



CITY OF MILWAUKEE HEALTH DEPARTMENT

Clinical Services and Data and Evaluation Divisions
N. Broadway, Third Floor, Milwaukee, WI 53202, (414) 286-3521

Milwaukee Respiratory Illness Update MMWR Week 1, Ending January 7, 2023

Table of Contents

| | |
|--------|---|
| Page 1 | Overview National Pediatric Deaths |
| Page 2 | Statewide Influenza Activity |
| Page 3 | Milwaukee County Influenza Activity |
| Page 4 | Testing Data CDC National Influenza Surveillance Map |
| Page 5 | WHO Global Influenza Surveillance Map |

Overview

County

- From October 1, 2022 through January 7, 2023, there have been 665 reported influenza-associated hospitalizations in Milwaukee County (484 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 at baseline.
- Influenza A is the predominant virus for this week.

National

- 23 states/jurisdictions experienced high to very high ILI activity. Wisconsin experienced low ILI activity in outpatient visits.
- 5 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)

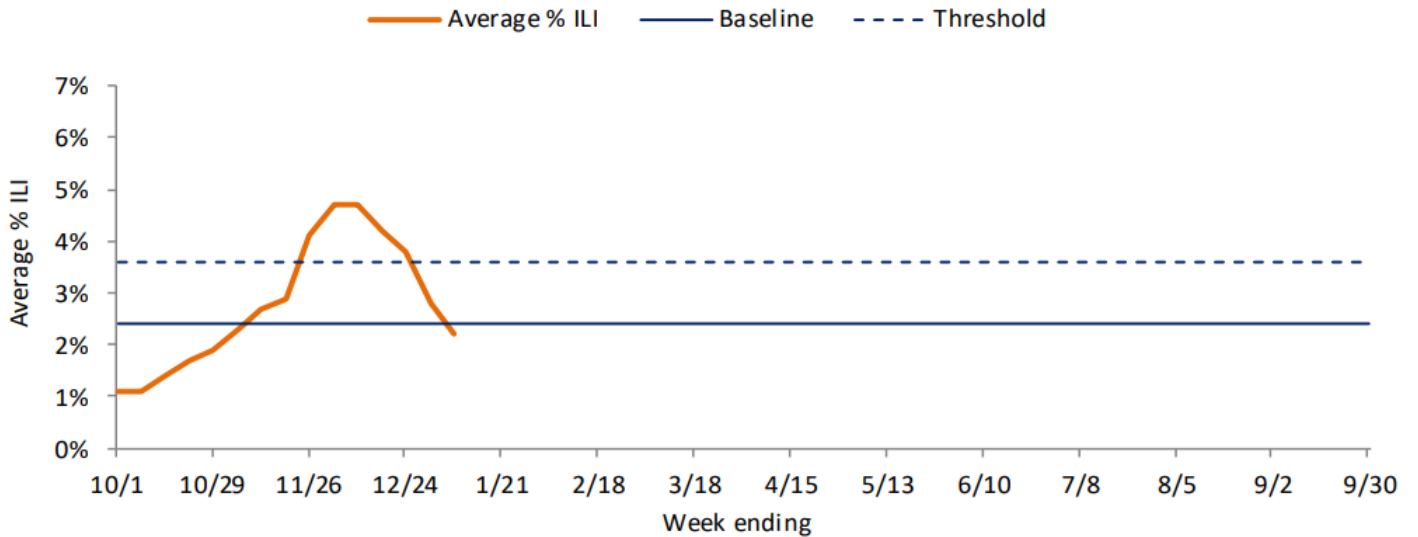
CDC Pediatric Data (Since Week 40)

| 2022-23 To Date: Total Deaths | 2021-22 To Date: Total Deaths | Pediatric Deaths Reported this Week | Notes on Deaths | Unusual Pediatric Hospitalizations |
|----------------------------------|----------------------------------|---|---|---------------------------------------|
| 79 | 44 | 5 | All five deaths were associated with influenza A viruses. Subtyping was performed on two of the influenza A viruses; both were A(H3) viruses. | - |

