





TENNESSEE INFLUENZA WEEKLY REPORT

WEEK
2

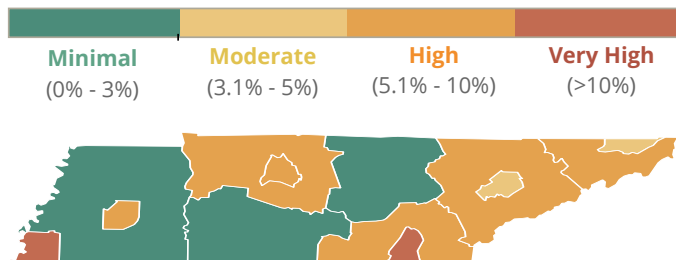
January 7, 2024 - January 13, 2024

INFLUENZA ACTIVITY SNAPSHOT

SURVEILLANCE INDICATOR	TREND	CURRENT WEEK	PREVIOUS WEEK
 ILLNESS Percentage of outpatient visits due to influenza-like illness (ILI)	▼	9.5%	11.1%
 LABORATORY Percentage of positive specimens & predominant strain of influenza	▲	21.5%	16.6%
		Flu B	Flu A
		NEWLY REPORTED	SEASON TOTAL
		<i>during week of January 7, 2024</i>	<i>since October 1, 2023</i>
 OUTBREAKS 2 or more ill persons of a shared setting		0	5
 DEATHS Newly reported and season total pediatric influenza-associated deaths in TN		0	2

INFLUENZA-LIKE ILLNESS (ILI)

Percent of Outpatient Visits for Influenza-Like Illness Week 2



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.

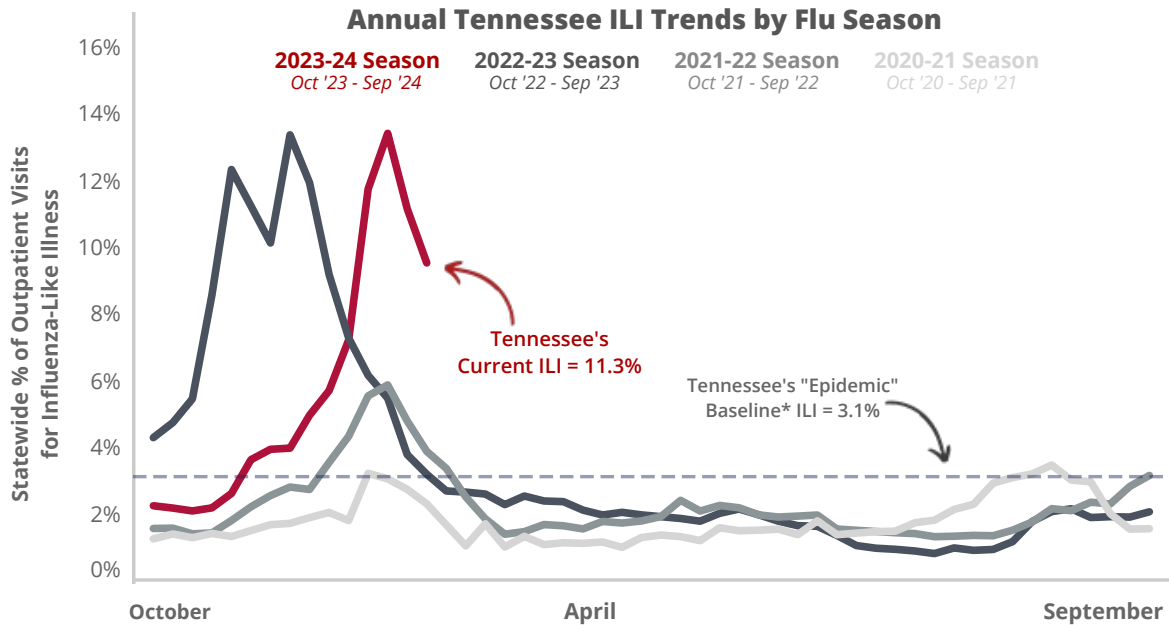
TN State Average	9.5%
Chattanooga/Hamilton County Metro	12.1%
East Region	6.7%
Jackson/Madison County Metro	6.1%
Knox County Metro	4.3%
Memphis/Shelby County Metro	15.6%
Mid Cumberland Region	6.3%
Nashville/Davidson County Metro	8.0%
Northeast Region	7.7%
Southeast Region	8.4%
South Central Region	0.0%
Sullivan County Metro	5.9%
Upper Cumberland Region	1.5%
West Region	2.6%

