

COVID UPDATE

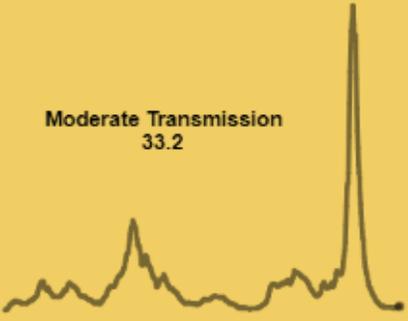
Kirsten Johnson, MPH, CPH
Commissioner of Health

PUBLIC SAFETY AND HEALTH COMMITTEE APRIL 8, 2022



CURRENT CASE BURDEN

KEY METRICS

<p>Key Indicator Statuses Updated on Tuesdays & Thursdays Last Updated: April 7, 2022</p>	<p>Return to Overview</p>
<p>Rate of COVID-19 cases per 100,000 over 7 days <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>Blue (Low Transmission): 0-9 Yellow (Moderate Transmission): 10-49 Orange (Substantial Transmission): 50-99 Red (High Transmission): 100-149 Purple (Extreme Transmission) ≥ 150</p>	 <p>Moderate Transmission 33.2</p>
<p>Percentage test positivity over previous 7 days <i>Total number of positive PCR tests divided by the total number of positive and negative PCR tests for City of Milwaukee residents during the last 7 days.</i></p> <p>Blue (Low Transmission): <5% Yellow (Moderate Transmission): 5.0% - 7.9% Orange (Substantial Transmission): 8.0% - 9.9% Red (High Transmission): 10.0% - 11.9% Purple (Extreme Transmission) ≥ 12%</p>	 <p>Low Transmission 2.5%</p>
<p>City of Milwaukee Adult Vaccination Rate <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>64.1%</p>

*Note that these metrics are preliminary and may be improved based on best practices for the City of Milwaukee

*Metrics exclude last 4 days of data due to delays in reporting.