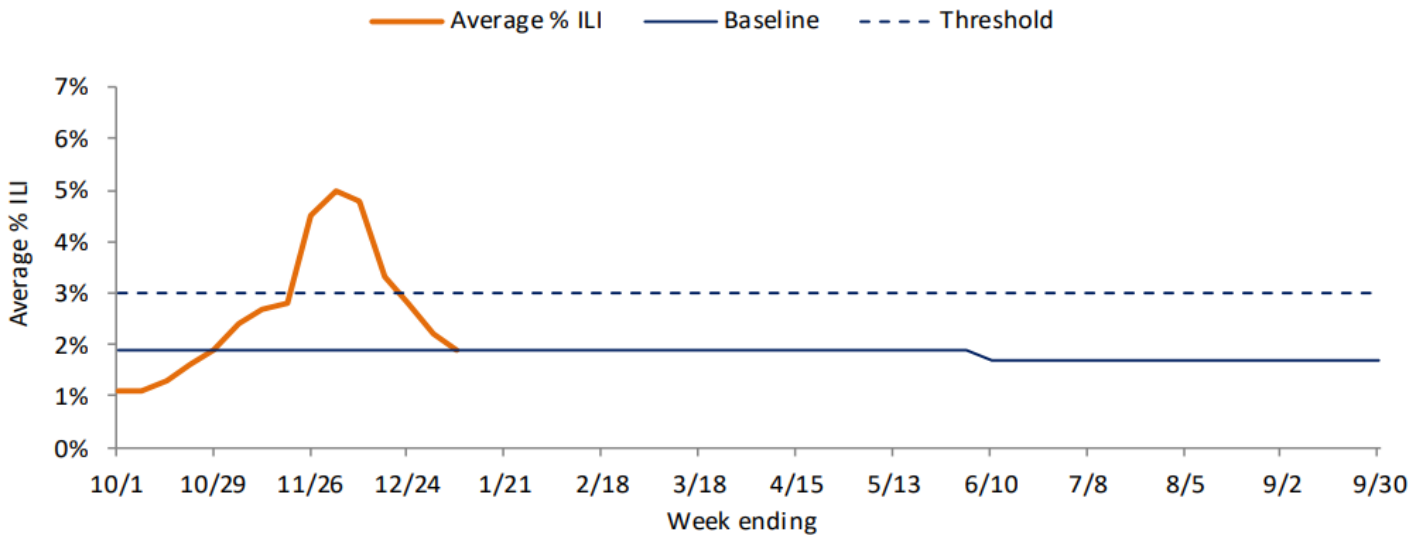
Statewide and Regional Influenza Activity

