

# Georgia Weekly Influenza Report

MMWR Week 06

Updated 2/19/2016

## Week 06 (Feb. 7 - Feb. 13, 2016) Synopsis

During week 06 there was low influenza activity in Georgia with regional occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.97%**, which is **above** the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **REGIONAL** during week 06.
- **Metro Area Hospitalizations:** There were 7 hospitalizations due to influenza infection during week 07. There have been 77 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 2/19/2016.
- **Viral Surveillance:** Of the **506** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 06, **33 (6.52%)** were positive for influenza. Public Health Laboratories tested 51 specimens during week 06, 14 were positive for influenza.
- **Reported Influenza Outbreaks:** There were **0** influenza-related outbreaks reported to public health during week 06.
- **RSV Viral Surveillance:** Of the **109** 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 06, the percent positive of **ALL** laboratory tests was 6.42%.

---

## Flu News

---

[Flu Scan: Jump in US flu activity; H7N9 cases in China; Avian flu outbreaks](#)

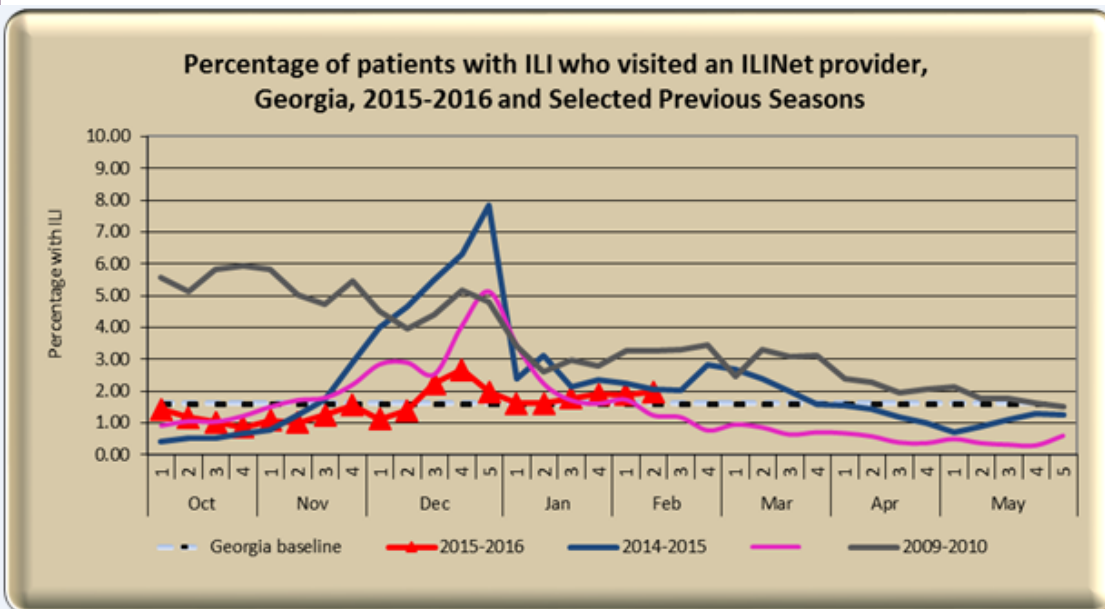
[Flu Scan: Flu antivirals in Europe; H5N1 outbreaks in Nigeria](#)

**GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH**

**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.)

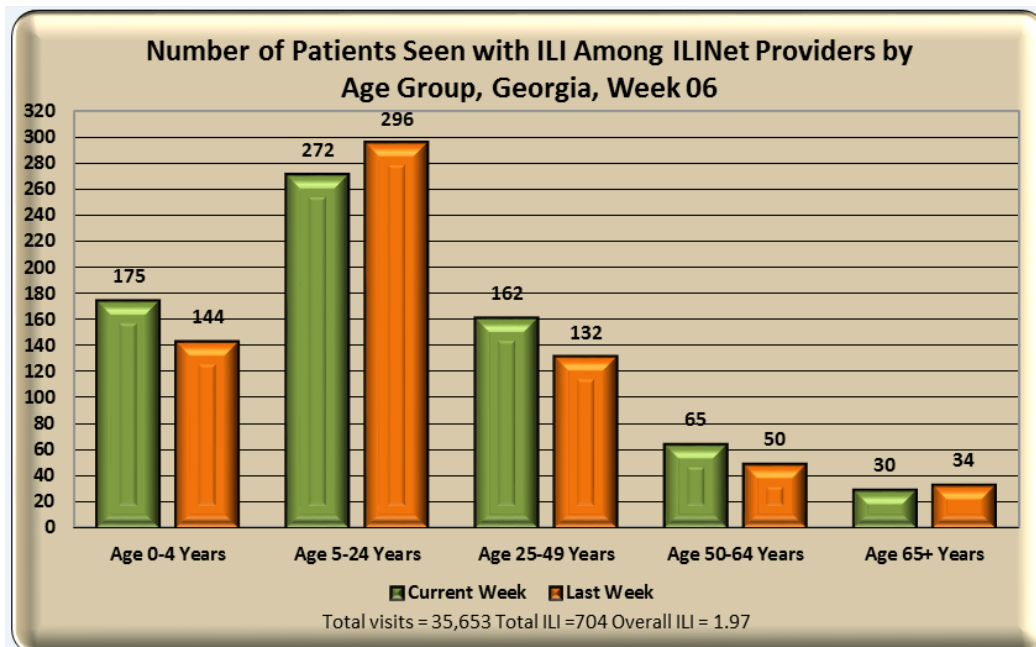
**ILINet Provider Network Data**



This Week: **1.97%** 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**



During **week 06** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

**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.

**GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH**

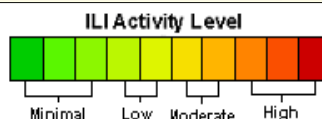
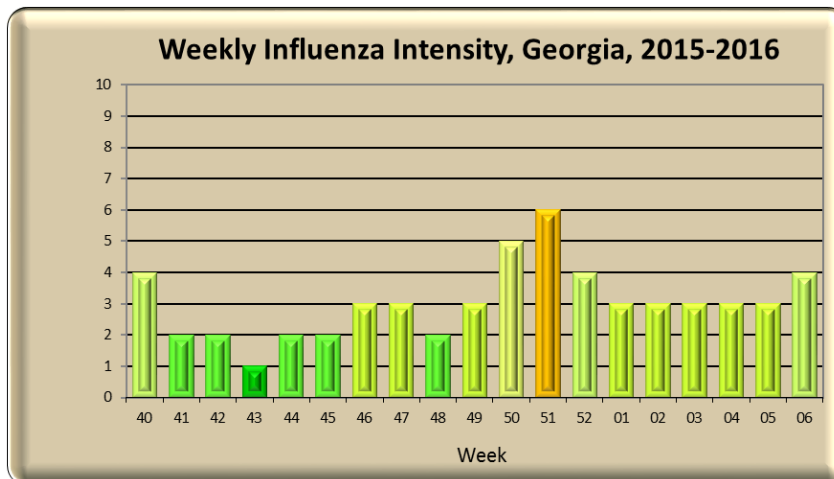
**ILI Activity Level Indicator - ILINet**

