

# Georgia Weekly Influenza Report

MMWR Week 10

Updated 3/16/2018

## Week 10 (March 4 — March 17, 2018) Synopsis

During week 10 there was **HIGH** influenza-like illness intensity with **REGIONAL** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **3.7%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **REGIONAL** during week 10.
- **Metro Area Hospitalizations:** There were 15 hospitalizations due to influenza infection during week 10. There have been 2,595 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 10, there have been 134 confirmed influenza-associated deaths (4 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the **551** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 10, 55 (**10%**) were positive for influenza. Public Health Laboratories tested 4 specimens during week 10, 0 specimens was positive for influenza.
- **Reported Influenza Outbreaks:** There have been **159** influenza outbreaks reported to DPH so far this season.
- **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 10, the percent positive of **ALL** laboratory tests was **6%**.

---

## Flu News

[Health Map Vaccine Finder](#)

[Interim Estimates of 2017-18 Seasonal Influenza Vaccine Effectiveness—United States, February 2018](#)

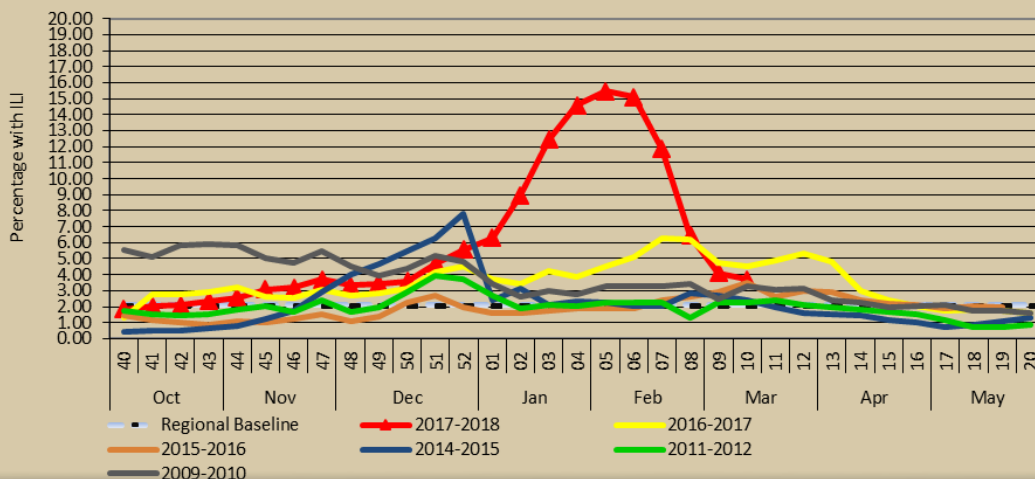
[NIAID releases strategy toward universal flu vaccine](#)

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

**ILINet Provider Network Data**

**Percentage of patients with ILI who visited an ILINet provider, Georgia, 2017-2018 and Selected Previous Seasons**

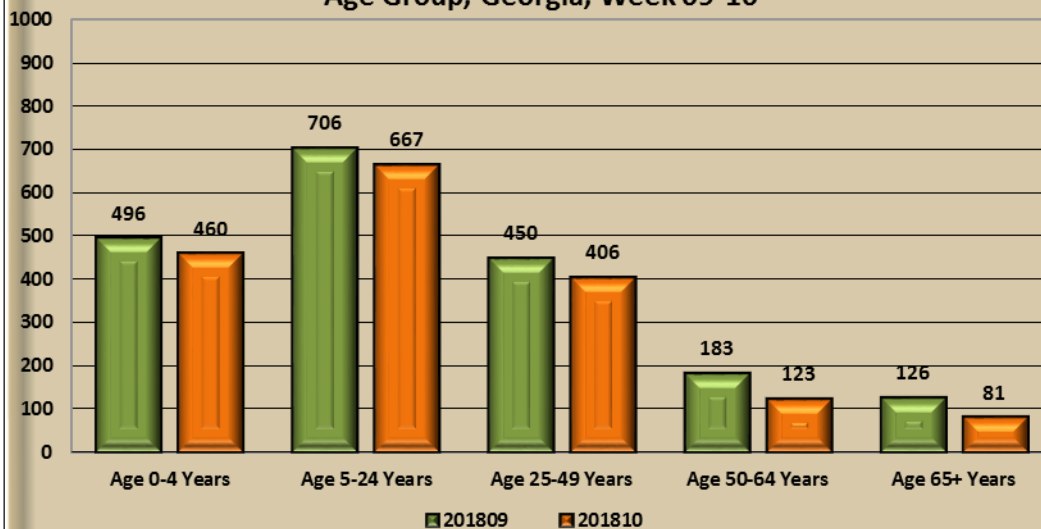


This Week: **3.7%** of patients seen in ILINet Provider offices were seen with ILI.

