

# Georgia Weekly Influenza Report

MMWR Week 15

Updated 4/21/2017

## Week 15 (April 9 — April 15, 2017) Synopsis

**During week 15 there was low influenza-like illness activity in Georgia with local occurrences of sustained flu transmission.**

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **2.39%**, which is **above** the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **LOCAL** during week 15.
- **Metro Area Hospitalizations:** There were 7 hospitalizations due to influenza infection during week 15. There have been 1,212 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 7 confirmed influenza-associated deaths as of 4/21/2017.
- **Viral Surveillance:** Of the **273** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 15, **39 (14.29%)** were positive for influenza. Public Health Laboratories tested 5 specimens during week 15, 4 were positive for influenza.
- **Reported Influenza Outbreaks:** There have been 36 influenza outbreaks reported to DPH between 10/02/2016 and 04/15/2017.
- **RSV Viral Surveillance:** Of the **222** 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 15, the percent positive of **ALL** laboratory tests was **2.25%**.

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## Flu News

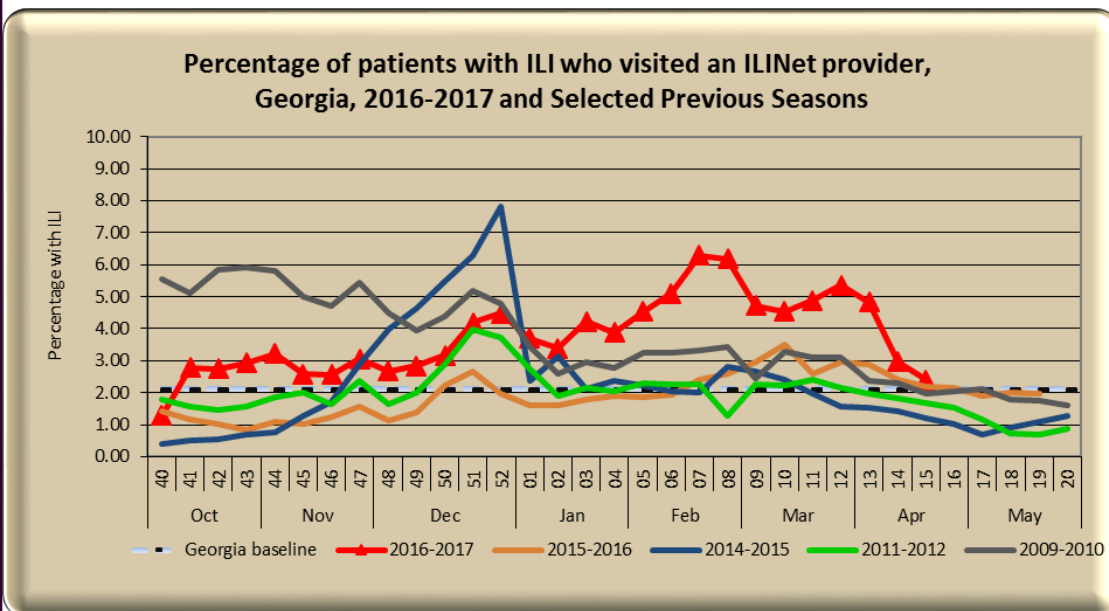
[Health Map Vaccine Finder](#)

[News Scan: Saudi MERS cases; Zika RNA in mosquitoes; H7N9 cases in China; US flu decline](#)

