Week 13 (March 26 — April 1, 2017) Synopsis

During week 13 there was high influenza-like illness activity in Georgia with widespread occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was **4.87%**, which is **above** the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **REGIONAL** during week 13.
- **Metro Area Hospitalizations:** There were 35 hospitalizations due to influenza infection during week 13. There have been 1,189 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 7 confirmed influenza-associated deaths as of 4/7/2017.
- **Viral Surveillance:** Of the **431** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 13, **82 (19.03%)** were positive for influenza. Public Health Laboratories tested 7 specimens during week 13, 2 were positive for influenza.
- **Reported Influenza Outbreaks:** There have been 36 influenza outbreaks reported to DPH between 10/02/2016 and 03/25/2017.
- **RSV Viral Surveillance:** Of the **86** 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 **2.33%**.

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**Flu News**

**Health Map Vaccine Finder**

**How my daughter died from a simple case of flu**

**Rapid test shows mixed results for respiratory infections**
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**

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 in region with the outbreaks; virus activity is no greater than sporadic in other regions.

**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 = 10**

**Weekly Influenza Intensity, Georgia, 2016-2017**

**Georgia ILI Geographic Dispersion**

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**Influenza Activity - Geographic Dispersion Georgia, 2016-2017**
During week 13 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased to 4.81% (from 5.61% during week 12).
### 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>109</td>
<td>40.55</td>
</tr>
<tr>
<td>5 - 17</td>
<td>153</td>
<td>20.90</td>
</tr>
<tr>
<td>18 - 49</td>
<td>228</td>
<td>12.33</td>
</tr>
<tr>
<td>50 - 64</td>
<td>204</td>
<td>27.92</td>
</tr>
<tr>
<td>65+</td>
<td>495</td>
<td>120.31</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>1,189</td>
<td>29.79</td>
</tr>
</tbody>
</table>

#### Influenza-associated Hospitals in the Eight County Metro Atlanta Area, 2016-2017

![Hospitalization Graph]

### 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>0</td>
</tr>
<tr>
<td>51 - 64</td>
<td>0</td>
</tr>
<tr>
<td>65+</td>
<td>7</td>
</tr>
<tr>
<td>Total</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Influenza-associated Deaths, Georgia, 2016-2017

![Death Graph]
Georgia Virologic Surveillance Data

RSV Season Status: OFF

Respiratory Syncytial Virus (RSV) Surveillance Data

During week 13 Georgia clinical laboratories reporting to NREVSS tested 431 specimens for influenza, 82 (19.03%) were positive. Both influenza A and B were identified.

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

Public Health Laboratories tested 7 specimens for influenza during week 13, 2 were positive for influenza. Only influenza B was identified.

Georgia threshold of RSV season onset and end
RSV season onset is defined as the first week of two (2) consecutive weeks when the percent positive of ALL lab confirmed tests are greater than or equal to 10%. The end of RSV season is now defined as the first week of two consecutive weeks when the percent positive of ALL lab confirmed tests are less than 10%.