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**

**Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 09-10**



**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 10** those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

**GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH**

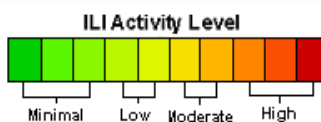
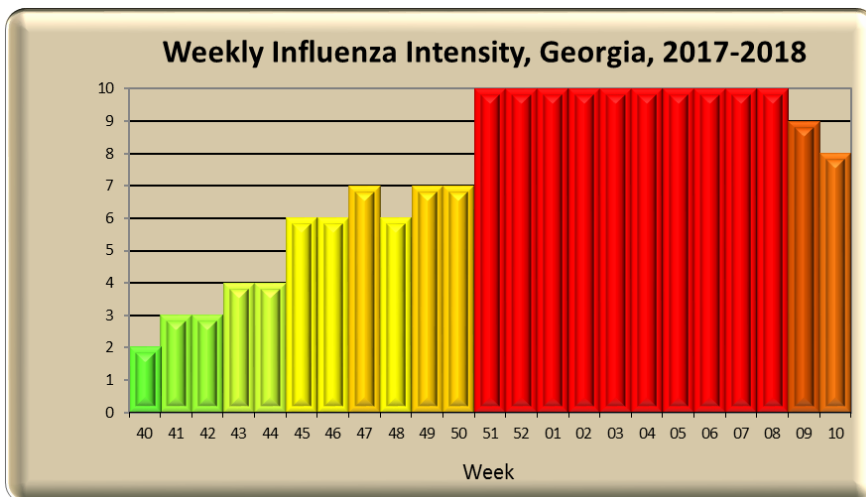
**ILI Activity Level Indicator - ILINet**

