Week 04 (January 22 — January 28, 2017) Synopsis

During week 04 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 3.86%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was WIDESPREAD during week 04.
- **Metro Area Hospitalizations:** There were 30 hospitalizations due to influenza infection during week 04. There have been 332 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There has been 2 confirmed influenza-associated deaths so far this season.
- **Viral Surveillance:** Of the 702 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 04, 167 (23.79%) were positive for influenza. Public Health Laboratories tested 20 specimens during week 04, 14 were positive for influenza.
- **Reported Influenza Outbreaks:** There were 4 outbreaks reported to public health during week 04. There have been 8 influenza outbreaks so far this season.
- **RSV Viral Surveillance:** Of the 312 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 04, the percent positive of ALL laboratory tests was 18.59%.

**Flu News**

- **Health Map Vaccine Finder**
- **CDC: Widespread flu leads to 7 new deaths in kids**
- **CDC: Flu now widespread in 37 states**
During week 04 those under 24 years of age 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 = 9**

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

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Georgia ILI Geographic Dispersion

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Influenza Activity - Geographic Dispersion Georgia, 2016-2017

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This Week’s Flu Code is:

**WIDESPREAD**

Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions AND Recent (within the past 3 weeks) lab confirmed influenza in the state.
During week 04 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased to 4.17% (from 4.12% during week 03).

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 Only)</th>
<th>Hospitalization Rate (Cases/100,000 people)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>32</td>
<td>11.90</td>
</tr>
<tr>
<td>5 - 17</td>
<td>42</td>
<td>5.74</td>
</tr>
<tr>
<td>18 - 49</td>
<td>72</td>
<td>3.89</td>
</tr>
<tr>
<td>50 - 64</td>
<td>61</td>
<td>8.35</td>
</tr>
<tr>
<td>65+</td>
<td>125</td>
<td>30.38</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>332</td>
<td>8.32</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>2</td>
</tr>
<tr>
<td>Total</td>
<td>0</td>
</tr>
</tbody>
</table>

Influenza-associated Deaths, Georgia, 2016-2017

Influenza-Associated 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 Virologic Surveillance Data

During week 04 Georgia clinical laboratories reporting to NREVSS tested 702 specimens for influenza, 167 (23.79%) were positive. Both influenza A and B were identified.

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

Public Health Laboratories tested 20 specimens for influenza during week 04, 14 were positive for influenza. Influenza A(H3N2), influenza A(H1N1)pdm09, and influenza B were identified.

Respiratory Syncytial Virus (RSV) Surveillance Data

RSV Season Status: ON