

# Georgia Weekly Influenza Report

MMWR Week 12

Updated 4/3/2015

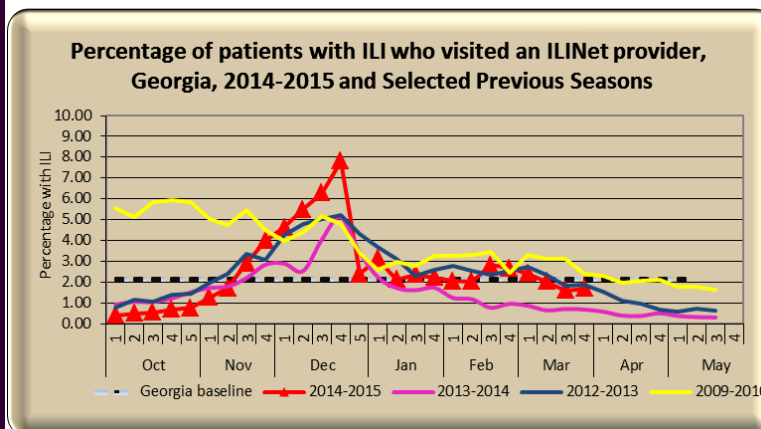
## Week 12 (Mar. 22 - Mar. 28, 2015) Synopsis

During week 12 there was local influenza activity in Georgia with minimal occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 1.70%, which is below the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **LOCAL** during week 12.
- **Metro Area Hospitalizations:** There were **10 hospitalizations** due to influenza infection during week 12. There have been **1,286** hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed influenza-associated death during week 12. There have been **28** confirmed influenza-associated deaths as of 4/3/2015.
- **Reported Influenza Outbreaks:** There were 0 influenza-associated outbreaks during week 12. There have been **34** influenza-related outbreaks so far this season.
- **Viral Surveillance:** Of the **340** 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 12, **25 (7.35%)** were positive for influenza.
- **RSV Viral Surveillance:** Of the **272** 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 12, the percent positive of **ALL** laboratory confirmed tests was **9.19%**.

## ILINet Provider Network Data

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



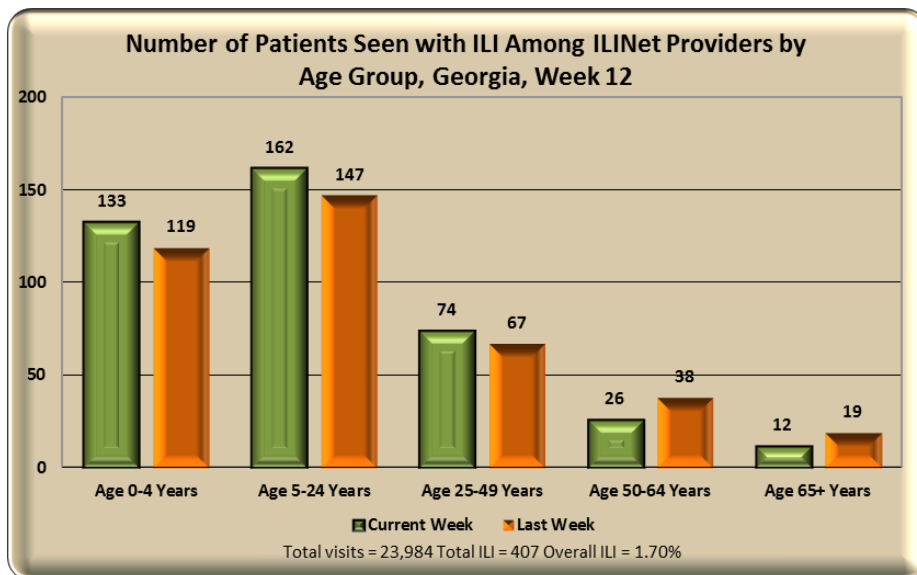
This Week: **1.70%** of patients seen in ILINet Provider offices were diagnosed with ILI.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.

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**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.

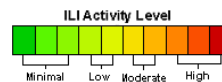


During **week 12** those aged 0 to 24 years were most often seen with ILI symptoms by ILINet providers.

