

Georgia Weekly Influenza Report

MMWR Week 41

Updated 10/20/2017

Week 41 (October 8 — October 14, 2017) Synopsis

During week 41 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 **2.1%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 41.
- **Metro Area Hospitalizations:** There was 1 hospitalization due to influenza infection during week 41. 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 41. There have been 0 confirmed influenza-associated deaths as of 10/20/2017.
- **Viral Surveillance:** Of the **221** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 41, and **5 (2.26%)** were positive for influenza. Public Health Laboratories tested 0 specimens during week 41.
- **Reported Influenza Outbreaks:** There have been 0 influenza outbreaks reported to DPH between 10/02/2017 and 10/20/2017.
- **RSV Viral Surveillance:** Of the **100** 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 41, the percent positive of **ALL** laboratory tests was **6%**. **There is a delay in reporting, these numbers are subject to change.**

Flu News

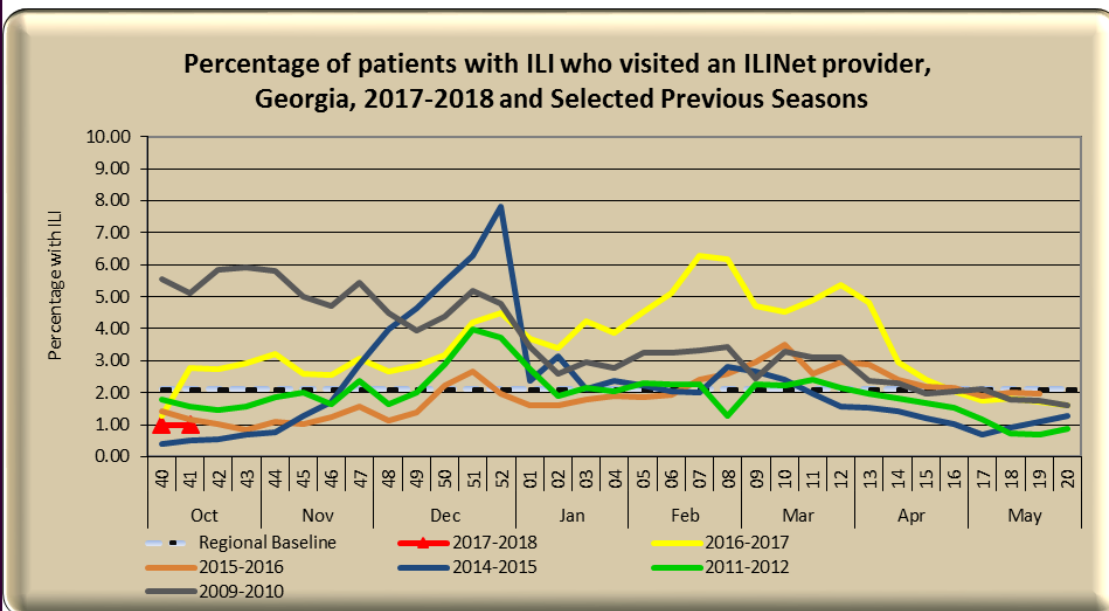
[Health Map Vaccine Finder](#)

[News Scan: Southern Hemisphere flu decline; Influenza A in VA hospitals; H5N6 avian flu in China; H5N8 in South Africa; Hospital-acquired pneumonia](#)

