

# Georgia Weekly Influenza Report

MMWR Week 46

Updated 11/27/2017

## Week 46 (November 12 — November 18, 2017) Synopsis

**During week 46 there was moderate influenza-like illness activity in Georgia with regional occurrences of sustained flu transmission.**

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **3.23%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **REGIONAL** during week 46.
- **Metro Area Hospitalizations:** There were 0 hospitalization due to influenza infection during week 46. There have been 22 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 46. There have been 0 confirmed influenza-associated deaths as of 11/27/2017.
- **Viral Surveillance:** Of the **407** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 46, and **27 (6.63%)** were positive for influenza. Public Health Laboratories tested 14 specimens during week 46, no influenza was identified.
- **Reported Influenza Outbreaks:** There were 2 influenza outbreaks reported to DPH during week 46.
- **RSV Viral Surveillance:** Of the **412** 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 46, the percent positive of **ALL** laboratory tests was **25%**.

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## Flu News

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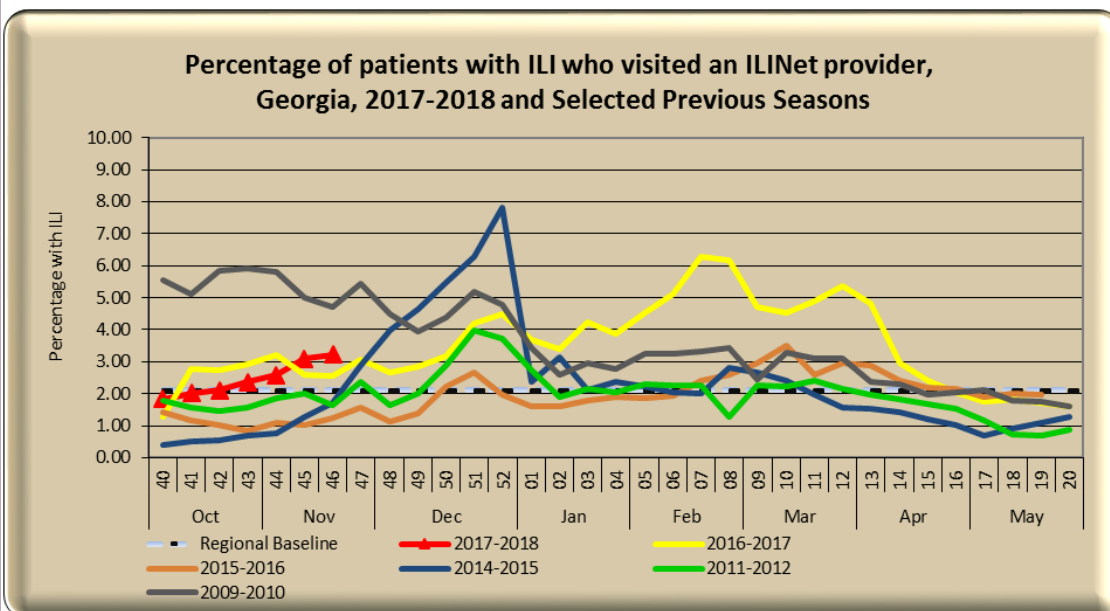
### [Health Map Vaccine Finder](#)

[News Scan: Saudi MERS case; Polio in Afghanistan; Tainted tiny turtles; Pandemic planning guide; US flu rises](#)

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

**ILINet Provider Network Data**



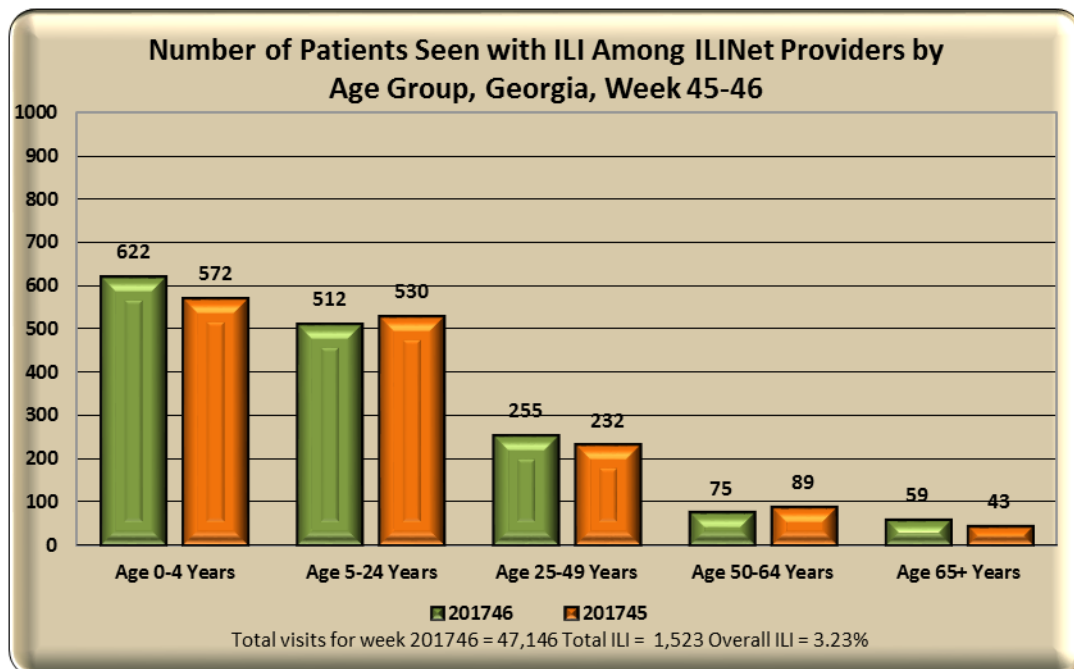
This Week: **3.23%** of patients seen in ILINet Provider offices were seen with ILI.

