THE BUSINESS OF METRO MKE

REBECCA BLANK
University of Wisconsin-Madison

MARK MONE
University of Wisconsin-Milwaukee
Manage health care costs without sacrificing coverage

All Savers Alternate Funding Plans

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

MMAC brokers can also offer UnitedHealthcare supplemental and 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
Preparring For Life After Globalization

Wednesday, March 10
9:00-10:30AM | Virtual Webinar

Bestselling Author
Peter Zeihan

Register at MMAC.org/Calendar.html
Tim Sheehy

President

Metro Milwaukee Association of Commerce
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
MMAC COVID-19 Update
02.09.2021

PRESENTED BY:
John R. Raymond Sr., MD
COVID-19 UPDATE 02.08.2021

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

Analytics by Ali Nemati
MCW Institute for Health and Equity
<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tested</td>
<td>3,088,466</td>
<td>486,442</td>
</tr>
<tr>
<td>Tested Negative</td>
<td>2,538,097</td>
<td>390,198</td>
</tr>
<tr>
<td>Tested Positive</td>
<td>550,369</td>
<td>96,244</td>
</tr>
</tbody>
</table>

Presented on 2/9/2021
DAILY POSITIVE CASES
WISCONSIN & MILWAUKEE

543
POSITIVE CASES
IN WISCONSIN YESTERDAY

14.6%
CASE POSITIVITY
IN WISCONSIN YESTERDAY

19.4%
7-DAY AVERAGE
IN WISCONSIN TRENDING FAVORABLE

74
POSITIVE CASES
IN MILWAUKEE YESTERDAY

12.6%
CASE POSITIVITY
IN MILWAUKEE YESTERDAY

19.3%
7-DAY AVERAGE
IN MILWAUKEE TRENDING STABLE

Presented on 2/9/2021
24,919 CUMULATIVE HOSPITALIZED
TRENDING DOWNWARD
4.5% OF POSITIVE CASES

572 INPATIENTS
DECREASING: DOWN 114 W/W
PREVIOUS HIGH: 2,277 ON 11.17.2020
LOW: 235 ON 7.05.2020

134 ICU PATIENTS
DECREASING: DOWN 10 W/W
PREVIOUS HIGH: 456 ON 11.16.2020
LOW: 65 ON 7.05.2020

303 AVAILABLE ICU BEDS
INCREASING SLOWLY

1,938 VENTILATOR CAPACITY
STABLE

STABILIZING
PPE TRENDS
MOST CRITICAL NEEDS: GOWNS, GOGGLES AND PAPER MASKS
### VARIOUS COVID-19 INDICATORS – 02.08.2021

#### CUMULATIVE DEATHS

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Deaths</td>
<td>6,055</td>
<td>1,032</td>
</tr>
<tr>
<td>% Black/African</td>
<td>7.2%</td>
<td>25.6%</td>
</tr>
<tr>
<td>African American</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% White</td>
<td>82.8%</td>
<td>57.5%</td>
</tr>
<tr>
<td>% Hispanic/Latinx</td>
<td>4.8%</td>
<td>12.7%</td>
</tr>
<tr>
<td>% Male</td>
<td>54.4%</td>
<td>54.3%</td>
</tr>
<tr>
<td>% Female</td>
<td>45.5%</td>
<td>45.7%</td>
</tr>
<tr>
<td>% Male Black/African</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Female Black/African</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### % OF CASES BY RECOVERY STATUS

<table>
<thead>
<tr>
<th></th>
<th>Recovered</th>
<th>Active</th>
<th>Died</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wisconsin</td>
<td>96.4%</td>
<td>2.5%</td>
<td>1.1%</td>
</tr>
<tr>
<td>Milwaukee</td>
<td>96.4%</td>
<td>2.5%</td>
<td>1.1%</td>
</tr>
</tbody>
</table>

Presented on 2/9/2021

Learn more at [Covid19.MCW.com](https://www.covid19.mcw.edu)
### VARIOUS COVID-19 INDICATORS – 02.08.2021

**POSITIVE CASES**

**WISCONSIN & MILWAUKEE**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Doubling Time (Days):</strong></td>
<td>60.8</td>
<td>95.8</td>
</tr>
<tr>
<td>Trending Favorable</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>7-Day Growth Rate:</strong></td>
<td>0.2%</td>
<td>0.2%</td>
</tr>
<tr>
<td>Trending Favorable</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>R Number:</strong></td>
<td>0.84</td>
<td>0.84</td>
</tr>
<tr>
<td>Trending Stable</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**% of Cases by Recovery Status**

