

COVID-19 UPDATE

Kirsten Johnson, MPH, CPH, CHES
Commissioner of Health

PUBLIC SAFETY AND HEALTH COMMITTEE SEPTEMBER 9, 2022

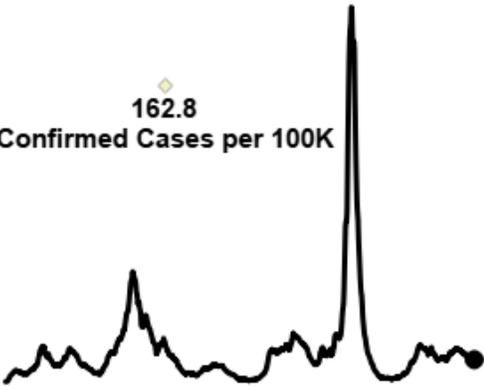


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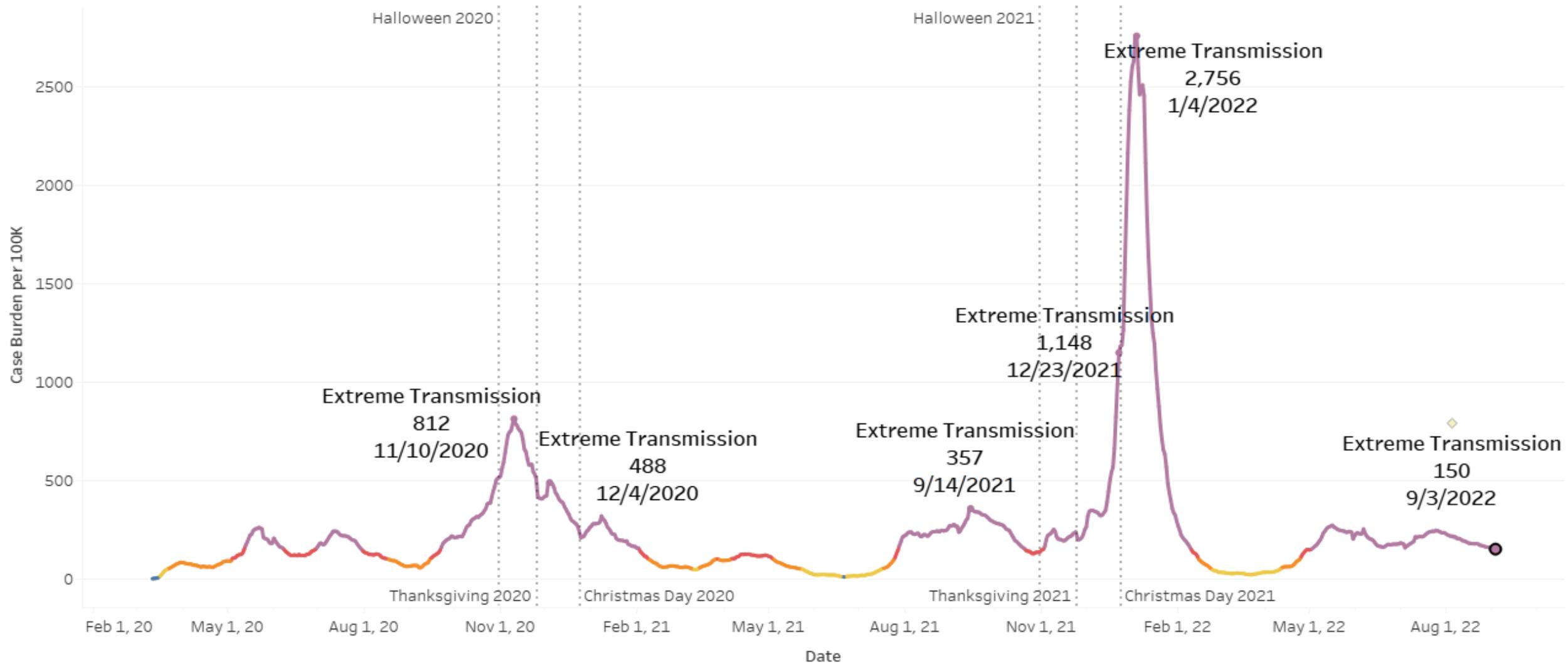
CURRENT CASE BURDEN

