

# Georgia Weekly Influenza Report

MMWR Week 02

Updated 1/19/2018

## Week 02 (January 7 — January 13, 2018) Synopsis

During week 02 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **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 02.
- **Metro Area Hospitalizations:** There were 40 hospitalizations due to influenza infection during week 02. There have been 404 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of 1/19/2018, there have been 12 confirmed influenza-associated deaths for the 2017-2018 season.
- **Viral Surveillance:** Of the **1,690** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 02, and **442 (26.2%)** were positive for influenza. Public Health Laboratories tested 1 specimen during week 02, 0 specimens was positive for influenza.
- **Reported Influenza Outbreaks:** There have been 27 influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **464** 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 02, the percent positive of **ALL** laboratory tests was **16.3%**.

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## Flu News

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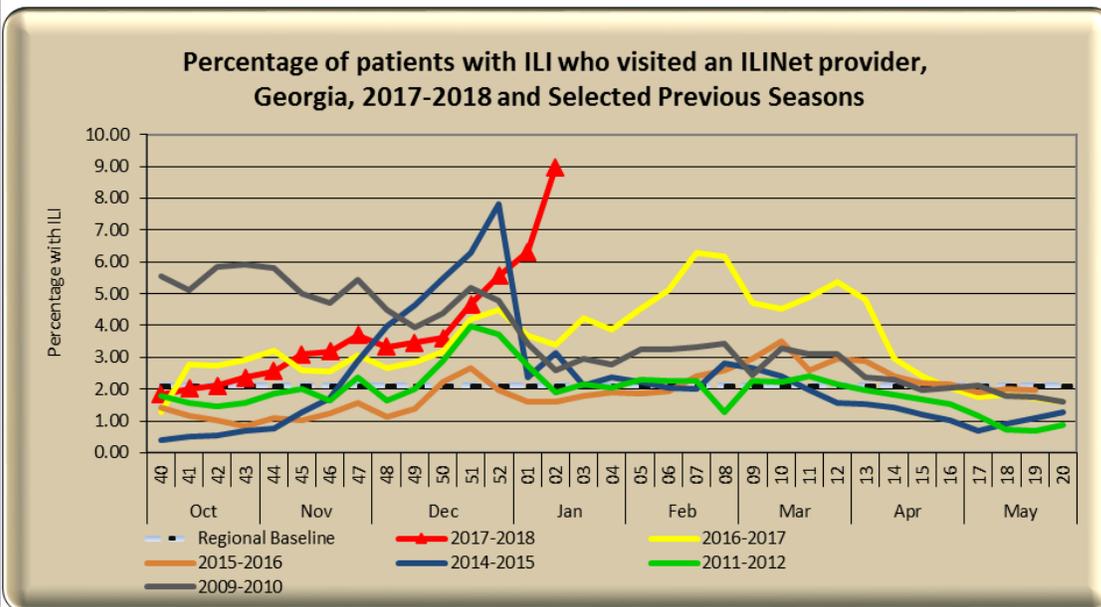
### [Health Map Vaccine Finder](#)

### [Flu activity still rising, but CDC warns many weeks of activity ahead](#)

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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**



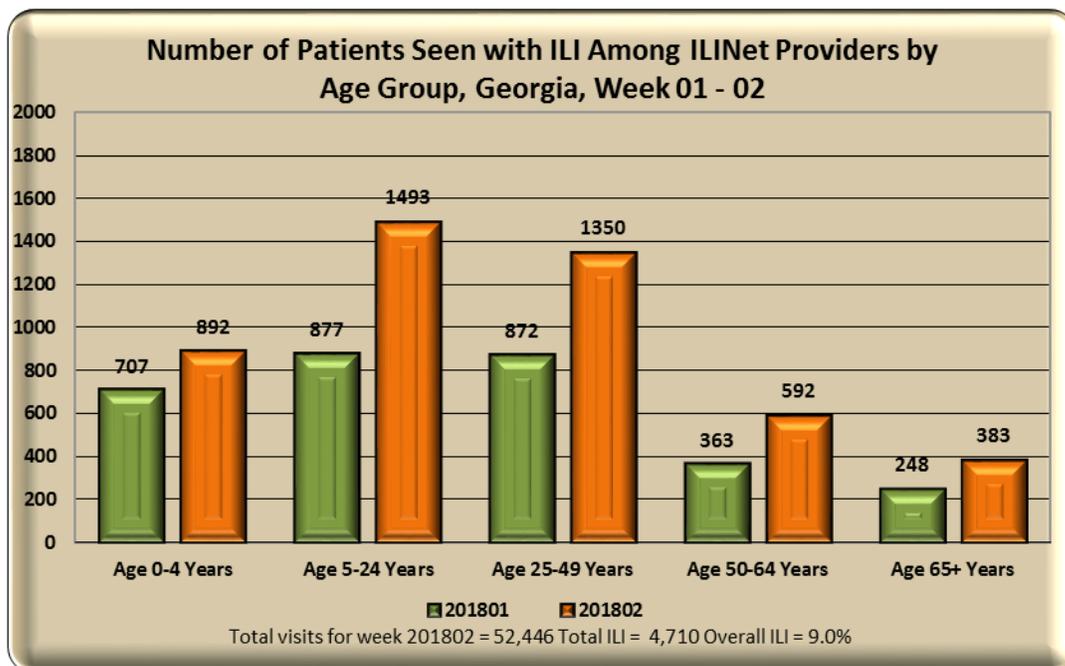
This Week: **9.0%** of patients seen in ILINet Provider offices were seen with ILI.

