





TENNESSEE INFLUENZA

WEEK
51

WEEKLY REPORT

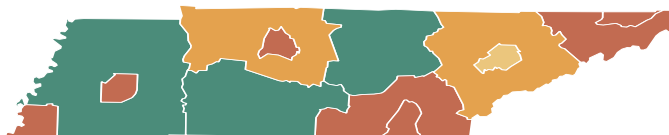
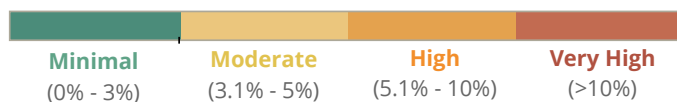
December 17, 2023 - December 23, 2023

INFLUENZA ACTIVITY SNAPSHOT

SURVEILLANCE INDICATOR	TREND	CURRENT WEEK	PREVIOUS WEEK
 ILLNESS Percentage of outpatient visits due to influenza-like illness (ILI)	▲	11.9%	7.2%
 LABORATORY Percentage of positive specimens & predominant strain of influenza	▼	15.1%	17.6%
		Flu B	Flu B
		NEWLY REPORTED	SEASON TOTAL
		<i>during week of December 17, 2023</i>	<i>since October 1, 2023</i>
 OUTBREAKS 2 or more ill persons of a shared setting		1	2
 DEATHS Newly reported and season total pediatric influenza-associated deaths in TN		1	1

INFLUENZA-LIKE ILLNESS (ILI)

Percent of Outpatient Visits for Influenza-Like Illness Week 51



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.

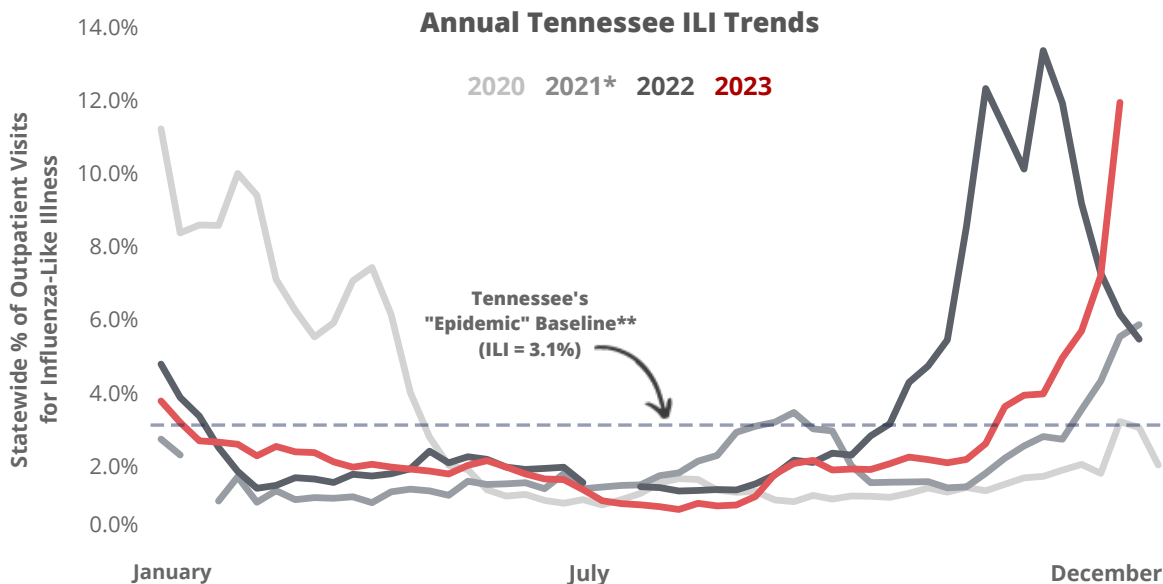
TN State Average	11.9%
Chattanooga/Hamilton County Metro	13.2%
East Region	6.7%
Jackson/Madison County Metro	13.6%
Knox County Metro	4.5%
Memphis/Shelby County Metro	19.5%
Mid Cumberland Region	7.1%
Nashville/Davidson County Metro	9.4%
Northeast Region	12.5%
Southeast Region	11.8%
South Central Region	0.0%
Sullivan County Metro	9.0%
Upper Cumberland Region	1.4%
West Region	2.1%

