

CITY OF MILWAUKEE HEALTH DEPARTMENT COVID UPDATE

KIRSTEN JOHNSON, MPH, CPH, CHES
COMMISSIONER OF HEALTH

PUBLIC SAFETY & HEALTH COMMITTEE | SEPTEMBER 2021



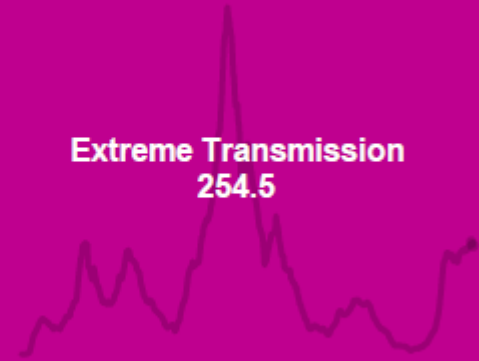
Key Indicator Statuses
Updated on Tuesdays & Thursdays
Last Updated: September 9, 2021

[Return to Overview](#)

Rate of COVID-19 cases per 100,000 over 7 days

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.

Blue (Low Transmission): 0-9
Yellow (Moderate Transmission): 10-49
Orange (Substantial Transmission): 50-99
Red (High Transmission): 100-149
Purple (Extreme Transmission) \geq 150



Percentage test positivity over previous 7 days

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.

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): \geq 12%



City of Milwaukee Adult Vaccination Rate

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.



COVID-19 DASHBOARD



Moving Milwaukee Forward Safely

Gating Metric Review July 8-September 9



Metric	Status – July 8	Status – July 15	Status – July 22	Status – July 29	Status – August 5	Status – August 12	Status – August 19	Status – August 26	Status – September 2	Status – September 9
This metric determines current disease burden. Increased burden increases rates of transmission										
Rate of COVID-19 cases per 100,000 over 7 days	Yellow Moderate Transmission 16.9	Yellow Moderate Transmission 25.9	Orange Substantial Transmission 50.7	Orange Substantial Transmission 95.4	Purple Extreme Transmission 218.4	Purple Extreme Transmission 232.5	Purple Extreme Transmission 224.5	Purple Extreme Transmission 227.2	Purple Extreme Transmission 247.4	Purple Extreme Transmission 254.5
This metric determines percent positivity. Percent positivity indicates test availability and transmission trends										
Percentage test positivity over 7 days	Blue Low Transmission 2.0%	Blue Low Transmission 3.1%	Yellow Moderate Transmission 5.0%	Yellow Moderate Transmission 7.5%	Red High Transmission 10.9%	Red High Transmission 10.4%	Orange Substantial Transmission 9.7%	Orange Substantial Transmission 9.2%	Orange Substantial Transmission 9.4%	Orange Substantial Transmission 9.6%
Vaccination rate is calculated based on the City of Milwaukee's adult population (individuals 16 or older)										
City Adult Vaccination Rate	48.9%	49.5%	50.0%	50.5%	51.0%	51.5%	52.0%	52.7%	53.4%	54.1%

