

# Georgia Weekly Influenza Report

MMWR Week 41

Updated 10/23/2015

## Week 41 (Oct. 11 - Oct. 17, 2015) Synopsis

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

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.37%**, which is **below** the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 41.
- **Metro Area Hospitalizations:** There were **2** hospitalizations due to influenza infection. There have been 2 hospitalizations due to influenza infection 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 10/23/2015.
- **Viral Surveillance:** Of the **248** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 41, **2 (0.81%)** were positive for influenza. Of the 3 specimens tested for influenza by the Georgia Public Health Laboratory (GPHL) during week 41, 0 (0.0%) were positive.
- **Reported Influenza Outbreaks:** There were **0** influenza-related outbreaks reported to public health during week 41.
- **RSV Viral Surveillance:** Of the **74** 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 8.11%.

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## Flu News

[Find influenza vaccine providers in your area](#)

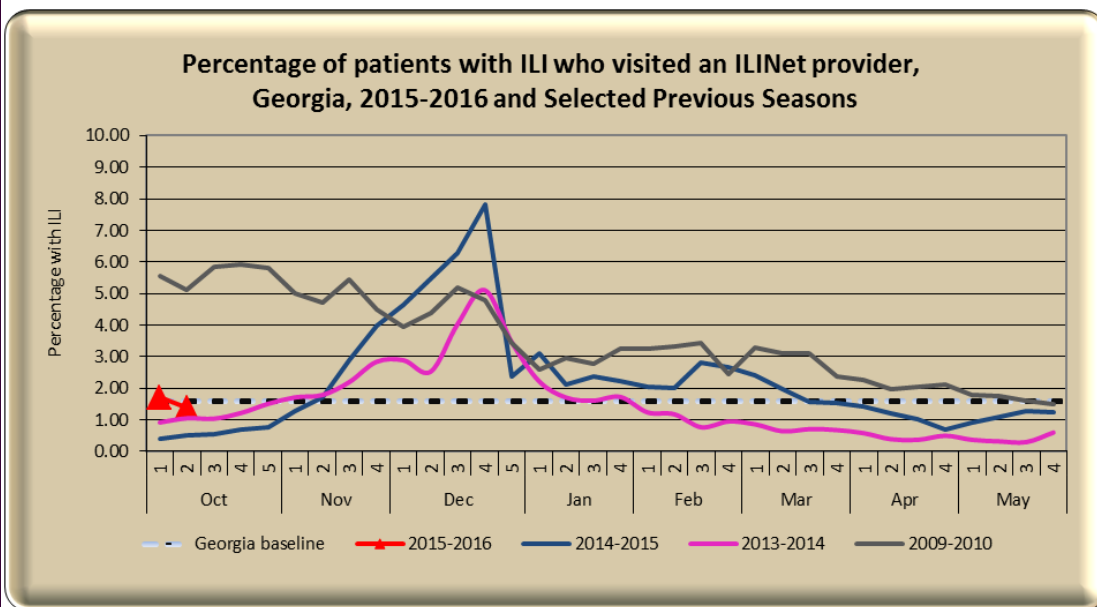
[FLU SCAN: Risk for severe respiratory infection; Neuraminidase inhibitor effectiveness](#)

[FLU SCAN: Southern Hemisphere flu ebb; H5N1 on Nigerian farms](#)

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**Percentage of patients with ILI reported by ILINet providers**  
(Volunteer providers who report percentage of patients with ILI seen by their practice or facility weekly. This week there are currently **21** ILINet providers reporting in Georgia.)

