

Georgia Weekly Influenza Report

MMWR Week 45

Updated 11/17/2017

Week 45 (November 5 — November 11, 2017) Synopsis

During week 45 there was low influenza-like illness activity in Georgia with regional occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **3.1%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **REGIONAL** during week 45.
- **Metro Area Hospitalizations:** There was 1 hospitalization due to influenza infection during week 45. There have been 14 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 45. There have been 0 confirmed influenza-associated deaths as of 11/17/2017.
- **Viral Surveillance:** Of the **611** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 45, and **19 (3.11%)** were positive for influenza. Public Health Laboratories tested 0 specimens during week 45.
- **Reported Influenza Outbreaks:** Two influenza outbreaks reported to DPH during week 46.
- **RSV Viral Surveillance:** Of the **341** 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 45, the percent positive of **ALL** laboratory tests was **18%**.

Flu News

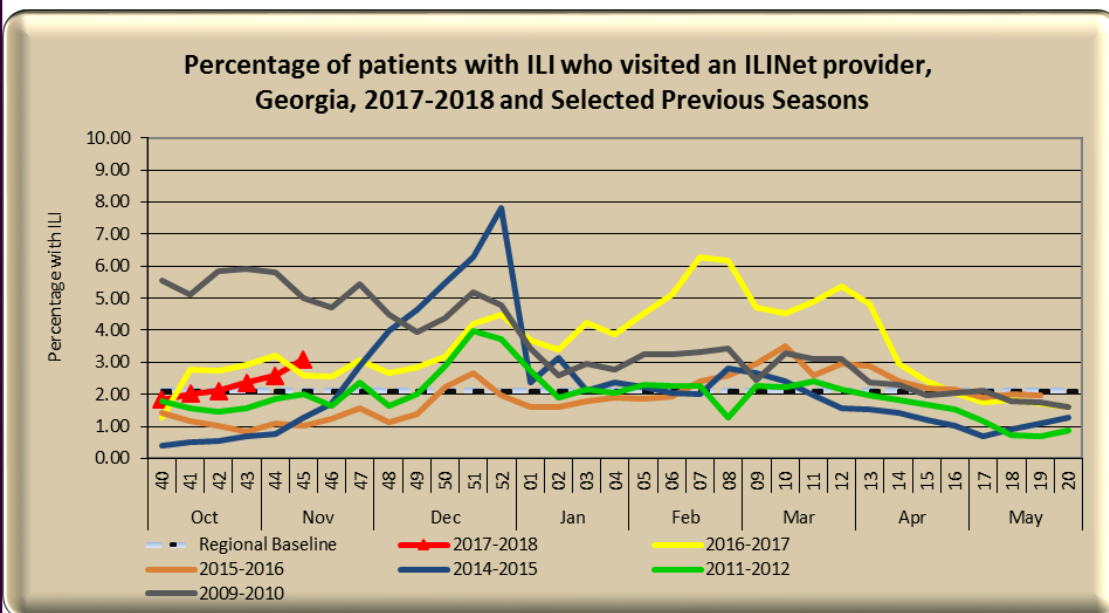
[Health Map Vaccine Finder](#)

[News Scan: Northern Hemisphere flu uptick; Flu vaccine protection by age; Madagascar plague declines](#)