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

Statewide Influenza-Like Illness Activity Wisconsin



Southeastern Region Influenza-Like Illness Activity Southeastern Region



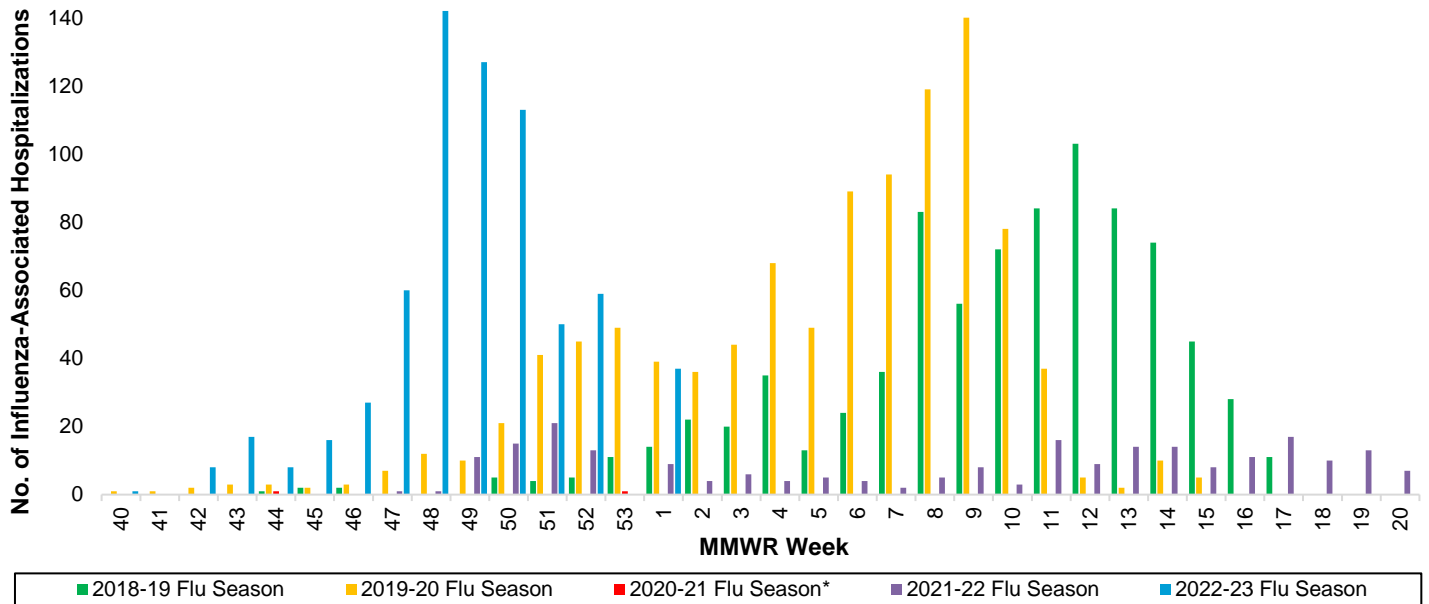
[Wisconsin Department of Health Services Respiratory Virus Surveillance Report](#), January 19, 2023

Milwaukee County Influenza Activity

From October 1, 2022 through January 7, 2023 there have been 665 reported influenza-associated hospitalizations in Milwaukee County. Statewide hospitalization data are not yet available.

Milwaukee County Influenza-Associated Hospitalizations

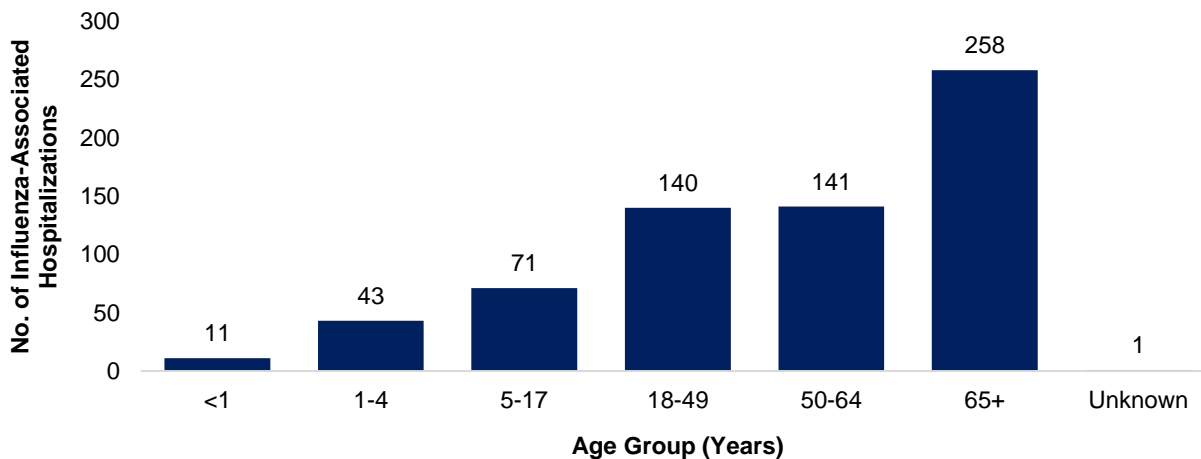
Influenza Activity by Week in Milwaukee County