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

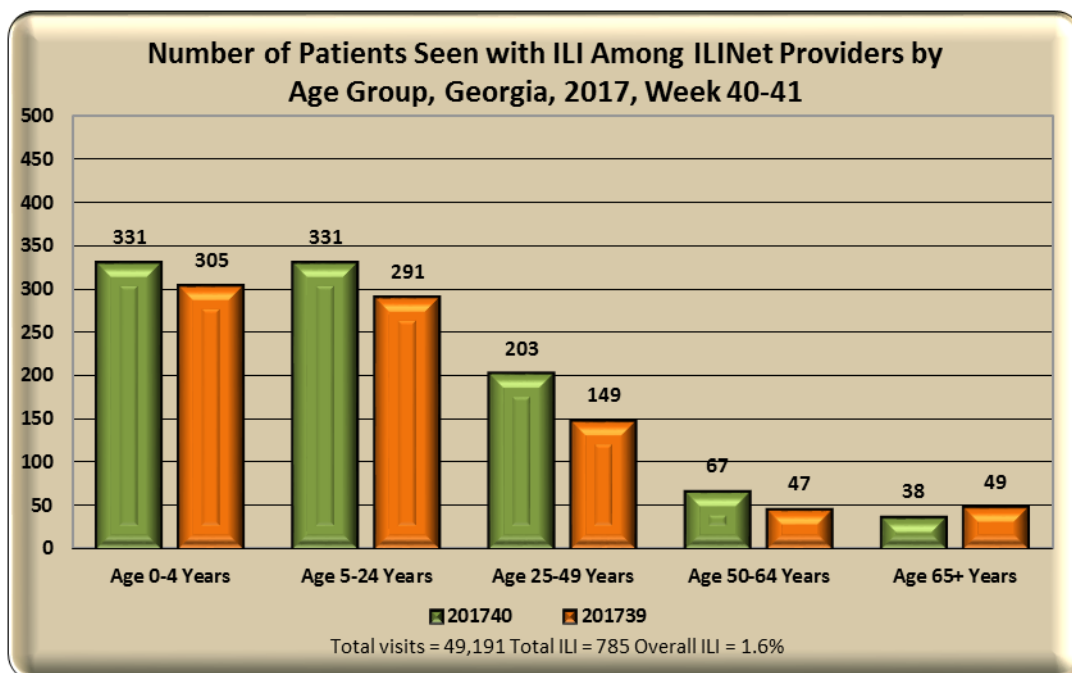
ILINet Provider Network Data



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 41** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

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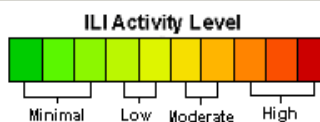
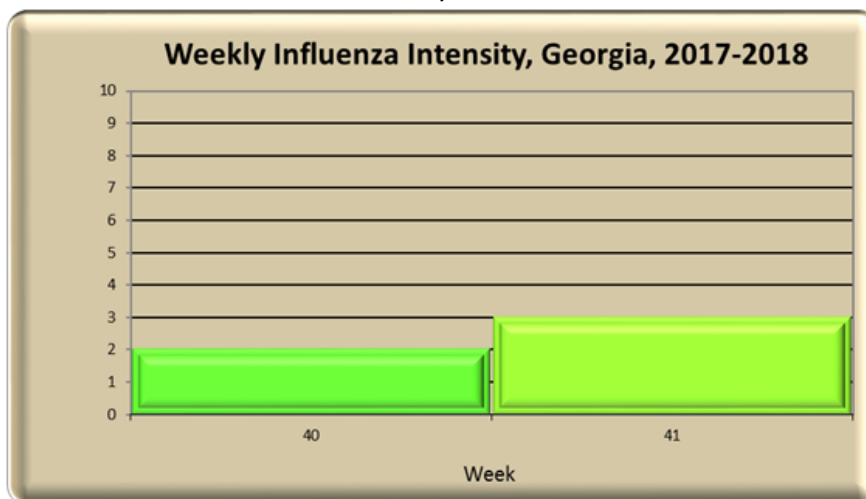
ILI Activity Level Indicator - ILINet

(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/>)

