



# CITY OF MILWAUKEE HEALTH DEPARTMENT

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## Milwaukee Respiratory Illness Update MMWR Week 2, Ending January 14, 2023

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### Overview

#### County

- From October 1, 2022 through January 14, 2023, there have been 678 reported influenza-associated hospitalizations in Milwaukee County (494 City of Milwaukee residents). Statewide hospitalization data are not yet available.

#### State

- Influenza-like illness (ILI) levels were below baseline in Wisconsin. Levels in the southeastern region were also below baseline.
- Influenza A is the predominant virus for this week.

#### National

- 7 states/jurisdictions experienced high to very high ILI activity. Wisconsin experienced minimal ILI activity in outpatient visits.
- 7 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)

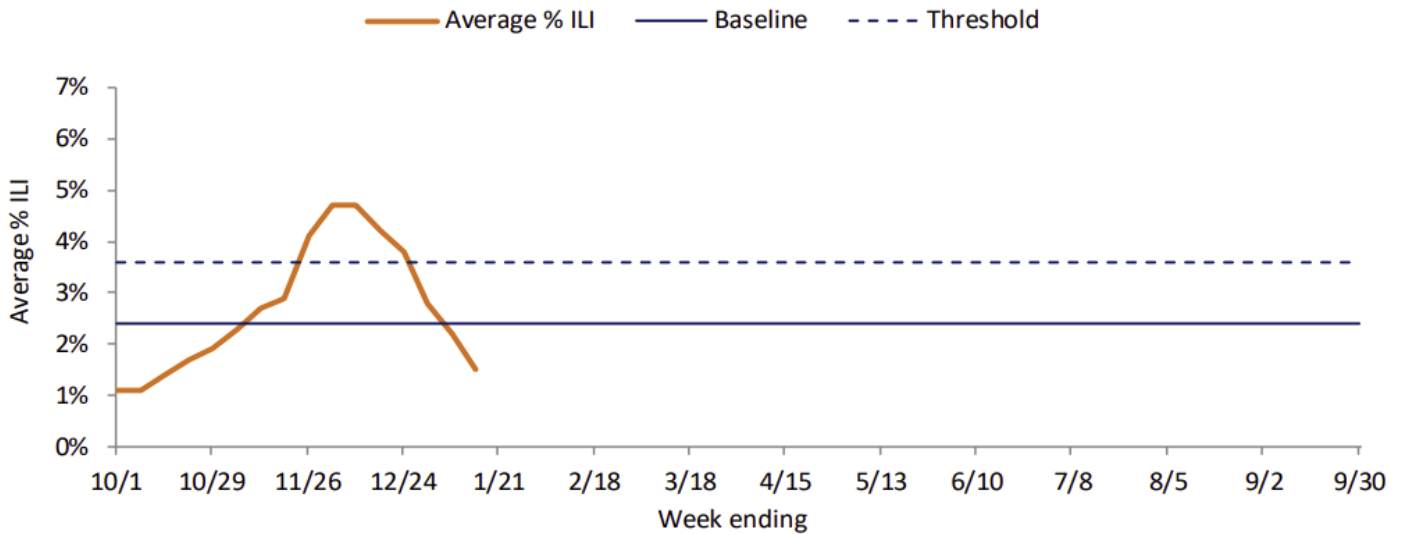
#### CDC Pediatric Data (Since Week 40)

2022-23 To Date: Total Deaths	2021-22 To Date: Total Deaths	Pediatric Deaths Reported this Week	Notes on Deaths	Unusual Pediatric Hospitalizations
85	45	7	All six deaths were associated with influenza A viruses. Four of the influenza A viruses had subtyping performed; three were A(H3) viruses and one was an A(H1N1) virus. One death occurred during week 27 of the 2021-2022 season (the week ending July 9, 2022).	-