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

COVID-19 Wastewater Surveillance in Wisconsin

Date Updated: 9/8/2021

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

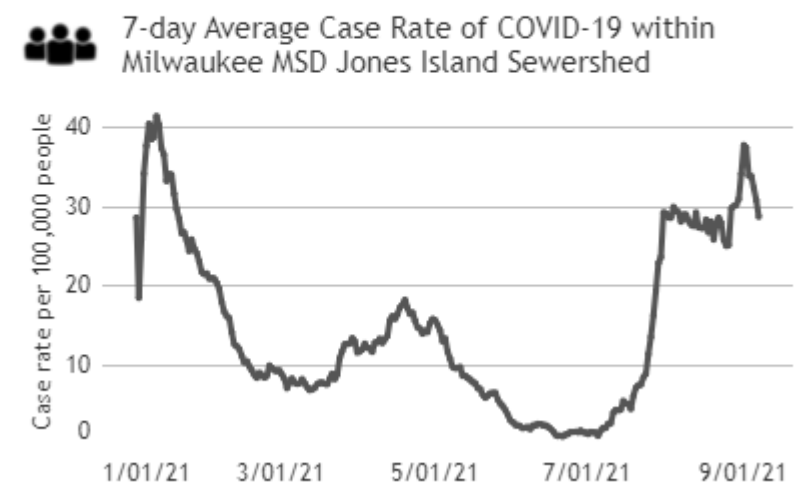
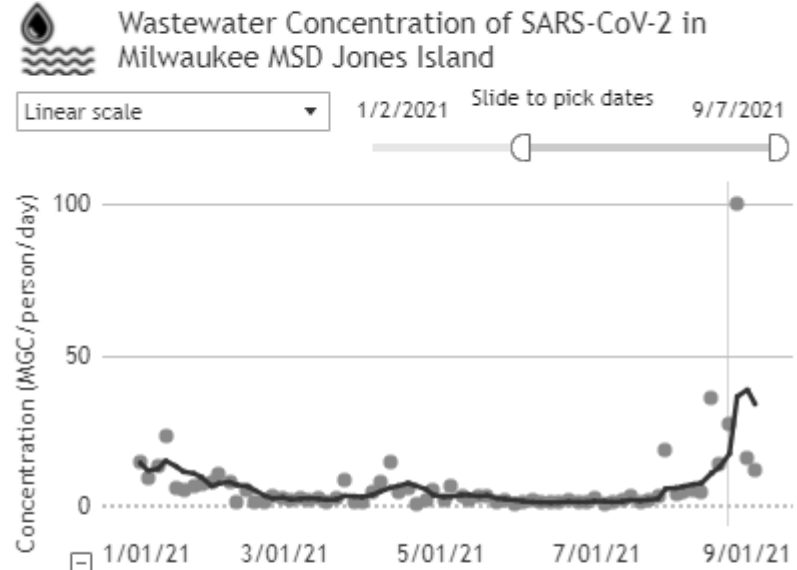
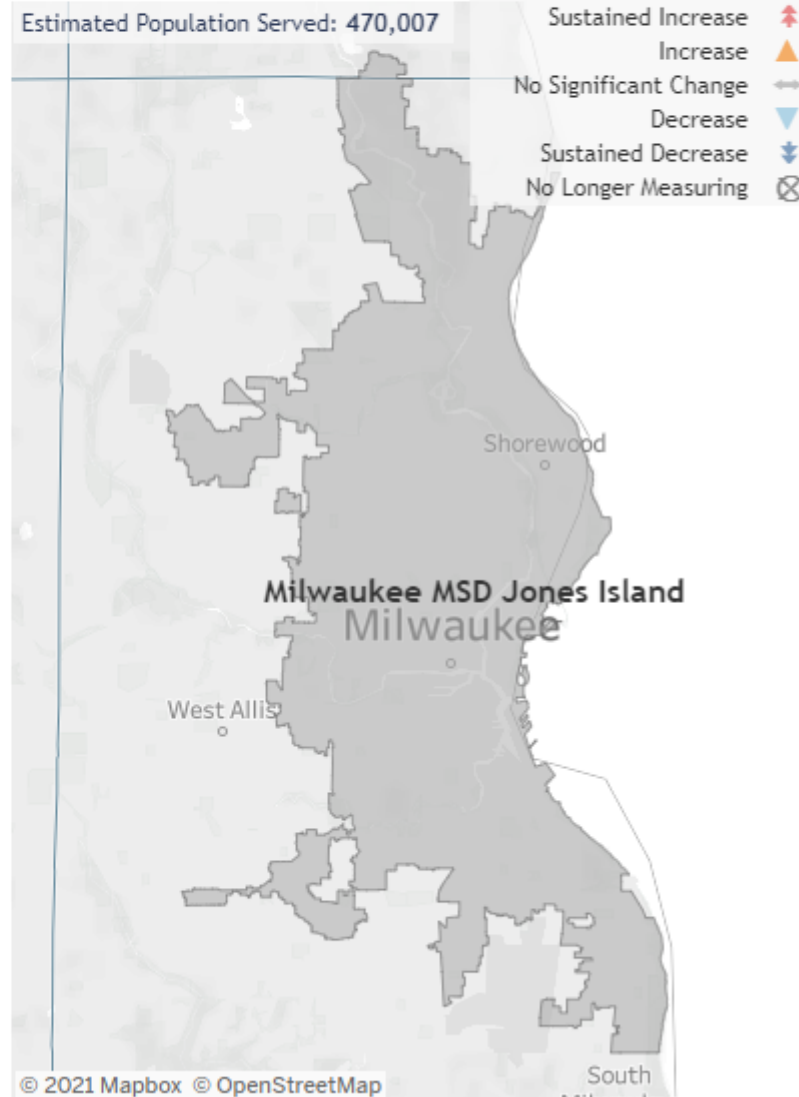
- La Crosse WWTP
- Lac du Flambeau T..
- Lake Geneva WWTP
- Lodi WWTF
- Madison MSD WWTF
- Manitowoc WWTF
- Marinette Wastewa..
- Marshfield WWTF
- Mauston WWTF
- Menomonie WWTF
- Merrill WWTP
- Milwaukee MSD Jon..**
- Milwaukee MSD Sou..
- Monroe WWTF
- New Richmond WW..
- Oconomowoc WWTP
- Oshkosh WWTP
- Peshtigo WWTF
- Platteville WWTF
- Plymouth Utilities ..
- Portage WWTF
- Racine Wastewater..
- Rhineland WWTP
- Rib Lake WWTF

