

# Georgia Weekly Influenza Report

MMWR Week 51

Updated 12/30/2014

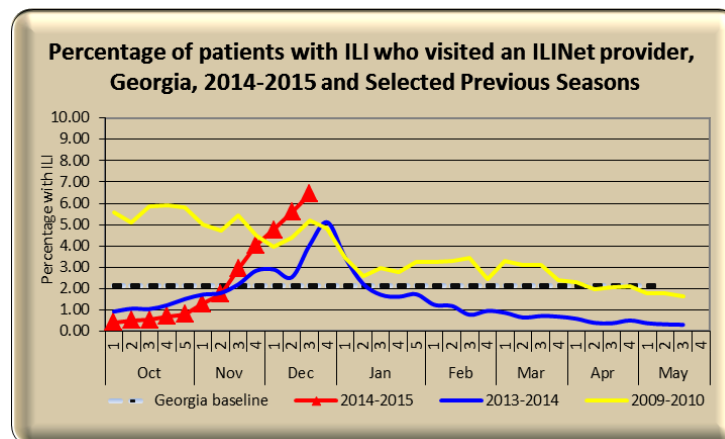
## Week 51 (Dec.14 - Dec. 20, 2014) Synopsis

During week 51 there was widespread influenza activity in Georgia with high occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 6.44%, which is above the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 51.
- **Metro Area Hospitalizations:** There were **88** hospitalizations due to influenza infection during week 51. There have been **459** hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There have been **3** confirmed influenza-associated deaths during week 51. There have been **12** confirmed influenza-associated deaths as of 12/30/2014.
- **Viral Surveillance:** Of the **1,297** 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 51, **340 (26.21%)** were positive for influenza.
- **Reported Influenza Outbreaks:** There were 6 influenza-related outbreaks reported to public health during week 51 and 6 influenza-related outbreaks reported in week 52. There have been **25** influenza-related outbreaks so far this season.
- **RSV Viral Surveillance:** Of the **568** 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 51, the percent positive of **ALL** laboratory confirmed tests was **17.10%**.

## 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 **21** ILINet providers reporting in Georgia.)



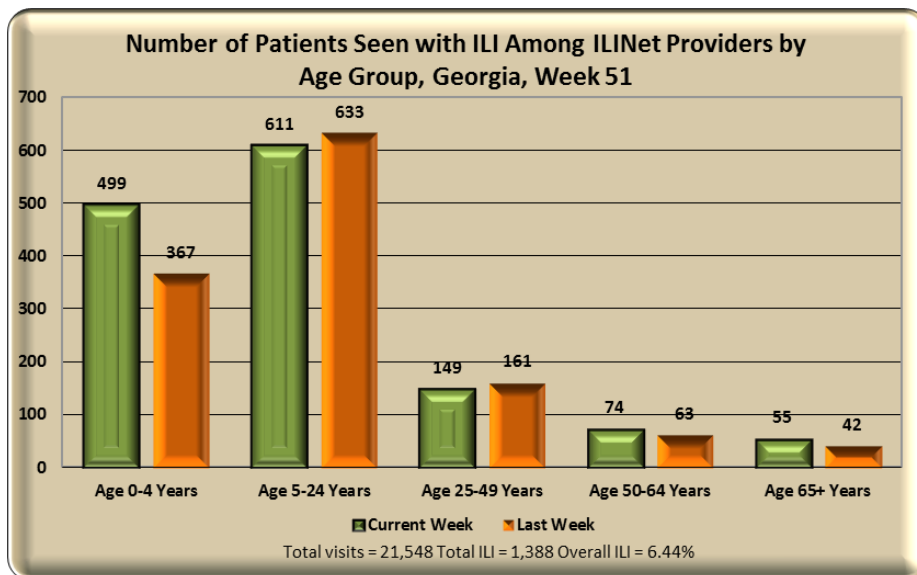
This Week: **6.44%** of patients seen in ILINet Provider offices were diagnosed with ILI.

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.

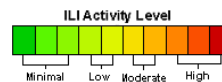


During week 51 those aged 0 to 24 years were most often seen with ILI symptoms by ILINet providers.

