

# Georgia Weekly Influenza Report

MMWR Week 10

Updated 3/18/2016

## Week 10 (Mar. 6 - Mar. 12, 2016) Synopsis

During week 10 there was high influenza activity in Georgia with widespread occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **3.54%**, which is **above** the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 10.
- **Metro Area Hospitalizations:** There were 28 hospitalizations due to influenza infection during week 10. There have been 256 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 2 confirmed deaths due to influenza. There have been 5 confirmed influenza-associated death as of 3/18/2016.
- **Viral Surveillance:** Of the **193** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 10, **233 (25.3%)** were positive for influenza. Public Health Laboratories tested 10 specimens during week 10, 7 were positive for influenza.
- **Reported Influenza Outbreaks:** There were **0** reported to public health during week 10. There have been 2 influenza-related outbreaks so far this season.
- **RSV Viral Surveillance:** Of the **184** 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 10, the percent positive of **ALL** laboratory tests was 2.2%.

## Flu News

[Most US flu indicators still climbing, CDC says](#)

[News Scan: H7N9, other novel flu cases in China; French H5N9 outbreak; PCV13 effectiveness in kids](#)

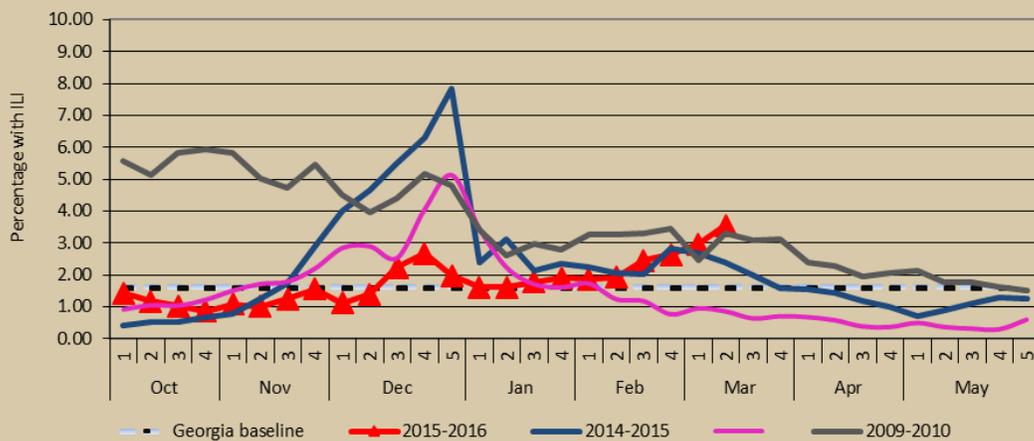
[Meta-analysis yields no clear verdict on respirators vs masks](#)

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

**ILINet Provider Network Data**

**Percentage of patients with ILI who visited an ILINet provider, Georgia, 2015-2016 and Selected Previous Seasons**

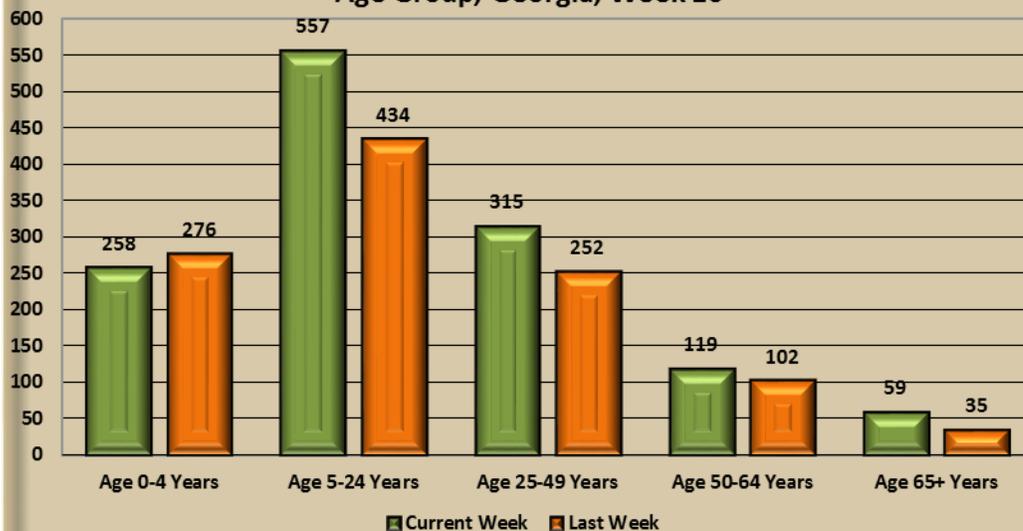


This Week: **3.54%** of patients seen in ILINet Provider offices were diagnosed with ILI.