(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/>

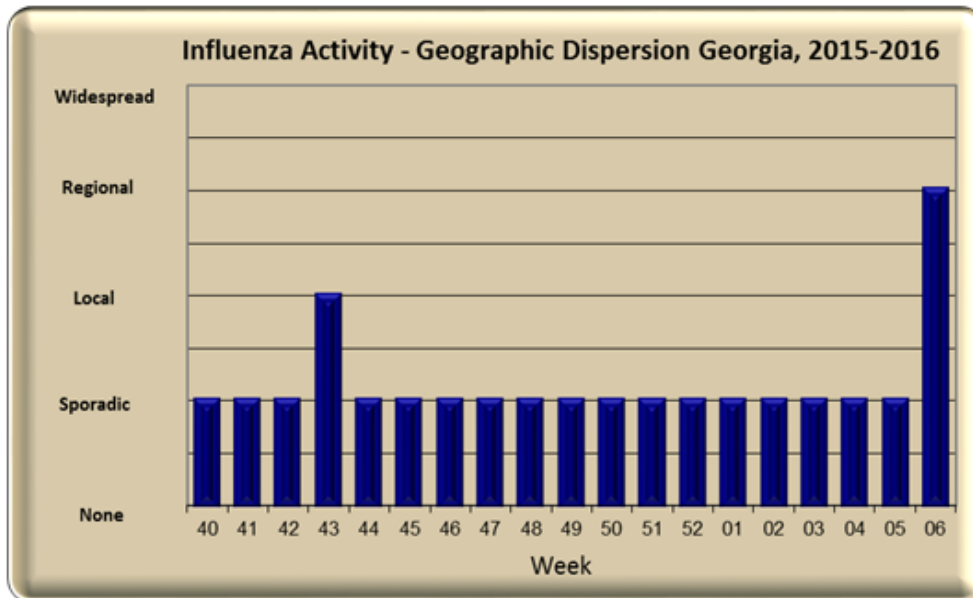
**Georgia ILI Intensity Indicator**

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:

**REGIONAL**

Regional = Outbreaks of influenza OR increases in ILI activity 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

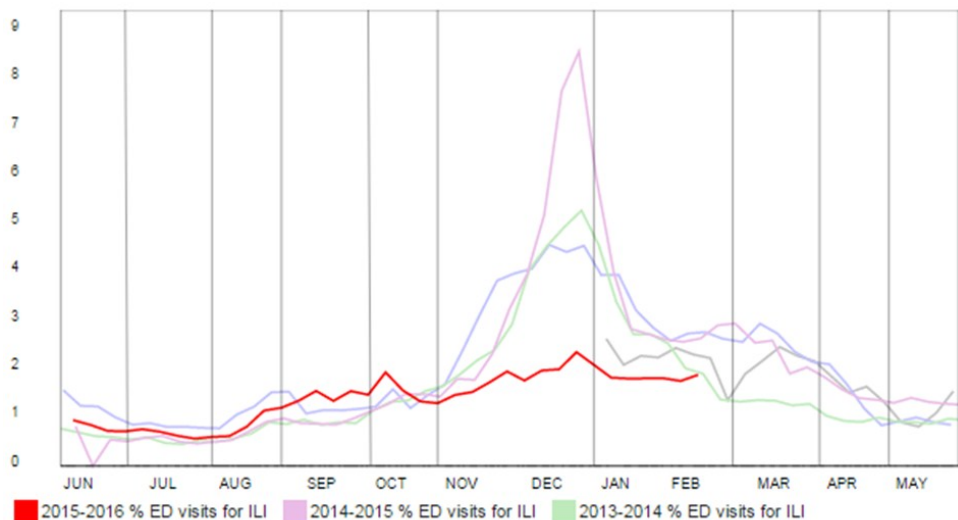
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

