

# Georgia Weekly Influenza Report

MMWR Week 18

Updated 5/15/2017

## Week 18 (April 30 — May 6, 2017) Synopsis

During week 18 there was minimal influenza-like illness activity in Georgia with sporadic occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.81%**, which is **below** the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 18.
- **Metro Area Hospitalizations:** There were 0 hospitalizations due to influenza infection during week 18. There have been 1,401 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 9 confirmed influenza-associated deaths as of 5/15/2017.
- **Viral Surveillance:** Of the **231** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 18, **17 (7.36%)** were positive for influenza. Public Health Laboratories tested 0 specimen during week 18.
- **Reported Influenza Outbreaks:** There have been 37 influenza outbreaks reported to DPH between 10/02/2016 and 5/15/2017.
- **RSV Viral Surveillance:** Of the **216** 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 18, the percent positive of **ALL** laboratory tests was **3.24%**.

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## Flu News

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

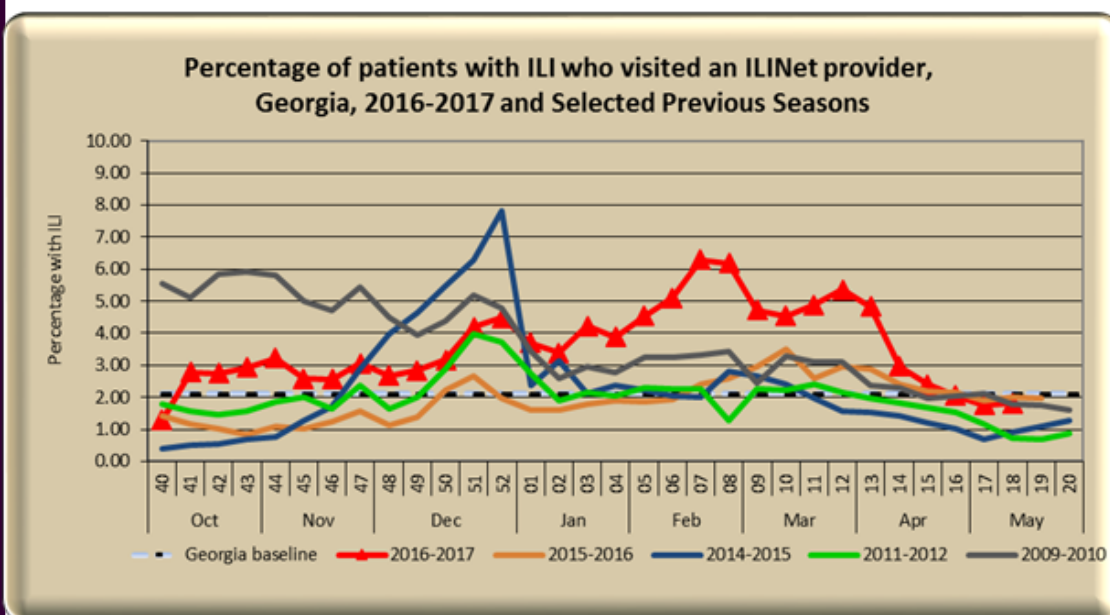
### [Flu Scan: First H3N2v case of 2017; More avian flu outbreaks](#)

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

## ILINet Provider Network Data



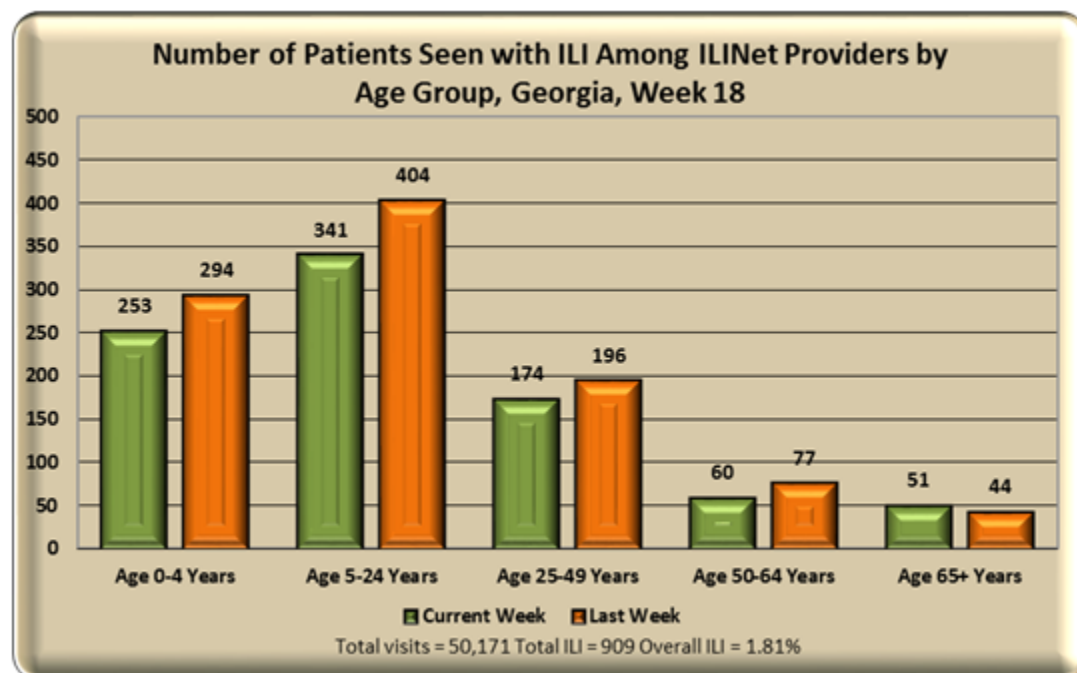
This Week: **1.81%** of patients seen in ILINet Provider offices were seen with ILI.