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

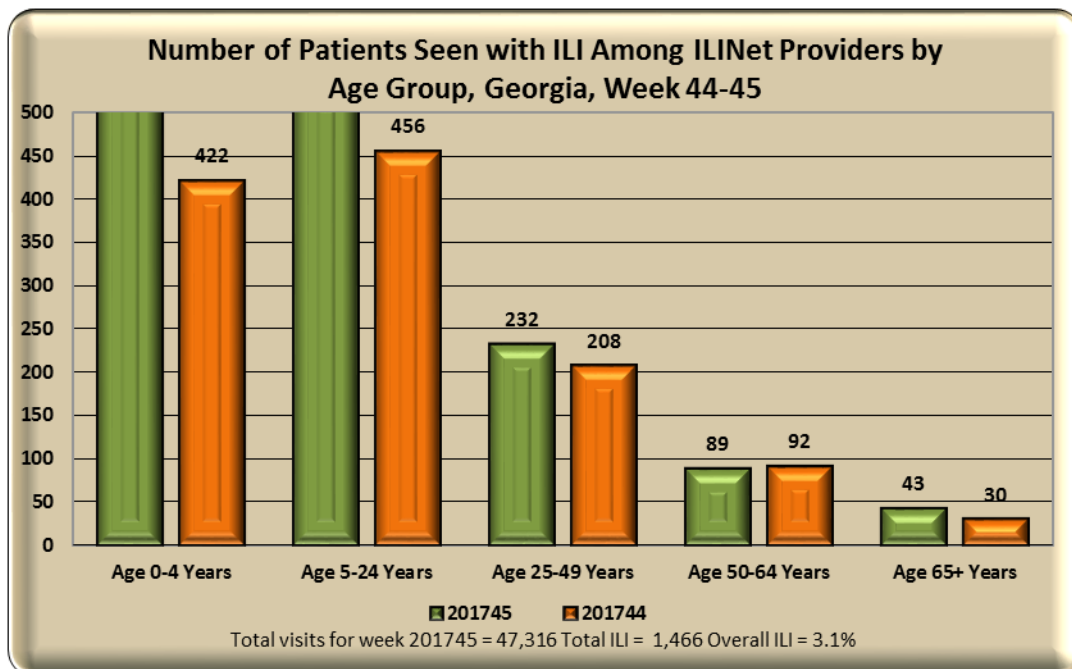
ILINet Provider Network Data



This Week: **3.1%** 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 45** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

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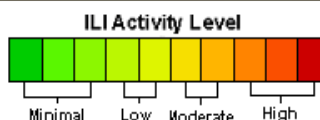
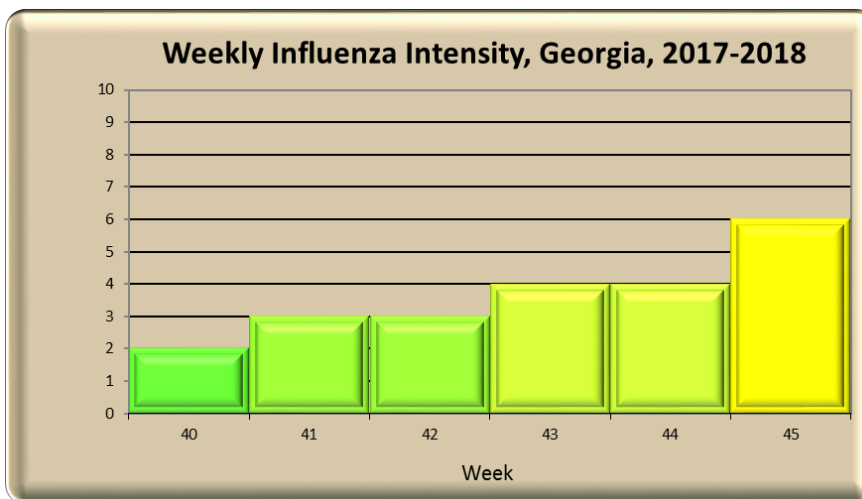
ILI Activity Level Indicator - ILINet

(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/>)

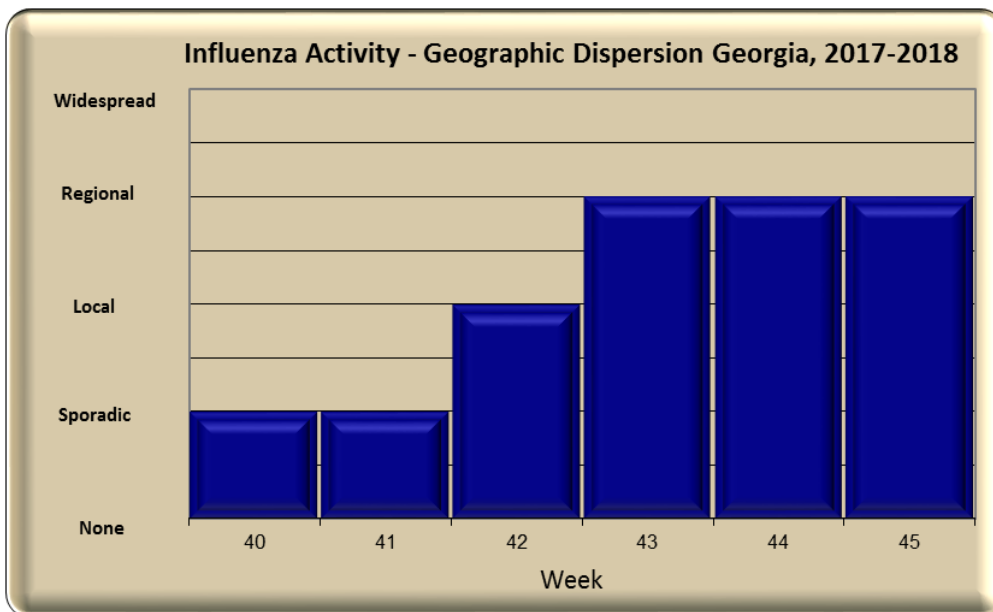
Georgia ILI Intensity Indicator

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: **Moderate = 6**



Georgia ILI Geographic Dispersion



This Week's Flu Code is:

REGIONAL

Outbreaks of influenza OR Increases in ILI cases and recent laboratory-confirmed influenza cases in at least two but less than half the regions of the state with recent laboratory evidence of influenza in those regions in region with the outbreaks; virus activity is no greater than sporadic in other regions

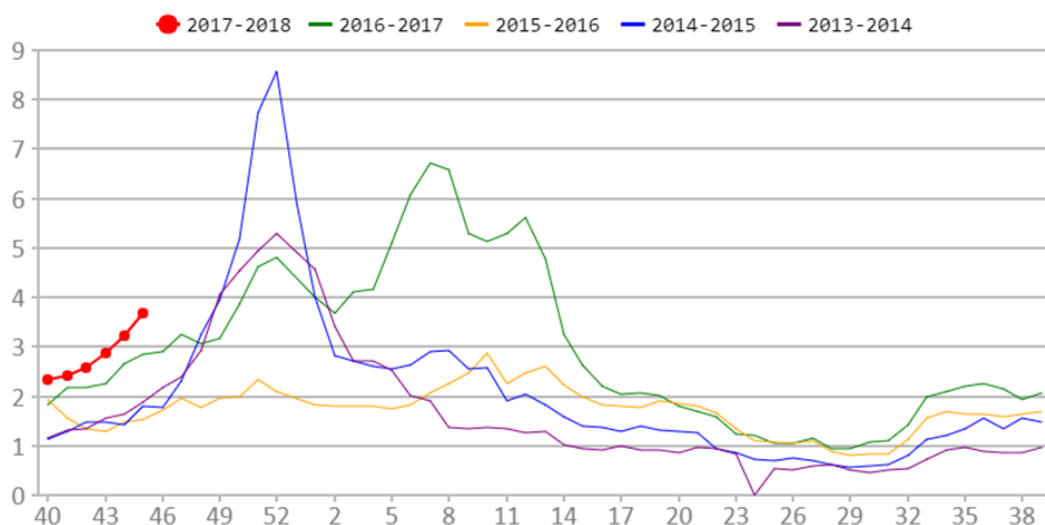
Council of State and Territorial Epidemiologists Report – Geographic Dispersion

(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)

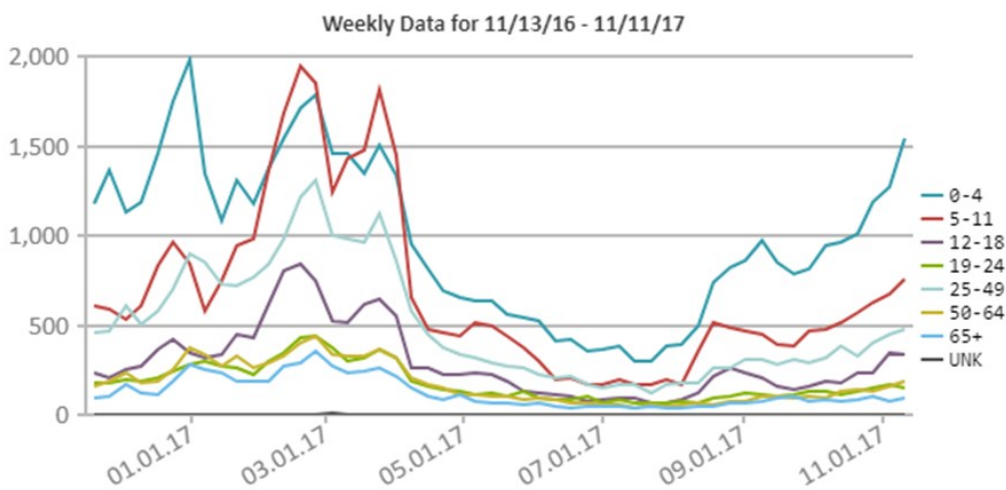
Percent of ILI Visits to Georgia Emergency Departments by
MMWR Week



During **week 45** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system **increased** to 3.68% (from 3.23% during week 44).

