



Michigan Flu Focus

Weekly Influenza Surveillance Report

May 2, 2025

Vol. 22; No. 30

Week Ending April 26, 2025 | WEEK 17

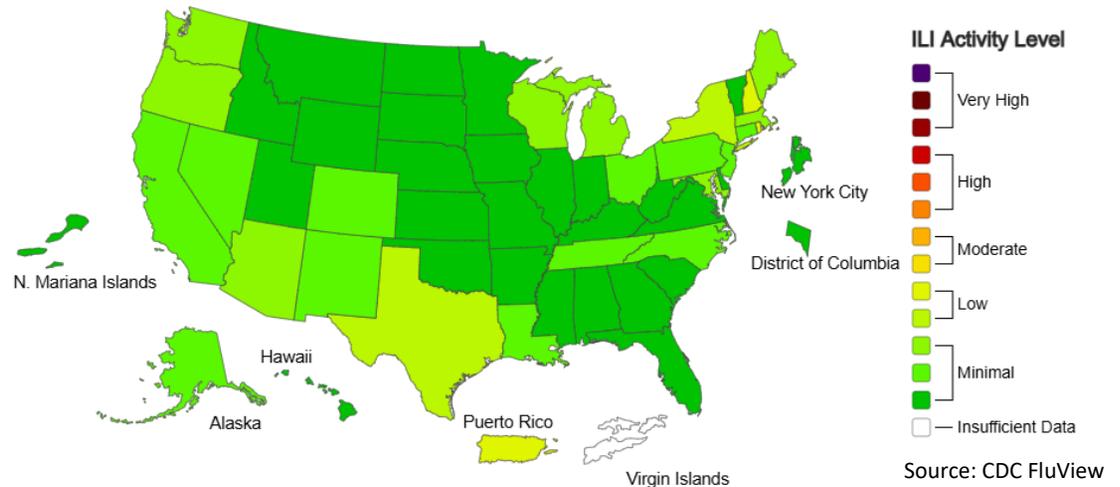
Editor: Sue Kim, MPH

Data provided in this report are preliminary and will be updated as additional data are received

Outpatient Respiratory Illness Activity Map Determined by Data Reported to ILINet

This system monitors visits for respiratory illness that includes fever plus a cough or sore throat, also referred to as ILI, not laboratory confirmed influenza and may capture patient visits due to other respiratory pathogens that cause similar symptoms.

2024-25 Influenza Season Week 17 ending Apr 26, 2025



Note: This map represents U.S. ILI activity levels reported to ILINet. The display used in past seasons showing Geographic spread of influenza has been suspended for the 2024-2025 influenza season

Updates of Interest

The Michigan Department of Health and Human Services (MDHHS) has confirmed three additional influenza-associated pediatric deaths. All three of the reported deaths were associated with influenza A viruses. These will be included in the National report for Week 18 and brings the current confirmed total to ten (10) in Michigan for the 2024-2025 influenza season.

Seasonal Flu Vaccination Coverage

Michigan's goal is to vaccinate **4 million** residents during the 2024-2025 flu season.

As of **April 26, 2025, 2,802,930** Michiganders have received a flu vaccine (**73.2%** towards goal) for the 2024-2025 season.

For more info, please visit the [Michigan Respiratory Virus Dashboard](#)

Influenza-associated Pediatric Mortality

Nationally, **216** influenza-associated pediatric deaths have been reported for the 2024-2025 flu season.

Ten (10) influenza-associated pediatric deaths in Michigan have been confirmed by MDHHS for the 2024-2025 flu season.

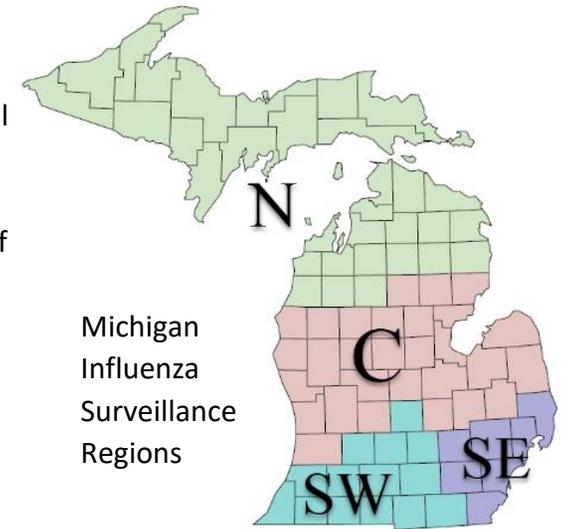
U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

