

Sentinel Provider Influenza-Like Illness (ILI) Surveillance Summary For the Week of October 4-10, 2009 (Week 40)

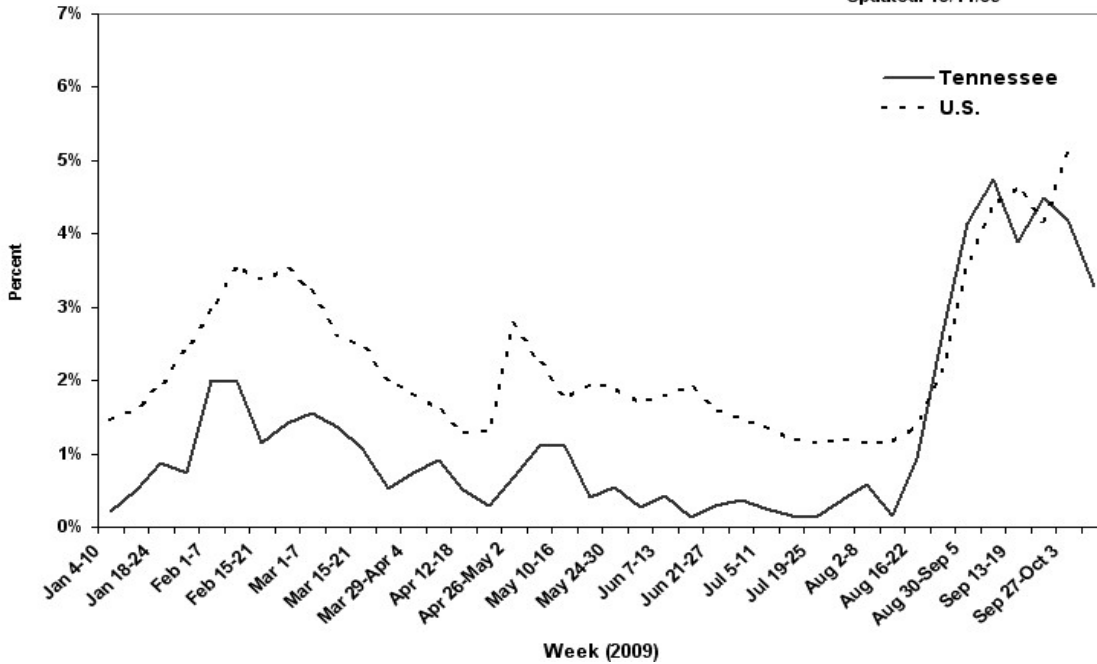
Summary for	# Providers reporting	Total Providers	Total Regional ILI	Total Regional Patients	% ILI	Comparison to State*
Chattanooga-Hamilton County	2	4	11	345	3.2%	
East Tennessee Region	5	7	135	3920	3.4%	
Jackson-Madison County	1	1	21	1283	1.6%	lower
Knoxville-Knox County	3	5	41	1353	3.0%	
Mid-Cumberland Region	8	12	97	1574	6.2%	higher
Memphis-Shelby County	2	4	3	617	0.5%	lower
Nashville-Davidson County	4	6	48	1647	2.9%	
Northeast Region	1	3	1	355	0.3%	lower
South Central Region	3	3	4	288	1.4%	
Southeast Region	3	5	26	510	5.1%	higher
Sullivan County	0	2	0	0	0.0%	
Upper Cumberland Region	5	5	55	1325	4.2%	
West Tennessee Region	4	6	7	417	1.7%	
State of Tennessee	41	63	449	13634	3.29%	

The percentage of patients with ILI reported by the TN SPN was 3.29% for Week 40 - down from 4.19% reported in Week 39. Of 126 specimens tested, 33 (26.2%) were positive by PCR for influenza: 32/33 (96.7%) were pandemic H1N1, 1/33 (3.3%) was seasonal B. Sentinel Providers (SPs): please note that CDC's ILI reporting format (not reflected in this summary report) will have new age groupings (0-4y, 5-24y, 25-49y, 50-64y, 65+y) for ILI reporting starting the week of October 4-10. 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.

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."

