Week 01 (Jan. 4 - Jan. 10, 2014) Synopsis

During week 01 there was regional influenza activity in Georgia with high occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 3.41%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was REGIONAL during week 01.
- **Metro Area Hospitalizations:** There were 23 hospitalizations due to influenza infection during week 01. There have been 917 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 3 confirmed influenza-associated deaths during week 01. There have been 20 confirmed influenza-associated deaths as of 1/16/2015.
- **Viral Surveillance:** Of the 1,162 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 01, 149 (12.82%) were positive for influenza.
- **Reported Influenza Outbreaks:** There was 1 influenza-related outbreak during week 01 and 2 influenza-associated outbreaks during week 02. There have been 29 influenza-related outbreaks so far this season.
- **RSV Viral Surveillance:** Of the 344 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 53, the percent positive of ALL laboratory confirmed tests was 19.48%.

**ILINet Provider Network Data**

This Week: 3.41% 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 01** 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: **High = 8**

**Georgia ILI Geographic Dispersion**

This Week’s Flu Code is: **REGIONAL**

Regional = Outbreaks of influenza

OR

Increases in ILI cases and recent laboratory-confirmed influenza cases in at least two but less than half the regions of the state with recent laboratory evidence of influenza in those regions.
During **week 01** 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**
**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>78 (8.5%)</td>
<td>28.95</td>
</tr>
<tr>
<td>5 - 17</td>
<td>96 (10.5%)</td>
<td>13.46</td>
</tr>
<tr>
<td>18 - 49</td>
<td>168 (18.3%)</td>
<td>9.24</td>
</tr>
<tr>
<td>50 - 64</td>
<td>131 (14.3%)</td>
<td>18.89</td>
</tr>
<tr>
<td>65+</td>
<td>444 (48.4%)</td>
<td>119.89</td>
</tr>
<tr>
<td>Total</td>
<td>917 (For confirmation, these data are delayed)</td>
<td>24.43</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>2</td>
</tr>
<tr>
<td>50 - 64</td>
<td>1</td>
</tr>
<tr>
<td>65+</td>
<td>16</td>
</tr>
<tr>
<td>Total</td>
<td>20 (death data includes all confirmed influenza-associated deaths, 9/29/2014-1/9/2014)</td>
</tr>
</tbody>
</table>

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**Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area 2014-2015**

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

Early Estimates of Seasonal Influenza Vaccine Effectiveness - United States, January 2015

Amid widespread flu, CDC calls for more antiviral use

Flu Scan: Global flu increase; More H7N9 cases in China; H5N2 in Taiwan