

# Georgia Weekly Influenza Report

MMWR Week 07

Updated 2/23/2018

## Week 07 (February 11 — February 17, 2018) Synopsis

During week 07 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **11.9%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 07.
- **Metro Area Hospitalizations:** There were 91 hospitalizations due to influenza infection during week 07. There have been 2,034 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 07, there have been 98 confirmed influenza-associated deaths (4 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the **1,341** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 07, 470 (**35.1%**) were positive for influenza. There is a delay in Public Health Laboratories tested for week 07.
- **Reported Influenza Outbreaks:** There have been **155** influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **440** 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 07, the percent positive of **ALL** laboratory tests was **6.82%**.

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## Flu News

[Health Map Vaccine Finder](#)

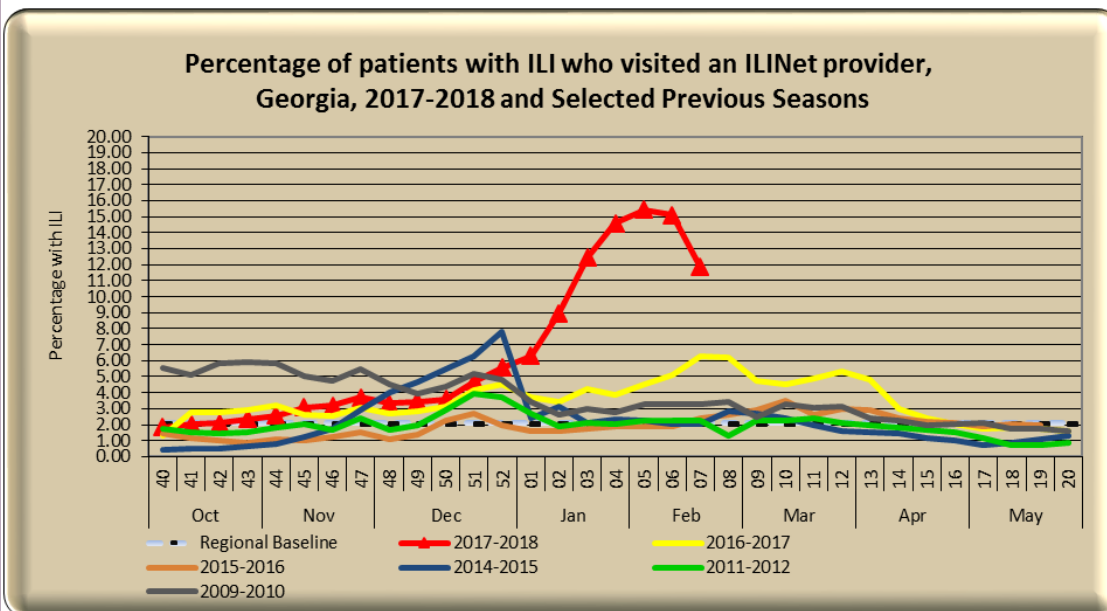
[Interim Estimates of 2017-18 Seasonal Influenza Vaccine Effectiveness—United States, February 2018](#)

[Senate bill would jump-start universal flu vaccine efforts](#)

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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.)

