

# Georgia Weekly Influenza Report

MMWR Week 19

Updated 5/19/2017

## Week 19 (May 7 — May 13, 2017) Synopsis

**During week 19 there was minimal influenza-like illness activity in Georgia with sporadic occurrences of sustained flu transmission.**

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.71%**, which is **below** the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 19.
- **Metro Area Hospitalizations:** There were 0 hospitalizations due to influenza infection during week 19. There have been 1,435 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 9 confirmed influenza-associated deaths as of 5/19/2017.
- **Viral Surveillance:** Of the **160** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 19, **11 (6.88%)** were positive for influenza. Public Health Laboratories tested 2 specimens during week 19, 0 were positive for influenza.
- **Reported Influenza Outbreaks:** There have been 37 influenza outbreaks reported to DPH between 10/02/2016 and 5/19/2017.
- **RSV Viral Surveillance:** Of the **208** 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 19, the percent positive of **ALL** laboratory tests was **2.4%**.

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## Flu News

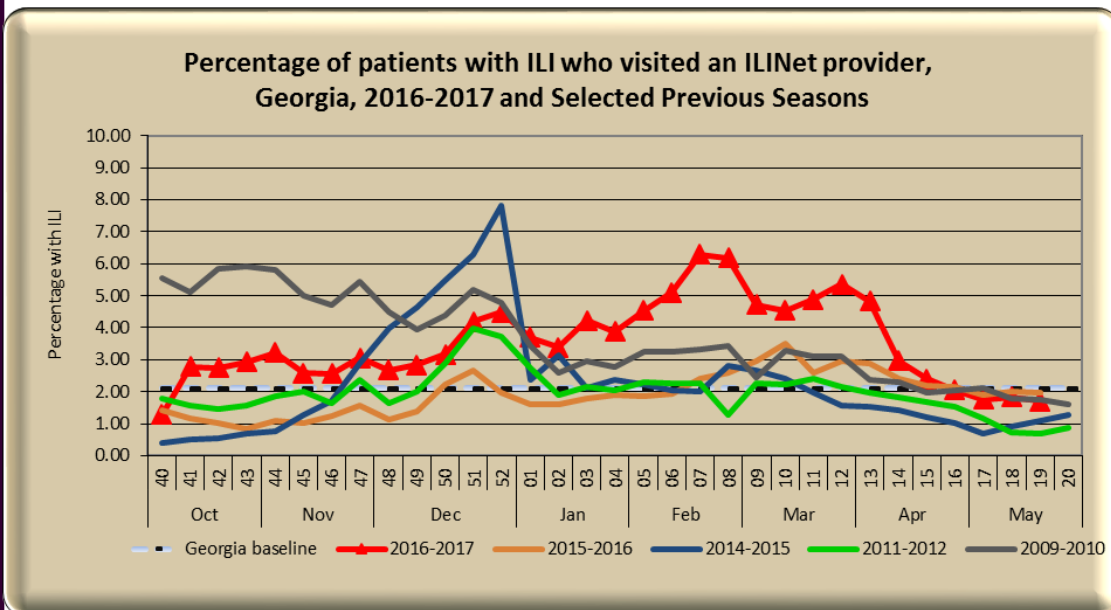
[Health Map Vaccine Finder](#)

[Flu Scan: H9N2 case in China; Immune plasma for severe flu; Southern Hemisphere flu rise](#)

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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.)

