

# Georgia Weekly Influenza Report

MMWR Week 52

Updated 1/5/2018

## Week 52 (December 24 — December 30, 2017) Synopsis

During week 52 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **5.6%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 52.
- **Metro Area Hospitalizations:** There were 51 hospitalizations due to influenza infection during week 52. There have been 193 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 52. There has been 1 confirmed influenza-associated deaths as of 1/5/2017.
- **Viral Surveillance:** Of the **638** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 52, and **93 (14.6%)** were positive for influenza. Public Health Laboratories tested 5 specimens during week 52, 2 specimens was positive for influenza.
- **Reported Influenza Outbreaks:** There have been 8 influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **220** 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 52, the percent positive of **ALL** laboratory tests was **14.1%**.

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## Flu News

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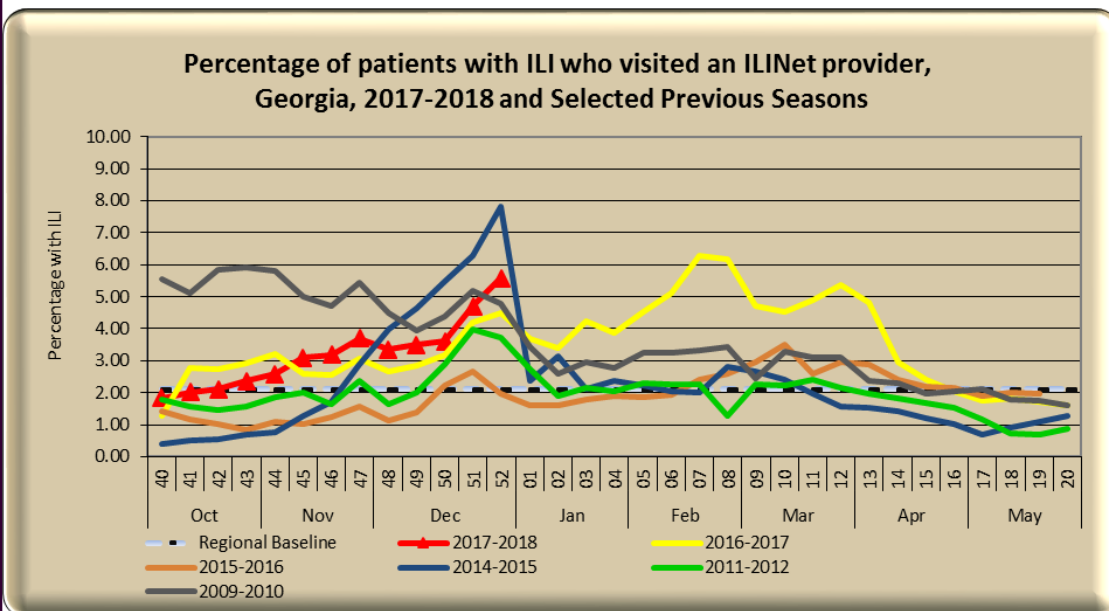
[Health Map Vaccine Finder](#)

[Seasonal Influenza A\(H3N2\) Activity and Antiviral Treatment of Patients with Influenza](#)

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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.)