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

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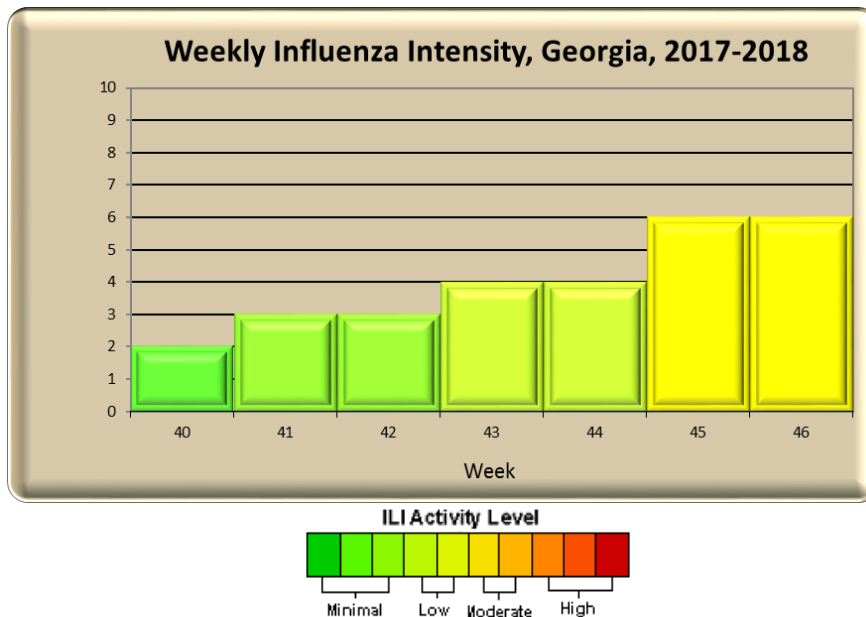
**ILI Activity Level Indicator - ILINet**

(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.

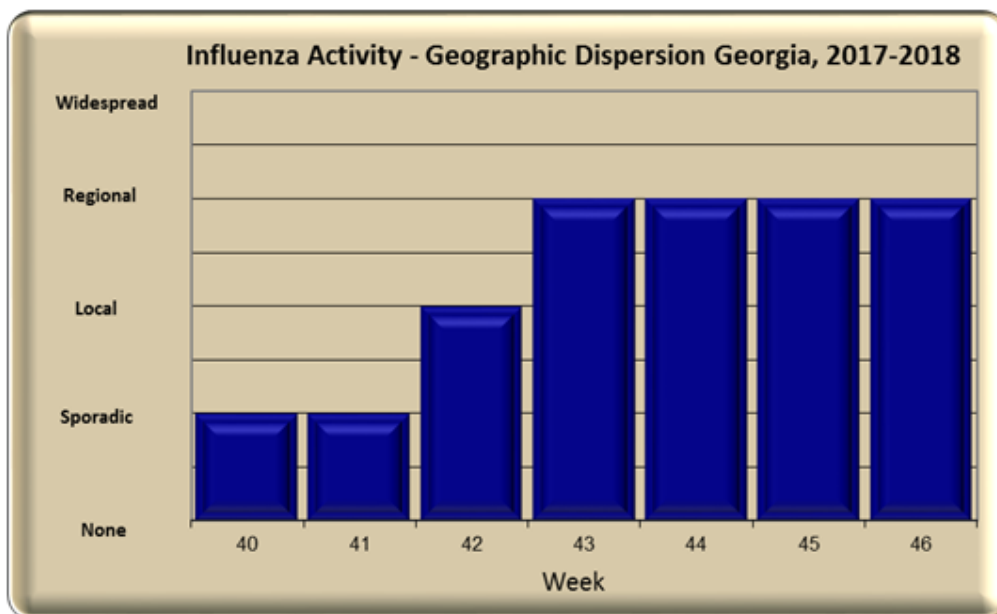
This week the intensity level is: **Moderate = 6**



