

# 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 2,0341 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](#)

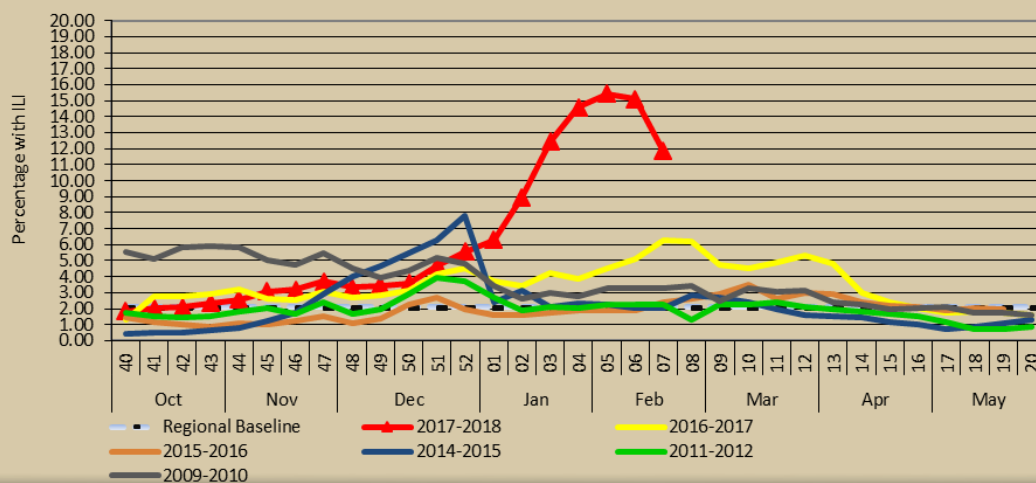
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## Percentage of patients with ILI reported by ILINet providers

(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

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

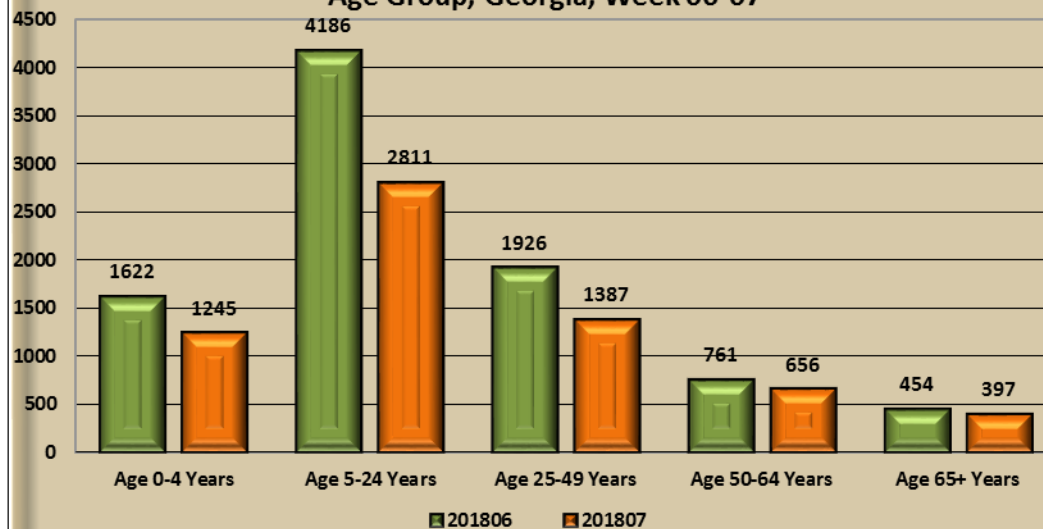


This Week: **11.9%** of patients seen in ILINet Provider offices were seen with ILI.

