

Georgia Weekly Influenza Report

MMWR Week 16

Updated 4/29/2016

Week 16 (April 17 - 23 2016) Synopsis

During week 16 there was low influenza activity in Georgia with sporadic occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **2.14%**, which is **above** the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 16.
- **Metro Area Hospitalizations:** There were 14 hospitalizations due to influenza infection during week 16. There have been 545 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 5 confirmed influenza-associated death as of 4/29/2016.
- **Viral Surveillance:** Of the **461** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 16, **28 (6.07%)** were positive for influenza. Public Health Laboratories tested 11 specimens during week 16, 4 were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 outbreaks reported to public health during week 16. There have been 3 influenza-related outbreaks so far this season.
- **RSV Viral Surveillance:** Of the **311** 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 16, the percent positive of **ALL** laboratory tests was 2.25%.

Flu News

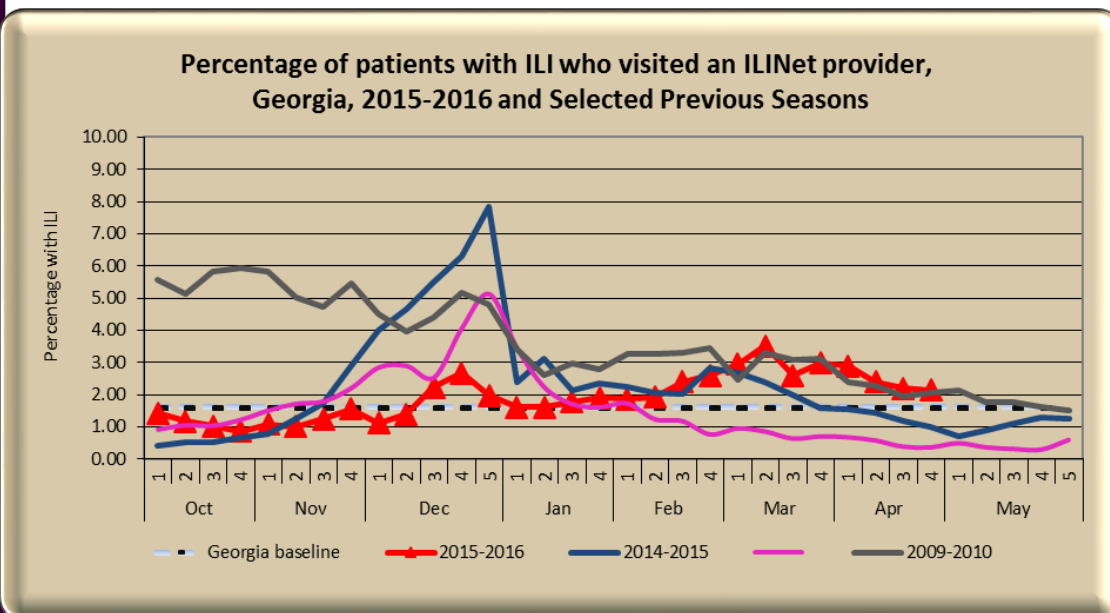
[Flu Scan: Tropical flu patterns; H5N1 in Vietnam](#)

[US flu decline slows as 6 more kids deaths reported](#)