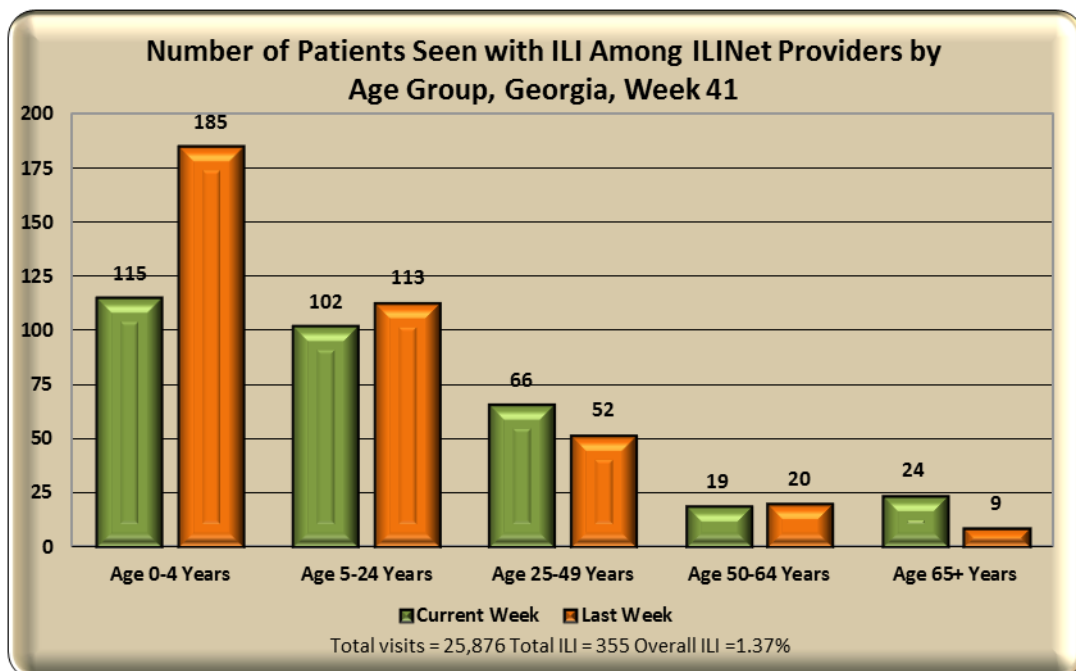
**ILINet Provider Network Data**



This Week: **1.37%** of patients seen in ILINet Provider offices were diagnosed 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**



**ILINet patient visits by age group**

This graph displays the number of patients seen at sentinel provider offices and diagnosed with ILI in the past week. The data are stratified by age-group.

During **week 41** those in the age group 0-24 years of age were most often seen with ILI symptoms by ILINet providers.

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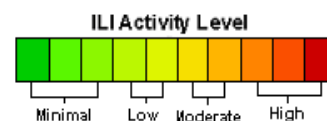
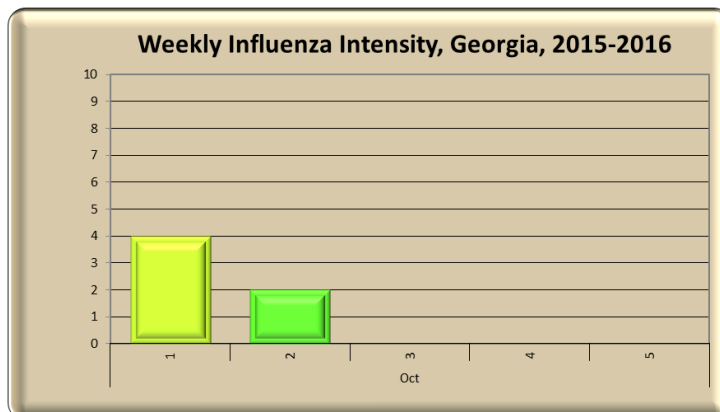
**ILI Activity Level Indicator - ILINet**

(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>)

**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.

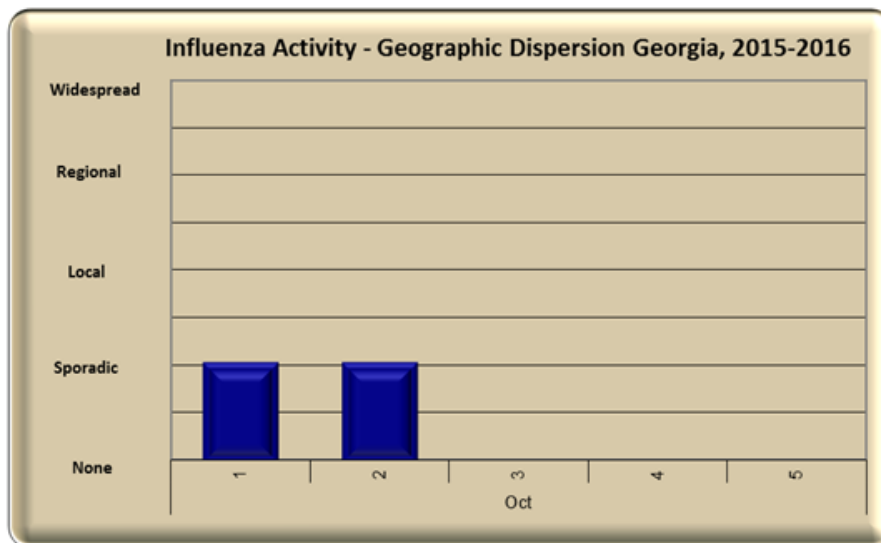
This week the intensity level is:  
**Minimal = 2**