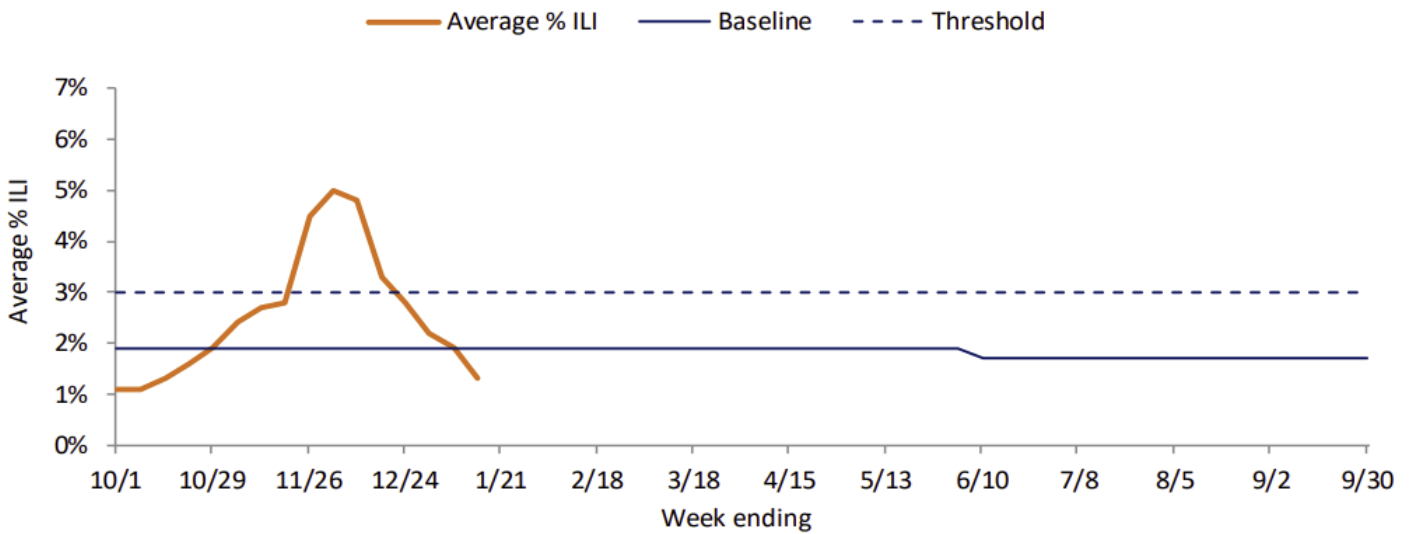
# Statewide and Regional Influenza Activity

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



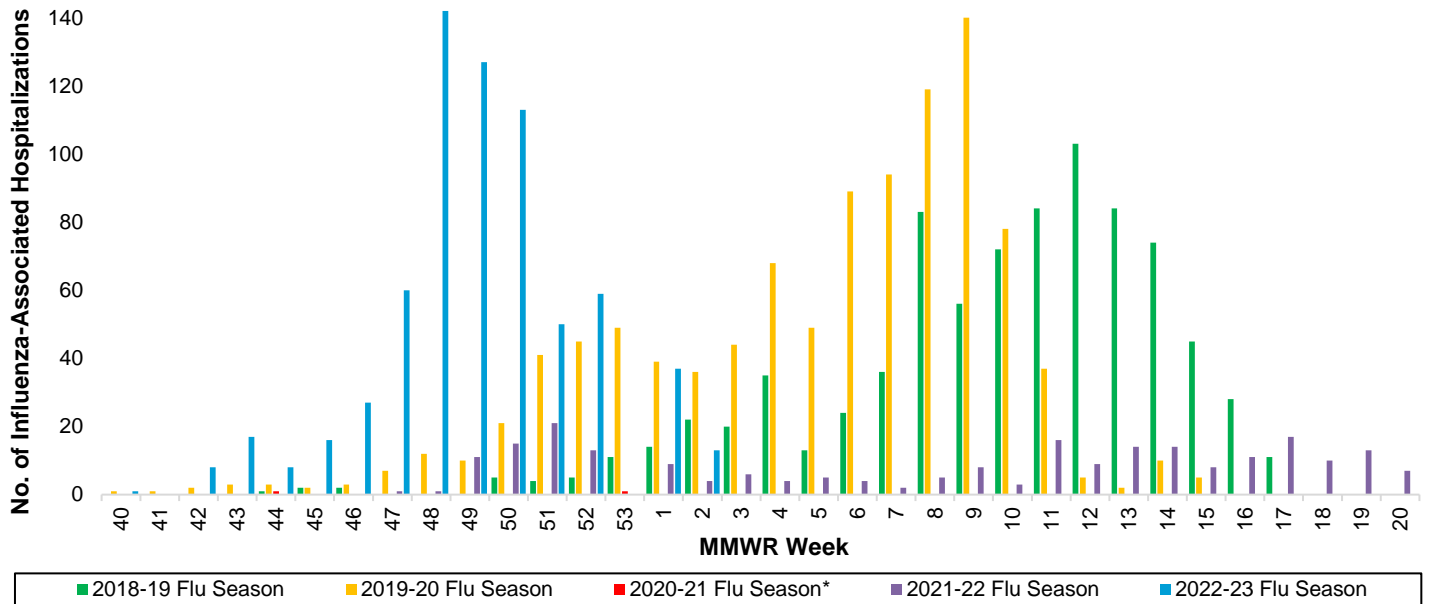
[Wisconsin Department of Health Services Respiratory Virus Surveillance Report](#), January 31, 2023

# Milwaukee County Influenza Activity

From October 1, 2022 through January 14, 2023 there have been 678 reported influenza-associated hospitalizations in Milwaukee County. Statewide hospitalization data are not yet available.