- **Recovered**: 96.4%
- **Active**: 2.5%
- **Died**: 1.1%

Learn more: [Covid19.MCW.com](https://Covid19.MCW.com)
Several safe and effective COVID-19 vaccines are in development

- No single drug company will be able to meet the short-term demand; many 100’s of millions of doses needed.
- Strategy and framework in place to ramp up vaccinations to all Americans
### COVID-19 VACCINE ADMINISTRATION

#### Vaccine Distribution Summary

<table>
<thead>
<tr>
<th>Metric</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allocated</td>
<td>986,275</td>
</tr>
<tr>
<td>Ordered</td>
<td>770,700</td>
</tr>
<tr>
<td>In Transit</td>
<td>129,550</td>
</tr>
<tr>
<td>Administered</td>
<td>767,020</td>
</tr>
</tbody>
</table>

**Pharmacy Partnership Program**

<table>
<thead>
<tr>
<th>Skilled Facilities</th>
<th>Assisted Living Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>56,800</td>
<td>105,000</td>
</tr>
</tbody>
</table>

#### VACCINE ROLLOUT AND RAMP UP CHALLENGES

Uncertainty about when and how many vaccine doses will arrive

**HUB SITE CERTIFICATION**
- Storage
- Chain of custody
- Security
- Trained personnel

**INDIVIDUAL CERTIFICATION**

**REPORTING AND TRACKING**

**PRIORITIZATION WITHIN 1A**

**LOGISTICS**
- Storage
- Accessibility
- Safety (distancing, masks, etc.)
- Post-vaccination observation

---

10% OF WISCONSIN POPULATION HAVE RECEIVED AT LEAST ONE DOSE
165,370 PEOPLE HAVE COMPLETED THE SERIES (2.8% OF POPULATION)
2.5% OF AMERICANS HAVE COMPETED THE SERIES

https://www.dhs.wisconsin.gov/covid-19/vaccine-data.htm

Presented on 2/9/2021
TENTATIVE PLANS FOR VACCINE DISTRIBUTION

EARLY 2021
- Healthcare Personnel
- Long Term Care Facilities (personnel and residents)

SPRING 2021*
- 65-74 years of age
- Other Frontline Personnel
- Individuals w/ high-risk medical conditions

WINTER 2021*
- Frontline Personnel
- Police and Fire authorized to start 1/18
- 75+ years of age

SPRING/SUMMER 2021
- General Population

CDC defines “FRONTLINE PERSONNEL” as first responders, (firefighters and police officers), teachers and others in education, food and agriculture workers (including grocery stores), correctional facility staff, U.S. postal workers, public transit workers, and some manufacturing (49 million people)

LEARN MORE AT Covid19.MCW.com
WISCONSIN HAS HIGHER PROPORTION of 1a THAN OTHER STATES

AS OF 02.07

10% OF WISCONSIN POPULATION HAD RECEIVED AT LEAST ONE VACCINATION

AS OF 02.07

2.8% OF WI POPULATION HAD COMPLETED VACCINATION COURSE

5.83% of WEST VIRGINIANS HAVE COMPLETED VACCINATION COURSE. WEST VIRGINIA LEADS USA

Presented on 2/9/2021

WISCONSIN NOW LEADS THE US IN DAILY DOSES ADMISTERED PER CAPITA

https://coronavirus.jhu.edu/region/us/wisconsin#vaccine-tracker
https://www.dhs.wisconsin.gov/covid-19/vaccine-data.htm#day
• No indications of severe or negative outcomes related to COVID vaccine

• Anaphylactic events remain rare:
  - Mostly associated with previous allergies,
  - Mostly associated with female gender.
  - Pfizer’s rate is 5/1,000,000 administered and Moderna’s rate is 2.8/1,000,000

• We are starting to see very positive data supporting effectiveness of some of the COVID-19 vaccines. Israel has only reported small numbers of cases in their vaccinated population. These were in more vulnerable groups and infections did not include severe disease.
• Viruses mutate naturally, trying out new versions to gain a competitive advantage.
• COVID-19 mutates more slowly than seasonal influenza strains.
• There are at least four different variants with “converging mutations” of the COVID-19 spike protein.
• These strains, [UK (B1.1.7), South African (B.1.351), Brazil and USA] all seem to be more contagious than previously circulating strains; these conceptually similar to strains that were postulated early in the pandemic for mutation D614G, and a later mink mutation in Denmark (Cluster 5).
• There is emerging evidence that B1.1.7 may increase mortality in people over 60.
• Because the South African B.1.351 variant has several additional mutations, there is some concern that it will be less affected by currently available vaccines and mAb drugs.
VACCINE INEFFECTIVENESS AGAINST B.1.351

• South African strain B.1.351, which has multiple mutations in spike protein, may partially evade mAb drugs, convalescent plasma and some vaccines.