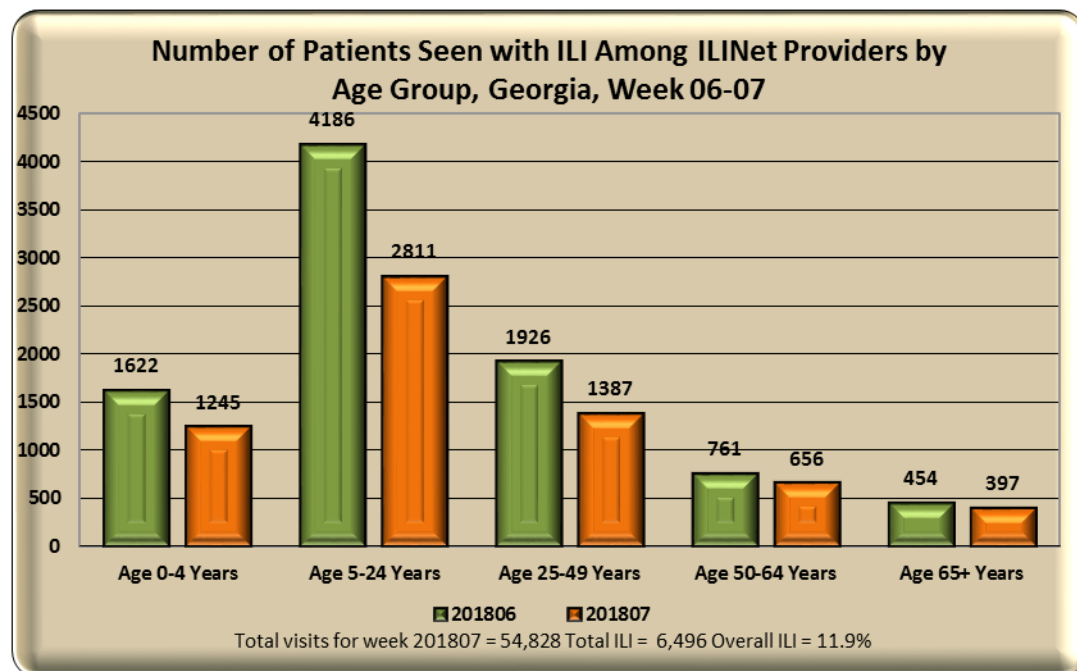
ILINet Provider Network Data



This Week: **11.9%** 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 07** those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

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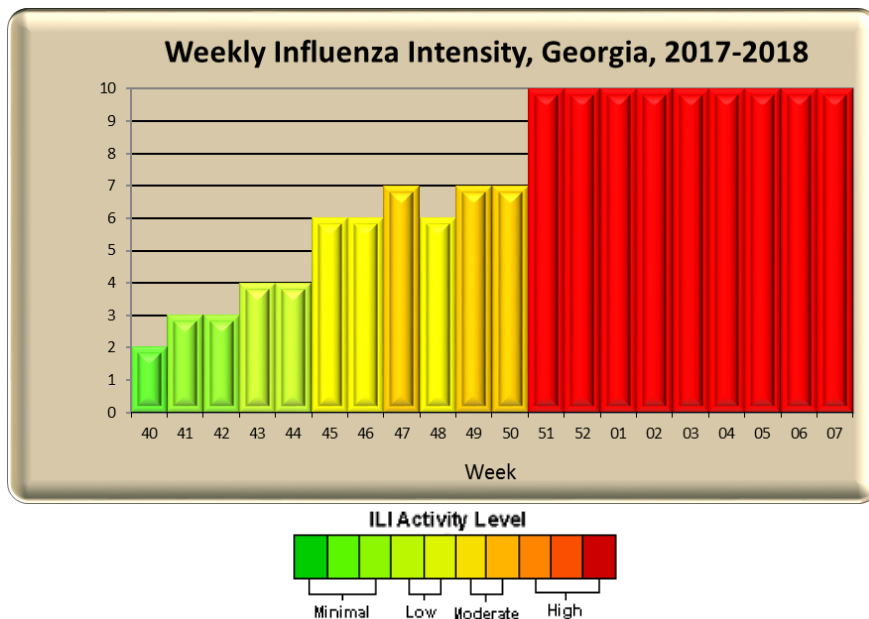
**ILI Activity Level Indicator - ILINet**

(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/>)