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

ILINet Provider Network Data



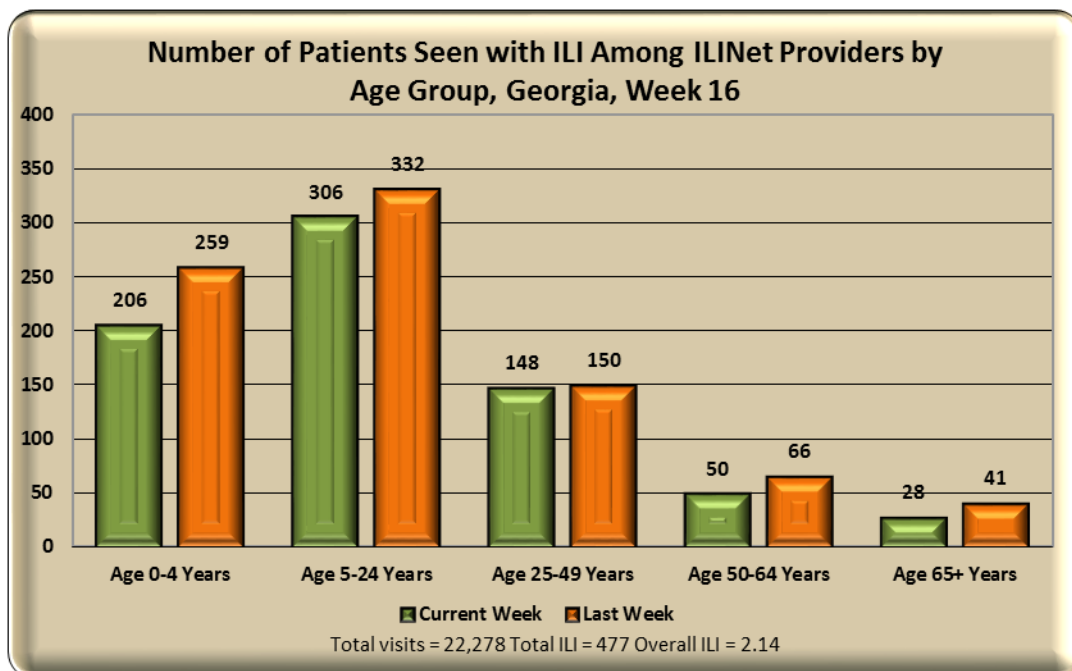
This Week: **2.14%** of patients seen in ILINet Provider offices were diagnosed with ILI.

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

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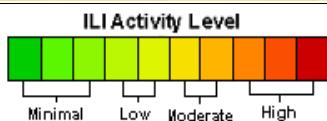
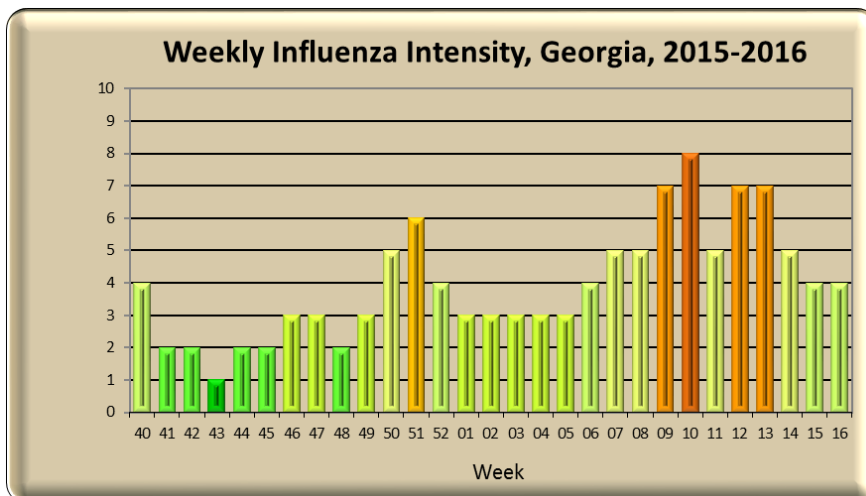
ILI Activity Level Indicator - ILINet

