

Sentinel Provider Influenza-Like Illness (ILI) Surveillance Summary For the Week of May 16-22, 2010 (Week 20)

Summary for	# Providers reporting	Total Providers	Total Regional ILI	Total Regional Patients	% ILI	Comparison to State*
Chattanooga-Hamilton County	5	5	0	513	0.0%	
East Tennessee Region	5	7	0	1791	0.0%	
Jackson-Madison County	1	1	3	905	0.3%	higher
Knoxville-Knox County	4	4	0	1097	0.0%	
Mid-Cumberland Region	7	11	0	495	0.0%	
Memphis-Shelby County	3	9	0	712	0.0%	
Nashville-Davidson County	4	6	3	840	0.4%	higher
Northeast Region	2	3	1	290	0.3%	
South Central Region	3	3	0	300	0.0%	
Southeast Region	4	5	1	501	0.2%	
Sullivan County	1	2	0	201	0.0%	
Upper Cumberland Region	4	5	0	641	0.0%	
West Tennessee Region	5	6	0	454	0.0%	
State of Tennessee	48	67	8	8740	0.09%	

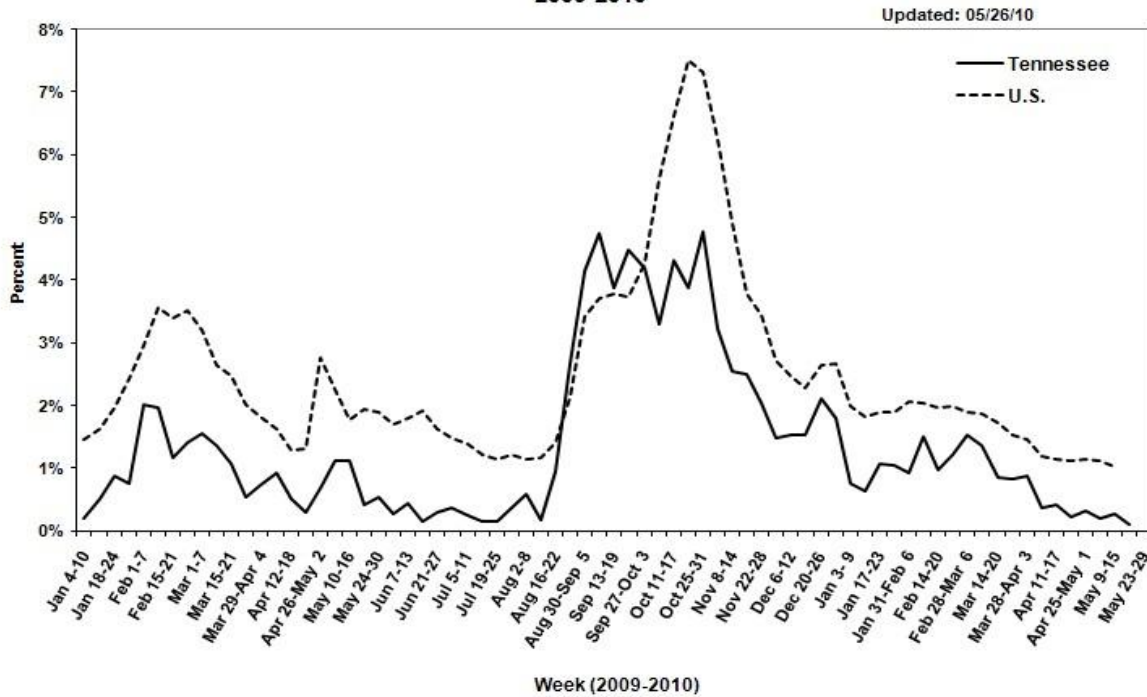
The percentage of patients with ILI reported by the TN SPN in Week 20 decreased to 0.09% as compared to 0.28% in Week 19. Of 5 specimens tested, none (0.0%) were positive by PCR for influenza virus; no Tennessee counties have had a positive PCR result in the past 6 weeks.

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, Tuesdays and 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, 2009-2010

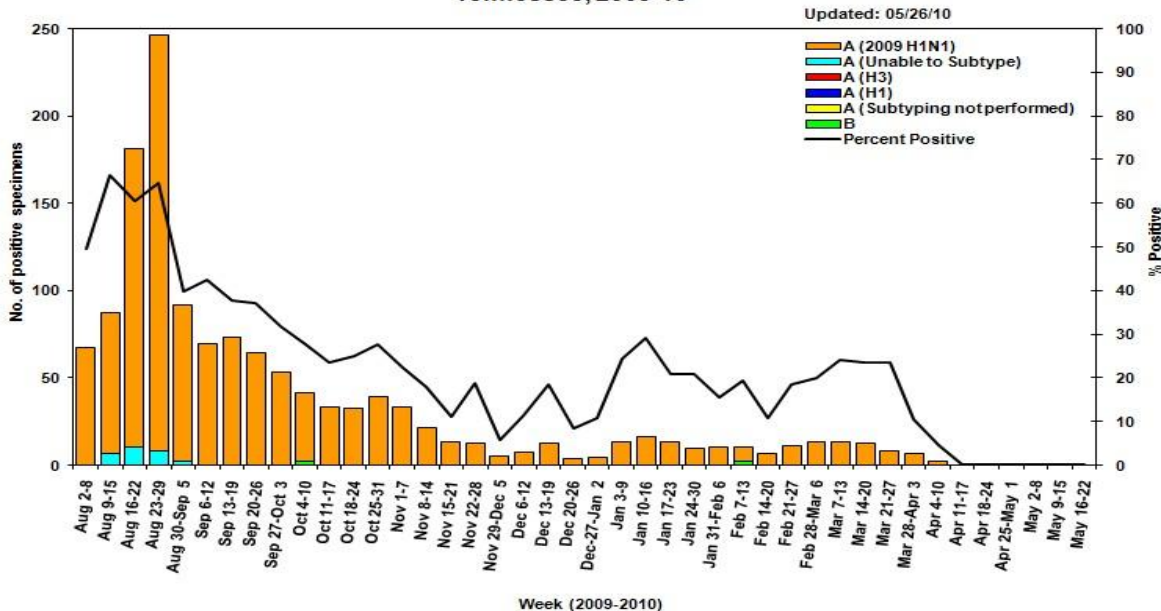


State Public Health Laboratory

Influenza PCR - specimens from all sources

Month 2009	Report Week	# Recd	Pan H1N1	A (H1)	A (H3)	B
Apr.	13	57	6	0	0	0
	14	44	2	0	0	0
	15	15	0	0	0	0
	16	8	0	0	0	0
	17	15	0	0	0	0
May	18	12	0	0	0	0
	19	4	0	0	0	0
	20	5	0	0	0	0
	21					

Influenza Positive Tests Submitted to TN Dept. of Health Laboratory Services, Tennessee, 2009-10



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 not 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 AND <http://www.cdc.gov/flu/weekly/>

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

State Lab:

• Susan McCool 615-262-6351

SPN Questions:

• Regional SPN Coordinator (see map)
 • Robb Garman or Robert Taylor 800-404-3006 or 615-741-7247

TENNESSEE SENTINEL PROVIDER NETWORK