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**

**Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 10**



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

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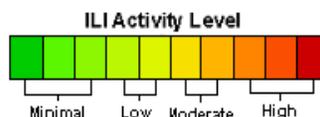
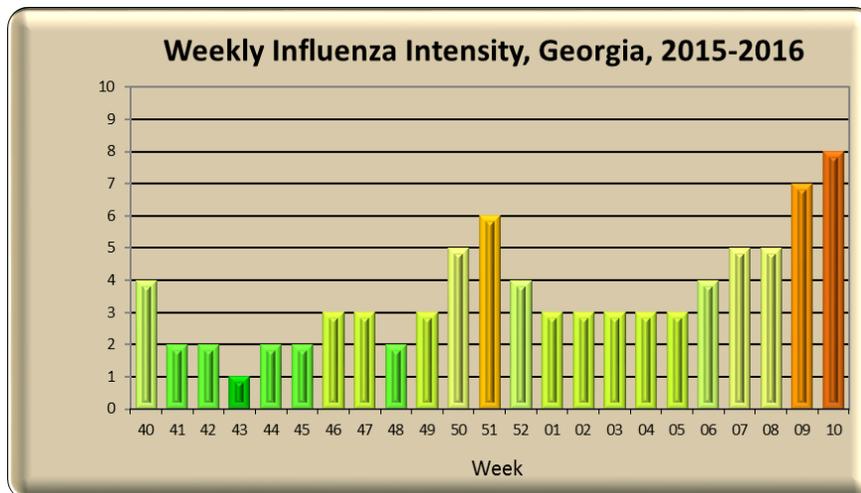
**ILI Activity Level Indicator - ILINet**

(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.

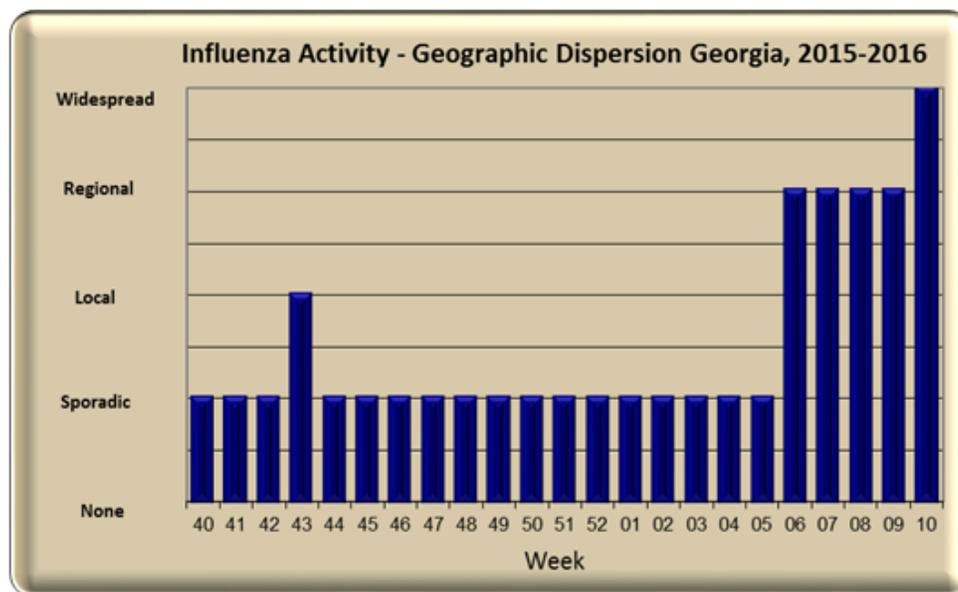
This week the intensity level is: **High = 8**



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

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

**Georgia ILI Geographic Dispersion**



This Week's Flu Code is:

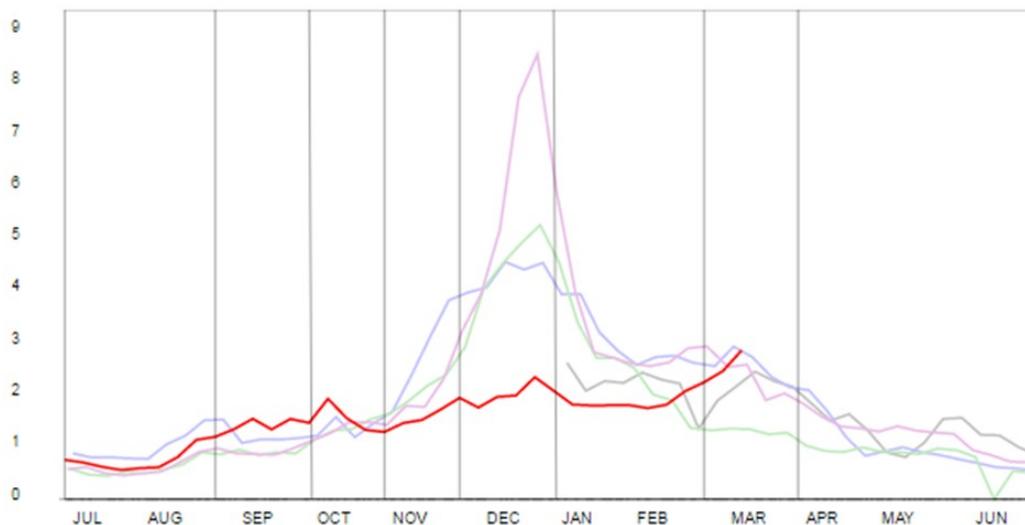
**WIDESPREAD**

Widespread = Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions AND Recent (within the past 3 weeks) lab confirmed influenza in the state

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

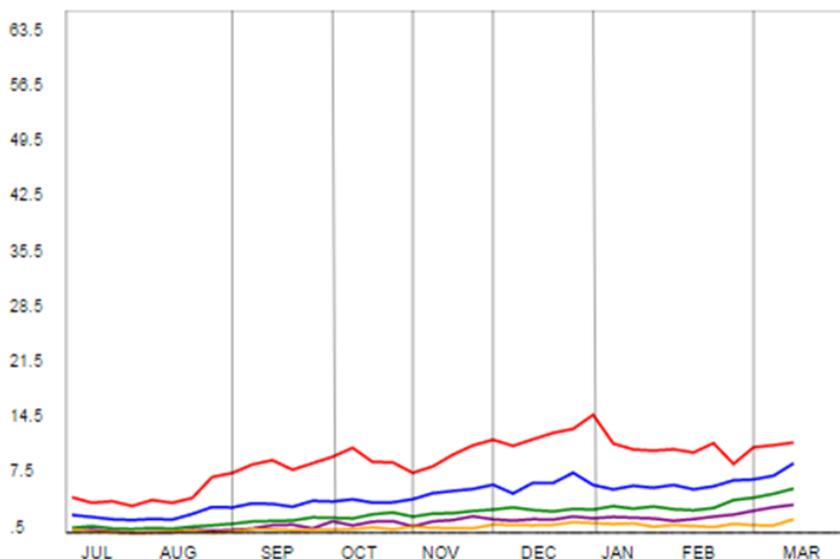
### Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 10** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased 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)

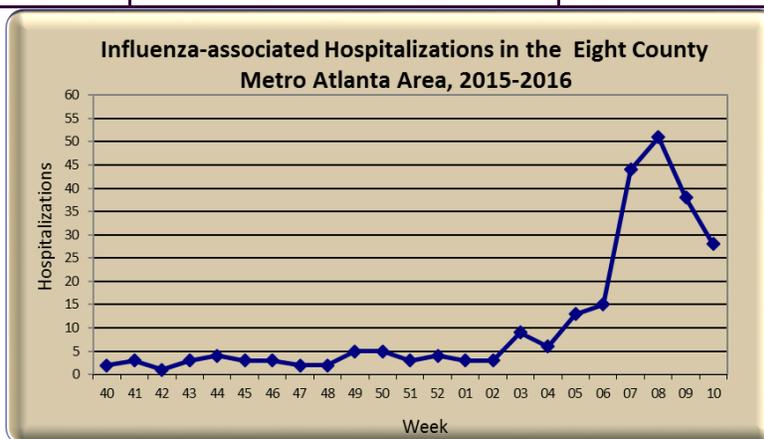


- Age Group 0-4
- Age Group 5-24
- Age Group 25-49
- Age Group 50-64
- Age Group 65+

### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	47 (18.4%)	17.44
5 -17	28 (10.9%)	3.93
18 - 51	69 (27.0%)	3.80
51 - 64	55 (21.5%)	7.93
65+	57 (22.3%)	15.39
Total	256	6.82