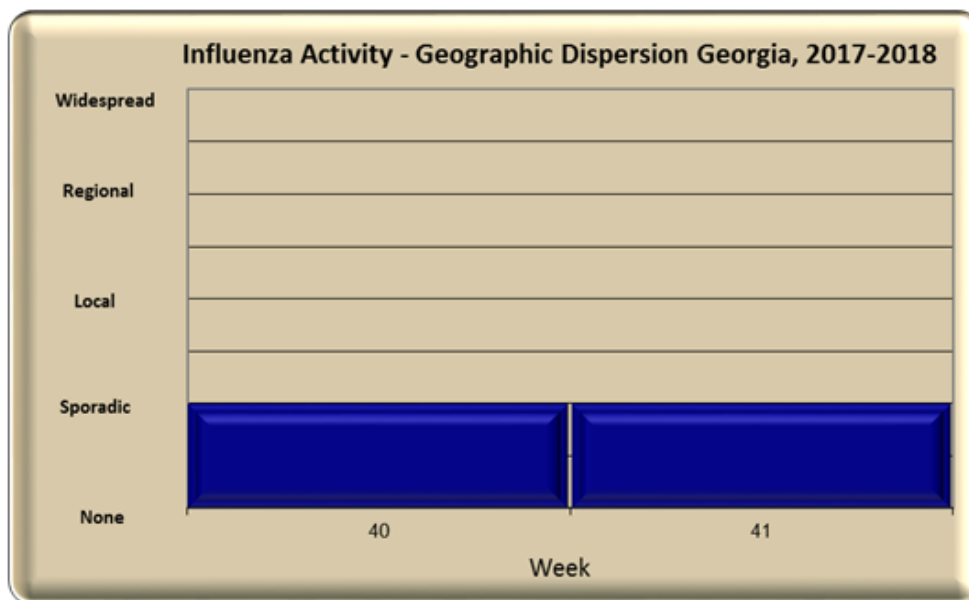
Georgia ILI Intensity Indicator

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**



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.

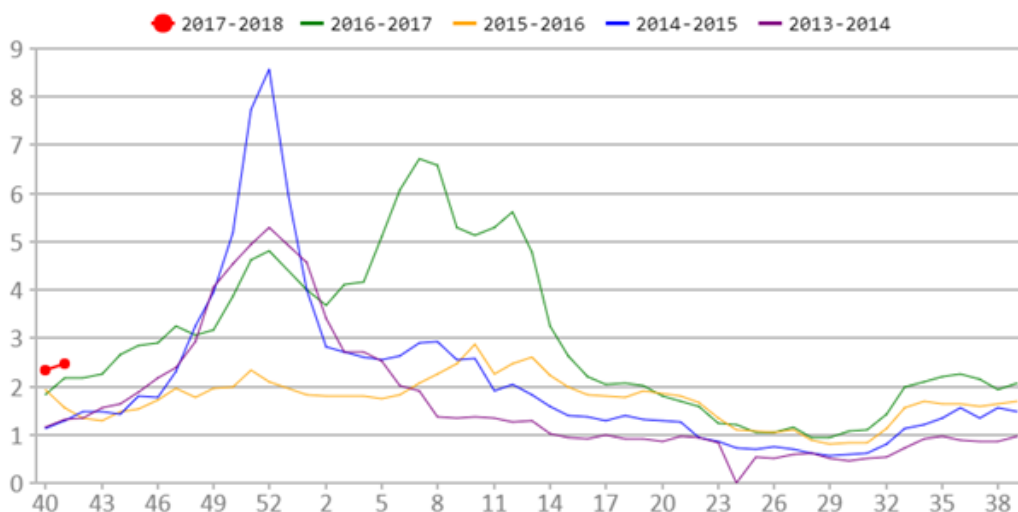
Council of State and Territorial Epidemiologists Report – Geographic Dispersion

(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)

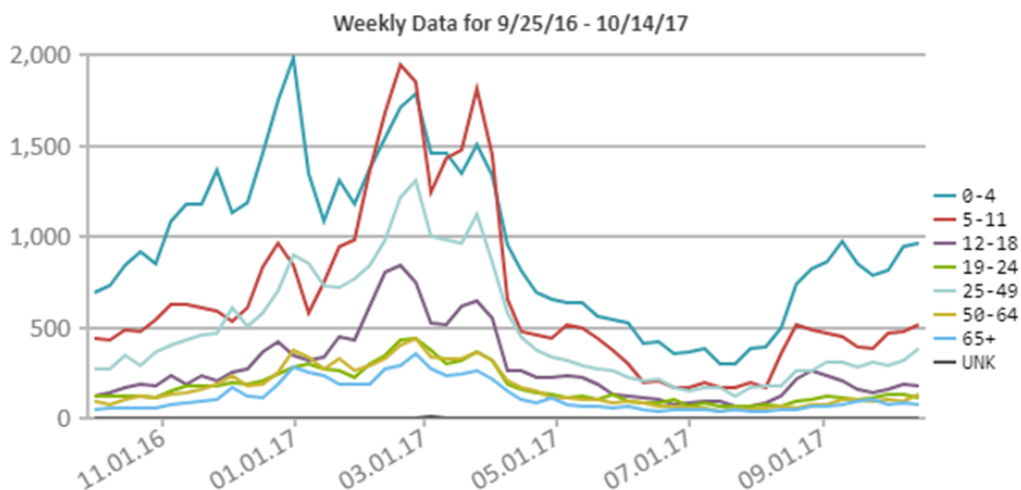
Percent of ILI Visits to Georgia Emergency Departments by
MMWR Week