**Georgia ILI Geographic Dispersion**

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

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



This Week's Flu Code is:

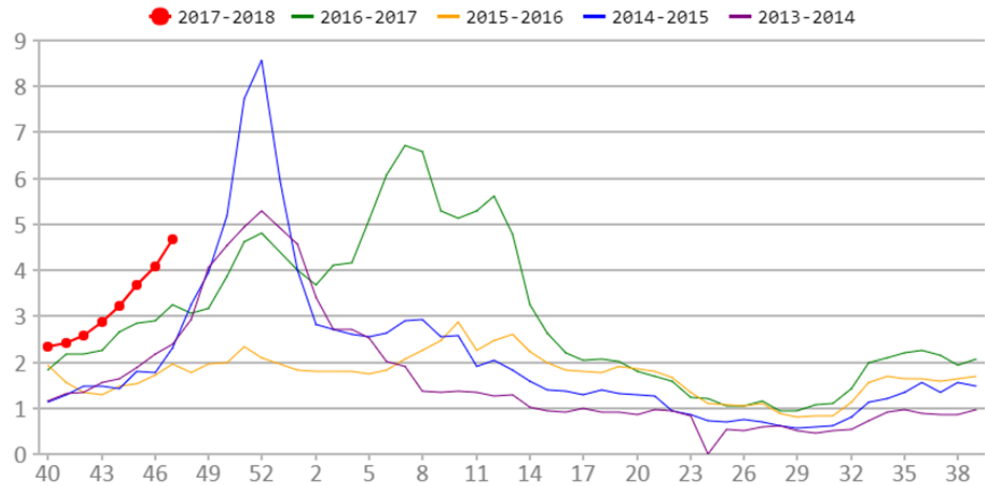
**REGIONAL**

Outbreaks of influenza OR Increases in ILI cases and recent laboratory-confirmed influenza cases in at least two but less than half the regions of the state with recent laboratory evidence of influenza in those regions in region with the outbreaks; virus activity is no greater than sporadic in other regions

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

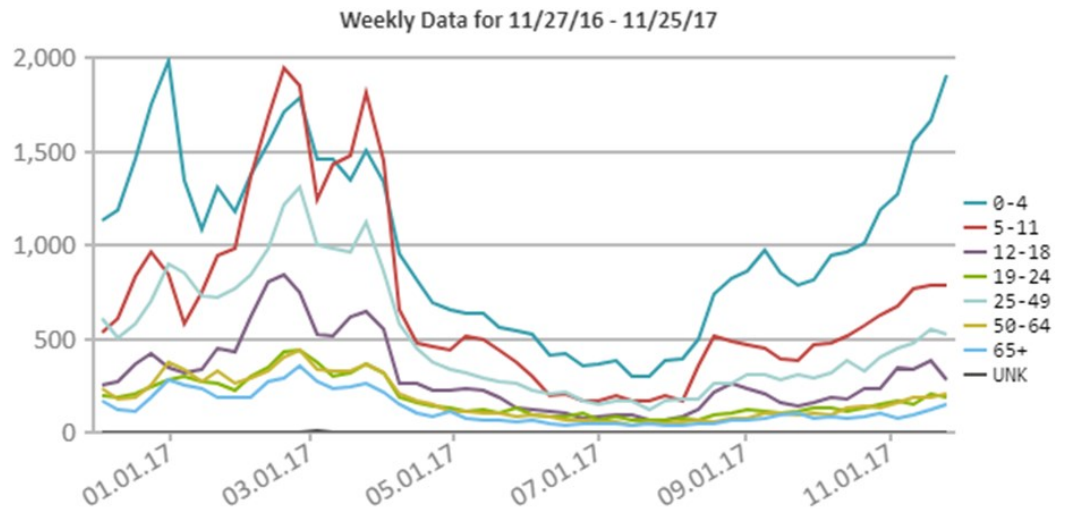
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 46** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system **increased** to 4.67% (from 4.09% during week 45).

