



Michigan Flu Focus

Weekly Influenza Surveillance Report

September 5, 2025

Vol. 22; No. 37

Week Ending August 30, 2025 | WEEK 35

Editor: Sue Kim, MPH

Michigan 2024-2025 Season Overview

Outbreaks – **191** (40C, 15N, 92SE, 44SW) congregate setting influenza outbreaks were reported.

Outpatient ILI (ILINet) – Michigan's ILI activity peaked during **Week 7** (Week Ending Feb 15) at **10.6%** and was above baseline for **15** weeks.

Laboratory – **1,326** influenza positive results were reported by the MDHHS Bureau of Laboratories.

Hospitalizations – **1,926** (203 pediatric, 1,723 adult) FluSurv-NET hospitalizations were reported in the catchment area between October 1st, 2024 and April 30th, 2025.

Pediatric flu deaths – **14** influenza-associated pediatric deaths have been confirmed by MDHHS for the 2024-2025 season.

Updates of Interest

On August 28, 2025, the MMWR report was updated on the [Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices – United States, 2025–26 Influenza Season](#).

Novel Influenza A Viruses

Nationally, **56** human infections with novel influenza A viruses were reported for the 2024-2025 season.

- 1 H1N2v
- 56 H5

For more info, visit the [CDC FluView Interactive](#) Highly Pathogenic Avian Influenza (HPAI)

Please see the [MDHHS Highly Pathogenic Avian Influenza \(HPAI\) Evaluation and Monitoring Protocol](#) for guidance on appropriate human health measures in the event that people are exposed to infected or dead birds or livestock due to HPAI.

For the current status of HPAI in Michigan, please visit the [MDARD Avian Flu Website](#).

Swine Variant Influenza

Fair season is here! The MDHHS [Swine Variant Influenza Toolkit](#) and [Templates](#) will help LHDs in planning for and responding to suspected influenza outbreaks associated with swine at agricultural fairs and exhibits.

Flu Bytes

Flu vaccine can protect against illness. When to get the shot. (Detroit Free Press)

“Fall is just around the corner and now's the time to start planning your flu shot in Michigan — a key to staying healthy amid annual flu season. Health experts recommend getting vaccinated against the flu, or influenza, in September or October, ahead of the start of flu season. [...] You can get vaccinated at your local pharmacy or other health institutions [across Michigan](#). The shot free or low cost with most insurance plans.”

Influenza News Blast

- [FluMist Home nasal vaccine now available for home delivery in Michigan \(Click on Detroit\)](#)
- [What you need to know about getting the COVID-19 vaccine in Michigan \(Bridge Michigan\)](#)
- [FDA warns of H5N1 avian flu detection in raw cat food \(CIDRAP\)](#)
- [Not adhering to Tamiflu guidelines found to be common in pediatric hospitals \(CIDRAP\)](#)
- [Vaccine Integrity Project presents reassuring data on vaccines for upcoming season \(CIDRAP\)](#)
- [UofM sues pharma giant AstraZeneca over virus strains used in FluMist \(MLive\)](#)

Congregate Setting Respiratory Virus Outbreaks

There were **0** influenza outbreaks reported to MDHHS during this time period. Respiratory virus outbreaks for the 2025 summer season are summarized below.

Number of Congregate Setting Outbreaks by Region

| | C | N | SE | SW | Summer 2025 Total | 2024-25 Season Total |
|---|-----------|-----------|-----------|-----------|-------------------|----------------------|
| Schools: K-12 & College | 0 | 0 | 0 | 0 | 0 | 25 |
| Long-term Care / Assisted Living Facility | 0 | 0 | 0 | 0 | 0 | 143 |
| Healthcare Facility | 0 | 0 | 0 | 0 | 0 | 7 |
| Daycare | 0 | 0 | 0 | 0 | 0 | 7 |
| Homeless Shelter | 0 | 0 | 0 | 0 | 0 | 1 |
| Correctional Facility | 0 | 0 | 0 | 0 | 0 | 3 |
| Other | 0 | 0 | 0 | 0 | 0 | 5 |
| Summer 2025 Total | 0 | 0 | 0 | 0 | 0 | |
| 2024-25 Season Total | 40 | 15 | 92 | 44 | | 191 |

Note: Data are reported on laboratory confirmed influenza outbreaks. Non-flu, non-COVID outbreaks and ILI outbreaks without confirmatory influenza testing are not reported above.

