

# Georgia Weekly Influenza Report

MMWR Week 03

Updated 1/26/2018

## Week 03 (January 14 — January 20, 2018) Synopsis

During week 03 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **12.4%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 03.
- **Metro Area Hospitalizations:** There were 115 hospitalizations due to influenza infection during week 03. There have been 671 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 03, there have been 25 confirmed influenza-associated deaths for the 2017-2018 season.
- **Viral Surveillance:** Of the **1,408** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 03, and **501 (35.6%)** were positive for influenza. Public Health Laboratories tested 10 specimens during week 03, 2 specimens were positive for influenza.
- **Reported Influenza Outbreaks:** There have been **55** influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **402** 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 03, the percent positive of **ALL** laboratory tests was **14.7%**.

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## Flu News

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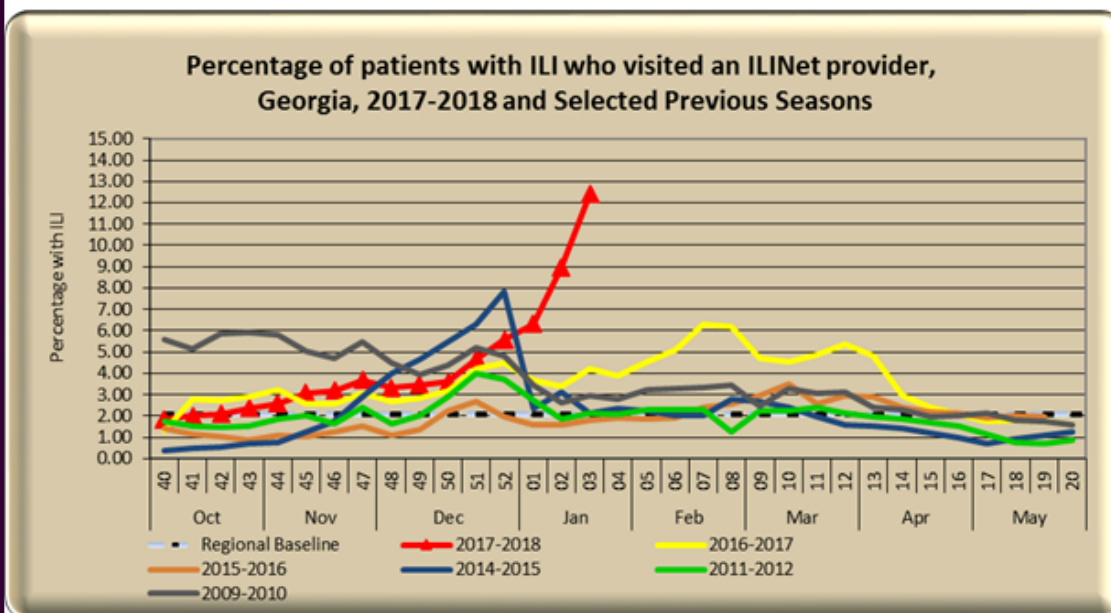
[Health Map Vaccine Finder](#)

[Study bolsters link between flu and heart attack](#)

