

# Georgia Weekly Influenza Report

MMWR Week 06

Updated 2/16/2018

## Week 06 (February 4 — February 10, 2018) Synopsis

During week 06 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **15.2%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 06.
- **Metro Area Hospitalizations:** There were 165 hospitalizations due to influenza infection during week 06. There have been 1,801 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 06, there have been 79 confirmed influenza-associated deaths (3 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the **2,240** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 06, 787 (**35.1%**) were positive for influenza. Public Health Laboratories tested 50 specimens during week 06, 14 specimens were positive for influenza.
- **Reported Influenza Outbreaks:** There have been **131** influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **585** 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 06, the percent positive of **ALL** laboratory tests was **7.35%**.

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## Flu News

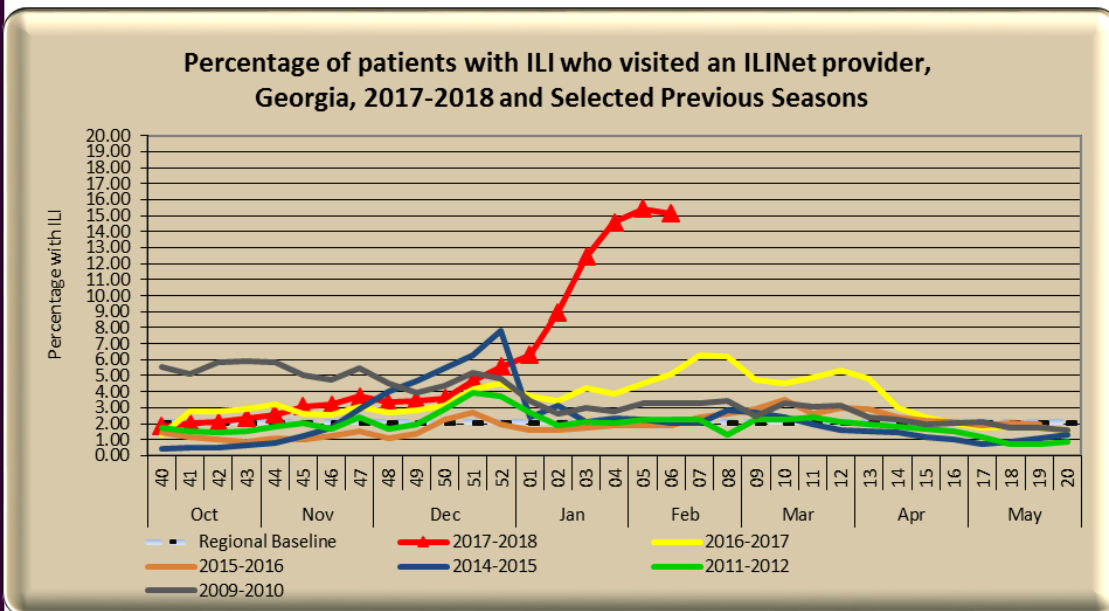
[Health Map Vaccine Finder](#)

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

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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**



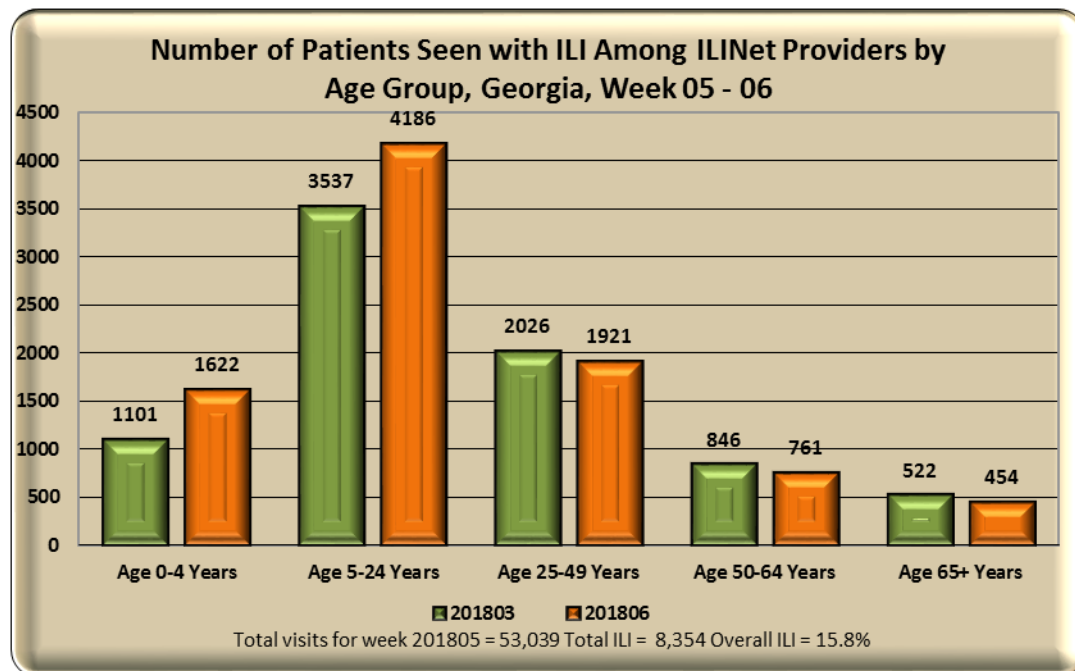
This Week: **15.2%** of patients seen in ILINet Provider offices were seen with ILI.

