



CITY OF MILWAUKEE HEALTH DEPARTMENT

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Milwaukee Respiratory Illness Update MMWR Week 5, Ending February 4, 2023

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Overview

County

- From October 1, 2022 through February 4, 2023, there have been 692 reported influenza-associated hospitalizations in Milwaukee County (503 City of Milwaukee residents). Statewide hospitalization data are not yet available.

State

- Influenza-like illness (ILI) levels were 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.

National

- 6 states/jurisdictions experienced moderate ILI activity and 3 experienced high ILI activity. Wisconsin experienced minimal ILI activity in outpatient visits.
- 9 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)

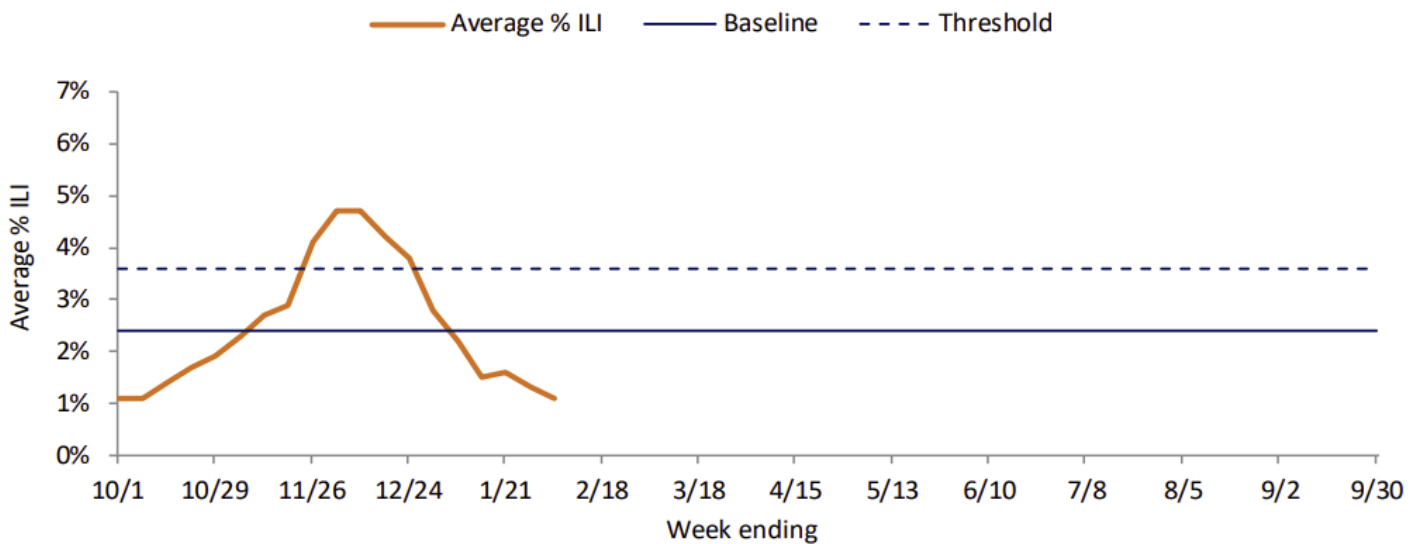
CDC Pediatric Data (Since Week 40)

2022-23 To Date: Total Deaths	2021-22 To Date: Total Deaths	Pediatric Deaths Reported this Week	Notes on Deaths	Unusual Pediatric Hospitalizations
106	45	9	Eight of the deaths were associated with influenza A viruses and one death was associated with an influenza B virus with no lineage determined. Five of the influenza A viruses had subtyping performed; all five were A(H3) viruses.	-