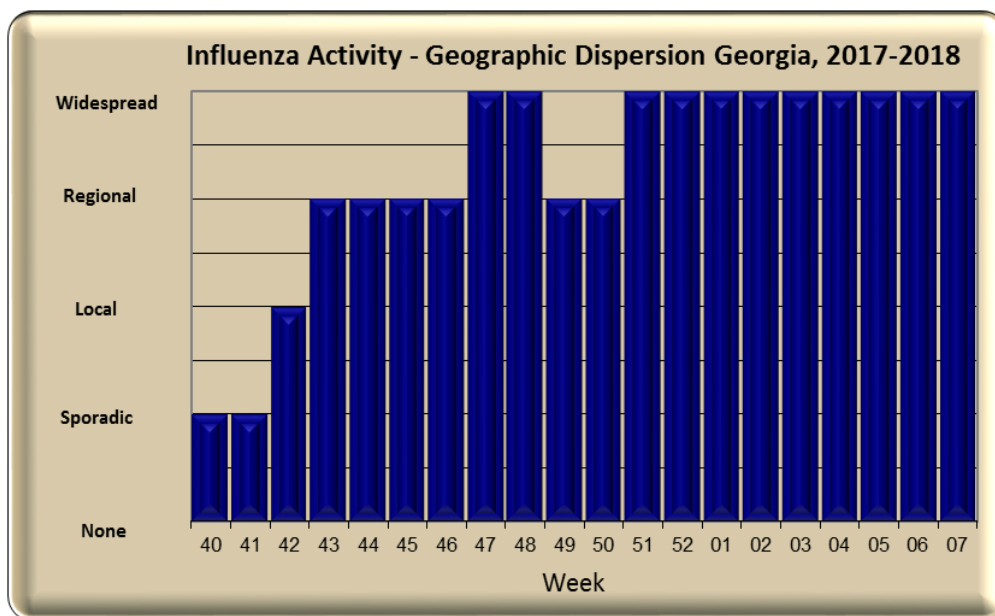
**Georgia ILI Intensity Indicator**

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: **High = 10**



**Georgia ILI Geographic Dispersion**



This Week's Flu Code is:

**WIDESPREAD**

Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions

AND

Recent (within the past 3 weeks) lab confirmed influenza in the state in region with the outbreaks; virus activity is no greater than sporadic in other regions

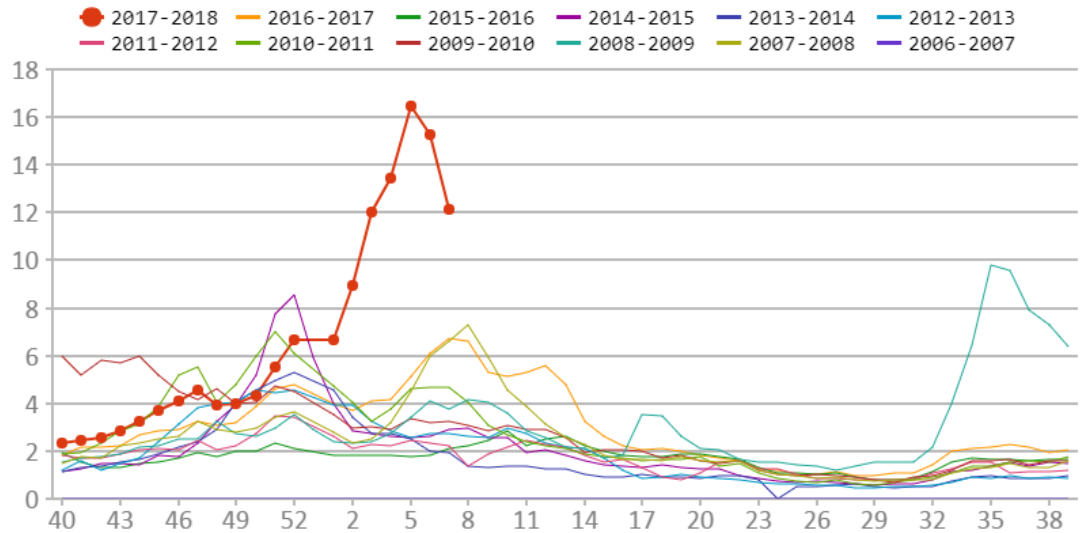
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

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

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

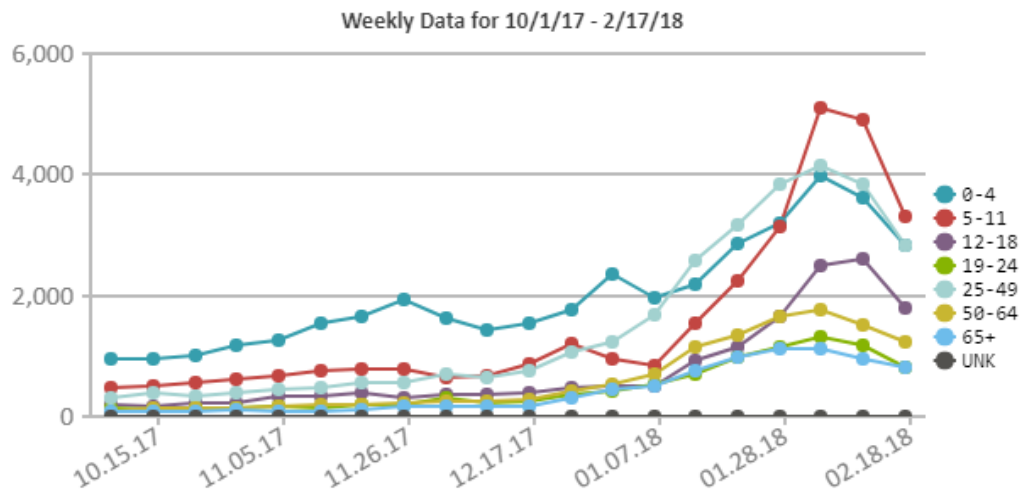
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 07** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 12.1%, decreased compared to the previous week (from 15.3% during week 06).