During **week 41** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system **increased** to 2.46% (from 2.33% during week 40).

Number of Patient Visits with ILI Syndrome by Age Group

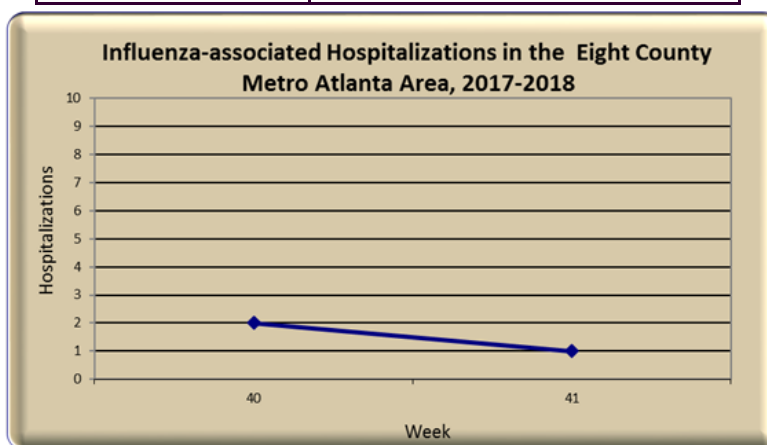
Syndromic Surveillance
Data Weekly Influenza-like
Illness Syndrome
(percentage of ILI visits by
Age Group)



Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	119
5 -17	160
18 - 49	291
50 - 64	290
65+	629
Unknown	0
Total	3

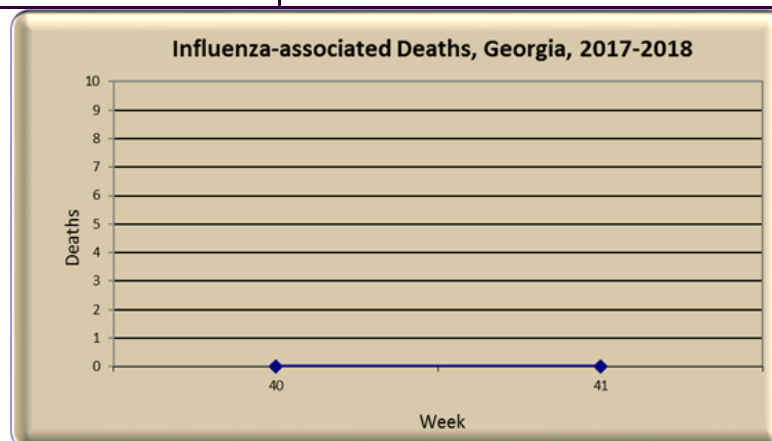
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