(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/>

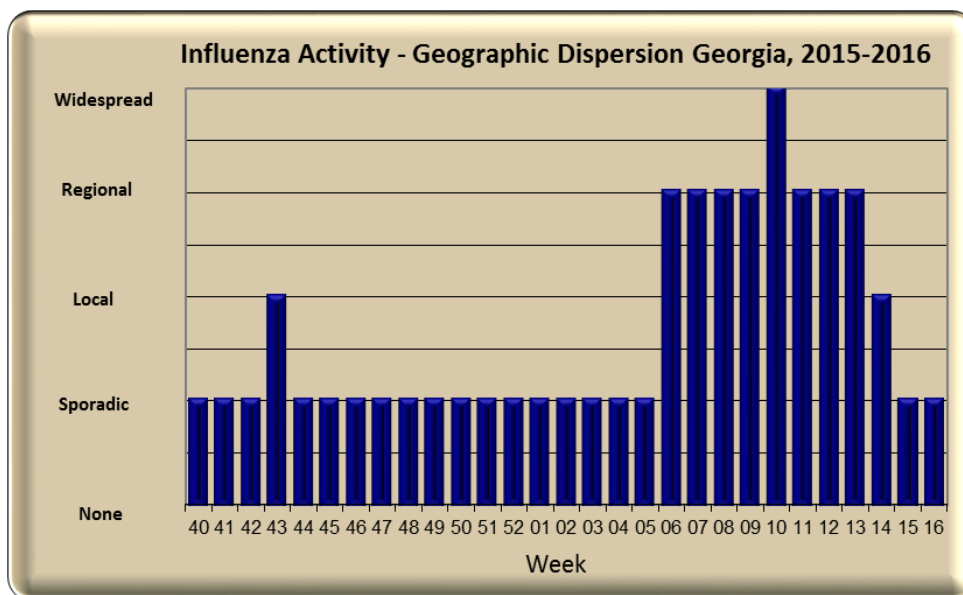
Georgia ILI Intensity Indicator

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: **Low = 4**



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.

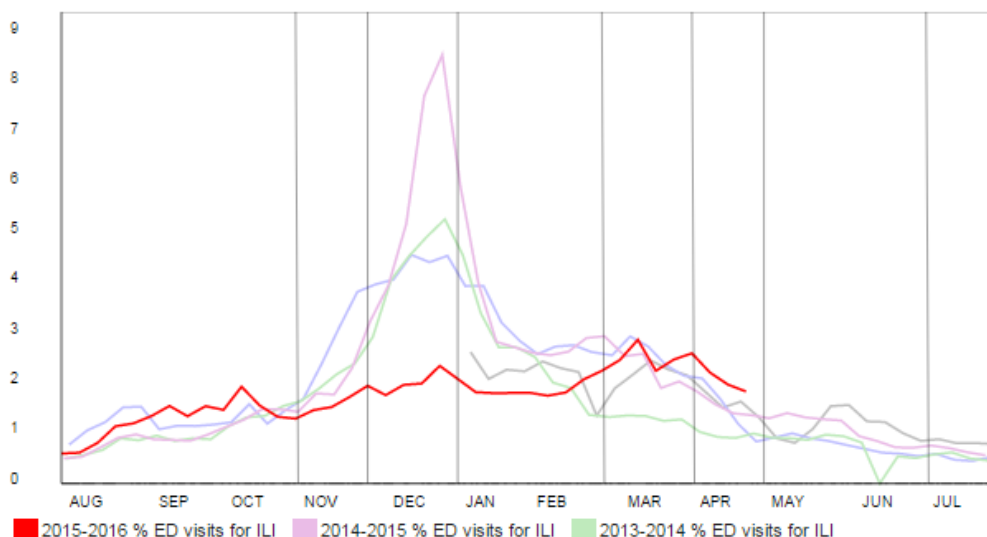
Council of State and Territorial Epidemiologists Report – Geographic Dispersion

(This graph reflects geographic dispersion and is not an indicator of influenza severity)