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**

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.

**ILINet Patient Visits By Age Group**



During **week 02** those 5 – 49years of age were most often seen with ILI symptoms by ILINet providers.

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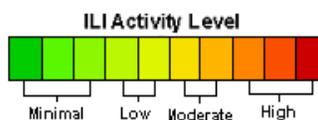
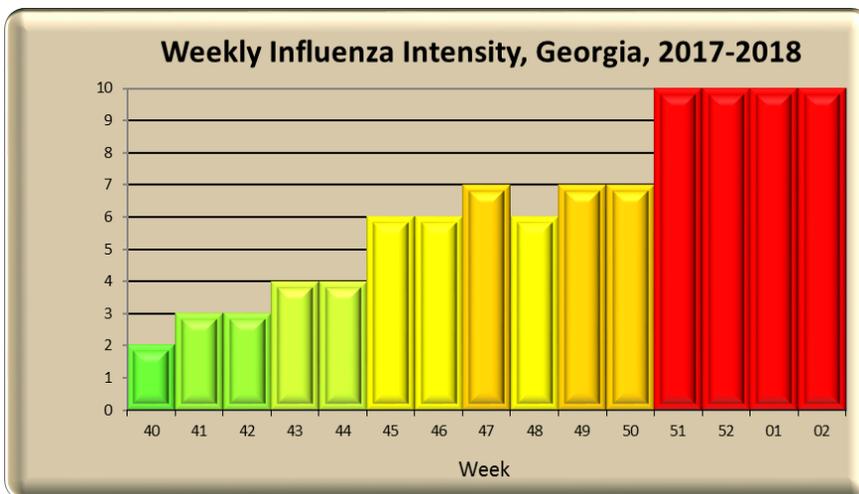
**ILI Activity Level Indicator - ILINet**

(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/>)