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

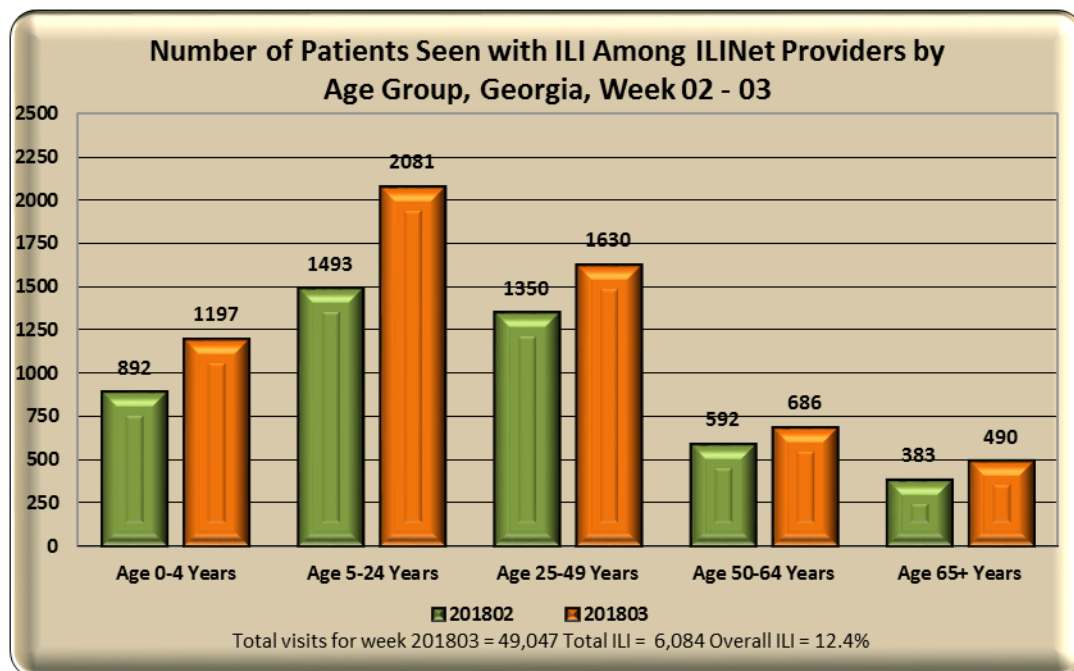
ILINet Provider Network Data



This Week: **12.4%** 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 03** those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

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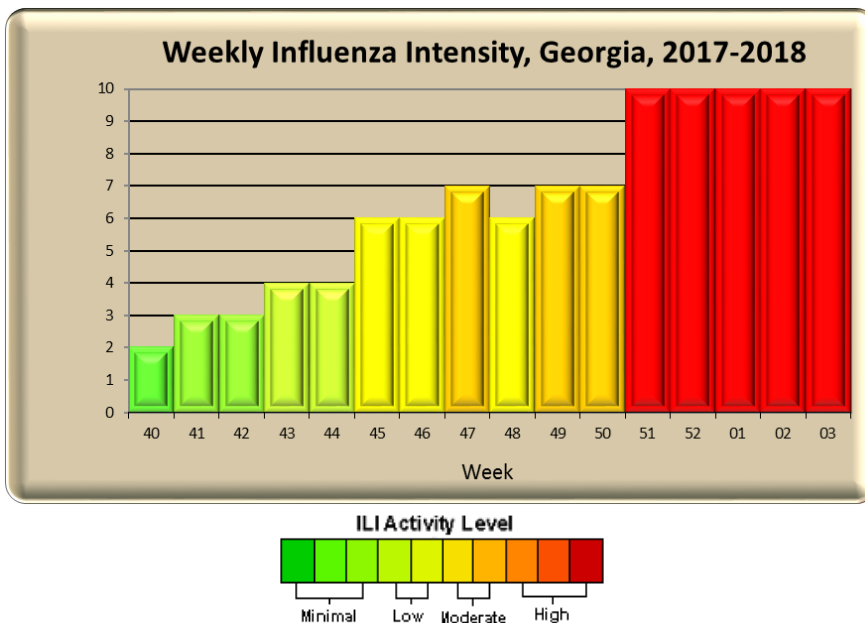
**ILI Activity Level Indicator - ILINet**

(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/>)

