



# CITY OF MILWAUKEE HEALTH DEPARTMENT

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## Milwaukee Respiratory Illness Update MMWR Week 7, Ending February 18, 2023

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### Overview

#### County

- There was one case of influenza-associated hospitalization reported in Milwaukee County during the week ending in February 18, 2023. From October 1, 2022 through February 18, 2023, there have been 693 reported influenza-associated hospitalizations in Milwaukee County (503 City of Milwaukee residents).

#### State

- Influenza-like illness (ILI) levels continued to remain below baseline both statewide and in the southeastern region of the state.
- Outpatient ILI activity and the percent positive influenza lab tests continue to decline in Wisconsin.
- Rhinovirus/enterovirus is the predominant virus for this week.
- Human metapneumovirus activity is increasing in Wisconsin.

#### National

- 4 states/jurisdictions experienced moderate ILI activity and 4 experienced high ILI activity. Wisconsin had minimal ILI activity in outpatient visits.
- 4 influenza-associated pediatric deaths were reported during this week.
- The predominant influenza type is influenza A(H3N2).

#### Influenza Vaccine Composition 2022-2023 Influenza Season

All standard-dose flu shots will be quadrivalent (no trivalent standard-dose flu shots will be available this season). The quadrivalent vaccines for use in the 2022-2023 influenza season contain the following:

- an A/Victoria/2570/2019 (H1N1)pdm09-like virus;
- an A/Darwin/9/2021 (H3N2)-like virus;
- a B/Austria/1359417/2021-like virus (B/Victoria lineage); and
- a B/Phuket/3073/2013-like virus (B/Yamagata lineage)

#### CDC Pediatric Data (Since Week 40)

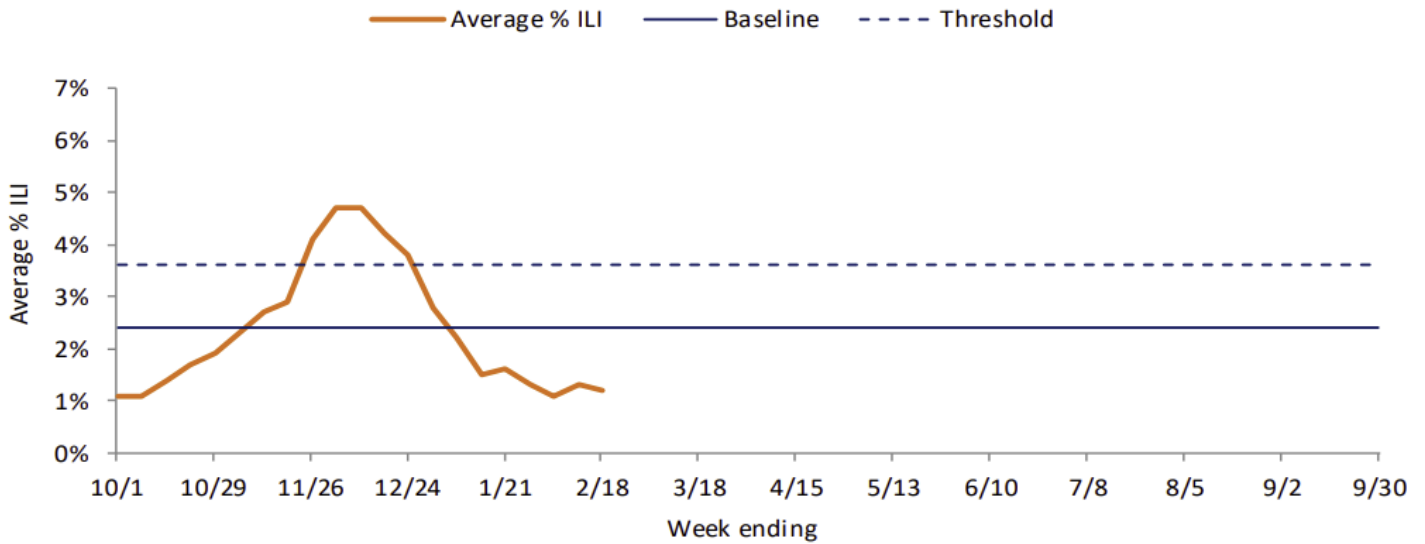
2022-23 To Date: Total Deaths	2021-22 To Date: Total Deaths	Pediatric Deaths Reported this Week	Notes on Deaths	Unusual Pediatric Hospitalizations
115	45	4	All four deaths were associated with influenza A viruses. One of the influenza A viruses had subtyping performed; it was an A(H1N1) virus.	-

# Statewide and Regional Influenza Activity

Influenza-like illness levels were below baseline statewide and in the southeastern region of the state.