## Milwaukee County Influenza-Associated Hospitalizations

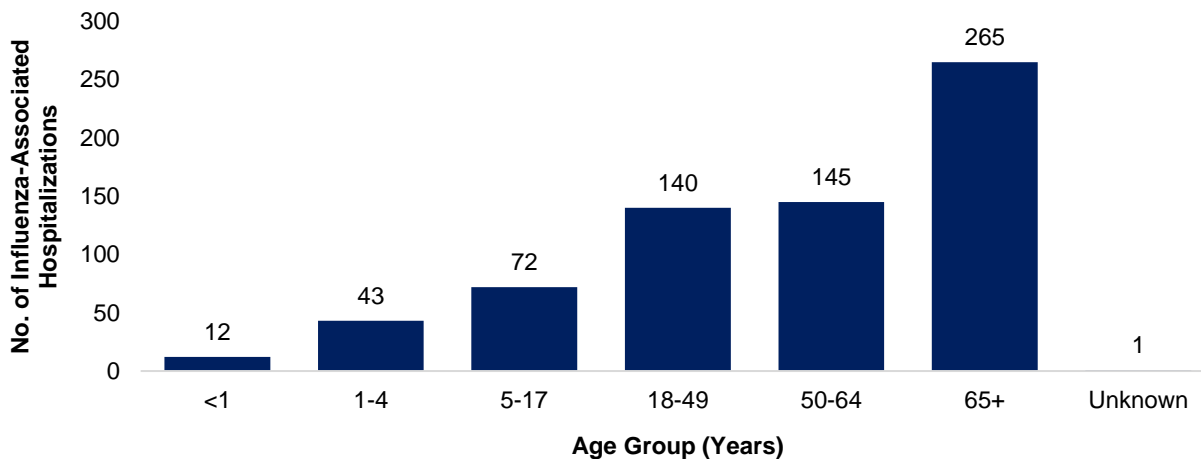
### Influenza Activity by Week in Milwaukee County



\*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 2, 2023

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



# Testing Data

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

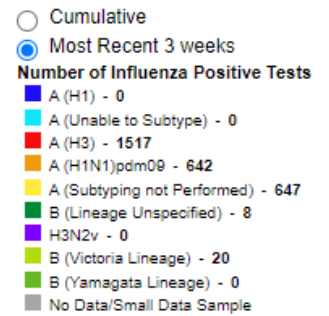
Lab	Number Tested to date	Number Positive to date	Most Recent Week Percent Positive	Predominant A Subtype and Strain	Predominant B Strain	Predominant Type (A or B)
CDC	141,009	23,823	453/6,315 (7.2%)	H3N2	Victoria	A
WSLH			936/12,420 (7.5%)	Unknown	Unknown	A
MHDL	41	10	0/1 (0.0%)	H3N2	N/A	A

## National Influenza Testing Data, CDC FluView

Influenza Positive Tests Reported to CDC by Public Health Laboratories, National Summary, 2022-23 Season, week ending Jan 14, 2023

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

[Download Image](#)