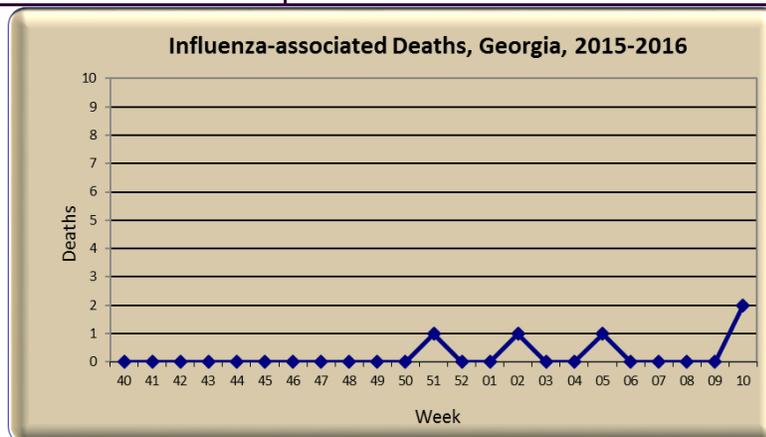
Influenza Hospitalizations in the eight county metro Atlanta area 2015-2016 (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

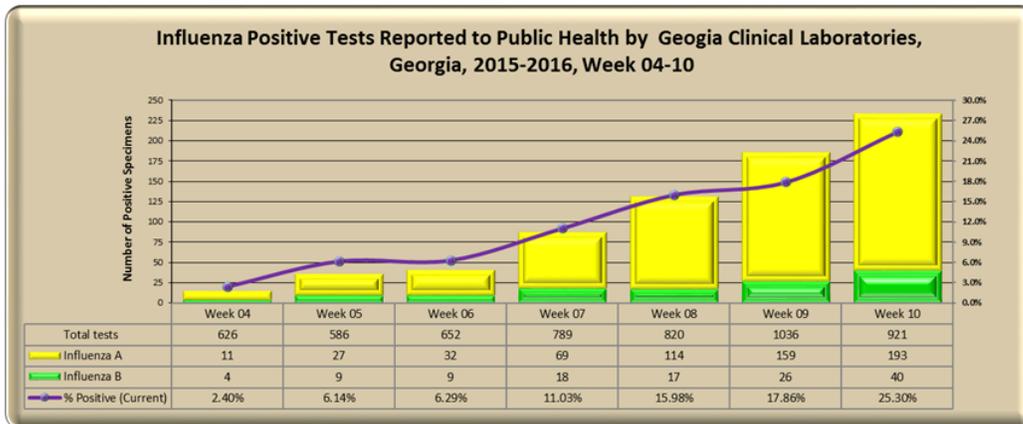
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	1
51 - 64	2
65+	2
Total	5

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



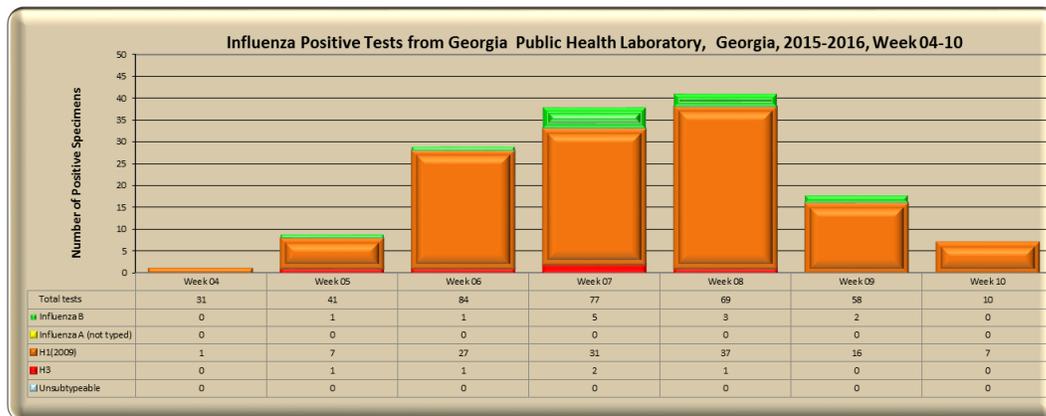
### Georgia Virologic Surveillance Data

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During **week 10** Georgia clinical laboratories reporting to NREVSS tested 193 specimens for influenza, 233 (25.3%) were positive. The predominate strain identified was influenza A.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 10 specimen for influenza during **week 10**, 7 were positive for **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

