

# Georgia Weekly Influenza Report

MMWR Week 05

Updated 2/12/2016

## Week 05 (Jan. 31 - Feb. 6, 2016) Synopsis

During week 05 there was minimal influenza activity in Georgia with sporadic occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.90%**, which is **above** the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 05.
- **Metro Area Hospitalizations:** There were 7 hospitalizations due to influenza infection during week 05. There have been 61 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 2 confirmed influenza-associated death as of 2/12/2016.
- **Viral Surveillance:** Of the **566** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 05, **34 (6.01%)** were positive for influenza. Georgia Public Health Laboratory (GPHL) tested 13 specimens during week 05, none were positive for influenza.
- **Reported Influenza Outbreaks:** There were **0** influenza-related outbreaks reported to public health during week 05.
- **RSV Viral Surveillance:** Of the **361** 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 15.24%.

## Flu News

[Influenza-Related Hospitalizations and Poverty Levels - United States, 2010-2012](#)

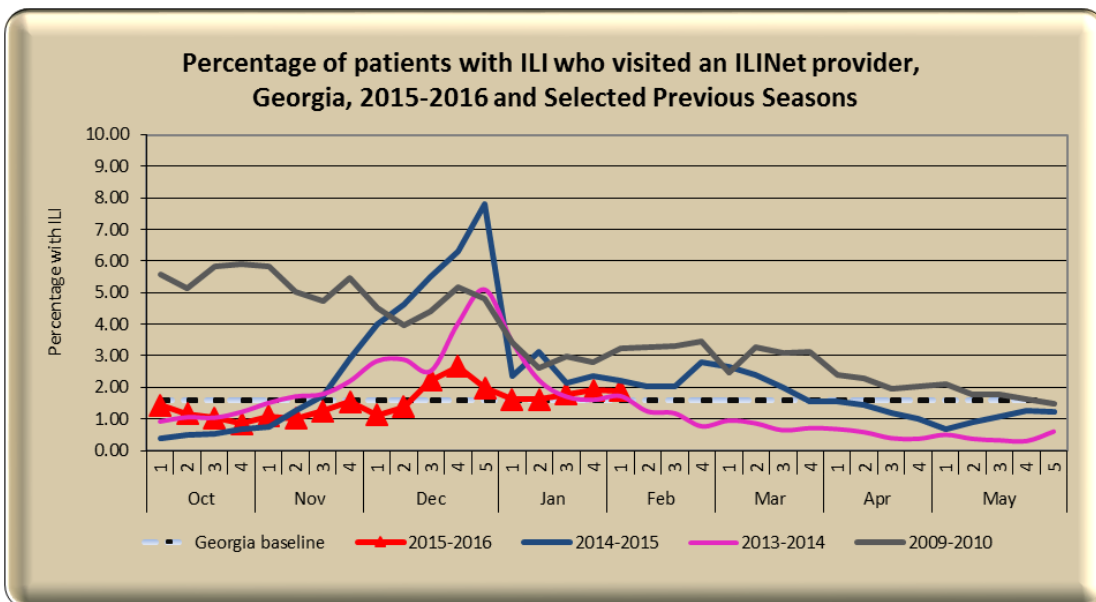
[Flu Scan: Demographics and flu hospitalization; European flu vaccine protection; Patient-doctor spread of H7N9](#)

[Flu Scan: H7N9 cases in China; European flu update; Avian flu indemnity](#)