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

**ILINet Provider Network Data**



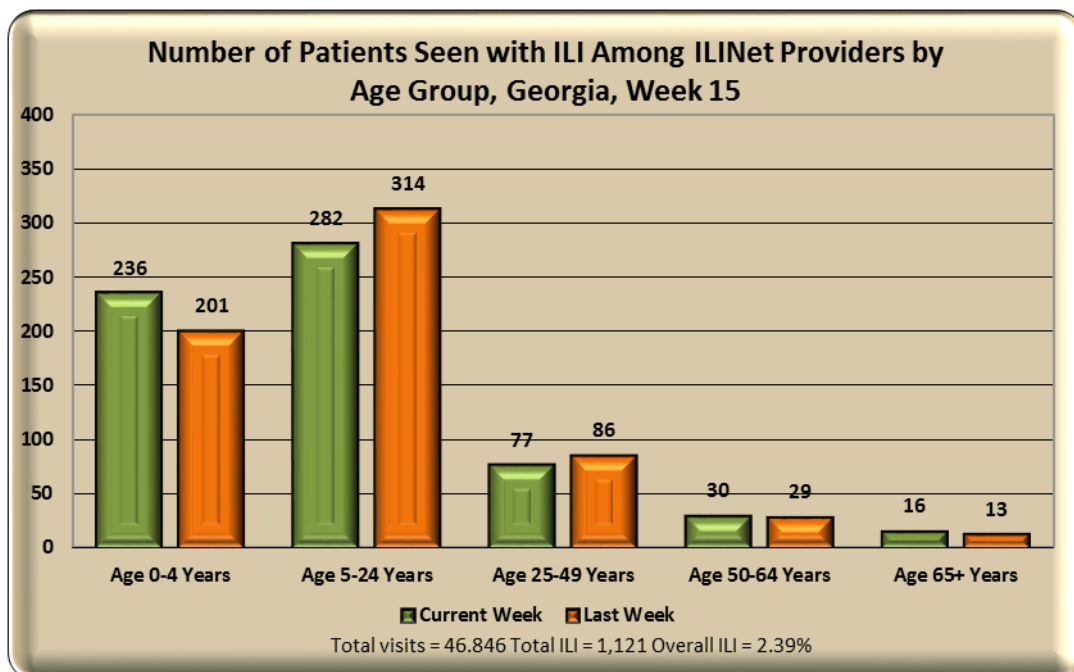
This Week: **2.39%** of patients seen in ILINet Provider offices were seen with ILI.

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

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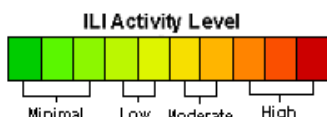
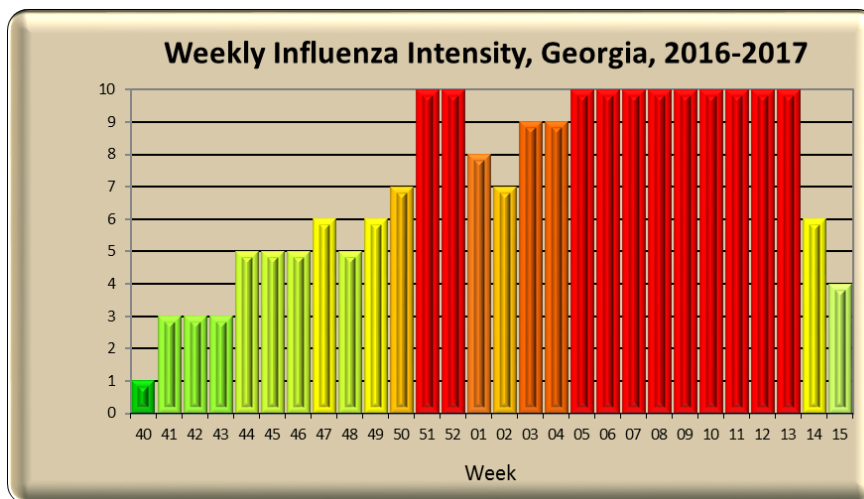
ILI Activity Level Indicator - ILINet

(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.

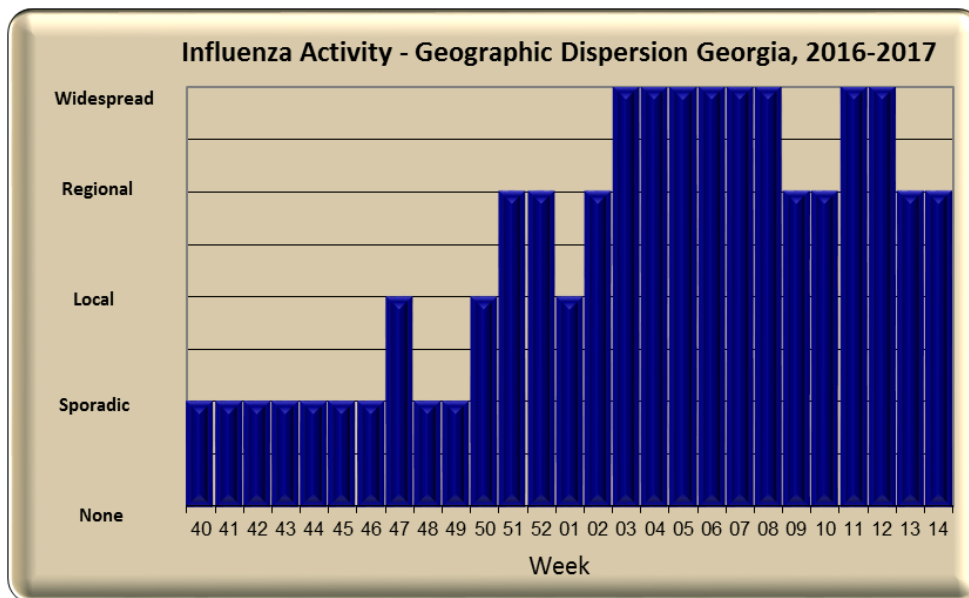
This week the intensity level is: **Low = 4**