Moving Milwaukee Forward Safely

Gating Metric Review February 3-April 7



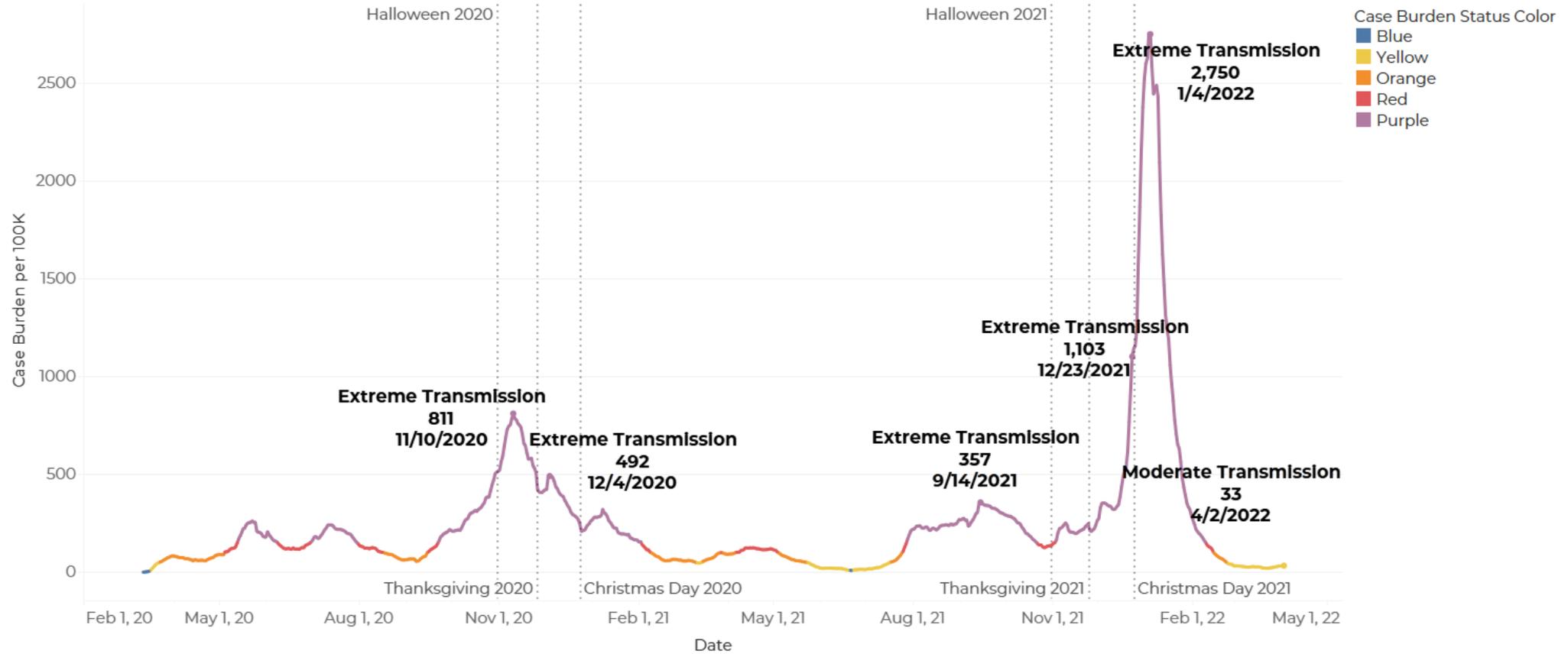
Metric	Status – Feb. 3	Status – Feb. 10	Status – Feb. 17	Status – Feb. 24	Status – Mar. 3	Status – Mar. 10	Status – Mar. 17	Status – Mar. 24	Status – Mar. 31	Status – Apr. 7
	This metric determines current disease burden. Increased burden increases rates of transmission									
Rate of COVID-19 cases per 100,000 over 7 days	Purple Extreme Transmission 336.5	Purple Extreme Transmission 200.3	Red High Transmission 128.9	Orange Substantial Transmission 71.5	Yellow Moderate Transmission 41.2	Yellow Moderate Transmission 29.7	Yellow Moderate Transmission 27.8	Yellow Moderate Transmission 21.9	Yellow Moderate Transmission 24.4	Yellow Moderate Transmission 33.2
	This metric determines percent positivity. Percent positivity indicates test availability and transmission trends									
Percentage test positivity over 7 days	Purple Extreme Transmission 13.0%	Orange Substantial Transmission 9.0%	Yellow Moderate Transmission 6.3%	Blue Low Transmission 4.4%	Blue Low Transmission 2.7%	Blue Low Transmission 2.0%	Blue Low Transmission 1.9%	Blue Low Transmission 1.6%	Blue Low Transmission 1.8%	Blue Low Transmission 2.5%
	Vaccination rate is calculated based on the City of Milwaukee's adult population (individuals 16 or older)									
City Adult Vaccination Rate	62.3%	62.6%	62.9%	63.2%	63.4%	63.6%	63.7%	63.9%	64.0%	64.1%

Data Source: Wisconsin Immunization Registry (WIR) and Wisconsin Electronic Disease Surveillance System (WEDSS)

The metrics used to determine re-opening phases was updated on 3/18/2021 based on CDC guidance (<https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html>) and best practices for Milwaukee

