

# Georgia Weekly Influenza Report

MMWR Week 04

Updated 1/31/2014

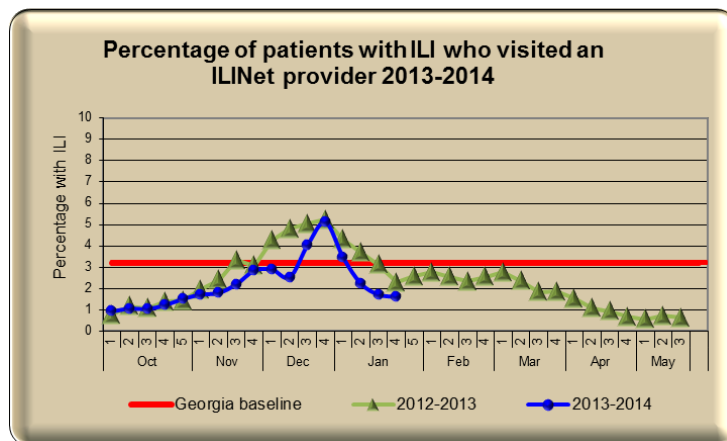
## Week 04 (Jan. 19, 2014—Jan. 25, 2014) Synopsis

During week 04 there was regional influenza activity in Georgia with minimal occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.61%**, which is below the Georgia baseline of 3.2%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **Regional** during week 04.
- **Metro Area Hospitalizations:** There were 7 hospitalizations due to influenza infection in week 04. There have been 691 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There have been no confirmed influenza-associated deaths during week 04; this information is delayed due to unfortunate weather conditions. There have been **37** confirmed influenza-associated deaths so far this season.
- **Viral Surveillance:** Of the **1,037** 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 04, **97 (9.4%)** were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 influenza-related outbreak reported to public health during week 04. There has been 1 influenza-related outbreak reported to public health so far this season.
- **RSV Viral Surveillance:** Of the 317 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 04, 9.1 percent were positive for Respiratory syncytial virus, **below the season onset threshold of 10.0%**.

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



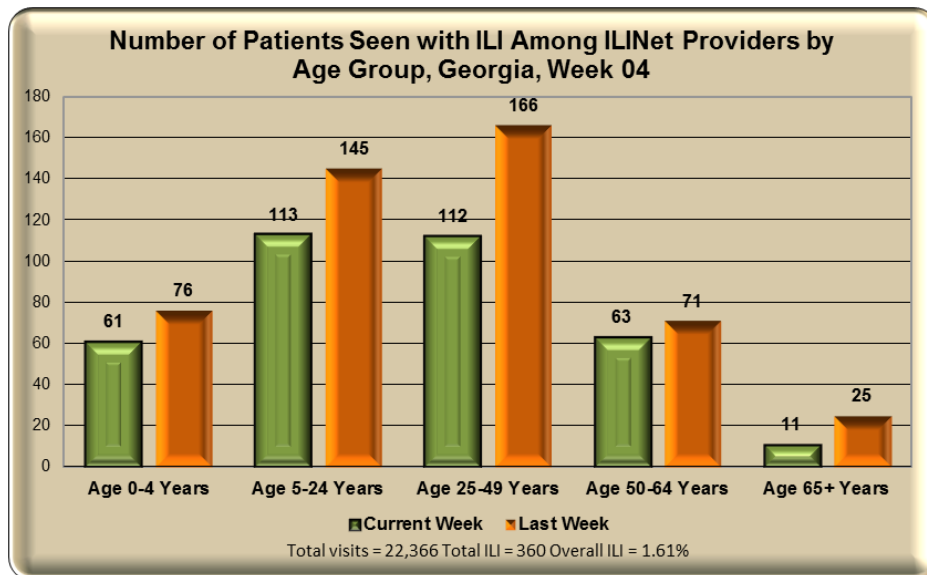
This Week: **1.61%** of patients seen in ILINet Provider offices were diagnosed with ILI.

