Week 07 (Feb. 14 - Feb. 20, 2016) Synopsis

During week 07 there was low influenza activity in Georgia with regional occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 2.48%, which is above the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was REGIONAL during week 07.
- **Metro Area Hospitalizations:** There were 29 hospitalizations due to influenza infection during week 07. There have been 115 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 2 confirmed influenza-associated death as of 2/26/2016.
- **Viral Surveillance:** Of the 734 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 07, 83 (11.31%) were positive for influenza. Public Health Laboratories tested 48 specimens during week 07, 8 were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 influenza-related outbreaks reported to public health during week 07.
- **RSV Viral Surveillance:** Of the 432 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 07, the percent positive of ALL laboratory tests was 9.95%.

**Flu News**

**US flu season continues heating up**

**CDC’s early estimate finds this year’s flu vaccine 59% effective**
During week 07 those under 49 years of age were most often seen with ILI symptoms by ILINet providers.

This Week: 2.48% 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 07 those under 49 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 activity 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 07 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased compared to the previous week.

**Percent of ILI Visits to Georgia Emergency Departments by MMWR Week**

**Percentage of Patients with ILI Syndrome Visits 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>20 (17.4%)</td>
<td>7.42</td>
</tr>
<tr>
<td>5 - 17</td>
<td>12 (10.4%)</td>
<td>1.68</td>
</tr>
<tr>
<td>18 - 51</td>
<td>28 (24.3%)</td>
<td>1.54</td>
</tr>
<tr>
<td>51 - 64</td>
<td>26 (22.6%)</td>
<td>3.75</td>
</tr>
<tr>
<td>65+</td>
<td>29 (25.2%)</td>
<td>7.83</td>
</tr>
<tr>
<td>Total</td>
<td>115</td>
<td>3.06</td>
</tr>
</tbody>
</table>

Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area, 2015-2016 (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>2</td>
</tr>
<tr>
<td>Total</td>
<td>2</td>
</tr>
</tbody>
</table>

Influenza-Associated Deaths 2015-2016 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)
We Protect Lives.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

Georgia Virologic Surveillance Data

During week 07 Georgia clinical laboratories reporting to NREVSS tested 734 specimens for influenza, 83 (11.31%) were positive. The predominate strain identified was influenza A.

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

RSV Season Status: ON

Public Health Laboratories tested 51 specimen for influenza during week 07, 8 Influenza A(H1N1) pdm09 and one influenza B.

Respiratory Syncytial Virus (RSV) Surveillance Data

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%.