CURRENT CASE BURDEN

7 Day Case Burden (with color)



*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: 4/7/2022 11:59:08 AM

Milwaukee MSD Jones Island

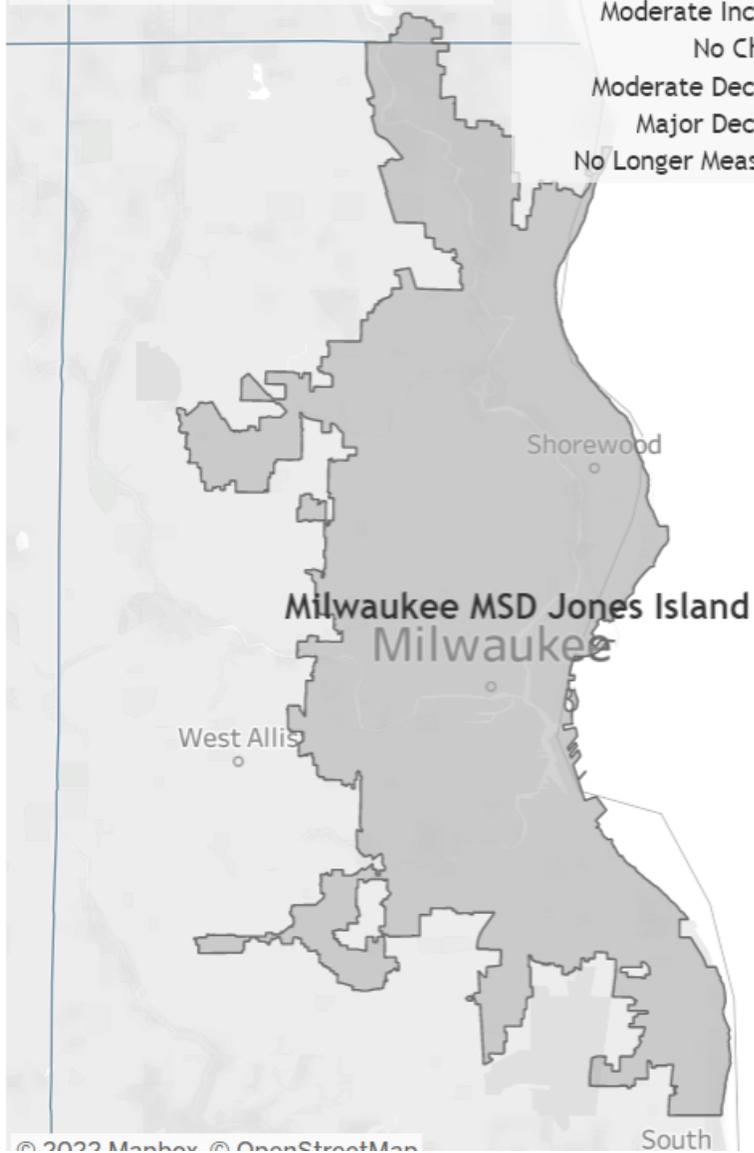


SARS-CoV-2 Concentration:
No Change
from 3/16/22 to 3/30/22



COVID-19 Case Trajectory:
No Significant Change
from 3/21/22 to 4/5/22