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

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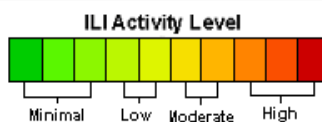
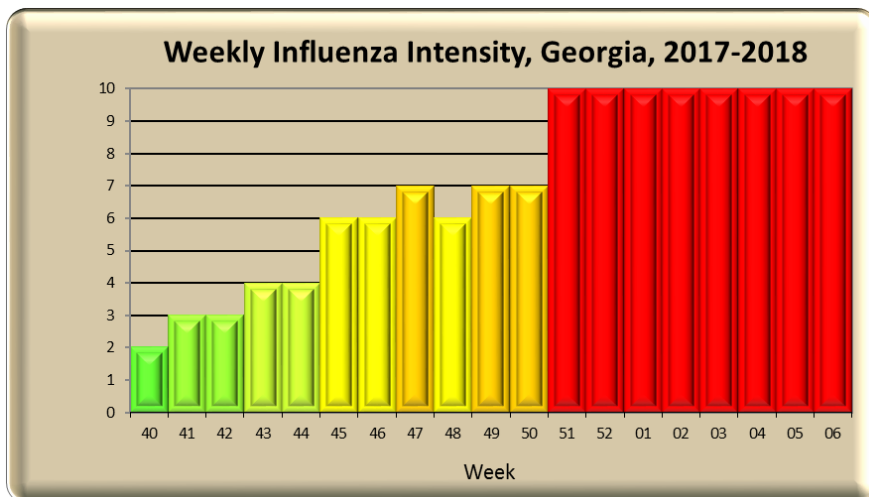
**ILI Activity Level Indicator - ILINet**

(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/>)

