

# Georgia Weekly Influenza Report

MMWR Week 44

Updated 11/10/2016

## Week 44 (October 30—November 5, 2016) Synopsis

During week 44 there was low influenza activity in Georgia with sporadic occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **2.54%**, which is **above** the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 44.
- **Metro Area Hospitalizations:** There were 0 hospitalizations due to influenza infection during week 44. There have been 9 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza.
- **Viral Surveillance:** Of the **246** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 44, **4 (1.63%)** were positive for influenza. Public Health Laboratories tested 16 specimens during week 44, 0 were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 outbreaks reported to public health during week 44.
- **RSV Viral Surveillance:** Of the **336** 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 44, the percent positive of **ALL** laboratory tests was 20.24%.

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## Flu News

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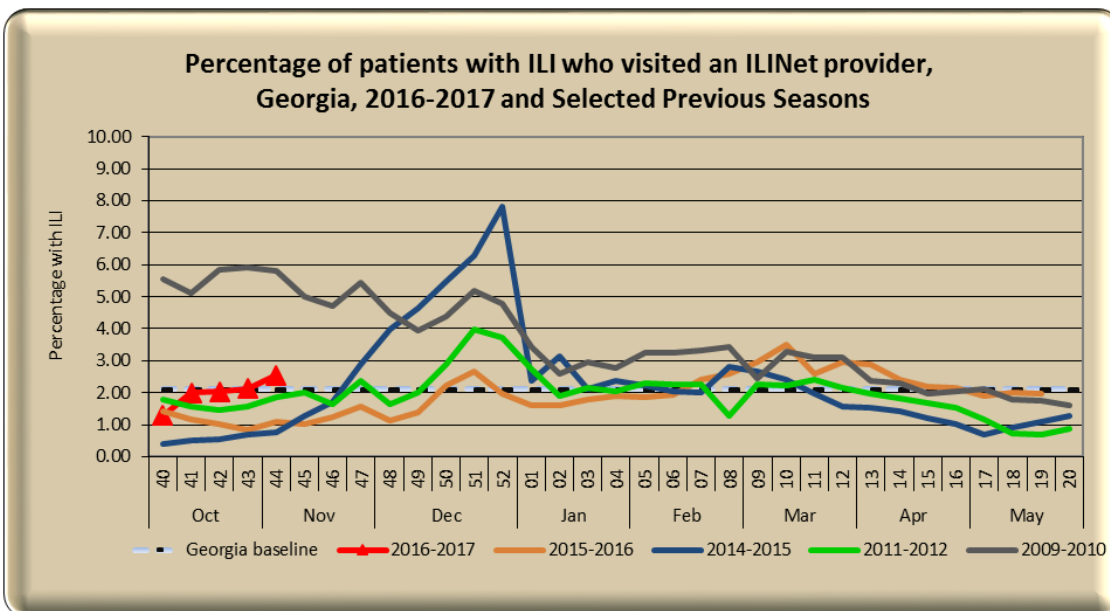
[Health Map Vaccine Finder](#)

[Bird flu virus confirmed in six European countries](#)

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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 **50** ILINet providers reporting in Georgia.)

**ILINet Provider Network Data**



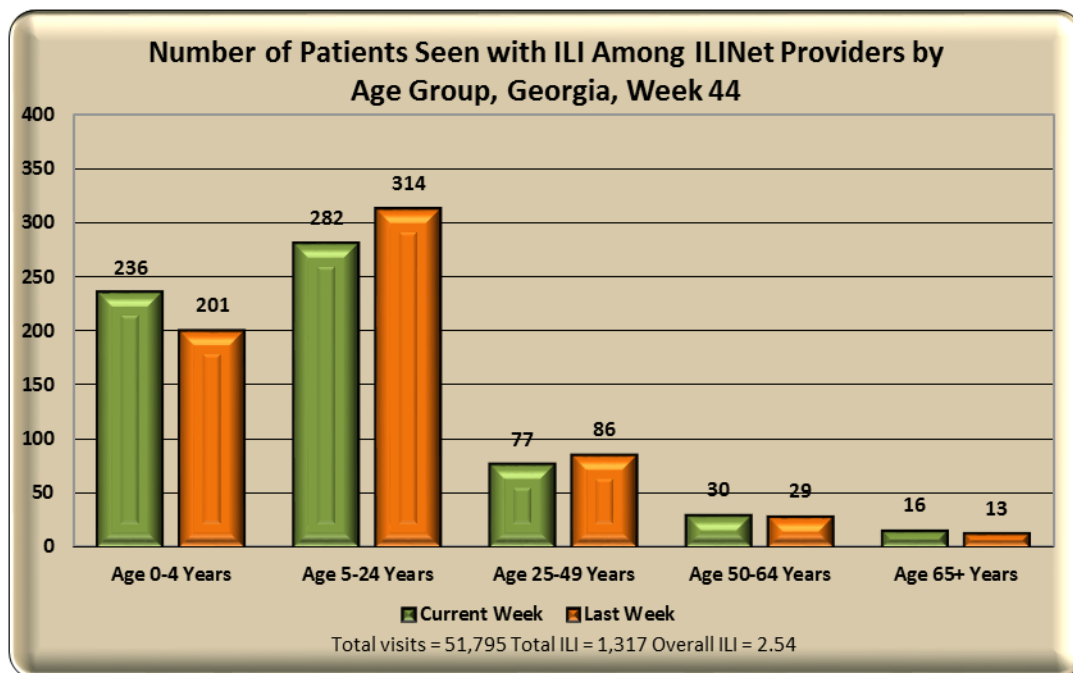
This Week: **2.54%** of patients seen in ILINet Provider offices were seen with ILI.

