During week 47 there was moderate influenza-like illness activity in Georgia with local occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILL was 3.13%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was LOCAL during week 47.
- **Metro Area Hospitalizations:** There was 1 hospitalization due to influenza infection during week 47. There have been 18 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza.
- **Viral Surveillance:** Of the 224 specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 47, 6 (2.68%) were positive for influenza. Public Health Laboratories tested 5 specimens during week 47, 0 were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 outbreaks reported to public health during week 47.
- **RSV Viral Surveillance:** Of the 307 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 47, the percent positive of ALL laboratory tests was 29.64%.

**Flu News**

**Health Map Vaccine Finder**

**Flu Scan:** Avian flu in Nigeria, Japan; Novel antiviral study

**H5N8 avian flu outbreak expands to Egypt**
During week 47 those under 24 years of age were most often seen with ILI symptoms by ILINet providers.
This Week's Flu Code is:

**LOCAL**

Increased ILI in 1 region; ILI activity in other regions is not increased

**And** recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI

**OR**

2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased **And** recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions

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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: **Moderate = 6**

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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 47 the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased to 3.22% (from 2.85% during week 46).

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>0</td>
<td>0</td>
</tr>
<tr>
<td>5 - 17</td>
<td>1</td>
<td>0.14</td>
</tr>
<tr>
<td>18 - 49</td>
<td>3</td>
<td>0.14</td>
</tr>
<tr>
<td>50 - 64</td>
<td>7</td>
<td>0.96</td>
</tr>
<tr>
<td>65+</td>
<td>7</td>
<td>1.70</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>18</td>
<td>0.45</td>
</tr>
</tbody>
</table>

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

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, 2016-2017
Georgia Virologic Surveillance Data

During **week 47** Georgia clinical laboratories reporting to NREVSS tested 224 specimens for influenza, 6 (2.68%) 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**

**RSV Season Status:** **ON**

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%.