Week 47 (November 19 — November 25, 2017) Synopsis

During week 47 there was moderate 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 3.7%, which is above the regional baseline of 1.9%.

- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was WIDESPREAD during week 47.

- **Metro Area Hospitalizations:** There were 5 hospitalizations due to influenza infection during week 47. There have been 32 hospitalizations due to influenza so far this season.

- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 47. There have been 0 confirmed influenza-associated deaths as of 12/1/2017.

- **Viral Surveillance:** Of the 319 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 47, and 22 (6.9%) were positive for influenza. Public Health Laboratories tested 9 specimens during week 47, one specimen was positive for influenza.

- **Reported Influenza Outbreaks:** There have been 3 influenza outbreaks reported to DPH so far this season.

- **RSV Viral Surveillance:** Of the 231 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 47, the percent positive of ALL laboratory tests was 19%.

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**Flu News**

**Health Map Vaccine Finder**

**CDC sees some signs of an early flu season**
Week 47

**Percentage of patients with ILI reported by ILINet providers**
(Volunteer providers who report percentage of patients with ILI seen by their practice or facility weekly. This week there are currently 48 ILINet providers reporting in Georgia.)

**ILINet Provider Network Data**

This Week: 3.7% of patients seen in ILINet Provider offices were seen with ILI.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.

**ILINet Patient Visits By Age Group**

During week 47 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: **Moderate = 7**

**Georgia ILI Geographic Dispersion**

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 in region with the outbreaks; virus activity is no greater than sporadic in other regions
During week 47 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased to 4.59% (from 4.1% during week 46).

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>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>0</td>
</tr>
<tr>
<td>5 - 17</td>
<td>0</td>
</tr>
<tr>
<td>18 - 49</td>
<td>14</td>
</tr>
<tr>
<td>50 - 64</td>
<td>9</td>
</tr>
<tr>
<td>65+</td>
<td>9</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>32</td>
</tr>
</tbody>
</table>

Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area, 2017-2018 (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>0</td>
</tr>
<tr>
<td>Total</td>
<td>0</td>
</tr>
</tbody>
</table>

Influenza-associated Deaths, Georgia, 2017-2018

Influenza-Associated Deaths 2017-2018 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)
Georgia Virologic Surveillance Data

RSV Season Status: **ON**

**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%.

During **week 47** Georgia clinical laboratories reporting to NREVSS tested 319 specimens for influenza, 22 (6.9%) were positive. Both influenza A and B were identified.

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

Public Health Laboratories tested 9 specimens for influenza during **week 47**, influenza A(H3N2) was identified in one specimen.