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

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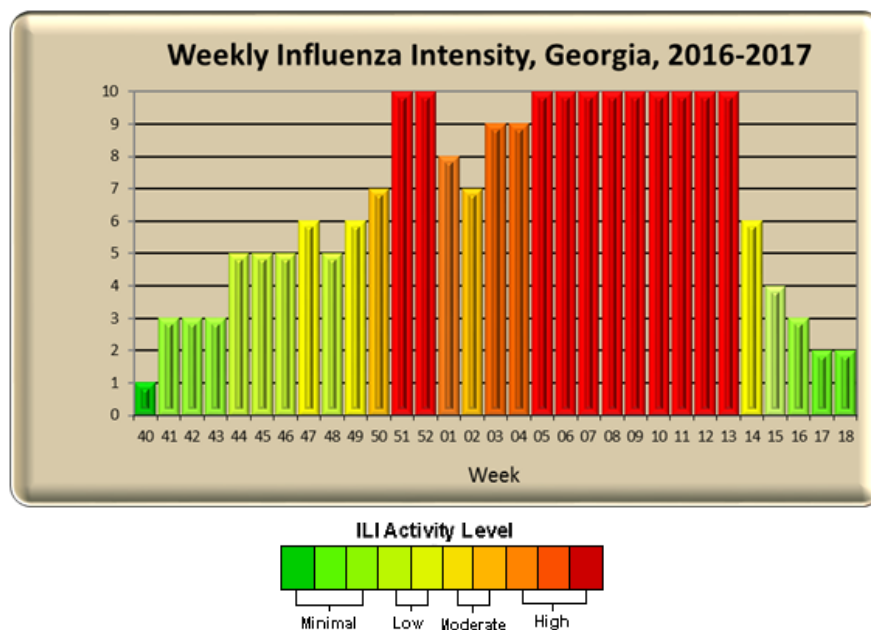
### ILI Activity Level Indicator - ILINet