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

**ILINet Provider Network Data**



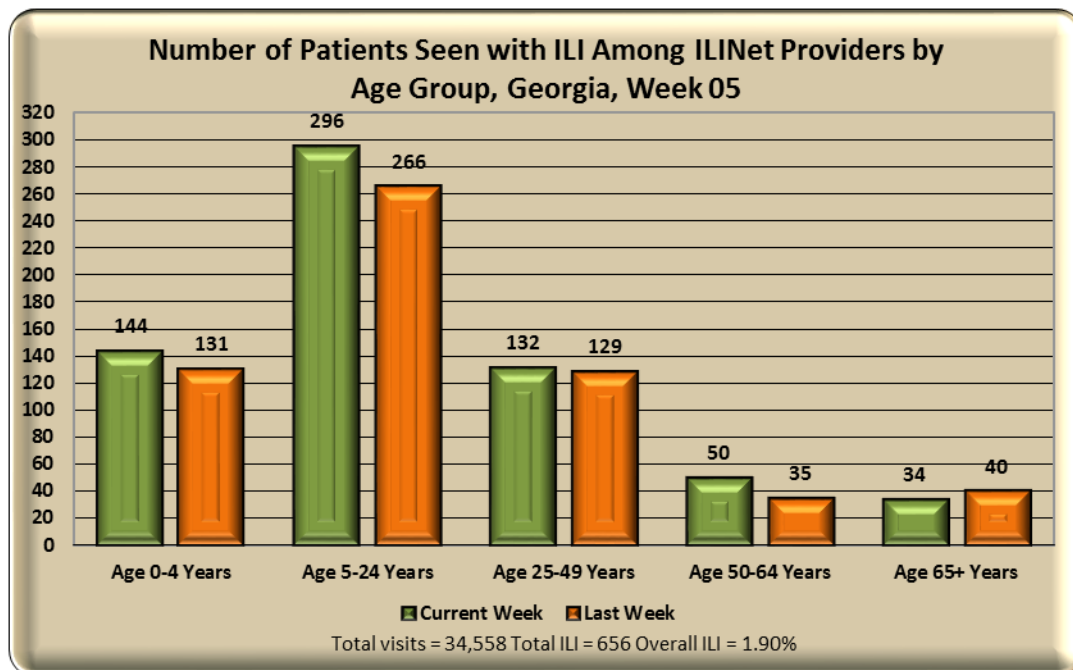
This Week: **1.90%** of patients seen in ILINet Provider offices were diagnosed with ILI.

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 05** those under 49 years of age were most often seen with ILI symptoms by ILINet providers.

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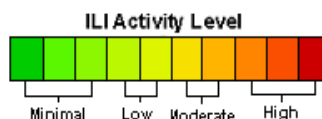
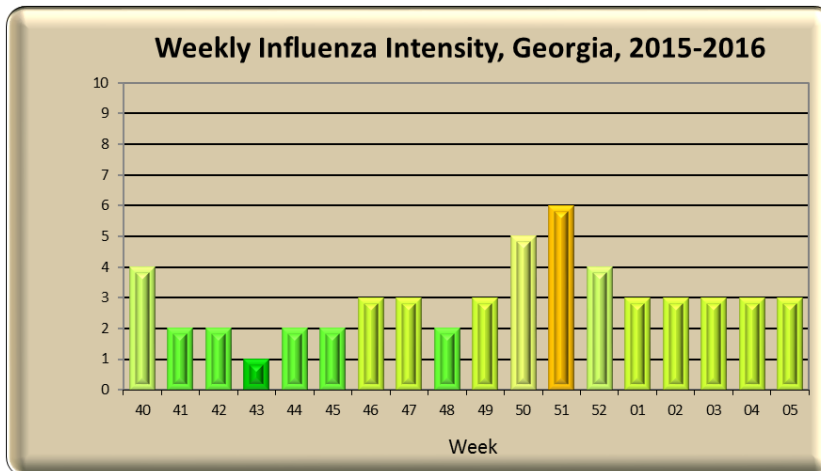
**ILI Activity Level Indicator - ILINet**