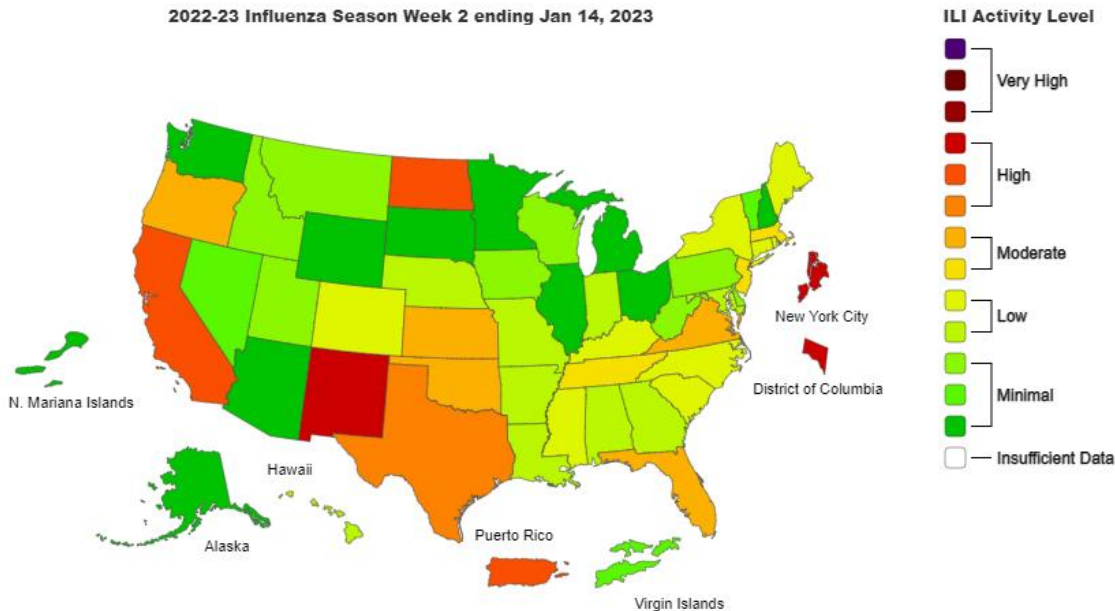


<http://gis.cdc.gov/grasp/fluview/fluportaldashboard.html> accessed 01/24/2023

# National Influenza Activity

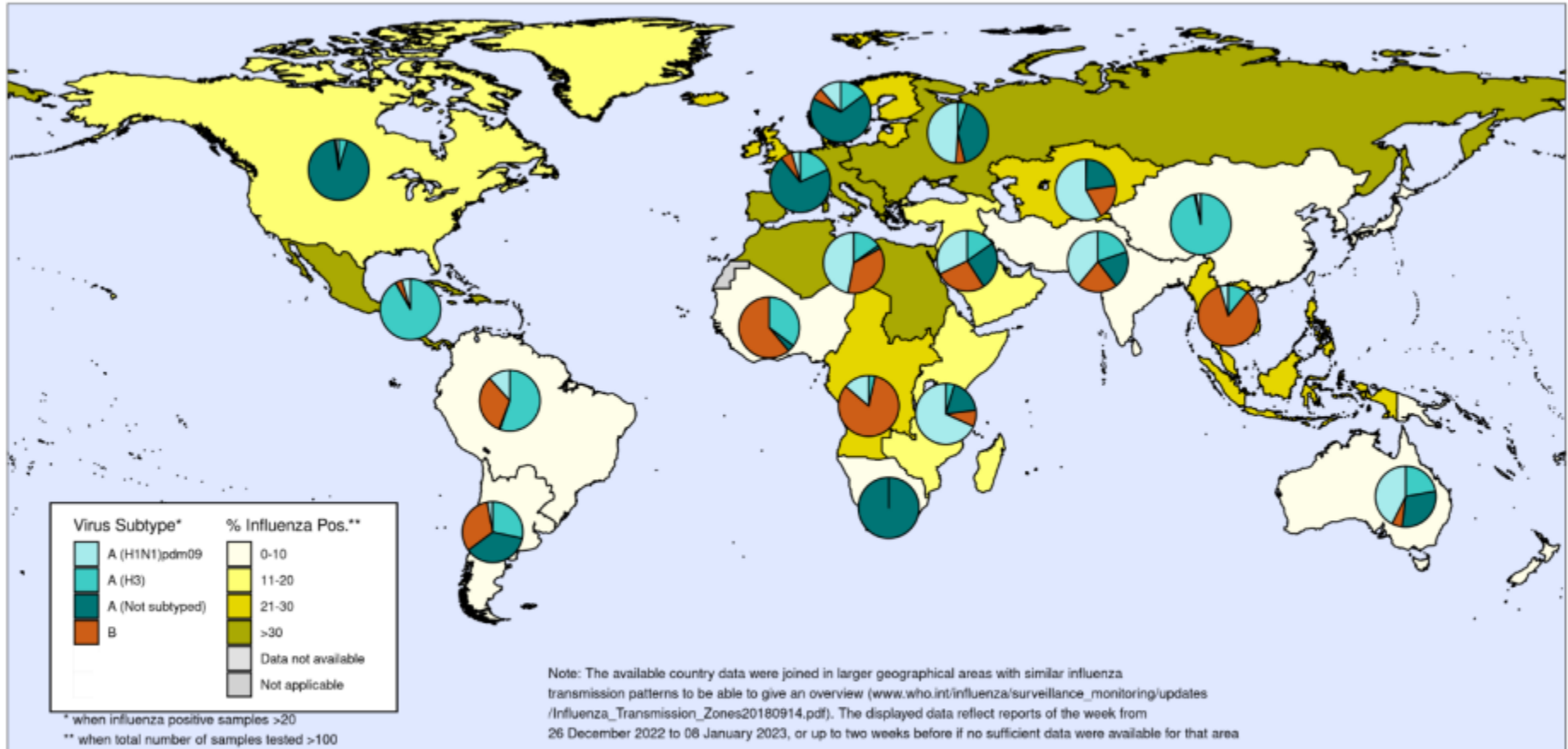
## Outpatient Respiratory Illness Activity Map, CDC FluView

2022-23 Influenza Season Week 2 ending Jan 14, 2023



<https://www.cdc.gov/flu/weekly/index.htm#MS2> accessed 01/24/2023

Percentage of respiratory specimens that tested positive for influenza, by influenza transmission zone<sup>1</sup>. Map generated on 20 January 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 (www.who.int/flu-net)  
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<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-updates> accessed 01/26/2023