TENNESSEE INFLUENZA WEEKLY REPORT

WEEK 37

September 8, 2024 - September 14, 2024

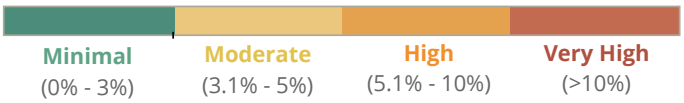
INFLUENZA ACTIVITY SNAPSHOT

SURVEILLANCE INDICATOR	TREND	CURRENT WEEK	PREVIOUS WEEK
ILLNESS Percentage of outpatient visits due to influenza-like illness (ILI)	▶	2.1%	2.1%
LABORATORY Percentage of positive specimens & predominant strain of influenza	▼	0.0% *n/a*	1.0% *Flu A (H1N1)*

	NEWLY REPORTED *during week of September 8, 2024*	SEASON TOTAL *since October 1, 2023*
OUTBREAKS 2 or more ill persons of a shared setting	0	16
DEATHS Newly reported and season total pediatric influenza-associated deaths in TN	0	6

INFLUENZA-LIKE ILLNESS (ILI)

Percent of Outpatient Visits for Influenza-Like Illness
Week 37



Minimal	Moderate	High	Very High
(0% - 3%)	(3.1% - 5%)	(5.1% - 10%)	(>10%)

The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) monitors outpatient visits for respiratory illness referred to as influenza-like illness (ILI). Tennessee has approximately 100 sentinel providers across the state that contribute this data weekly from a variety of healthcare setting such as primary care, pediatrics, county health departments, student health centers, and emergency departments.

ILI is defined as a fever plus cough or sore throat, not laboratory-confirmed influenza. Therefore these data may capture respiratory illness visits due to infection with any pathogen that can present with similar symptoms, including influenza, SARS-CoV-2, and RSV.

TN State Average	2.1%
Chattanooga/Hamilton County Metro	2.3%
East Region	1.8%
Jackson/Madison County Metro	0.7%
Knox County Metro	0.5%
Memphis/Shelby County Metro	2.8%
Mid Cumberland Region	1.5%
Nashville/Davidson County Metro	1.9%
Northeast Region	2.4%
Souteast Region	3.8%
South Central Region	0.0%
Sullivan County Metro	2.7%
Upper Cumberland Region	0.0%
West Region	0.0%

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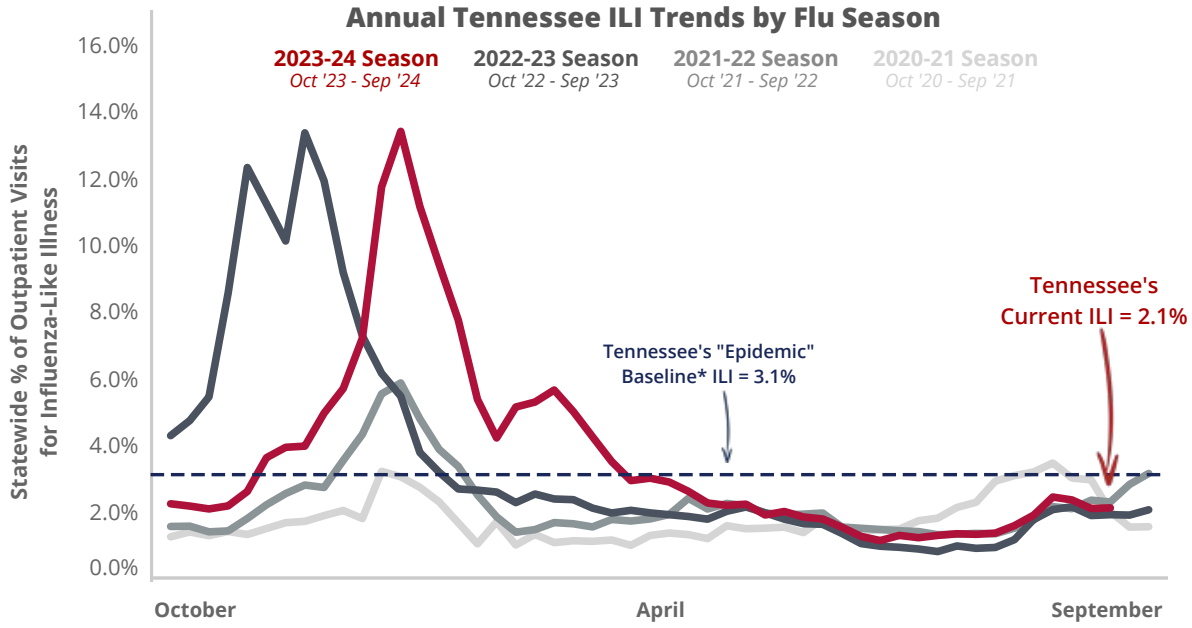
INFLUENZA-LIKE ILLNESS (ILI)