KEY METRICS

Key Indicator Statuses Updated on Tuesdays & Thursdays	Return to Overview
<p>Rate of COVID-19 cases per 100,000 over 7 days</p> <p><i>Total number of new cases in the City of Milwaukee in the last 7 days divided by the City of Milwaukee population and multiplying by 100,000. Population data is based on US Census, 2019.</i></p>	 <p>162.8 Confirmed Cases per 100K</p>
<p>City of Milwaukee Adult Vaccination Rate</p> <p><i>Total number of adult City of Milwaukee residents who have completed their COVID-19 vaccination series divided by the adult population of the City of Milwaukee. Adult is defined as an individual who is 16 years of age or older. Population data is based on U.S. Census, 2019.</i></p>	 <p>65.4%</p>
<p>CDC Community Levels</p> <p><i>The CDC has updated the thresholds and metrics used in assessing a community's COVID-19 levels. The new levels are determined based on new COVID-19 hospital admissions in the past 7 days, percent of staffed inpatient beds occupied by COVID-19 patients, and total new COVID-19 cases in the past 7 days. The CDC updates these calculations weekly on Thursdays. We will update community level calculations on Fridays.</i></p> <p><i>More information on the measures, thresholds, and individual factors for Milwaukee County can be found at: https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html</i></p>	<p>MEDIUM COVID-19 COMMUNITY LEVEL</p> <p>You should:</p> <ul style="list-style-type: none">• Talk to your healthcare provider about whether you need to wear a mask and take other precautions if you're at high risk for severe illness• Stay up to date with COVID-19 vaccines• Get tested if you have symptoms

*Metrics exclude last 3 days of data due to delays in reporting.

CURRENT CASE BURDEN



*Metric excludes last 4 days to account for delays in reporting and allow trends to stabilize.
Data Source: Wisconsin Electronic Disease Surveillance System (WEDSS) via DHS
Last Updated: 9/8/2022 8:14:57 AM

COVID-19 Wastewater Surveillance in Wisconsin

Date Updated: 9/7/2022

Click on the list or map to select a sewershed. Click again to deselect.