• Recent preliminary study of 2,026 people (unpublished) from Witwatersand University suggests that AstraZeneca-Oxford vaccine is less effective in stopping mildly symptomatic COVID-19 infections in young people (average age 31). Roll-out paused in South Africa.

• Study did not address moderate-severe COVID-19 infections and was skewed to low-risk age group.

• However, neutralizing antibody activity of Az-Ox was comparable to J&J and Moderna vaccines, which are effective in preventing severe disease (albeit less so than against “original strains of COVID-19.

• Astra-Zeneca vaccine is highly effective against original strains of COVID-19.

• More work needs to be done.

• Precautions are more important now than ever, even for vaccinated individuals!
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
• https://covidtracking.com/
• Wisconsin Electronic Disease Surveillance System (secure access required)
• Milwaukee County Unified Emergency Operations Center (secure access required)
• Worldometers: https://www.worldometers.info/coronavirus/
• Johns Hopkins: https://coronavirus.jhu.edu/vaccines

MEDICAL COLLEGE OF WISCONSIN ANALYTICS

• Institute for Health and Equity
• Division of Epidemiology
• Epidemiology Data Resource Center and Geographic Information System
Mark Mone

Chancellor

University of Wisconsin-Milwaukee
UW-Milwaukee Today

- 24,725 students
- 83% of students are Wisconsin residents
- 5,463 graduates (2019-20)
- 80% of graduates live and work in Wisconsin
- Represent greatest amount of diversity in state
- Top-tier research university with an access mission
Workforce shortage remains a problem for Wisconsin employers

'They have the skills and are ready to go': College health care students step up to help massive COVID-19 vaccine effort.

Devi Shastri | Milwaukee Journal Sentinel
Published 11:33 a.m. CT Jan. 29, 2021 | Updated 1:14 p.m. CT Jan. 29, 2021

'Higher education is a ticket': Closing Milwaukee's equity gap

TMJ4's Charles Benson talks with Marquette's President and UWM's Chancellor about their commitment to change

'Dear Pandemic:' Local researchers commit to COVID-19 facts

UWM study on the state of Black Milwaukee describes the city as 'the epitome of a 21st century racial regime'

Talia Sheehan | Milwaukee Journal Sentinel
Published 10:00 a.m. CT July 24, 2020 | Updated 10:07 a.m. CT July 27, 2020

View Comments
We Are The Solution: What a UWM Degree Means

For Our Graduates
- Greater employment opportunities
- Higher earnings
- More likely to own a home
- Better health and longevity
- Social mobility
- More options in life
- Critical thinkers and problem solvers

For Communities and Society
- Less reliance on government services
- Stronger tax base
- Lower crime and incarceration rates
- More vibrant healthy communities
- Higher engagement from citizens who give back, vote, etc.
- Democracy is more robust
Financial Support is Critical

Change over time in per-student appropriations
Regional public universities, real 2012 dollars; FY 2006 = 100

Note: 65 Great Lakes RPU's reported finance data every year from 2006 to 2018; 394 RPU's nationwide reported finance data every year from 2006 to 2018.
Source: Brookings analysis of IPEDS data
Advocating for the Future

☐ UW System 2021-23 budget request – 3.5% increase to support 10 initiatives; A few examples:
  ■ Support the Freshwater Collaborative of Wisconsin
  ■ Expand support for students’ mental and behavioral health
  ■ Wisconsin Tuition Promise
  ■ Modernize administrative and financial processes

☐ UWM’s budget request priorities; A few examples:
  ■ Moon Shot for Equity
  ■ Freshwater Collaborative of Wisconsin
  ■ GPR support for research/access mission
  ■ Replacing Engineering building

☐ Reinvestment is critical

We Need Your Advocacy
  ❑ Contacting legislators
  ❑ Supporting students
  ❑ Telling your stories

UWM Budget Information Website
https://uwm.edu/budget/
Rebecca Blank
Chancellor
University of Wisconsin-Madison
THE BUSINESS OF METRO MKE

REBECCA BLANK
University of Wisconsin-Madison

MARK MONE
University of Wisconsin-Milwaukee