

# Georgia Weekly Influenza Report

MMWR Week 15

Updated 4/22/2016

## Week 15 (April 10 - 16 2016) Synopsis

**During week 15 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 **2.19%**, which is **above** the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 15.
- **Metro Area Hospitalizations:** There were 10 hospitalizations due to influenza infection during week 15. There have been 527 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 5 confirmed influenza-associated death as of 4/22/2016.
- **Viral Surveillance:** Of the **600** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 15, **56 (9.33%)** were positive for influenza. Public Health Laboratories tested 17 specimens during week 15, 6 were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 outbreaks reported to public health during week 15. There have been 3 influenza-related outbreaks so far this season.
- **RSV Viral Surveillance:** Of the **118** 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 3.89%.

### Flu News

[Flu Scan: Influenza A, then B; Flu vaccine protection surprise; Global flu update](#)

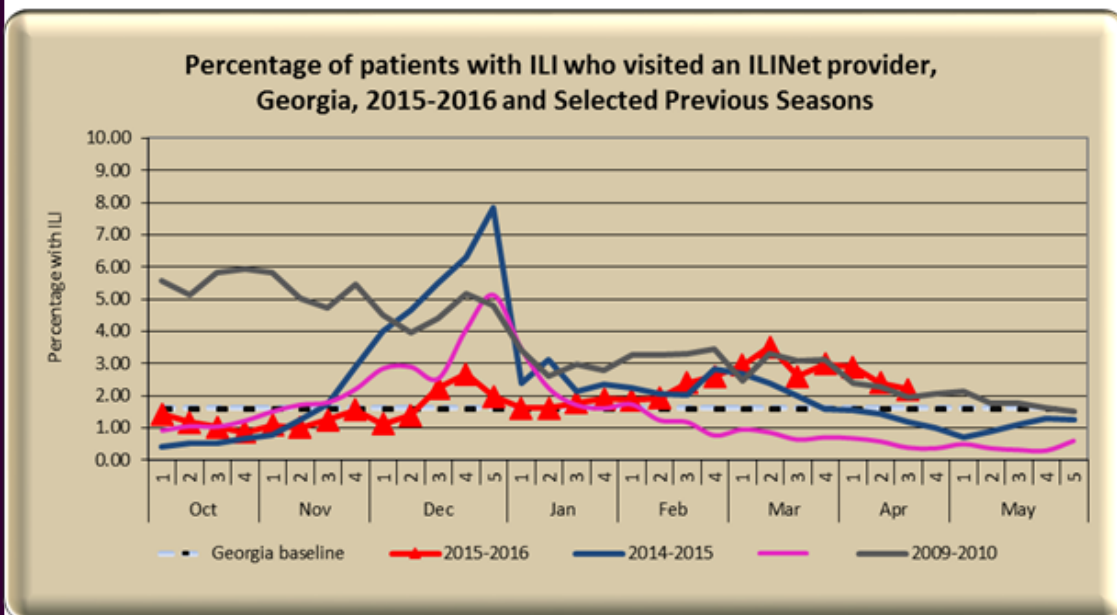
[Study: Flu vaccine efficacy can wane over single season](#)

**GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH**

**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 27 ILINet providers reporting in Georgia.)

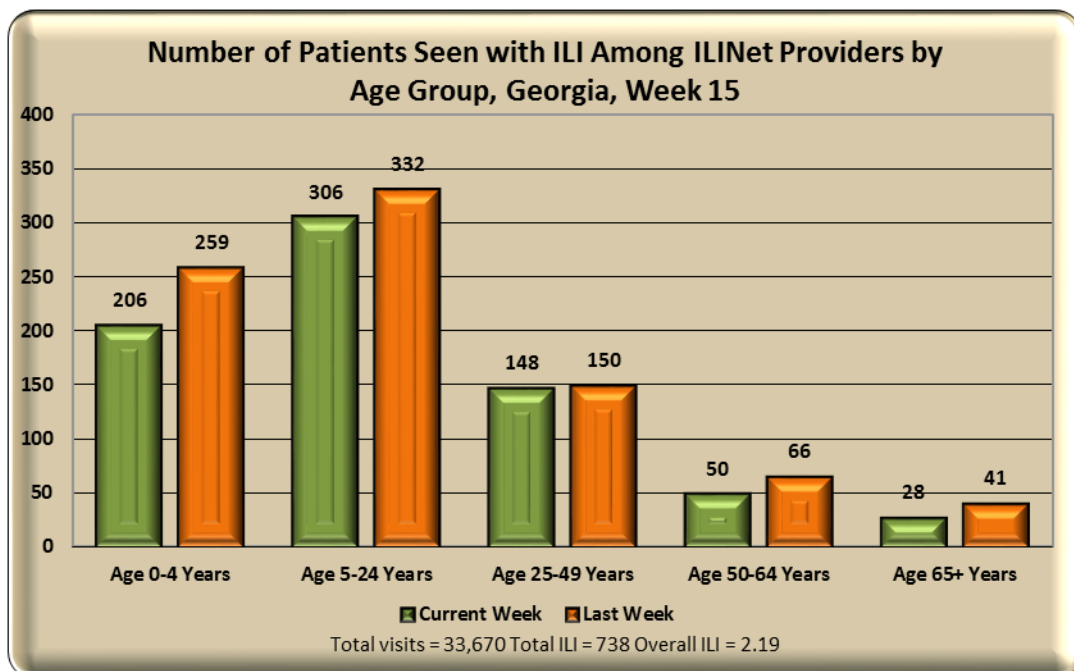
**ILINet Provider Network Data**



This Week: **2.19%** 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 15** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

**GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH**

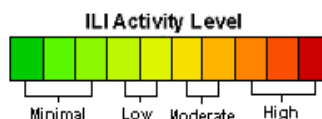
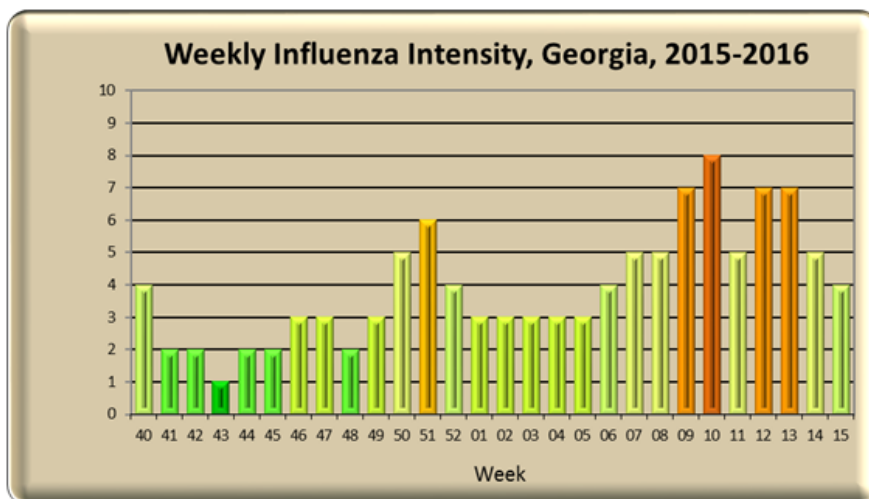
**ILI Activity Level Indicator - ILINet**

(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/>)