Did you know?

Congregate setting outbreaks of viral respiratory illnesses are required to be reported to your local health department. See:

- [Influenza Guidance for Healthcare Providers](#)
- [Guidelines for Influenza and Respiratory Virus Outbreaks in Long-Term Care Facilities](#)

Outbreak Response Resources:

- [MDHHS Guidelines for Influenza and Respiratory Virus Outbreaks in Long-Term Care Facilities](#)
- [MDHHS Respiratory Illness Outbreak Response Tool for use in Skilled Nursing Facilities](#)
- [CDC Viral Respiratory Pathogens Toolkit for Nursing Homes](#)

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

Become an ILINet provider!

ILINet providers may be healthcare clinicians from any specialty (e.g. family practice, pediatrics, internal medicine) and nearly any setting (e.g. private practice, emergency room, urgent care, school health center) who are likely to see patients with influenza-like illness.

For more information on how to enroll, contact Arianna Eaton at EatonA4@michigan.gov.

Number of Reports and ILI % by Region in Michigan during this time period:

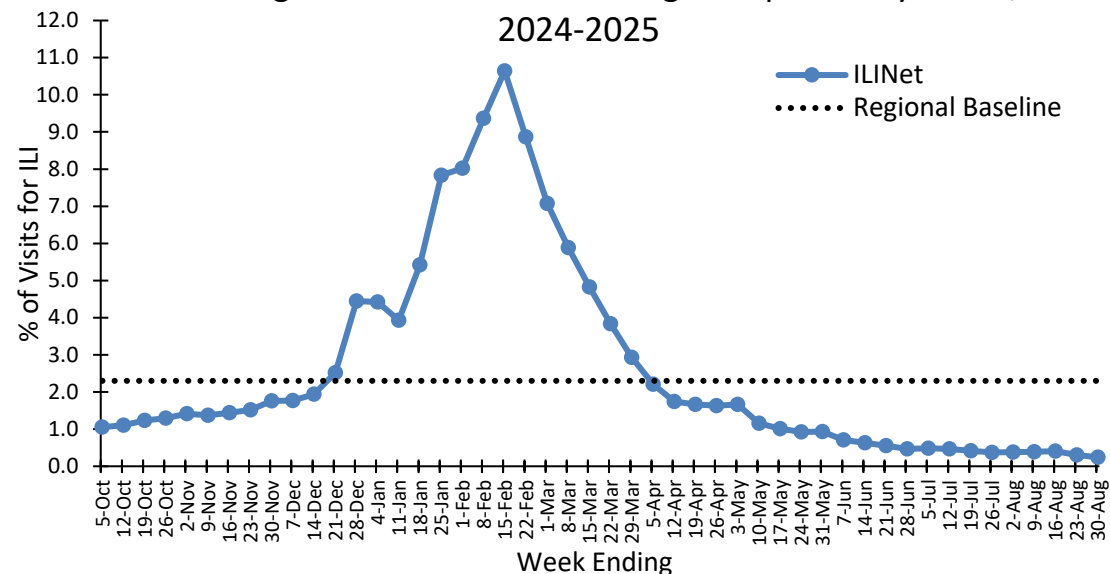
| | C | N | SE | SW |
|--------------------------------------|-----|-----|-----|-----|
| No. of Reporters, Total (11)* | 2 | 1 | 7 | 1 |
| ILI % | 0.1 | 0.0 | 0.4 | 0.0 |

*MI ILINet data for Week 35 are preliminary and may be underreported.