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

(This graph reflects geographic dispersion and is not an indicator of influenza severity)

**Georgia ILI Geographic Dispersion**



This Week's Flu Code is:

**SPORADIC**

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

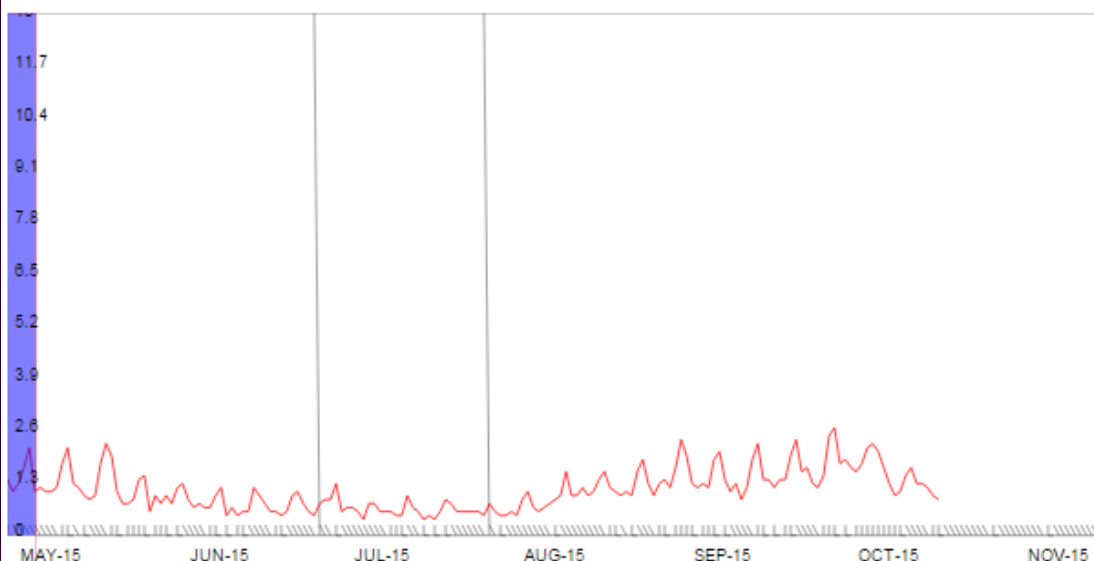
OR

ILI activity has not increased and a lab confirmed influenza outbreak in one institution.

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Syndromic Surveillance  
Data Daily Influenza-like  
Illness Syndrome  
(percentage of ILI visits)