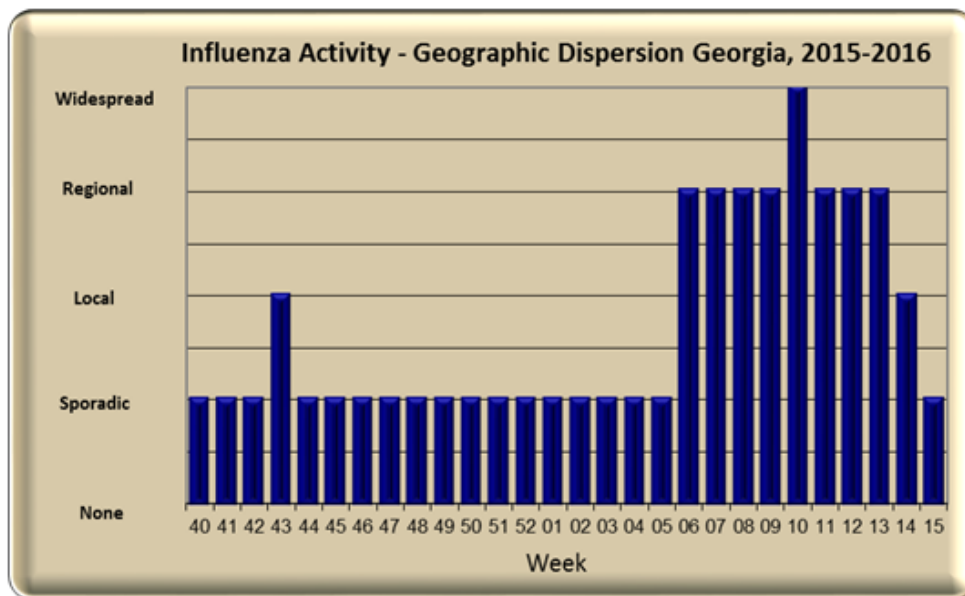
**Georgia ILI Intensity Indicator**

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**



**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.

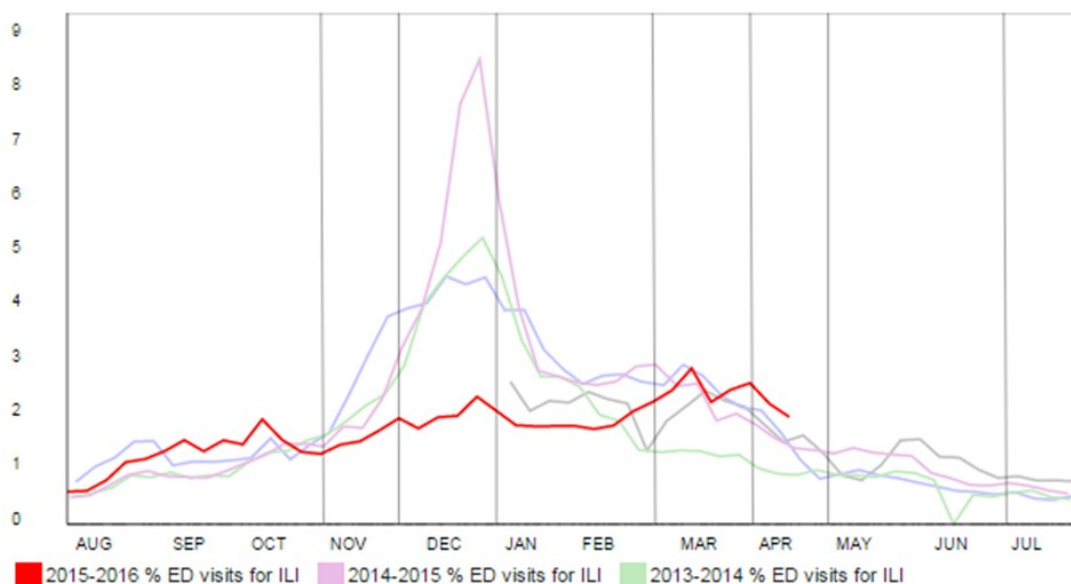
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