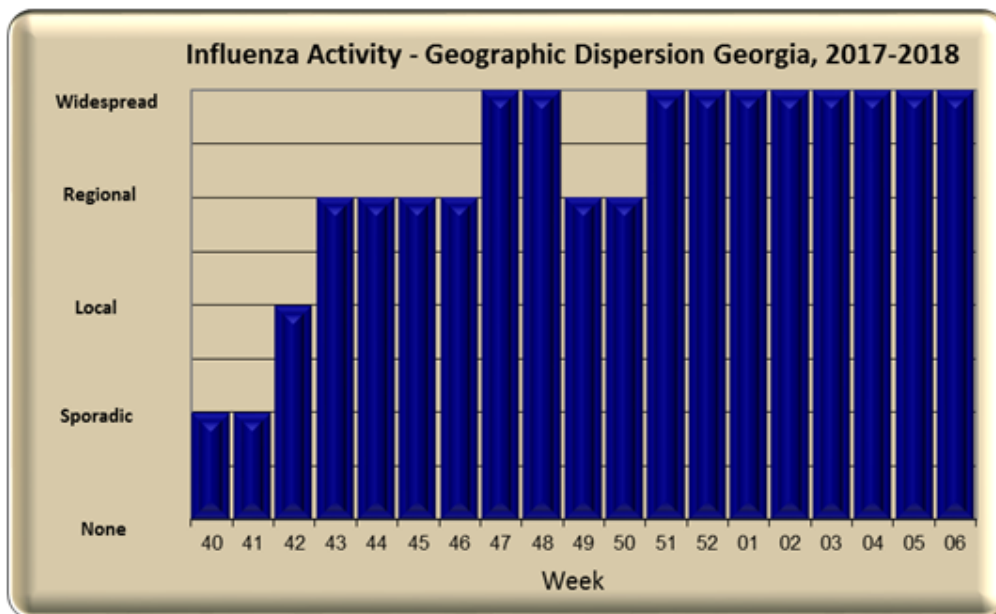
**Georgia ILI Intensity Indicator**

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

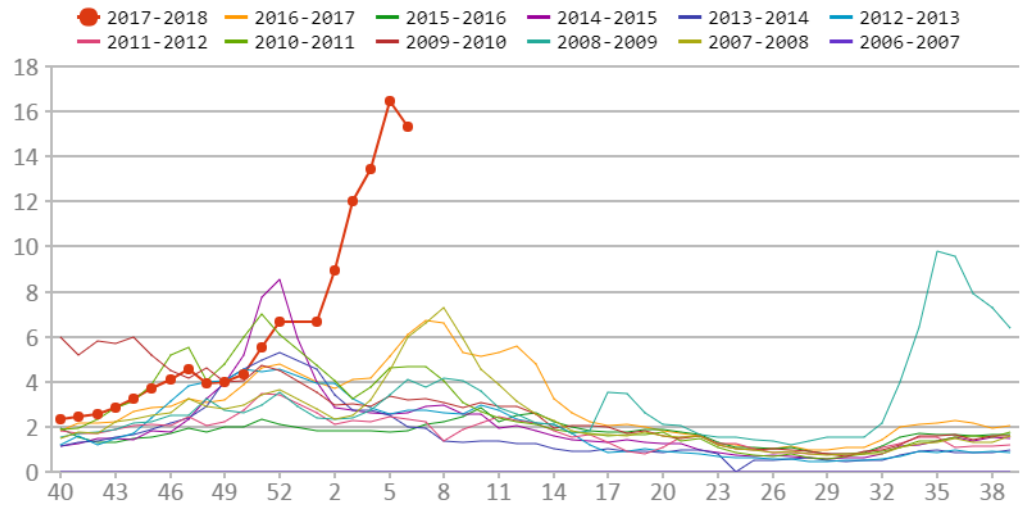
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

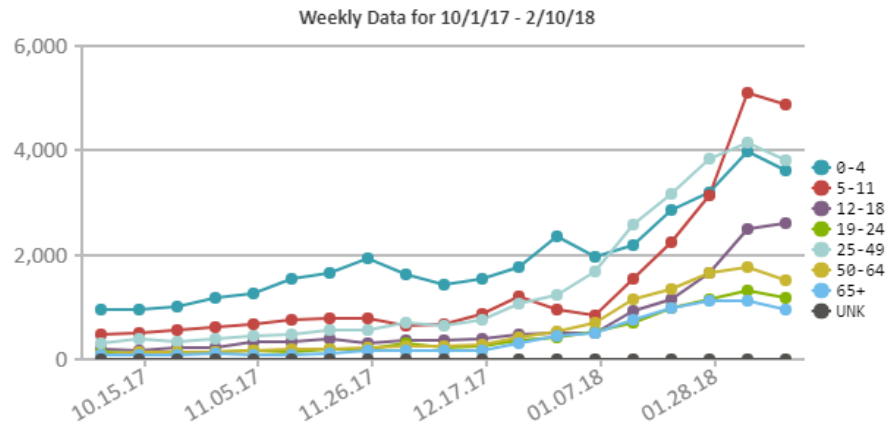
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 06** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 15.3%, increased compared to the previous week (from 16.4% during week 05).

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

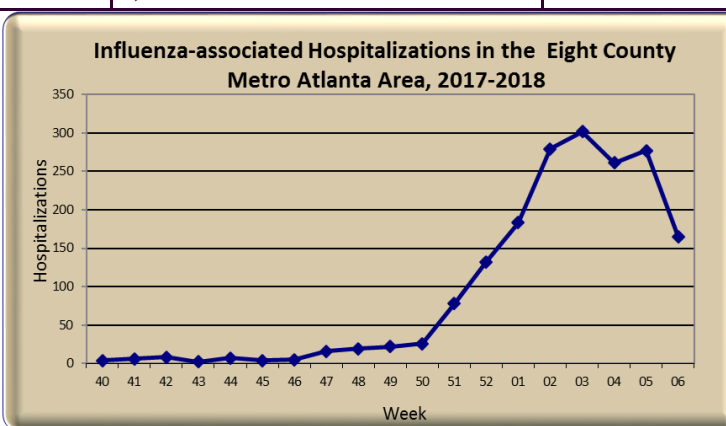
Number of Patient Visits with ILI Syndrome by Age Group



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

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Cases/100,000
0 - 4	160	59.52
5 -17	123	16.81
18 - 49	364	19.69
50 - 64	362	49.55
65+	792	192.50
Unknown	0	N/A
Total	1,801	45.12