**ILI Activity Level Indicator - ILINet**

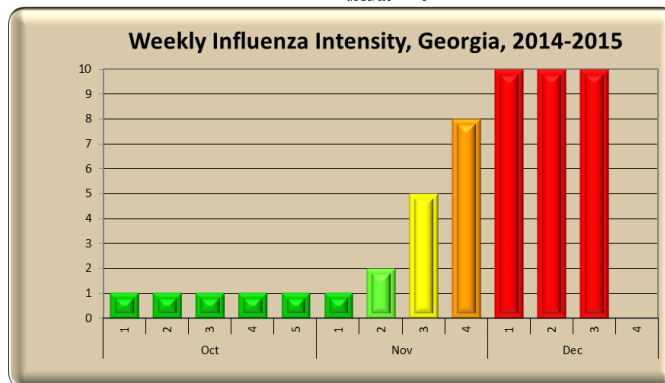
(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>

**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:  
**High = 10**



**Georgia ILI Geographic Dispersion**

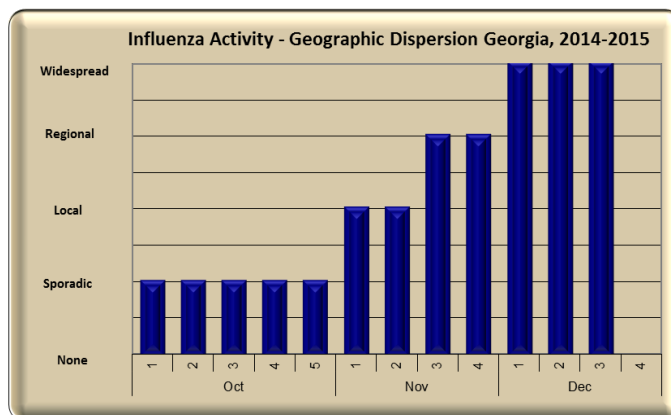
This Week's Flu Code is:

**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



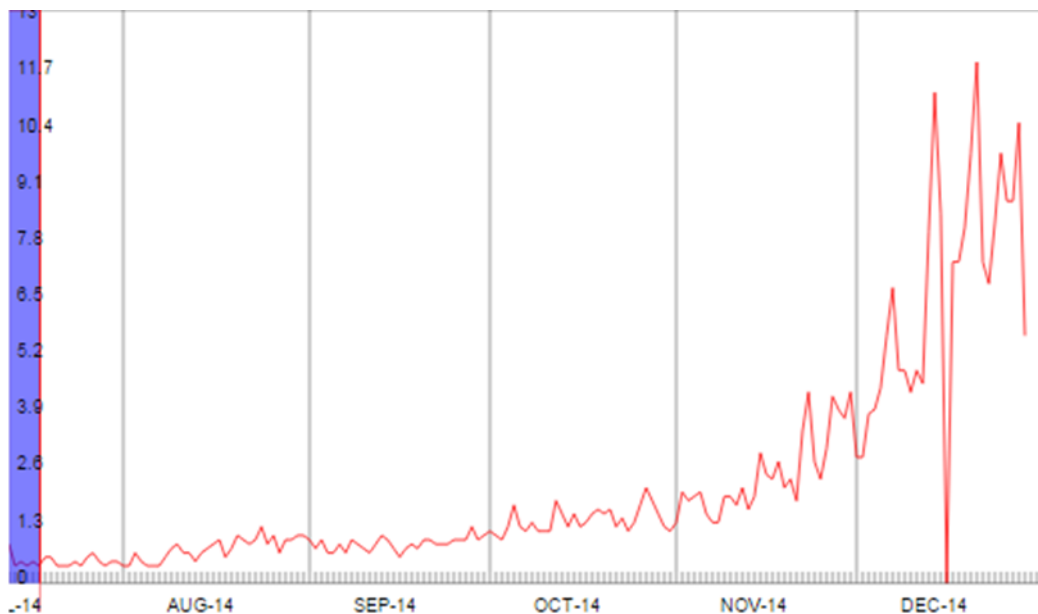
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

