



GMC
COVID-19 Update
04.12.2021

PRESENTED BY:
John R. Raymond Sr., MD

PRESENTED BY:



John R. Raymond Sr., MD

President and CEO

Medical College of Wisconsin

Analytics by Ali Nemati

MCW Institute for Health and Equity



DAILY POSITIVE CASES

WISCONSIN & MILWAUKEE

569

POSITIVE CASES
IN WISCONSIN
YESTERDAY

12.7%

CASE POSITIVITY
IN WISCONSIN
YESTERDAY

17.8%

7-DAY AVERAGE
IN WISCONSIN
TRENDING FAVORABLE

138

POSITIVE CASES
IN MILWAUKEE
YESTERDAY

16.7%

CASE POSITIVITY
IN MILWAUKEE
YESTERDAY

17.3%

7-DAY AVERAGE
IN MILWAUKEE
TRENDING STABLE

535,308

TOTAL CASES IN WI

102,235

TOTAL CASES IN MKE

7,989

PREVIOUS HIGHEST DAILY
POSITIVE CASES IN
WISCONSIN
11.18.2020

1,649

PREVIOUS HIGHEST DAILY
POSITIVE CASES IN
MILWAUKEE
11.09.2020



CUMULATIVE DEATHS

WISCONSIN & MILWAUKEE

6,677
IN WISCONSIN

7.2%
BLACK/
AFRICAN AMERICAN

1,270
IN MILWAUKEE

25.7%
BLACK/
AFRICAN AMERICAN

54.2%
MALE

86.4%
WHITE

54.5%
MALE

57.2%
WHITE

45.7%
FEMALE

5.8%
HISPANIC/LATINX

45.5%
FEMALE

12.7%
HISPANIC/LATINX

% OF CASES BY RECOVERY STATUS

97.4%
RECOVERED

1.5%
ACTIVE

1.1%
DIED



- WI is doing better now than during the Spring, Summer and November surges; BUT, cases and hospitalizations are rising. Cases are averaging 775 per day, up from recent 7-day average low of 363 on 03.11.2021. Hospitalizations are up 49% since low of 193 was reported on 03.21.2021
- 7-day average for new US daily cases has risen from under 50,00 in mid-March to 68,000. However, deaths are still trending downward.
- State trends are variable, with surges in Michigan, NY, and NJ. Minnesota cases continue to rise. Illinois cases have increased 50% over last two weeks. Deaths are rising in Minnesota and Michigan.
- Competing forces... increasing COVID-19 vaccinations vs pandemic fatigue + more contagious variant strains.



WISCONSIN IS

10th of 55 US states and territories

FOR ONE DOSE and COMPLETED COURSES

AS OF 04.11.2021

1 in 3 IN USA

HAVE RECEIVED AT LEAST ONE VACCINATION

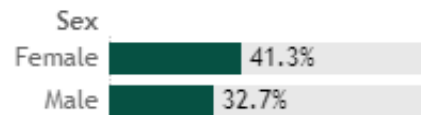
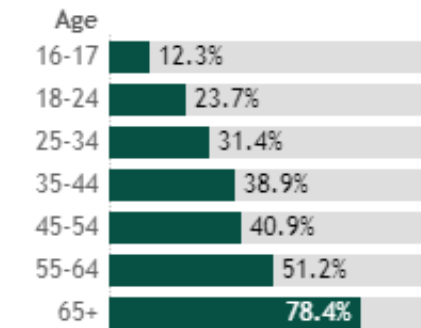
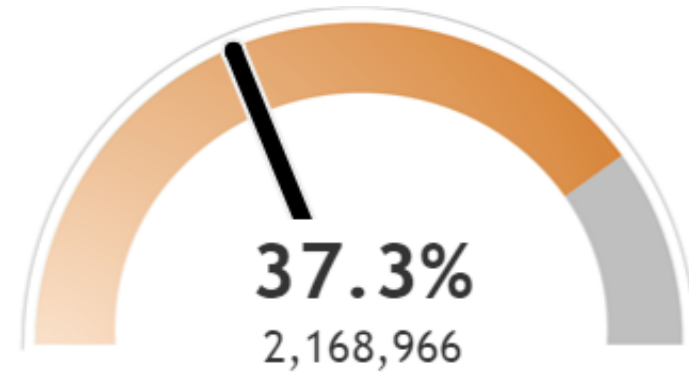
AS OF 04.11.2021