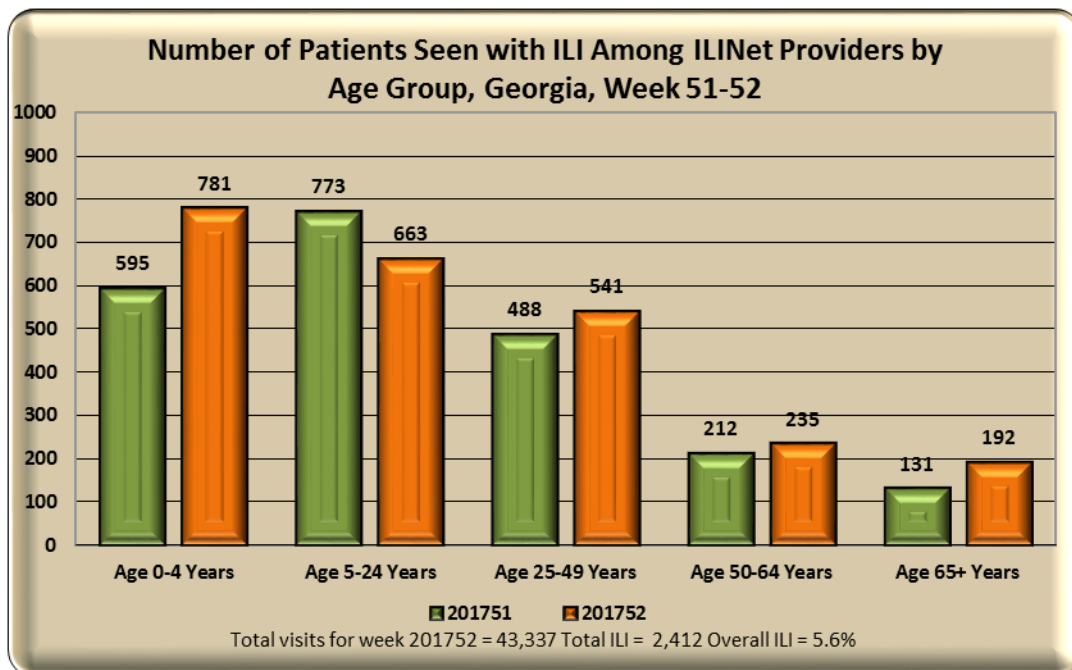
**ILINet Provider Network Data**



This Week: **5.6%** 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 52** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

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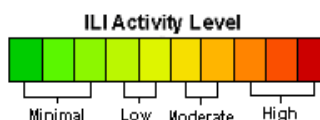
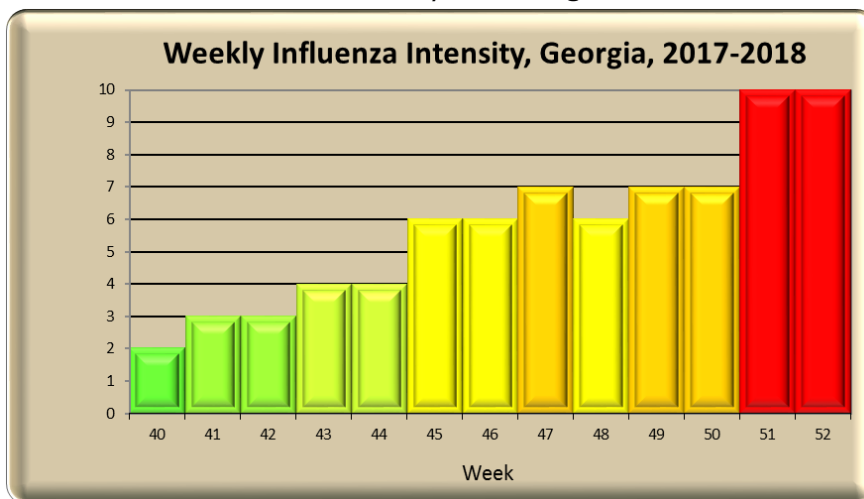
**ILI Activity Level Indicator - ILINet**

(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.

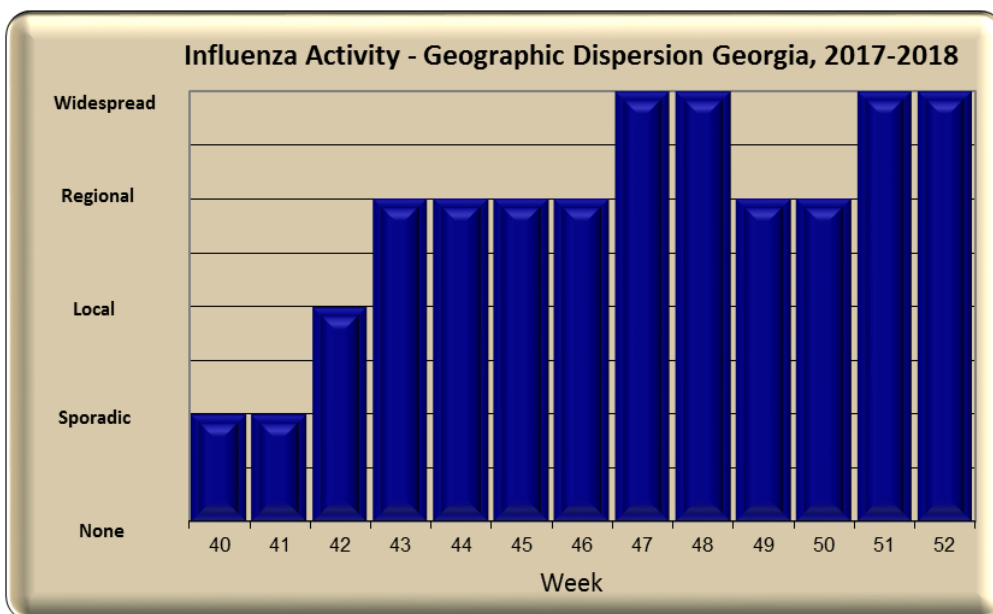
This week the intensity level is: **High = 10**