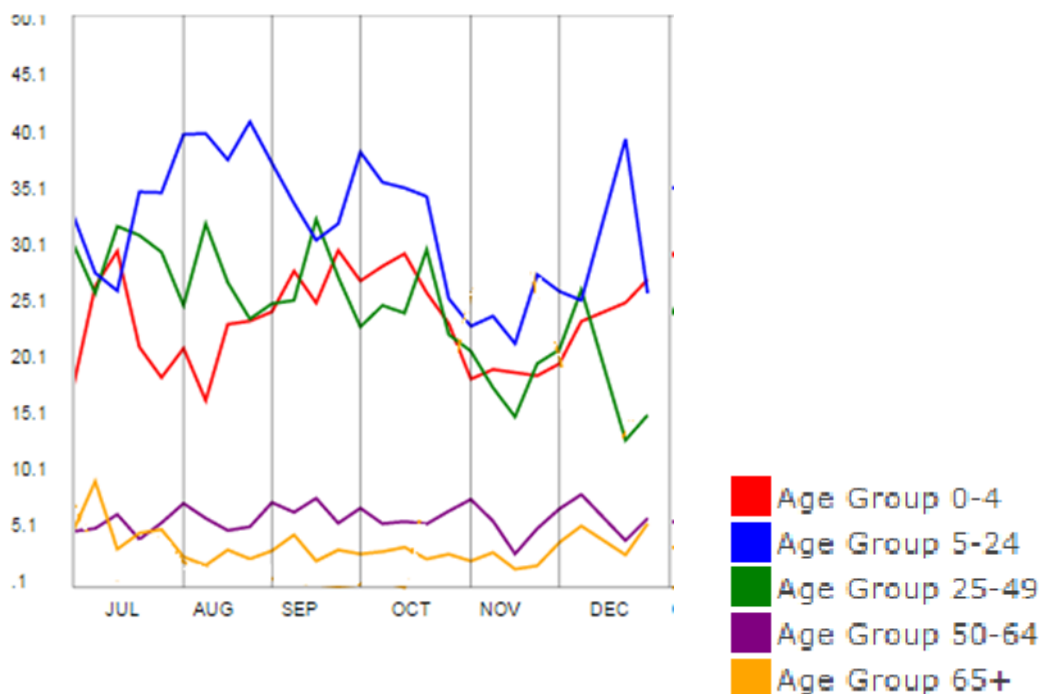
### Daily Percent of ILI Syndrome Visits to Georgia Emergency



During **week 51** the daily 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)

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



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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)

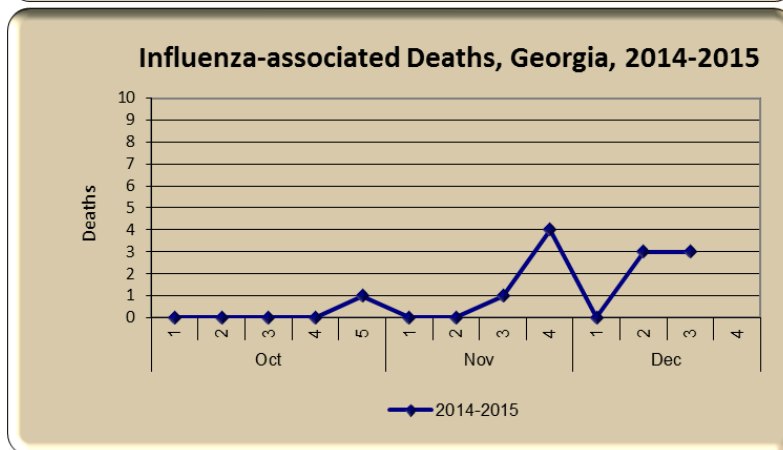
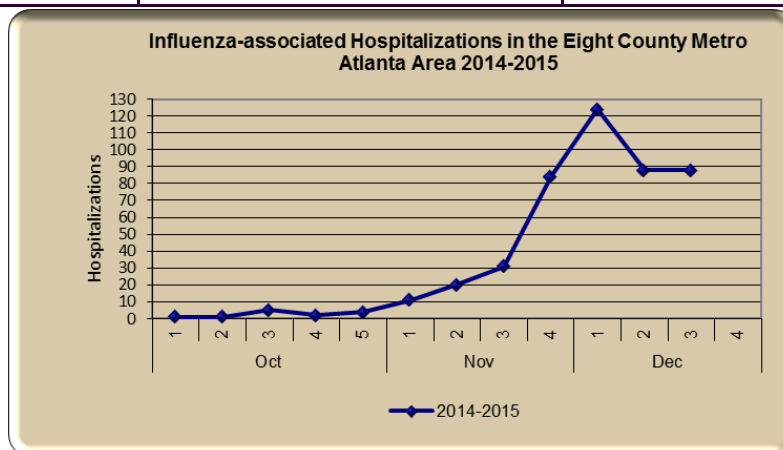
**Influenza-Associated hospitalizations in the eight-county metro Atlanta area** (Emerging Infections Program data)