Michigan ILI Activity: 0.2% (Last Week: 0.3%) A total of **11** patient visits due to ILI were reported out of **4,551** outpatient visits during this time period.

*Regional baseline is developed by calculating the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons and adding two standard deviations

Percentage of Visits for ILI in Michigan Reported by ILINet, 2024-2025



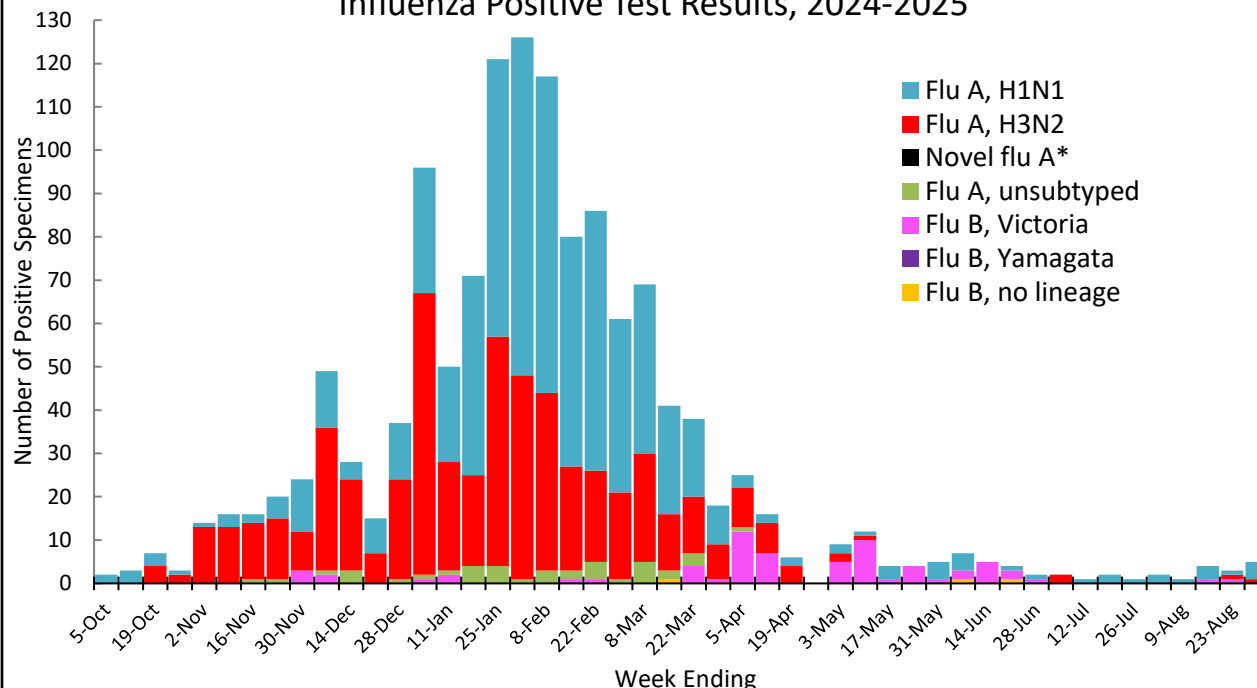
Note: ILINet monitors visits for ILI (fever and cough and/or sore throat) and may capture patient visits due to other respiratory pathogens that cause similar symptoms.

MDHHS Bureau of Laboratory (BOL) Data

There were **5** (3C, 0N, 2SE, 0SW) positive influenza results reported by the MDHHS Bureau of Laboratories (BOL) during this time period.

