Week 16 (Apr. 19 - Apr. 25, 2015) Synopsis

During week 16 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 0.78%, which is below the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 16.
- **Metro Area Hospitalizations:** There were **3 hospitalizations** due to influenza infection during week 16. There have been **1,441** hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were **0 confirmed influenza-associated death** during week 16. There have been **28 confirmed influenza-associated deaths** as of 5/1/2015.
- **Reported Influenza Outbreaks:** There were **0 influenza-associated outbreaks** during week 16. There have been **34 influenza-related outbreaks** so far this season.
- **Viral Surveillance:** Of the **250 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 16, **8 (3.20%)** were positive for influenza.
- **RSV Viral Surveillance:** Of the **76 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 16, the percent positive of ALL laboratory confirmed tests was **1.32%**.

### ILINet Provider Network Data

This Week: **0.78%** 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 16 those aged 0 to 24 years were most often seen with ILI symptoms by ILINet providers.

**Georgia ILI Intensity Indicator**

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**

**Georgia ILI Geographic Dispersion**

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 16 the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased.

**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 (8.3%)</td>
<td>16.69</td>
</tr>
<tr>
<td>18 - 49</td>
<td>248 (17.2%)</td>
<td>13.64</td>
</tr>
<tr>
<td>50 - 64</td>
<td>240 (16.7%)</td>
<td>34.61</td>
</tr>
<tr>
<td>65+</td>
<td>734 (50.9%)</td>
<td>198.19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,441</strong></td>
<td><strong>38.39</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></td>
</tr>
</tbody>
</table>

(All confirmed influenza-associated deaths, 9/29/2014-5/1/2015)
Georgia Virologic Surveillance Data

Respiratory Syncytial Virus (RSV) Surveillance Data

Note: Includes rapid tests reported from reference Laboratories and the Georgia Public Health Laboratory; not all positive laboratory results for influenza are reported to Public Health.

Flu News

Flu Scan:  H5N2 in Minnesota; Risk over dog flu virus

Flu Scan:  Flu ebbs further in US; Vietnamese H5N1 vaccine trial

Flu Scan:  Flu vaccine recall; H7N9 case in China; US flu declines further; FDA’s Flublok claims warning

Minnesota declares state of emergency over bird flu in poultry