Week 08 (February 18 — February 24, 2018) Synopsis

During week 08 there was HIGH influenza-like illness intensity with WIDESPREAD occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 6.5%, which is above the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was WIDESPREAD during week 08.
- **Metro Area Hospitalizations:** There were 49 hospitalizations due to influenza infection during week 08. There have been 2,409 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 08, there have been 118 confirmed influenza-associated deaths (4 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the 1,122 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 08, 251 (22.4%) were positive for influenza. Public Health Laboratories tested 23 specimens, 6 were positive for influenza.
- **Reported Influenza Outbreaks:** There have been 156 influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the 322 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 08, the percent positive of ALL laboratory tests was 6.52%.

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**Flu News**

- **Health Map Vaccine Finder**
- **Interim Estimates of 2017-18 Seasonal Influenza Vaccine Effectiveness—United States, February 2018**
- **US flu has likely peaked, but hospital illness still high**
During week 08 those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

**ILINet Provider Network Data**

**Percentage of patients with ILI reported by ILINet providers**
(View reports who report percentage of patients with ILI seen by their practice weekly. This week there are currently 53 ILINet providers reporting in Georgia.)

**ILINet Patient Visits By Age Group**

This week 6.5% 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 08 those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

**ILINet Provider Network Data**

- Percentage of patients with ILI who visited an ILINet provider, Georgia, 2017-2018 and Selected Previous Seasons

**ILINet Patient Visits By Age Group**

- Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 07-08 Nationally, 2018-2016, 2014-2015, 2010-2011

**ILINet Provider Network Data**

- This Week: 6.5% 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**

- Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 07-08

- During week 08 those 0 – 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: **High = 10**

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 08 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 7.1%, decreased compared to the previous week (from 12.2% during week 07).

Number of Patient Visits with ILI Syndrome by Age Group

Weekly Data for 10/1/17 - 2/24/18
**Georgia Influenza-Associated Hospitalizations**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Hospitalizations (8– County Metro-Area Only)</th>
<th>Cases/100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>187</td>
<td>59.56</td>
</tr>
<tr>
<td>5 - 17</td>
<td>145</td>
<td>19.81</td>
</tr>
<tr>
<td>18 - 49</td>
<td>500</td>
<td>27.04</td>
</tr>
<tr>
<td>50 - 64</td>
<td>507</td>
<td>69.40</td>
</tr>
<tr>
<td>65+</td>
<td>1,070</td>
<td>260.07</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>2,409</td>
<td>60.35</td>
</tr>
</tbody>
</table>

**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>4</td>
</tr>
<tr>
<td>18 - 51</td>
<td>10</td>
</tr>
<tr>
<td>51 - 64</td>
<td>21</td>
</tr>
<tr>
<td>65+</td>
<td>83</td>
</tr>
<tr>
<td>Total</td>
<td>118</td>
</tr>
</tbody>
</table>
Georgia Virologic Surveillance Data

During week 08 Georgia clinical laboratories reporting to NREVSS tested 1,122 specimens for influenza, (35.1%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories

Respiratory Syncytial Virus (RSV) Surveillance Data

Public Health Laboratories tested 23 specimens for influenza during week 08, 6 specimens were positive for influenza (influenza A(H3N2) and influenza B).