### Sentinel Provider Influenza-Like Illness (ILI) Surveillance Summary

**For the Week of August 15-21, 2010 (Week 33)**

<table>
<thead>
<tr>
<th>Summary for</th>
<th># Providers reporting</th>
<th>Total Providers</th>
<th>Total Regional ILI</th>
<th>Total Regional Patients</th>
<th>% ILI</th>
<th>Comparison to State*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chattanooga-Hamilton County</td>
<td>4</td>
<td>5</td>
<td>0</td>
<td>479</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>East Tennessee Region</td>
<td>5</td>
<td>7</td>
<td>0</td>
<td>2532</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>Jackson-Madison County</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>810</td>
<td>0.1%</td>
<td></td>
</tr>
<tr>
<td>Knoxville-Knox County</td>
<td>3</td>
<td>4</td>
<td>0</td>
<td>1403</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>Mid-Cumberland Region</td>
<td>3</td>
<td>11</td>
<td>0</td>
<td>118</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>Memphis-Shelby County</td>
<td>1</td>
<td>6</td>
<td>0</td>
<td>73</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>Nashville-Davidson County</td>
<td>4</td>
<td>6</td>
<td>1</td>
<td>841</td>
<td>0.1%</td>
<td></td>
</tr>
<tr>
<td>Northeast Region</td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>270</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>South Central Region</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>293</td>
<td>0.7%  higher</td>
<td></td>
</tr>
<tr>
<td>Southeast Region</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>641</td>
<td>0.2%</td>
<td></td>
</tr>
<tr>
<td>Sullivan County</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>275</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>Upper Cumberland Region</td>
<td>3</td>
<td>5</td>
<td>0</td>
<td>525</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>West Tennessee Region</td>
<td>5</td>
<td>6</td>
<td>0</td>
<td>550</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>State of Tennessee</td>
<td>39</td>
<td>63</td>
<td>5</td>
<td>8810</td>
<td>0.06%</td>
<td></td>
</tr>
</tbody>
</table>

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The percentage of patients with ILI reported by the TN SPN in Week 33 was 0.06% as compared to 0.02% in Week 32. No specimens were received for testing during Week 33. No Tennessee counties have had a positive PCR result in the past 19 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.”
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 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://health.state.tn.us/H1N1.htm

Submit weekly reports to:
http://www2a.cdc.gov/illinet/ 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

- West Tennessee Region
  731-423-6600

- Nashville-Davidson County
  615-340-5616

- Mid-Cumberland Region
  615-650-7000

- Upper Cumberland Region
  931-528-7531

- Knoxville-Knox County
  865-215-5300

- Sullivan County
  423-279-2777

- Northeast Region
  423-979-3200

- East Tennessee Region
  865-546-9221

- Jackson-Madison County
  731-423-3020

- South Central Region
  931-380-2532

- Chattanooga-Hamilton County
  423-634-3124

- Memphis-Shelby County
  901-544-7583