

Sentinel Provider Influenza-Like Illness (ILI)¹ Surveillance Summary For the Week of October 10-16, 2010 (Week 41)

Summary for	# Providers reporting	Total Providers	Total Regional ILI	Total Regional Patients	% ILI	Comparison to State ²
Chattanooga-Hamilton County	4	5	0	745	0.0%	
East Tennessee Region	6	7	1	2645	0.0%	lower
Jackson-Madison County	1	1	20	845	2.4%	higher
Knoxville-Knox County	3	4	3	955	0.3%	
Mid-Cumberland Region	4	10	1	823	0.1%	
Memphis-Shelby County	2	5	0	663	0.0%	
Nashville-Davidson County	2	6	13	1339	1.0%	higher
Northeast Region	3	3	0	513	0.0%	
South Central Region	3	3	0	215	0.0%	
Southeast Region	2	4	0	154	0.0%	
Sullivan County	2	2	4	331	1.2%	higher
Upper Cumberland Region	5	5	0	942	0.0%	
West Tennessee Region	6	6	0	359	0.0%	
State of Tennessee	43	61	42	10529	0.40%	

Important News for Sentinel Providers:

Surveillance Summary Publication Change:

Because the new respiratory viral panel (RVP) test takes 2 days to complete, this report will be distributed each Thursday to include final lab results from all specimens submitted in the previous week.

Specimen Collection Change:

The new RVP test requires specimens from the nasopharynx (NP swab). Specimens from any other site (such as the oropharynx) will not be tested.

This is the second report of the official 2010-2011 influenza season, which traditionally begins on October 1 each year. The percentage (%) of patients with ILI reported by the TN SPN in Week 41 was 0.40% as compared to 0.36% in Week 40. Of 8 specimens received in Week 41, 2 tested positive for rhinovirus. No other respiratory viruses, including influenza, were detected by RVP. Although 0 specimens have been detected through ILINet, 2 hospitals (Memphis, Nashville) that independently conduct PCR testing have notified us of 6 patients confirmed by PCR (not rapid tests) with influenza B this month.

State Public Health Laboratory
Respiratory Viral Panel

Number of Positive Specimens, by week

Month	Oct. 2010	
Week	Current	40
Total specimens tested	8	17
Influenza A H1N1	0	0
Influenza A H3N2	0	0
Influenza B	0	0
Respiratory Syncytial Virus A	0	0
Respiratory Syncytial Virus B	0	0
Parainfluenza 1	0	0
Parainfluenza 2	0	0
Parainfluenza 3	0	0
Rhinovirus	2	6
Metapneumovirus	0	0
Adenovirus	0	0

Reference Information for Sentinel Provider Network

1 Influenza-like illness (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.

2 The % of patients with ILI seen in each region is compared to the statewide average. Regions with % statistically-significantly different from the state average are noted as “higher” or “lower.” 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) = 2.3%]. When the percentage of patients with ILI exceeds this baseline, this suggests that influenza viruses may be circulating.

Important information for Sentinel Providers

Sentinel Providers report ILI by the end of Tuesday following the end of the reporting week (www2a.cdc.gov/ilinet) and collect and ship specimens from ILI cases Monday through Thursday (maximum 10/week per provider). All Sentinel Provider specimens MUST be accompanied by the Influenza and Respiratory Viral Panel Submission form dated 8/18/2010, or testing will not be done. The Respiratory Viral Panel is only validated for nasopharyngeal (NP) specimens. Specimens collected from other sites cannot be tested.

Additional laboratory supplies can be obtained by completing the lab order supply form. To ensure the order is filled, please include the CDC Provider ID Code.

Contact Information

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

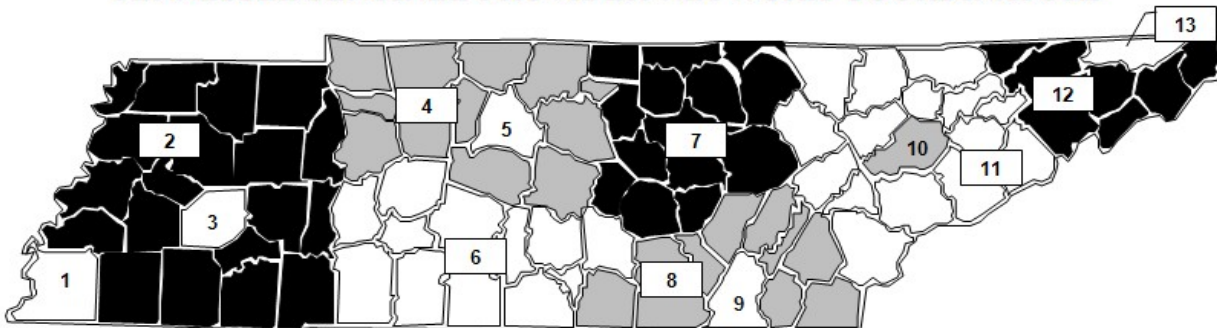
State Lab: Susan McCool 615-262-6351

SPN Questions:

State: Robb Garman or Robert Taylor 800-404-3006 OR 615-741-7247

County/Region: Regional SPN Coordinator (see map)

TENNESSEE SENTINEL PROVIDER NETWORK COORDINATORS



1	Shelby County	901-544-6991
2	West TN Region	731-423-6600
3	Jackson-Madison County	731-423-3020
4	Mid-Cumberland Region	615-650-7000
5	Nashville-Davidson County	615-340-5616
6	South Central Region	931-380-2532
7	Upper Cumberland Region	931-528-7531
8	Southeast Region	423-634-3124
9	Chattanooga-Hamilton County	423-209-8190
10	Knoxville-Knox County	865-215-5300
11	East TN Region	865-546-9221
12	Northeast Region	423-979-3200
13	Sullivan County	423-279-7545