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INFLUENZA-LIKE ILLNESS (ILI)



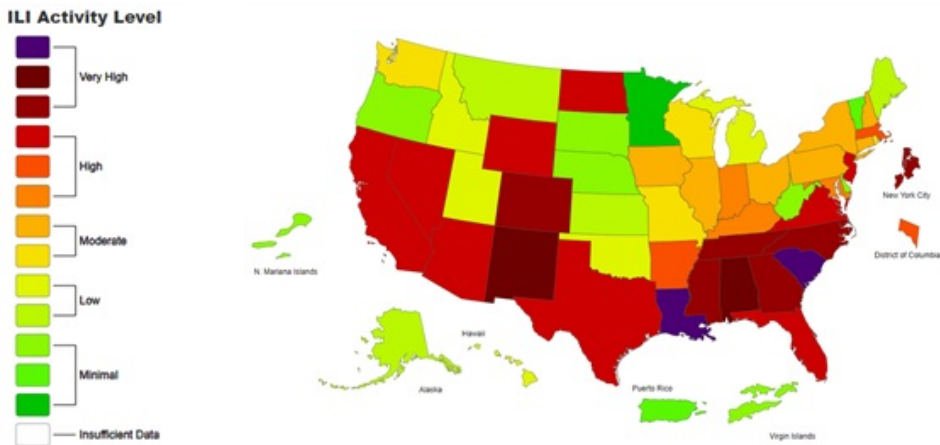
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*Effective October 3, 2021 (week 40), the ILI definition (fever plus cough or sore throat) no longer includes "without a known cause other than influenza."

**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 50 (December 10 - December 16)

Note: Delay in national reporting due to holiday



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>

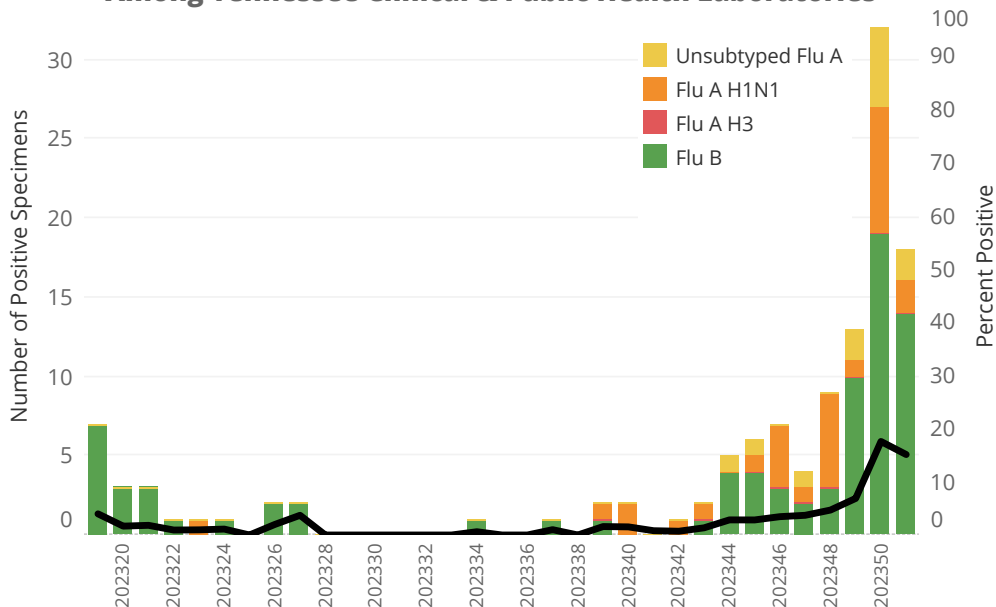
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LABORATORY

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



Week 51

Total # Specimens Tested 119

Positive specimens by type/subtype

Flu A H1N1	2
Flu A H3	0
Flu B	14
Unsubtyped Flu A	2

Percent Positive 15.1%

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 December 17, 2023, there was **1** open influenza outbreak reported in Nashville/Davidson.

**Influenza-Associated Pediatric Mortality
Season Total, Statewide**



There has been **1** 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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Or, the Vaccine Preventable Diseases Team
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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