## 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>2,273,936</td>
<td>355,788</td>
</tr>
<tr>
<td>Positive</td>
<td>448,441</td>
<td>79,396</td>
</tr>
</tbody>
</table>

- # of people tested reported yesterday in WI = **10,938**
- Highest single daily total of people tested was **49,029** on 11.19.2020
- Testing capacity: Up to **59,735**. 134 laboratories currently testing. 17 planning to test.

## DAILY POSITIVE CASES

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin</th>
<th>Milwaukee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>3,643</td>
<td>740</td>
</tr>
</tbody>
</table>

- Daily cases have exceeded 7,000 seven 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: 19,785
*Trending downward*
(4.4% of positive cases)

Inpatients: 1,363
-121 last seven days
(Previous high: 2,277 on 11.17.2020)
(Low: 235 on 7.05.2020)

ICU Patients: 298
- 34 last seven days
(Previous high: 456 on 11.16.2020)
(Low: 65 on 7.05.2020)

ICU Capacity: 206
Available ICU Beds
*Increasing*

Ventilator Capacity: 1,843
*Stabilizing*

PPE Trends
*Stabilizing*
Most critical needs: gowns and paper masks
### VARIOUS COVID-19 INDICATORS – 12.17.2020

**% OF CASES BY RECOVERY STATUS**

<table>
<thead>
<tr>
<th>Status</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recovered</td>
<td>90%</td>
</tr>
<tr>
<td>Active</td>
<td>9%</td>
</tr>
<tr>
<td>Died</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></td>
<td>4,255</td>
<td>799</td>
</tr>
<tr>
<td>Male:</td>
<td>54.0%</td>
<td>54.2%</td>
</tr>
<tr>
<td>Female:</td>
<td>45.8%</td>
<td>45.8%</td>
</tr>
<tr>
<td>Black/African American*:</td>
<td>7.6%</td>
<td>27.9%</td>
</tr>
<tr>
<td>White:</td>
<td>83.9%</td>
<td>54.7%</td>
</tr>
<tr>
<td>Hispanic/Latinx*:</td>
<td>6.3%</td>
<td>13.1%</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>43.7</td>
<td>66.4</td>
</tr>
<tr>
<td>7-day growth rate:</td>
<td>0.7%</td>
<td>0.8%</td>
</tr>
<tr>
<td>R number:</td>
<td>0.92</td>
<td>0.93</td>
</tr>
</tbody>
</table>

*Stable* and *Decreasing* indicate the trend in the data.

---

Presented on 12/18/2020

Learn more: covid19.mcw.edu
Yes, but Still Critically High

- COVID-19 hospitalizations have dropped steadily from peaks 4 weeks ago.
- WI COVID-19 ICU census has declined but exceeds peak of Spring surge.
- Total hospitalizations and ICU occupancy (non-COVID + COVID-19) have decreased but are still higher than normal.
- Reproductive number has been at or below 1.0 for four weeks.
- 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.
- Seven-day death rates have started to drop, but are still high.
WHY IS COVID-19 DECELERATING IN WISCONSIN?

There are three potential reasons:

• People are being more diligent about protecting themselves.
• Low hanging fruit hypothesis.
  - The most susceptible individuals have gotten infected
    • Different behavior; Higher risk groups
• Network hypothesis.
  - Key people at the nexus of social networks have been infected

Not likely to be from:

• Herd immunity (not close to 70% of population infected).
• Less testing (see hospital and death trends).
Several safe and effective COVID-19 vaccines are in development.

- Pfizer vaccine received FDA emergency use authorization (EUA) 12/11;
- Moderna vaccine is anticipated to receive EUA this week
- No single drug company will be able to meet the short-term demand; many 100’s of millions of doses needed.
- Multiple other vaccines will likely receive EUA over time
- Strategy and framework in place to ramp up vaccinations to all Americans
TENTATIVE PLANS FOR VACCINE DISTRIBUTION

1A Late Dec – Early Feb
- Healthcare Personnel
- Long Term Care Facilities (personnel and residents)

1B Late Jan – Late March
- Essential Workers

1C Mid-March – Late May
- High Risk Medical
- At-risk communities
- 65+

2 May and Beyond
- General Population

Number of People Eligible for Vaccination

Learn more: covid19.mcw.edu
Will COVID-19 vaccines be safe?

- A vaccine to prevent COVID-19 offers the safest and swiftest approach to end the pandemic.
- The safety and effectiveness of the COVID-19 vaccine is 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.
How is the Vaccine Given?
• The vaccine is given in the upper arm
• It is a two-dose vaccine, so two shots, at different times, are necessary for it to be effective

How Will I Feel After Getting the Vaccine?
• After receiving the vaccination, your body may have a response. This can include injection site tenderness, redness or swelling, fever, fatigue, muscle aches, joint pain or nausea. These are common signs that the vaccine is working, and your body is starting to build immunity.

How Soon Will the Vaccine Work?
• It will take several weeks after receiving both injections for your body to achieve immunity, so you will still need to practice the 3 Ws: Wear a mask, Watch your distance, and Wash your hands
HERD IMMUNITY = COMMUNITY PROTECTION

COVID-19 travels quickly through communities, leaving many sick and hospitalized.

When enough people are vaccinated against COVID-19, the virus can’t travel as easily from person to person, and the entire community is less likely to get the disease.

Estimates suggest 70-85% of people must receive vaccine for community protection.

In June 40-45% if people said they would take vaccine. Now 65-85% say they will take it.
CDC’s Vaccination Framework

Vaccinate with Confidence

CDC’s strategic framework for strengthening vaccine confidence and preventing outbreaks of vaccine preventable diseases.

**Strategy: Protect communities at risk from under-vaccination**
- Leverage immunization data to find and respond to communities at risk
- Work with trusted local partners to reach at-risk communities before outbreaks
- Ensure vaccines are available, affordable, and easy-to-get in every community

**Strategy: Get providers and parents effective information resources**
- Expand resources for health care professionals to help them have effective vaccine conversations with parents
- Work with partners to start conversations before the first vaccine appointment
- Help providers foster a culture of immunization in their practices

**Strategy: Stop misinformation from eroding public trust in vaccines**
- Work with local partners and trusted messengers to improve confidence in vaccines among key, at-risk groups
- Establish partnerships to contain the spread of misinformation
- Educate key new stakeholders (e.g., state policy makers) about vaccines
VACCINE FACTS NOT MYTHS

• COVID-19 vaccines will not give you COVID-19 or the flu.

• Vaccines do not contain toxic ingredients

• Vaccine-induced immunity is safer and healthier than natural immunity

• The flu vaccine does not protect you against COVID-19

• Even if you have had COVID-19 you should still take vaccine

• The vaccine will not alter your DNA

• Current mRNA COVID-19 vaccines were not created with and do not require the use of fetal cell cultures in the production process

Learn more: covid19.mcw.edu
KEEP PRACTICING 3 Ws

Wear a mask

Watch your distance

Wash your hands

Learn more: covid19.mcw.edu
POLL
KEEP PRACTICING 3 Ws

Wear a mask
Watch your distance
Wash your hands

Learn more: covid19.mcw.edu