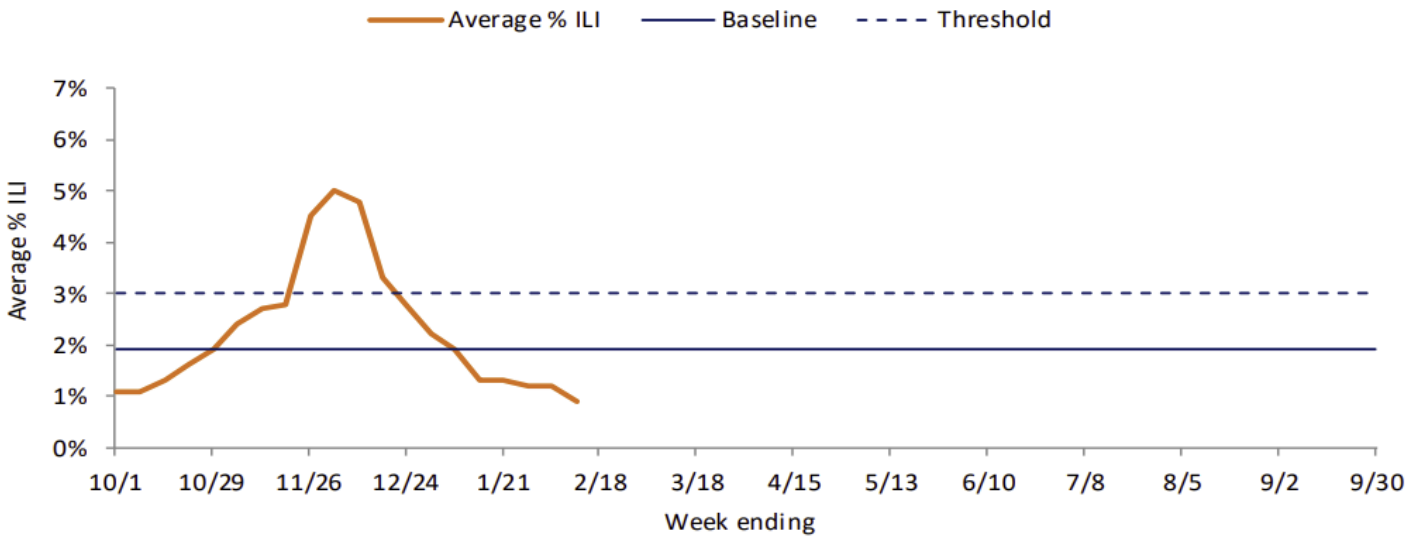
## Statewide Influenza-Like Illness Activity