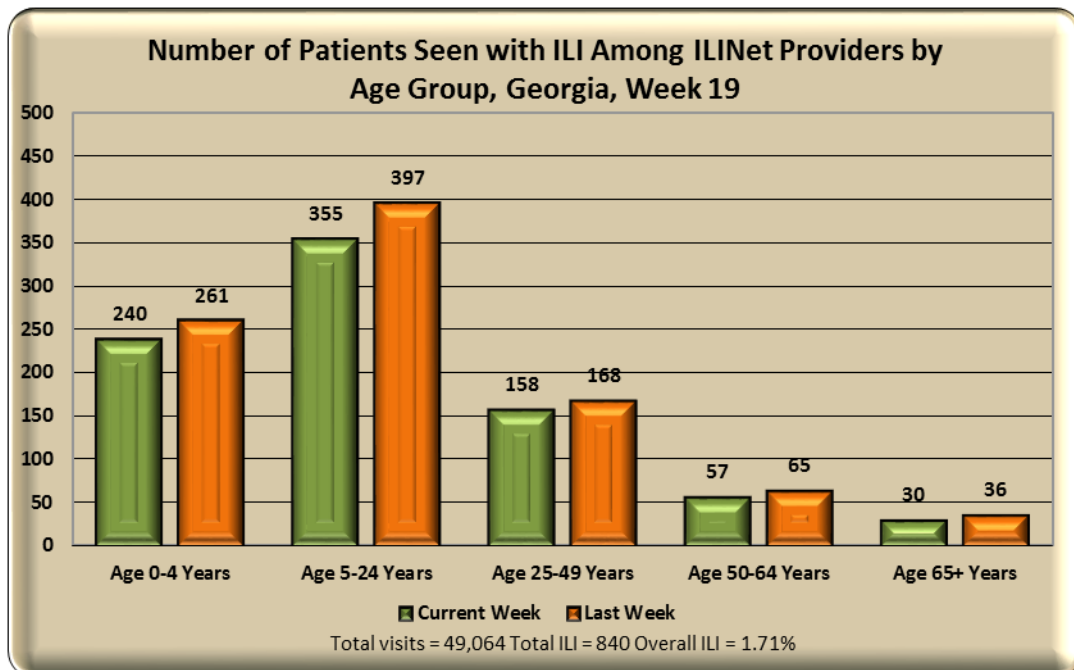
**ILINet Provider Network Data**



This Week: **1.71%** 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 19** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

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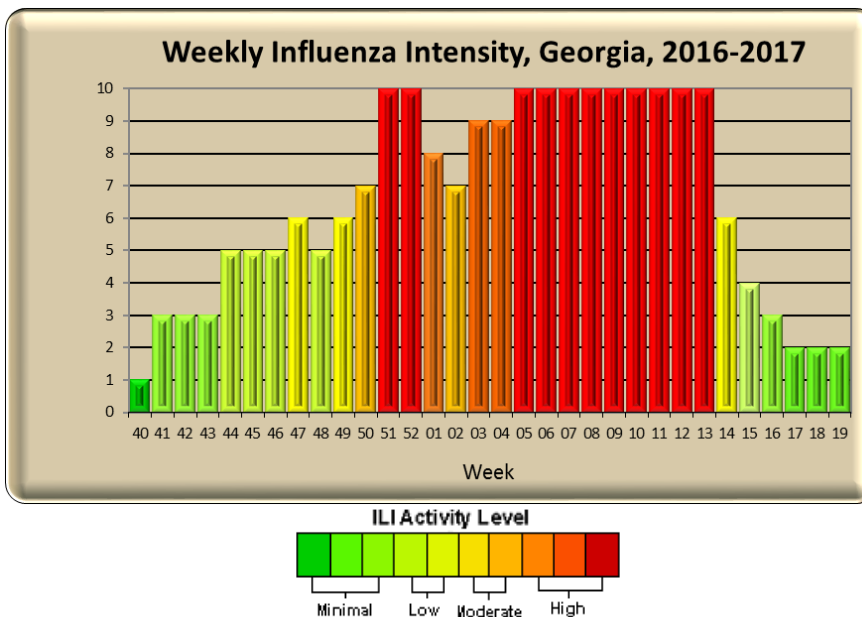
**ILI Activity Level Indicator - ILINet**

(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/>)

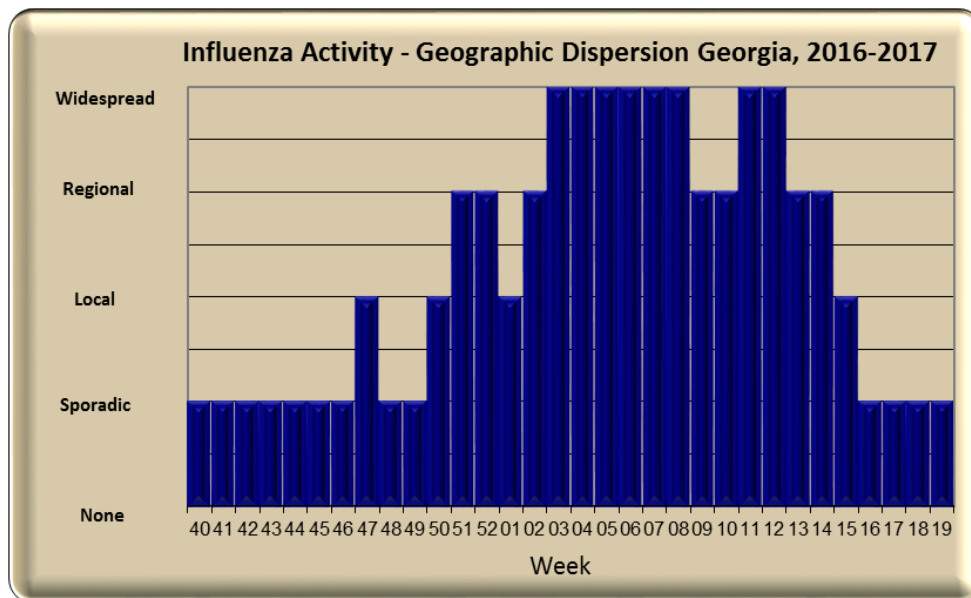
**Georgia ILI Intensity Indicator**

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 = 2**



**Georgia ILI Geographic Dispersion**



This Week's Flu Code is:

**SPORADIC**

ILI activity has not increased and isolated lab-confirmed cases of influenza

OR

ILI activity has not increased and a lab confirmed influenza outbreak in one institution.

