Steve Baas
Vice President - Government Affairs
Metro Milwaukee Association of Commerce
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
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
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
MMAC AND M7 WEBINAR SERIES: BUSINESS STRATEGIES DURING THE PANDEMIC.
COVID-19 UPDATE 12.01.2020

Presented by John R. Raymond Sr., MD
COVID-19 UPDATE 12.01.2020

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

Presented on 12/1/2020
COVID-19 SITUATION – WORLDOMETERS 11.30.2020

Coronavirus Cases: 63,472,741
Deaths: 2.3%
Recovered: 69.1%

Coronavirus Cases: 13,870,945
Deaths: 2.0%
Recovered: 59.0%

Coronavirus Cases: 387,235
Deaths: 0.9%
Recovered: 81.0%

Learn more: covid19.mcw.edu

https://www.worldometers.info/coronavirus/
Presented on 12/1/2020
WI burden of COVID-19 cases last 2 weeks is critically high.

- **1,445 per 100,000 population.**

65 counties with critically high burdens.

- Improved from 71 11.18.2020.

7 counties with very high burdens.

3 counties with growing burdens.

- Brown, Crawford, Douglas.

43 counties with shrinking burdens.

https://www.dhs.wisconsin.gov/covid-19/disease.htm
• Wisconsin’s COVID-19 pandemic began to show early signs of plateauing or deceleration last week.

• Wisconsin has improved to only one of the NY Times top 20 metro areas in terms of worst burden of new case per 100,000 population:
  - Beaver Dam (16).
  - This is down from 11 three weeks ago.
  - More than two dozen Wisconsin metro areas have fallen out of the top 20.

• Wisconsin has no metro areas on top 20 where cases are increasing the fastest.
  - This is down from 8 three weeks ago.

• Daily case counts are declining.

• COVID-19 hospitalizations have dropped slightly from peaks two weeks ago
• COVID-19 ICU census has declined, is stable.
• Total hospitalizations and ICU occupancy (non-COVID + COVID-19) have decreased but are still high.
• Reproductive number has dropped to below 1.0 first time since end of September.
• Doubling times have stabilized but are worse than at end of September
• Seven-day average positivity rates have started to drop, but are still very high.
  - 28.7% cases; 12.6% tests.
• Seven-day death rates have started to drop, but are still high
  - Average 43.
COVID-19 DIAGNOSTIC TESTING – 11.30.2020

CUMULATIVE PEOPLE TESTED in WI

<table>
<thead>
<tr>
<th>Total Cases</th>
<th>Negative</th>
<th>Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,537,231</td>
<td>2,149,996</td>
<td>387,231</td>
</tr>
</tbody>
</table>

# of people tested yesterday in WI = 8,740

Testing capacity: Up to 59,595.

11.30.2020 DAILY POSITIVE CASES

<table>
<thead>
<tr>
<th>New Cases</th>
<th>% Case Positivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>WI: 2,534</td>
<td>WI: 33.1</td>
</tr>
<tr>
<td>MKE: 980</td>
<td>MKE: 33.9</td>
</tr>
</tbody>
</table>

Highest total of people tested was 42,451 on 10.08.2020

133 laboratories currently testing. 17 planning to test.

WI DHS: WI CASES BY DATE

NYT: US CASES BY DATE

Presented on 12/1/2020
RECOVERY STATUS AND DEATHS – 11.30.2020

WI % CASES BY RECOVERY STATUS

<table>
<thead>
<tr>
<th></th>
<th>Recovered</th>
<th>Active</th>
<th>Died</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>81.4%</td>
<td>17.8%</td>
<td>0.9%</td>
</tr>
</tbody>
</table>

Worst days: 104 (11.24), 92 (11.17), 83 (11.19), 78 (11.20), 66 (11.10), 64 (10.27), 62 (11.06 & 11.11), 59 (10.31), 58 (11.12 & 11.13).

DEATH DEMOGRAPHICS

<table>
<thead>
<tr>
<th></th>
<th>Male: 54.5%</th>
<th>Female: 45.3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black/AA:</td>
<td>8.7%</td>
<td>82.9%</td>
</tr>
<tr>
<td>Hispanic/LatinX</td>
<td>6.9%</td>
<td></td>
</tr>
</tbody>
</table>

WI: total deaths: 3,313

DEATHS REPORTED BY DATE

NYT: US DEATHS REPORTED BY DATE

NEW DEATHS (6)

Worst days: 104 (11.24), 92 (11.17), 83 (11.19), 78 (11.20), 66 (11.10), 64 (10.27), 62 (11.06 & 11.11), 59 (10.31), 58 (11.12 & 11.13).
# EARLY WI COVID-19 INDICATORS 11.30.2020

<table>
<thead>
<tr>
<th></th>
<th>WI</th>
<th>MKE</th>
</tr>
</thead>
<tbody>
<tr>
<td>R number</td>
<td>0.75</td>
<td>0.96</td>
</tr>
<tr>
<td>7-day growth rate</td>
<td>1.2%</td>
<td>1.3%</td>
</tr>
</tbody>
</table>

**Improving**

<table>
<thead>
<tr>
<th>Doubling time (days)</th>
<th>WI</th>
<th>MKE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>41.2</td>
<td>65.3</td>
</tr>
</tbody>
</table>