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

Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 06-07



## 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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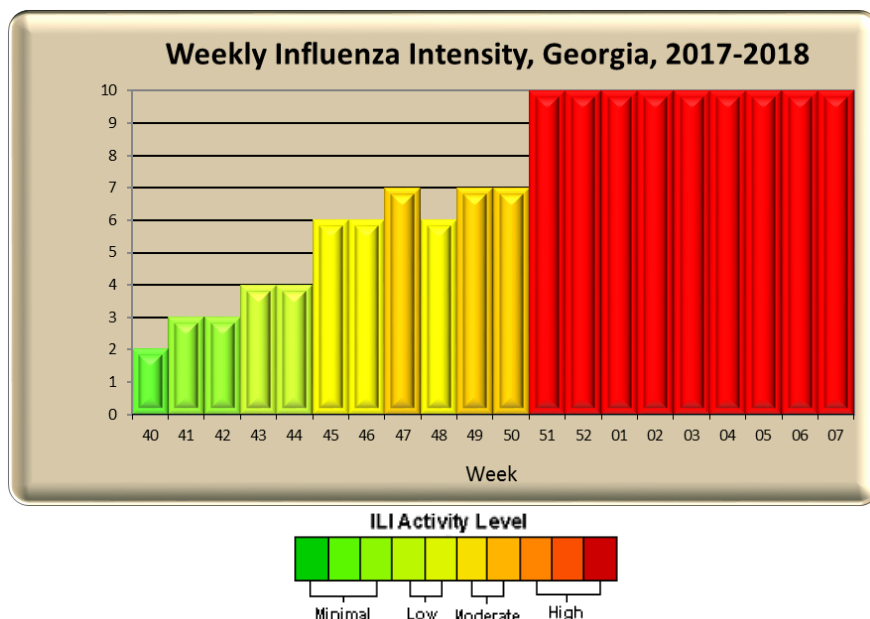
ILI Activity Level Indicator - ILINet

(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/>

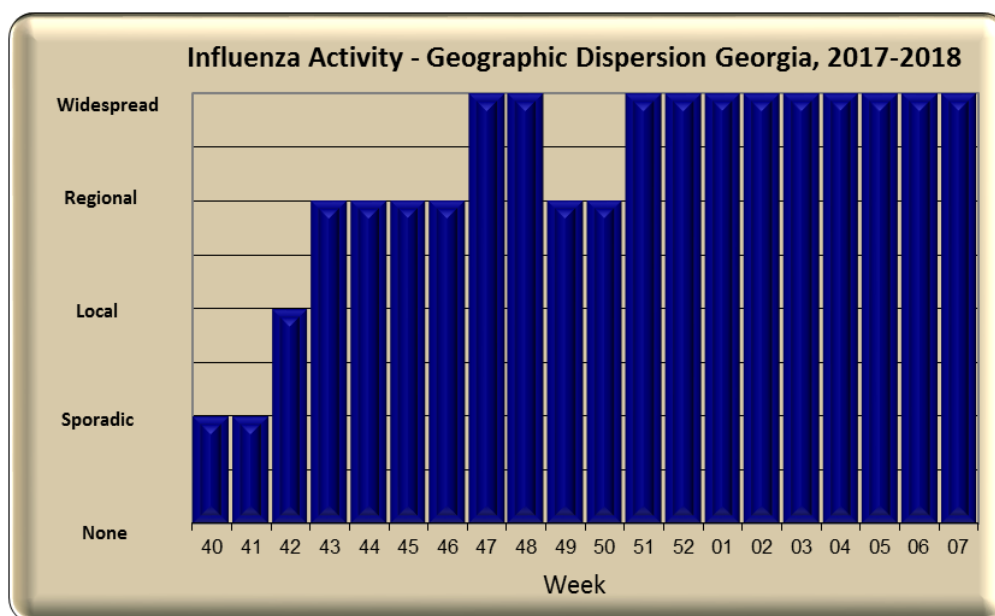
# Georgia ILI Intensity Indicator

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

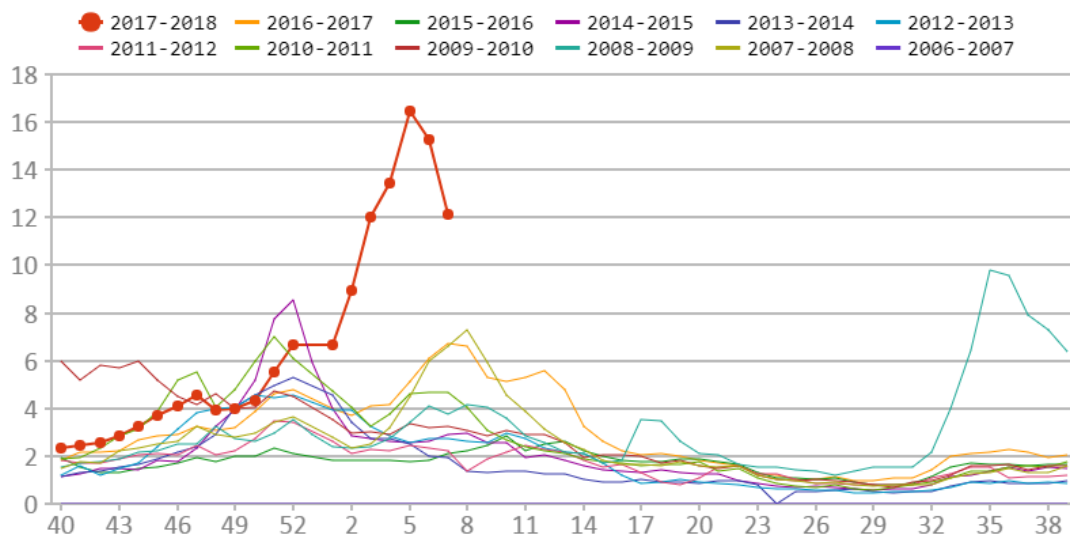
Council of State and Territorial Epidemiologists  
Report – Geographic Dispersion

