**Georgia Weekly Influenza Report**

**MMWR Week 05**

Week 05 (January 29 — February 4, 2017) Synopsis

During week 05 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 **3.74%**, which is **above** the Georgia baseline of 2.1%.

- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 05.

- **Metro Area Hospitalizations:** There were 25 hospitalizations due to influenza infection during week 05. There have been 376 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 **812** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 05, **188 (23.15%)** were positive for influenza. Public Health Laboratories tested 60 specimens during week 05, 19 were positive for influenza.

- **Reported Influenza Outbreaks:** There was 1 outbreak reported to public health during week 05. There have been 9 influenza outbreaks as of 2/4/2017.

- **RSV Viral Surveillance:** Of the **418** 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 tests was **13.88%**.

**Flu News**

**Health Map Vaccine Finder**

**Flu that shut down several Tenn. schools is already in GA., experts say**
During week 05 those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

This Week: 3.74% 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.

During week 05 those under 24 years of age were most often seen with ILI symptoms by ILINet providers.
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.

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**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 = 10**

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**Georgia ILI Geographic Dispersion**

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**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(This graph reflects geographic dispersion and is not an indicator of influenza severity)
During week 05 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased to 5.19% (from 4.17% during week 04).

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>37</td>
<td>13.76</td>
</tr>
<tr>
<td>5 - 17</td>
<td>51</td>
<td>6.97</td>
</tr>
<tr>
<td>18 - 49</td>
<td>80</td>
<td>4.33</td>
</tr>
<tr>
<td>50 - 64</td>
<td>66</td>
<td>9.03</td>
</tr>
<tr>
<td>65+</td>
<td>142</td>
<td>34.51</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>376</td>
<td>9.42</td>
</tr>
</tbody>
</table>

Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area, 2016-2017

<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 2016-2017 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)
We Protect Lives.

Georgia Virologic 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%.

**RSV Season Status:** ON

During **week 05** Georgia clinical laboratories reporting to NREVSS tested 812 specimens for influenza, 188 (23.15%) were positive. Both influenza A and B were identified.

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

Public Health Laboratories tested 60 specimens for influenza during **week 05**, 19 were positive for influenza. Influenza A(H3N2) and influenza B were identified.

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