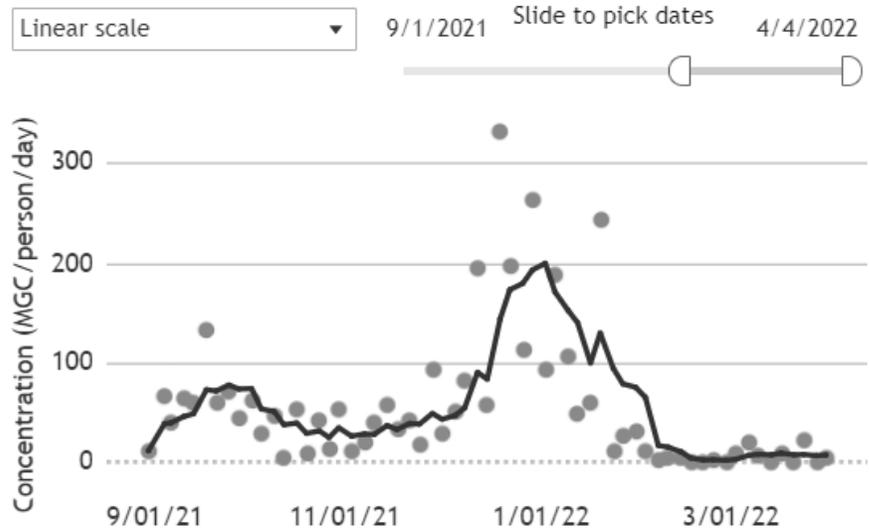
Estimated Population Served: 470,007



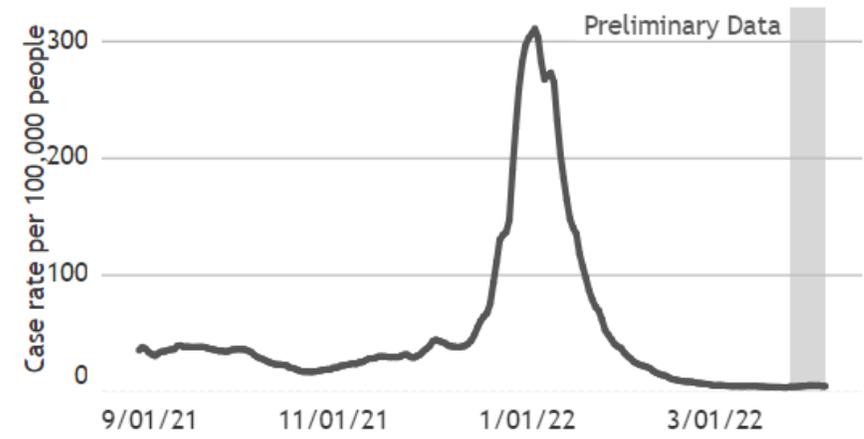
- Major Increase
- Moderate Increase
- No Change
- Moderate Decrease
- Major Decrease
- No Longer Measuring



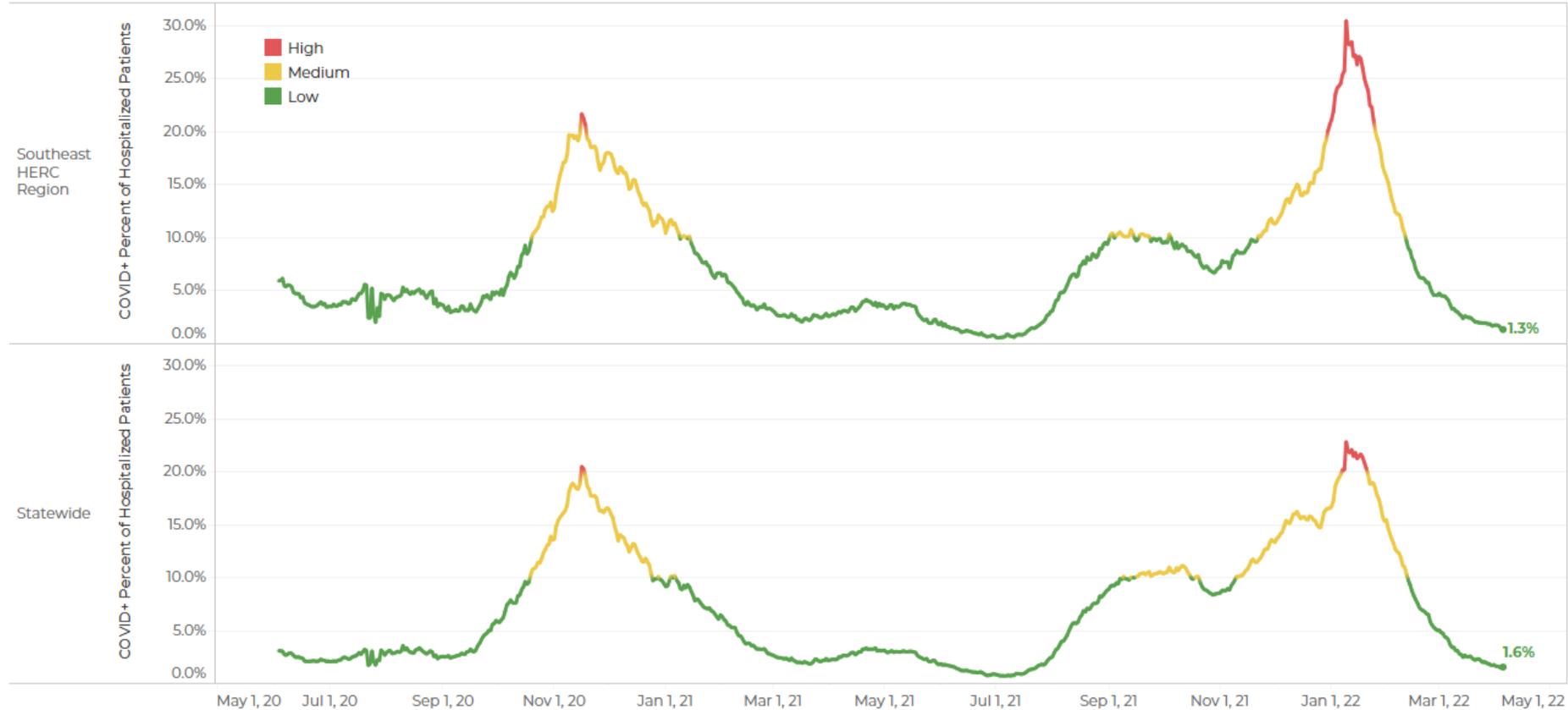
Wastewater Concentration of SARS-CoV-2 in Milwaukee MSD Jones Island