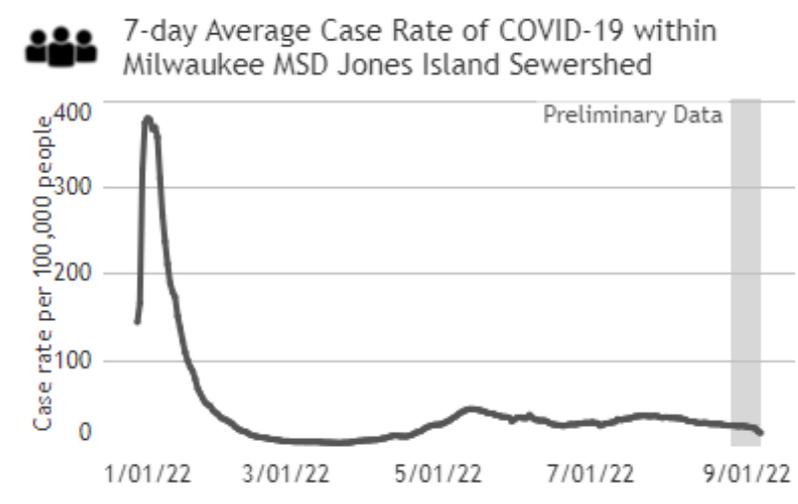
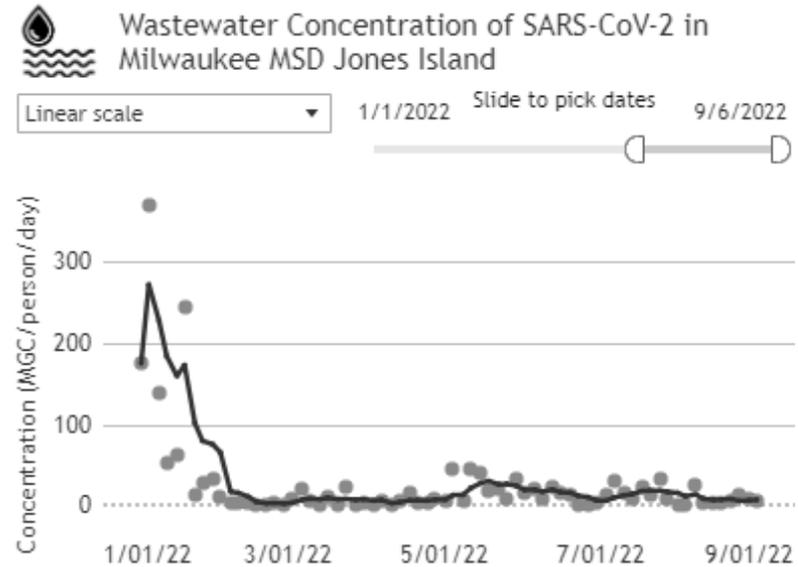
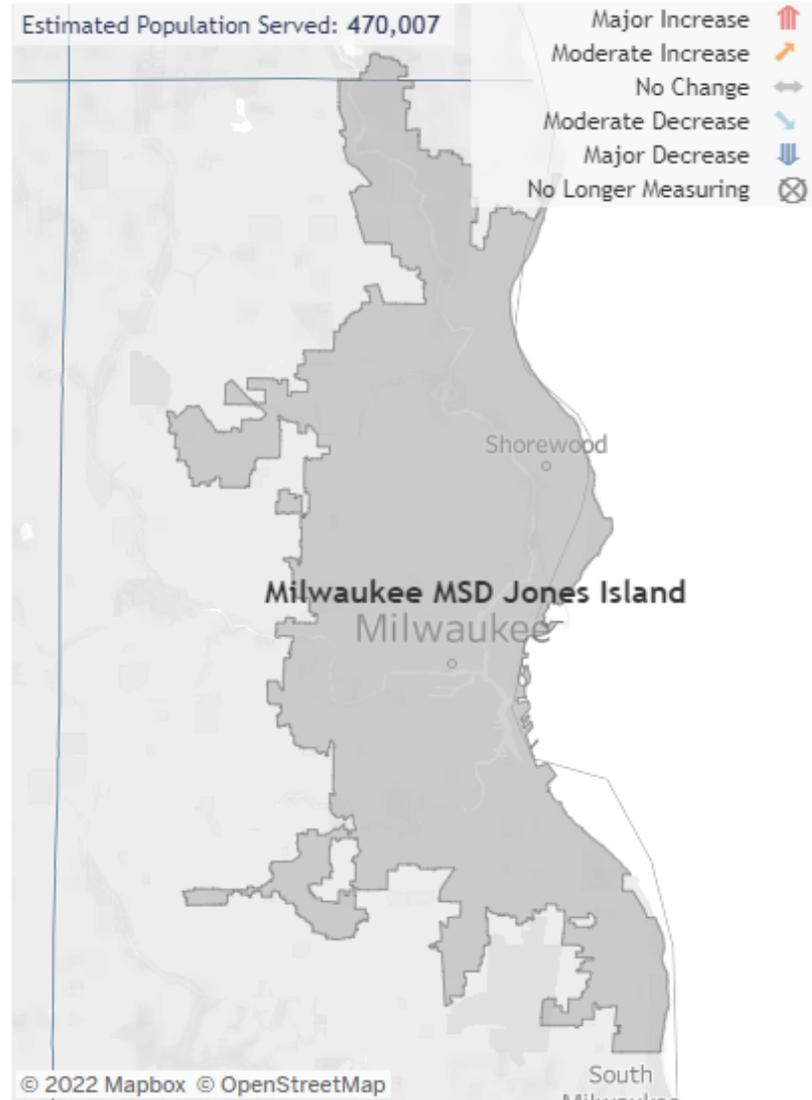
**Milwaukee MSD
Jones Island**



