

# Georgia Weekly Influenza Report

MMWR Week 42

Updated 10/27/2017

## Week 42 (October 15 — October 21, 2017) Synopsis

**During week 42 there was minimal influenza-like illness activity in Georgia with local occurrences of sustained flu transmission.**

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **2.1%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **LOCAL** during week 42.
- **Metro Area Hospitalizations:** There was 0 hospitalizations due to influenza infection during week 42. There have been 3 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 42. There have been 0 confirmed influenza-associated deaths as of 10/27/2017.
- **Viral Surveillance:** Of the **193** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 42, and **4 (2.07%)** were positive for influenza. Public Health Laboratories tested **9** specimens during week 42, and 1 was positive for influenza.
- **Reported Influenza Outbreaks:** There have been 0 influenza outbreaks reported to DPH between 10/02/2017 and 10/27/2017.
- **RSV Viral Surveillance:** Of the **271** 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 42, the percent positive of **ALL** laboratory tests was **13.7%**.

## Flu News

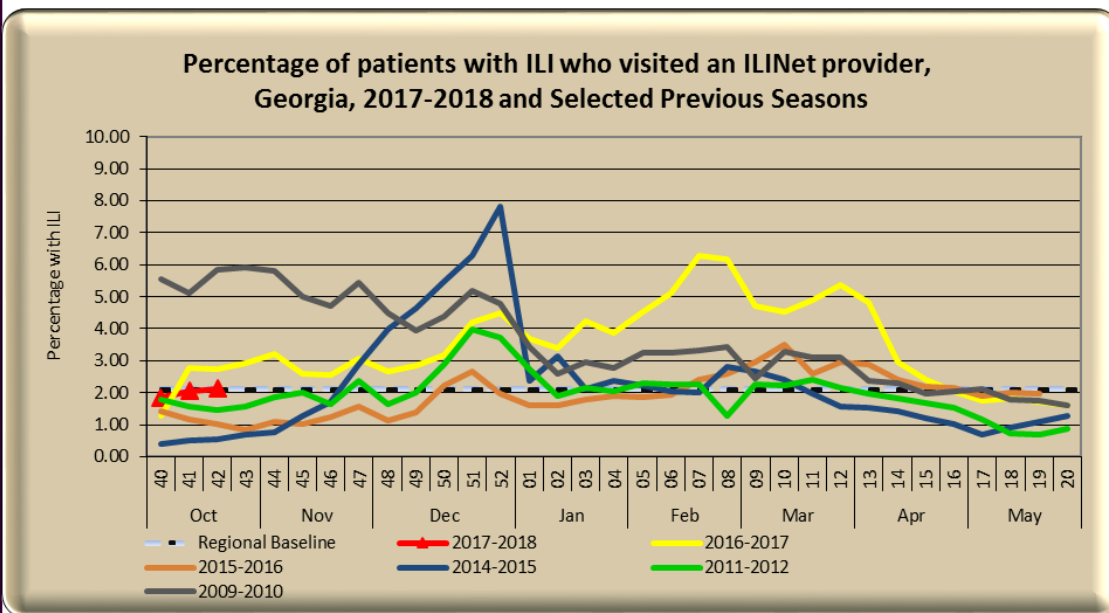
### [Health Map Vaccine Finder](#)