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

GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH

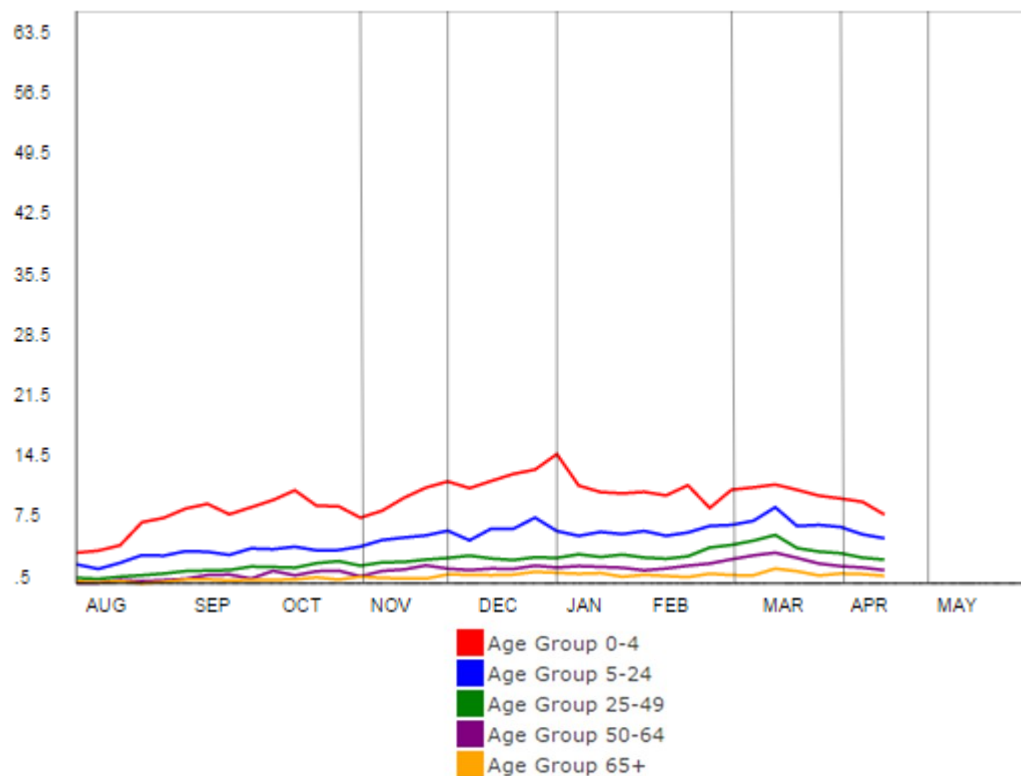
Syndromic Surveillance  
Data Daily Influenza-like  
Illness Syndrome  
(percentage of ILI visits)

### 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 compared to the previous week.

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

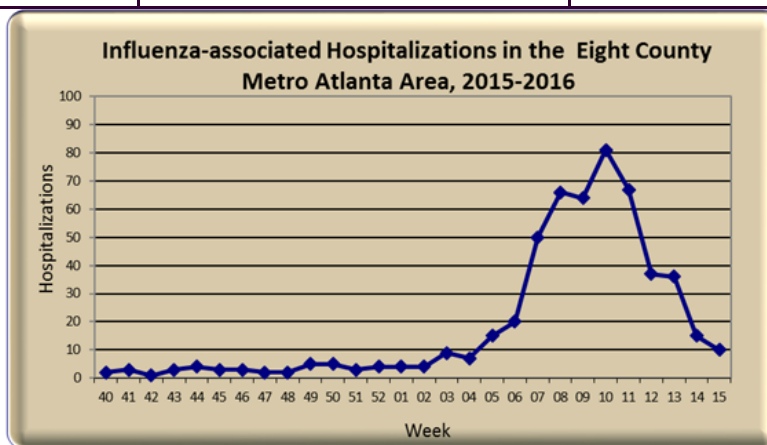


Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(percentage of ILI visits by  
Age Group)

### Georgia Influenza-Associated Hospitalizations

| Age Group | Number of Hospitalizations<br>(8- County Metro-Area Only) | Hospitalization Rate<br>(Cases/100,000 people) |
|-----------|---|--|
| 0 - 4     | 75 (14.2%)  | 27.83  |
| 5 -17     | 47 (8.9%)   | 6.59   |
| 18 - 51   | 156 (29.6%)   | 8.58   |
| 51 - 64   | 122 (23.1%)   | 17.59  |
| 65+       | 127 (24.1%)   | 34.29  |
| Total     | 527   | 14.04  |

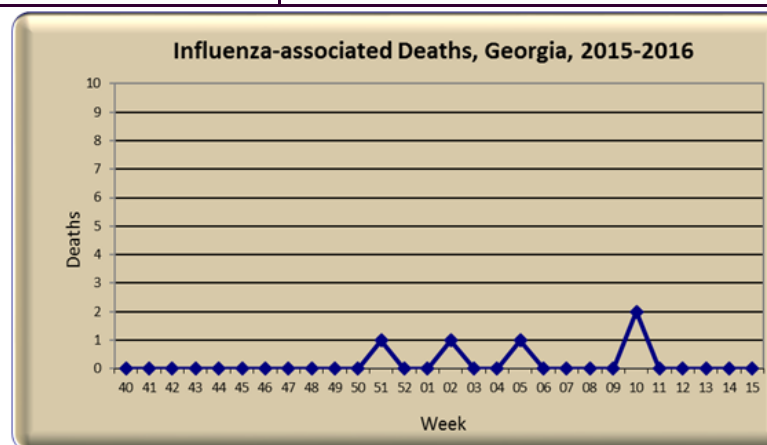
**Influenza Hospitalizations in the eight county metro Atlanta area 2015-2016** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