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)

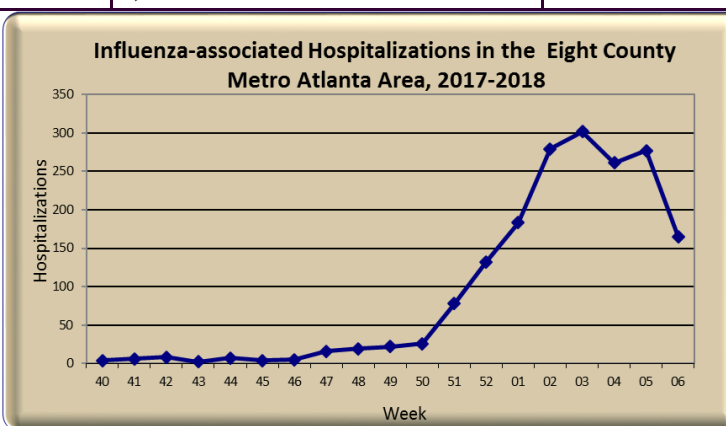


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**\*\*Georgia Influenza-Associated Hospitalizations**

| Age Group | Number of Hospitalizations<br>(8- County Metro-Area Only) | Cases/100,000 |
|-----------|---|---------------|
| 0 - 4     | 179   | 66.58         |
| 5 -17     | 138   | 18.85         |
| 18 - 49   | 396   | 21.42         |
| 50 - 64   | 405   | 55.44         |
| 65+       | 916   | 222.64        |
| Unknown   | 0   | N/A           |
| Total     | 2,034   | 50.96         |

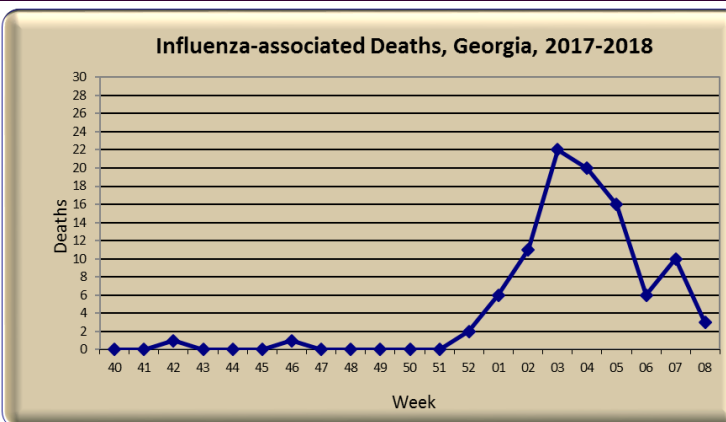
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



**Georgia Influenza-Associated Deaths**

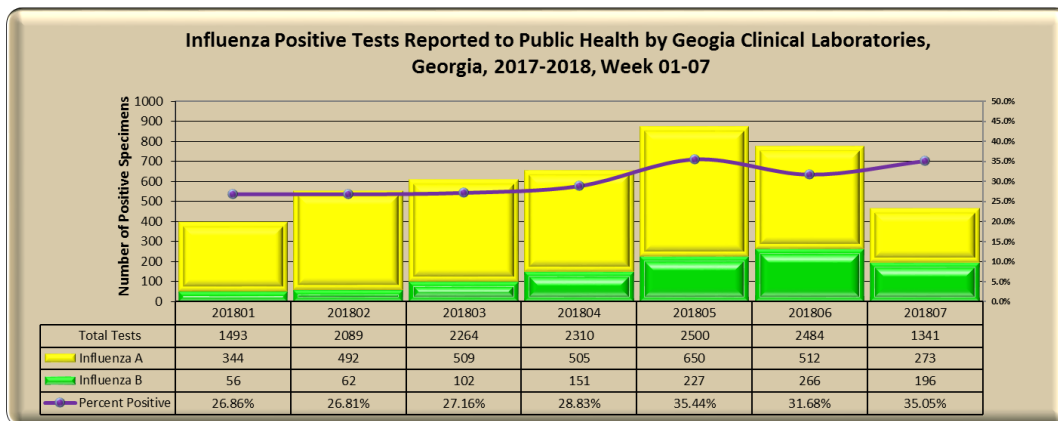
| Age Group | Number of Deaths |
|-----------|------------------|
| 0 - 4     | 0                |
| 5 -17     | 4                |
| 18 - 51   | 10               |
| 51 - 64   | 14               |
| 65+       | 70               |
| Total     | 98               |