### Wisconsin



## Southeastern Region Influenza-Like Illness Activity

### Southeastern Region



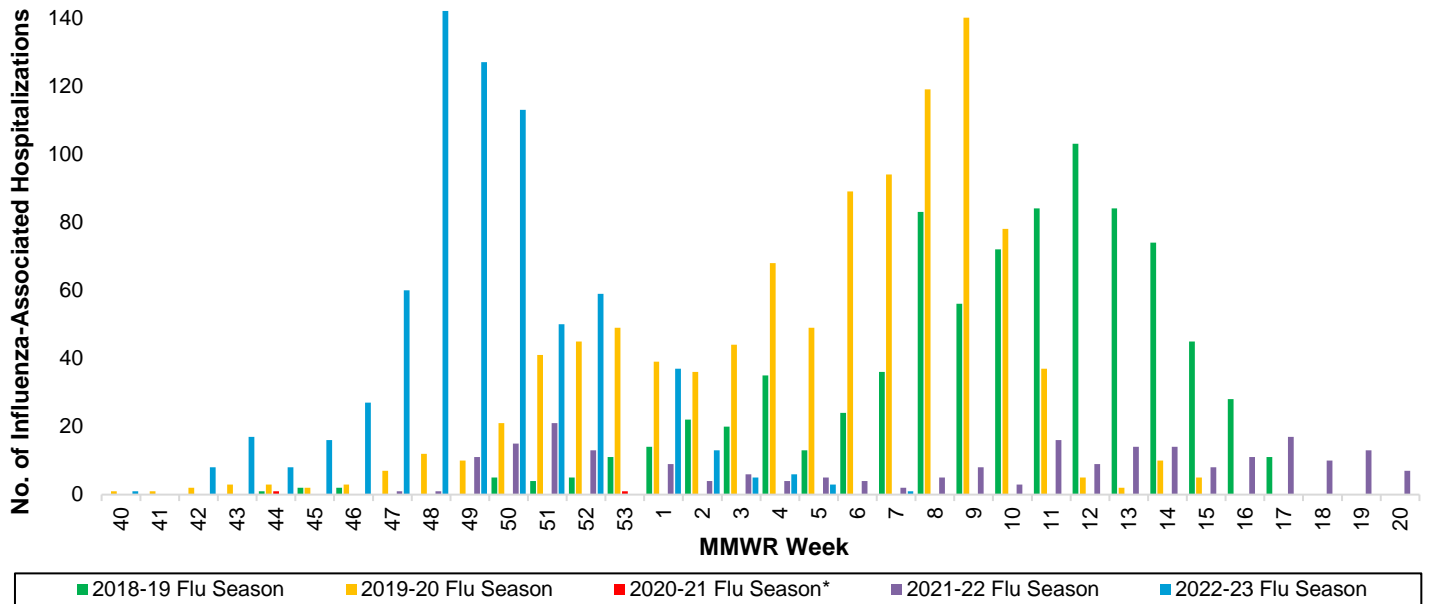
[Wisconsin Department of Health Services Respiratory Virus Surveillance Report](#), February 18, 2023

# Milwaukee County Influenza Activity

From October 1, 2022 through February 18, 2023 there have been 693 reported influenza-associated hospitalizations in Milwaukee County. Statewide hospitalization data are not yet available.

## Milwaukee County Influenza-Associated Hospitalizations

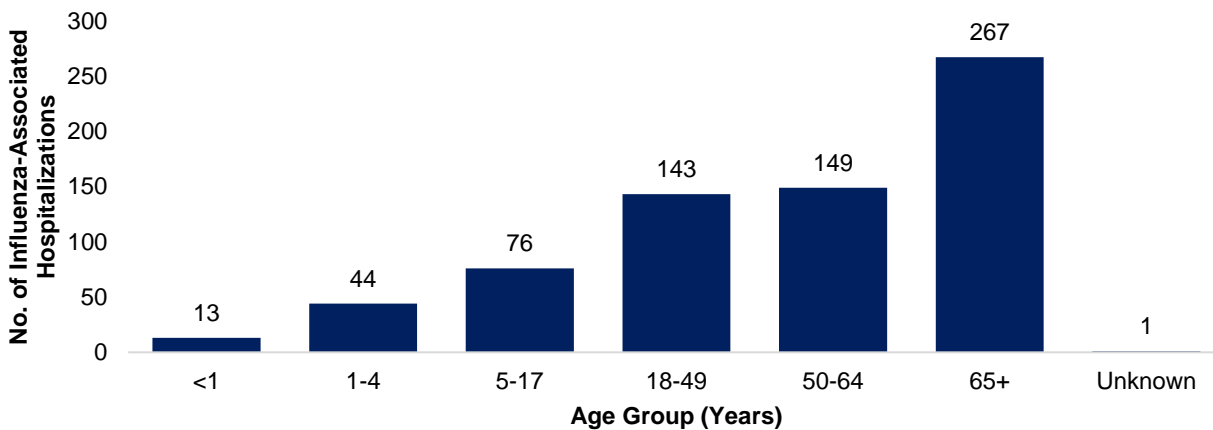
### Influenza Activity by Week in Milwaukee County



\*Flu activity was unusually low in the 2020-2021 flu season, despite high levels of testing. COVID-19 mitigation measures such as wearing face masks, social distancing, staying home, and school closures, in addition to flu vaccination, likely contributed to the low flu activity during this season.