7-day Average Case Rate of COVID-19 within Milwaukee MSD Jones Island Sewershed

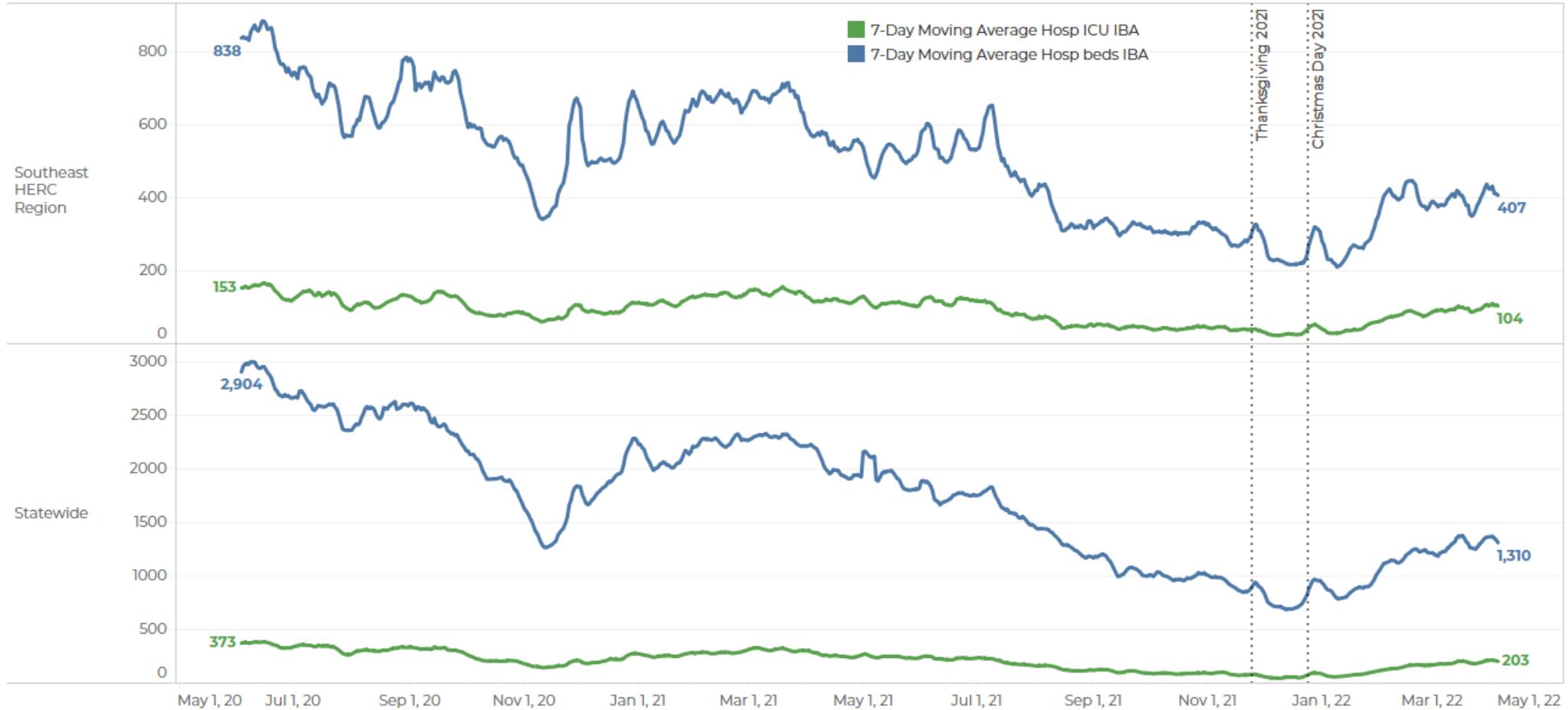


PERCENT OF HOSPITALIZED PATIENTS WITH COVID-19



Data Source: EMResource via DHS
Last Updated: 4/6/2022

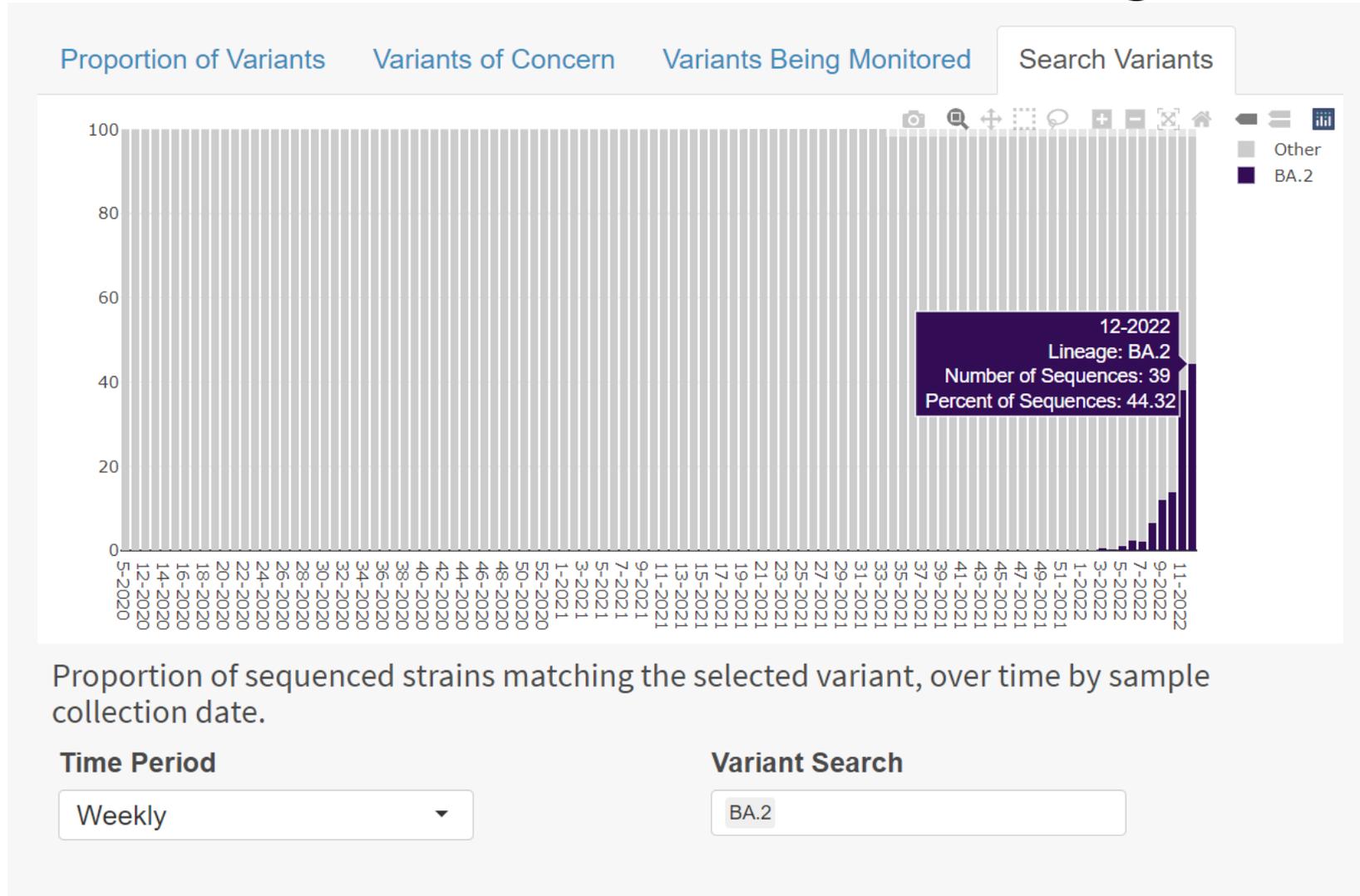
HOSPITAL BED AVAILABILITY



Data Source: EMResource via DHS
Last Updated: 4/6/2022

VARIANTS IN WI

- Omicron sub-variant BA.2 cases are increasing



VACCINATIONS

VACCINE UPDATE

- 64.1% of Milwaukee adult residents (16+) fully vaccinated
- 54.1% of Milwaukee residents (5+) fully vaccinated
- 47.3% of Milwaukee residents (5+) fully vaccinated and boosted



DEMOGRAPHIC TABLE

Vaccinated City of Milwaukee Residents By Race/Ethnicity							
Race/Ethnicity	2019 ACS Population Estimate	At Least 1 Dose	Percent Population with At Least One Dose	Fully Vaccinated	Fully Vaccinated Percentage of Race/Ethnic Group	Boosted Individuals	Percent of Fully Vaccinated with Booster