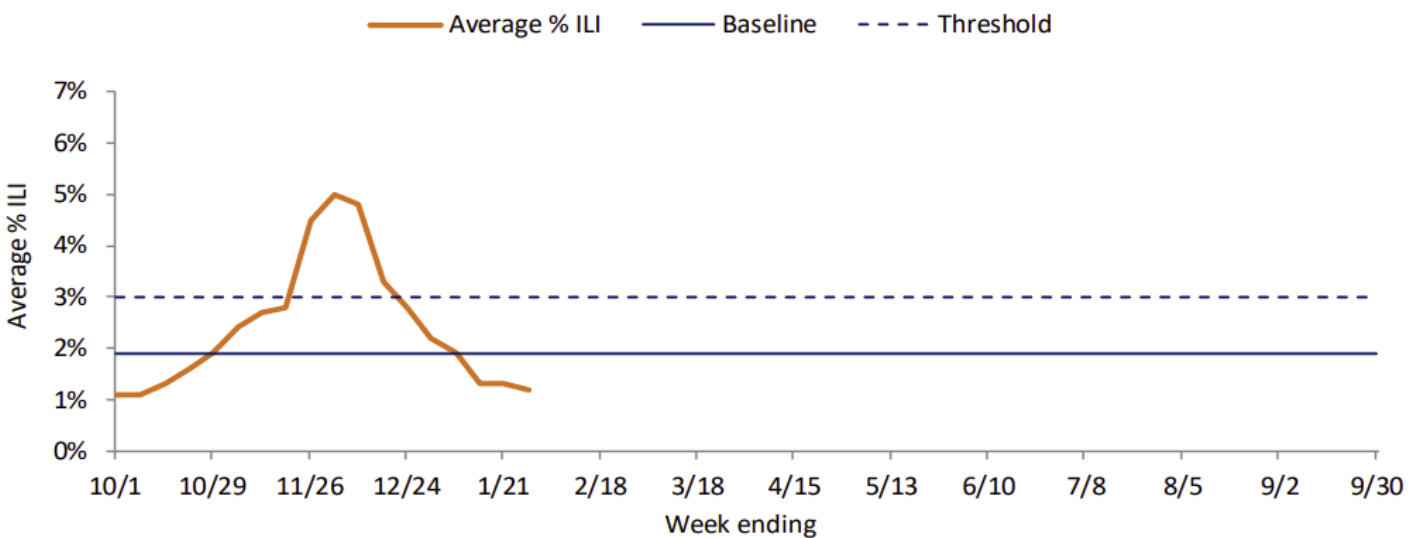
Statewide and Regional Influenza Activity

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



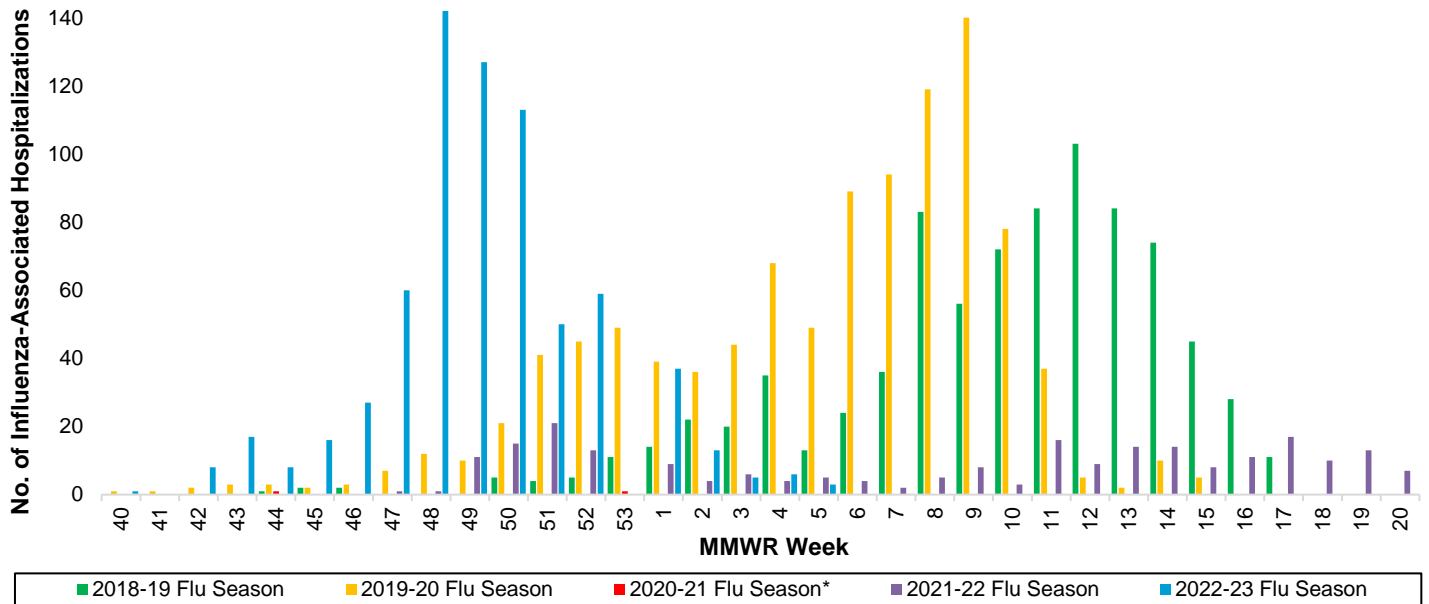
[Wisconsin Department of Health Services Respiratory Virus Surveillance Report](#), February 4, 2023

Milwaukee County Influenza Activity

From October 1, 2022 through February 4, 2023 there have been 692 reported influenza-associated hospitalizations in Milwaukee County. Statewide hospitalization data are not yet available.

