THE BUSINESS OF MKE
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

There’s no limit to what care can do

Contact your MMAC broker or visit uhc.com/MMAC
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
THE BUSINESS OF MKE
COVID-19 UPDATE 01.12.2021
Presented by John R. Raymond Sr., MD
COVID-19 UPDATE 01.12.2020

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

Presented on 1/12/2021
### 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>2,405,734</td>
<td>375,363</td>
</tr>
<tr>
<td>Positive</td>
<td>508,346</td>
<td>88,859</td>
</tr>
</tbody>
</table>

- # of people tested reported yesterday in WI = **5,454**
- Highest single daily total of people tested was **49,029** on 11.19.2020
- Testing capacity: Stable at **59,245**. 137 laboratories currently testing. 16 planning to test.

### DAILY POSITIVE CASES

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Case Positivity</td>
<td>26.7%</td>
<td>25.1%</td>
</tr>
<tr>
<td>7-day average</td>
<td>32.5% - trending stable</td>
<td>31.9% - trending stable</td>
</tr>
</tbody>
</table>

- Daily cases have exceeded 7,000 five times since the beginning of November
- Previous highest daily positive cases:
  - WI: **7,989** on 11.18.2020
  - MKE: **1,649** on 11.09.2020
Cumulative Patients: 22,434
*Trending downward*
(4.4% of positive cases)

Inpatients: 1,017
*Decreasing: down 105 w/w*
(Previous high: 2,277 on 11.17.2020)
(Low: 235 on 7.05.2020)

ICU Patients: 221
*Decreasing: down 10 w/w*
(Previous high: 456 on 11.16.2020)
(Low: 65 on 7.05.2020)

ICU Capacity: 261
*Available ICU Beds*
*Increasing slowly*

Ventilator Capacity: 1,915
*Stable*

PPE Trends
*Stabilizing*
Most critical needs:
Gowns, goggles and paper masks
## VARIOUS COVID-19 INDICATORS – 01.11.2021

### % OF CASES BY RECOVERY STATUS

<table>
<thead>
<tr>
<th>Status</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recovered</td>
<td>93.4%</td>
</tr>
<tr>
<td>Active</td>
<td>5.6%</td>
</tr>
<tr>
<td>Died</td>
<td>1.0%</td>
</tr>
</tbody>
</table>

### CUMULATIVE DEATHS

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5,162</td>
<td>995</td>
</tr>
<tr>
<td>Male</td>
<td>54.1%</td>
<td>53.8%</td>
</tr>
<tr>
<td>Female</td>
<td>45.8%</td>
<td>46.2%</td>
</tr>
<tr>
<td>Black/African American*</td>
<td>7.2%</td>
<td>26.2%</td>
</tr>
<tr>
<td>White</td>
<td>84.2%</td>
<td>56.3%</td>
</tr>
<tr>
<td>Hispanic/Latinx*</td>
<td>6.1%</td>
<td>13.0%</td>
</tr>
</tbody>
</table>

### POSITIVE CASES

<table>
<thead>
<tr>
<th></th>
<th>WI</th>
<th>MKE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doubling time (days):</td>
<td>49.9</td>
<td>76.4</td>
</tr>
<tr>
<td>7-day growth rate:</td>
<td>0.6%</td>
<td>0.5%</td>
</tr>
<tr>
<td>R number:</td>
<td>1.18</td>
<td>1.10</td>
</tr>
</tbody>
</table>

*Stable, Decreasing, Favorable*
COVID-19 VACCINE PROGRESS

Several safe and effective COVID-19 vaccines are in development

- **APPROVED VACCINES**
  - **PFIZER VACCINE**
    - received FDA emergency use authorization EUA 12/11
  - **MODERNA VACCINE**
    - received EUA 12/18

- **VACCINE IN PROGRESS**
  - **MULTIPLE OTHER VACCINES**
    - will likely receive EUA over time
  - **JOHNSON+JOHNSON & ASTRAZENECA VACCINES**
    - are likely to be next

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

Presented on 1/12/2021
COVID-19 VACCINE ADMINISTRATION

Vaccine Summary
Last updated: 1/11/2021

<table>
<thead>
<tr>
<th>Allocated</th>
<th>Shipped</th>
<th>Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>420,200</td>
<td>266,675</td>
<td>151,518</td>
</tr>
</tbody>
</table>

Pharmacy Partnership Program

<table>
<thead>
<tr>
<th>Skilled Nursing Facilities</th>
<th>Assisted Living Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>56,900</td>
<td>50,000</td>
</tr>
</tbody>
</table>

Vaccine Administration by Manufacturer

<table>
<thead>
<tr>
<th>Pfizer</th>
<th>Moderna</th>
</tr>
</thead>
<tbody>
<tr>
<td>96,467</td>
<td>55,051</td>
</tr>
</tbody>
</table>

Data for "Allocated" and "Shipped" are updated weekly on Tuesdays. "Administered" data is updated daily.

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

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

Presented on 1/12/2021
Vaccine to prevent COVID-19 offer the safest and swiftest approach to end the pandemic.

The safety and effectiveness of the COVID-19 vaccines are assessed and approved by scientists, the medical community, governing bodies like the FDA, etc.

The COVID-19 vaccines underwent testing in trials in which no serious safety concerns were reported.

Testing of COVID-19 vaccines shows that they are effective for diverse ethnic groups, every adult age group and those with existing comorbidities; however, there has not yet been comprehensive testing on pregnant women or children.

