

# Georgia Weekly Influenza Report

MMWR Week 05

Updated 2/9/2018

## Week 05 (January 28 — February 3, 2018) Synopsis

During week 05 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **15.8%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 05.
- **Metro Area Hospitalizations:** There were 120 hospitalizations due to influenza infection during week 04. There have been 1,027 hospitalizations due to influenza so far this season. Week 05 data will be available next week.
- **Influenza Related Deaths:** As of week 05, there have been 66 confirmed influenza-associated deaths (2 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the **2,310** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 05, 1,179 (**51.1%**) were positive for influenza. Public Health Laboratories tested 8 specimens during week 05, 7 specimens were positive for influenza.
- **Reported Influenza Outbreaks:** There have been **112** influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **524** 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 05, the percent positive of **ALL** laboratory tests was **11.3%**.

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## Flu News

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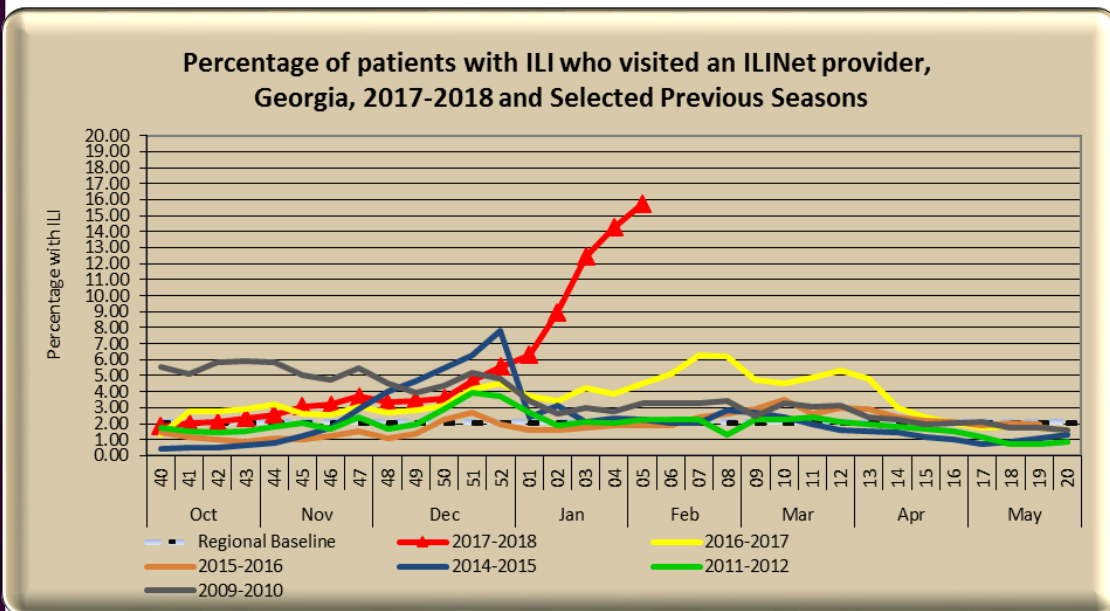
[Health Map Vaccine Finder](#)

[Flu-like illness in US reaches 2009 pandemic levels](#)