Michigan participates in ILINet, a collaborative effort between the CDC, state and local health departments, and volunteer sentinel clinicians as part of Michigan’s influenza surveillance. ILINet provides data on the total number of outpatient visits to health care providers seen for any reason and the number of those patients with influenza-like illness (ILI[‡]). Participating Michigan emergency department and urgent care facilities send syndromic data voluntarily in near real-time to the Electronic Surveillance System for the Early Notification of Community Based Epidemics (ESSENCE). Discharge diagnosis and chief complaint data elements are used to determine whether visits meet the ILI case definition. Two hundred and thirty-one (231) Michigan facilities contributing data to ESSENCE have been validated and enrolled in ILINet.

[‡]ILI is defined as fever (>100°F) and a cough and/or a sore throat.

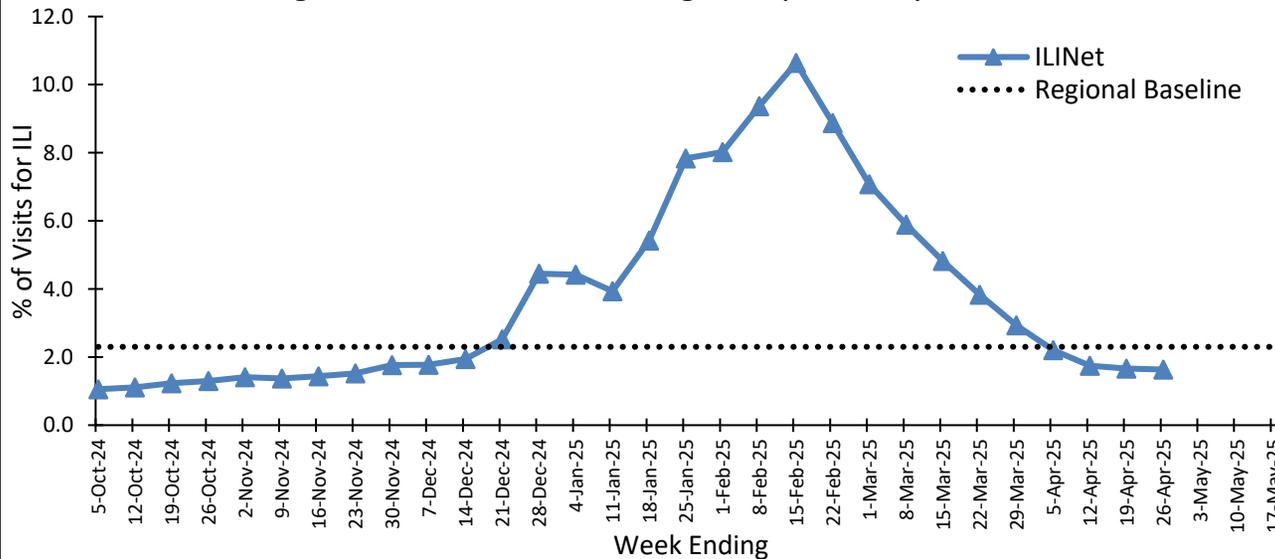
Number of Reports and ILI % by Region during this time period:

	C	N	SE	SW
# of Reporters (294)	113	32	114	35
ILI %	1.2	2.7	2.1	1.4



Michigan Influenza Surveillance Regions

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.

Michigan ILI Activity: **1.6%** ↓

(Last week: **1.7%**)

Regional Baseline*: 2.3%

A total of **2,384** patient visits due to ILI were reported out of **146,286** outpatient visits.

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

National Surveillance

In the United States, **2.2%** of outpatient visits were due to ILI (Last week: **2.3%**)

This is **below** the national baseline of 3.0%

Become an ILINET provider!