(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/>

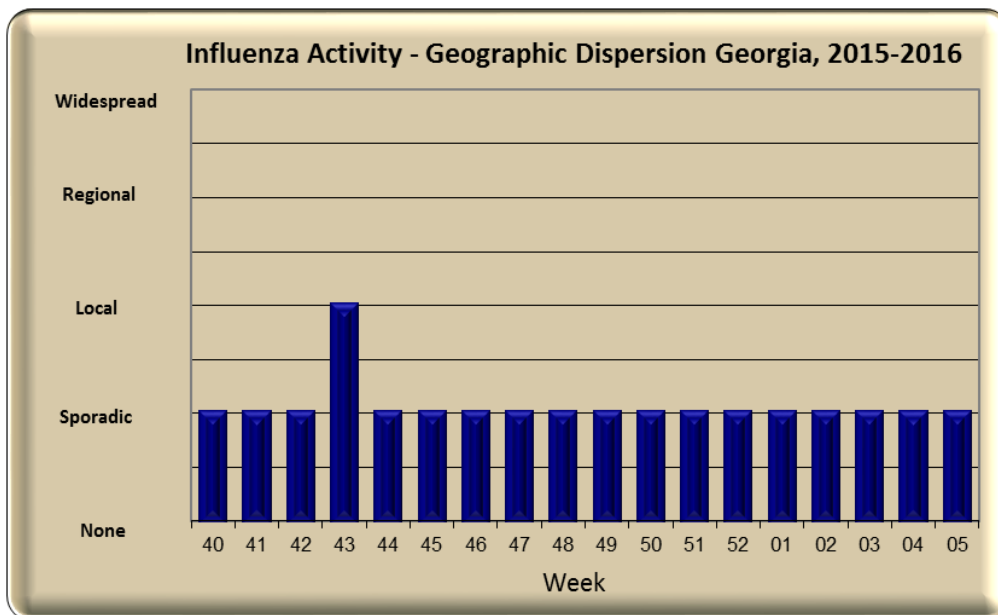
**Georgia ILI Intensity Indicator**

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: **Minimal = 3**



**Georgia ILI Geographic Dispersion**



This Week's Flu Code is:

**SPORADIC**

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.

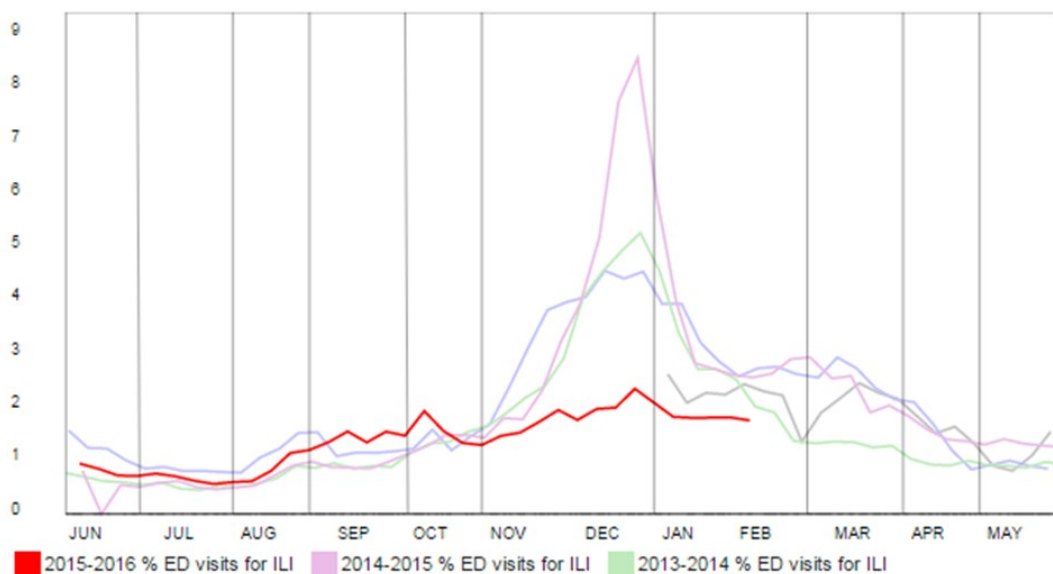
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

