Week 41 (October 8 — October 14, 2017) Synopsis

During week 41 there was minimal influenza-like illness activity in Georgia with sporadic occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 2.1%, which is above the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was SPORADIC during week 41.
- **Metro Area Hospitalizations:** There was 1 hospitalization due to influenza infection during week 41. There have been 3 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 41. There have been 0 confirmed influenza-associated deaths as of 10/20/2017.
- **Viral Surveillance:** Of the 221 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 41, and 5 (2.26%) were positive for influenza. Public Health Laboratories tested 0 specimens during week 41.
- **Reported Influenza Outbreaks:** There have been 0 influenza outbreaks reported to DPH between 10/02/2017 and 10/20/2017.
- **RSV Viral Surveillance:** Of the 100 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 41, the percent positive of ALL laboratory tests was 6%. **There is a delay in reporting, these numbers are subject to change.**

---

**Flu News**

**Health Map Vaccine Finder**

**News Scan:** Southern Hemisphere flu decline; Influenza A in VA hospitals; H5N6 avian flu in China; H5N8 in South Africa; Hospital-acquired pneumonia
During week 41 those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

This Week: 2.1% 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 41 those under 24 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: **Minimal = 3**

---

**Georgia ILI Geographic Dispersion**

This Week’s Flu Code is: **SPORADIC**

ILI activity has not increased and isolated lab-confirmed cases of influenza

OR

ILI activity has not increased and a lab confirmed influenza outbreak in one institution.
During week 41 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased to 2.46% (from 2.33% during week 40).
Georgia Influenza-Associated Hospitalizations

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Hospitalizations (8-County Metro-Area Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>119</td>
</tr>
<tr>
<td>5 - 17</td>
<td>160</td>
</tr>
<tr>
<td>18 - 49</td>
<td>291</td>
</tr>
<tr>
<td>50 - 64</td>
<td>290</td>
</tr>
<tr>
<td>65+</td>
<td>629</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>3</td>
</tr>
</tbody>
</table>

Influenza-associated Hospitalizations in the Eight County Metro Atlanta Area, 2017-2018 (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>0</td>
</tr>
<tr>
<td>Total</td>
<td>0</td>
</tr>
</tbody>
</table>

Influenza-associated Deaths, Georgia, 2017-2018

Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)

Influenza-Associated Deaths 2017-2018 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)
GEORGIA DEPARTMENT OF PUBLIC HEALTH

Georgia Virologic Surveillance Data

During week 41 Georgia clinical laboratories reporting to NREVSS tested 221 specimens for influenza, 5 (2.26%) were positive. Both influenza A and B were identified.

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

Public Health Laboratories tested 0 specimens for influenza during week 41.

Respiratory Syncytial Virus (RSV) Surveillance Data

*There is a delay in reporting by two facilities. The percent positive may change in the following week.