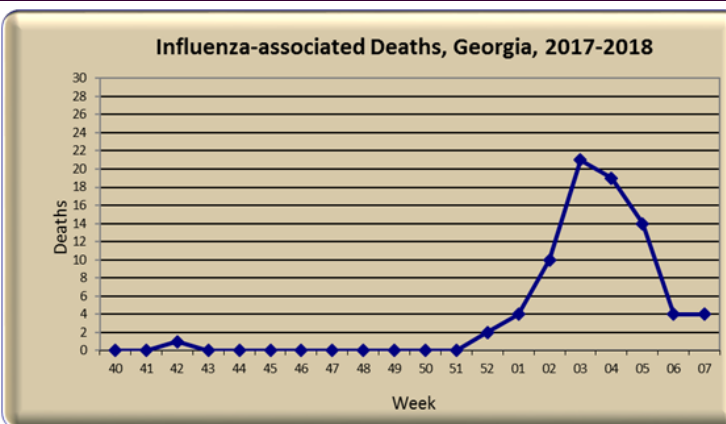
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

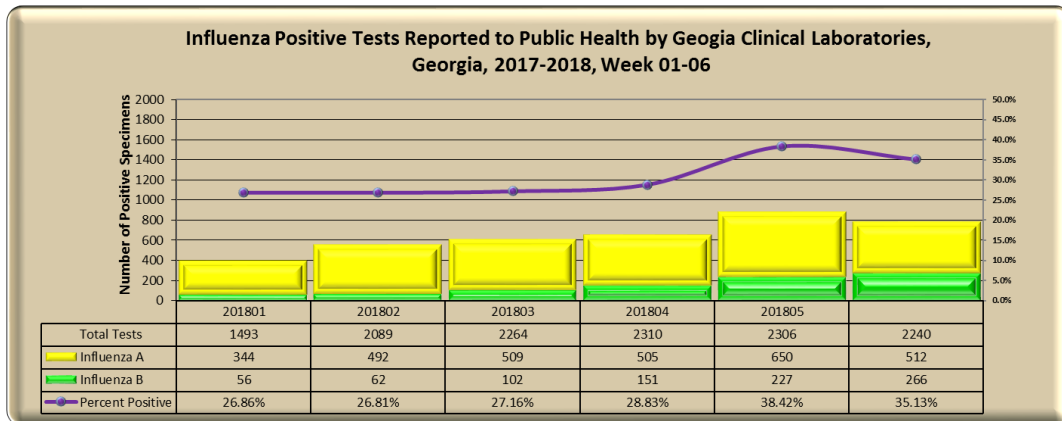
Age Group	Number of Deaths
0 - 4	0
5 -17	3
18 - 51	7
51 - 64	10
65+	59
Total	79

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



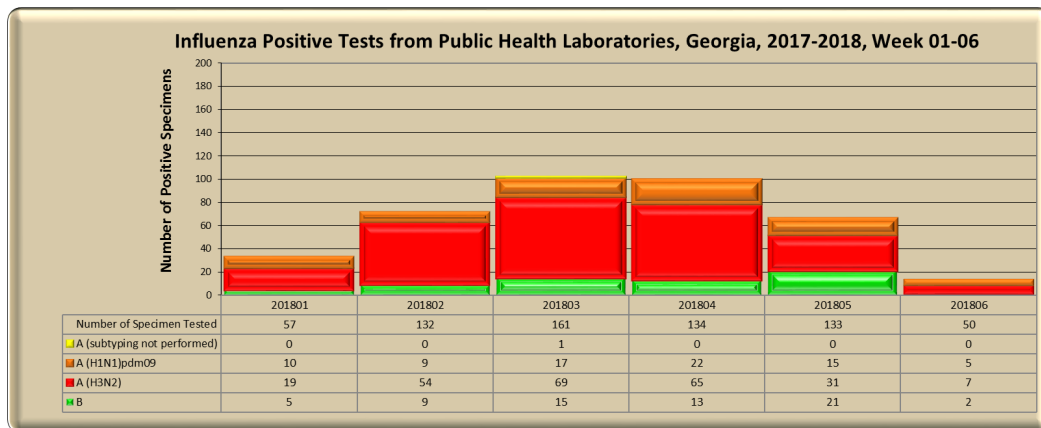
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**Georgia Virologic Surveillance Data**



During **week 06** Georgia clinical laboratories reporting to NREVSS tested 2,240 specimens for influenza, 787 (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**