(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/>

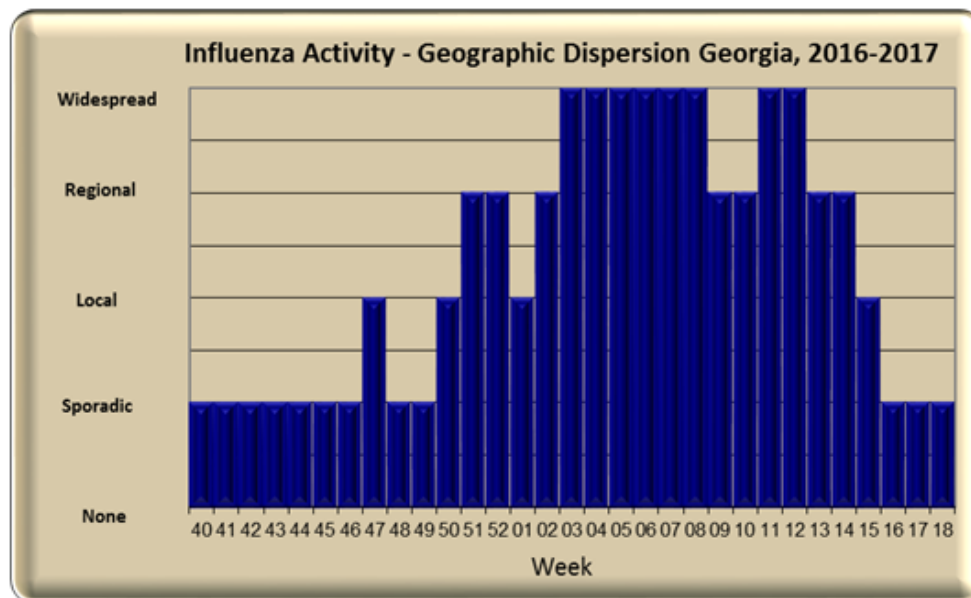
## Georgia ILI Intensity Indicator

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: **Minimal = 2**



## 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.

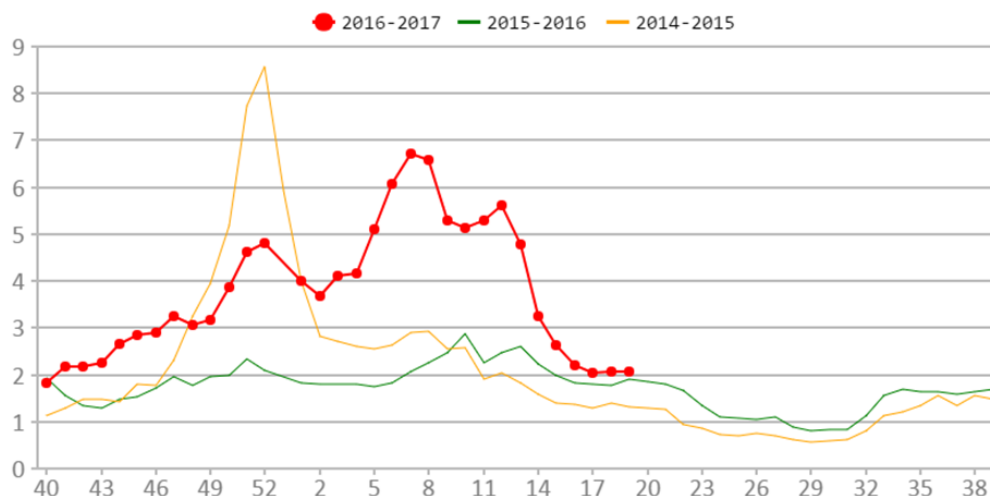
### Council of State and Territorial Epidemiologists Report – Geographic Dispersion

(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)

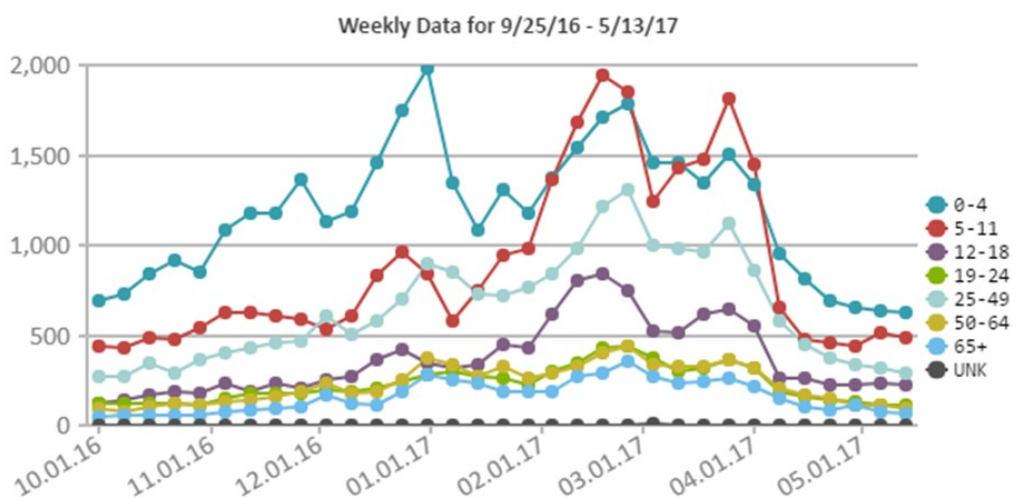
## Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 18** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system **increased** to 2.08% (from 2.05% during week 17).

## 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)

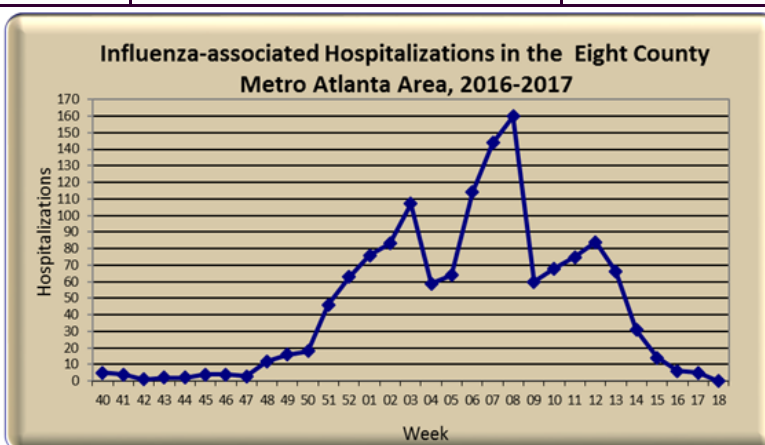


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**Influenza Hospitaliza-  
tions in the eight county  
metro Atlanta area 2016-  
2017** (Emerging Infections  
Program data)