## Milwaukee County Influenza-Associated Hospitalizations by Age Group MMWR Week 40, 2022 through Week 7, 2023

### Cumulative Influenza Activity by Age Group, Milwaukee County, 2022-23 Flu Season



# Testing Data

## Public Health Laboratory Testing Data To-Date (Since Week 40)

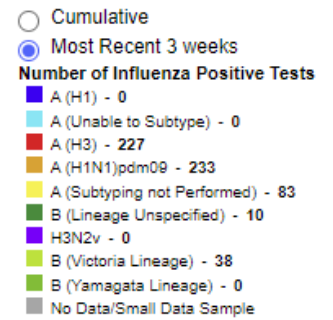
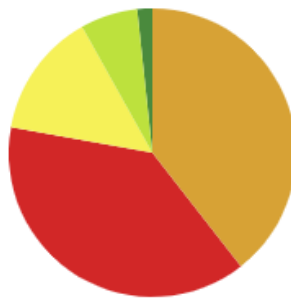
Lab	Number Tested to date	Number Positive to date	Most Recent Week Percent Positive	Predominant A Subtype and Strain	Predominant B Strain	Predominant Type (A or B)
CDC	179,489	27,439	83/6,020 (2.2%)	(H1N1)pdm09	Victoria	A
WSLH			198/12,037 (1.6%)	Unknown	Unknown	A
MHDL	48	10	0/2 (0.0%)	H3N2	N/A	A

## National Influenza Testing Data, CDC FluView

Influenza Positive Tests Reported to CDC by Public Health Laboratories, National Summary, 2022-23 Season, week ending Feb 18, 2023

Reported by: U.S. WHO/NREVSS Collaborating Laboratories and ILINet

[Download Image](#)

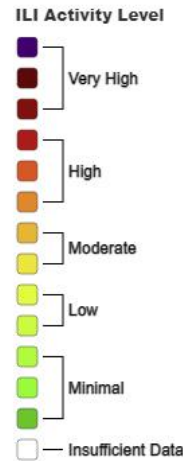
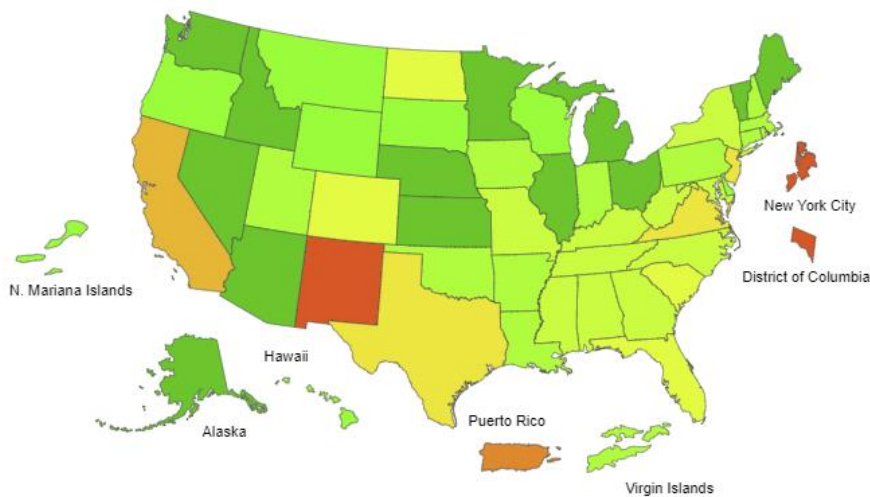