**MILWAUKEE IS LAGGING, BUT IS
CATCHING UP**

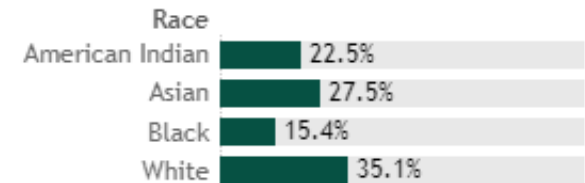
**USA – 3 MILLION SHOTS PER DAY
WISCONSIN – NEARLY 400K/WEEK**

Presented on 4/13/2021

WISCONSIN POPULATION WHO HAVE RECEIVED ONE VACCINATION

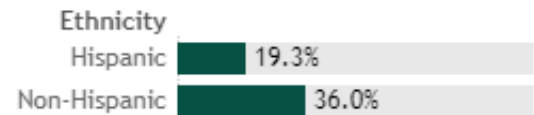


*0.7% of records were reported without sex.



*3.6% of records reported a race of "Other".

*7.1% of records reported an unknown race.

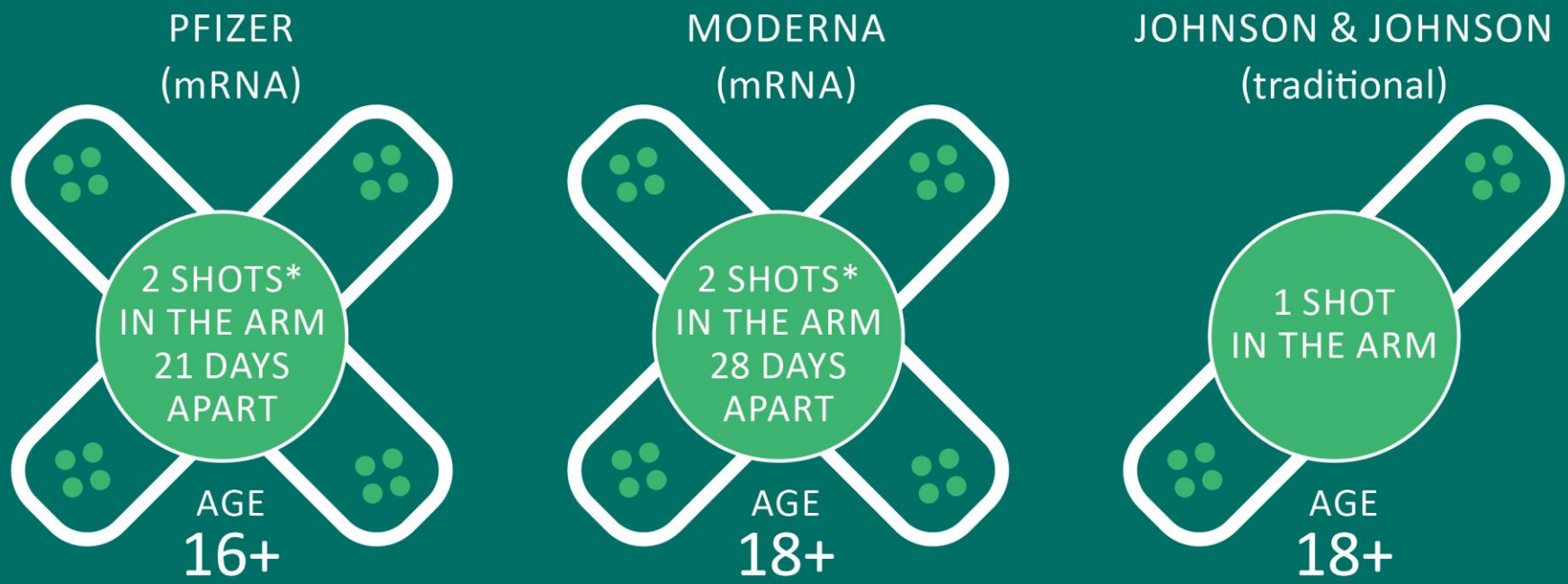


*6.5% of records were reported without ethnicity.

