Georgia Weekly Influenza Report

Week 47 (Nov. 16 - Nov. 22, 2014) Synopsis

During week 47 there was regional influenza activity in Georgia with low occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 2.98%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was LOW during week 47.
- **Metro Area Hospitalizations:** There were 16 hospitalizations due to influenza infection. There have been 52 hospitalization due to influenza infection so far this season.
- **Influenza Related Deaths:** There was 1 confirmed death due to influenza during week 47. There have been 2 confirmed influenza-associated deaths so far this season.
- **Viral Surveillance:** Of the 665 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, 58 (8.72%) were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 influenza-related outbreaks reported to public health during week 47. There have been 0 confirmed influenza-related outbreaks so far this season.
- **RSV Viral Surveillance:** Of the 410 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 confirmed tests was 23.17%.

ILINet Provider Network Data

**This Week:** 2.98% of patients seen in ILINet Provider offices were diagnosed with ILI.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.
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: **Low = 5**

**Georgia ILI Geographic Dispersion**

This Week’s Flu Code is: **REGIONAL**

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
During week 47 the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased compared to the previous week.
Georgia Influenza-Associated Hospitalizations and Deaths

<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>3 (5.8%)</td>
<td>1.11</td>
</tr>
<tr>
<td>5 - 17</td>
<td>14 (26.9%)</td>
<td>1.96</td>
</tr>
<tr>
<td>18 - 49</td>
<td>17 (32.7%)</td>
<td>0.94</td>
</tr>
<tr>
<td>50 - 64</td>
<td>3 (5.8%)</td>
<td>0.43</td>
</tr>
<tr>
<td>65+</td>
<td>15 (28.8%)</td>
<td>4.05</td>
</tr>
<tr>
<td>Total</td>
<td>52 (For confirmation, these data are delayed)</td>
<td>1.39</td>
</tr>
</tbody>
</table>

Age Group | Number of Deaths |
<table>
<thead>
<tr>
<th></th>
<th></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>0</td>
</tr>
<tr>
<td>50 - 64</td>
<td>1</td>
</tr>
<tr>
<td>65+</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>2 (For confirmation, these data are delayed)</td>
</tr>
</tbody>
</table>

**Influenza Hospitalizations in the eight county metro Atlanta area 2014-2015** (Emerging Infections Program data)

**Influenza-Associated Deaths 2014-2015 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)

**Influenza-Associated hospitalizations in the eight-county metro Atlanta area (Emerging Infections Program data)**

**Influenza-Associated deaths reported to Public Health**

**Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area 2014-2015**

**Influenza-associated Deaths, Georgia, 2014-2015**
Georgia Virologic Surveillance Data

Note: Includes rapid tests reported from reference Laboratories and the Georgia Public Health Laboratory; not all positive laboratory results for influenza are reported to Public Health.

Respiratory Syncytial Virus (RSV) Surveillance Data

Flu News

Find influenza vaccine providers in your area

Flu Scan: New Dutch avian flu outbreak; Some H3N2 mismatch; H5N2 transmission study

News Scan: MERS strikes 2 more; More chikungunya cases; Flu-infection study; Multistate Salmonella sproutbreak