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

## Georgia Influenza-Associated Hospitalizations and Deaths

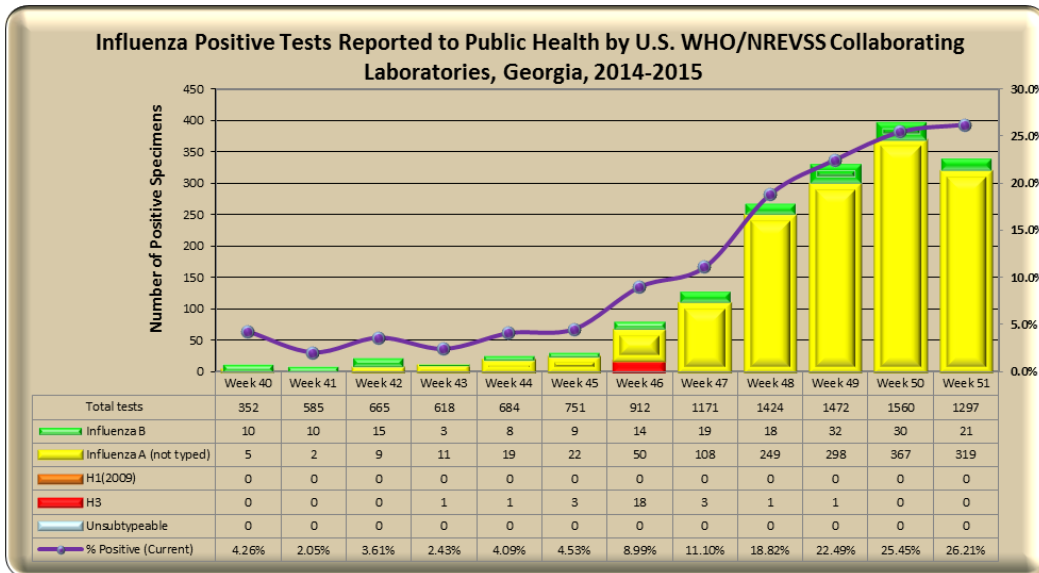
	<b>Number of Hospitalizations (8- County Metro-Area Only)</b>	<b>Hospitalization Rate (Cases/100,000 people)</b>
0 - 4	52 (11.3%)	<b>19.30</b>
5 -17	68 (14.8%)	<b>9.54</b>
18 - 49	96 (20.9%)	<b>5.28</b>
50 - 64	55 (12.0%)	<b>7.93</b>
65+	188 (41.0%)	<b>50.76</b>
<b>Total</b>	459 (For confirmation, these data are delayed)	<b>12.23</b>

<b>Age Group</b>	<b>Number of Deaths</b>	
0 - 4	1	
5 -17	0	
18 - 49	1	
50 - 64	2	
65+	8	
<b>Total</b>	12 (death data includes all confirmed influenza-associated deaths, 9/29/2014-12/19/2014)	



## Georgia Virologic Surveillance Data

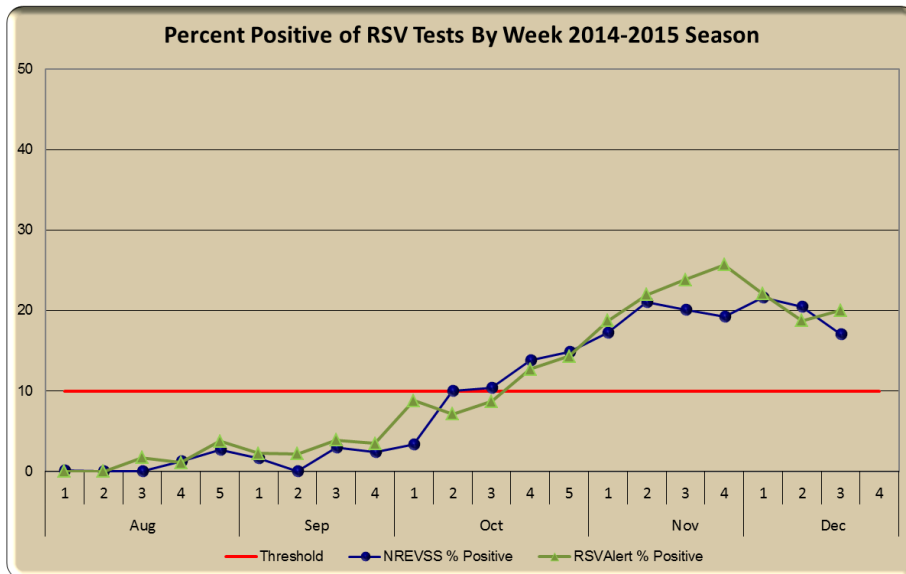
Influenza Positive Tests Reported to Public Health by U.S. WHO/NREVSS Collaborating Laboratories, Georgia, 2014-2015



**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

Percent Positive of RSV Tests By Week 2014-2015 Season



### 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**

### Flu News

[Find influenza vaccine providers in your area](#)

[CDC Health Advisory Regarding the Potential for Circulation of Drifted Influenza A \(H3N2\) Viruses](#)

[Flu Scan: Flu keeps rising in US; H5N1 cases in Egypt; H7N9 cases in China region; Avian flu in 4 counties](#)

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