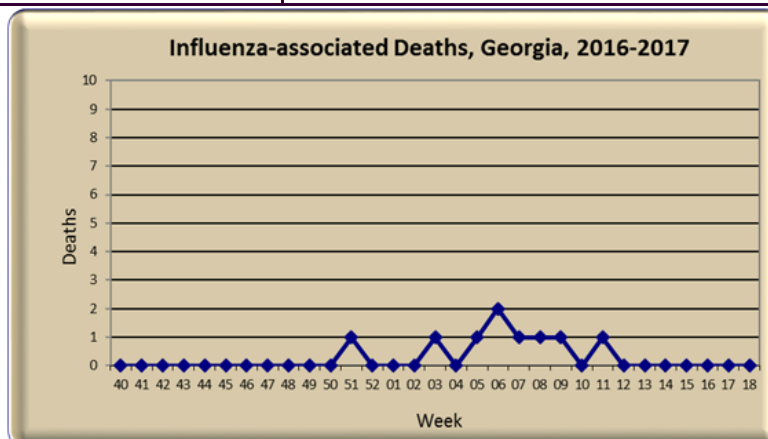
## Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	118	43.89
5 -17	160	21.86
18 - 49	268	14.50
50 - 64	265	36.27
65+	590	143.40
Unknown	0	N/A
Total	1,401	35.10



## Georgia Influenza-Associated Deaths

Age Group	Number of Deaths
0 - 4	1
5 -17	0
18 - 51	0
51 - 64	0
65+	8
Total	9

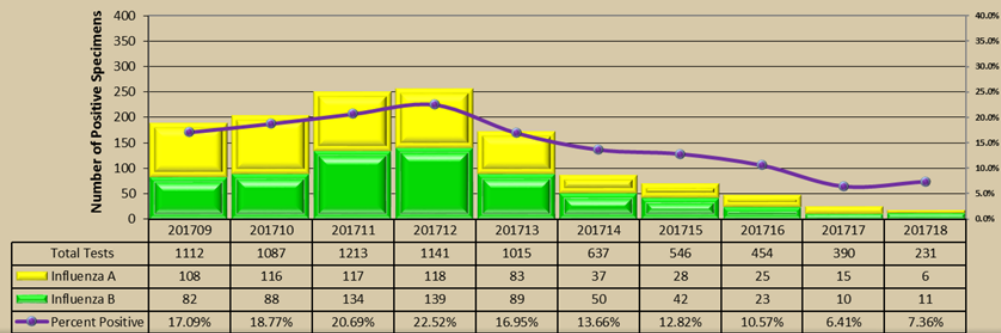


**Influenza-Associated  
Deaths 2016-2017  
Statewide** (Influenza-  
associated deaths are a notifi-  
able condition in Georgia)

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### Georgia Virologic Surveillance Data

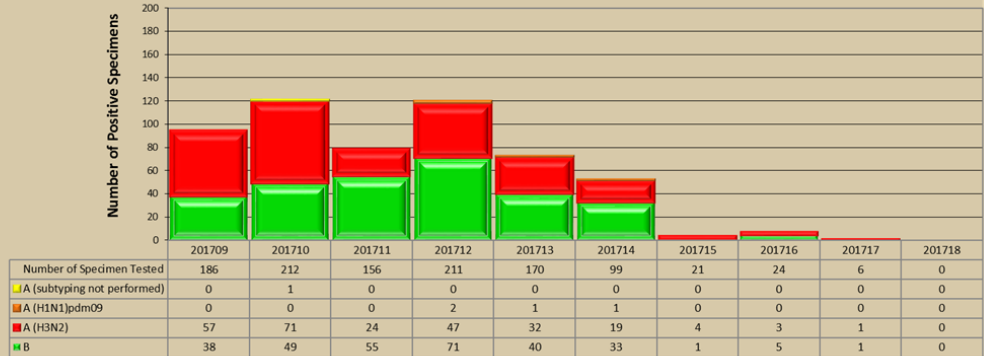
Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2016-2017, Week 09 - 18



During **week 18** Georgia clinical laboratories reporting to NREVSS tested 231 specimens for influenza, 17 (7.36%) 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 09 - 18



Public Health Laboratories tested 0 specimen for influenza during **week 18**.

### 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