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**

**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 44** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

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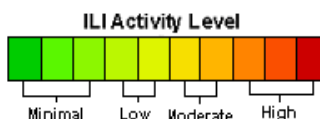
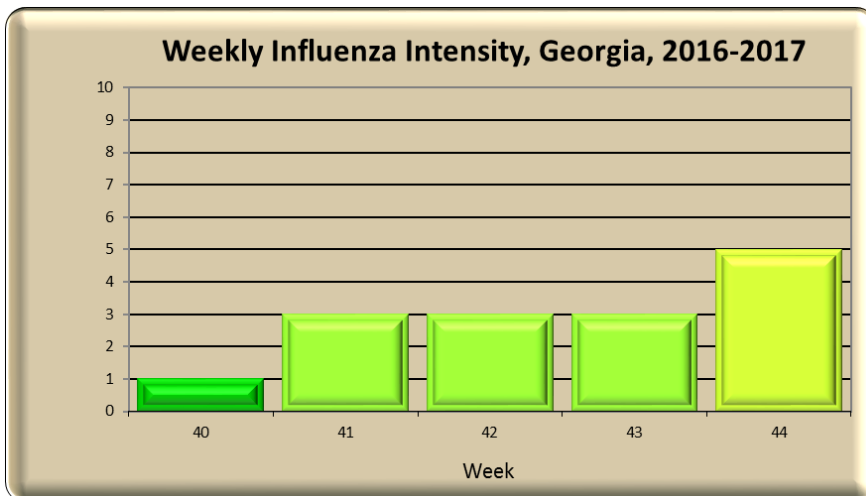
**ILI Activity Level Indicator - ILINet**

(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/>)