<http://gis.cdc.gov/grasp/fluview/fluportaldashboard.html> accessed 3/2/2023

# National Influenza Activity

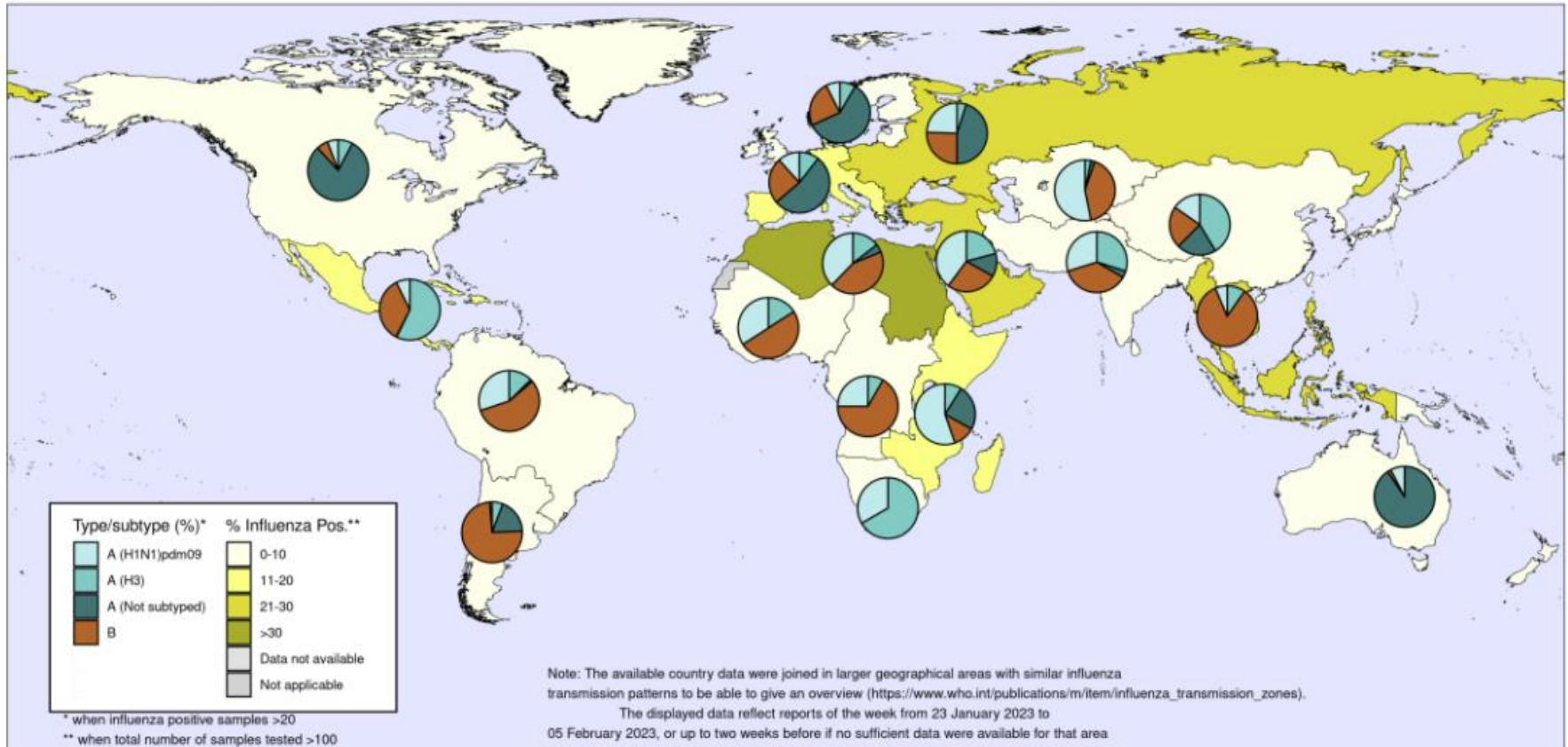
## Outpatient Respiratory Illness Activity Map, CDC FluView

2022-23 Influenza Season Week 7 ending Feb 18, 2023



<https://www.cdc.gov/flu/weekly/index.htm#MS2> accessed 3/2/2023

Percentage of respiratory specimens that tested positive for influenza, by influenza transmission zone<sup>1</sup>. Map generated on 17 February 2023.



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.



