Week 13 (March 27 - April 2, 2016) Synopsis

During week 13 there was moderate influenza activity in Georgia with regional occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 2.94%, which is above the Georgia baseline of 1.6%.

- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **REGIONAL** during week 13.

- **Metro Area Hospitalizations:** There were 17 hospitalizations due to influenza infection during week 13. There have been 408 hospitalizations due to influenza infection so far this season.

- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 5 confirmed influenza-associated death as of 4/8/2016.

- **Viral Surveillance:** Of the 689 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 13, 109 (15.82%) were positive for influenza. Public Health Laboratories tested 27 specimens during week 13, 9 were positive for influenza.

- **Reported Influenza Outbreaks:** There were 0 outbreaks reported to public health during week 13. There have been 3 influenza-related outbreaks so far this season.

- **RSV Viral Surveillance:** Of the 365 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 13, the percent positive of **ALL** laboratory tests was 1.9%.

**Flu News**

**Flu Scan:** Global flu levels tapering; More H5N1 outbreaks in Nigeria

**Flu Scan:** Influenza D in cattle; Low-path avian flu in France
During week 13 those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.

During week 13 those under 24 years of age were most often seen with ILI symptoms by ILINet providers.
This Week’s Flu Code is:

**REGIONAL**

Regional = Outbreaks of influenza in ≥ 2 and less than half the regions OR increases in ILI activity in ≥ 2 and less than half of the regions and recent laboratory-confirmed influenza cases in the affected regions.

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**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**

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**Georgia ILI Geographic Dispersion**

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**ILI Activity Level Indicator - ILINet**

(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit [http://cdc.gov/flu/weekly/](http://cdc.gov/flu/weekly/)

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**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(This graph reflects geographic dispersion and is not an indicator of influenza severity.)
During week 13 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system remained relatively similar to the previous week.
Georgia Influenza-Associated Hospitalizations

<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>70 (17.2%)</td>
<td>25.98</td>
</tr>
<tr>
<td>5 - 17</td>
<td>43 (10.5%)</td>
<td>6.03</td>
</tr>
<tr>
<td>18 - 51</td>
<td>123 (30.1%)</td>
<td>6.77</td>
</tr>
<tr>
<td>51 - 64</td>
<td>86 (21.1%)</td>
<td>12.40</td>
</tr>
<tr>
<td>65+</td>
<td>86 (21.1%)</td>
<td>23.22</td>
</tr>
<tr>
<td>Total</td>
<td>408</td>
<td>10.87</td>
</tr>
</tbody>
</table>

Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area, 2015-2016

Georgia Influenza-Associated Deaths

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>0</td>
</tr>
<tr>
<td>5 - 17</td>
<td>0</td>
</tr>
<tr>
<td>18 - 51</td>
<td>1</td>
</tr>
<tr>
<td>51 - 64</td>
<td>2</td>
</tr>
<tr>
<td>65+</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>5</td>
</tr>
</tbody>
</table>

Influenza-associated Deaths, Georgia, 2015-2016
Georgia Virologic Surveillance Data

During week 13 Georgia clinical laboratories reporting to NREVSS tested 763 specimens for influenza, 109 (15.82%) were positive. The predominant strain identified was influenza A.

Note: No subtyping information will be released from clinical laboratories.

Respiratory Syncytial Virus (RSV) Surveillance Data

Public Health Laboratories tested 27 specimens for influenza during week 13, 9 were positive for Influenza. 5 specimens were positive for influenza B and 4 specimens were positive for influenza A.

RSV Season Status: OFF