Milwaukee County Influenza-Associated Hospitalizations

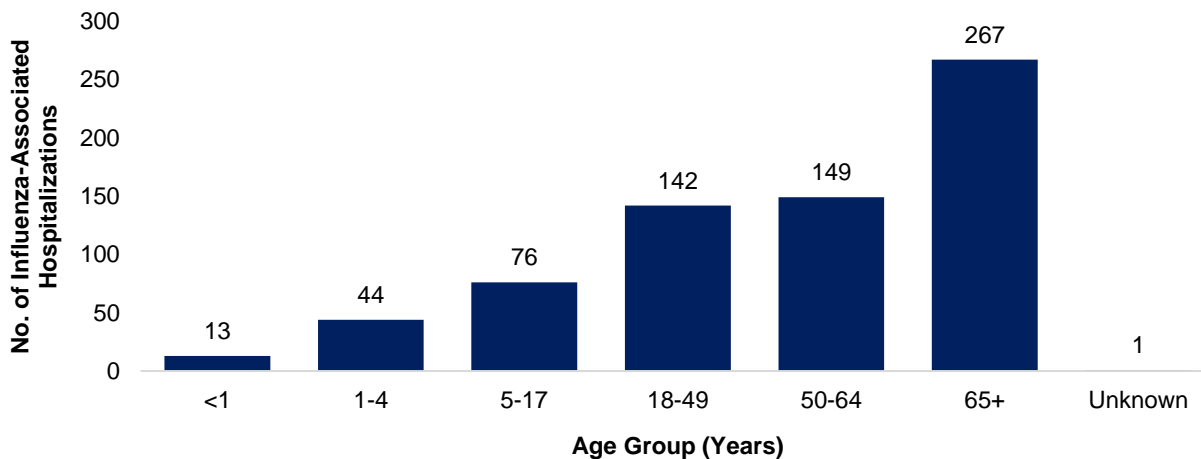
Influenza Activity by Week in Milwaukee County



*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 5, 2023

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



Testing Data

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

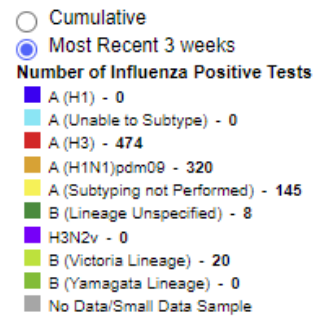
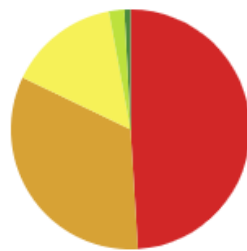
Lab	Number Tested to date	Number Positive to date	Most Recent Week Percent Positive	Predominant A Subtype and Strain	Predominant B Strain	Predominant Type (A or B)
CDC	155,842	25,576	115/5,463 (2.1%)	H3N2	Victoria	A
WSLH			267/12,409 (2.2%)	Unknown	Unknown	A
MHDL	44	10	0/2 (0.0%)	H3N2	N/A	A

National Influenza Testing Data, CDC FluView

Influenza Positive Tests Reported to CDC by Public Health Laboratories, National Summary, 2022-23 Season, week ending Feb 04, 2023

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

[Download Image](#)