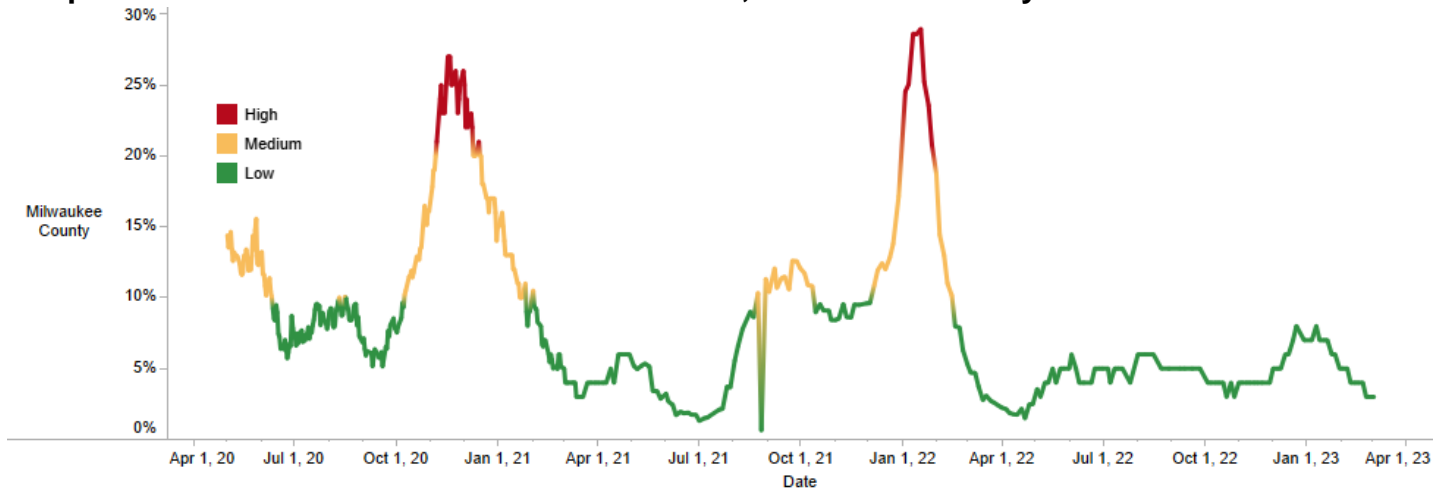
Data source: Global Influenza Surveillance and Response System (GISRS), FluNet (<https://www.who.int/initiatives/global-influenza-surveillance-and-response-system>)  
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<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-updates> accessed 3/2/2023

COVID-19 Community Metrics, Updated March 3, 2023

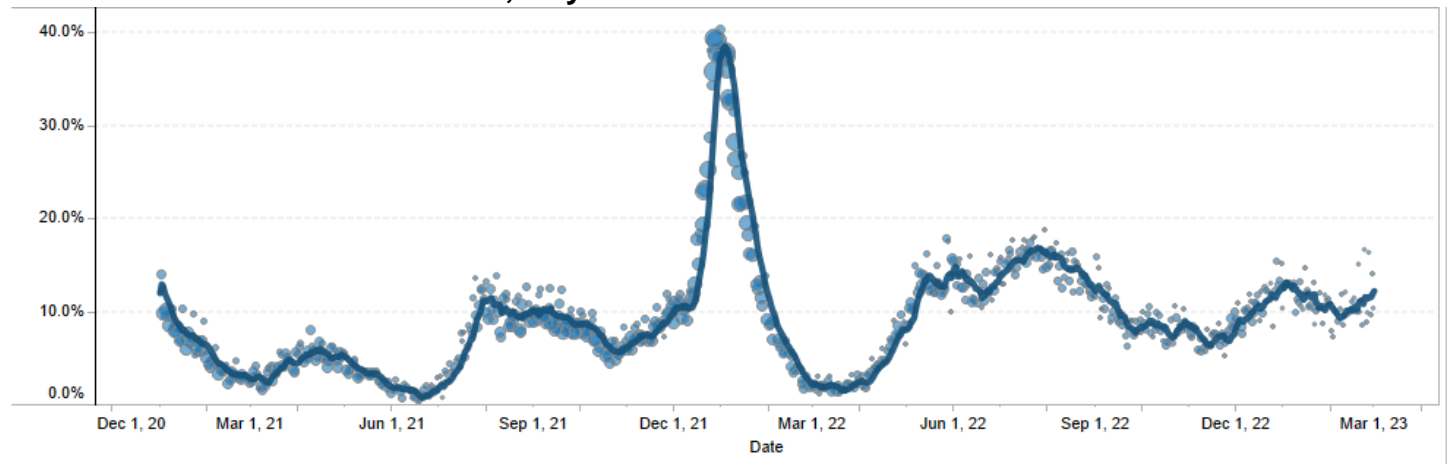
COVID-19 Community Level - <b>Low</b>		
County Weekly Metrics Used to Determine the COVID-19 Community Level		Comparison to Last Week
Case Rate per 100,000 population (Milwaukee County; includes City rate of <u>65.7</u> )	81.74	Up from 77.08
New COVID-19 admissions per 100,000 population	9	Down from 9.1
% Staffed inpatient beds in use by patients with confirmed COVID-19	3.5%	Down from 3.7%