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

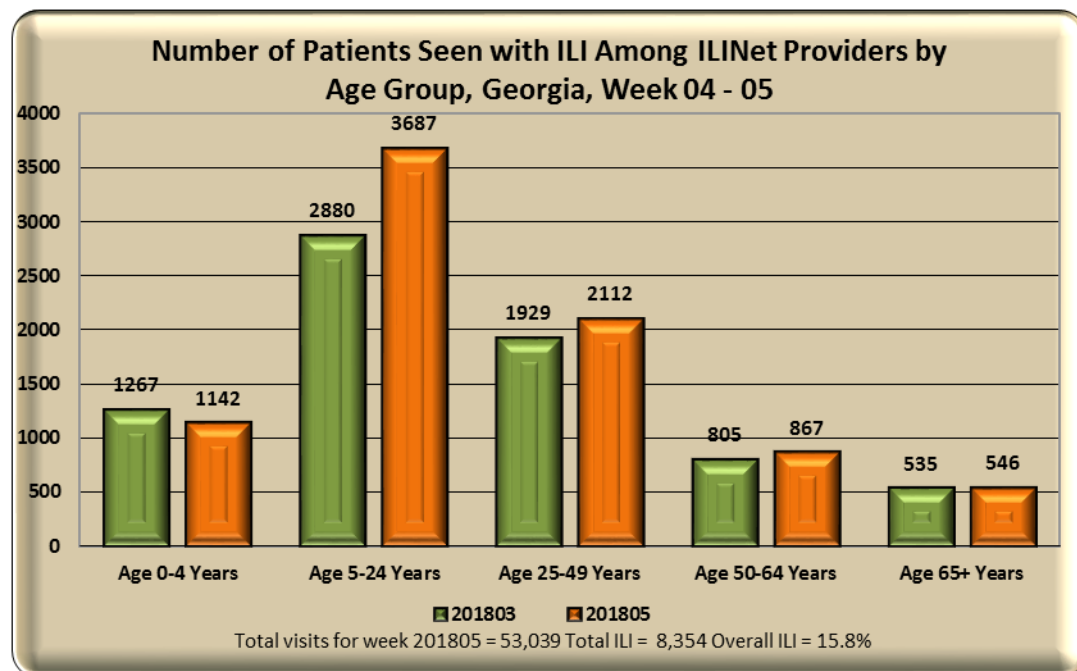
**ILINet Provider Network Data**



This Week: **15.8%** 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 05** those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

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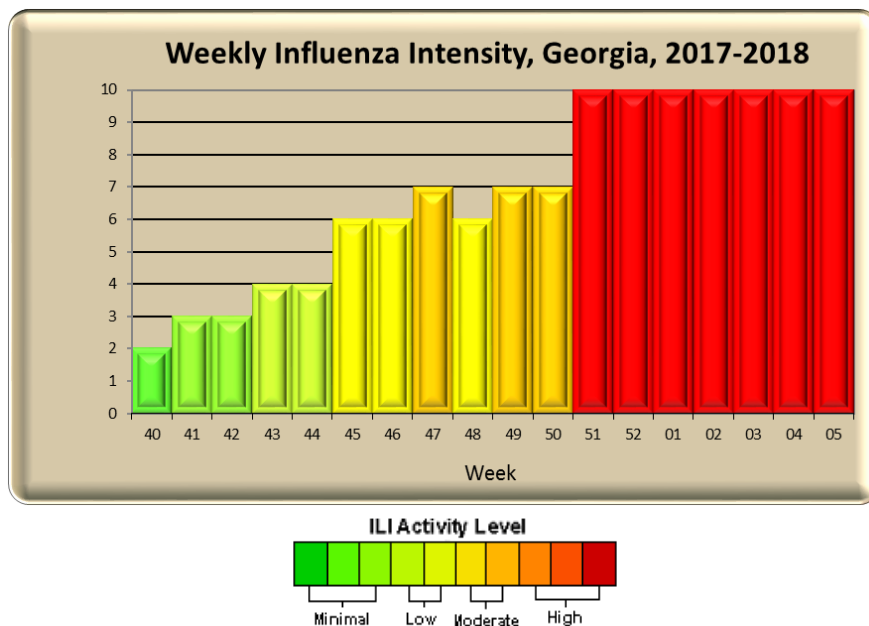
**ILI Activity Level Indicator - ILINet**

(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/>)