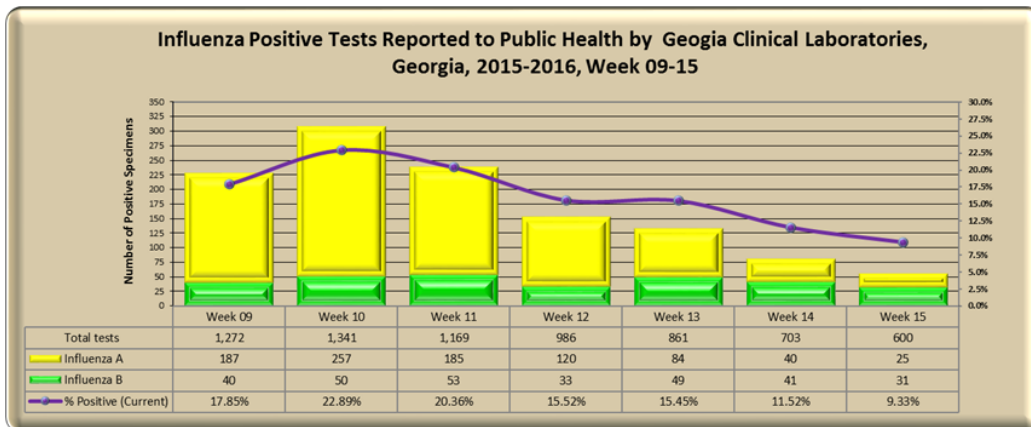
| Age Group | Number of Deaths |
|-----------|------------------|
| 0 - 4     | 0                |
| 5 -17     | 0                |
| 18 - 51   | 1                |
| 51 - 64   | 2                |
| 65+       | 2                |
| Total     | 5                |

**Influenza-Associated Deaths 2015-2016 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



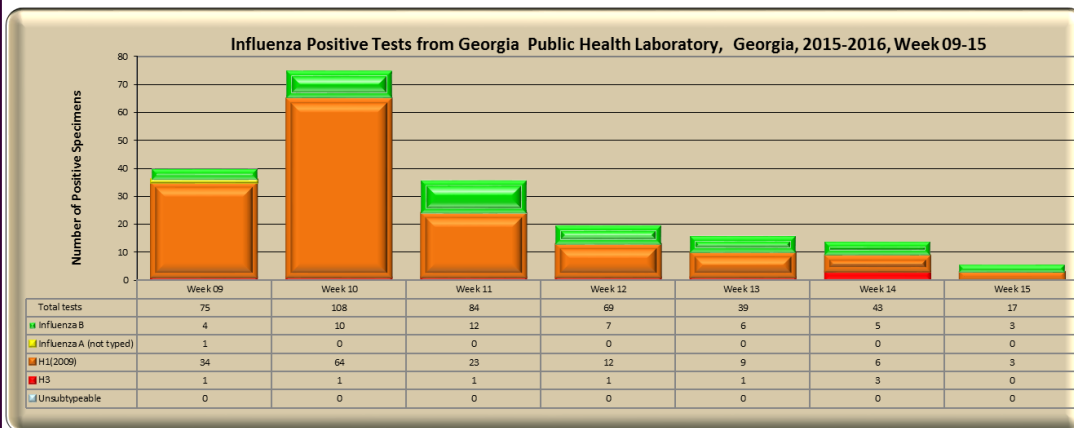
### Georgia Virologic Surveillance Data

GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH



During **week 15** Georgia clinical laboratories reporting to NREVSS tested 600 specimens for influenza, 56 (9.33%) were positive. The predominate strain identified was influenza B.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 17 specimen for influenza during **week 15**, 6 were positive for **Influenza** (3 influenza A and 3 influenza B),

### 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