**ILI Activity Level Indicator - ILINet**

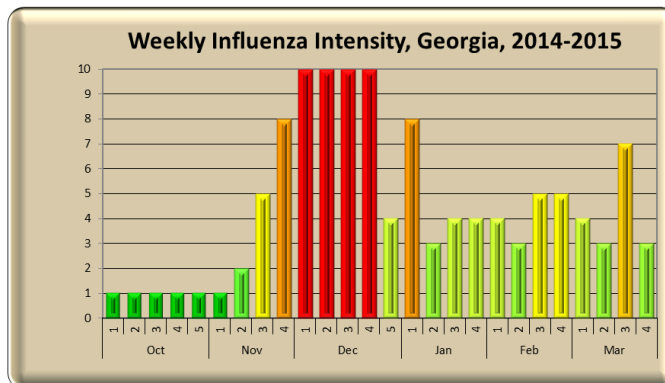
(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>

**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**

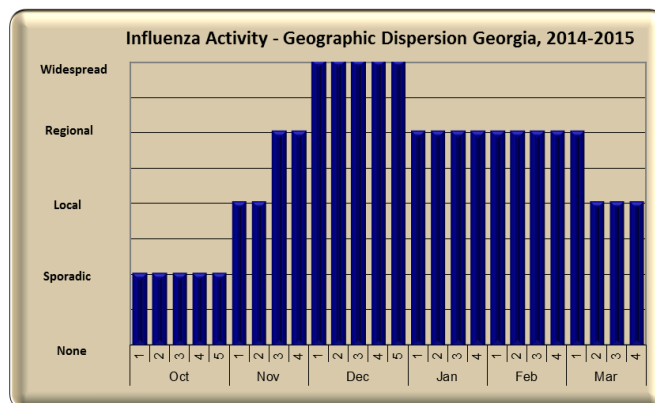
This Week's Flu Code is:

**LOCAL**

Local = Outbreaks of influenza

OR

Increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state



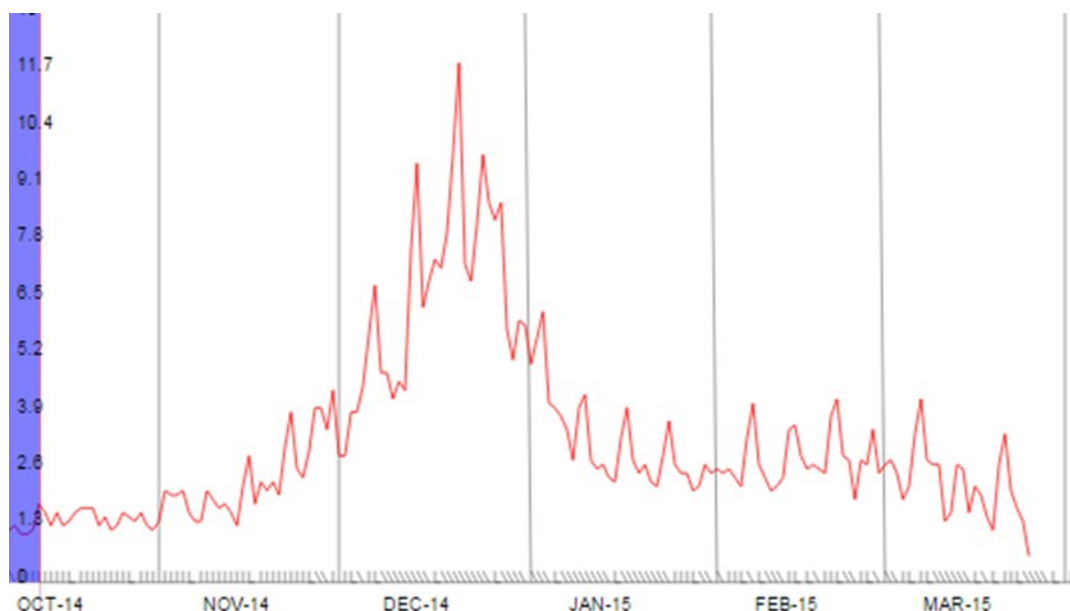
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