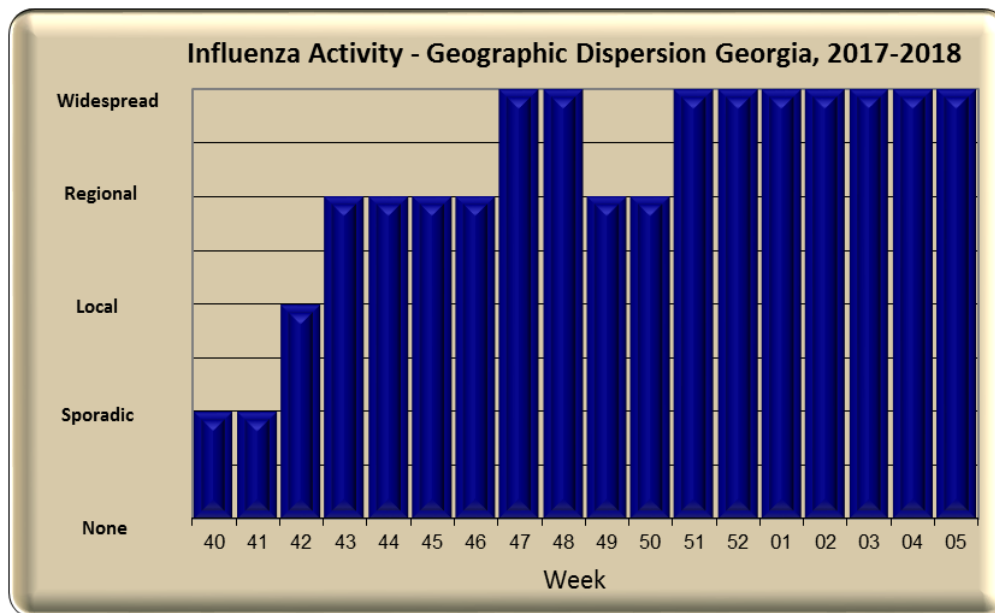
**Georgia ILI Intensity Indicator**

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

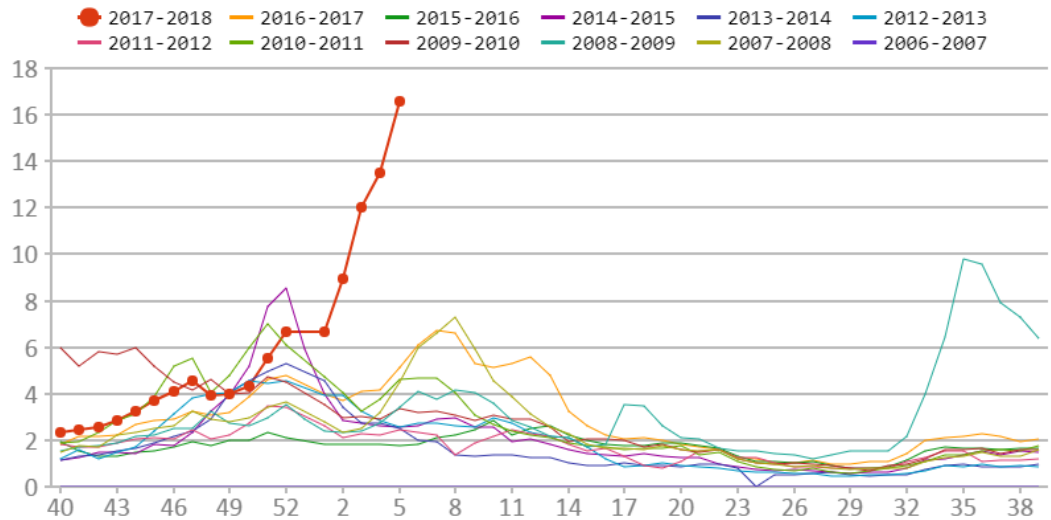
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

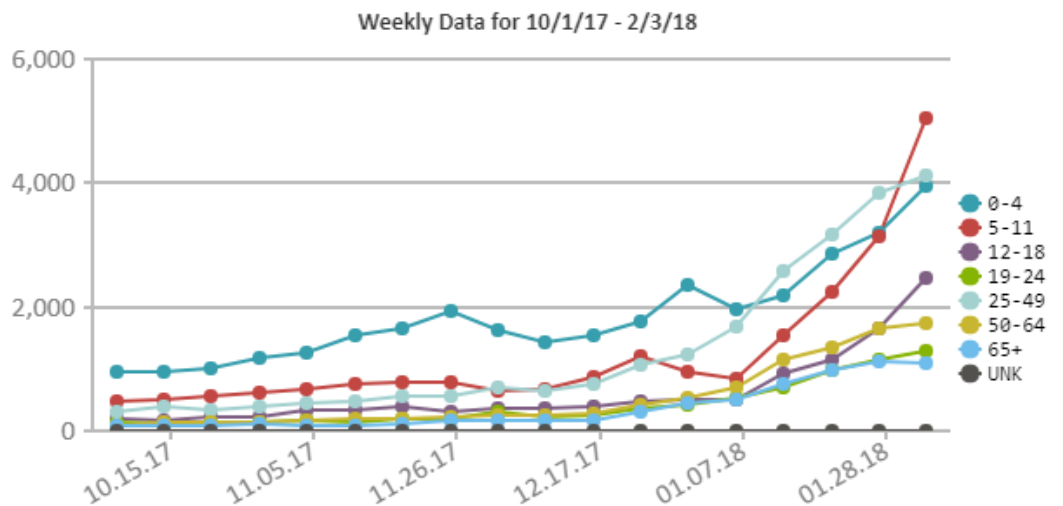
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 05** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 16.6%, increased compared to the previous week (from 13.5% during week 04).

Number of Patient Visits with ILI Syndrome by Age Group

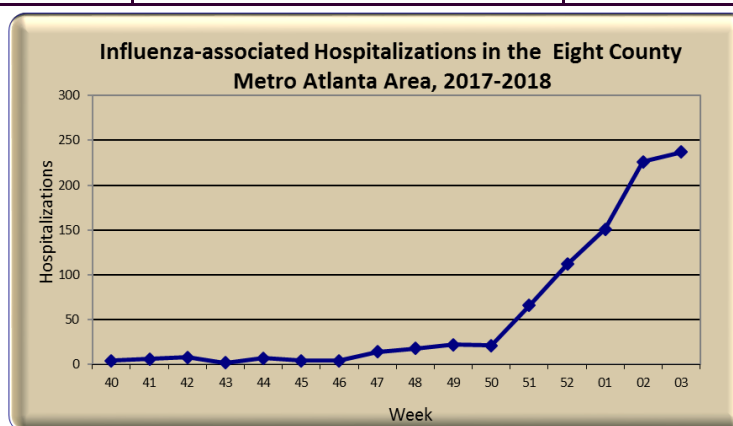
Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(Number of ILI visits by Age  
Group)