<https://coronavirus.jhu.edu/region/us/wisconsin#vaccine-tracker>

<https://www.dhs.wisconsin.gov/covid-19/vaccine-data.htm#day>

COVID-19 VACCINES AT A GLANCE



**Both shots must be of the same vaccine. COVID-19 vaccines are free.*

All vaccines were held to the same rigorous safety and effectiveness standards as all other vaccines in the United States

All vaccines were found to be highly effective at protecting against COVID-19

All vaccines teach the body to protect itself

None of the vaccines contain a live virus and cannot give you COVID-19

After receiving the vaccine, you may experience tenderness at the injection site, fatigue, low-grade fever, headache, or muscle/joint soreness – these should go away within a day or two



- More than 773 M COVID-19 vaccine doses have been administered worldwide.
- US is first in world for total vaccinations (183.5 M); and has higher percentage of individuals who have completed the series (21%) than much of the rest of the world. We are behind Israel (55%); Seychelles (41%); Chile (25%); Bahrain (24%); and Monaco (23.0%).
- Wisconsin has a higher percentage of individuals who have received at least one vaccine dose (37.3%) than much of the rest of the country and is on par with neighboring states.
- Three authorized vaccines in USA are highly effective – differences in reported efficacy should not be directly compared to each other.
 - No trials have been done to compare efficacy
 - They were tested at different points in time, with different test subjects, different strains, and different outcome measures.



Eligible groups in priority order

 Frontline health care personnel	^
 Residents and staff in skilled nursing and long-term care facilities	^
 Police and fire personnel, correctional staff	^
 Adults ages 65 and older	^
 Educators and child care	^
 Individuals enrolled in Medicaid long-term care programs	^
 Some public facing essential workers	^
 Non-frontline essential health care personnel	^
 Congregate living facility staff and residents	^
 Individuals with certain medical conditions	^
 All individuals ages 16 and older	^

Eligibility is based on recommendations from the CDC and decisions by state and local health authorities.

All individuals age 16 and over were eligible in Wisconsin as of April 5



WHEN CAN WE OPEN BACK UP?

1. When we've reached herd immunity (70-80+% of adults & children)
2. Burden of disease is considered "Low" by DHS
 - As of last Wednesday, no counties in Wisconsin had low activity levels.
 - Ten counties had "medium activity"; and 61 counties had "high levels" of activity. St. Croix county had very high levels.
3. We need to know more about the effectiveness of the vaccines for the new strains, and how well previous infection prevents reinfection. The Brazilian "P1" strain is of concern for re-infection; and the South African "B.1.351" strain is of concern for vaccine ineffectiveness. Four P1 cases have been detected in WI, and 15 cases of B1.351 thus far. 148 cases of UK B.1.1.7 have been detected. 216 cases of B1.427/B.1.429 (California) have been detected. All four strains are "variants of concern".

CDC classifies
variants by 3 levels

VARIANTS OF INTEREST

Specific markers predicted
to impact biology

VARIANTS OF CONCERN

Evidence of increased
transmission or virulence
or escape from immunity

VARIANTS OF CONSEQUENCE

Clear evidence that
prevention or treatment
measures are ineffective



KEEP FOLLOWING THE 3Ws



WEAR
A MASK



WATCH
YOUR DISTANCE



WASH
YOUR HANDS

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/>
- New York Times: <https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html>
- and <https://www.nytimes.com/interactive/2020/science/coronavirus-vaccine-tracker.html>
- Wisconsin Electronic Disease Surveillance System (secure access required)
- Milwaukee County Unified Emergency Operations Center (secure access required)
- Centers for Disease Control and Prevention: <https://www.cdc.gov/coronavirus/2019-ncov/community/health-equity/race-ethnicity.html>
- 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