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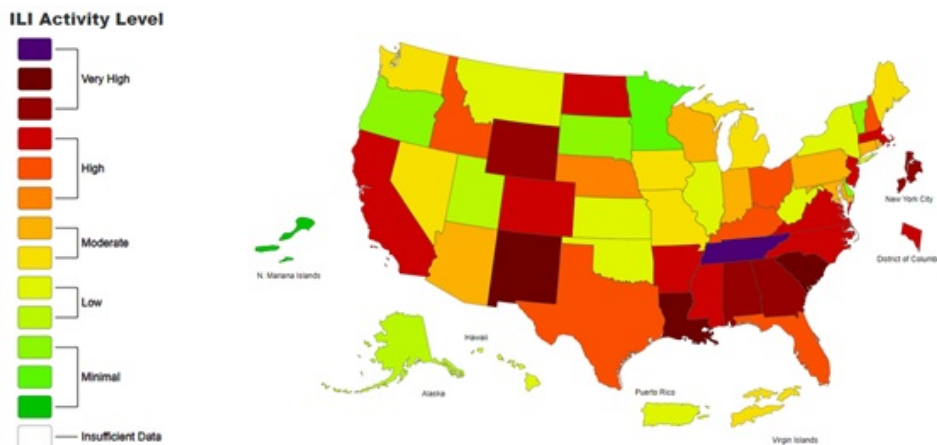
INFLUENZA-LIKE ILLNESS (ILI)



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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.

National ILI Activity Week 2



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>

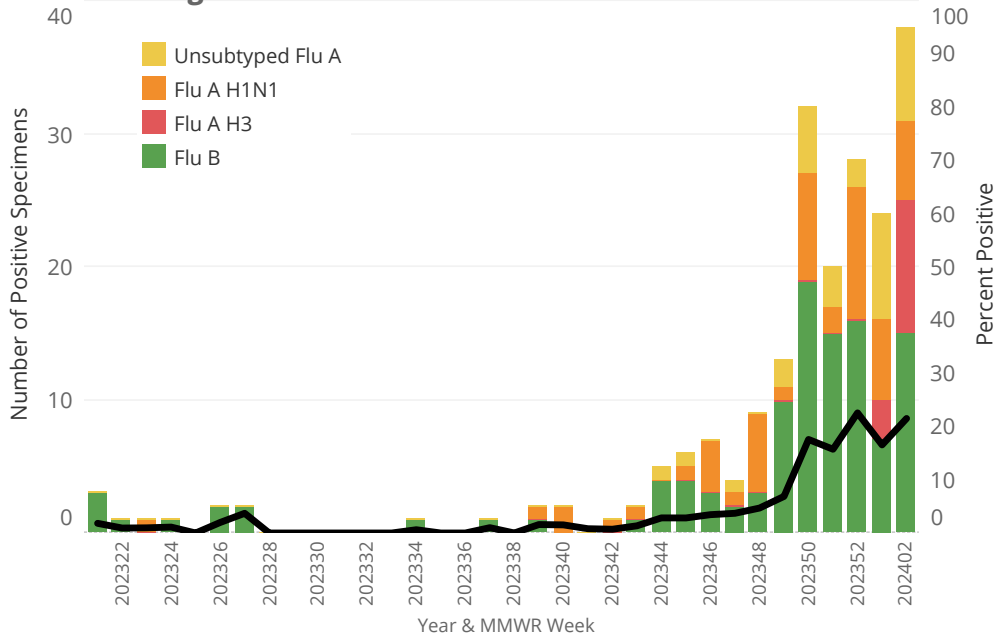
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LABORATORY

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



Week 2

Total # Specimens Tested 209

Positive specimens by type/subtype

Flu A H1N1	6
Flu A H3	10
Flu B	15
Unsubtyped Flu A	7

Percent Positive 21.5%

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 January 7, 2024, there were **4** open influenza outbreaks reported in Nashville/Davidson Metro, Upper Cumberland Region & East Region.

Influenza-Associated Pediatric Mortality Season Total, Statewide



There have been **2** pediatric influenza-associated death 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