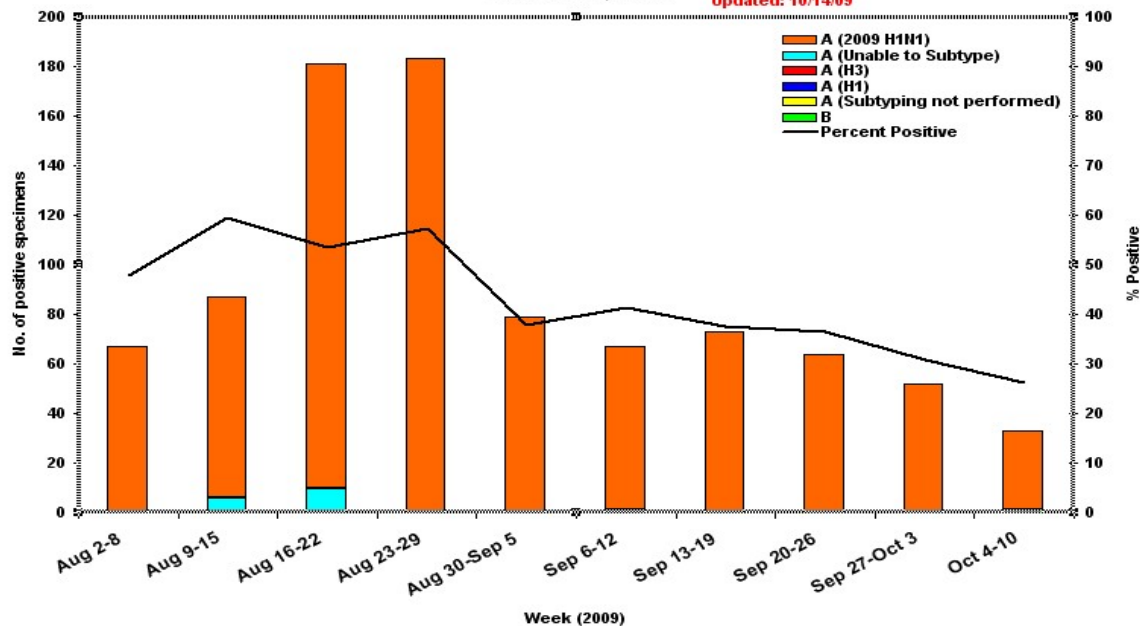
Percentage of Outpatient Visits Reported by the U.S. and Tennessee Outpatient Influenza-like Illness Surveillance Network (ILINet) as Influenza-like Illness
Updated: 10/14/09



State Public Health Laboratory
Influenza PCR - specimens from all sources

Month 2009	Report Week	# Rec'd	Pan H1N1	A (H1)	A (H3)	B
Aug.	35	209	79	0	0	0
Sept.	36	162	66	0	1	0
	37	194	73	0	0	0
	38	175	64	0	0	0
	39	169	52	0	0	0
Oct.	40	126	32	0	0	1
	41					
	42					
Nov.	43					

Influenza Positive Tests Submitted to TN Dept. of Health Laboratory Services, Tennessee, 2009
Updated: 10/14/09



Laboratory testing is now 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.

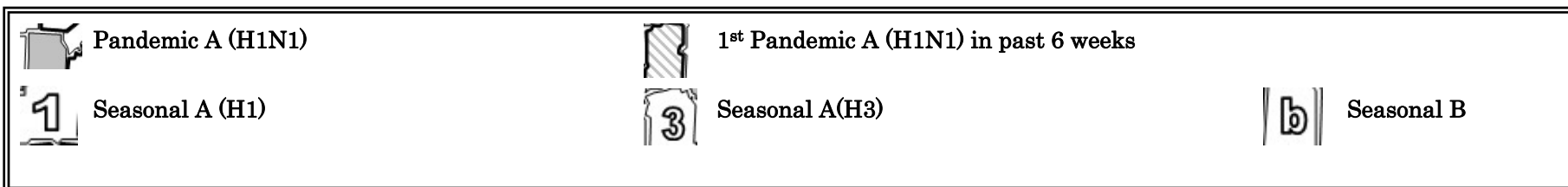
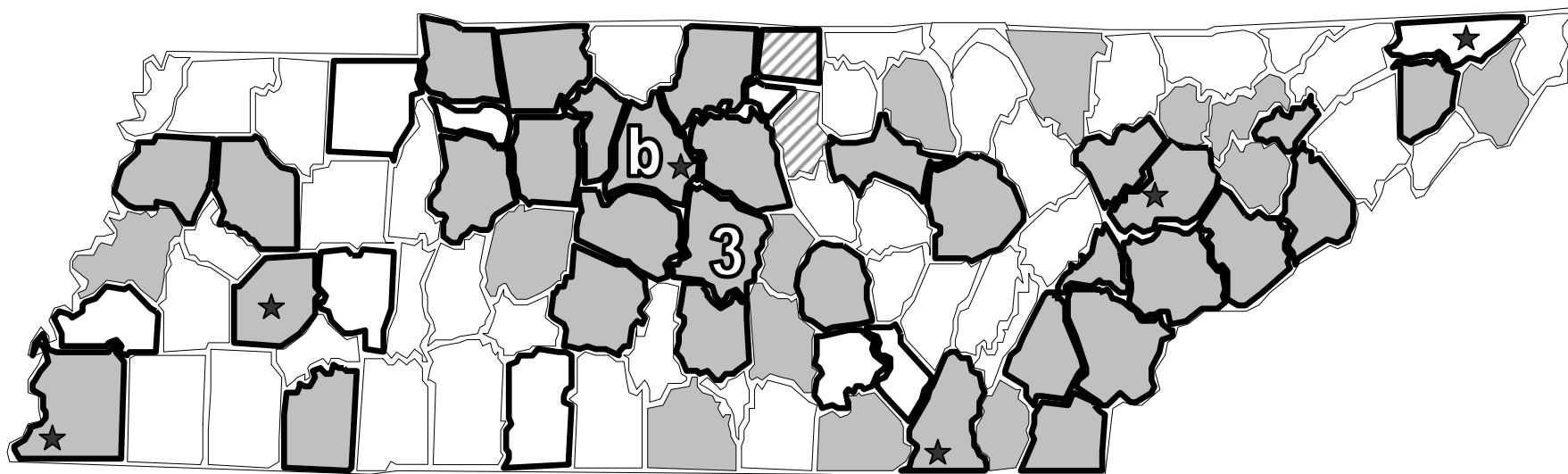
All Sentinel Provider specimens MUST now be accompanied by the SPN Influenza Submission form dated 8/21/2009, or testing will not be done.

