>
</tr>
<tr>
<td>Black/AA*</td>
<td>15.3%</td>
<td>35.0%</td>
</tr>
<tr>
<td>White</td>
<td>77.1%</td>
<td>45.2%</td>
</tr>
<tr>
<td>Hispanic/Latinx*</td>
<td>10.2%</td>
<td>15.4%</td>
</tr>
</tbody>
</table>

*Wisconsin death rate is rising*

*Worst days: 10.13 (37) and 10.14 (28)*

**Positive Cases**

<table>
<thead>
<tr>
<th></th>
<th>WI</th>
<th>MKE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doubling time (days):</td>
<td>42.3</td>
<td>81.9</td>
</tr>
<tr>
<td>Worsening</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-day growth rate:</td>
<td>1.9%</td>
<td>1.2%</td>
</tr>
<tr>
<td>Stable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R number</td>
<td>1.00</td>
<td>0.95</td>
</tr>
</tbody>
</table>

*Totals exceed 100% due to overlap between Black/ African American and Hispanic/Latinx*

Presented on 10.20.2020
COVID-19 Non-pharmacological Interventions

Amount of COVID-19 inoculum is based on four contact parameters:

- **Number**: AVOID CROWDS, STAY AT HOME, WORK FROM HOME
- **Proximity**: MAINTAIN DISTANCE
- **Intensity**: AVOID SINGING, AVOID SHOUTING, LIMIT INDOOR ACTIVITIES, WEAR A FACE COVERING, WASH HANDS
- **Duration**: LIMIT TIME OF EXPOSURE

Presented on 10.20.2020
COVID-19 Community Risk Factors

Community Risk is based on five parameters:

Population density, population health, interactions, pre-existing conditions, disease burden

Presented on 10.20.2020
INDIVIDUAL RISK FACTORS FOR COVID-19

• Male gender
• Age > 60
• Obesity
• Race (Black and African American, Native American, possibly Asian)
• Ethnicity (Hispanic, Latinx)
• High ACE levels
• Non-type O blood group
• Pre-existing conditions
  - Kidney disease; obesity; heart disease; hypertension; diabetes mellitus; cancer; lung disease, COPD and asthma; auto-immune disorder; immune dysfunction
• Low zinc, vitamin D levels?
SOCIAL RISK FACTORS FOR COVID-19

• Zip code, neighborhood
• Healthcare access and utilization
• Occupation
• Educational, income, and wealth gaps
• Housing
DATA SOURCES

- We use multiple external data sources for these presentations
  - Wisconsin Hospital Association: wha.org/COVID-19Update
  - Wisconsin Department of Health Services: https://www.dhs.wisconsin.gov/covid-19/index.htm
  - Milwaukee County: https://county.milwaukee.gov/EN/COVID-19
  - Reproductive number calculator: Rt.live
  - Wisconsin Electronic Disease Surveillance System (secure access required)
  - Milwaukee County Unified Emergency Operations Center (secure access required)
- Medical College of Wisconsin analytics
  - Institute for Health and Equity
  - Division of Epidemiology
  - Epidemiology Data Resource Center and Geographic Information System

Presented on 10.20.2020
Dr. Mark Mone

Chancellor

University of Wisconsin-Milwaukee
FORCES ON HIGHER EDUCATION

☐ Civil and social unrest
☐ Political (e.g. international student visas, state support)
☐ Achievement gap
☐ Completion rates
☐ Support for growing numbers of disadvantaged students
☐ College debt
☐ Societal views on value of college degree
☐ Employer needs
☐ Demographics
Figure 1. Most Pressing Issues Facing Presidents Due to COVID-19 in September

- Mental health: students: 53%
- Long-term financial viability: 43%
- Mental health: faculty and staff: 42%
- Enrollment numbers for the spring: 39%
- Sustain online learning: 30%
- Fundraising: 29%
- Safety protocols related to COVID-19 for fall term: 29%
- Spring semester operating plans: 29%


Figure 12. Actions Taken or That May be Taken in the Next 12 Months in Light of Financial Challenges Caused by the COVID-19 Pandemic

- Hiring freezes: 61% (have already or are currently implementing), 20% (may implement within the next 12 months), 19% (do not anticipate implementing)
- Freeze on employee compensation/salary increases: 54% (have already or are currently implementing), 23% (may implement within the next 12 months), 22% (do not anticipate implementing)
- Renegotiating contracts for outsourced services: 35% (have already or are currently implementing), 26% (may implement within the next 12 months), 39% (do not anticipate implementing)
- Employee furloughs: 31% (have already or are currently implementing), 28% (may implement within the next 12 months), 41% (do not anticipate implementing)
FUTURE OF HIGHER EDUCATION

☐ **Academic Enterprise**
- Bumpy ride with possible: intensive COVID-19 testing on campuses, potential layoffs, permanent closure of some institutions; Online only

☐ **Student Experience**
- Strong sense of safety and belonging will be needed in Gen Z's dystopia

☐ **Business Models for Higher Education**
- Nimbleness required; Right-sizing; New, unique forms of revenue generation

☐ **Enrollments**
- Will remain challenged by: heightened competition brought on by demographics, changing views on value of higher education, cost of college
- Think Tank 2030
- Making difficult restructuring decisions
- Bolstering partnerships
- Advancing already prevalent online delivery
- Emergency funds and support for students
- Personalized responses to concerns
- Robust efforts to retain and recruit student; Intensive relationship-building
- Radically welcoming culture for students
- Targeting non-traditional learners
Dr. Michael Lovell
President
Marquette University
Dr. Vicki Martin
President
Milwaukee Area Technical College