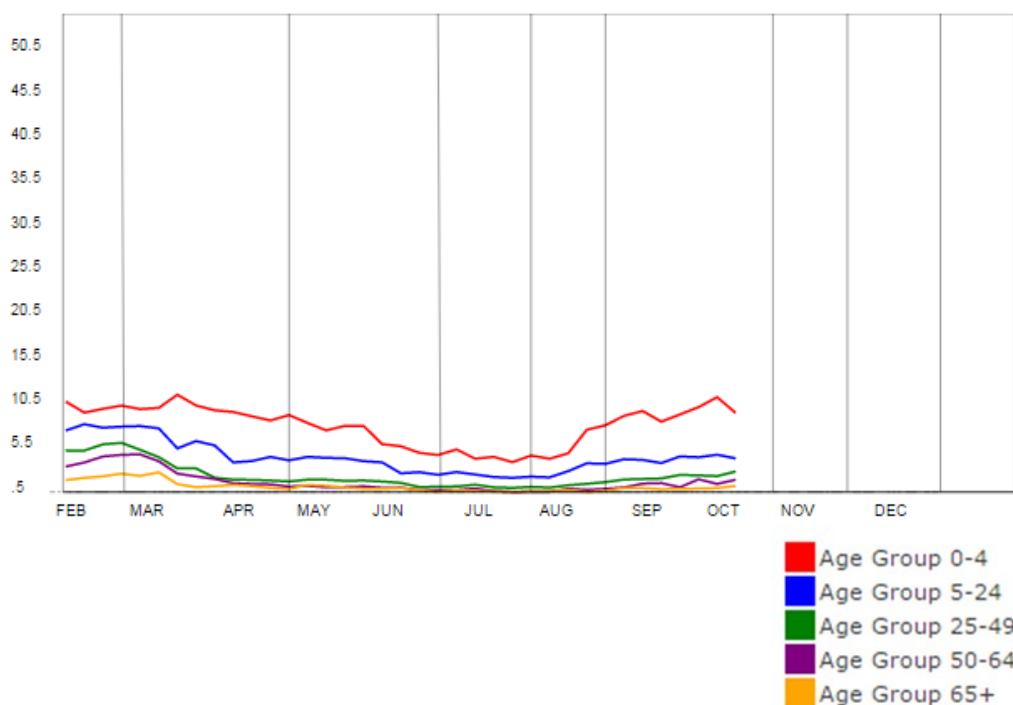
### Daily Percent of ILI Syndrome Visits to Georgia Emergency



During **week 41** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased slightly compared to the previous week.

Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(percentage of ILI visits by  
Age Group)

### Percentage of Patients with ILI Syndrome Visits by Age Group



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**Influenza Hospitalizations in the eight county metro Atlanta area 2014-2015** (Emerging Infections Program data)

**Influenza-Associated Deaths 2014-2015 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)

**Influenza-Associated hospitalizations in the eight-county metro Atlanta area** (Emerging Infections Program data)

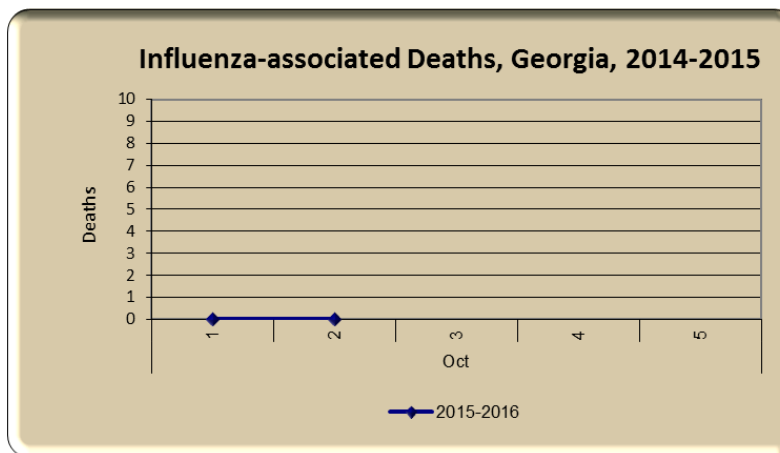
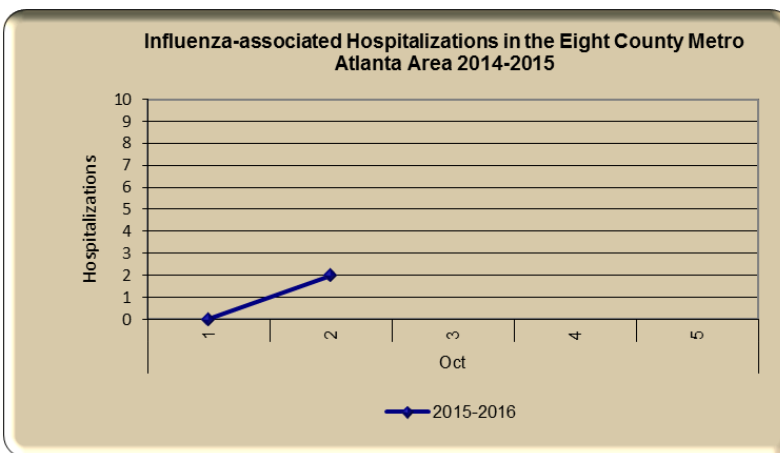
**Influenza-Associated deaths reported to Public Health**