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:

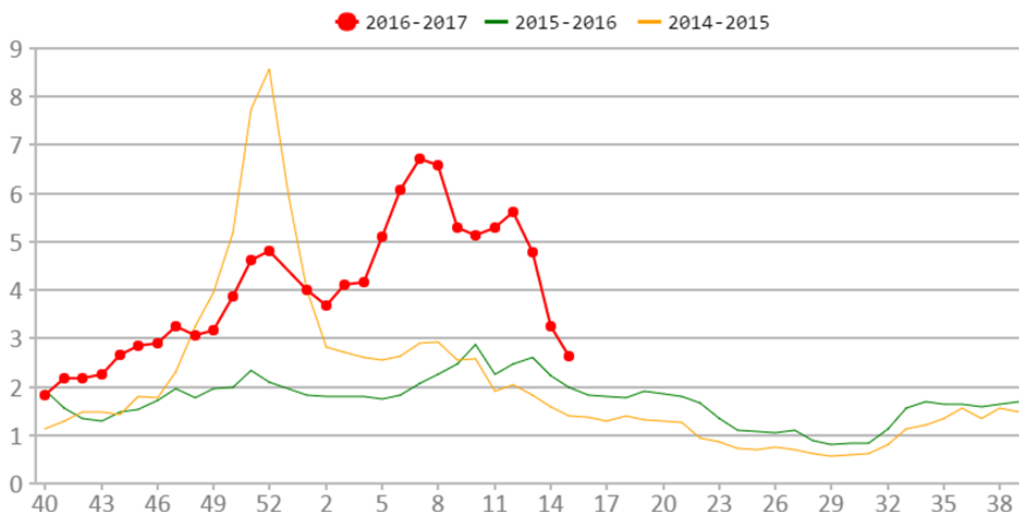
**LOCAL**

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

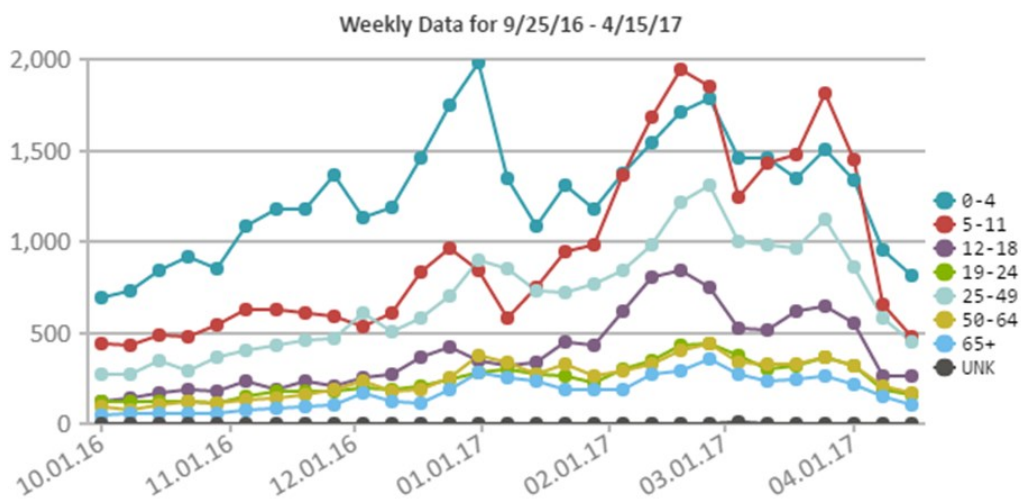
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 15** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system **decreased** to 2.63% (from 3.26% during week 14).

Number of Patient Visits with ILI Syndrome by Age Group

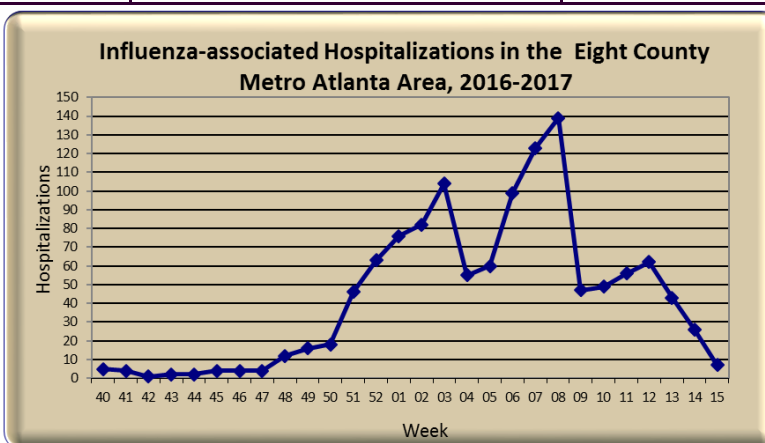
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(percentage of ILI visits by  
Age Group)



