Week 18 (May 3 — May 9, 2015) Synopsis

During week 18 there was sporadic influenza activity in Georgia with minimal occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 1.15%, which is below the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was SPORADIC during week 17.
- **Metro Area Hospitalizations:** There were 0 hospitalizations due to influenza infection during week 18. There have been 1,455 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed influenza-associated death during week 18. There have been 28 confirmed influenza-associated deaths as of 5/15/2015.
- **Reported Influenza Outbreaks:** There were 0 influenza-associated outbreaks during week 18. There have been 34 influenza-related outbreaks so far this season.
- **Viral Surveillance:** Of the 273 Specimens tested and reported by the Georgia Public Health Laboratory (GPHL) and the National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories during week 18, 5 (1.83%) were positive for influenza.
- **RSV Viral Surveillance:** Of the 220 specimens tested and reported by the Georgia Public Health Laboratory (GPHL) and the National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories during week 18, the percent positive of ALL laboratory confirmed tests was 5.91%.

ILINet Provider Network Data

This Week: 1.15% of patients seen in ILINet Provider offices were diagnosed with ILI.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.
During week 18 those aged 0 to 24 years were most often seen with ILI symptoms by ILINet providers.

This graph displays the number of patients seen at sentinel provider offices and diagnosed with ILI in the past week. The data are stratified by age-group.

ILI Activity Levels (1 - 10) correspond to the number of standard deviations away from the 3-year mean for the current week.

This week the intensity level is: **Minimal = 1**

This Week’s Flu Code is: **SPORADIC**

Sporadic = ILI activity has not increased and there are isolated lab-confirmed cases of influenza in the state

OR

ILI activity has not increased and there is a lab confirmed influenza outbreak in one institution throughout the state.
During **week 18** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased.

**Daily Percent of ILI Syndrome Visits to Georgia Emergency**

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**Weekly Percent of ILI Syndrome Visits by Age Group**

- **Age Group 0-4**
- **Age Group 5-24**
- **Age Group 25-49**
- **Age Group 50-64**
- **Age Group 65+**
**Georgia Influenza-Associated Hospitalizations and Deaths**

**Influenza Hospitalizations in the eight county metro Atlanta area 2014-2015 (Emerging Infections Program data)**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Hospitalizations (8-County Metro-Area Only)</th>
<th>Hospitalization Rate (Cases/100,000 people)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>100 (6.9%)</td>
<td>37.11</td>
</tr>
<tr>
<td>5 - 17</td>
<td>119 (8.2%)</td>
<td>16.69</td>
</tr>
<tr>
<td>18 - 49</td>
<td>254 (17.5%)</td>
<td>13.97</td>
</tr>
<tr>
<td>50 - 64</td>
<td>243 (16.7%)</td>
<td>35.04</td>
</tr>
<tr>
<td>65+</td>
<td>739 (50.8%)</td>
<td>199.54</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,455</strong></td>
<td><strong>38.76</strong></td>
</tr>
</tbody>
</table>

**Influenza-Associated Deaths 2014-2015 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>1</td>
</tr>
<tr>
<td>5 - 17</td>
<td>0</td>
</tr>
<tr>
<td>18 - 49</td>
<td>5</td>
</tr>
<tr>
<td>50 - 64</td>
<td>3</td>
</tr>
<tr>
<td>65+</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>28</strong> (all confirmed influenza-associated deaths, 9/29/2014-5/15/2015)</td>
</tr>
</tbody>
</table>

**Influenza-Associated hospitalizations in the eight-county metro Atlanta area (Emerging Infections Program data)**

**Influenza-associated Deaths, Georgia, 2014-2015**

**Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area 2014-2015**
**Georgia Virologic Surveillance Data**

**Respiratory Syncytial Virus (RSV) Surveillance Data**

**Flu News**

*Avian influenza strikes again in South Dakota, Iowa*

*Egg Farms Hit Hard as Bird Flu Affects Millions of Hens*