*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 to Week 1, 2023

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



Testing Data

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

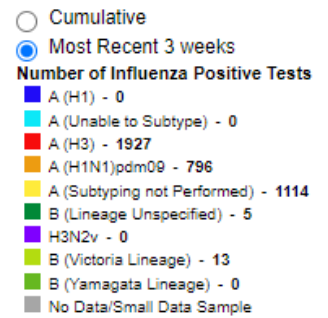
| Lab | Number Tested to date | Number Positive to date | Most Recent Week Percent Positive | Predominant A Subtype and Strain | Predominant B Strain | Predominant Type (A or B) |
|------|-----------------------|-------------------------|-----------------------------------|----------------------------------|----------------------|---------------------------|
| CDC | 132,276 | 22,902 | 743/6,724 (11.0%) | H3N2 | Victoria | A |
| WSLH | | | 2,182/17,252 (12.6%) | Unknown | Unknown | A |
| MHDL | 40 | 10 | 0 tests reported | 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 07, 2023

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

[Download Image](#)

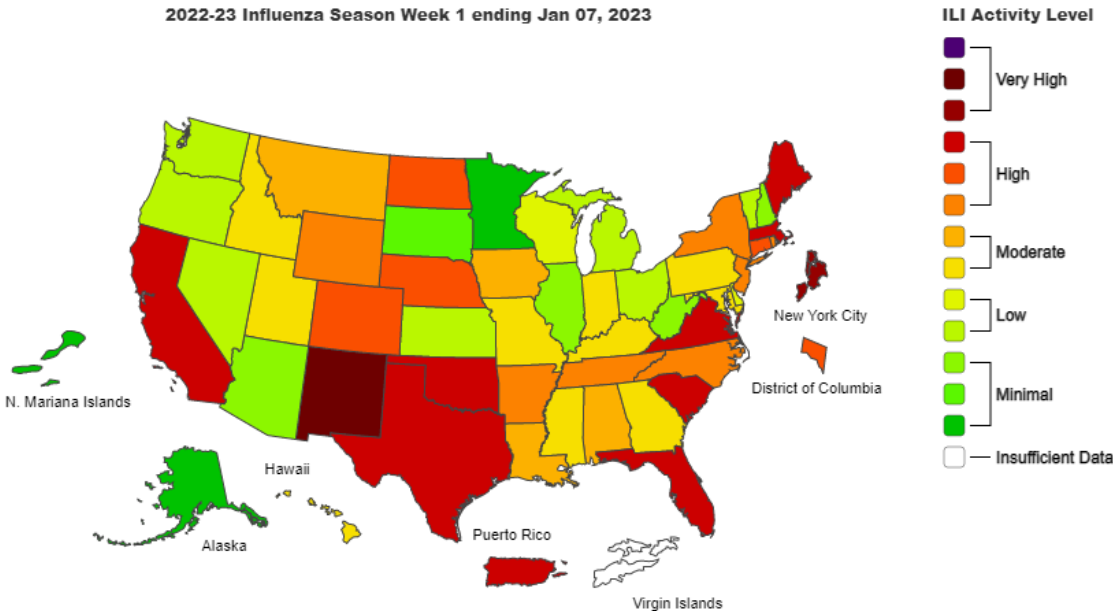


<http://gis.cdc.gov/grasp/fluview/fluportaldashboard.html> accessed 01/19/2023

National Influenza Activity

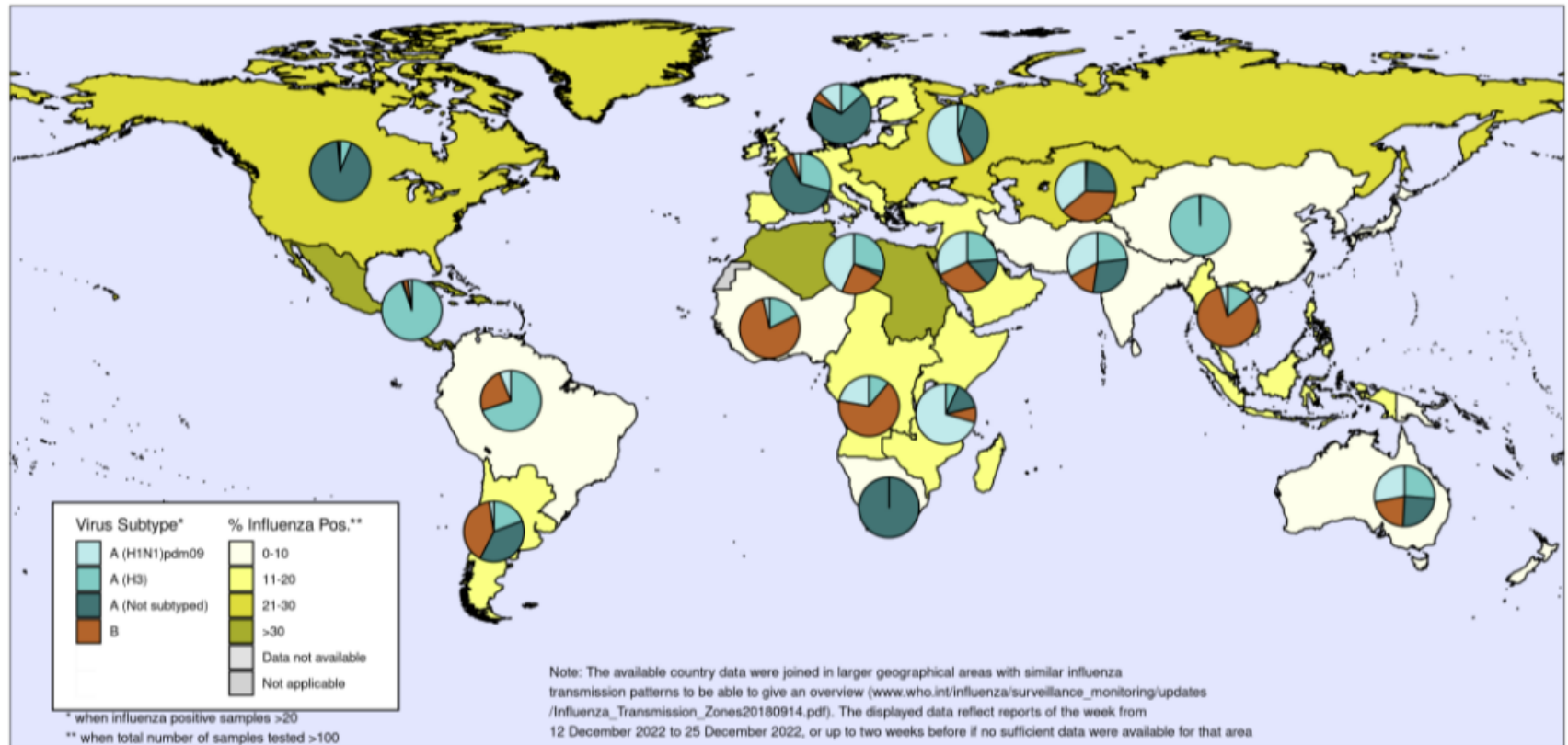
Outpatient Respiratory Illness Activity Map, CDC FluView

2022-23 Influenza Season Week 1 ending Jan 07, 2023



<https://www.cdc.gov/flu/weekly/index.htm#MS2> accessed 01/19/2023

Percentage of respiratory specimens that tested positive for influenza, by influenza transmission zone¹. Map generated on 09 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/fluinet)
 Copyright WHO 2023. All rights reserved.



<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-updates> accessed 01/19/2023