SARS-CoV-2 Concentration:
No Change
from 8/17/22 to 8/31/22

COVID-19 Case Trajectory:
Decrease
from 8/23/22 to 9/7/22

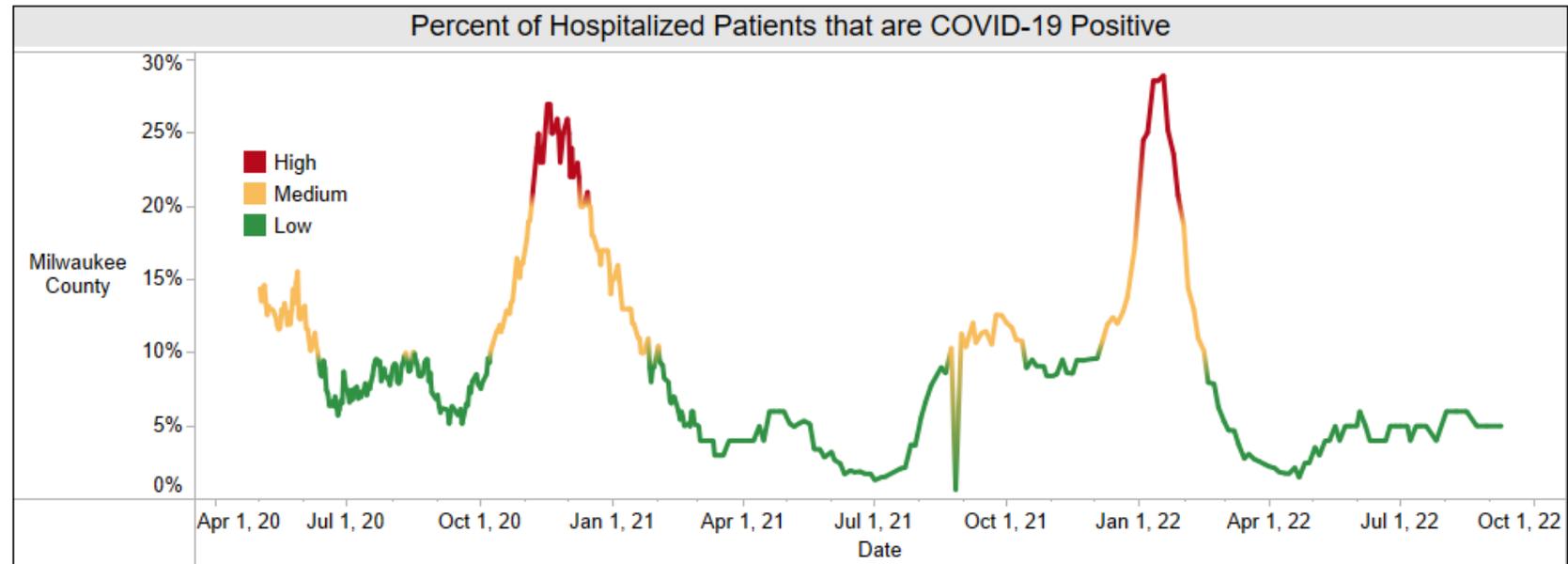
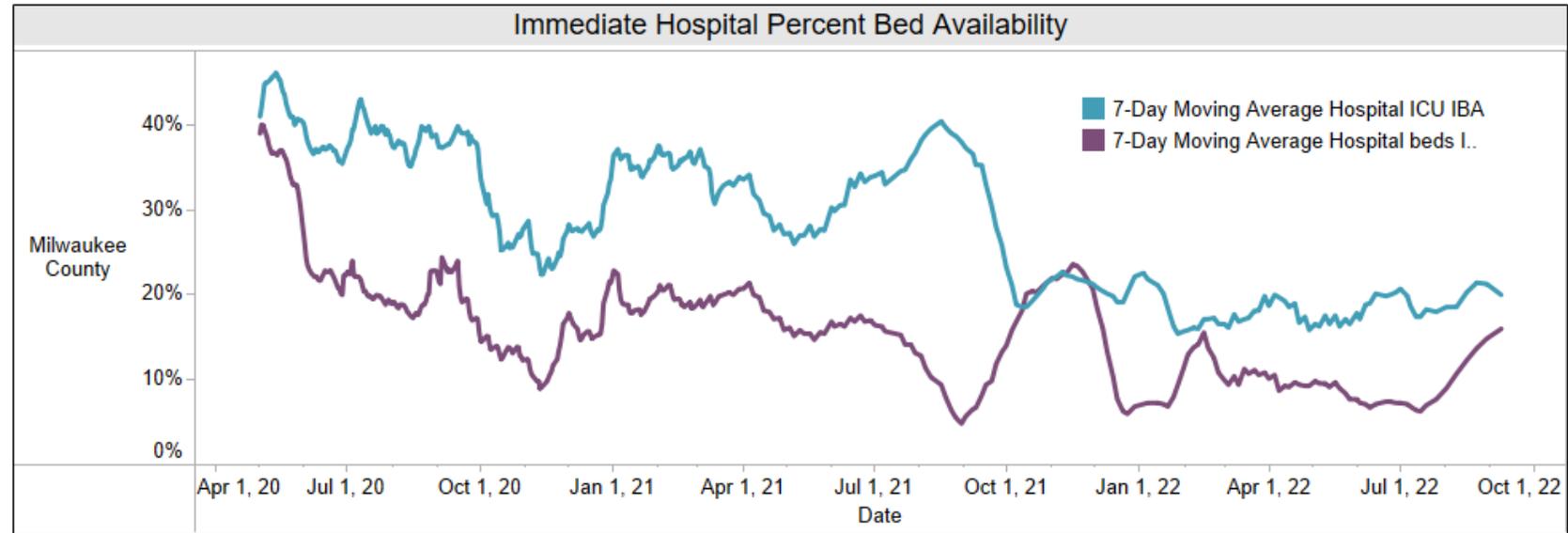
- Appleton WWTF 
- Ashland Sewage Uti.. 
- Baraboo WWTF 
- Black River Falls W.. 
- Clintonville Waste.. 
- Columbus WWTF 
- De Pere WWTF 
- Eau Claire WWTF 
- Fox River WPC 
- Green Bay MSD 
- Hartford WPCF 
- Hayward WPCF 
- Hudson WWTF 
- Janesville WW Utility 
- Kenosha WWTF 
- La Crosse WWTP 
- Lodi WWTF 
- Madison MSD WWTF 
- Manitowoc WWTF 
- Marinette Wastewa.. 
- Marshfield WWTF 
- Mauston WWTF 
- Menomonie WWTF 
- Merrill WWTP 
- Milwaukee MSD Jon.. **
- Milwaukee MSD Sou.. 
- Monroe WWTF 
- Port Washington WWTF 



