The percentage of patients with ILI reported in Week 21 was 0.62% as compared to 0.38% in Week 20. To date, 172 specimens from Week 21 have been tested by TDH Laboratory Services and two commercial laboratories that serve hospitals and clinics across Tennessee; 1 (0.6%) tested positive for influenza.

**SPN sites should submit specimens year-round from ALL patients meeting the ILI case definition:** Fever > 100°F (37.8°C) plus cough and/or sore throat, in the absence of a known cause (other than influenza). Case definition is not dependent on any test. If you have questions, contact your regional or state SPN representative. The TDH specimen submission form dated September 2015 should be used.

Specimens are critical to be able to track the geographic spread and intensity of seasonal influenza viruses, to detect the emergence of novel virus and/or antiviral resistance and provide data for vaccine strain selections.

**Respiratory Viral Panel**

**Number of Positive Specimens, by week**

<table>
<thead>
<tr>
<th>Month/Week</th>
<th>#</th>
<th>Flu A (H1N1)</th>
<th>Flu A (H3)</th>
<th>Unsub. Flu A</th>
<th>Flu B</th>
<th>RSV A</th>
<th>Parflu 3</th>
<th>Rhino</th>
<th>Meta-pneumo</th>
<th>Adeno</th>
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<tbody>
<tr>
<td><strong>May</strong></td>
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<td><strong>April</strong></td>
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<td>7</td>
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</table>
Percentage of Outpatient Visits Reported by the U.S. and Tennessee Outpatient
Influenza-like Illness Surveillance Network (ILINet) as Influenza-like Illness, 2017-2018

Updated: June 1, 2018

Week (May 28, 2017 - May 26, 2018)

Influenza Positive Tests Submitted to TN Dept. of Health Laboratory Services
Tennessee, 2017-2018

Updated: June 1, 2018

Week (May 28, 2017 - May 26, 2018)
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 Wednesday following the end of the reporting week (https://wwwn.cdc.gov/illinet/) 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 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:  https://wwwn.cdc.gov/illinet/  OR  Fax 888-232-1322
State Lab:  Bryan Mason (Virology, Respiratory Viral Panel)  615-262-6300
SPN Questions:
State:  Robb Garman 800-404-3006  OR  615-741-7247
County/Region:  Regional SPN Coordinator (see map)