Number of Positive Influenza Results by Region

| | C | N | SE | SW | Summer 2025 Total | 2024-25 Flu Season Total |
|-----------------------------|-----|----|-----|-----|-------------------|--------------------------|
| Flu A H1N1 | 7 | 0 | 11 | 7 | 25 | 639 |
| Flu A H3N2 | 0 | 0 | 4 | 0 | 4 | 551 |
| Novel flu A* | 0 | 0 | 0 | 0 | 0 | 0 |
| Flu A unsubtype | 0 | 0 | 0 | 0 | 0 | 39 |
| Flu B Victoria | 3 | 0 | 8 | 6 | 17 | 50 |
| Flu B Yamagata | 0 | 0 | 0 | 0 | 0 | 0 |
| Flu B no lineage | 0 | 0 | 0 | 1 | 1 | 1 |
| Summer 2025 Total | 10 | 0 | 23 | 13 | 46 | |
| 2024-25 Season Total | 309 | 50 | 436 | 485 | | 1,280 |

Influenza Positive Test Results, 2024-2025**Michigan Sentinel Clinical Lab Network
Respiratory Virus Data**

Seven (7) sentinel clinical labs (4C, 1N, 1SE, 1SW) reported during weeks ending 8/9/2025-8/30/2025.

| | Southeast Region | Central Region |
|----------------|------------------|----------------|
| Influenza A: | Low | Sporadic |
| Influenza B: | Sporadic | No activity |
| Parainfluenza: | Low | Low |
| RSV: | Sporadic | Sporadic |
| Adenovirus: | Low | Sporadic - low |
| hMPV: | Sporadic - low | Sporadic |

| | Southwest Region | North Region |
|----------------|------------------|--------------|
| Influenza A: | Sporadic | No activity |
| Influenza B: | Sporadic | No activity |
| Parainfluenza: | Sporadic | Sporadic |
| RSV: | No activity | Sporadic |
| Adenovirus: | Sporadic | Sporadic |
| hMPV: | No activity | No activity |

**National Respiratory and Enteric Virus
Surveillance System (NREVSS)**

The [National Respiratory and Enteric Virus Surveillance System \(NREVSS\)](#) is a laboratory-based system that monitors temporal and geographic circulation patterns (patterns occurring in time and place) of various viruses. Participating U.S. laboratories voluntarily report the total number of weekly aggregate tests performed and the weekly aggregate positive tests.

NREVSS monitors the following respiratory viruses:

- SARS-CoV-2
- RSV
- Influenza
- Parainfluenza (1-4)
- Human metapneumovirus
- Rhinovirus/enterovirus
- Adenovirus
- Human coronaviruses

Influenza Hospitalization Surveillance Network (FluSurv-NET)

The CDC's [Influenza Hospitalization Surveillance Network \(FluSurv-NET\)](#) provides population-based rates of laboratory-confirmed influenza-associated hospitalizations. Michigan participates in FluSurv-NET for Clinton, Eaton, Genesee, Ingham, and Washtenaw Counties. (Livingston County was piloted during the 2024-2025 season). **FluSurv-NET has concluded on April 30th, 2025 for the 2024-2025 season and will resume October 1st, 2025.**

MDHHS Respiratory Illness Dashboard

The MDHHS [Respiratory Illness Dashboard](#) provides seasonal data on emergency department (ED) visits, and hospital admissions associated with acute respiratory diseases including COVID-19, influenza and RSV. The hospital admission data are reported to MDHHS from over 90% of hospitals in the state.

Mortality Surveillance

Pneumonia & Influenza (P&I) Mortality Surveillance

Michigan Department of Health and Human Services Vital Records and Health Statistics provides pneumonia & influenza mortality data based on death certificates.

Please visit the [Michigan Mortality Statistics](#) webpage for more info.