HOSPITALIZATIONS

Hospitalization Data May 1, 2020-September 7, 2022

[Return to Overview](#)



VARIANTS IN WI

- Omicron is 100% of cases, subvariants of BA.4 and BA.5 are continuing to increase



Wisconsin SARS-CoV-2 (hCoV-19) Genomic Dashboard

enabled by data from

- Sequencing Report
- Variant Report**
- Geographical Report
- About the Data

Delta

Last 30 Days: **0**

Total: **27872**

B.1.617.2, All AY

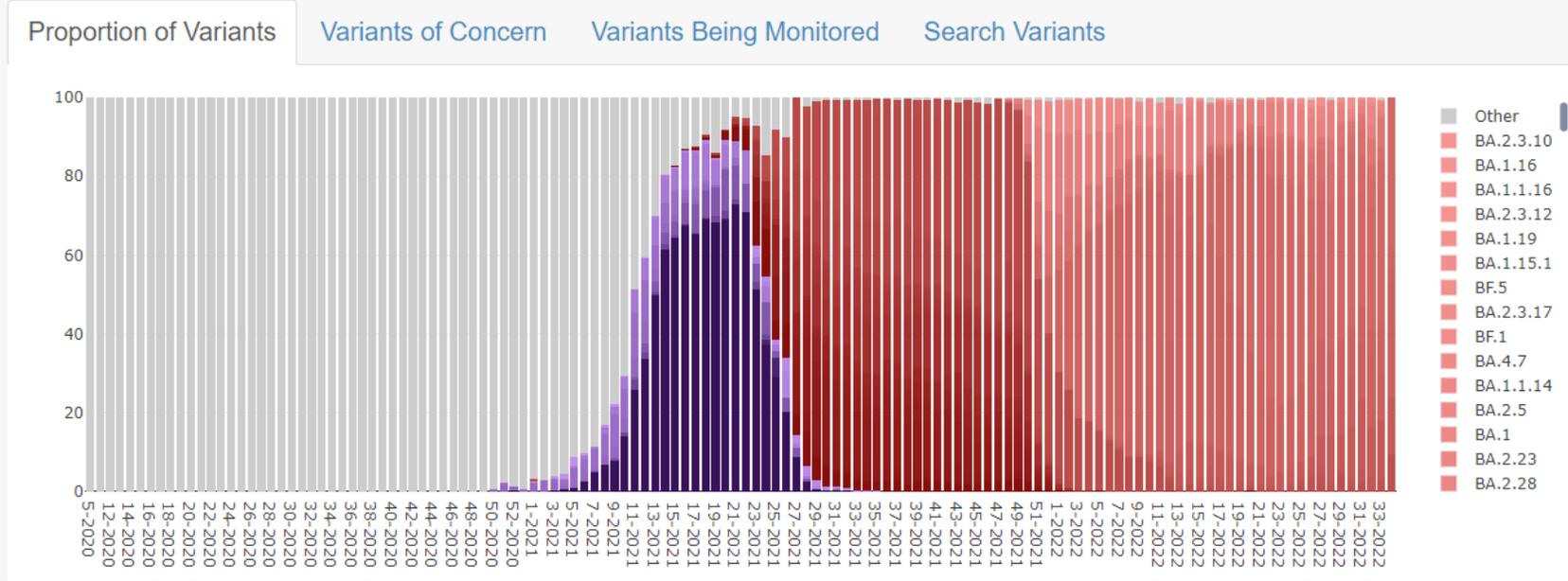
Omicron

Last 30 Days: **272**

Total: **22833**

B.1.1.529, All BA

Data Updated:
2022-09-08



Proportion of sequenced strains that are variants of concern (red) and variants being monitored (purple), over time by sample collection date.

Time Period

Weekly

Variant Label

Pangolin

VACCINATIONS

VACCINE UPDATE

- 65.4% of adults (16+) fully vaccinated
- 55.6% of total residents fully vaccinated
- 51.3% of fully vaccinated residents are boosted



DEMOGRAPHIC TABLE

Vaccinated City of Milwaukee Residents By Race/Ethnicity							
Race/Ethnicity	2019 ACS Population Estimate	At Least 1 Dose	Percent Population Fully Vaccinated	Race/Ethnicity Percent Population Fully Vaxxed	Boosted Individuals	Percent of Fully Vaxxed w Booster	
Black or African-American	227,829	108,478	47.6%	97,780	42.9%	45.1%	
Hispanic or Latino	112,817	69,686	61.8%	63,541	56.3%	42.2%	
Other Race	17,258	13,851	80.3%	12,625	73.2%	42.1%	
American Indian or Alaska ..	2,763	2,181	78.9%	2,025	73.3%	50.5%	
White	208,521	128,238	61.5%	122,335	58.7%	64.6%	
Asian or Pacific Islander	25,360	20,773	81.9%	19,143	75.5%	42.1%	
Unknown		12,650		10,439		36.7%	
Grand Total	594,548	355,857		327,888		51.3%	

Vaccinated City of Milwaukee Residents By Age Group							
	2019 ACS Population Estimate	At Least 1 Dose	Age Percent of Population with 1 or more doses	Fully Vaccinated	Age Percent of Population fully vaxxed	Boosted Individuals	Percent of Fully Vaxxed w Booster
5 to 11 years	61,519	16,249	26.4%	13,547	22.0%	1,912	14.1%
12 to 15 years	32,878	17,663	53.7%	15,914	48.4%	4,853	30.5%
16 to 19 years	36,222	18,769	51.8%	16,752	46.2%	5,440	32.5%
20 to 24 years	50,576	30,135	59.6%	26,684	52.8%	9,340	35.0%
25 to 34 years	101,565	64,618	63.6%	58,352	57.5%	24,615	42.2%
35 to 44 years	74,841	53,681	71.7%	49,560	66.2%	23,553	47.5%
45 to 54 years	66,835	48,797	73.0%	45,675	68.3%	24,986	54.7%
55 to 59 years	34,030	25,198	74.0%	23,906	70.2%	14,869	62.2%
60 to 64 years	29,689	24,818	83.6%	23,694	79.8%	16,501	69.6%
65 to 74 years	37,530	36,060	96.1%	34,773	92.7%	27,294	78.5%
75 to 84 years	16,494	14,032	85.1%	13,509	81.9%	10,722	79.4%
85 years and over	8,304	5,795	69.8%	5,492	66.1%	4,116	74.9%
Grand Total	594,548	355,857		327,888		168,208	51.3%