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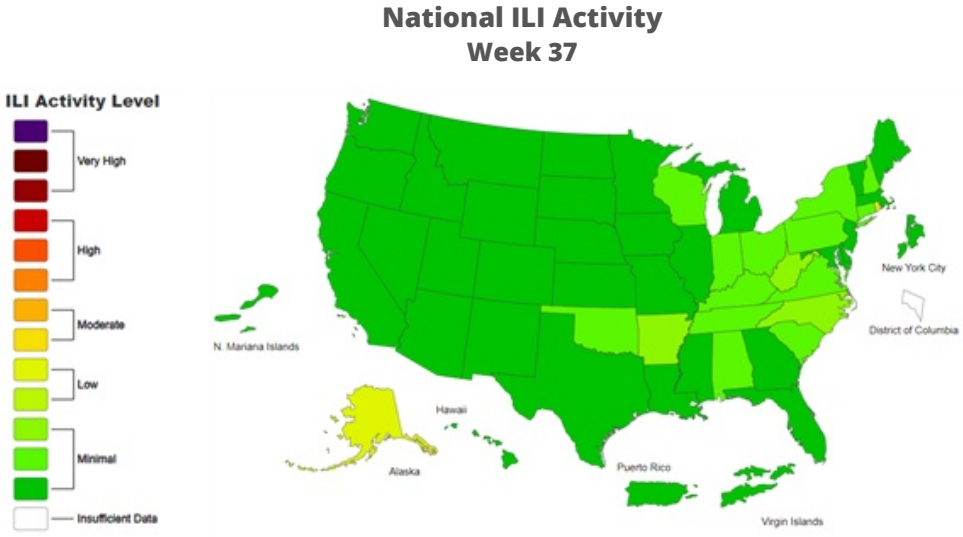
**CDC develops state-specific baselines by calculating the mean percentage of patient visits for ILI during non-influenza weeks for the most recent two seasons and adding two standard deviations (2021-2022 and 2022-2023). A non-influenza time period (e.g., a "non-influenza week") is defined as two or more consecutive weeks in which each week accounted for less than 2% of the season's total number of specimens that tested positive for influenza in public health laboratories.*



Map prepared by CDC's Influenza Division and visualizes outpatient respiratory illness activity determined by data reported to ILINet.
To access original source, visit: https://gis.cdc.gov/grasp/fluview/main.html

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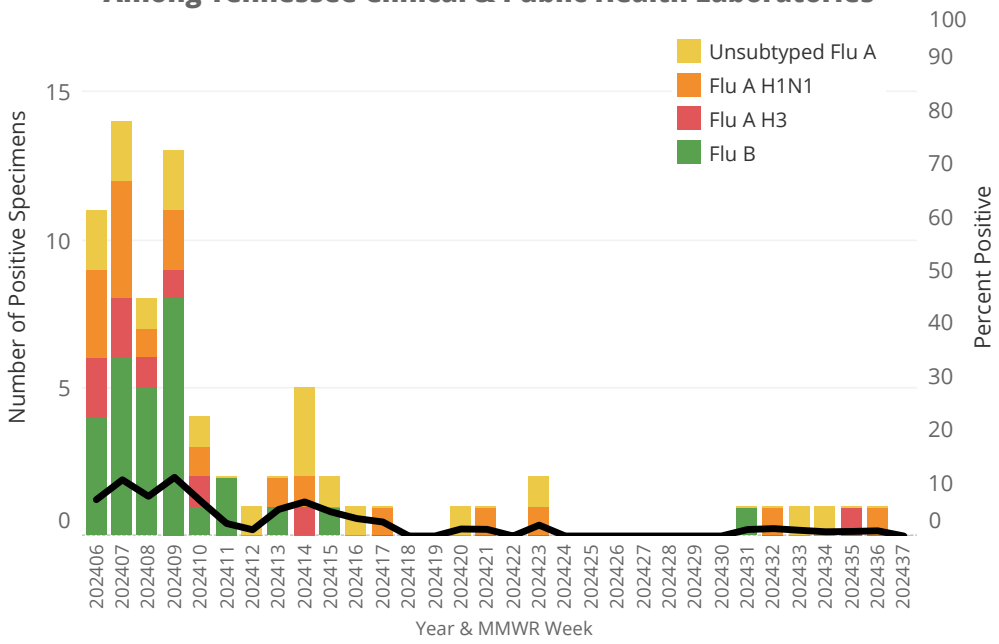
LABORATORY

Positive Tests by Influenza Type/Subtype and Percent Positivity Among Tennessee Clinical & Public Health Laboratories



Week 37

Total # Specimens Tested	130
Positive specimens by type/subtype	
Flu A H1N1	0
Flu A H3	0
Flu B	0
Unsubtyped Flu A	0
Percent Positive	0.0%

Influenza testing in Tennessee is represented as a combination of data from the state public health laboratory and two commercial laboratories that serve clinics across the state.

OUTBREAKS & DEATHS

Flu Outbreaks
Currently Open by Region

During the week of September 8, there were **0** open influenza outbreaks reported.

Influenza-Associated Pediatric Mortality
Season Total, Statewide

There have been **6** pediatric influenza-associated deaths reported in Tennessee this season (began October 1, 2023).

FOR MORE INFO

For questions regarding this report, the ILINet program, or influenza reporting, please contact:

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For additional information on influenza, please visit:

CDC's Weekly Flu Report: www.cdc.gov/flu/weekly/index.htm

TN's Archive of Weekly Flu Reports:
www.tn.gov/health/cedep/immunization-program/ip/flu-in-tennessee.html

CDC's Influenza Homepage: www.cdc.gov/flu/index.htm