Georgia Influenza-Associated Deaths

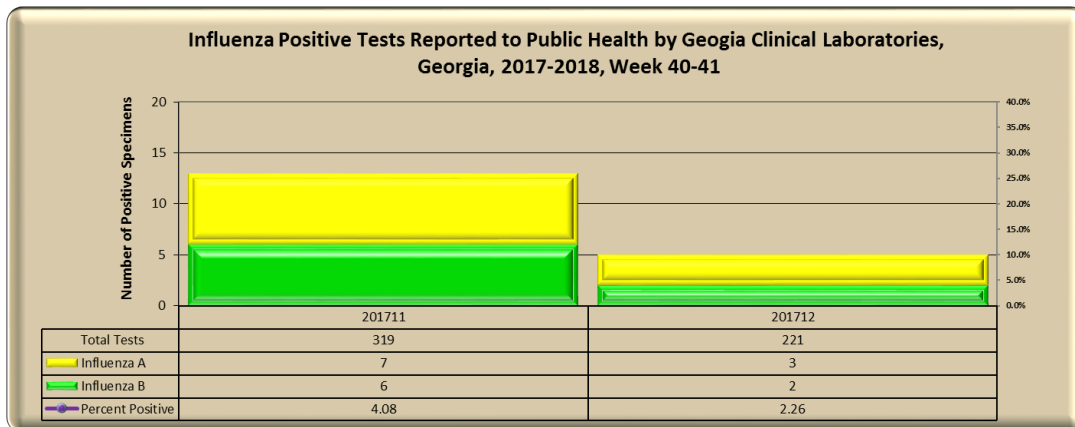
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	0
Total	0

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



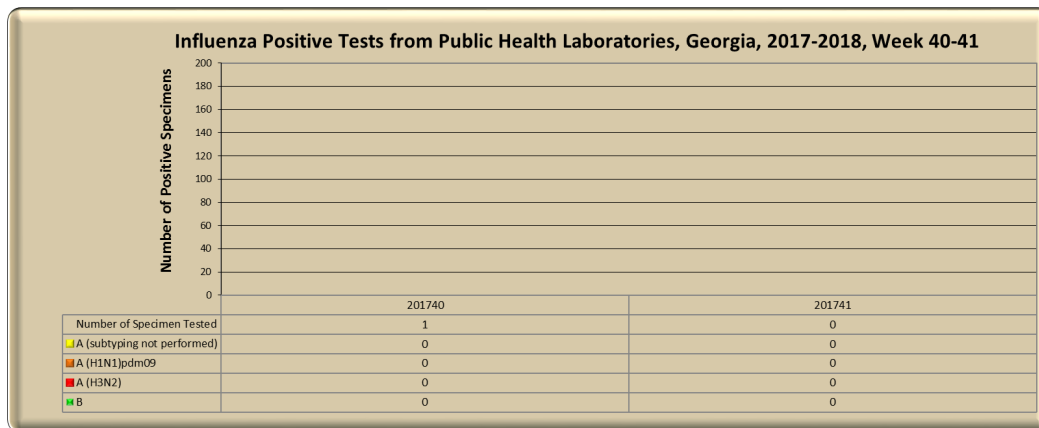
Georgia Virologic Surveillance Data

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During **week 41** Georgia clinical laboratories reporting to NREVSS tested 221 specimens for influenza, 5 (2.26%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



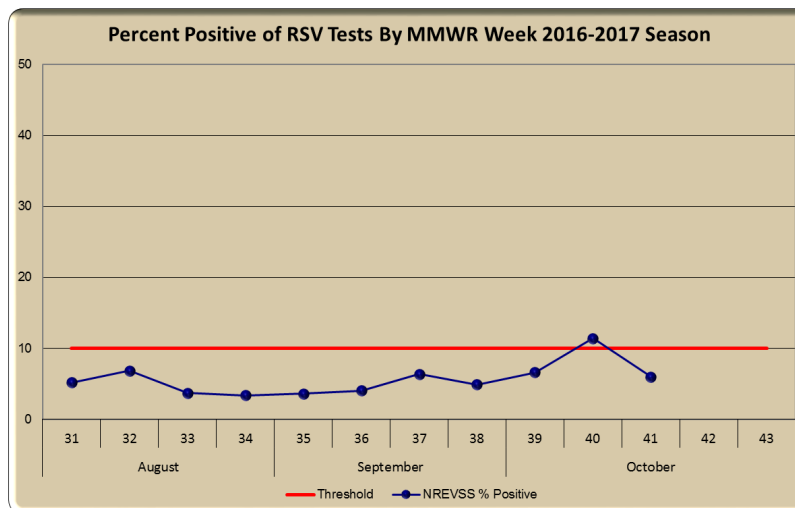
Public Health Laboratories tested 0 specimens for influenza during **week 41**.

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



*There is a delay in reporting by two facilities. The percent positive may change in the following week.