CDC UPDATES

CDC UPDATES

CHANGE IN GUIDANCE

- Focus on preventing instances of severe COVID-19
- Guidelines are now the same for those who are and are not up to date with vaccination
- No longer recommended:
 - Quarantining if exposed to COVID-19
 - Screening testing of asymptomatic people without known exposures
- Key points:
 - Individuals should know their own risk, using COVID-19 Community Levels to help inform actions
 - Individuals should utilize available prevention and management tools (e.g. vaccination, preexposure prophylaxis, antivirals/medications to treat COVID-19)
 - Those who have COVID should isolate for 5 days and mask for 10 days
 - Those exposed to COVID should mask for 10 days and get tested on day 5

CDC UPDATES

VACCINES

CDC Recommends the First Updated COVID-19 Booster

What You Need to Know

- CDC recommends everyone stay up to date with COVID-19 vaccination, including all primary series doses and boosters for their age group:
 - Ages 6 months through 4 years should get all COVID-19 primary series doses,
 - Ages 5 years and older should get all primary series doses, and updated COVID-19 boosters if eligible.
- For people ages 12 years and older, the only authorized mRNA booster is the updated (bivalent) booster. People ages 12 years and older can no longer get the original (monovalent) mRNA booster.

Booster Recommendations and Timings:

- For adults age 18+: Updated booster to be taken at least 2 months after completed primary series or last booster; can be Pfizer-BioNTech or Moderna
- For children ages 12-17: Updated booster to be taken at least 2 months after completed primary series or last booster; can only be Pfizer-BioNTech
- For children ages 5-11: Children who got a Pfizer-BioNTech primary series must also get the original (monovalent) Pfizer-BioNTech for a booster

[ACIP COVID-19 Vaccine Recommendations | CDC](#)

[COVID-19 Vaccine Booster Shots | CDC](#)

CDC UPDATES

VACCINES

COVID-19 Vaccination Recommendations for Children

CDC recommends COVID-19 vaccines for everyone ages 6 months and older, and boosters for everyone ages 5 years and older if eligible.

COVID-19 vaccines available for children include:

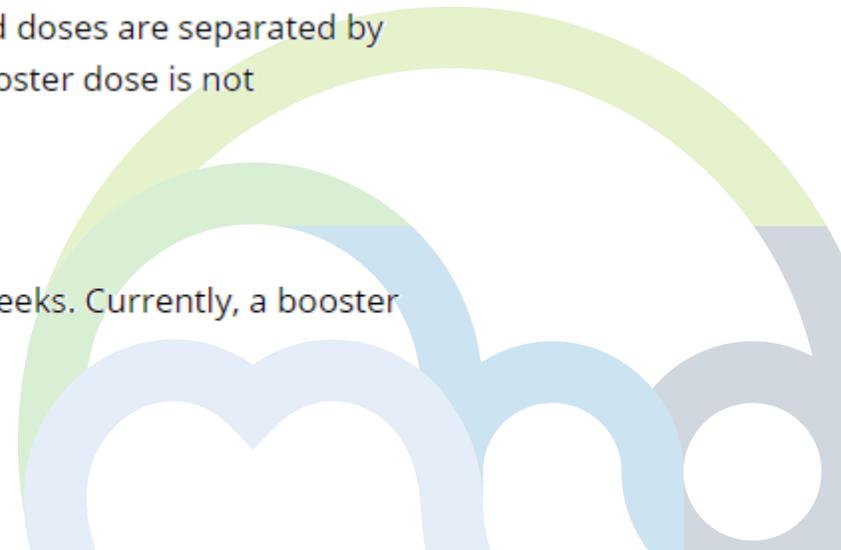
Pfizer-BioNTech COVID-19 Vaccine

- Children ages 6 months–4 years: Should receive a 3-dose primary series. The first and second doses are separated by 3–8 weeks and the second and third doses are separated by at least 8 weeks. Currently, a booster dose is not authorized for this age group.

Moderna COVID-19 Vaccine

- Children ages 6 months–5 years: Should receive a 2-dose primary series separated by 4–8 weeks. Currently, a booster dose is not authorized for children in this age group who receive a Moderna primary series.