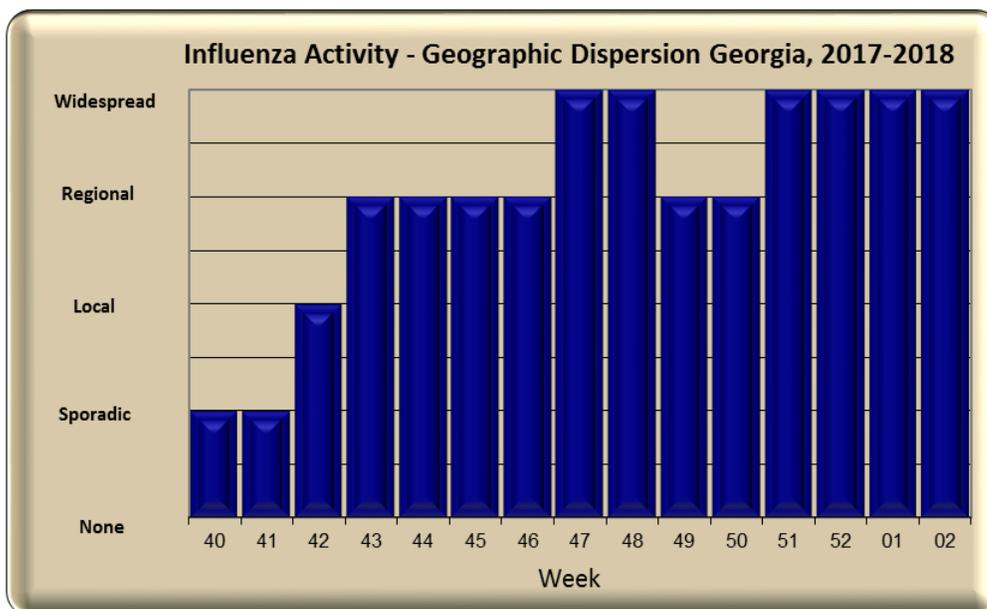
**Georgia ILI Intensity Indicator**

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

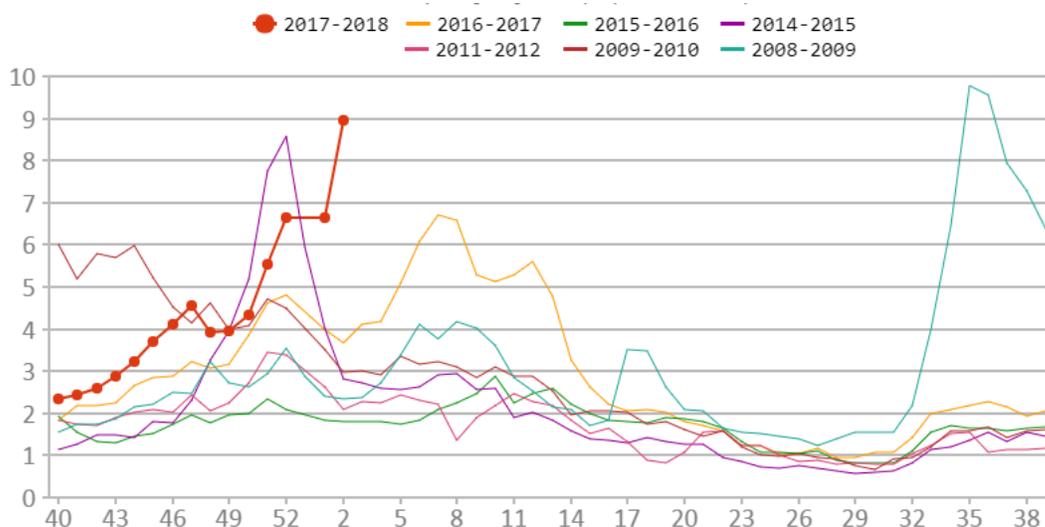
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

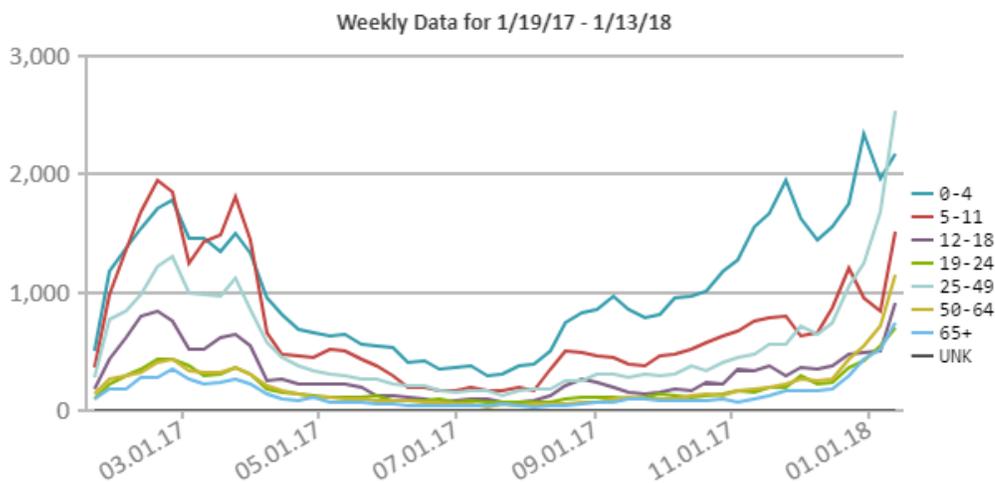
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 02** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 9%, relatively the same compared to the previous week (from 6.7% during week 01).