## Georgia Influenza-Associated Hospitalizations and Deaths

| Age Group | Number of Hospitalizations (8- County Metro-Area Only) |
|-----------|--|
| 0 - 4     | 0  |
| 5 -17     | 0  |
| 18 - 51   | 0  |
| 51 - 64   | 0  |
| 65+       | 2  |
| Total     | 0 (For confirmation, these data are delayed.)          |

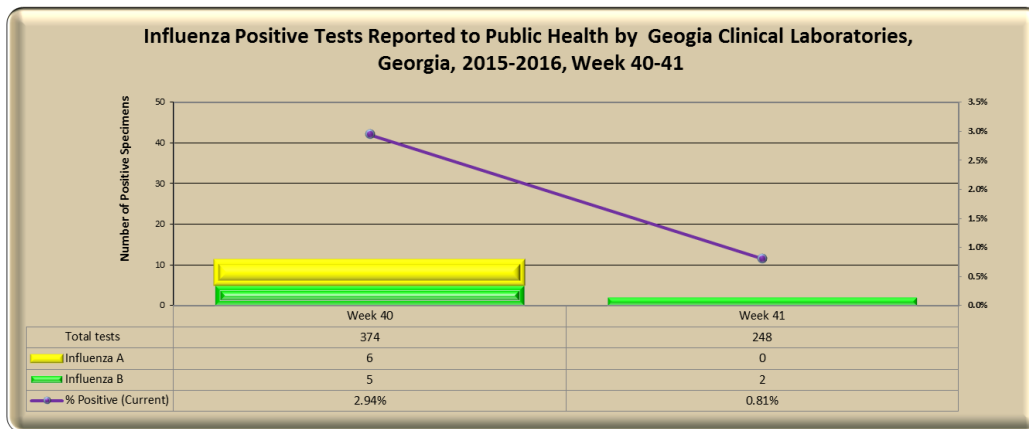
  

| Age Group | Number of Deaths                              |
|-----------|---|
| 0 - 4     | 0   |
| 5 -17     | 0   |
| 18 - 51   | 0   |
| 51 - 64   | 0   |
| 65+       | 0   |
| Total     | 0 (For confirmation, these data are delayed.) |



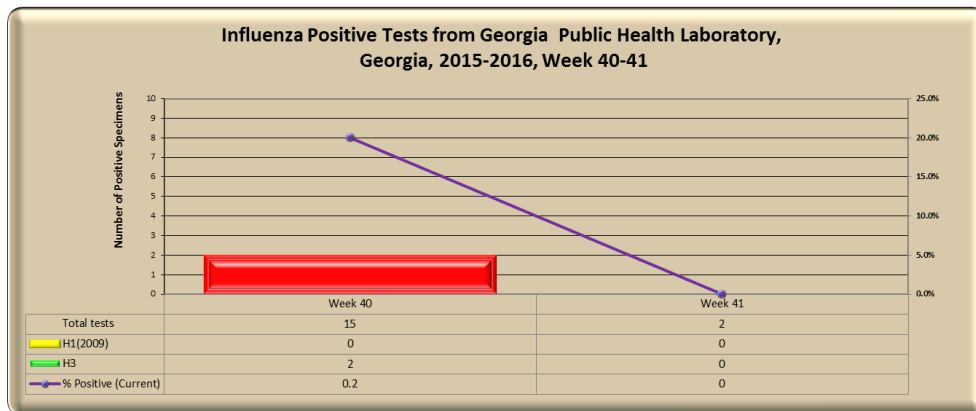
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**Georgia Virologic Surveillance Data**



During **week 41** Georgia clinical laboratories reporting to NREVSS tested 248 specimens for influenza, 2 (0.81%) were positive. The predominant strain was influenza B (2).

Note: No subtyping information will be released from clinical laboratories



During **week 41** the Georgia Public Health Laboratory tested 2 specimens for influenza, none were positive.

**Georgia threshold of RSV season on-set 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: OFF**

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