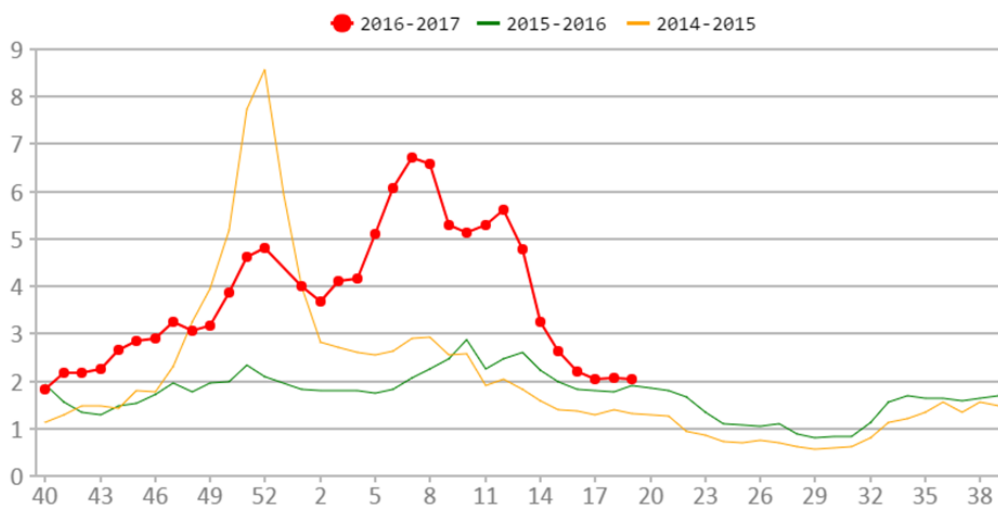
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

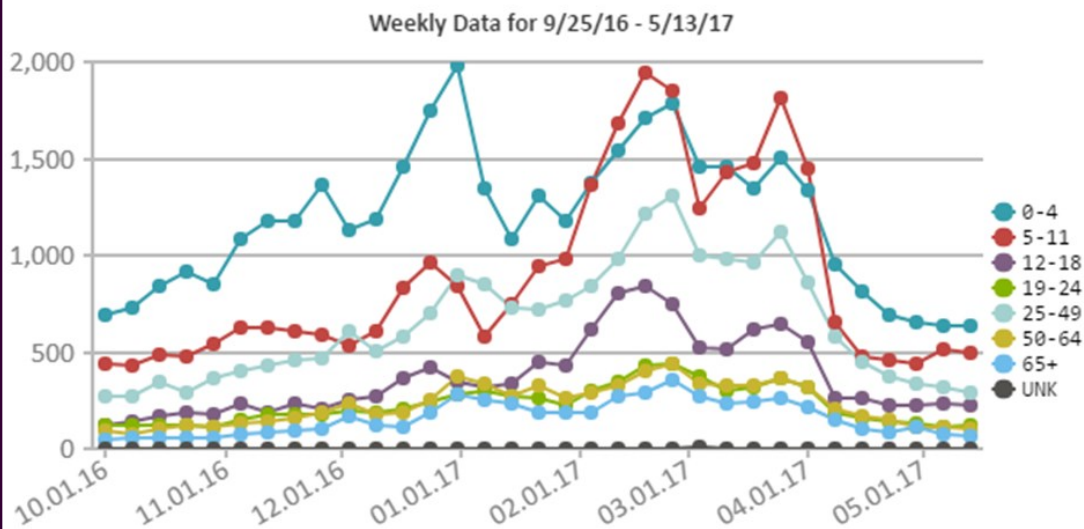
### Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 19** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system **decreased** to 2.05% (from 2.08% during week 18).

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

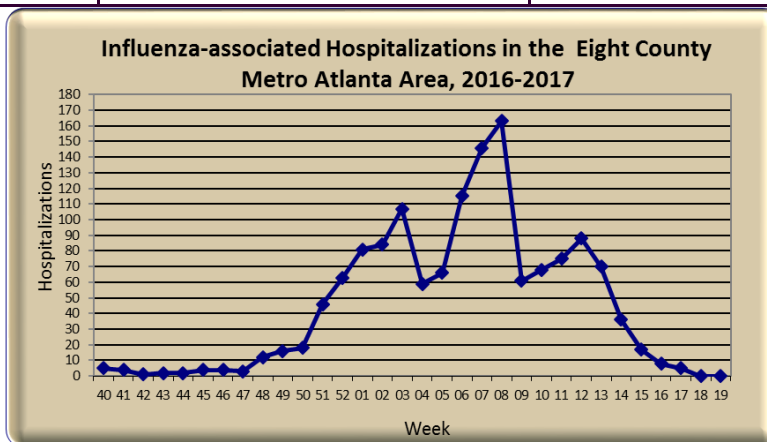
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(percentage of ILI visits by  
Age Group)