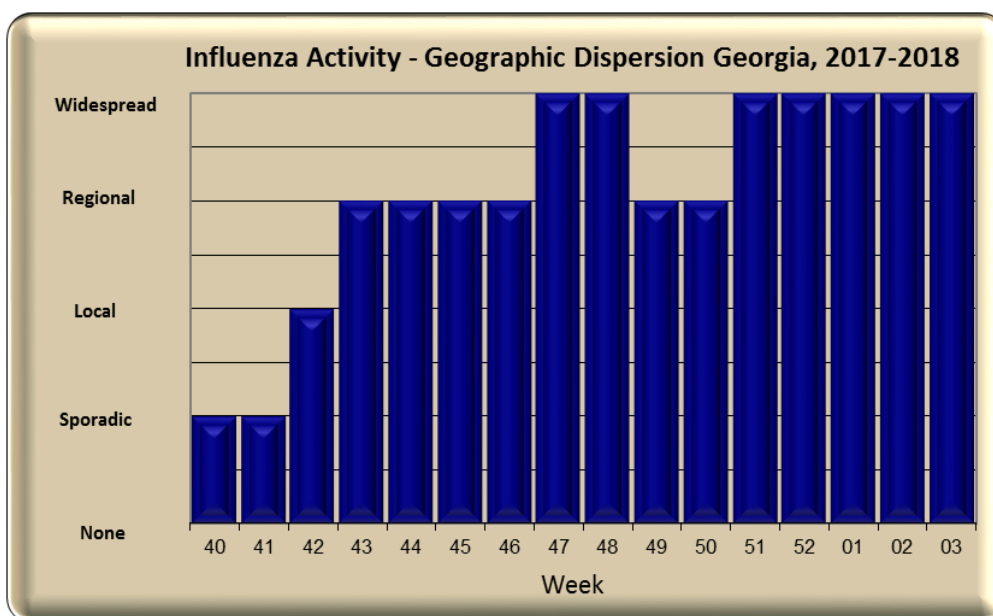
**Georgia ILI Intensity Indicator**

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

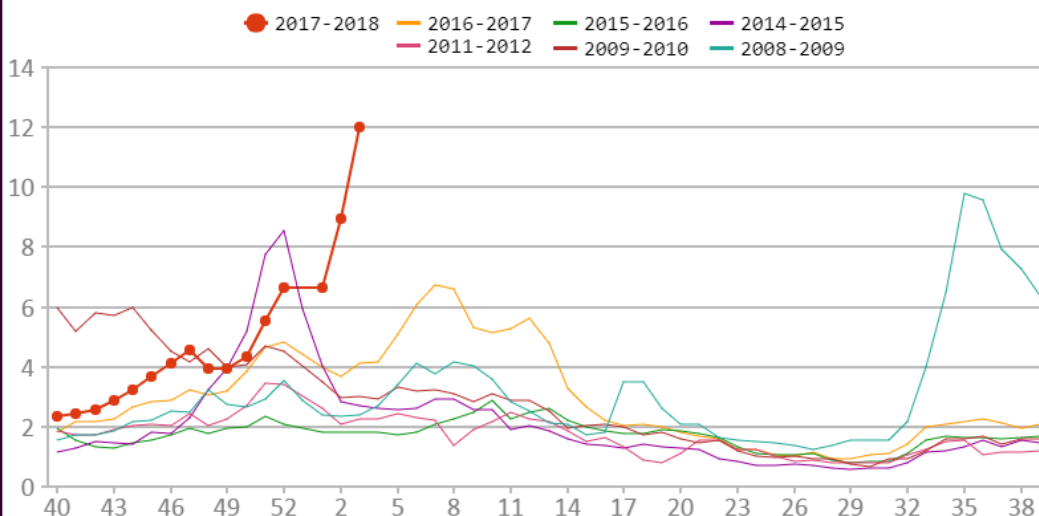
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

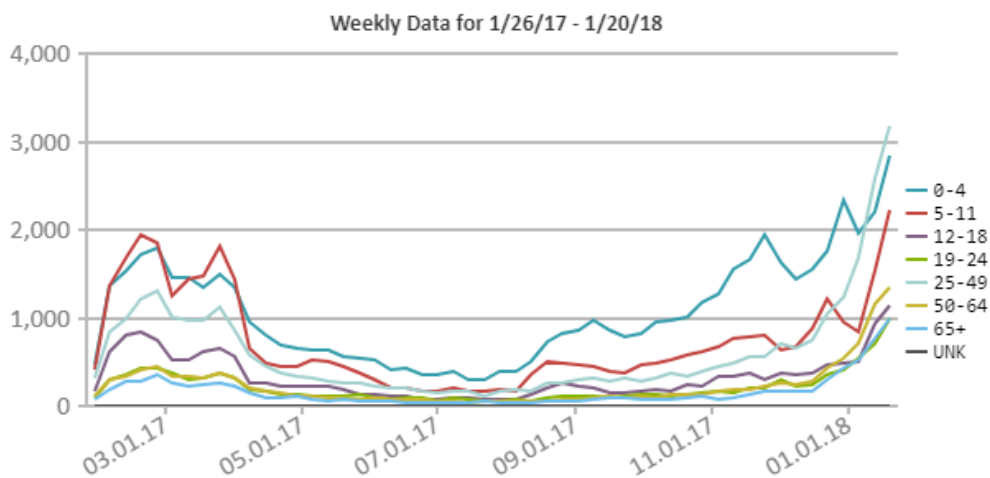
### Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 03** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 12%, relatively the same compared to the previous week (from 9% during week 02).

### Number of Patient Visits with ILI Syndrome by Age Group

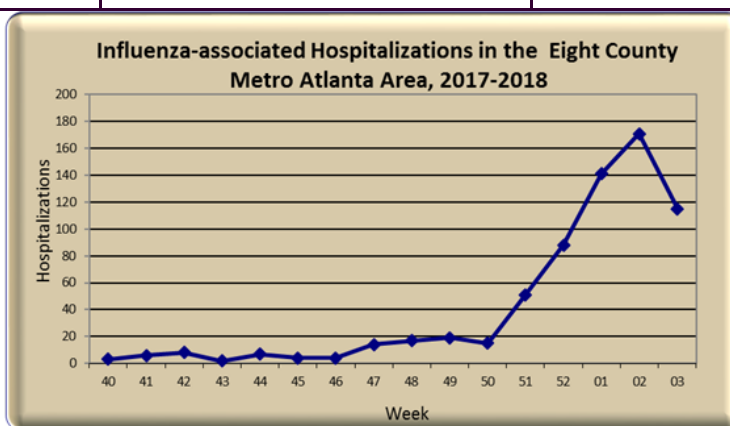
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(Number of ILI visits by Age  
Group)