**Stabilizing**

**Doubling Time Trends**

- **Wisconsin Reproductive Number Trend** from rt.live

- **Doubling Time** from Andrew Yaspan
WI HOSPITAL COVID-19 INDICATORS – 11.30.2020

Cumulative Patients Admitted:
WI: 17,095
*Stabilizing*
(4.4% of positive cases)

Current WI Inpatients:
1,845 down 154 last 7 days
(WI high: 2,277 on 11.18.2020)
(WI low: 235 on 07.05.2020)

Current ICU Patients:
WI: 395 down 43 last 7 days
(WI high: 456 on 11.16.2020)
(WI low: 65 on 07.05.2020)

ICU Beds Available:
WI: 187
*Stabilizing*

PPE Trends:
Worsening
Needs: gowns and masks

Ventilators Available: 1,753
*Decreasing but adequate*
WISCONSIN HOSPITAL COVID-19 TAKEAWAYS

As of 11.30.2020: Total of all Wisconsin hospital beds (ICU + intermediate care + medical/surgical + negative flow isolation) = 11,173.
- 84.9% are occupied. 1,690 available.
- This has improved since two weeks ago, when 92% were occupied. Still suboptimal.

As of 11.30.2020: Total Wisconsin ICU beds = 1,466
- 87.7% are occupied and 187 are available.
- This has improved since two weeks ago, when 93% were occupied. Still suboptimal.

As of 11.30.2020: Alternate Care Facility (State Fairgrounds in West Allis) had a census of 6 patients
- ACF has cared for over 100 patients.
- ACF has continuously enhanced care options.
Will we have a COVID-19 vaccine in the US by the end of 2020?

• Yes. Both Moderna and Pfizer vaccines should be available, but limited initially to front line healthcare providers, first responders, high risk populations.


• No single drug company will be able to meet the short-term demand; many 100’s of millions of doses needed.
Will COVID-19 vaccines be safe?

- Probably, but development time frame is compressed from average of 12 years to 10-12 months.
- Nine vaccine manufacturers signed a vaccine pledge on 09.08.2020.
- We will not have long term safety data until late 2021.
- We saw vaccine makers showing caution during development – pausing studies to assess potential risks.
- Confidence in FDA’s “historic independence as the gold-standard international regulatory body” has been eroded.
- First to market might not be best vaccine.
COVID-19 VACCINE POSSIBLE TIMELINE

When can I get a coronavirus vaccine?

**DATE RANGE**

<table>
<thead>
<tr>
<th>Phase 1a</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front-line health workers, EMTs, cleaners and first responders</td>
<td></td>
</tr>
<tr>
<td>Those with underlying conditions that put them at significantly higher risk</td>
<td></td>
</tr>
<tr>
<td>Those with two or more chronic conditions</td>
<td></td>
</tr>
<tr>
<td>65 and older in group living facilities</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Phase 1b</th>
<th>10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical workers in high-risk situations:</td>
<td></td>
</tr>
<tr>
<td>Teachers</td>
<td></td>
</tr>
<tr>
<td>Child care workers</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phase 2</th>
<th>30% to 35%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Those with an underlying condition that put them at moderately higher risk</td>
<td></td>
</tr>
<tr>
<td>All people under 65 who are in prisons, jails and detention centers</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phase 3</th>
<th>40% to 45%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Young adults, children (if safe for them) and people who work in industries such as:</td>
<td></td>
</tr>
<tr>
<td>Hotels</td>
<td></td>
</tr>
<tr>
<td>Banks</td>
<td></td>
</tr>
<tr>
<td>Higher education</td>
<td></td>
</tr>
<tr>
<td>Factories</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phase 4</th>
<th>5% to 15%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Everyone else residing in the U.S.</td>
<td></td>
</tr>
</tbody>
</table>

**DATE DISTRIBUTION**

- **Fall 2021**
  - Herd immunity through vaccination could be reached in the US, if 75% of people (or more) get their shots.
- **Summer 2021**
  - Vaccines become more widely available to young, healthy members of the general public.
- **Spring 2021**
  - Approved vaccines start to go out to 4 priority groups: healthcare workers, frontline workers, people over 65, and people with preexisting conditions.
- **Winter 2020**
  - First vaccines (Pfizer, Moderna) expected to submit for FDA Emergency Use Authorization. Approval could be granted within weeks.

**References**

- Yuqing Li/Business Insider

Presented on 12/1/2020

Learn more: covid19.mcw.edu
RISK CALCULATORS

Online resources to help calculate your individual risk level, and the risk level of your event/gathering:

- Individual Risk, including age, gender, and preexisting conditions: covidodds.com
- Gatherings categorized by risk level: wismed.org
- Event Risk Assessment Planning Tool (pictured): covid19risk.biosci.gatech.edu
- Risk calculator based on length and type of indoor exposure: https://indoor-covid-safety.herokuapp.com/

Learn more: covid19.mcw.edu
DATA SOURCES

- 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 12/1/2020
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mmac.org/smart-restart/toolkit
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VISIT Milwaukee
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Chief Executive Officer
Imagine MKE
RICK SCHLESINGER
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VISIT Milwaukee

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LIVE WEBCAST Business Strategies DURING THE PANDEMIC