Week 14 (April 2 — April 8, 2017) Synopsis

During week 14 there was moderate influenza-like illness activity in Georgia with regional occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 2.98%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was REGIONAL during week 14.
- **Metro Area Hospitalizations:** There were 20 hospitalizations due to influenza infection during week 14. There have been 1,193 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 4/14/2017.
- **Viral Surveillance:** Of the 245 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 14, 45 (18.37%) were positive for influenza. Public Health Laboratories tested 24 specimens during week 14, 6 were positive for influenza.
- **Reported Influenza Outbreaks:** There have been 36 influenza outbreaks reported to DPH between 10/02/2016 and 04/8/2017.
- **RSV Viral Surveillance:** Of the 42 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 14, the percent positive of ALL laboratory tests was 0.00%.

**Flu News**

**Health Map Vaccine Finder**

**Flu Scan:** Tibet H7N9 case details; Avian flu on 3 continents; Bats and zoonotic flu emergence
During week 14 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.

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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 = 6**

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**Georgia ILI Geographic Dispersion**

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(Government or organizational logos)
During week 14 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased to 3.26% (from 4.78% during week 13).
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>112</td>
<td>41.66</td>
</tr>
<tr>
<td>5 - 17</td>
<td>155</td>
<td>21.18</td>
</tr>
<tr>
<td>18 - 49</td>
<td>228</td>
<td>12.33</td>
</tr>
<tr>
<td>50 - 64</td>
<td>207</td>
<td>28.33</td>
</tr>
<tr>
<td>65+</td>
<td>491</td>
<td>119.34</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>1,193</td>
<td>29.89</td>
</tr>
</tbody>
</table>

Georgia Influenza-Associated Hospitalizations in the eight county metro Atlanta area 2016-2017 (Emerging Infections Program data)

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 2016-2017 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)
Georgia Virologic Surveillance Data

We Protect Lives.

Week 14

Georgia Virologic Surveillance Data

During **week 14** Georgia clinical laboratories reporting to NREVSS tested 245 specimens for influenza, 45 (18.37%) were positive. Both influenza A and B were identified.

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

**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%.

**RSV Season Status:** **OFF**

**Respiratory Syncytial Virus (RSV) Surveillance Data**

Public Health Laboratories tested 24 specimens for influenza during **week 14**, 6 were positive for influenza. Only influenza B was identified.