**Milwaukee MSD
Jones Island**



SARS-CoV-2 Concentration:
No Significant Change
from 8/18/21 to 9/1/21

COVID-19 Case Trajectory:
Decrease
from 8/24/21 to 9/8/21



VACCINE

City of Milwaukee

- 54.1% Adults Fully Vaccinated
- 59.7% Adults Single Dose

- 35.5% 12-15 Year Olds with at least one dose

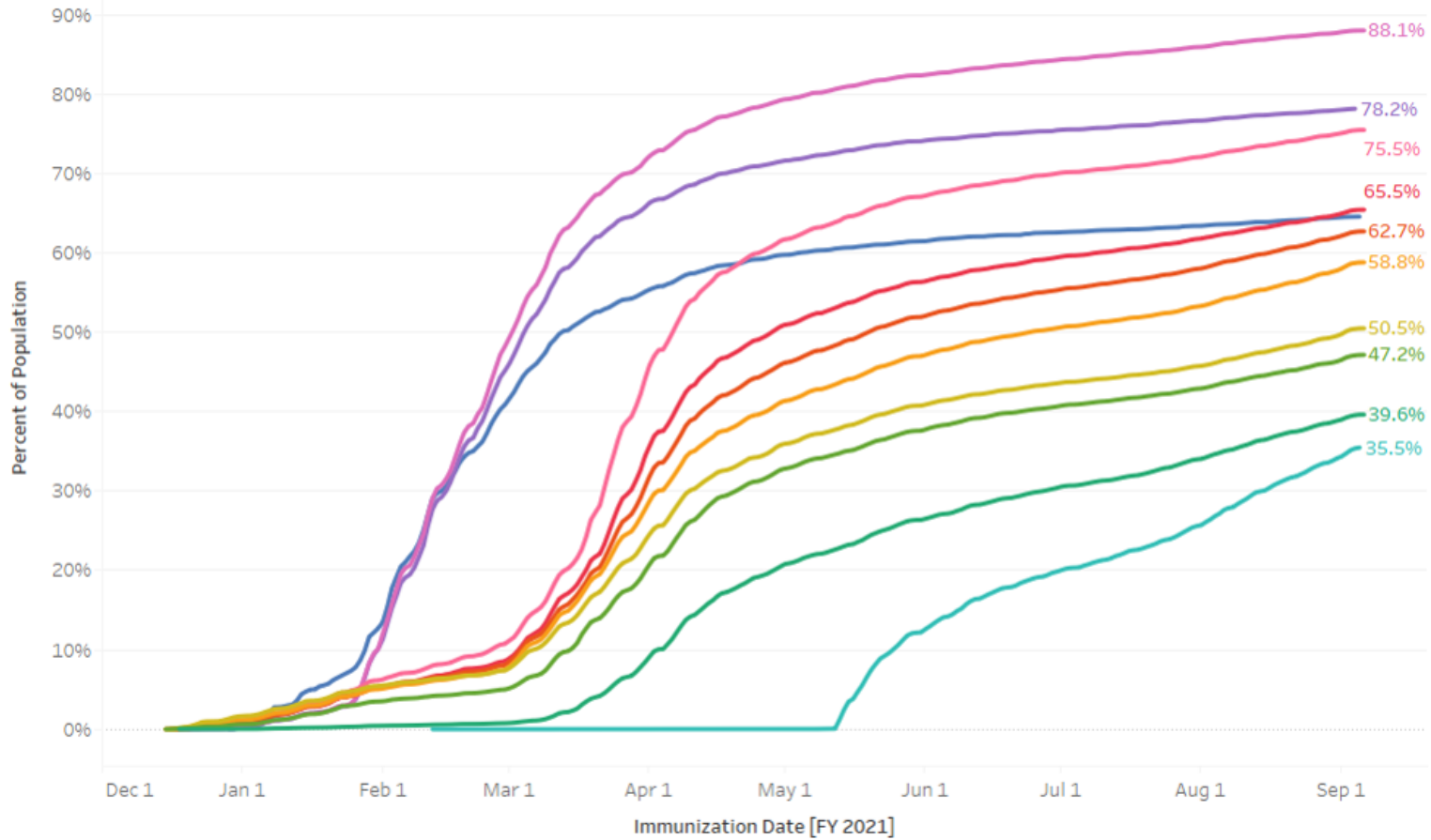
- \$100 Incentive extended to September 19th
- City incentive forthcoming



