

## Sentinel Provider Influenza-Like Illness (ILI) Surveillance Summary For the Week of November 22-28, 2009 (Week 47)

Summary for	# Providers reporting	Total Providers	Total Regional ILI	Total Regional Patients	% ILI	Comparison to State*
Chattanooga-Hamilton County	4	5	6	412	1.5%	
East Tennessee Region	5	7	18	1357	1.3%	
Jackson-Madison County	1	1	12	1023	1.2%	
Knoxville-Knox County	4	4	37	1301	2.8%	higher
Mid-Cumberland Region	9	12	19	856	2.2%	
Memphis-Shelby County	2	9	1	304	0.3%	lower
Nashville-Davidson County	6	6	63	990	6.4%	higher
Northeast Region	1	3	0	210	0.0%	lower
South Central Region	2	3	0	117	0.0%	
Southeast Region	5	5	7	649	1.1%	
Sullivan County	2	2	2	343	0.6%	
Upper Cumberland Region	5	5	6	669	0.9%	lower
West Tennessee Region	4	6	0	187	0.0%	
State of Tennessee	50	68	171	8418	2.03%	

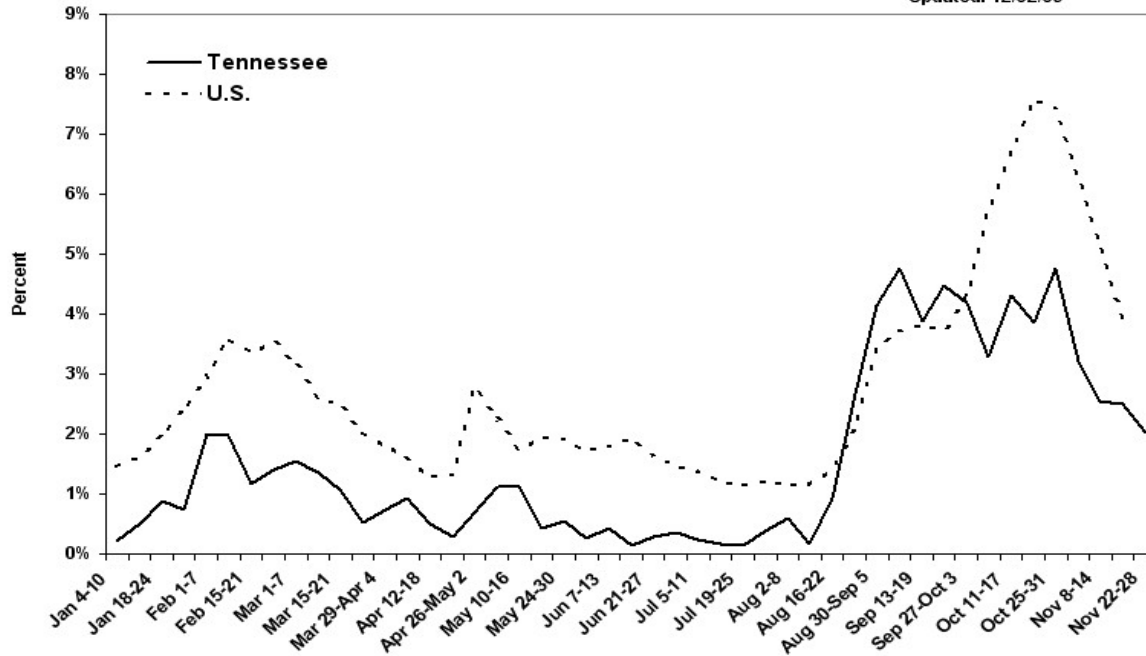
**The percentage of patients with ILI reported by the TN SPN was 2.03% for Week 47 - down from 2.49% reported in Week 46. Of 48 specimens tested, 10 (20.8%) were positive by PCR for influenza: 100% were pandemic H1N1. ILI is defined as fever > 100°F (37.8°C) plus cough and/or sore throat, in the absence of a known cause (other than influenza). Classification of ILI is based upon symptoms only and does not require any test. The SPN Protocol (eff. Sept 1, 2009): SPs report ILI by the end of Tuesday following the end of the reporting week; collect and ship specimens from ILI cases on Mondays and/or Wednesdays (maximum 10/wk) using the SPN Specimen Collection Form dated 8/21/09. Complete the lab supply order form to receive new specimen collection supplies.**

The CDC reports that the percentage of patients visiting outpatient healthcare providers in the Sentinel Provider Network (SPN) with influenza-like-illness (ILI) when influenza viruses are not circulating is expected to fall at or below a specific SPN baseline [nationwide = 2.2%, East South Central region (AL, TN, MS, KY) = 2.4%]. When the percentage of patients with ILI exceeds this baseline, this suggests that influenza viruses may be circulating.

\*The percentage of influenza-like-illness patients seen in each region is compared to the statewide average. Regions with percentages statistically-significantly different from the state average are noted as "higher" or "lower."