Influenza-associated Pediatric Mortality

Number of Pediatric Flu Deaths in the U.S. and Michigan by Season, 2021-22 through 2024-25

| | 2021-22 | 2022-23 | 2023-24 | 2024-25 |
|---|---------|---------|---------|---------|
| U.S. Total <small>Source: CDC FluView</small> | 49 | 187 | 210 | 279 |
| MI Total | 1 | 8 | 8 | 14 |

Pediatric deaths due to influenza are required to be reported in Michigan. Please see:

- [Influenza-Related Pediatric Mortality Investigation and Reporting: Guidance for Medical Examiners, Pathologists and Healthcare Providers](#)

Influenza Sentinel Hospital Network (ISHN)

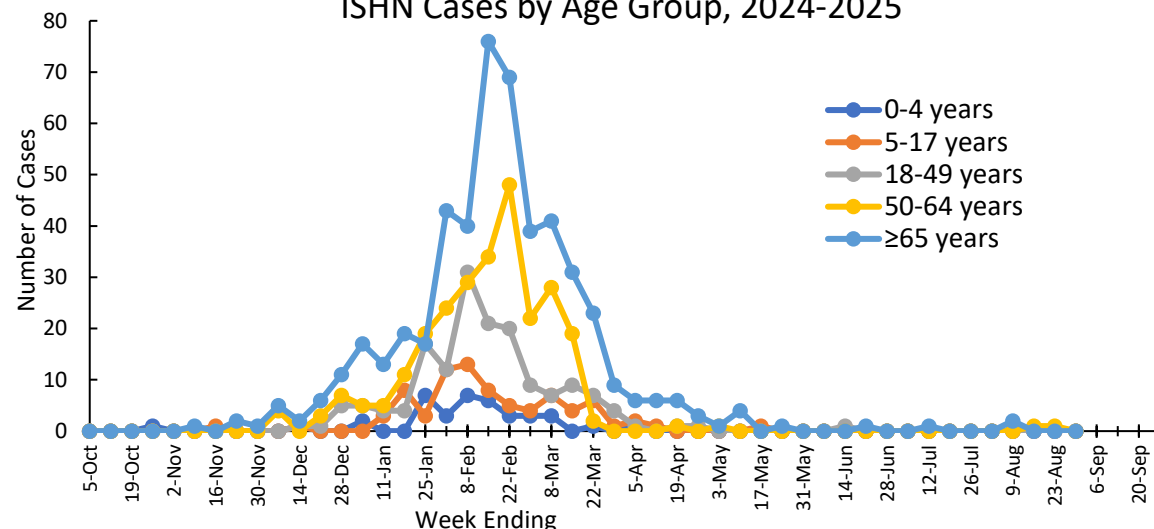
Join the ISHN! The [ISHN](#) is a voluntary group of hospitals in Michigan that complete a survey reporting weekly aggregates of influenza hospitalizations by age group. Data from this survey can help inform public health in rapidly recognizing changes in the age or geographic distribution of influenza in this population.

For more information on how to join, contact Val Tellez Nunez at TellezNunezV@michigan.gov

Number of Sites & Hospitalizations by Region during this time period:

| | C | N | SE | SW | Total |
|-------------------------------|----------|----------|----------|----------|----------|
| Reporting Sites | 4 | 1 | 0 | 5 | 10 |
| Hospitalizations | 0 | 0 | 0 | 0 | 0 |
| Total Hospitalizations | 0 | 0 | 0 | 0 | 0 |

ISHN Cases by Age Group, 2024-2025



Additional Resources

- [MDHHS Influenza Webpage](#) and [Influenza Surveillance in MI](#)
- [MDHHS Seasonal Respiratory Viruses Dashboard](#)
- [MDHHS Flu Vaccination Dashboard](#)
- [MDHHS Bureau of Laboratories \(BOL\) Webpage](#)
 - [Test Request Forms](#)
- [Immunization Action Coalition: Ask the Experts - Flu](#)
- [CDC FluView Report](#)

View Michigan Flu Focus Report archives [here](#).

MDHHS Contributors

Bureau of Infectious Disease Prevention: A. Eaton, MPH, L. Leegwater, MPH, S. Kim, MPH, V. Tellez Nunez, MPH
Bureau of Laboratories: K. Margulieux, PhD, V. Vavricka, MS