Week 06 (February 4 — February 10, 2018) Synopsis

During week 06 there was HIGH influenza-like illness intensity with WIDESPREAD occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 15.2%, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 06.
- **Metro Area Hospitalizations:** There were 165 hospitalizations due to influenza infection during week 06. There have been 1,801 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 06, there have been 79 confirmed influenza-associated deaths (3 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the 2,240 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 06, 787 (35.1%) were positive for influenza. Public Health Laboratories tested 50 specimens during week 06, 14 specimens were positive for influenza.
- **Reported Influenza Outbreaks:** There have been 131 influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the 585 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 06, the percent positive of **ALL** laboratory tests was 7.35%.

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**Flu News**

**Health Map Vaccine Finder**

**Interim Estimates of 2017-18 Seasonal Influenza Vaccine Effectiveness—United States, February 2018**
During week 06 those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.
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 06 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 15.3%, increased compared to the previous week (from 16.4% during week 05).

Number of Patient Visits with ILI Syndrome by Age Group

Weekly Data for 10/17/17 - 2/10/18

- 0-4
- 5-11
- 12-18
- 19-24
- 25-49
- 50-64
- 65+
- UNC
## **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>160</td>
<td>59.52</td>
</tr>
<tr>
<td>5 - 17</td>
<td>123</td>
<td>16.81</td>
</tr>
<tr>
<td>18 - 49</td>
<td>364</td>
<td>19.69</td>
</tr>
<tr>
<td>50 - 64</td>
<td>362</td>
<td>49.55</td>
</tr>
<tr>
<td>65+</td>
<td>792</td>
<td>192.50</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>1,801</td>
<td>45.12</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>3</td>
</tr>
<tr>
<td>18 - 51</td>
<td>7</td>
</tr>
<tr>
<td>51 - 64</td>
<td>10</td>
</tr>
<tr>
<td>65+</td>
<td>59</td>
</tr>
<tr>
<td>Total</td>
<td>79</td>
</tr>
</tbody>
</table>

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Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)
During week 06 Georgia clinical laboratories reporting to NREVSS tested 2,240 specimens for influenza, 787 (35.1%) were positive. Both influenza A and B were identified.

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

Public Health Laboratories tested 50 specimens for influenza during week 06, 14 specimens were positive for influenza (influenza A(H3N2), influenza A(H1N1), and influenza B).

Respiratory Syncytial Virus (RSV) Surveillance Data

RSV Season Status: ON