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

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

**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

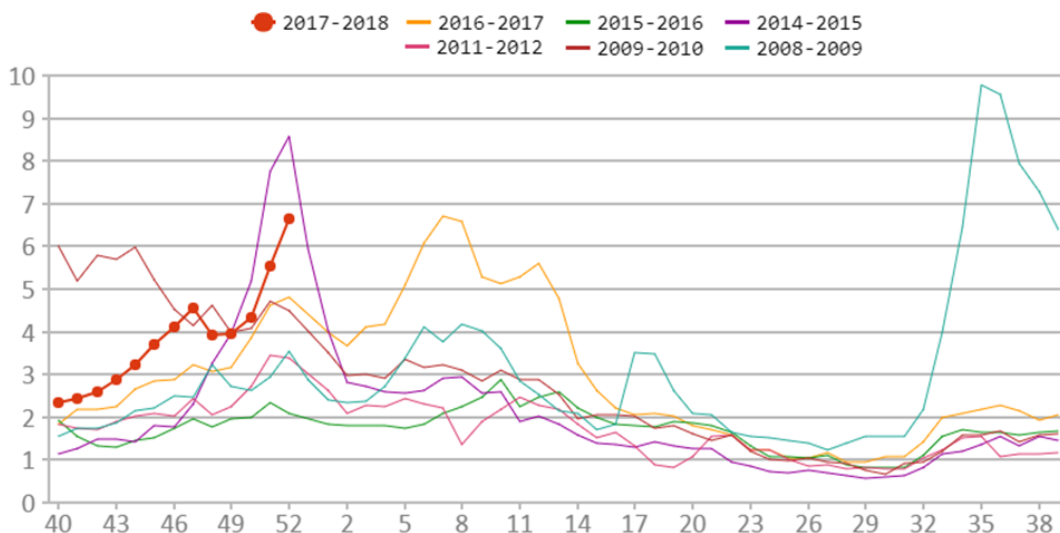
**AND**

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

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

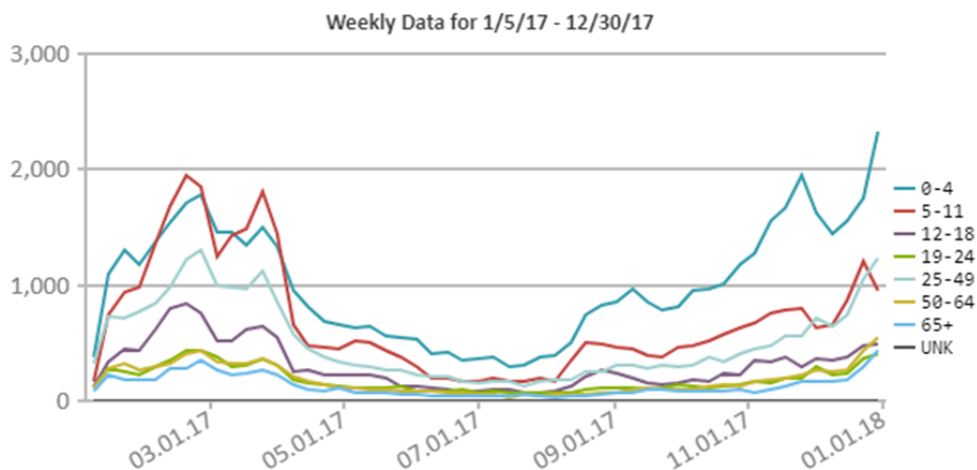
### Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 52** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 6.8%, relatively the same compared to the previous week (from 5.6% during week 51).

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

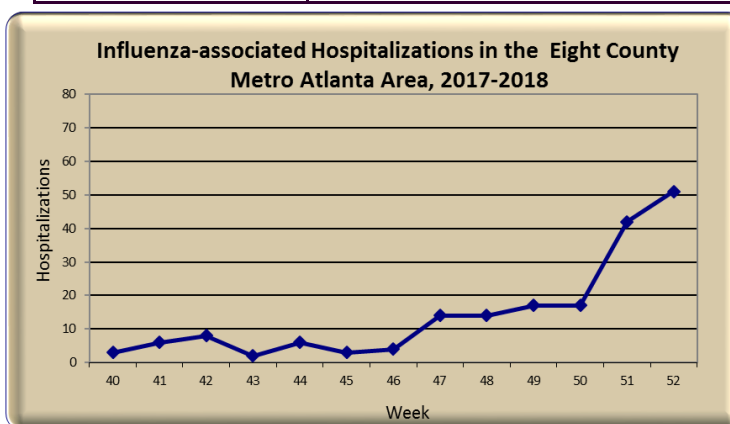
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(Number of ILI visits by Age  
Group)