(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/>

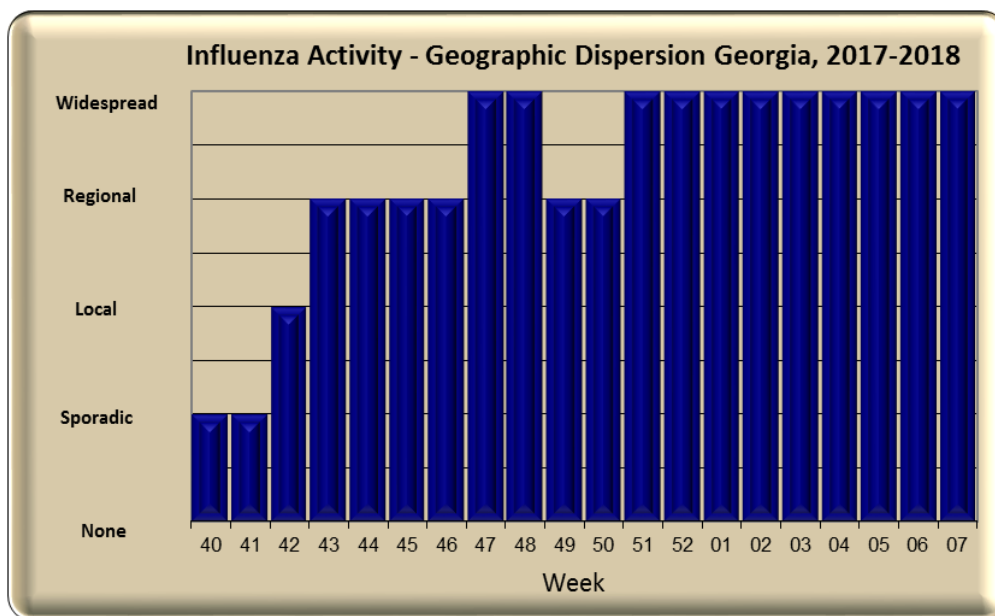
**Georgia ILI Intensity Indicator**

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: **High = 8**



**Georgia ILI Geographic Dispersion**



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

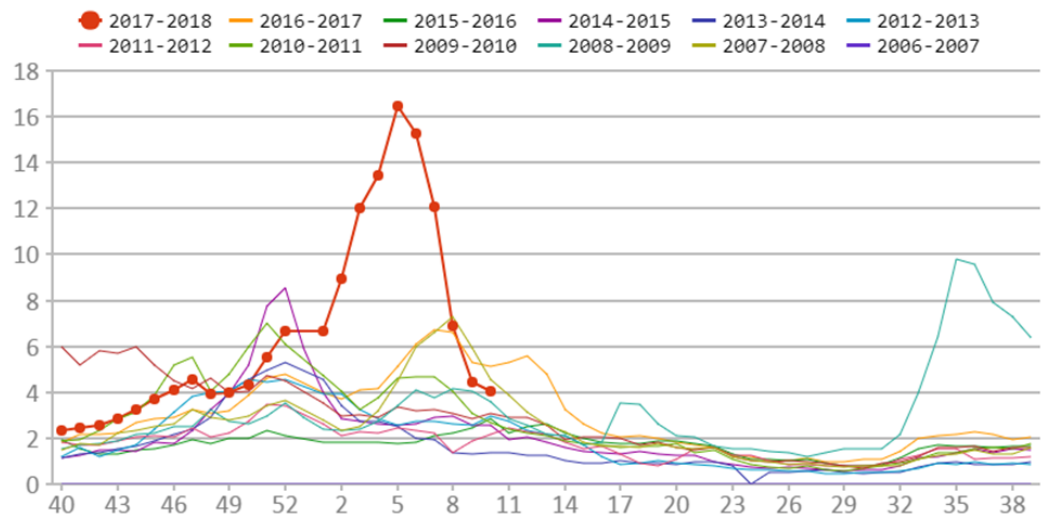
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

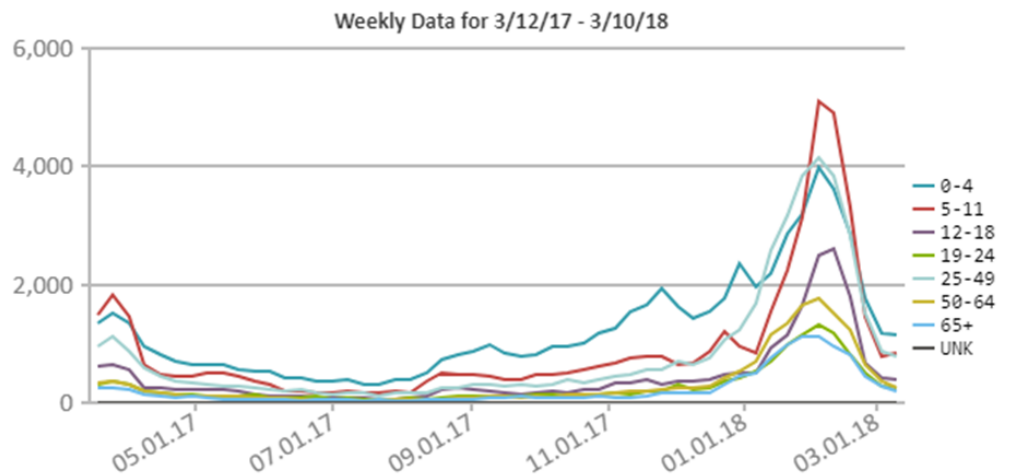
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 10** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 4.1%, decreased compared to the previous week (from 4.5% during week 09).

Number of Patient Visits with ILI Syndrome by Age Group

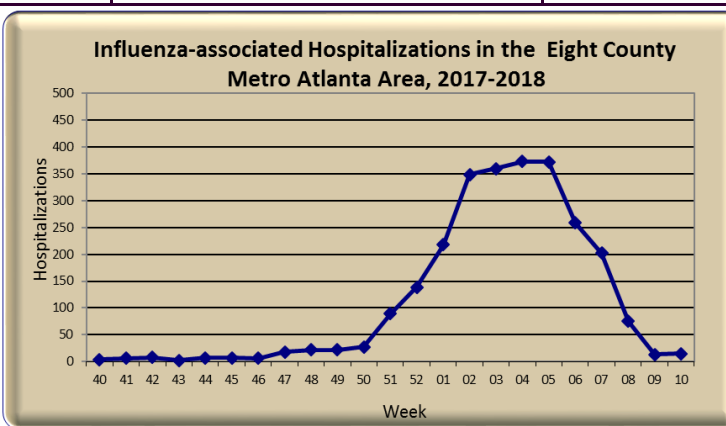
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(Number of ILI visits by Age  
Group)



### \*\*Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Cases/100,000
0 - 4	193	71.79
5 -17	150	20.49
18 - 49	535	28.94
50 - 64	551	75.42
65+	1,166	283.41
Unknown	0	N/A
Total	2,595	65.01