Contact Arianna Eaton at eatona4@michigan.gov

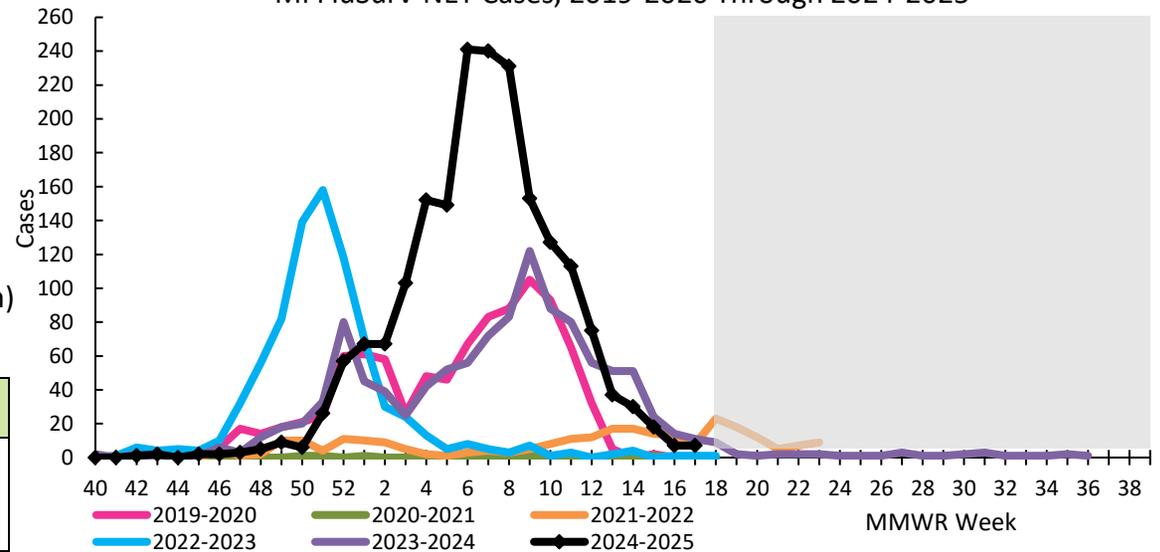
Influenza Hospitalization Surveillance Network (FluSurv-NET)

The CDC's Influenza Hospitalization Surveillance Network (FluSurv-NET) provides population-based rates of laboratory-confirmed influenza-associated hospitalizations from October 1st through April 30th each year. Michigan participates for Clinton, Eaton, Genesee, Ingham, and Washtenaw Counties. (Livingston County will be piloted during the 2024-2025 season)

of MI FSN cases reported for the 2024-2025 season:

	Pediatric	Adult	Total
Week 17 (Change from Previous Week)	0 (-1)	7 (+1)	7 (+0)
Cumulative Cases	197	1,733	1,930

MI FluSurv-NET Cases, 2019-2020 Through 2024-2025



Note: FSN was extended during the 2021-2022 season to Week 23 due to late season activity in 2022 and extended during the 2023-2024 season in response to the HPAI outbreak among dairy cattle
 Note: Livingston County was added as a pilot site for the 2024-2025 season

Influenza Sentinel Hospital Network (ISHN)

[ISHN](#) is a group of hospitals in Michigan that voluntarily report weekly aggregate counts of influenza hospitalizations by age group.

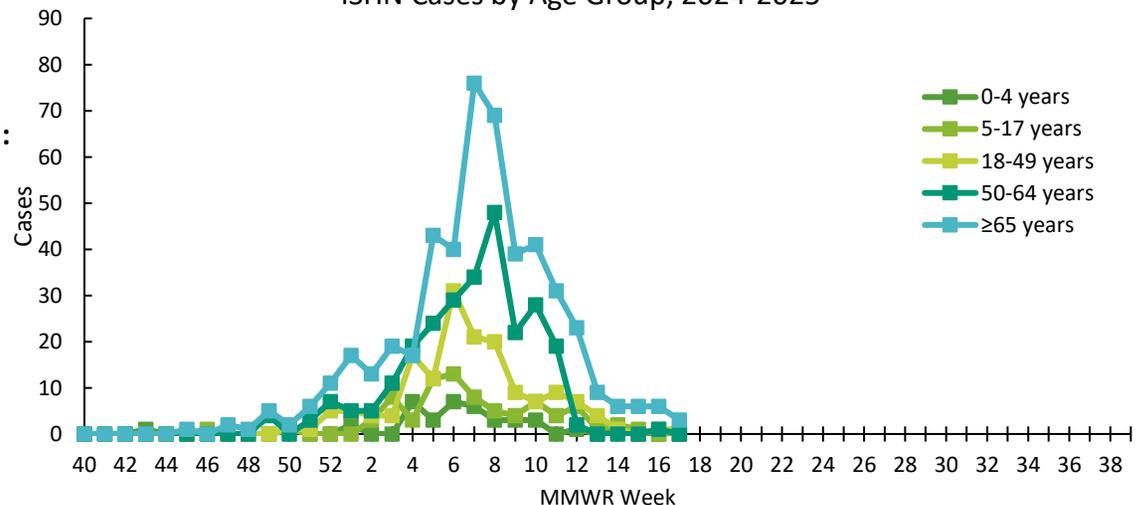
of Sites & Hospitalizations by Region during this time period:

Region	C	N	SE	SW	Total
Reporting Sites	4	1	0	4	9
Hospitalizations	1	0	0	3	4

Total # of Reported Hospitalizations for ISHN by Region:

Age Group	C	N	SE	SW	Total
0-4	0	0	0	38	38
5-17	0	0	0	79	79
18-49	22	6	0	132	160
50-64	72	24	0	165	261
65+	146	52	0	288	486
Total	240	82	0	702	1024

ISHN Cases by Age Group, 2024-2025



If you'd like to join ISHN, please contact
 Val Tellez Nunez at telleznunezv@michigan.gov

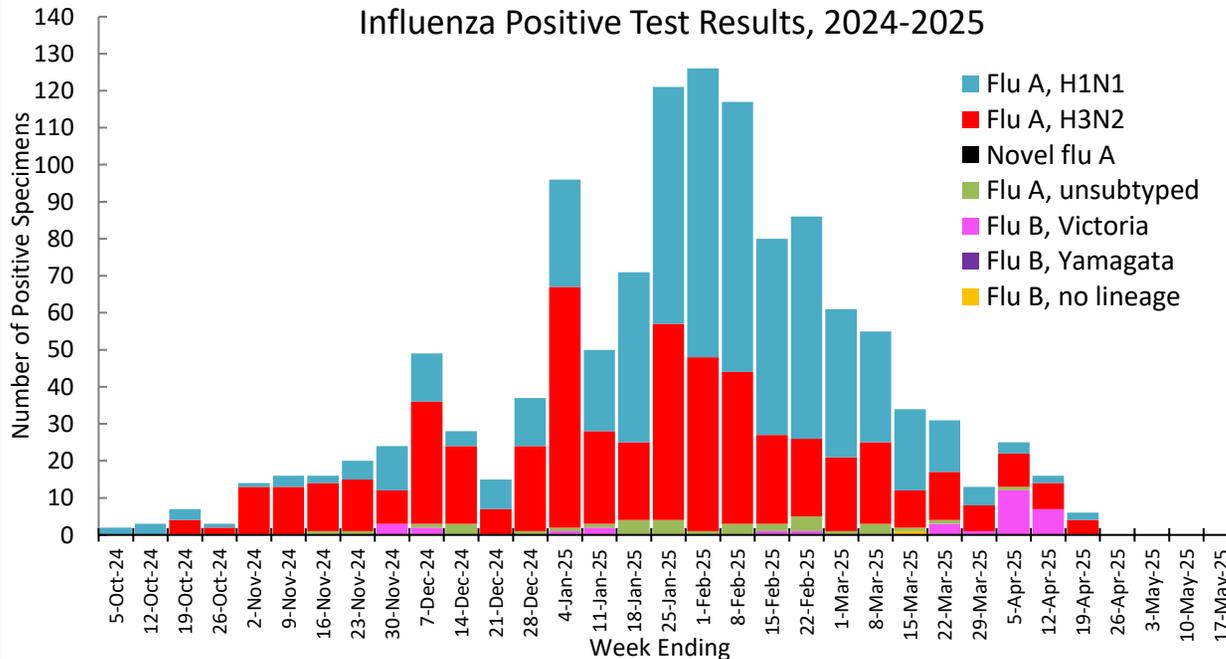
MDHHS Bureau of Laboratories (BOL) Virology Laboratory Data

There were **0** positive influenza results reported by the MDHHS Bureau of Laboratories (BOL) during this time period. Positive flu results for the 2024-2025 season are summarized below.

of Positive Influenza Virus Results by Region

	C	N	SE	SW	Total
Flu A H1N1	117	40	202	254	613
Flu A H3N2	135	9	197	200	541
Novel flu A*	0	0	0	0	0
Flu A unsubtype	7	1	8	18	34
Flu B Victoria	12	0	15	6	33
Flu B Yamagata	0	0	0	0	0
Flu B no lineage	0	0	1	0	1
Total	271	50	423	478	1,222

Influenza Positive Test Results, 2024-2025



Note: results are based on specimen collection date

-Novel influenza A result include: H5, H1N1v, H1N2v, H7N2v, H1v, H3v

Michigan Sentinel Clinical Lab Network

Respiratory Virus Data

Four (4) sentinel clinical labs (0SE, 1SW, 2C, 1N) reported for the week ending 4/26/2025.