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

GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH

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

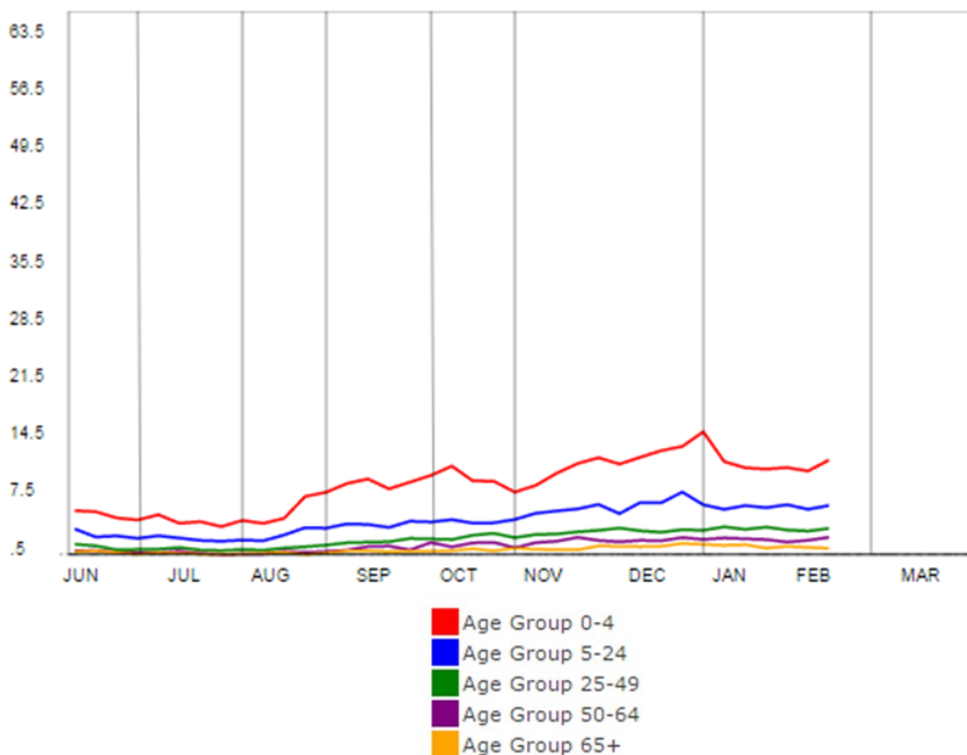
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 06** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased compared to the previous week.

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

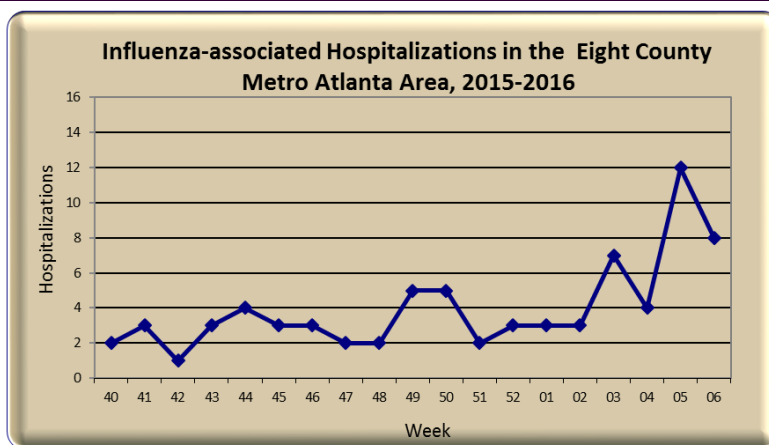
Percentage of Patients with ILI Syndrome Visits by Age Group



### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	11 (14.3%)	4.08
5 -17	25 (6.5%)	0.70
18 - 51	21 (27.3%)	1.16
51 - 64	14 (18.2%)	2.02
65+	26 (33.8%)	7.02
Total	77	2.05

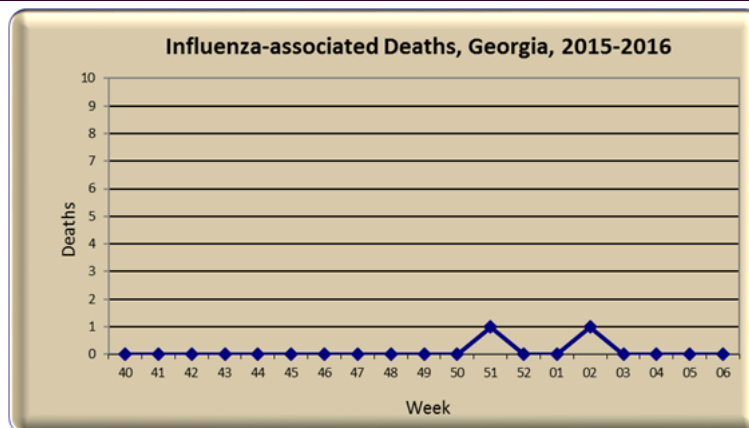
Influenza Hospitalizations in the eight county metro Atlanta area 2015-2016 (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

