Week 11 (Mar. 15 - Mar. 21, 2015) Synopsis

During week 11 there was local influenza activity in Georgia with moderate* occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 1.63%, which is below the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was LOCAL during week 11.
- **Metro Area Hospitalizations:** There were 14 hospitalizations due to influenza infection during week 11. There have been 1,271 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There was 1 confirmed influenza-associated death during week 11. There have been 28 confirmed influenza-associated deaths as of 3/27/2015.
- **Reported Influenza Outbreaks:** There were 0 influenza-associated outbreaks during week 11. There have been 34 influenza-related outbreaks so far this season.
- **Viral Surveillance:** Of the 357 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 11, 33 (9.24%) were positive for influenza.
- **RSV Viral Surveillance:** Of the 68 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 11, the percent positive of ALL laboratory confirmed tests was 10.29%.

*Due to technical difficulties, the influenza activity indicator was calculated with only half of the typical ILINet providers. For this reason influenza intensity may be overestimated. The ILINet percentage included in this report was calculated with all typical ILINet submitters data.

**ILINet Provider Network Data**

This Week: 1.63% 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 11 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: Moderate = 7*

*Due to technical difficulties, the influenza activity indicator was calculated with only half of the typical ILINet providers. For this reason influenza intensity may be overestimated.

Georgia ILI Geographic Dispersion

This Week’s Flu Code is: LOCAL

Local = Outbreaks of influenza

OR

Increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state
During **week 11** 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**

**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>98 (7.8%)</td>
<td>36.74</td>
</tr>
<tr>
<td>5 - 17</td>
<td>116 (9.1%)</td>
<td>16.27</td>
</tr>
<tr>
<td>18 - 49</td>
<td>222 (17.5%)</td>
<td>12.21</td>
</tr>
<tr>
<td>50 - 64</td>
<td>196 (15.4%)</td>
<td>28.26</td>
</tr>
<tr>
<td>65+</td>
<td>638 (50.2%)</td>
<td>172.27</td>
</tr>
<tr>
<td>Total</td>
<td>1,271 (For confirmation, these data are delayed)</td>
<td>33.86</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>Total</td>
<td>28</td>
</tr>
</tbody>
</table>

*(death data includes all confirmed influenza-associated deaths, 9/29/2014-3/27/2015)*

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

![Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area 2014-2015](image1)

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

![Influenza-associated Deaths, Georgia, 2014-2015](image2)
Georgia Virologic Surveillance Data

Respiratory Syncytial Virus (RSV) Surveillance Data

Flu News

As flu continues to ebb, CDC probes reports of rashes

Flu Scan: H7N9 evolution and threat to humans; H1N1 flu strains in India; WHO confirms H5N1 cases in Egypt