Southeast Region

Influenza A:	No data available	↑ = Increase from previous week
Influenza B:	No data available	
SARS-CoV-2:	No data available	↓ = Decrease from previous week
Parainfluenza:	No data available	
RSV:	No data available	
Adenovirus:	No data available	→ = Similar to previous week
hMPV:	No data available	

Central Region

Influenza A:	Low ↓
Influenza B:	Low - elevated ↓
SARS-CoV-2:	Low ↓
Parainfluenza:	Low ↑
RSV:	Low ↓
Adenovirus:	Low ↑
hMPV:	Low - elevated ↑

Southwest Region

Influenza A:	Low ↑
Influenza B:	Low - elevated ↑
SARS-CoV-2:	Low ↑
Parainfluenza:	Sporadic ↑
RSV:	Low ↓
Adenovirus:	Sporadic →
hMPV:	Low ↑

North Region

Influenza A:	No activity →
Influenza B:	Low ↑
SARS-CoV-2:	Sporadic ↓
Parainfluenza:	Low ↑
RSV:	No activity →
Adenovirus:	No activity →
hMPV:	Sporadic - low →

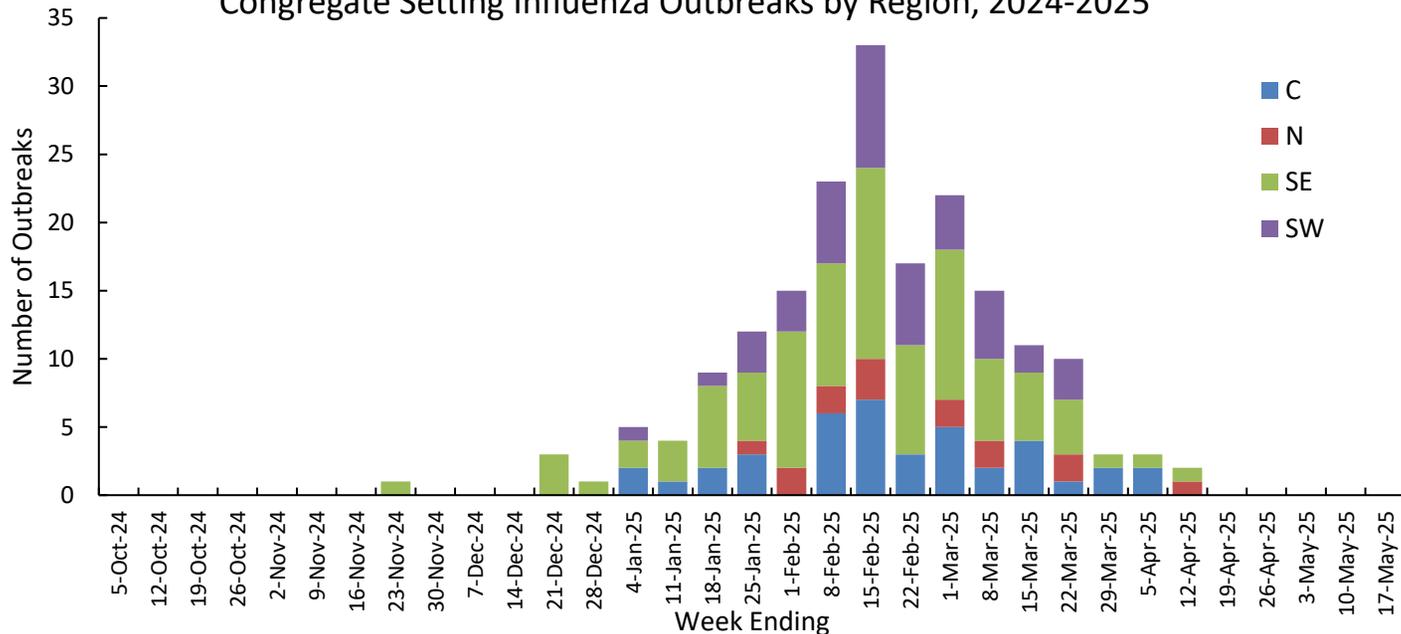
There were **0** (0C, 0N, 0SE, 0SW) confirmed influenza outbreaks reported to MDHHS during this time period. Influenza outbreaks for the 2024-2025 season are summarized below.

of Reported Influenza Outbreaks by Region

Facility Type	C	N	SE	SW	Total
Schools: K-12 & College	0	0	20	4	24
Long-term Care / Assisted Living Facility	38	14	59	31	142
Healthcare Facility	1	1	1	4	7
Daycare	1	0	5	1	7
Homeless Shelter	0	0	1	0	1
Correctional Facility	0	0	2	1	3
Other	0	0	3	2	5
Total	40	15	91	43	189

Note: Data are reported on outbreaks with laboratory confirmed influenza. Other non-influenza, non-COVID outbreaks, and ILI outbreaks without confirmatory influenza testing will not be reported in the table and graph.