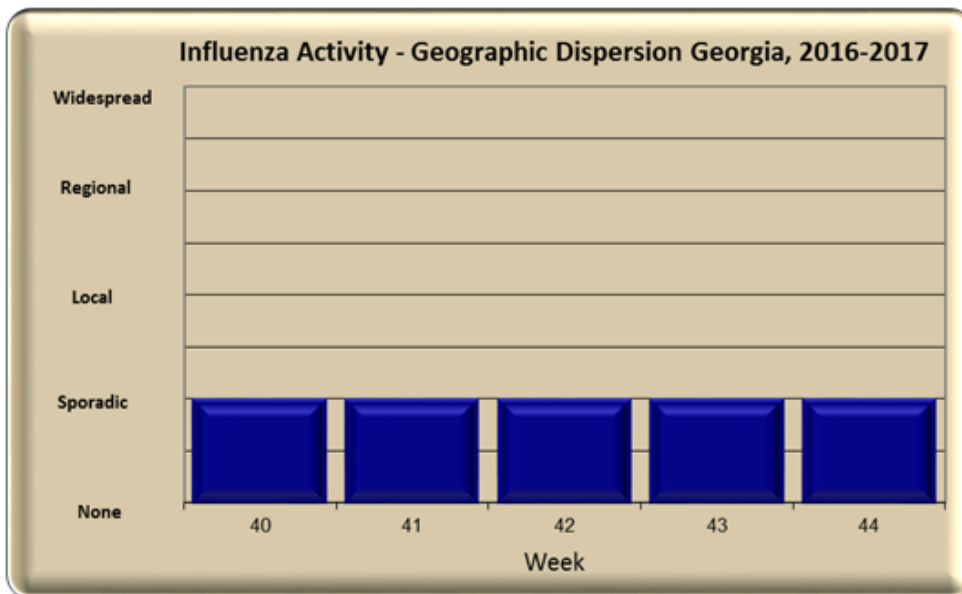
**Georgia ILI Intensity Indicator**

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: **Low = 5**



**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.

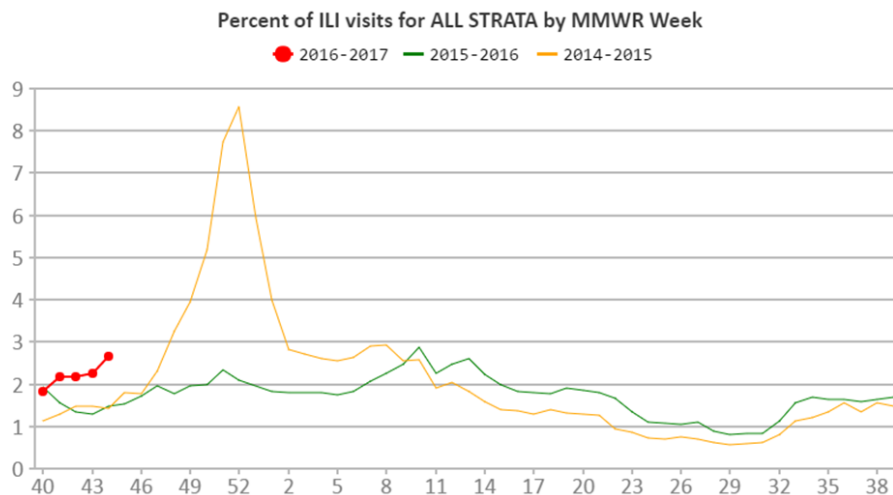
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

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

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

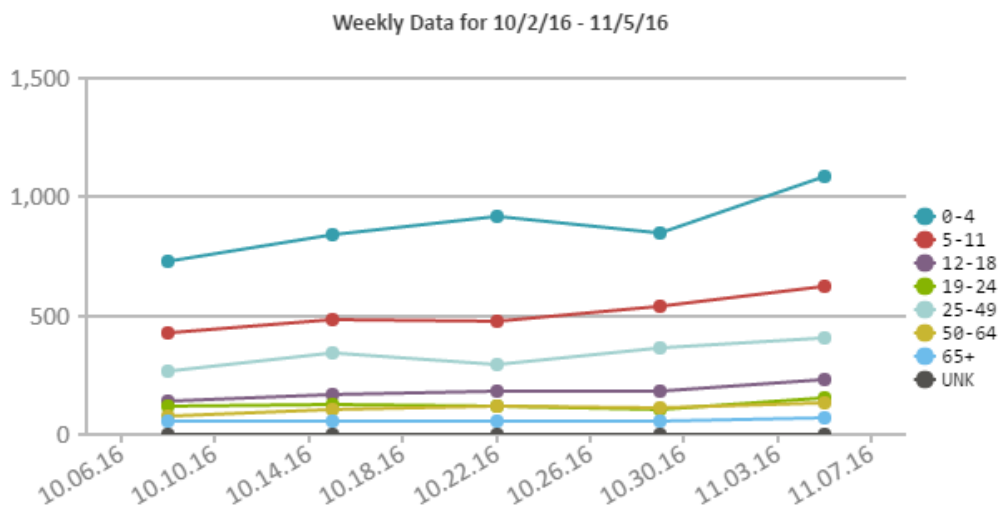
### Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 44** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased to 2.66% (from 2.25% during week 43).

### Number of Patient Visits with ILI Syndrome by Age Group

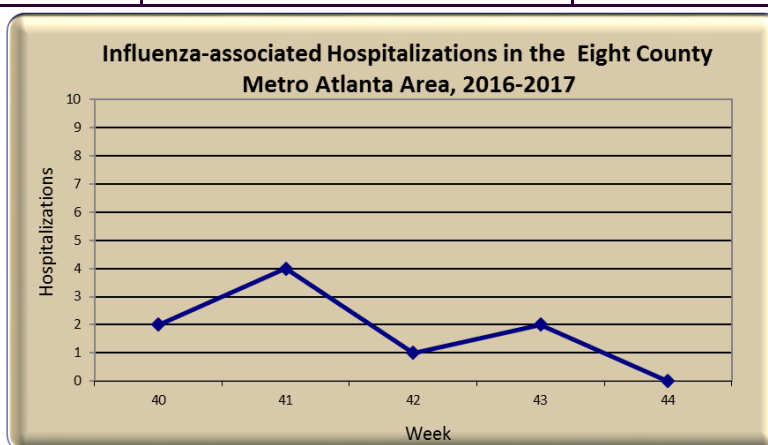
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(percentage of ILI visits by  
Age Group)



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	0	0
5 -17	1	0.14
18 - 49	1	0.05
50 - 64	4	0.55
65+	3	0.73
Unknown	0	N/A
Total	9	0.23