COVID-19 VACCINATIONS

Vaccination Trends Over Time By Age Group

Percent of City of Milwaukee Residents with One or More Vaccination Doses
By Age Group



Age Group

12 to 15 years

16 to 19 years

20 to 24 years

25 to 34 years

35 to 44 years

45 to 54 years

55 to 59 years

60 to 64 years

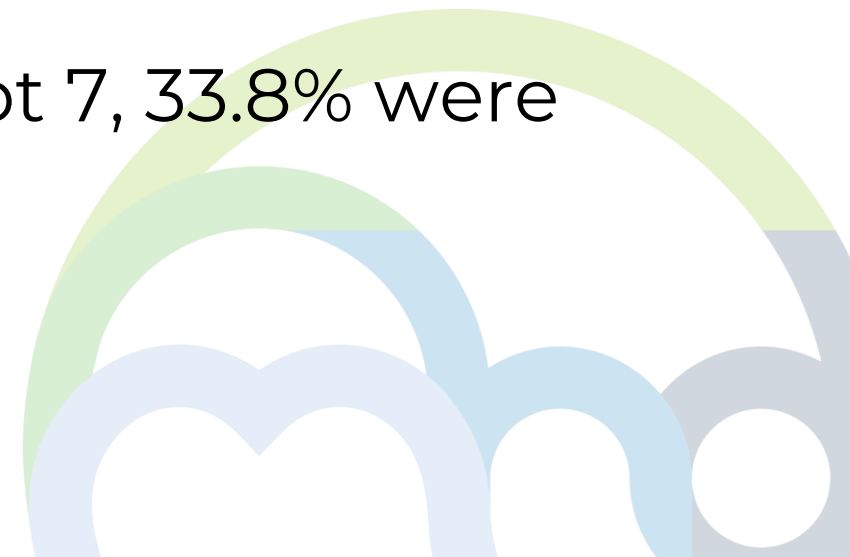
65 to 74 years

75 to 84 years

85 years and over

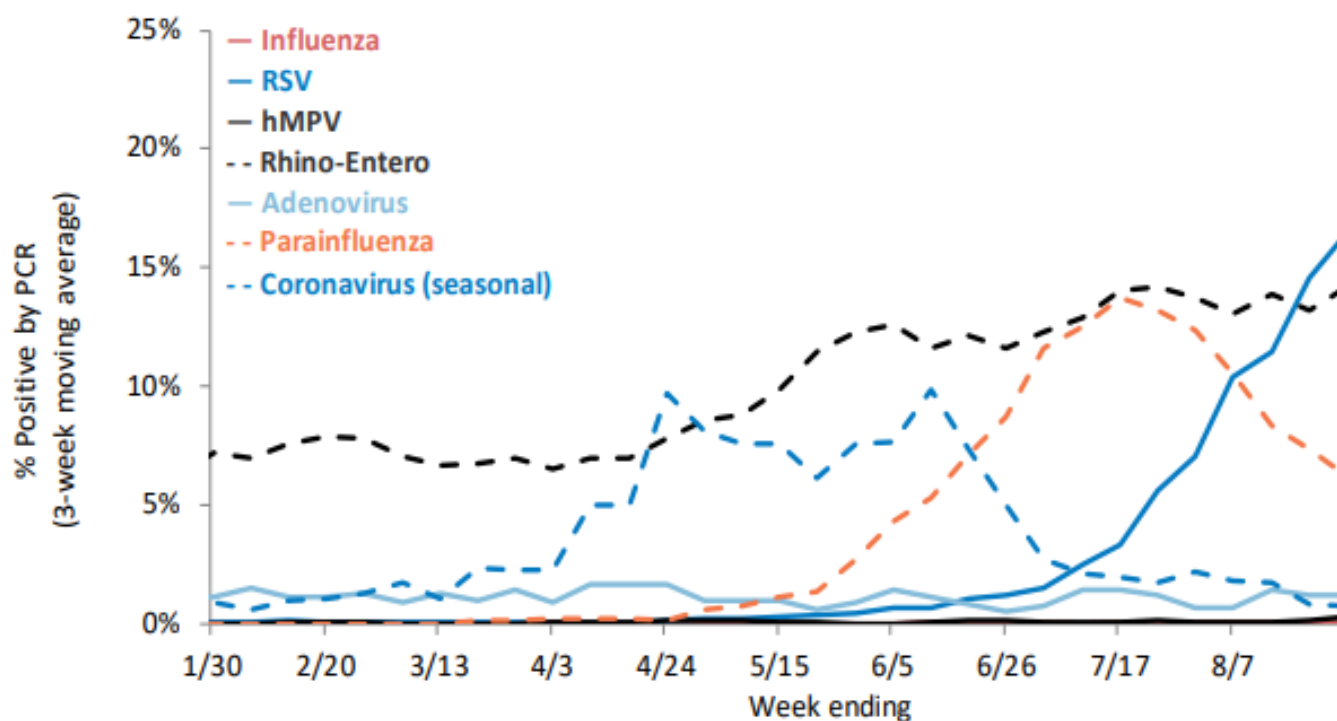
COVID IN MKE CHILDREN

- CHW not currently seeing significant increase in hospitalizations DUE to COVID.
- Increase in the number of children testing positive.
- Dramatic increase in hospitalizations DUE to other respiratory viruses, including RSV
- Of total number of cases from Sept 1- Sept 7, 33.8% were children 18 and under.