Black or African-American	227,829	103,549	45.5%	93,014	40.8%	37,960	40.8%
Hispanic or Latino	112,817	68,054	60.3%	61,659	54.7%	22,870	37.1%
Other Race	17,258	15,259	88.4%	13,864	80.3%	5,699	41.1%
American Indian or Alaska Native	2,763	2,130	77.1%	1,963	71.0%	893	45.5%
White	208,521	125,548	60.2%	119,336	57.2%	72,913	61.1%
Asian or Pacific Islander	25,360	20,175	79.6%	18,544	73.1%	7,037	37.9%
Unknown		12,807		10,704		3,611	33.7%
Grand Total	594,548	347,522		319,084		150,983	47.3%

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	Fully Vaccinated Percent of Age Group Population	Boosted Individuals	Percent of Fully Vaccinated with Booster
5 to 11 years	61,519	14,307	23.3%	11,547	18.8%	6	0.1%
12 to 15 years	32,878	16,996	51.7%	15,204	46.2%	3,376	22.2%
16 to 19 years	36,222	18,108	50.0%	16,142	44.6%	4,467	27.7%
20 to 24 years	50,576	29,167	57.7%	25,831	51.1%	8,295	32.1%
25 to 34 years	101,565	62,953	62.0%	56,732	55.9%	22,377	39.4%
35 to 44 years	74,841	52,767	70.5%	48,556	64.9%	21,499	44.3%
45 to 54 years	66,835	48,255	72.2%	45,049	67.4%	22,683	50.4%
55 to 59 years	34,030	24,972	73.4%	23,595	69.3%	13,598	57.6%
60 to 64 years	29,689	24,672	83.1%	23,444	79.0%	15,248	65.0%
65 to 74 years	37,530	35,789	95.4%	34,350	91.5%	25,679	74.8%
75 to 84 years	16,494	13,819	83.8%	13,230	80.2%	10,022	75.8%
85 years and over	8,304	5,696	68.6%	5,386	64.9%	3,730	69.3%
Grand Total	594,548	347,522		319,084		150,983	47.3%

Data Source: Wisconsin Immunization Registry (WIR) via DHS
Last Updated: 4/6/2022

CDC UPDATES

CDC UPDATES

VACCINES

- New Vaccine Eligibility

1. 2nd booster dose for 50+ and immunocompromised
 1. Four months after first booster
2. Pfizer and Moderna booster at least 5 months after primary series completion