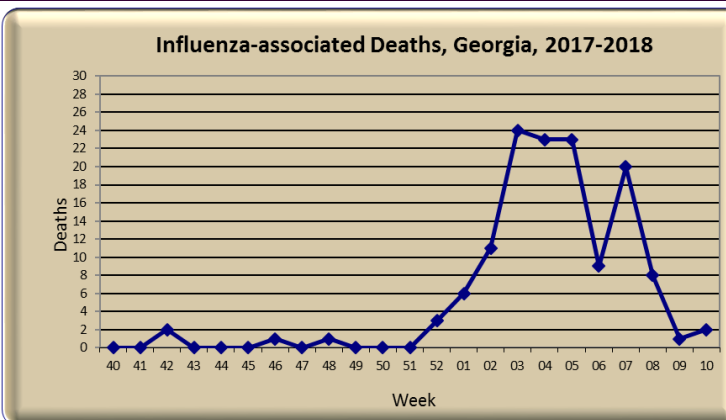
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

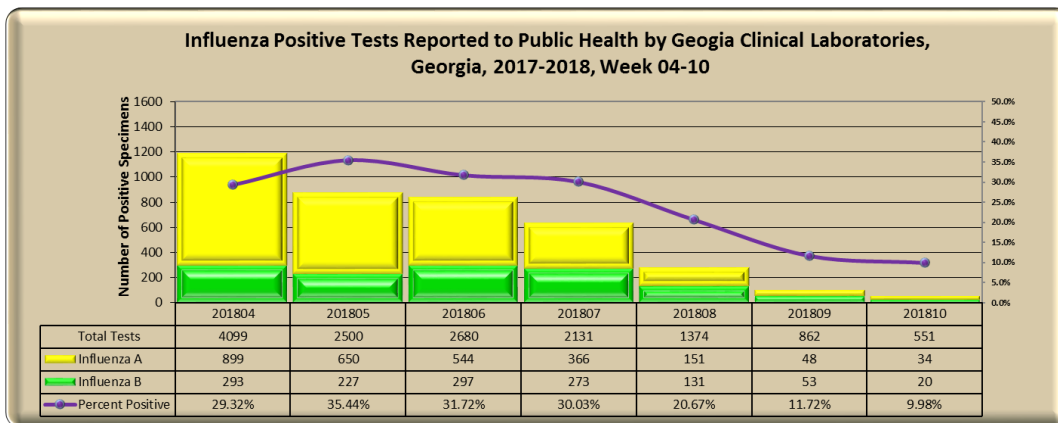
Age Group	Number of Deaths
0 - 4	0
5 -17	4
18 - 51	12
51 - 64	23
65+	95
Total	134

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



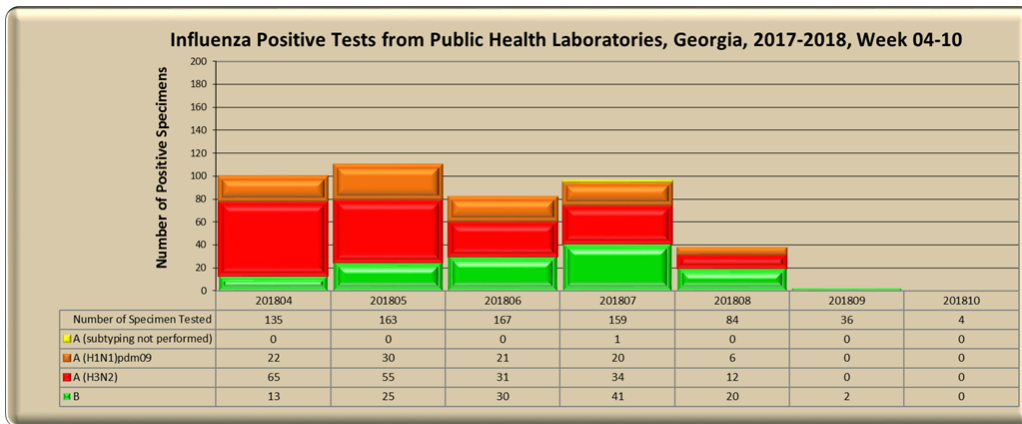
### Georgia Virologic Surveillance Data

GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH



During **week 10** Georgia clinical laboratories reporting to NREVSS tested 551 specimens for influenza, 55 (10%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 50 specimens for influenza during **week 10**, 4 specimens were positive for influenza, none were positive for influenza.

### 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