### [Flu Scan: High-risk flu and antivirals, Severe influenza C cases, US H&N9 risk](#)

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

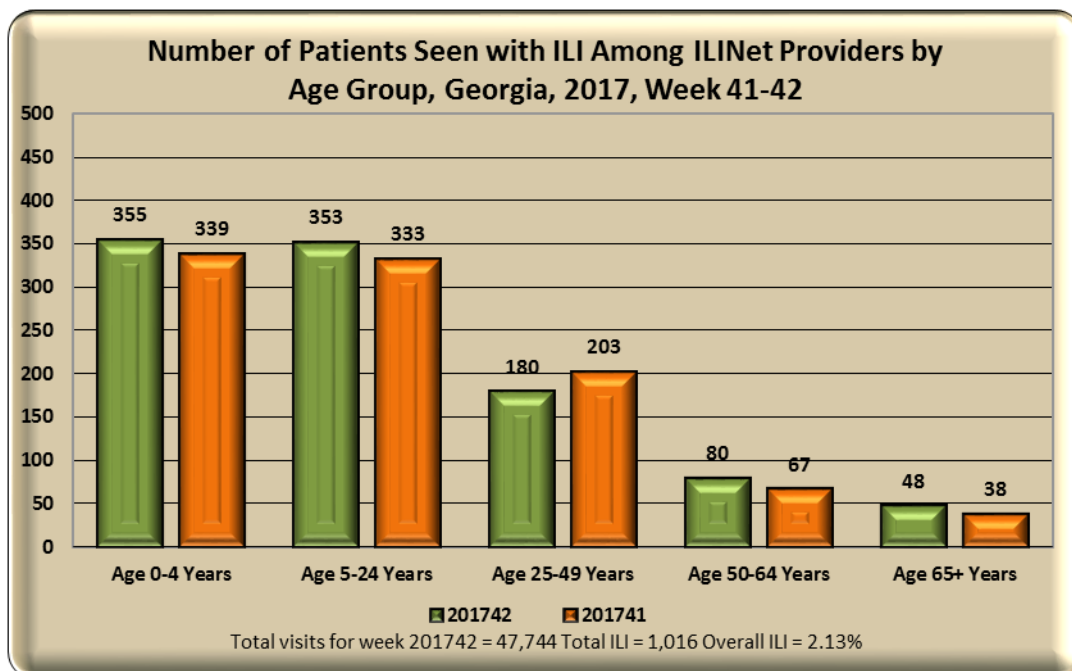
**ILINet Provider Network Data**



This Week: **2.1%** 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 42** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

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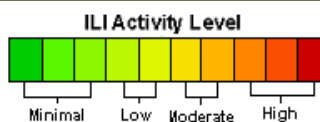
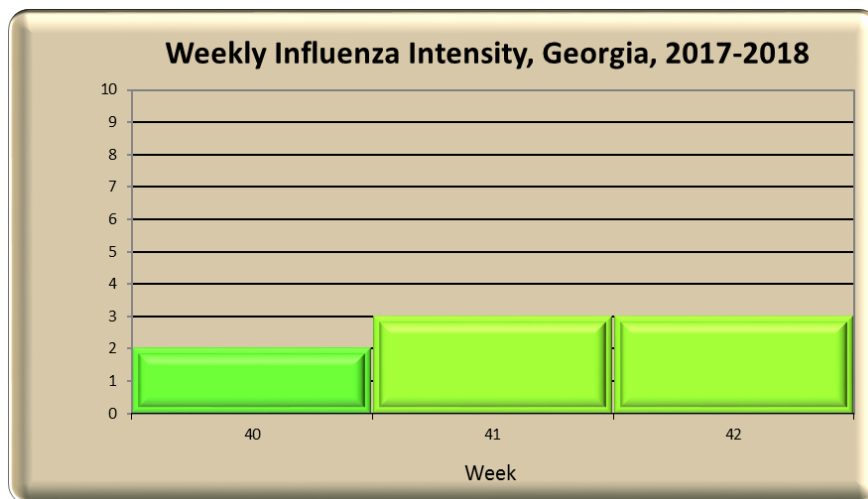
**ILI Activity Level Indicator - ILINet**

(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.

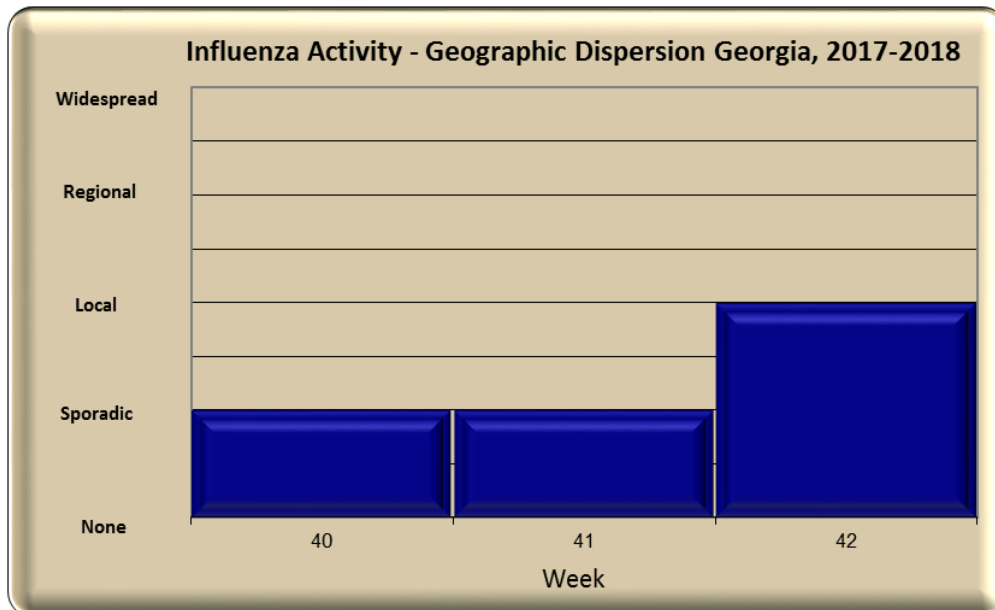
This week the intensity level is: **Minimal = 3**