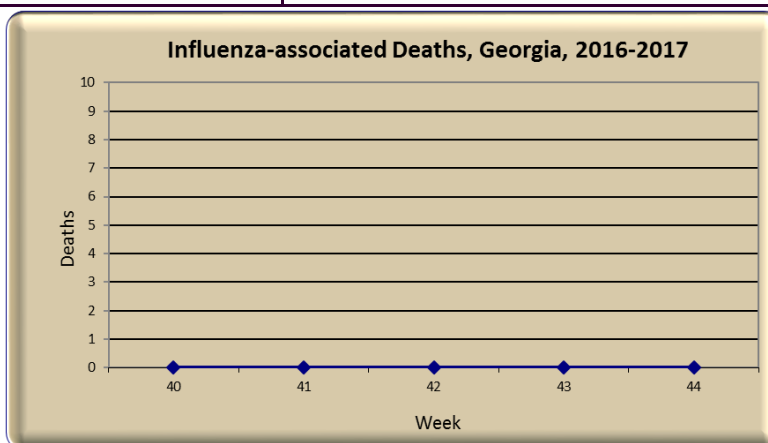
**Influenza Hospitalizations in the eight county metro Atlanta area 2016-2017** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

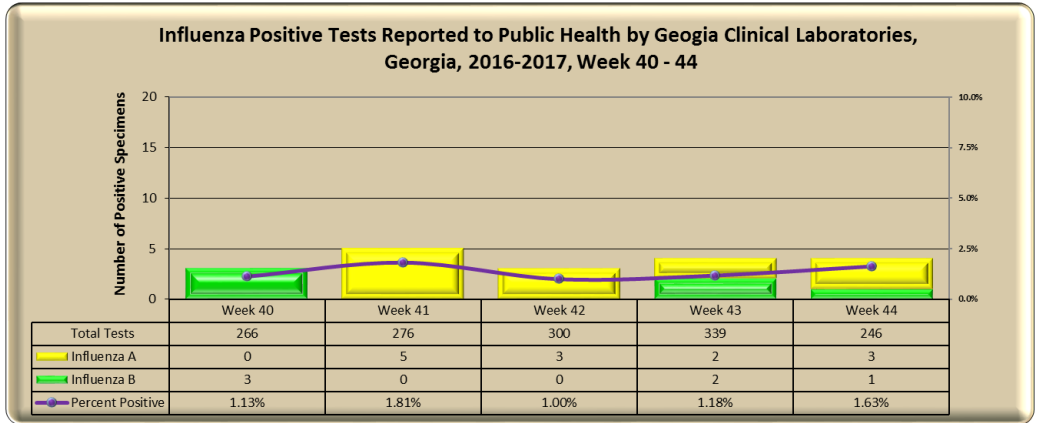
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	0
Total	0

**Influenza-Associated Deaths 2016-2017 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



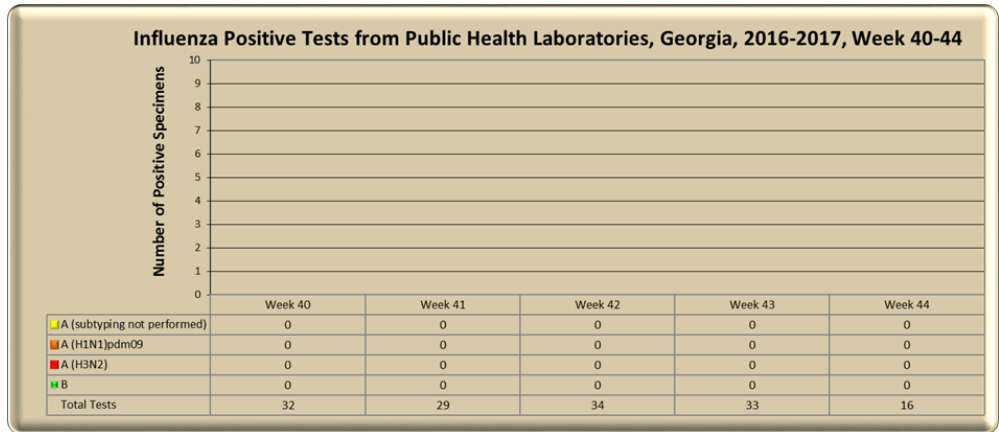
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**Georgia Virologic Surveillance Data**



During **week 44** Georgia clinical laboratories reporting to NREVSS tested 246 specimens for influenza, 4 (1.63%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 16 specimens for influenza during **week 44**, none were positive.

**Georgia threshold of RSV season onset 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: ON**

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