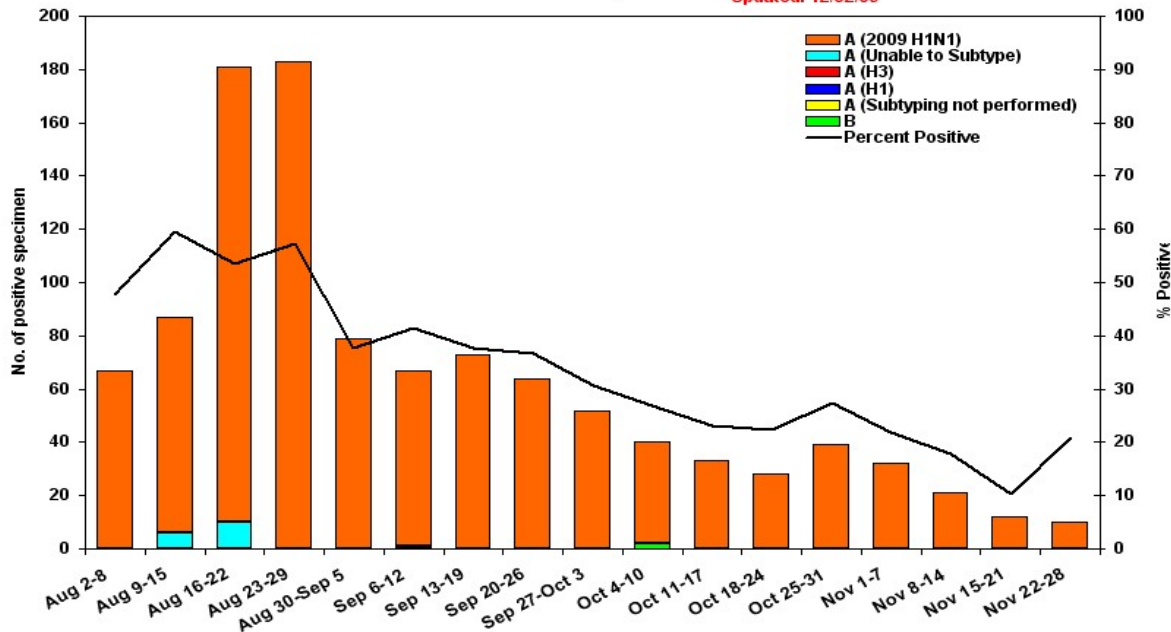
Percentage of Outpatient Visits Reported by the U.S. and Tennessee Outpatient Influenza-like Illness Surveillance Network (ILINet) as Influenza-like Illness

Updated: 12/02/09



Influenza Positive Tests Submitted to TN Dept. of Health Laboratory Services, Tennessee, 2009

Updated: 12/02/09



State Public Health Laboratory

Influenza PCR - specimens from all sources

Month 2009	Report Week	# Rec'd	Pan H1N1	A (H1)	A (H3)	B
Oct.	41	143	33	0	0	0
	42	125	28	0	0	0
	43	142	39	0	0	0
Nov.	44	147	32	0	0	0
	45	107	21	0	0	0
	46	99	12	0	0	0
	47	48	10	0	0	0
Dec.	48					
	49					

Laboratory testing is done specifically for Seasonal A (H1) A(H3) & B virus subtypes, in addition to Pandemic A (H1). Non-subtyped and non-subtypable results are no longer reported in this chart or on the state map.

All Sentinel Provider specimens MUST now be accompanied by the SPN Influenza Submission form dated 8/21/2009, or testing will not be done.

This table shows all specimens tested by the State Lab. The state lab policy for influenza testing is at <http://health.state.tn.us/H1N1.htm#hcp>.

**Important Information**

[www.cdc.gov](http://www.cdc.gov) AND <http://health.state.tn.us/H1N1.htm>

Submit weekly reports to: <http://www2a.cdc.gov/ilinet/> or Fax 888-232-1322

**State Lab:**

• Jerry Hindman or Susan McCool 615-262-6351 or 6374

**SPN Questions:**

• Regional SPN Coordinator (see map)  
• Robb Garman or Robert Taylor 800-404-3006 or 615-741-


# Influenza confirmed by culture or PCR in Tennessee from specimens collected by any source within the past 6 weeks.

October 18, 2009 to November 28, 2009

- Strains are reported by county of case residence or, if unknown, county where the specimen was collected.
- Counties where influenza sentinel providers are located are identified with bold boundary lines.
- Stars marks counties with large metropolitan populations (Memphis, Jackson, Nashville, Chattanooga, Knoxville, and the Tri-Cities area)
- Novel 2009 H1N1 results are for confirmed cases identified by PCR testing; counties with their first Novel 2009 H1N1 positive result in the past 6 weeks are indicated by diagonal striping.



 Pandemic A (H1N1)

 1<sup>st</sup> Pandemic A (H1N1) in past 6 weeks

 Seasonal A (H1)

 Seasonal A(H3)

 Seasonal B

# TENNESSEE SENTINEL PROVIDER NETWORK