**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:

**LOCAL**

Increased ILI in 1 region; ILI activity in other regions is not increased

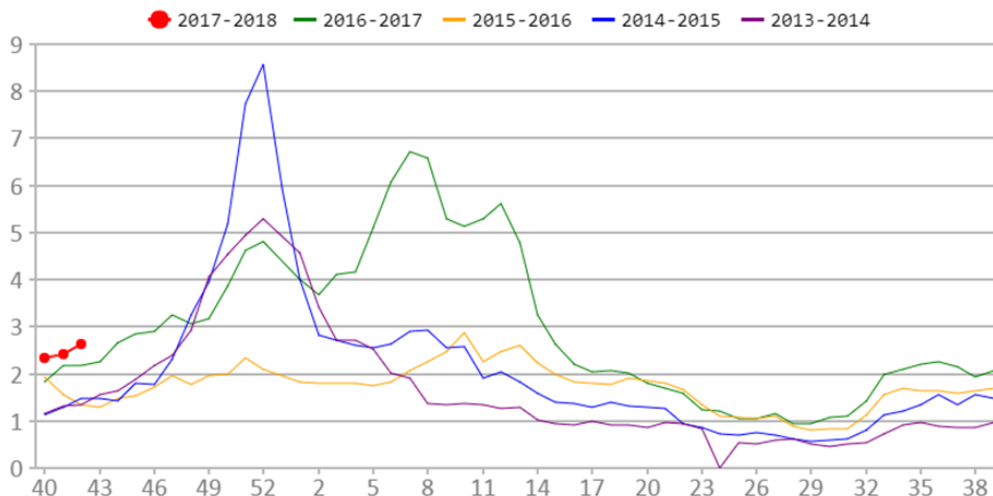
**And** recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI **OR**

2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased **And** recent (within the past 3 weeks) lab evidence of influenza 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)

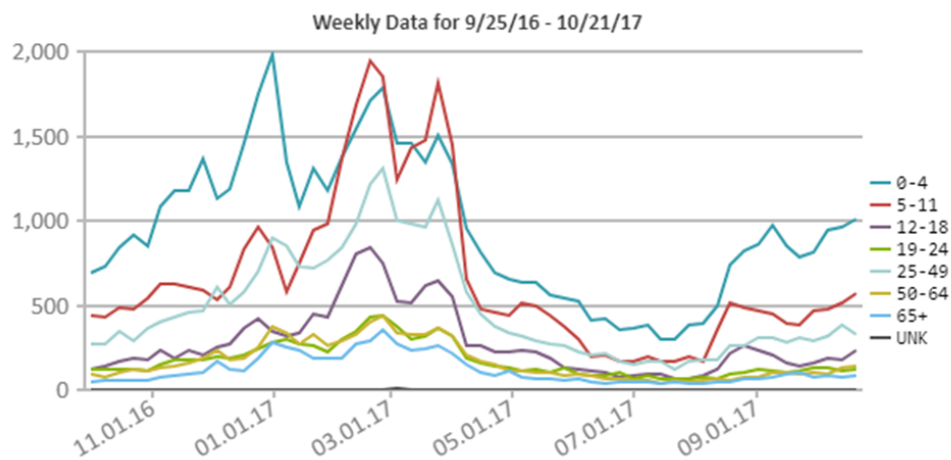
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 42** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system **increased** to 2.62% (from 2.43% during week 41).

Number of Patient Visits with ILI Syndrome by Age Group

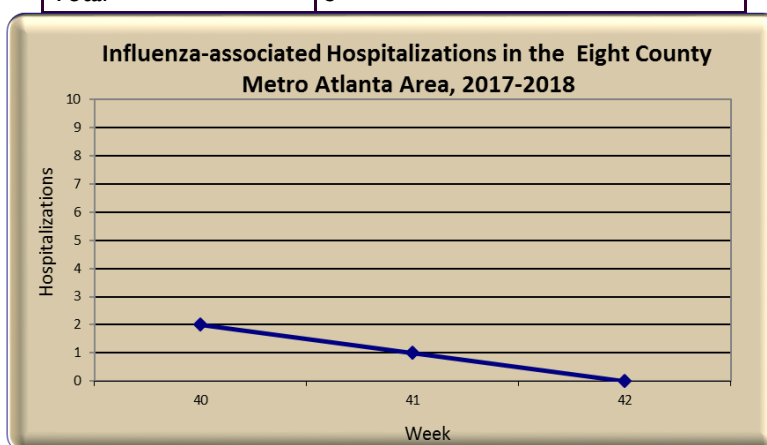
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(percentage of ILI visits by  
Age Group)