Number of Patient Visits with ILI Syndrome by Age Group

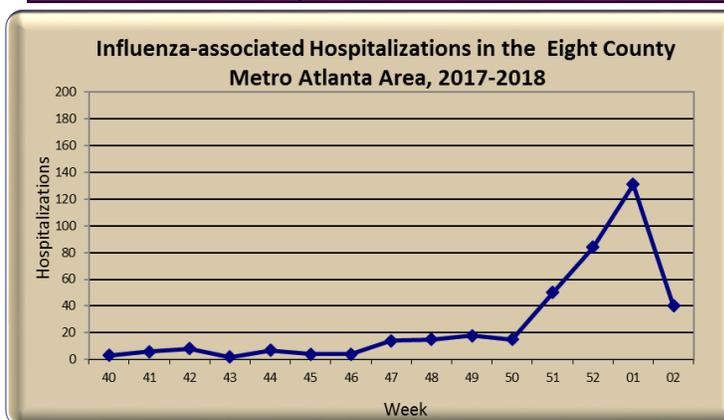
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(Number of ILI visits by Age  
Group)



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	43
5 -17	31
18 - 49	93
50 - 64	77
65+	160
Unknown	0
<b>Total</b>	<b>404</b>

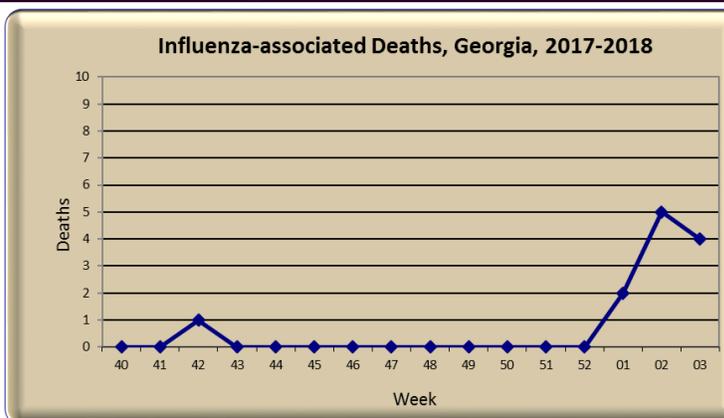
**Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	3
65+	9
<b>Total</b>	<b>12</b>

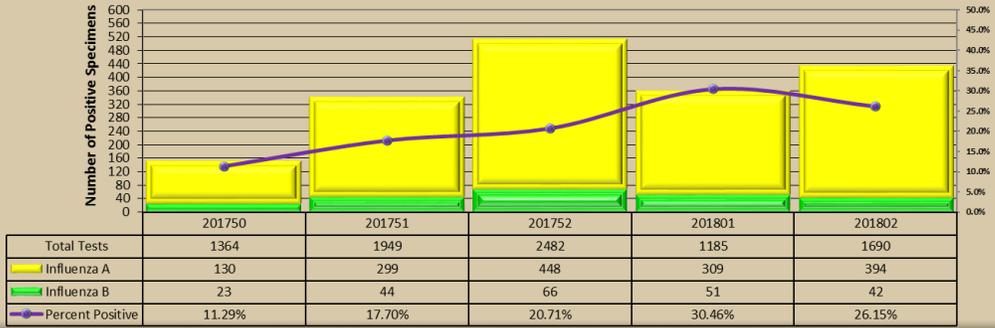
**Influenza-Associated Deaths 2017-2018 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



### Georgia Virologic Surveillance Data

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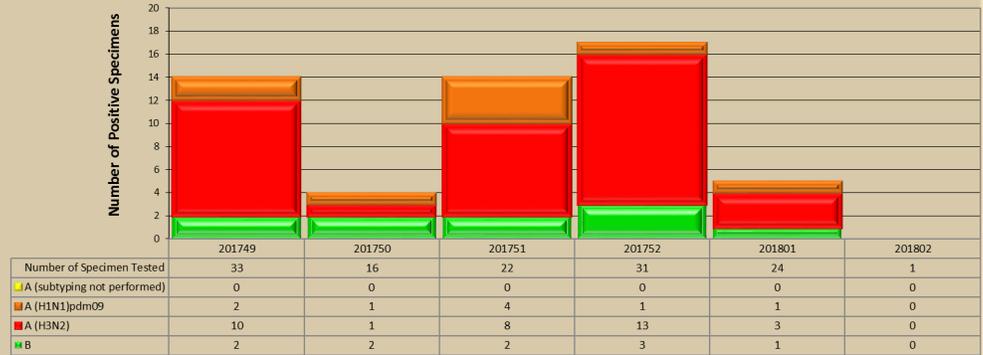
**Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 49-02**



During **week 02** Georgia clinical laboratories reporting to NREVSS tested 1,690 specimens for influenza, 442 (26.2%) 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 49-02**



Public Health Laboratories tested 1 specimen for influenza during **week 02**, no influenza was identified.

**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

**Percent Positive of RSV Tests By MMWR Week 2017-2018 Season**