Hospitalized Patients that are COVID-19 Positive, Milwaukee County



Data Source: HERC Region 7  
Last Update: 3/2/2023

Percent Positive COVID-19 Tests, City of Milwaukee



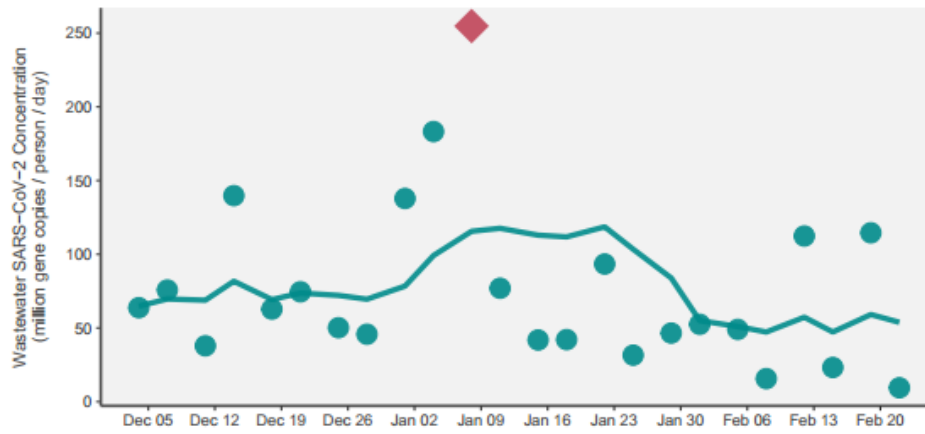
# SARS-CoV-2 Wastewater Surveillance

**Category:** Compared with the last 6 months of data, the average of the three most recent SARS-CoV-2 measurements is **moderate** for the Jones Island sewershed and **low** for the South Shore sewershed.

**Trajectory:** Between 2/16/2023 and 3/2/2023, wastewater concentrations of SARS-CoV-2 **did not significantly** increase in the Jones Island or South Shore sewersheds.

<b>Milwaukee (Jones Island)</b> Estimated population served: 470,007	<span style="color: orange;">■</span>	Category: <b>Moderate</b>	Trajectory: <b>No alert</b>
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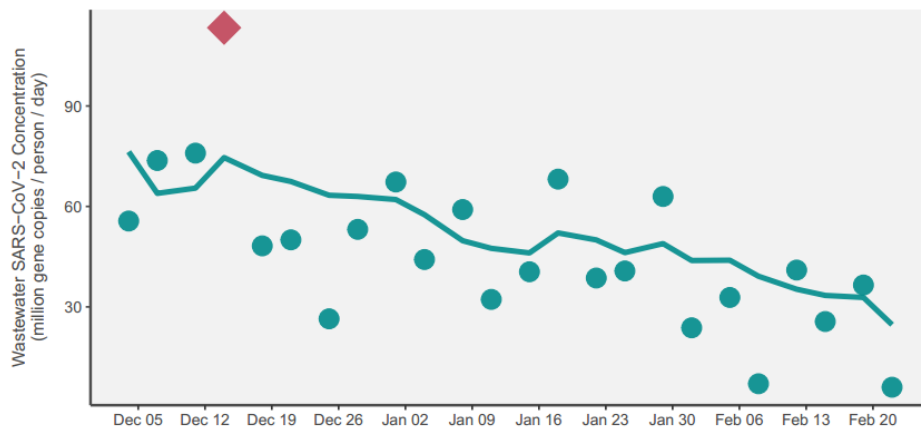
**90-Day Wastewater Trend for Milwaukee Jones Island (Dec 2, 2022–Mar 2, 2023)**



◆ - Significant Increase

<b>Milwaukee (South Shore)</b> Estimated population served: 615,934	<span style="color: yellow;">■</span>	Category: <b>Low</b>	Trajectory: <b>No alert</b>
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**90-Day Wastewater Trend for Milwaukee South Shore (Dec 2, 2022–Mar 2, 2023)**



◆ - Significant Increase

Milwaukee Jones Island Wastewater SARS-CoV-2 Report, March 2, 2023