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.



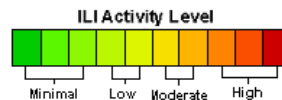
During week 04 those aged 5 to 49 years were most often seen with ILI symptoms by ILINet providers.

**ILI Activity Level Indicator - ILINet**

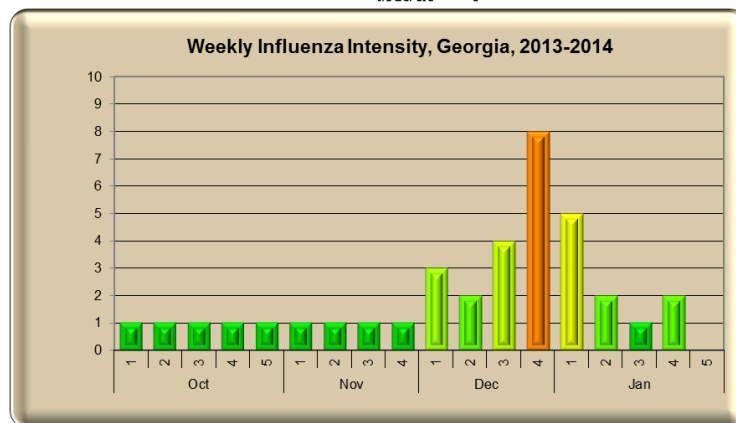
(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>

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 = 2**



**Georgia ILI Intensity Indicator**



**Georgia ILI Geographic Dispersion**

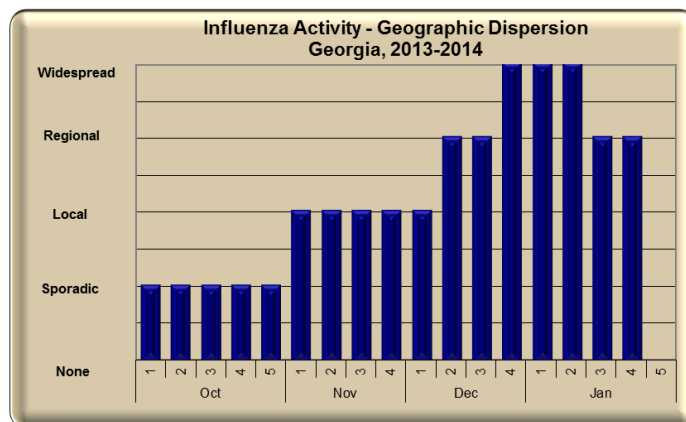
This Week's Flu Code is:

**REGIONAL**

Regional = Outbreaks of influenza

OR

Increases in ILI cases and recent laboratory-confirmed influenza in at least two but less than half of the regions of the state with recent laboratory evidence of influenza in those regions



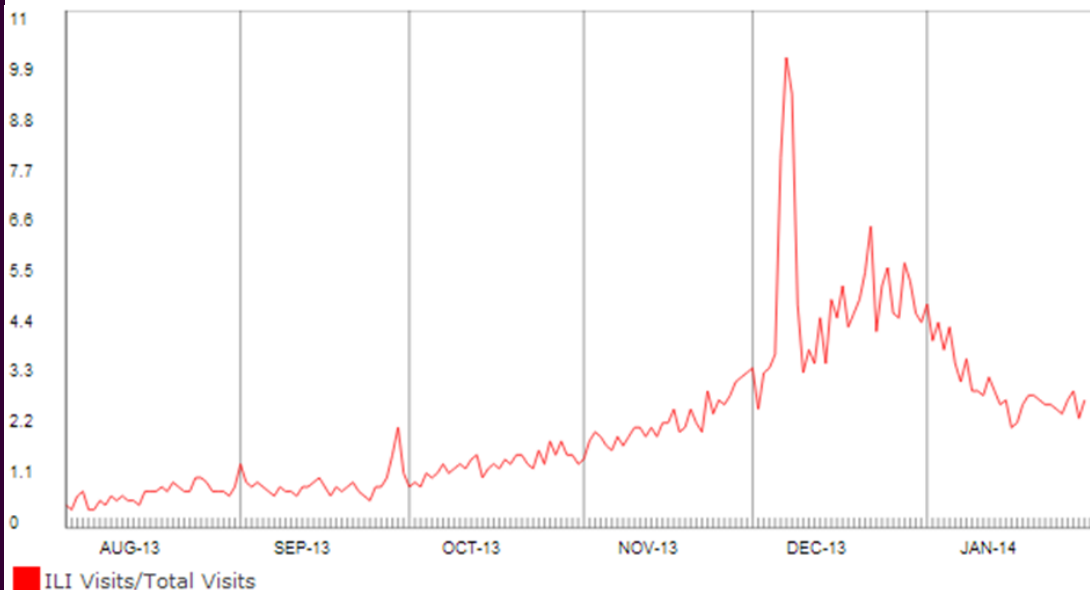
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