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	0
5 -17	0
18 - 49	3
50 - 64	0
65+	0
Unknown	0
Total	3

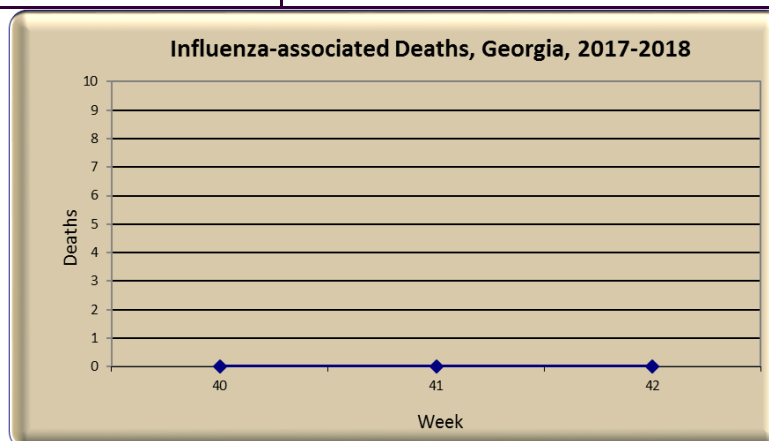
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

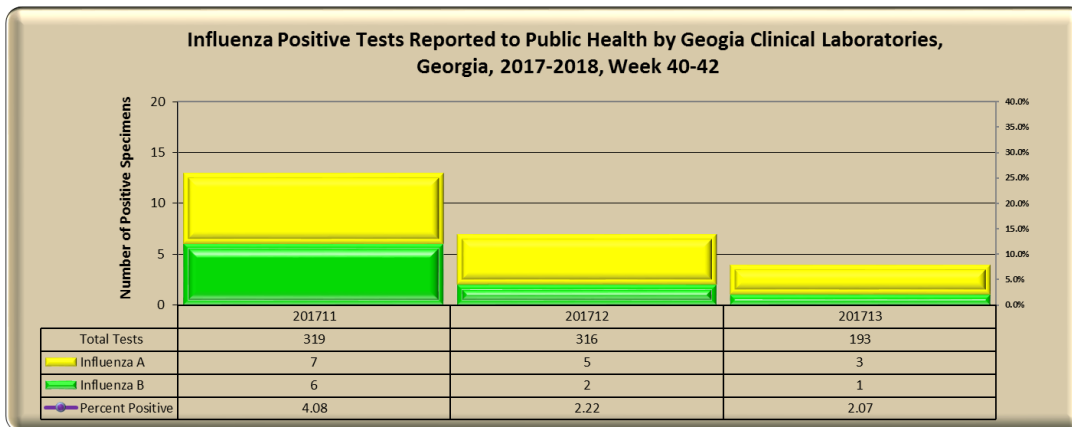
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	0
Total	0

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



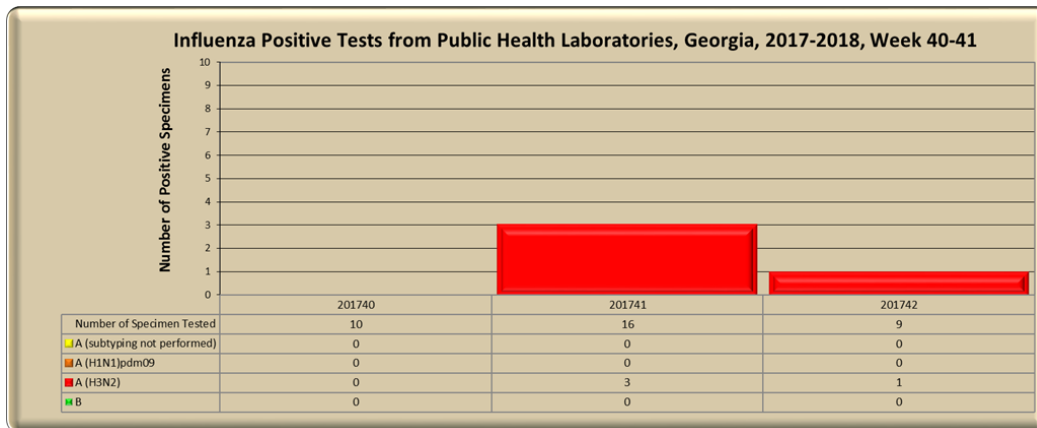
### Georgia Virologic Surveillance Data

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During **week 42** Georgia clinical laboratories reporting to NREVSS tested 193 specimens for influenza, 4 (2.07%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 9 specimens for influenza during **week 42**, 1 was positive for influenza A(H3N2). No other virus 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