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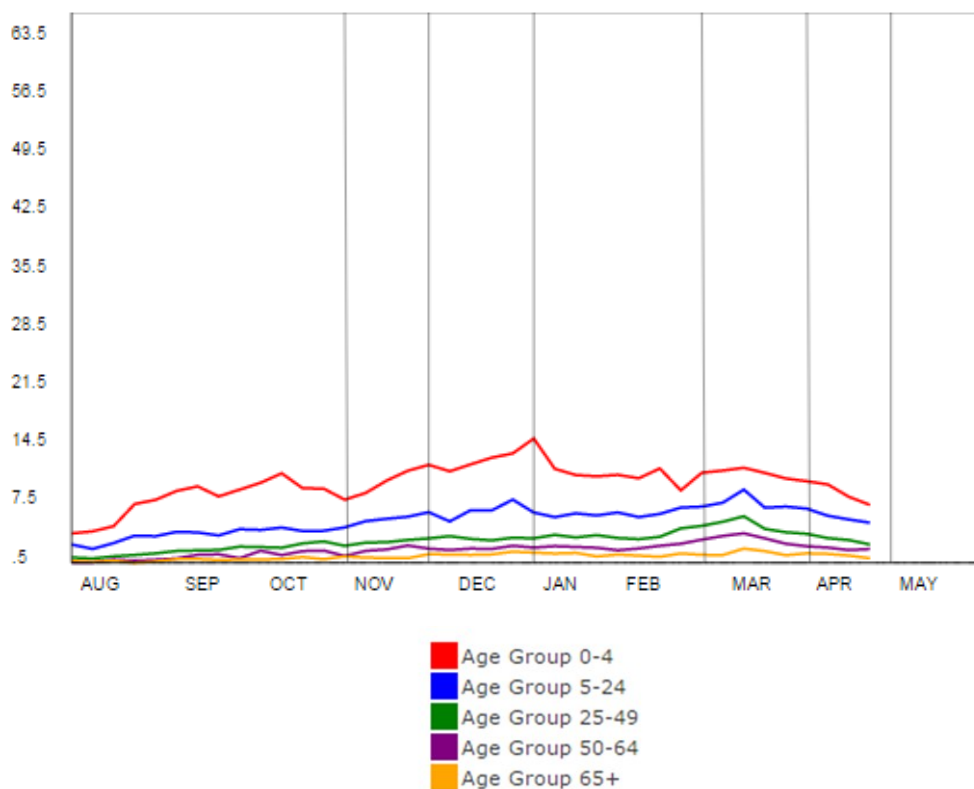
Syndromic Surveillance
Data Daily Influenza-like
Illness Syndrome
(percentage of ILI visits)

Percent of ILI Visits to Georgia Emergency Departments by
MMWR Week



During **week 16** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased compared to the previous week.

Percentage of Patients with ILI Syndrome Visits by Age Group

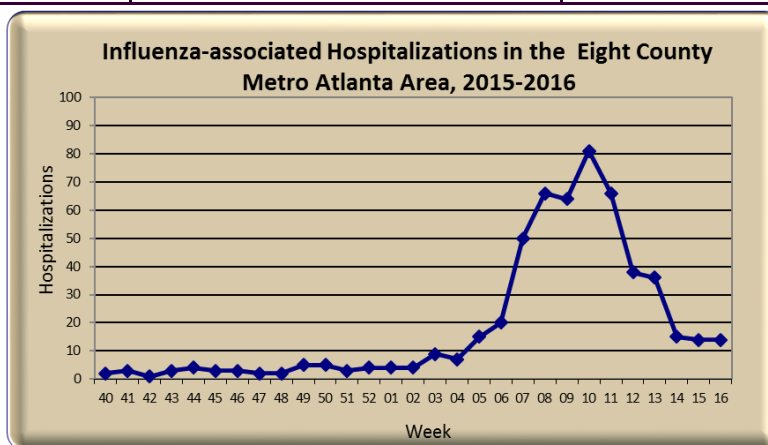


Syndromic Surveillance
Data Weekly Influenza-like
Illness Syndrome
(percentage of ILI visits by
Age Group)

Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	78 (14.3%)	28.95
5 -17	47 (8.6%)	6.59
18 - 51	161 (29.5%)	8.86
51 - 64	127 (23.3%)	18.31
65+	132 (24.2%)	35.64
Total	545	14.52

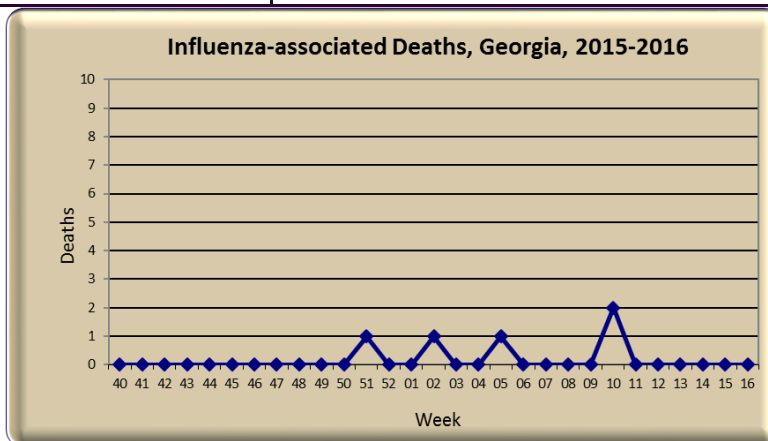
Influenza Hospitalizations in the eight county metro Atlanta area 2015-2016 (Emerging Infections Program data)