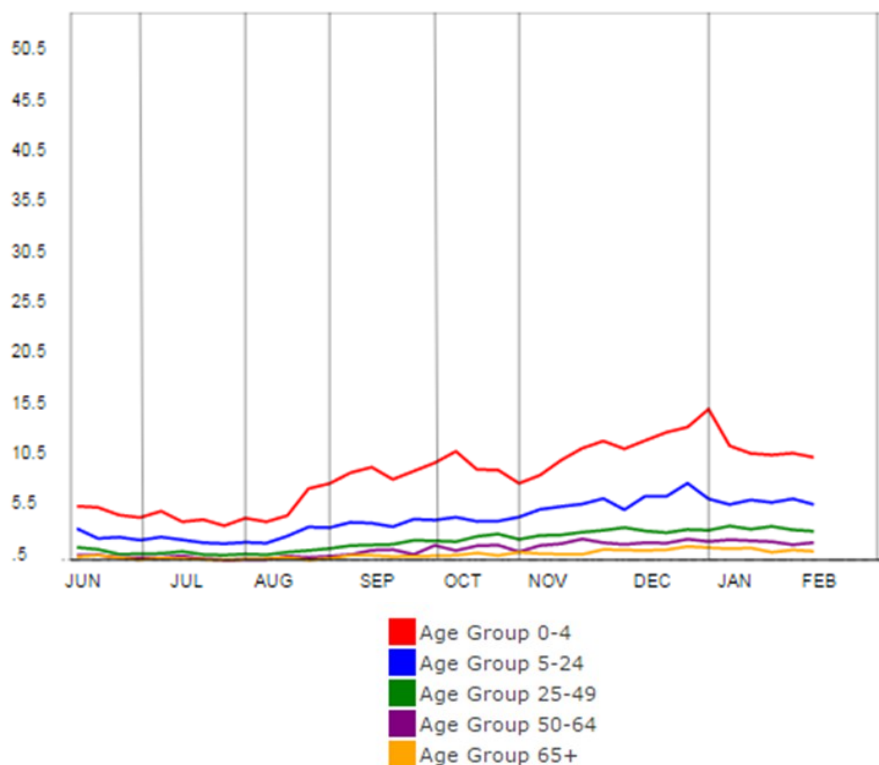
### Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 05** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system remained similar to the previous week.

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

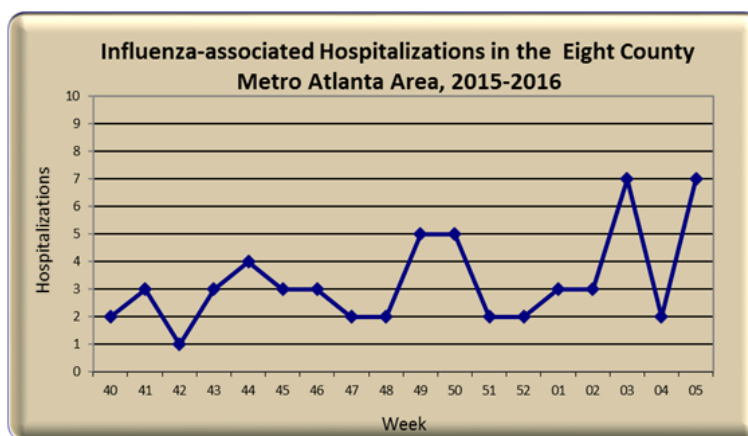
### Percentage of Patients with ILI Syndrome Visits by Age Group



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	11 (18.0%)	4.08
5 -17	2 (3.3%)	0.28
18 - 51	17 (27.9%)	0.94
51 - 64	11 (18.0%)	1.59
65+	20 (32.8%)	5.40
Total	61	1.63