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



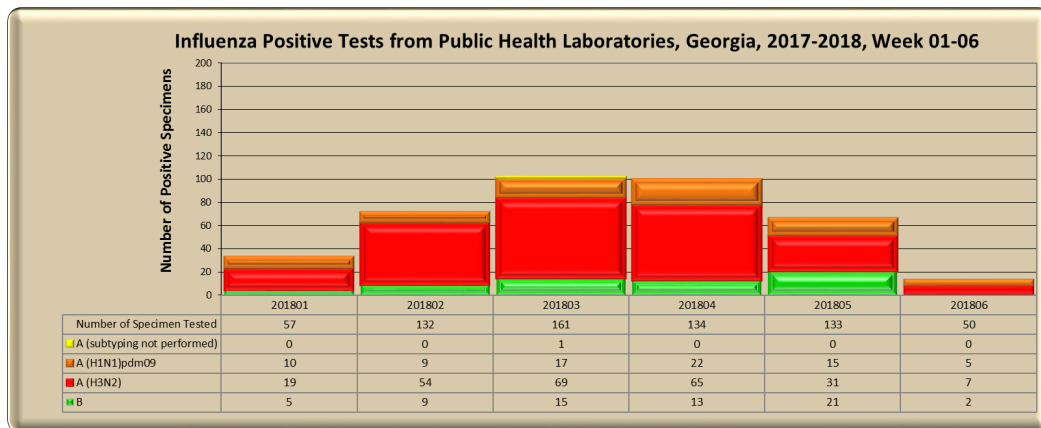
### Georgia Virologic Surveillance Data

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During **week 07** Georgia clinical laboratories reporting to NREVSS tested 1,341 specimens for influenza, 470 (35.1%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



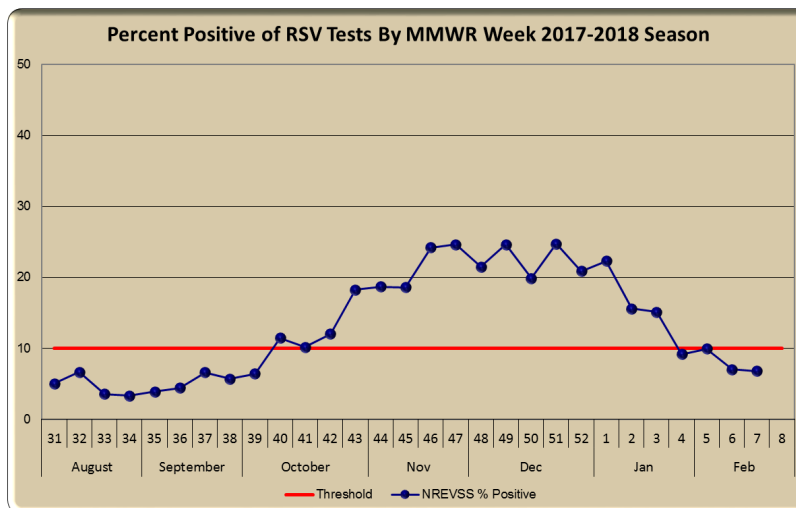
Public Health Laboratories tested 50 specimens for influenza during **week 06**, 14 specimens were positive for influenza (influenza A(H3N2), influenza A(H1N1), and influenza B).

**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: ON\***

### Respiratory Syncytial Virus (RSV) Surveillance Data



\*RSV season status is 'ON' due to a delay in reporting. The percent positive may change in the coming weeks.