(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)

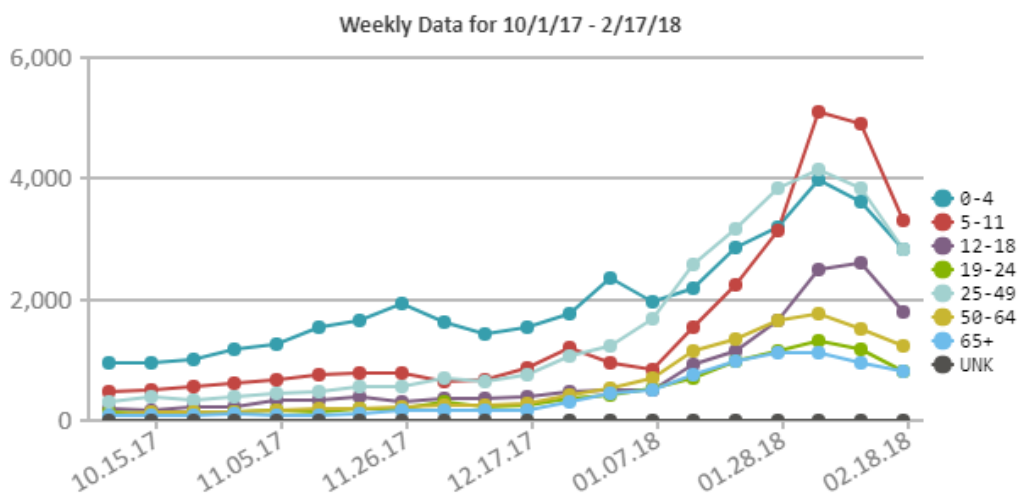
## Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



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)

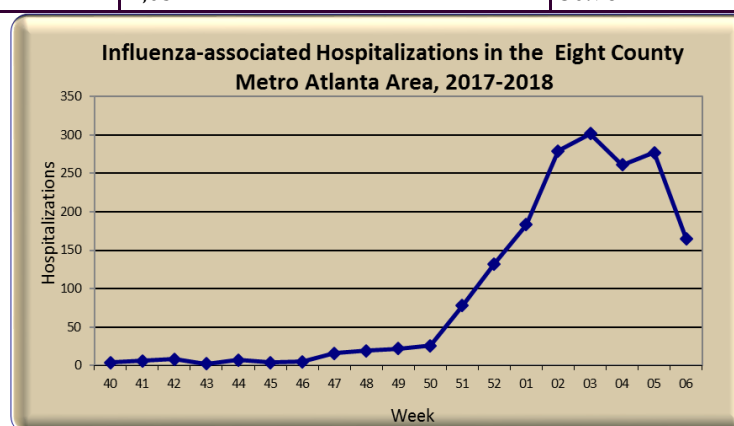


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**Influenza Hospitaliza-  
tions in the eight county  
metro Atlanta area 2017-  
2018** (Emerging Infections  
Program data)

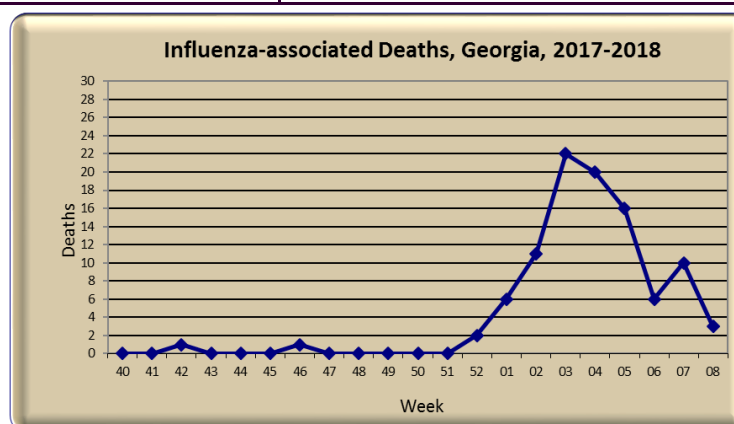
## **\*\*Georgia Influenza-Associated Hospitalizations**