CDC UPDATES

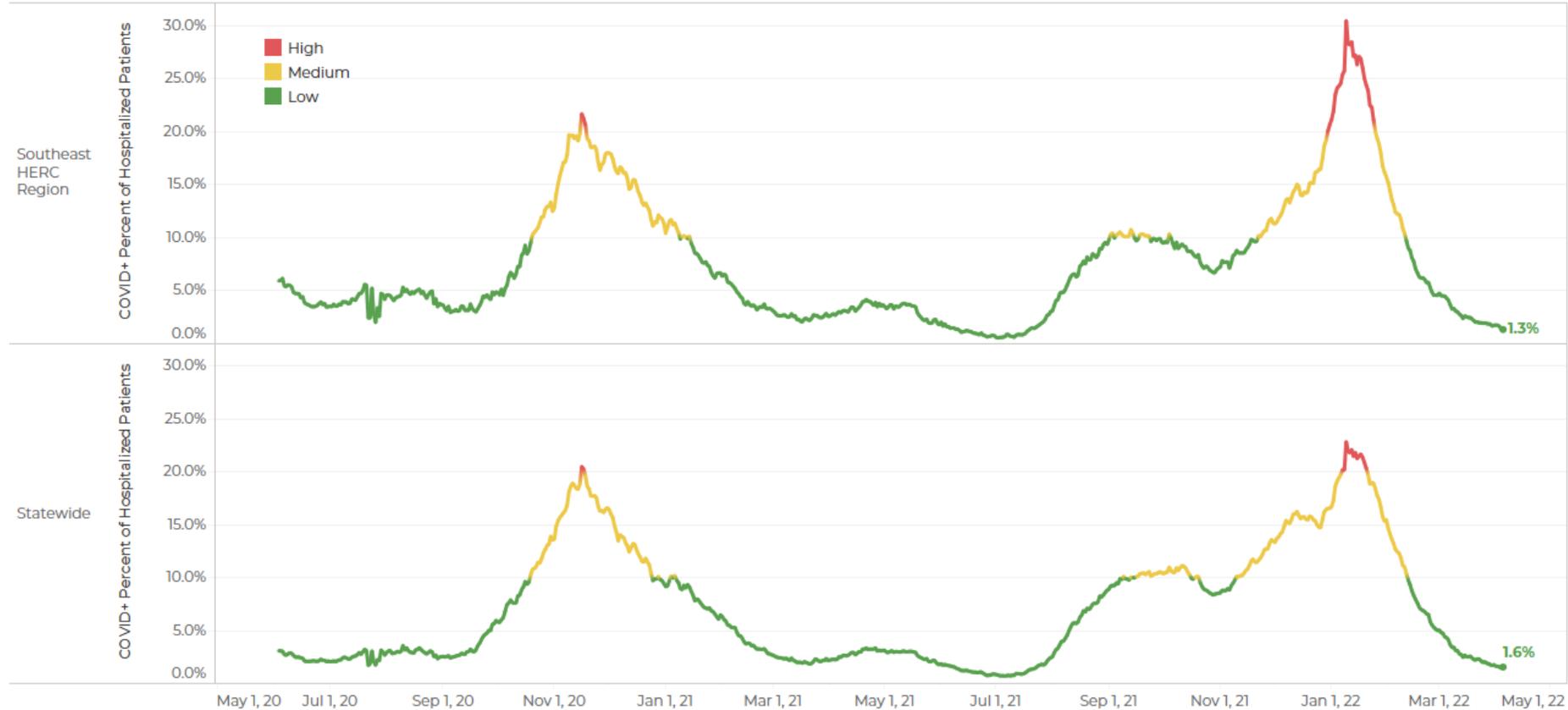
COMMUNITY LEVELS

COVID-19 Community Levels | Use the Highest Level that Applies to Your Community

New COVID-19 Cases per 100,000 people in the last 7 days	Indicators	Level		
		LOW	MEDIUM	HIGH
FEWER THAN 200	New COVID-19 admissions per 100,000 population (7-day total)	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0%	10.0-14.9%	≥15.0%
200 OR MORE	New COVID-19 admissions per 100,000 population (7-day total)	NA	<10.0	≥10.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	NA	<10.0%	≥10.0%

The COVID-19 Community Level is determined by the higher of the new admissions and inpatient beds metrics, based on the current level of new cases.

PERCENT OF HOSPITALIZED PATIENTS WITH COVID-19



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QUESTIONS?