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	117	43.52
5 -17	155	21.18
18 - 49	230	12.44
50 - 64	214	29.29
65+	496	120.56
Unknown	0	N/A
Total	1,212	30.36

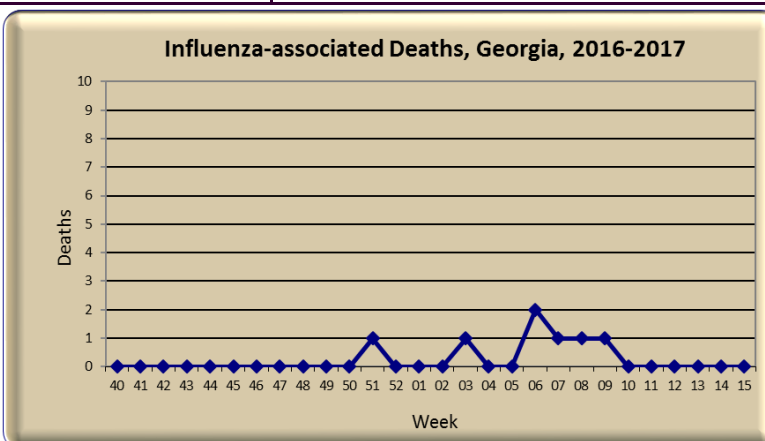
**Influenza Hospitalizations in the eight county metro Atlanta area 2016-2017** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	7
Total	0

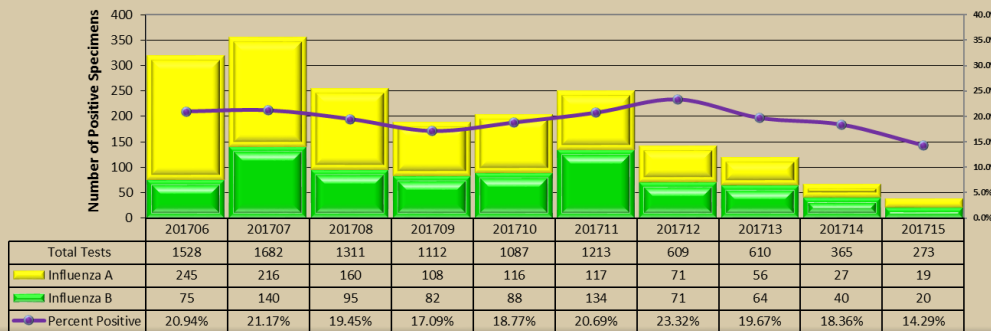
**Influenza-Associated Deaths 2016-2017 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



### Georgia Virologic Surveillance Data

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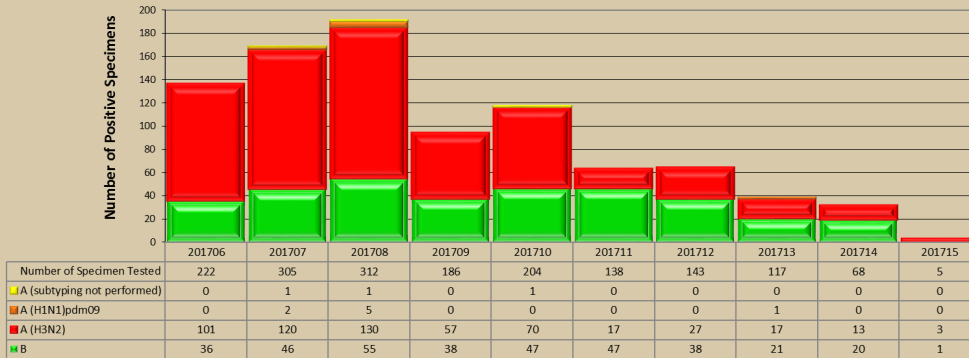
**Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2016-2017, Week 06 - 15**



During **week 15** Georgia clinical laboratories reporting to NREVSS tested 273 specimens for influenza, 39 (14.29%) 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, 2016-2017, Week 06 - 15**



Public Health Laboratories tested 5 specimens for influenza during **week 15**, 4 were positive for influenza. Influenza A(H3N2) and influenza B were identified.

**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

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