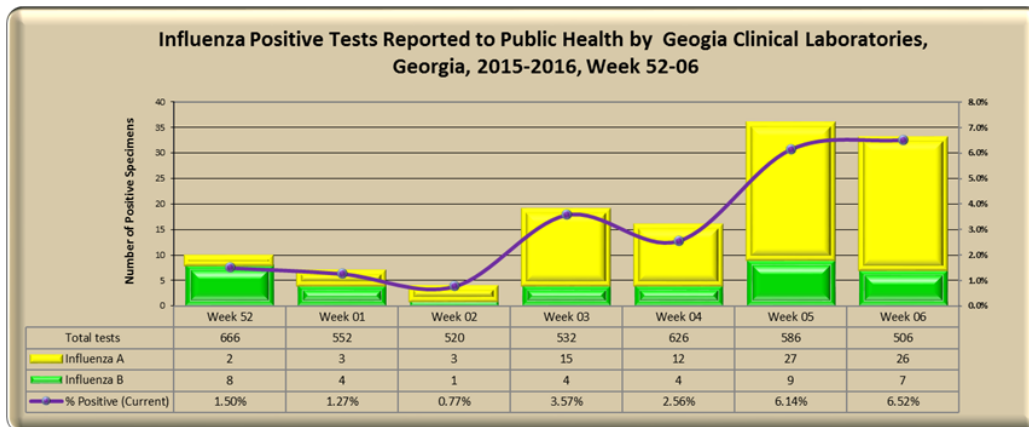
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	2
Total	2

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



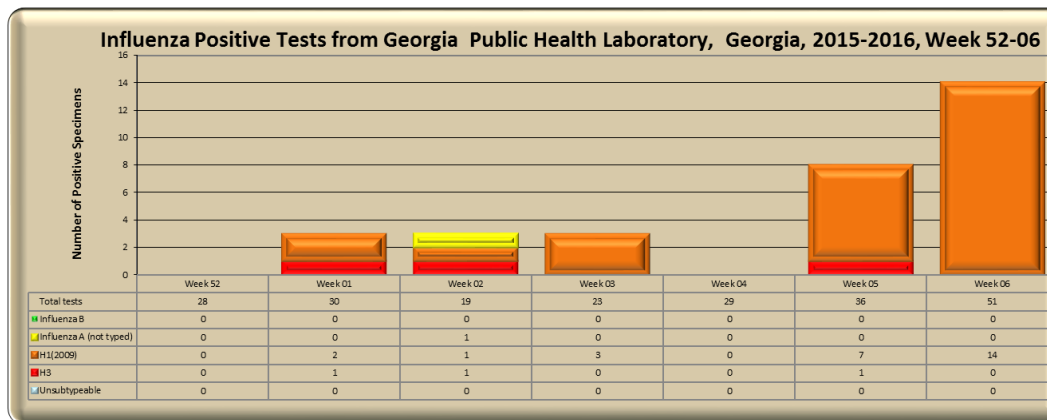
### Georgia Virologic Surveillance Data

GEORGIA  
DEPARTMENT OF  
PUBLIC HEALTH



During **week 06** Georgia clinical laboratories reporting to NREVSS tested 506 specimens for influenza, 33 (6.52%) were positive. The predominate strain identified was influenza A.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 51 specimen for influenza during **week 06**, 14 were positive for influenza all were Influenza A(H1N1)pdm09.

### 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