[COVID-19 Vaccination for Children | CDC](#)



MASK GUIDANCE

CURRENT CDC GUIDANCE

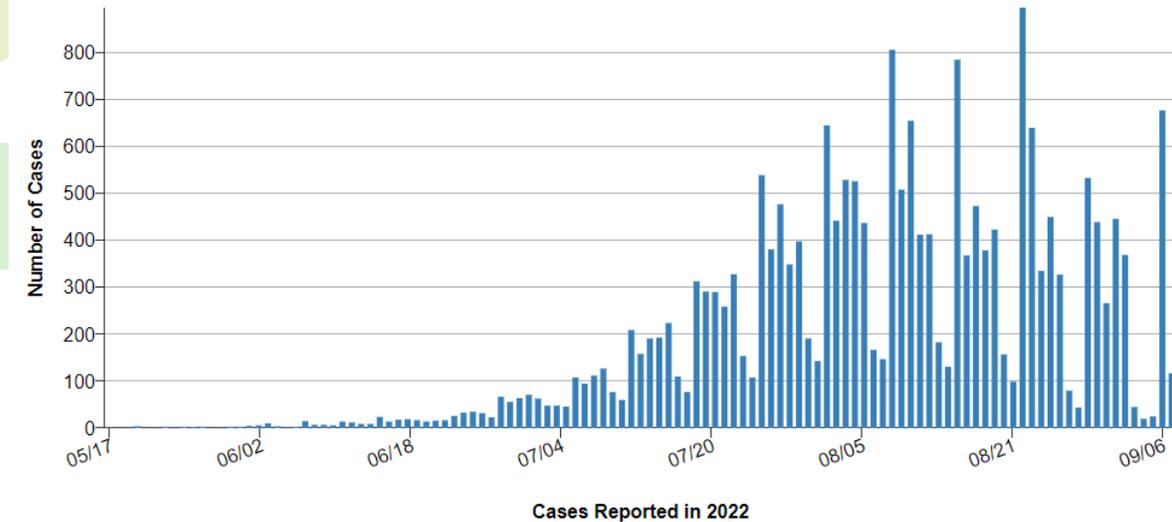
- In general, people do not need to wear masks when outdoors. Wear a mask if you are sick and need to be around others or are [caring for someone who has COVID-19](#).
- If the [COVID-19 Community Level](#) where you live is
 - Low
 - Wear a mask based on your personal preference, informed by your personal level of risk.
 - Medium
 - If you are at risk for [severe illness](#), talk to your healthcare provider about wearing masks indoors in public.
 - If you live with or will gather with someone at risk for severe illness, wear a mask when indoors with them.
 - High
 - If you are 2 or older, wear a well-fitting mask indoors in public, regardless of vaccination status or individual risk (including in K-12 schools and other community settings).

MONKEYPOX

CITY OF MILWAUKEE CASES

- First case identified July 8th, 2022
- July - 3 cases
- August - 23 cases
- September – 0 cases
- 56 total cases in Wisconsin
- Nationally cases are plateauing

U.S. Monkeypox Case Trends Reported to CDC



SYMPTOMS

- People with monkeypox get a rash that may be located on or near the genitals (penis, testicles, labia, and vagina) or anus (butthole) and could be on other areas like the hands, feet, chest, face, or mouth.
- The rash will go through several stages, including scabs, before healing.
- The rash can initially look like pimples or blisters and may be painful or itchy.

HOW IT SPREADS

- Monkeypox can spread to anyone through close, personal, often skin-to-skin contact, including:
- Direct contact with monkeypox rash, scabs, or body fluids from a person with monkeypox.
- Touching objects, fabrics (clothing, bedding, or towels), and surfaces that have been used by someone with monkeypox.
- Contact with respiratory secretions.

TREATMENT

ANTIVIRAL

- Monkeypox and smallpox viruses are genetically similar, which means that antiviral drugs and vaccines developed to protect against smallpox may be used to prevent and treat monkeypox virus infections.
- Antivirals, such as tecovirimat (TPOXX), may be recommended for people who are more likely to get severely ill, like patients with weakened immune systems.
- Most people with monkeypox recover fully within 2 to 4 weeks without the need for medical treatment.

TREATMENT

VACCINE: 1,215 JYNNEOS DOSES ADMINISTERED TO DATE

- Two vaccines may be used for the prevention of monkeypox disease:
 - JYNNEOS vaccine is approved for the prevention of monkeypox and smallpox disease.
 - ACAM2000 vaccine is approved for immunization against smallpox disease and made available for use against monkeypox under an Expanded Access Investigational New Drug (EA-IND) protocol.
- People can be vaccinated after exposure to monkeypox virus to help prevent monkeypox disease (i.e., post-exposure prophylaxis).

QUESTIONS?