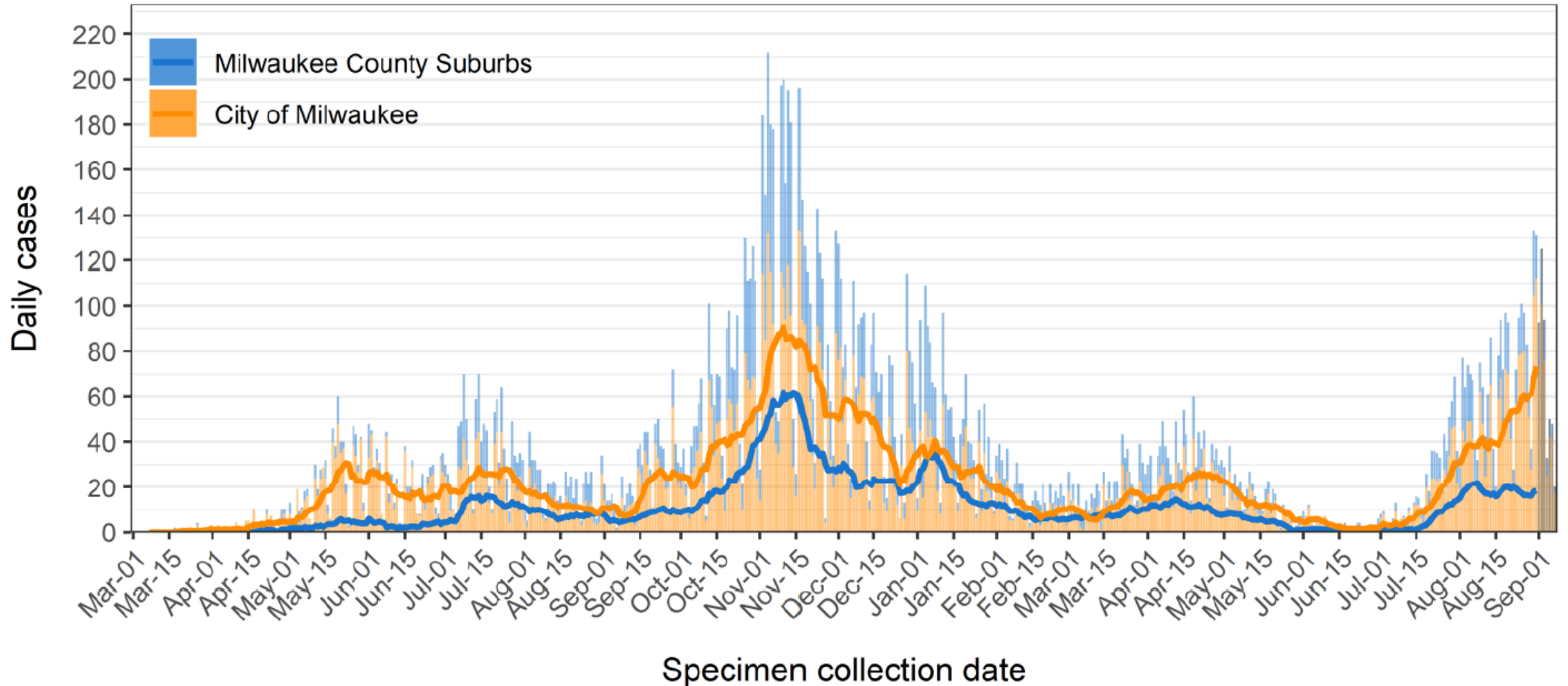


WISCONSIN LABORATORY SURVEILLANCE FOR RESPIRATORY VIRUSES BY PCR

Trends in respiratory virus activity by PCR



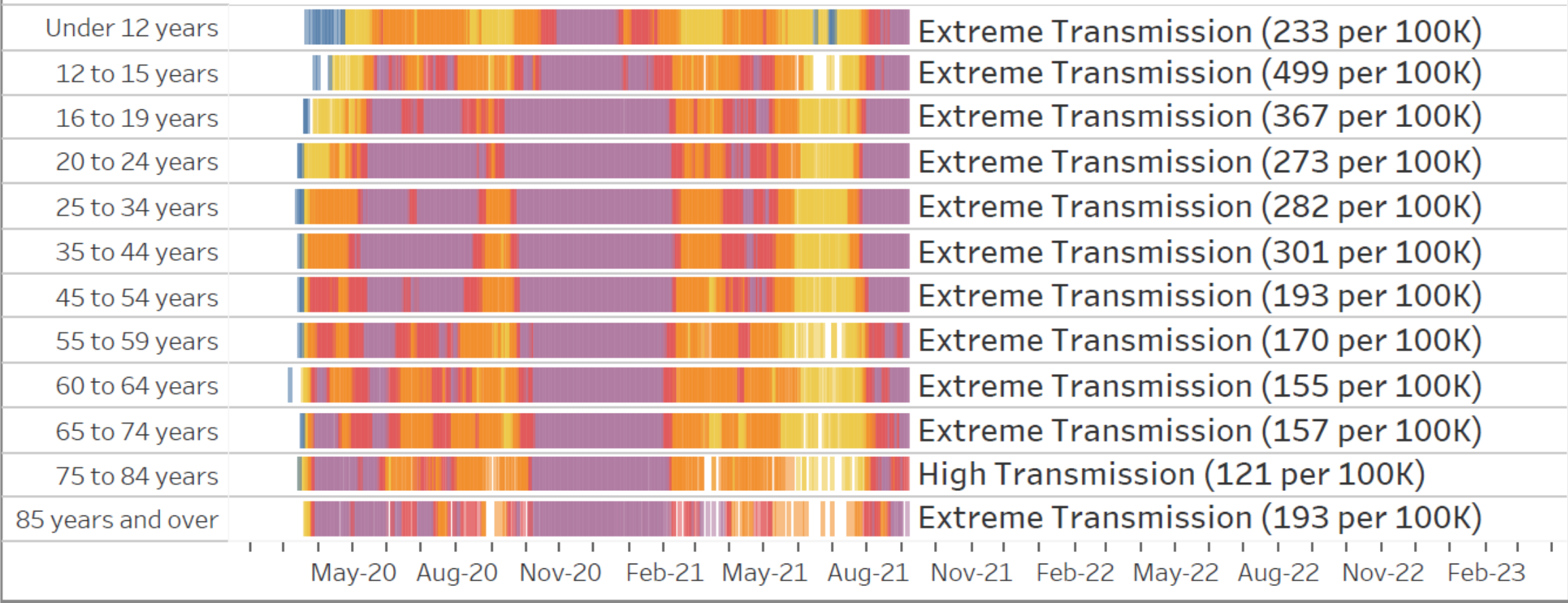
DAILY CASES IN MKE COUNTY UNDER 18



Key Indicator Statuses by Age Group

Last Updated: September 9, 2021

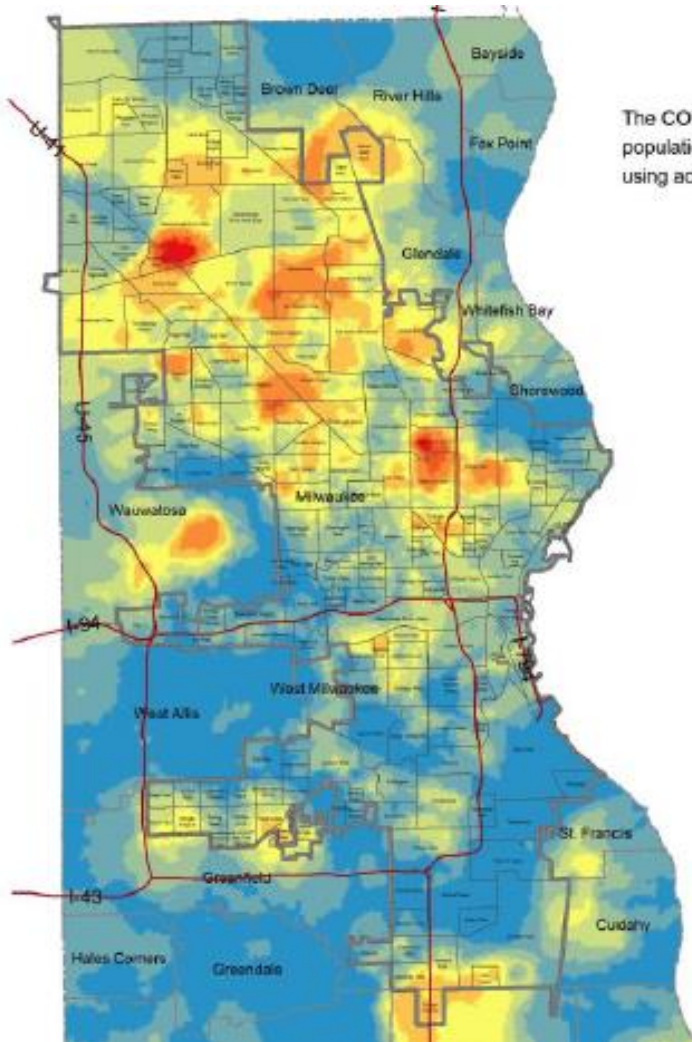
7-Day Case Burden by Age Group



7-Day Test Positivity by Age Group

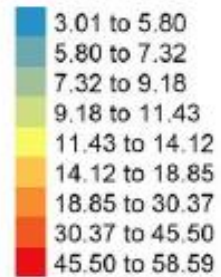
Age Group (with 12-15 year olds)	Number of Tests	Age Group Population..	Tests per 100K	
