Georgia Weekly Influenza Report

Week 05 (Feb. 1 - Feb. 7, 2015) Synopsis

During week 05 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 2.12%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was REGIONAL during week 05.
- **Metro Area Hospitalizations:** There were 7 hospitalizations due to influenza infection during week 05. There have been 1,051 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed influenza-associated deaths during week 05. There have been 23 confirmed influenza-associated deaths as of 2/13/2015.
- **Viral Surveillance:** Of the 551 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 05, 44 (7.99%) were positive for influenza.
- **Reported Influenza Outbreaks:** There were 2 influenza-associated outbreaks during week 05. There have been 32 influenza-related outbreaks so far this season.
- **RSV Viral Surveillance:** Of the 297 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 05, the percent positive of ALL laboratory confirmed tests was 19.87%.

ILINet Provider Network Data

This Week: 2.12% 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 05 those aged 0 to 24 years 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 = 4

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.
Between week 04 and week 05 the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system remained relatively the same.
# Georgia Influenza-Associated Hospitalizations and Deaths

**Influenza Hospitalizations in the eight county metro Atlanta area 2014-2015**

<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>86 (8.2%)</td>
<td>31.91</td>
</tr>
<tr>
<td>5 - 17</td>
<td>102 (9.7%)</td>
<td>14.30</td>
</tr>
<tr>
<td>18 - 49</td>
<td>189 (18.0%)</td>
<td>10.40</td>
</tr>
<tr>
<td>50 - 64</td>
<td>154 (14.7%)</td>
<td>22.21</td>
</tr>
<tr>
<td>65+</td>
<td>520 (49.5%)</td>
<td>140.41</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,051 (For confirmation, these data are delayed)</strong></td>
<td><strong>28.00</strong></td>
</tr>
</tbody>
</table>

**Influenza-Associated Deaths 2014-2015 Statewide**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>1</td>
</tr>
<tr>
<td>5 - 17</td>
<td>0</td>
</tr>
<tr>
<td>18 - 49</td>
<td>2</td>
</tr>
<tr>
<td>50 - 64</td>
<td>2</td>
</tr>
<tr>
<td>65+</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>23</strong></td>
</tr>
</tbody>
</table>

*Death data includes all confirmed influenza-associated deaths, 9/29/2014-1/30/2014*

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

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

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

**Flu News**

**CDC:** Flu slowing but on track for a marathon season

**Flu Scan:** Parotitis in flu patients; Global flu update; H7N9 in China; Avian flu in Taiwan, Bulgaria

**Flu Scan:** US flu activity down slightly, but elderly hit hard

**Early Estimates of Seasonal Influenza Vaccine Effectiveness - United States, January 2015**