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	118	43.89
5 -17	160	21.86
18 - 49	280	15.14
50 - 64	273	37.37
65+	604	146.81
Unknown	0	N/A
Total	1,435	35.95

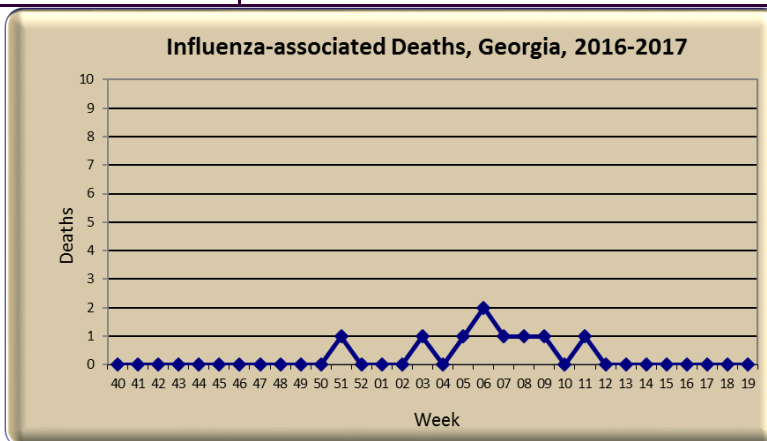
**Influenza Hospitalizations in the eight county metro Atlanta area 2016-2017** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

Age Group	Number of Deaths
0 - 4	1
5 -17	0
18 - 51	0
51 - 64	0
65+	8
Total	9

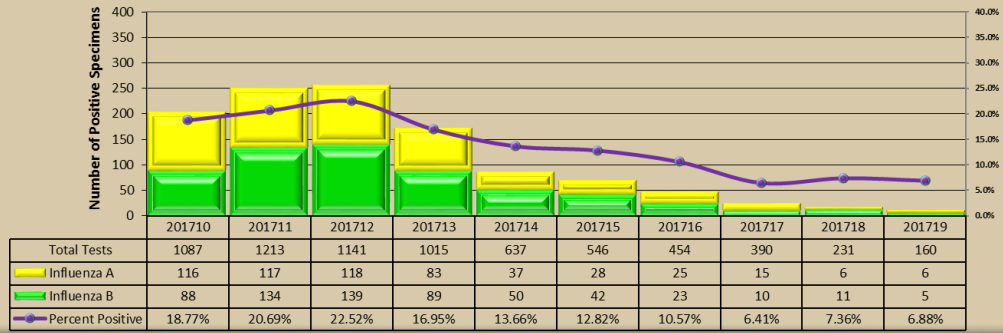
**Influenza-Associated Deaths 2016-2017 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



### Georgia Virologic Surveillance Data

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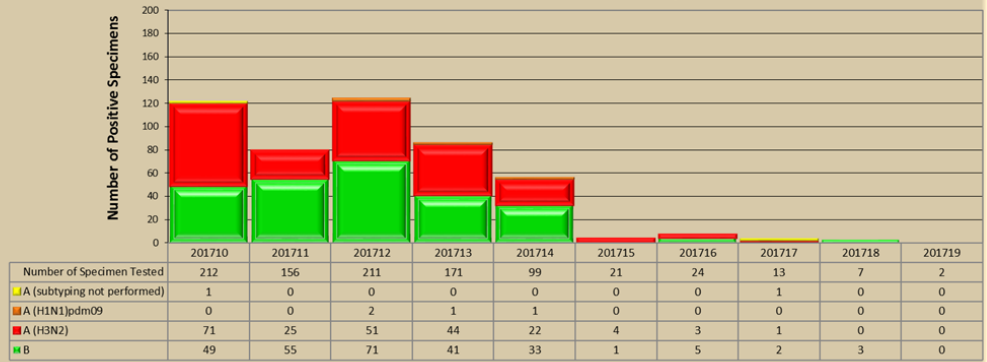
**Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2016-2017, Week 10 - 19**



During **week 19** Georgia clinical laboratories reporting to NREVSS tested 160 specimens for influenza, 11 (6.88%) 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, 2016-2017, Week 10 - 19**



Public Health Laboratories tested 2 specimens for influenza during **week 19**, 0 were positive for influenza.

### 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: OFF**

### Respiratory Syncytial Virus (RSV) Surveillance Data

**Percent Positive of RSV Tests By MMWR Week 2016-2017 Season**