Under 12 years	2,237	105,584	2,119	High Transmission (11.8%)
12 to 15 years	883	32,878	2,686	Extreme Transmission (20.4%)
16 to 19 years	1,019	36,222	2,813	Extreme Transmission (13.4%)
20 to 24 years	1,448	50,576	2,863	Substantial Transmission (9.7%)
25 to 34 years	3,191	101,565	3,142	Substantial Transmission (9.9%)
35 to 44 years	2,468	74,841	3,298	Substantial Transmission (10.0%)
45 to 54 years	1,788	66,835	2,675	Moderate Transmission (7.8%)
55 to 59 years	918	34,030	2,698	Moderate Transmission (7.0%)
60 to 64 years	830	29,689	2,796	Moderate Transmission (5.5%)
65 to 74 years	1,064	37,530	2,835	Moderate Transmission (5.5%)
75 to 84 years	513	16,494	3,110	Low Transmission (2.9%)
85 years and over	403	8,304	4,853	Low Transmission (1.0%)

CONFIRMED CASES OF COVID-19 CHILDREN AGED 0-17, AUG 11 – SEPT 7

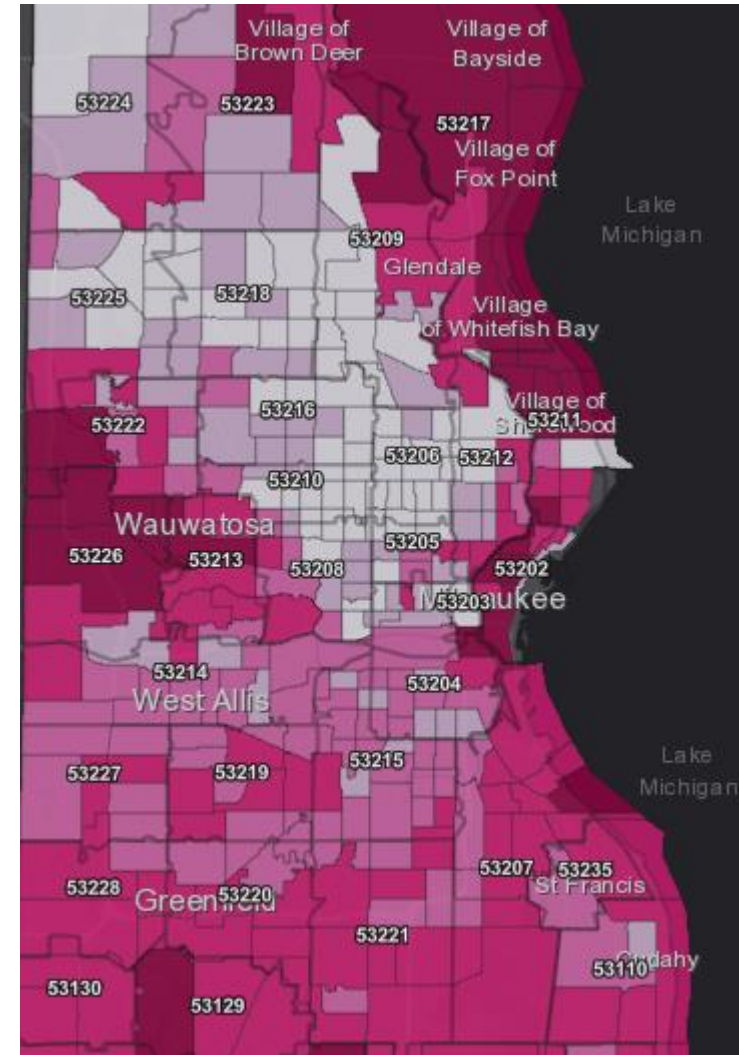


The COVID-19 incidence rate is population standardized and smoothed using adaptive spatial filtering.

Cases Per 1000 People



- Interstate Highway
- Neighborhood
- Census Place
- City Limit of Milwaukee



QUESTIONS?