Number of Patient Visits with ILI Syndrome by Age Group

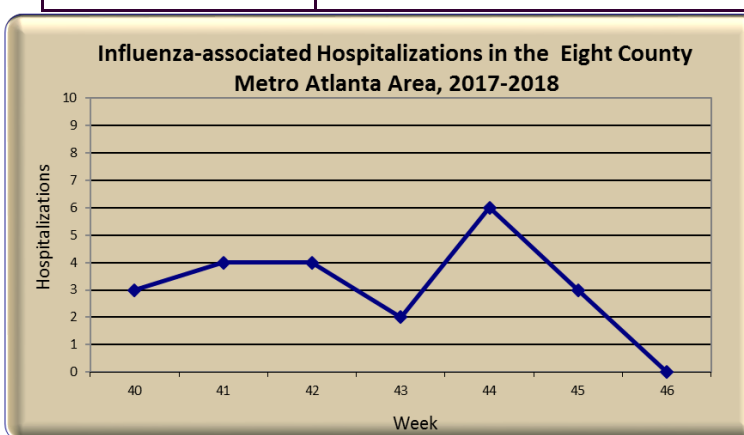
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(Number of ILI visits by Age  
Group)



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	0
5 -17	0
18 - 49	13
50 - 64	4
65+	5
Unknown	0
Total	22

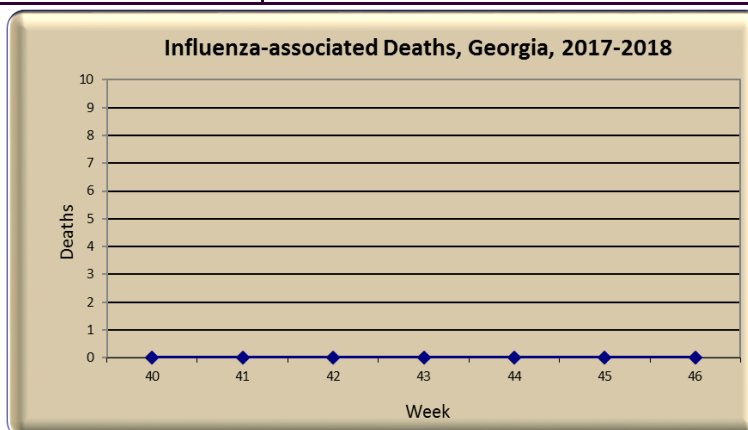
**Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018** (Emerging Infections Program data)



### 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

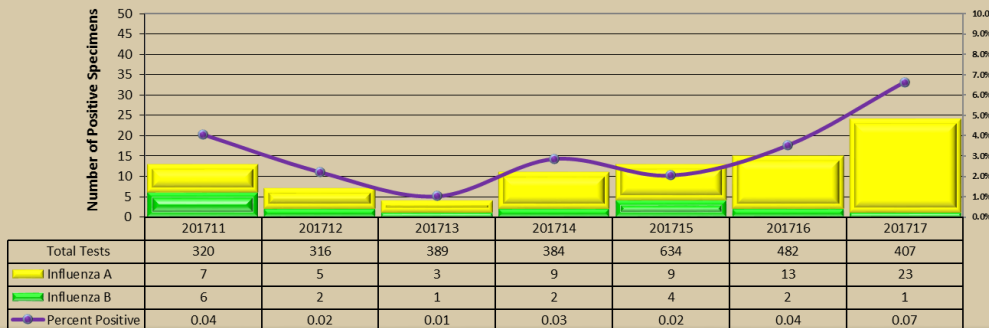
**Influenza-Associated Deaths 2017-2018 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



### Georgia Virologic Surveillance Data

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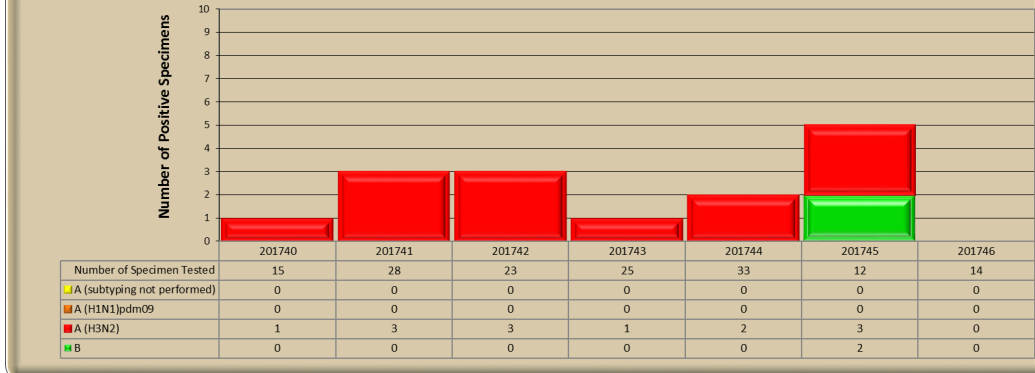
**Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 40-46**



During **week 46** Georgia clinical laboratories reporting to NREVSS tested 407 specimens for influenza, 27 (6.63%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories

**Influenza Positive Tests from Public Health Laboratories, Georgia, 2017-2018, Week 40-46**



Public Health Laboratories tested 14 specimens for influenza during **week 46**, influenza was not identified.

**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

**Percent Positive of RSV Tests By MMWR Week 2016-2017 Season**