### Georgia Influenza-Associated Hospitalizations

| Age Group    | Number of Hospitalizations<br>(8- County Metro-Area Only) |
|--------------|---|
| 0 - 4        | 10  |
| 5 -17        | 13  |
| 18 - 49      | 51  |
| 50 - 64      | 42  |
| 65+          | 77  |
| Unknown      | 0   |
| <b>Total</b> | <b>193</b>  |

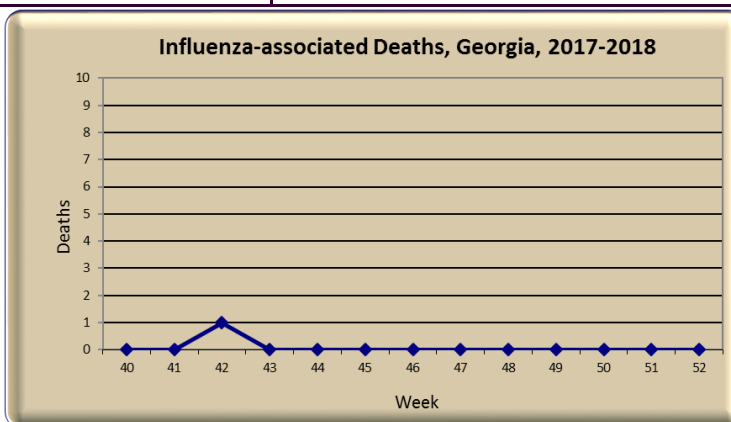
**Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

| Age Group    | Number of Deaths |
|--------------|------------------|
| 0 - 4        | 0                |
| 5 -17        | 0                |
| 18 - 51      | 0                |
| 51 - 64      | 0                |
| 65+          | 1                |
| <b>Total</b> | <b>1</b>         |

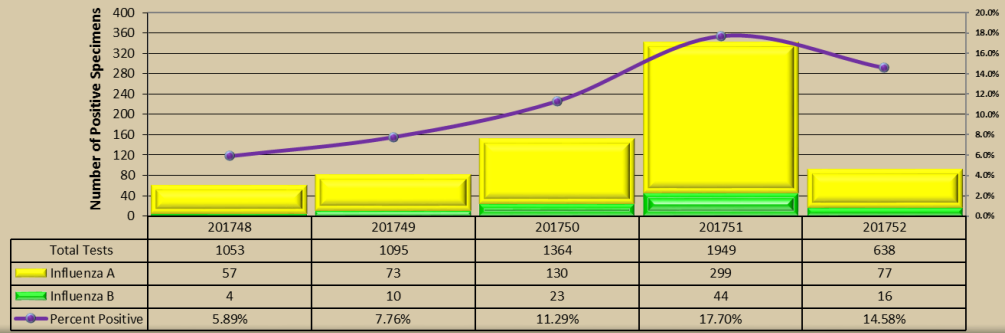
**Influenza-Associated Deaths 2017-2018 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



### Georgia Virologic Surveillance Data

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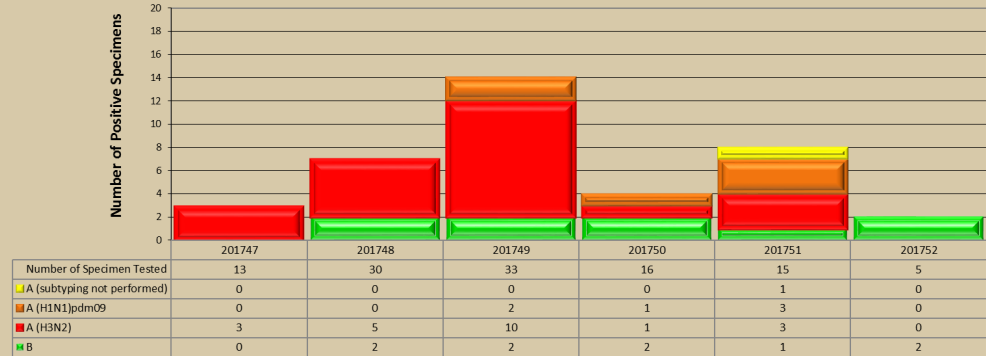
**Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 47-52**



During **week 52** Georgia clinical laboratories reporting to NREVSS tested 638 specimens for influenza, 126 (14.6%) 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 47-52**



Public Health Laboratories tested 5 specimens for influenza during **week 52**. **Influenza B** 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

