Week 08 (Feb. 22 - Feb. 28, 2015) Synopsis

During week 08 there was regional influenza activity in Georgia with low occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 2.71%, which is above the Georgia baseline of 2.1%.

- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **REGIONAL** during week 08.

- **Metro Area Hospitalizations:** There were **6 hospitalizations** due to influenza infection during week 08. There have been **1,127 hospitalizations** due to influenza infection so far this season.

- **Influenza Related Deaths:** There were **2 confirmed influenza-associated death** during week 08. There have been **27 confirmed influenza-associated deaths** as of 3/6/2015.

- **Reported Influenza Outbreaks:** There were **2 influenza-associated outbreaks** during week 08. There have been **34 influenza-related outbreaks** so far this season.

- **Viral Surveillance:** Of the **536** 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 08, **65 (12.13%)** were positive for influenza.

- **RSV Viral Surveillance:** Of the **123** 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 08, the percent positive of **ALL** laboratory confirmed tests was **14.63%**.

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**ILINet Provider Network Data**

This Week: **2.71%** 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 08 those aged 0 to 24 years were most often seen with ILI symptoms by ILINet providers.

### ILI Activity Level Indicator - ILINet

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: **Low = 5**

### 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.
Between week 07 and week 08 the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system remained relatively the same.

**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>92 (8.2%)</td>
<td>34.14</td>
</tr>
<tr>
<td>5 - 17</td>
<td>106 (9.4%)</td>
<td>14.87</td>
</tr>
<tr>
<td>18 - 49</td>
<td>198 (17.6%)</td>
<td>10.89</td>
</tr>
<tr>
<td>50 - 64</td>
<td>163 (14.5%)</td>
<td>23.50</td>
</tr>
<tr>
<td>65+</td>
<td>568 (50.4%)</td>
<td>153.37</td>
</tr>
<tr>
<td>Total</td>
<td>1,127 (For confirmation, these data are delayed)</td>
<td>30.03</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>4</td>
</tr>
<tr>
<td>50 - 64</td>
<td>3</td>
</tr>
<tr>
<td>65+</td>
<td>19</td>
</tr>
<tr>
<td>Total</td>
<td>27</td>
</tr>
</tbody>
</table>

(death data includes all confirmed influenza-associated deaths, 9/29/2014-3/6/2015)

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

**Influenza-Associated deaths reported to Public Health**
Georgia Virologic Surveillance Data

Respiratory Syncytial Virus (RSV) Surveillance Data

**Flu News**

**Flu Scan:** New estimate of flu deaths; GBS and flu hospitalization

**CDC:** Flu vaccine performance; HCWs, flu, and fever; H7N9 in China; H5N1 in Nigeria

**Flu Scan:** Flu's long, slow fade; More H7N9 in Guangdong; CDC on H5 threat to humans; H5N1 serology study