### Daily Percent of ILI Syndrome Visits to Georgia Emergency

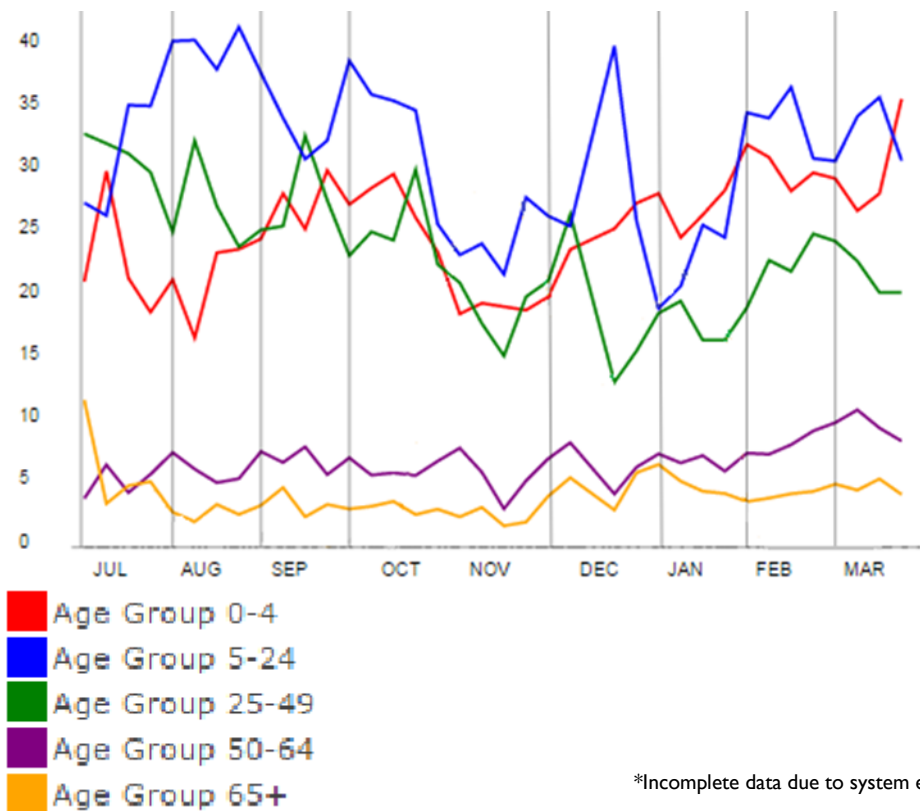


During **week 11\*** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased. Due to computer

\*Incomplete data due to system error

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

### Weekly Percent of ILI Syndrome Visits by Age Group



\*Incomplete data due to system error

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**Influenza Hospitalizations in the eight county metro Atlanta area 2014-2015** (Emerging Infections Program data)

**Influenza-Associated Deaths 2014-2015 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)

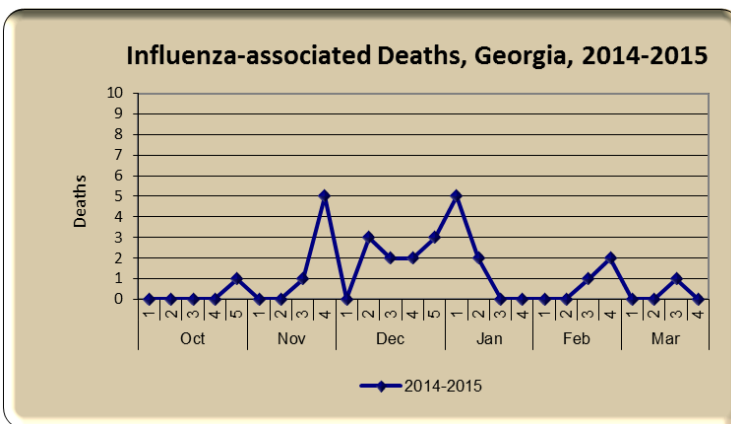
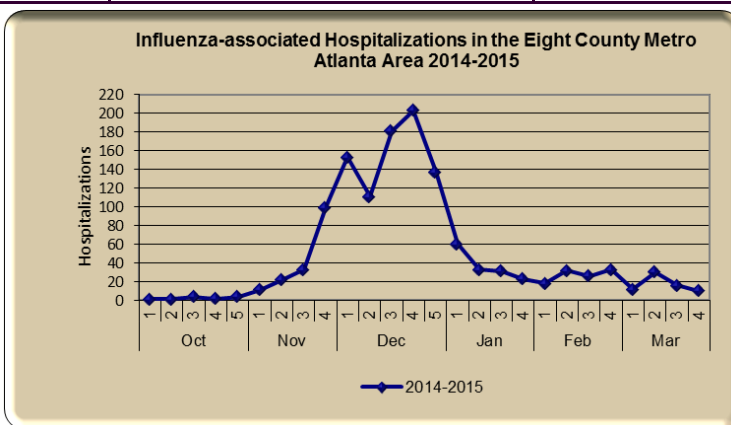
**Influenza-Associated hospitalizations in the eight-county metro Atlanta area** (Emerging Infections Program data)

