Week 01 (January 01 — January 7, 2017) Synopsis

During week 01 there was high influenza-like illness activity in Georgia with local occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 3.74%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was LOCAL during week 01.
- **Metro Area Hospitalizations:** There were 16 hospitalizations due to influenza infection during week 01. There have been 159 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There has been 1 confirmed influenza-associated death so far this season.
- **Viral Surveillance:** Of the 233 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 01, 17 (7.30%) were positive for influenza. Public Health Laboratories tested 13 specimens during week 01, 2 were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 outbreaks reported to public health during week 01.
- **RSV Viral Surveillance:** Of the 332 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, the percent positive of ALL laboratory tests was 32.53%.

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**Flu News**

**Health Map Vaccine Finder**

**US flu activity shows steady rise**
During week those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

This Week: 3.74% of patients seen in ILINet Provider offices were seen with ILI.

During week those under 24 years of age were most often seen with ILI symptoms by ILINet providers.
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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/)

Council of State and Territorial Epidemiologists Report – Geographic Dispersion

(This graph reflects geographic dispersion and is not an indicator of influenza severity)

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**

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

Georgia ILI Geographic Dispersion

This Week’s Flu Code is: **LOCAL**

Increased ILI in 1 region; ILI activity in other regions is not increased and recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI OR 2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased and recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions.
During week 01 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased to 3.98% (from 4.81% during week 52).

Number of Patient Visits with ILI Syndrome by Age Group
Georgia Influenza-Associated Hospitalizations

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Hospitalizations (8-County Metro-Area On-)</th>
<th>Hospitalization Rate (Cases/100,000 people)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>17</td>
<td>6.32</td>
</tr>
<tr>
<td>5 - 17</td>
<td>18</td>
<td>2.46</td>
</tr>
<tr>
<td>18 - 49</td>
<td>33</td>
<td>1.78</td>
</tr>
<tr>
<td>50 - 64</td>
<td>37</td>
<td>5.06</td>
</tr>
<tr>
<td>65+</td>
<td>54</td>
<td>13.13</td>
</tr>
<tr>
<td>Total</td>
<td>159</td>
<td>3.98</td>
</tr>
</tbody>
</table>

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

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>1</td>
</tr>
<tr>
<td>Total</td>
<td>0</td>
</tr>
</tbody>
</table>

Influenza-associated Deaths, Georgia, 2016-2017

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

Influenza-Associated Deaths 2016-2017 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)
GEORGIA
DEPARTMENT OF
PUBLIC HEALTH

We Protect Lives.

Week 01

Georgia Virologic Surveillance Data

Respiratory Syncytial Virus (RSV) Surveillance Data

During week 01 Georgia clinical laboratories reporting to NREVSS tested 233 specimens for influenza, 17 (7.30%) were positive. Both influenza A and B were identified.

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

Public Health Laboratories tested 13 specimens for influenza during week 01, 2 were positive for influenza. Both Influenza A(H3N2) and Influenza A(H1N1) were identified.