Nine vaccine manufacturers signed a vaccine pledge committing to maintaining high ethical standards, sound scientific principles, and making safety a top priority.
CDC defines “FRONTLINE ESSENTIAL WORKERS” 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).

State further defining

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

**WINTER 2021***
- Frontline Essential Workers
- 75+ years of age

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

**SPRING/SUMMER 2021***
- All Adults

---

*Phase timing is estimated and subject to change based on vaccine availability and distribution*
VACCINE DISTRIBUTION IN WISCONSIN

- Wisconsin received fewer vaccine doses than other states of the same size
- As of 01.05, Wisconsin had vaccinated 1.2% of its population
- National average as of 01.05 was 1.3%
- 151,518 total vaccine doses administered in WI

https://coronavirus.jhu.edu/region/us/wisconsin#vaccine-tracker
https://www.dhs.wisconsin.gov/covid-19/vaccine-data.htm#day
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
EMSS VACCINE UPDATE

M. Riccardo Colella, DO, MPH, FACEP

Professor of Emergency Medicine, Pediatrics and the Institute for Health and Equity
Chief, Division of EMS Medicine
Wisconsin Department of Health, State EMS Medical Director
SDMAC Committee and SDMAC Vaccination Committee

Presented on 1/12/2021
Allocation of initial COVID-19 vaccine: Phase 1a

Science:
- COVID-19 disease burden
- Balance of benefits & harms of vaccine

Implementation

Ethics
Allocation of initial COVID-19 vaccine: Phase 1a

**Ethical Principles:**
- Maximize benefits & minimize harms
- Promote justice
- Mitigate health inequities
- Promote transparency
Allocation of initial COVID-19 vaccine: Phase 1a

Implementation:
- Values of target group
- Feasibility
<table>
<thead>
<tr>
<th>Phase</th>
<th>Groups recommended to receive COVID-19 vaccine</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a</td>
<td>Health care personnel</td>
</tr>
<tr>
<td></td>
<td>Long-term care facility residents</td>
</tr>
<tr>
<td>1b</td>
<td>Frontline essential workers§</td>
</tr>
<tr>
<td></td>
<td>Persons aged ≥ 75 years</td>
</tr>
<tr>
<td>1c</td>
<td>Persons aged 65–74 years</td>
</tr>
<tr>
<td></td>
<td>Persons aged 16–64 years§ with high-risk medical conditions</td>
</tr>
<tr>
<td></td>
<td>Essential workers§ not recommended for vaccination in Phase 1b</td>
</tr>
<tr>
<td>2</td>
<td>All persons aged ≥ 16 years§ not previously recommended for vaccination</td>
</tr>
</tbody>
</table>
EXAMPLE OF PHASE 1 & 2 COVID-19 VACCINATION ROLL-OUT

Learn more: covid19.mcw.edu
STATE DISASTER MEDICAL ADVISORY COMMITTEE (SDMAC)

....a standing committee of 12 members that advise the Wisconsin Department of Health Services (DHS) Secretary regarding medical ethics during a declared disaster or public health emergency and to recommend policy relating to the equitable and fair delivery of medical services to those who need them under resource-constrained conditions.
SDMAC VACCINE COMMITTEE

• AGE: People above 70 years of age.
• CONGREGATE LIVING
• ESSENTIAL WORKERS:
  - Non-EMS First Responders
  - Education and childcare
  - Non-frontline health care personnel
  - Mink Husbandry
Frontline healthcare workers, including licensed EMS providers, and who live and work in long-term care facilities are in Phase IA. Currently, vaccines are only available in our area for those identified in Phase IA.

Wisconsin DHS approved vaccinators wanting to administer vaccines.

Phase 1A Organizations requesting vaccination services.

Phase 1A Individuals requesting vaccination services.

Not in Phase 1A, but want updates on vaccine phases.

Learn more: covid19.mcw.edu

HTTPS://WWW.HEALTHYMKE.COM/
WHAT CAN EMPLOYERS DO?

• Advocate if you feel you represent a critical infrastructure sector
• Develop relationships with your occupational health provider, local health systems or the local public health department
• Inform your employees about vaccine facts and develop a roster so you will be ready when vaccine arrives to your vaccine provider
• Incentivize your workforce
• Continue infection control strategies (mandatory mask wearing, hand hygiene, environmental controls, symptom screening, covid testing and isolation/quarantine flexibility.

Learn more: covid19.mcw.edu
SDMAC AND DHS RESOURCES

• Advocate for 1b or 1c status: DHSSDMAC@DHS.Wisconsin.gov

• To stay current on the activities of the SDMAC and subcommittees, please visit: State Disaster Medical Advisory Committee website. All of the meetings of the SDMAC are open to the public and posted on the public meetings website.

• If you are writing with questions about the COVID-19 vaccine, please review these resources: COVID-19 vaccination plan and DHS’ executive summary of the vaccination plan, stakeholder FAQs, and the COVID-19 vaccine data summary page.

• If you are a vaccinator or would like to be a vaccinator, including details of the enrollment process: information for vaccinators

• For additional information about the COVID-19 vaccine, please visit: https://www.dhs.wisconsin.gov/covid-19/vaccine.htm
DR. JOHN RAYMOND
Medical College of Wisconsin

DR. M. RICCARDO COLELLA
Medical College of Wisconsin

THE BUSINESS OF MKE