**Influenza-Associated deaths reported to Public Health**

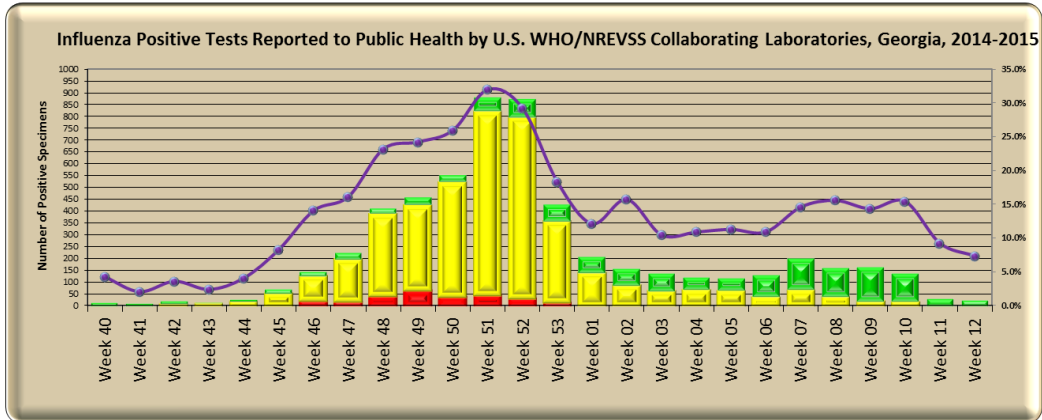
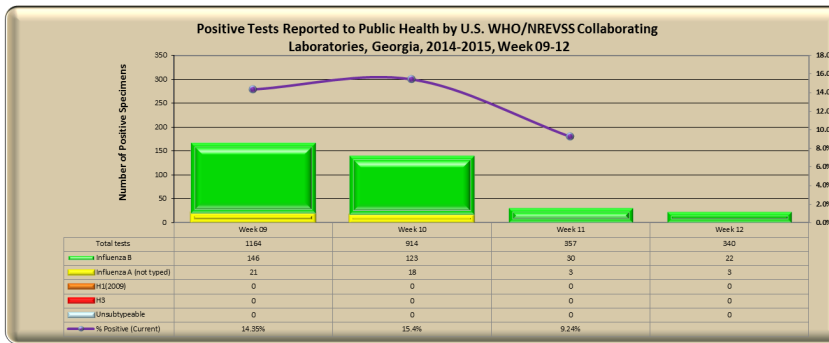
## Georgia Influenza-Associated Hospitalizations and Deaths

	<b>Number of Hospitalizations (8- County Metro-Area Only)</b>	<b>Hospitalization Rate (Cases/100,000 people)</b>
0 - 4	99 (7.7%)	<b>36.74</b>
5 -17	119 (9.3%)	<b>16.69</b>
18 - 49	226 (17.6%)	<b>12.43</b>
50 - 64	199 (15.5%)	<b>28.69</b>
65+	643 (50.0%)	<b>173.62</b>
Total	1,286 (For confirmation, these data are delayed)	<b>34.26</b>

<b>Age Group</b>	<b>Number of Deaths</b>	
0 - 4	1	
5 -17	0	
18 - 49	5	
50 - 64	3	
65+	19	
Total	28 (death data includes all confirmed influenza-associated deaths, 9/29/2014-4/3/2015)	

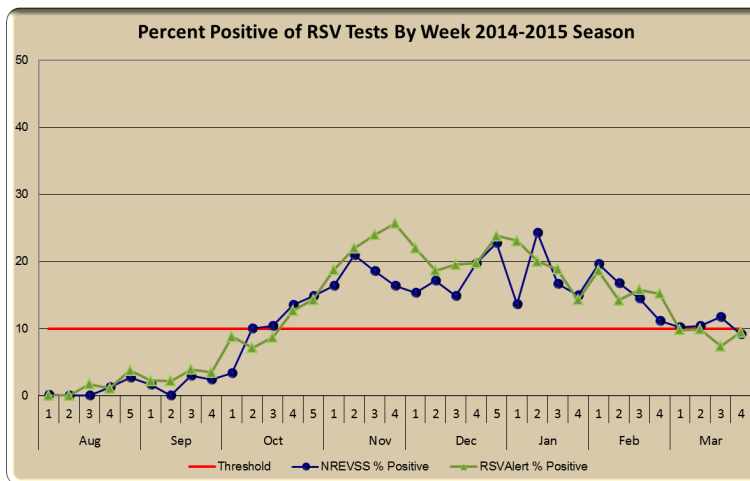


### Georgia Virologic Surveillance Data



**Note:** Includes rapid tests reported from reference Laboratories and the Georgia Public Health Laboratory; not all positive laboratory results for influenza are reported to Public Health.

### Respiratory Syncytial Virus (RSV) Surveillance Data



### Flu News

**Flu Scan: More H5N2 in Minnesota; Intercontinental H5N8 viruses; US flu season persists**

**As Flu continues to ebb, CDC probes reports of rashes**

**News Scan: Saudi MERS cases; Adjuvanted anthrax vaccine; TB drug availability; Global flu situation**

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**GA DPH on the web !**  
<http://dph.georgia.gov/>

### 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: ON**