<b>Age Group</b>	<b>Number of Hospitalizations (8- County Metro-Area Only)</b>	<b>Cases/100,000</b>
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
<b>Total</b>	<b>2,034</b>	<b>50.96</b>



## **Georgia Influenza-Associated Deaths**

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

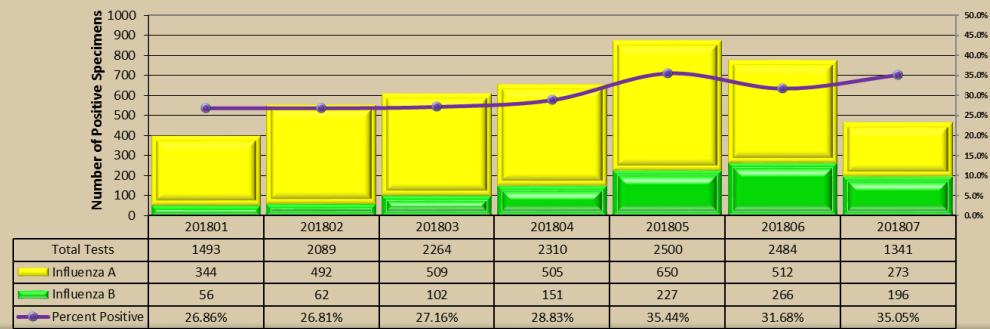


**Influenza-Associated  
Deaths 2017-2018  
Statewide** (Influenza-  
associated deaths are a notifi-  
able condition in Georgia)

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### Georgia Virologic Surveillance Data

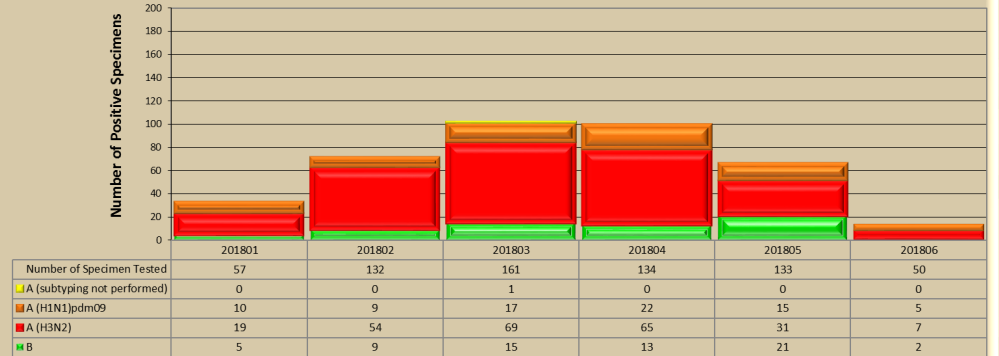
Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 01-07



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

Influenza Positive Tests from Public Health Laboratories, Georgia, 2017-2018, Week 01-06



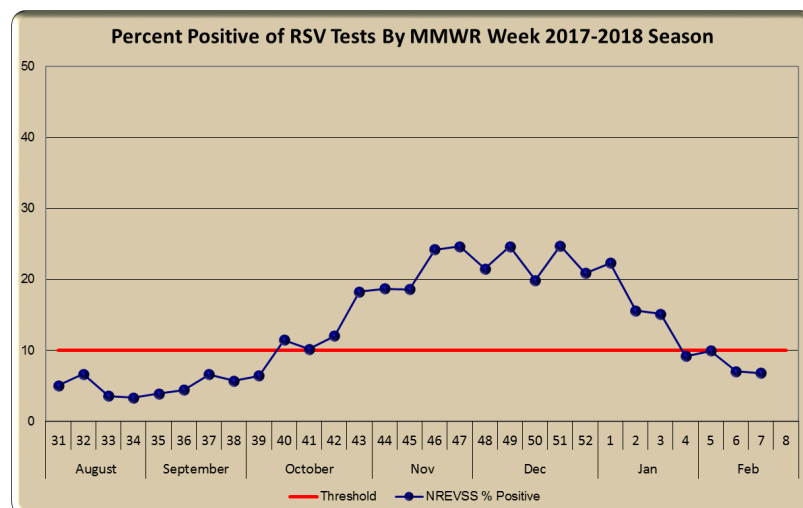
Public Health Laboratories tested 50 specimens for influenza during **week 06**, 14 specimens were positive for influenza (influenza A(H3N2), influenza A(H1N1), and influenza B).

### 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.