Georgia Influenza-Associated Deaths

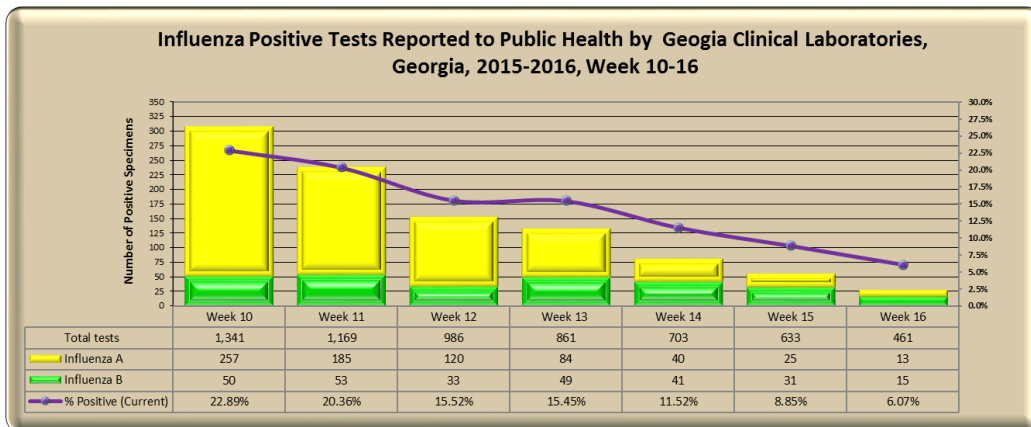
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	1
51 - 64	2
65+	2
Total	5

Influenza-Associated Deaths 2015-2016 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)



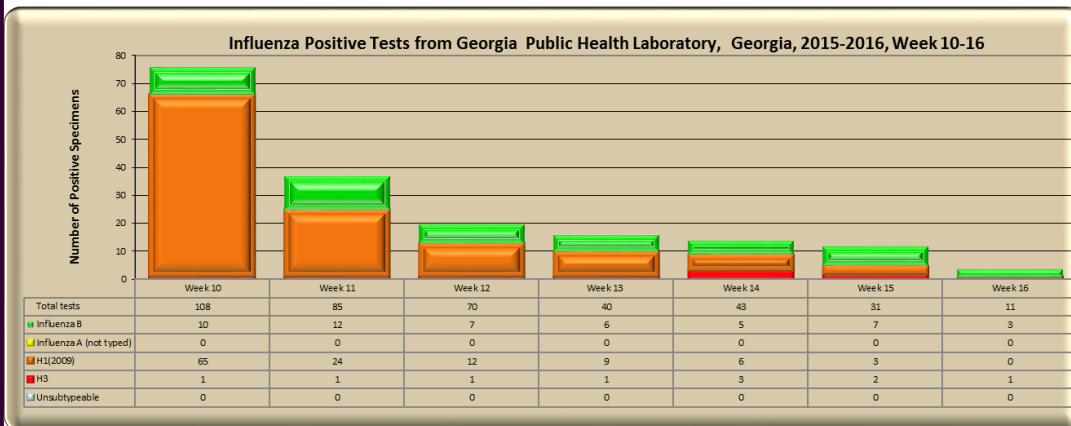
Georgia Virologic Surveillance Data

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During **week 16** Georgia clinical laboratories reporting to NREVSS tested 461 specimens for influenza, 28 (6.0%) were positive. The predominate strain identified was influenza B.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 11 specimen for influenza during **week 16**, 4 were positive for **Influenza** (1 influenza A(H3N2) and 3 influenza B).

Georgia threshold of RSV season on-set 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