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>.

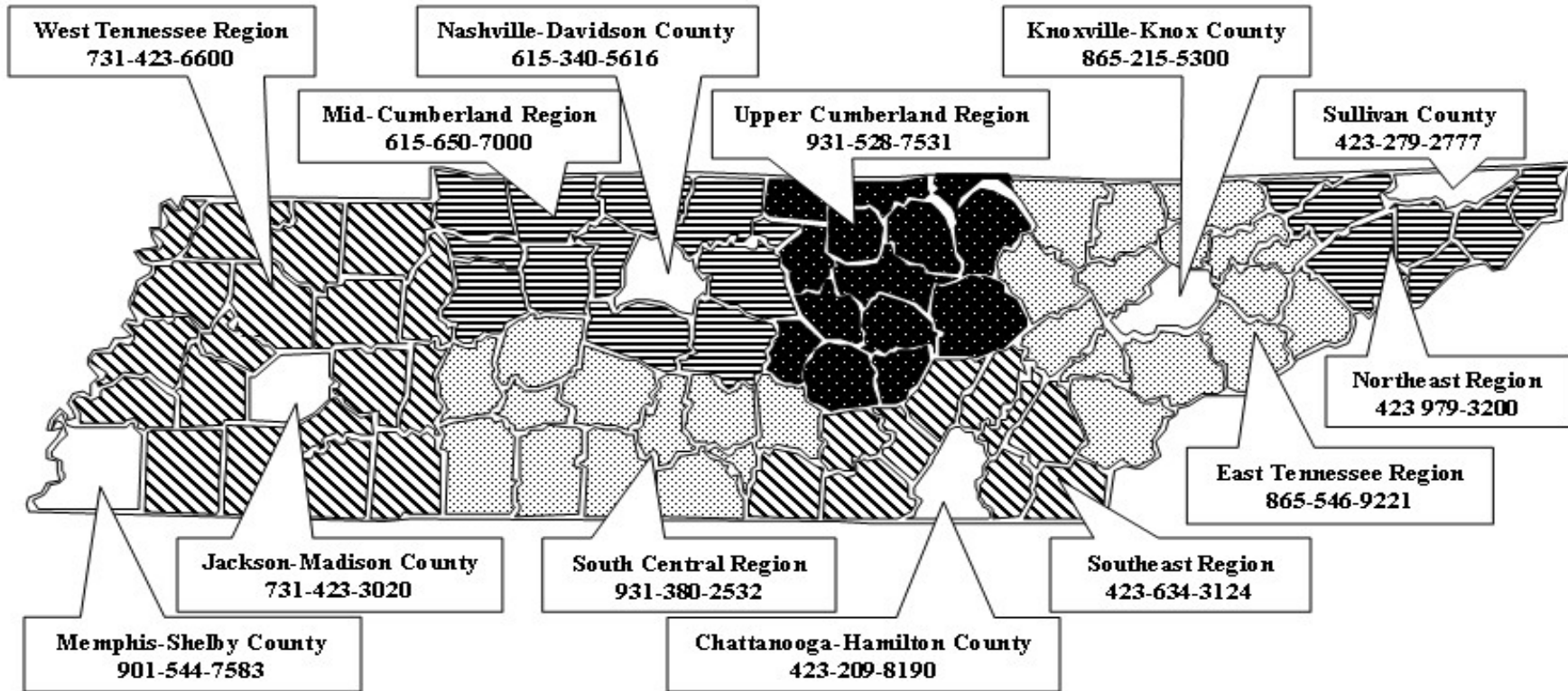
Influenza confirmed by culture or PCR in Tennessee from specimens collected by any source within the past 6 weeks.

August 30, 2009 to October 10, 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.



TENNESSEE SENTINEL PROVIDER NETWORK



Important Information

Novel influenza: www.cdc.gov or
<http://health.state.tn.us/H1N1.htm>

Submit weekly reports to:
www.ncid.cdc.gov/flu/ 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 615-741-7247