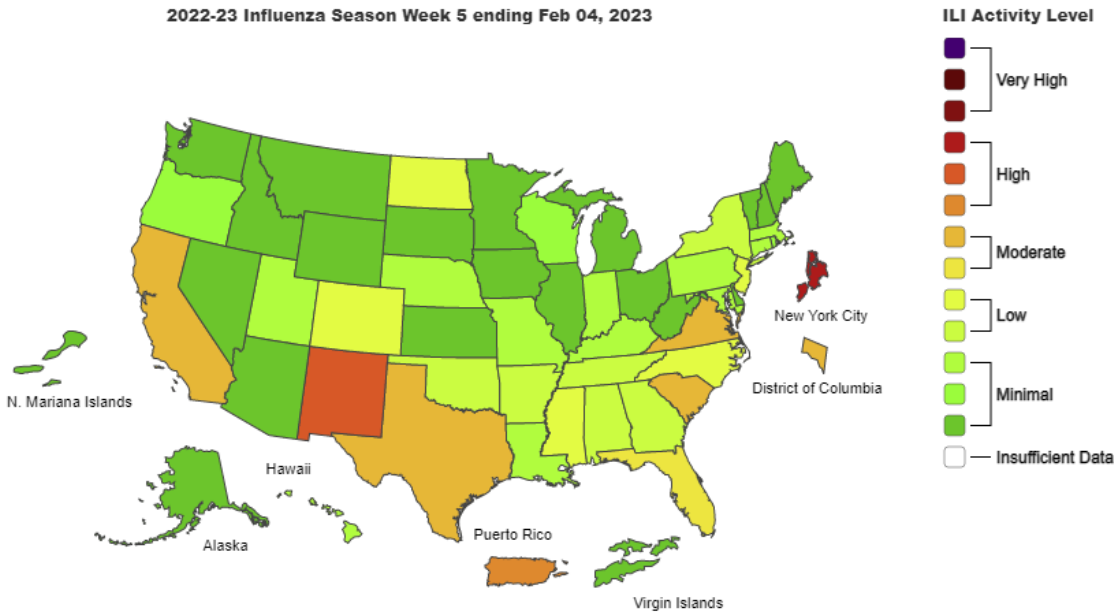


<http://gis.cdc.gov/grasp/fluview/fluportaldashboard.html> accessed 02/13/2023

National Influenza Activity

Outpatient Respiratory Illness Activity Map, CDC FluView

2022-23 Influenza Season Week 5 ending Feb 04, 2023

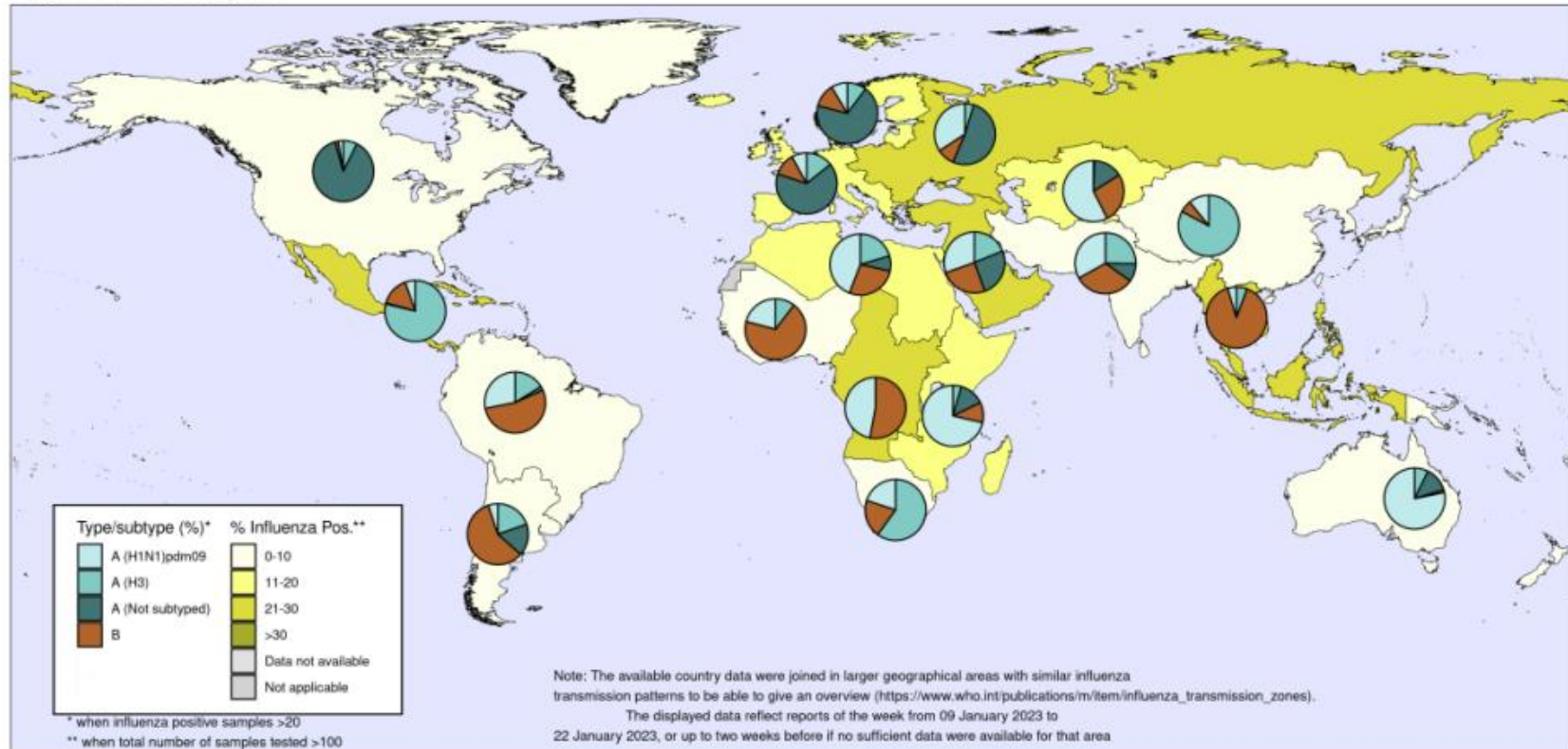


<https://www.cdc.gov/flu/weekly/index.htm#MS2> accessed 02/13/2023

Percentage of respiratory specimens that tested positive for influenza, by influenza transmission zone¹. Map generated on 03 February 2023.

Percentage of respiratory specimens that tested positive for influenza
By influenza transmission zone

Map generated on 03 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 02/13/2023