Congregate Setting Influenza Outbreaks by Region, 2024-2025



Did you know?

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

- Influenza Guidance for [Local Health Departments \(LHDs\)](#), [Healthcare Providers](#), and [Laboratories](#)

Outbreak Response Resources:

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

For information on COVID-19 outbreaks, please visit the [Michigan Respiratory Virus Dashboard](#)

Underage workers, millions of dollars and trucks full of dead chickens — inside the business of killing in response to bird flu (Investigate Midwest)

A review of thousands of pages of Colorado depopulation inspection records and conversations with dozens of people who work behind the scenes has revealed:

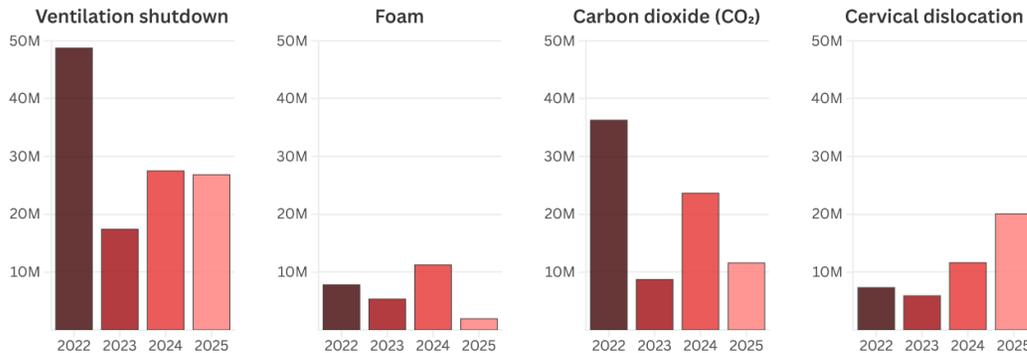
Underage workers, in some cases, have been hired to kill poultry flocks, handle dead carcasses and clean industrial poultry farms.

Workers sometimes lack personal protective equipment or receive damaged gear, despite the risk of the virus jumping from animals to people.

Dealing with a federal backlog, some farms have used killing methods considered inhumane because it can be quicker and cheaper.

From foam to heatstroke: The business of bird flu depopulation

Bird flu containment isn't just a public health challenge. It's a system of mass killing. Below is a breakdown of the number of birds culled by each method used by the poultry industry and federal contractors since 2022.



Influenza News Blast

- [The next pandemic is coming. Why experts say we need to prepare for bird flu now \(Livingston Daily\)](#)
- [Bird flu in cows shows no signs of adapting to humans — yet \(Science News\)](#)
- [HHS Announces Plans to Pay Moderna \\$176 Million for mRNA Flu Vaccine \(Pulmonology Advisor\)](#)
- [CDC cancels workshop on preventing human bird flu infections \(Reuters\)](#)
- [Elephant seals won't recover from bird flu for 100 years \(The Wildlife Society\)](#)
- [LISTEN: The Vaccine Confidence Crisis \(CIDRAP\)](#)

Additional Resources

- [MDHHS Respiratory Virus Dashboard](#)
- [MDHHS Influenza Webpage](#)
- [MDHHS Bureau of Laboratories \(BOL\) Flu Webpage and Test Request Forms](#)
- [Immunization Action Coalition: Ask the Experts - Flu](#)
- [National Wastewater Surveillance System \(CDC\)](#)
- [CDC FluView](#)
- [Vaccine finder \(vaccines.gov\)](#)

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

2024-2025 Influenza Season Preliminary Burden Estimates

The Centers for Disease Control and Prevention (CDC) have released [preliminary in-season burden estimates](#) for the 2024-2025 flu season.

Since October 1, 2024, CDC estimates that there have been between:

47 million – 82 million flu illnesses

21 million – 37 million flu medical visits

610,000 – 1.3 million flu hospitalizations

26,000 – 130,000 flu deaths

Updated May 2, 2025

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