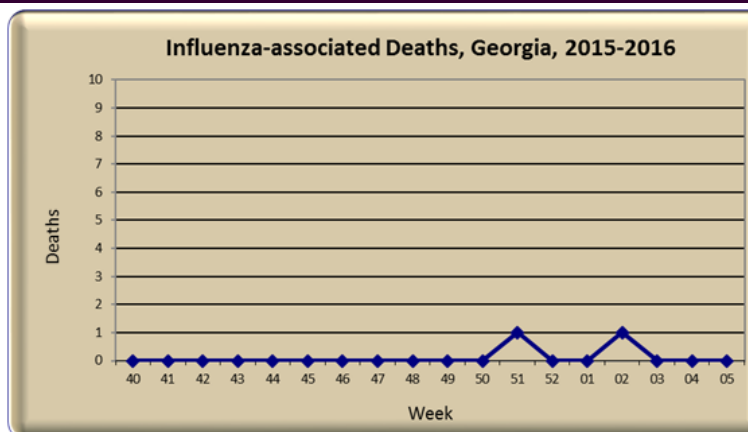
**Influenza Hospitalizations in the eight county metro Atlanta area 2015-2016** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

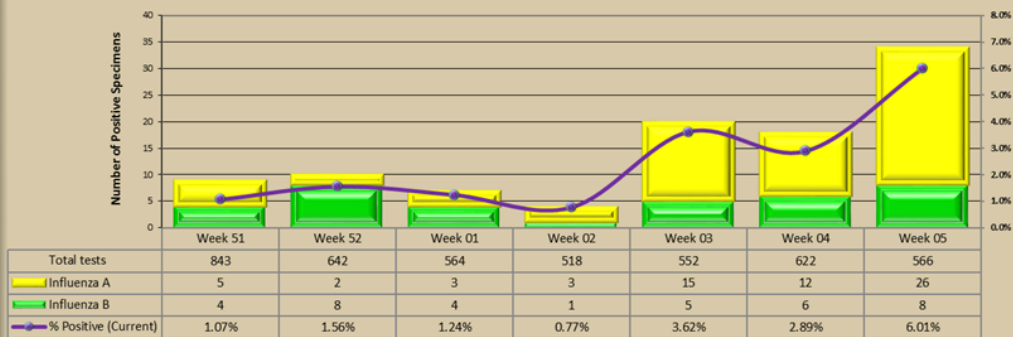
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	2
Total	2

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



### Georgia Virologic Surveillance Data

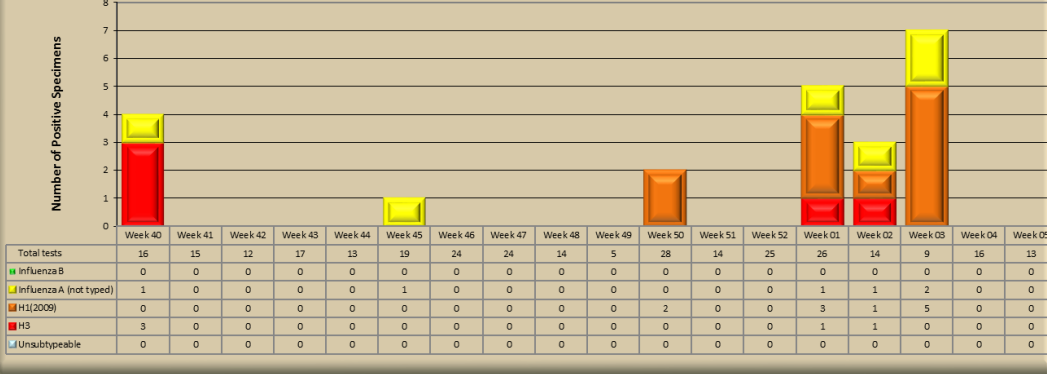
Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2015-2016, Week 51-05



During **week 05** Georgia clinical laboratories reporting to NREVSS tested 566 specimens for influenza, 34 (6.01%) were positive. The predominate strain identified was influenza A.

Note: No subtyping information will be released from clinical laboratories

Influenza Positive Tests from Georgia Public Health Laboratory, Georgia, 2015-2016, Week 40-05



Georgia Public Health Laboratory (GPHL) tested 13 specimen for influenza during **week 05**, **0 (0.%)** were positive for influenza.

### 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: ON**

### Respiratory Syncytial Virus (RSV) Surveillance Data