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Cases/100,000
0 - 4	68	25.29
5 -17	45	6.15
18 - 49	154	8.33
50 - 64	130	17.79
65+	274	66.60
Unknown	0	N/A
Total	671	16.81

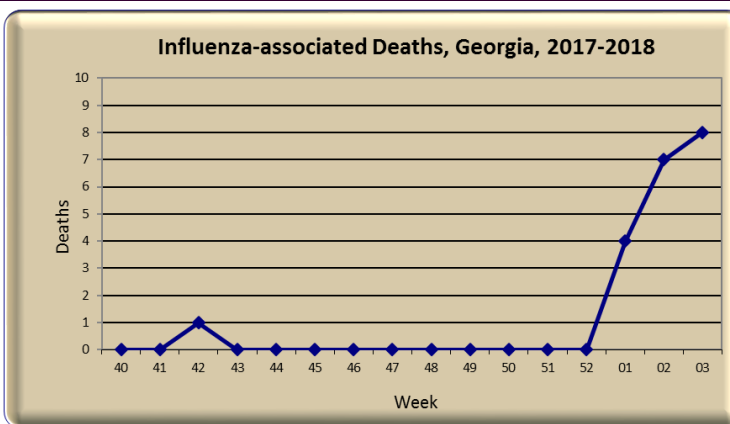
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	5
65+	20
Total	25

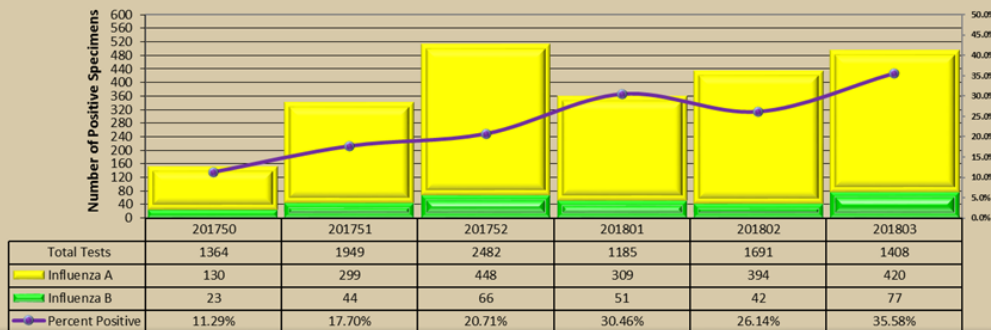
Influenza-Associated Deaths 2017-2018 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)



### Georgia Virologic Surveillance Data

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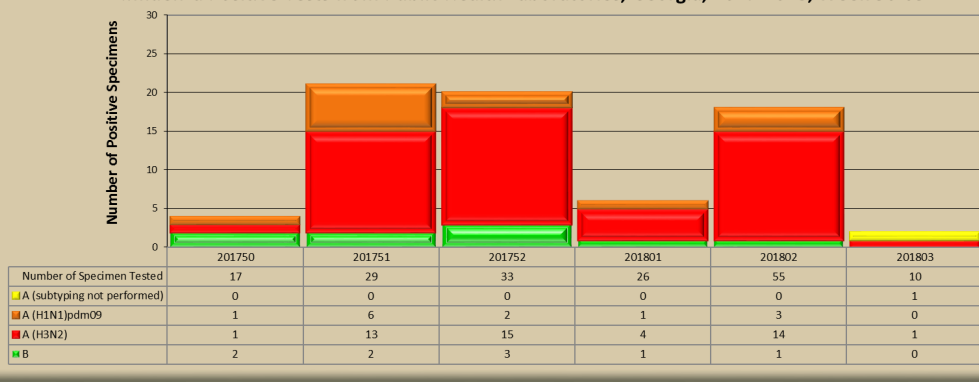
Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 50-03



During **week 03** Georgia clinical laboratories reporting to NREVSS tested 1,408 specimens for influenza, 501 (35.6%) 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 50-03



Public Health Laboratories tested 10 specimens for influenza during **week 03**, 2 specimens were positive for influenza (influenza A(subtyping not performed) and influenza A(H3N2)).

### Georgia threshold of RSV season onset 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