### \*\*Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Cases/100,000
0 - 4	98	36.45
5 -17	57	7.79
18 - 49	219	11.84
50 - 64	195	26.69
65+	458	111.32
Unknown	0	N/A
Total	1,027 ***(updated week 04)	25.73

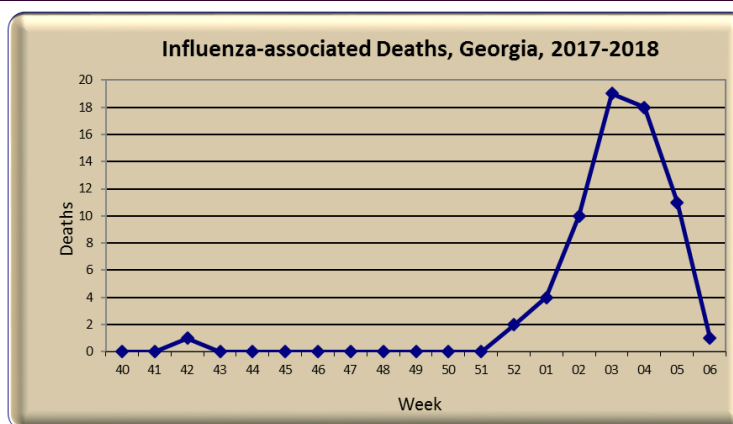
**Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

Age Group	Number of Deaths
0 - 4	0
5 -17	2
18 - 51	7
51 - 64	8
65+	49
Total	66

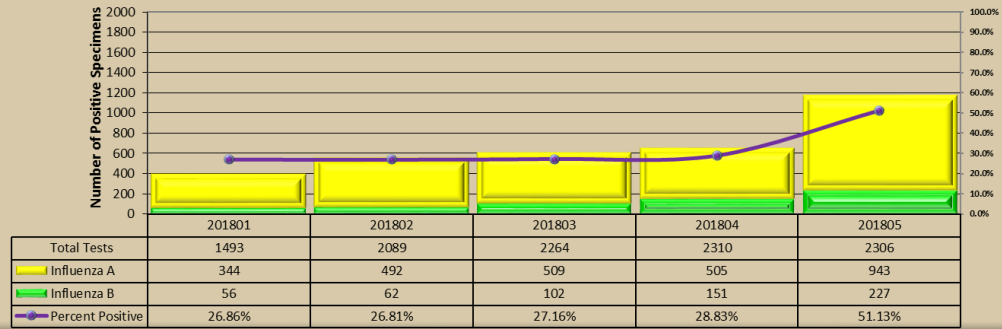
**Influenza-Associated Deaths 2017-2018 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



### Georgia Virologic Surveillance Data

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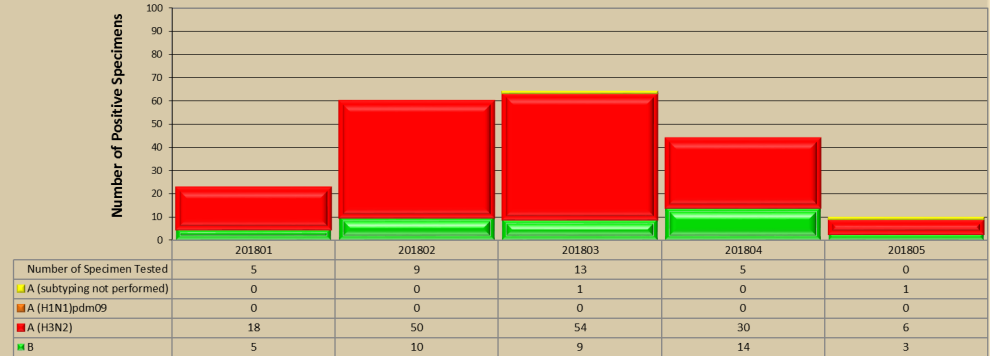
Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 01-05



During week 05 Georgia clinical laboratories reporting to NREVSS tested 2,306 specimens for influenza, 1,179 (51.1%) 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 01-05



Public Health Laboratories tested 8 specimens for influenza during week 05, 7 specimens were positive for influenza (influenza A(H3N2) and influenza A(no subtyping performed)).

### 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