Number of Patient Visits with ILI Syndrome by Age Group

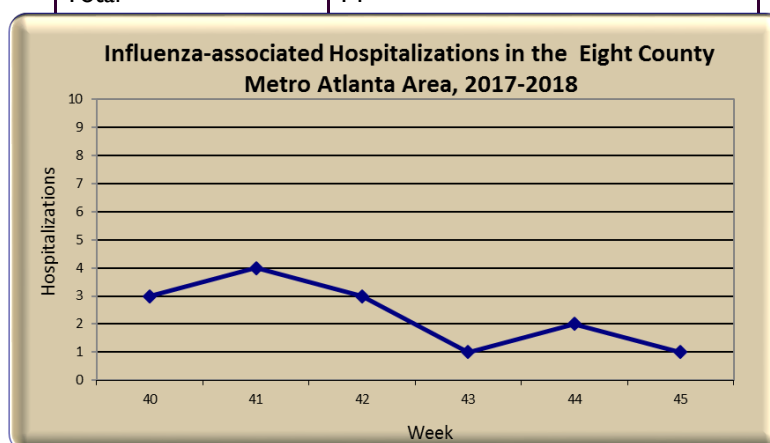
Syndromic Surveillance
Data Weekly Influenza-like
Illness Syndrome
(percentage of ILI visits by
Age Group)



Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	0
5 -17	0
18 - 49	8
50 - 64	3
65+	3
Unknown	0
Total	14

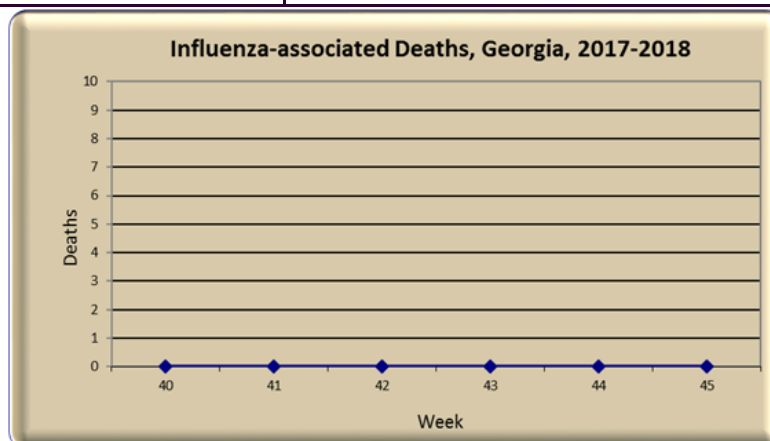
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



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

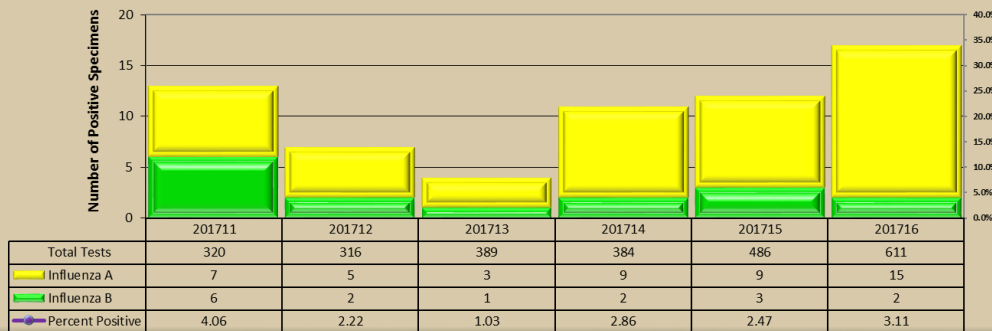
Influenza-Associated Deaths 2017-2018 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)



Georgia Virologic Surveillance Data

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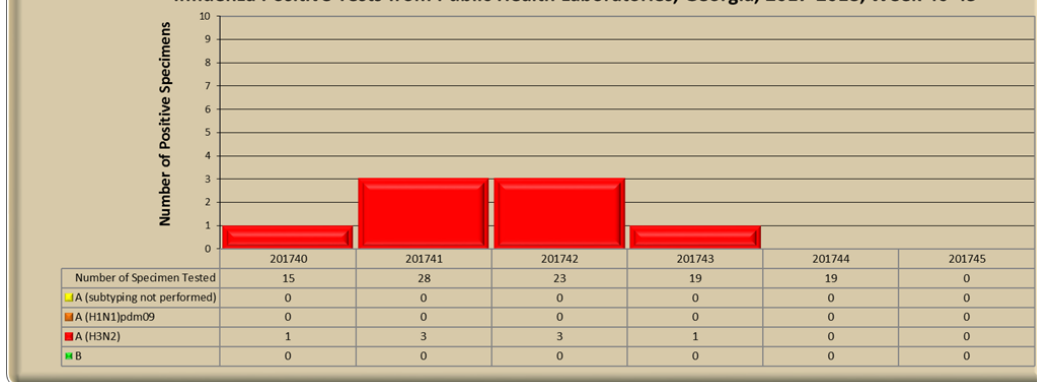
Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 40-45



During week 45 Georgia clinical laboratories reporting to NREVSS tested 611 specimens for influenza, 19 (3.11%) 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 40-45



Public Health Laboratories tested 0 specimens for influenza during week 45.

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 2016-2017 Season