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

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

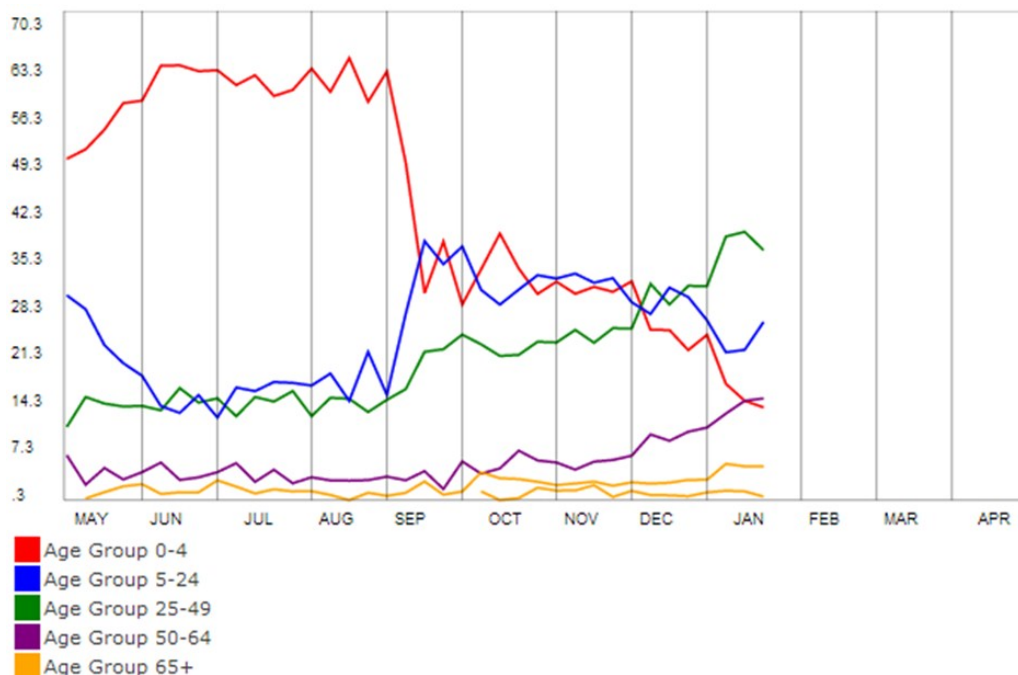
### Daily Percent of ILI Syndrome Visits to Georgia Emergency



During **week 04** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased.

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

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



\*This graph contains data from Week 03. Current graph is not available due to a delay in the network.

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**Influenza Hospitaliza-  
tions in the eight county  
metro Atlanta area 2013-  
2014** (Emerging Infections  
Program data)

**Influenza-Associated  
Deaths 2013-2014  
Statewide** (Influenza-  
associated deaths are a notifi-  
able condition in Georgia)

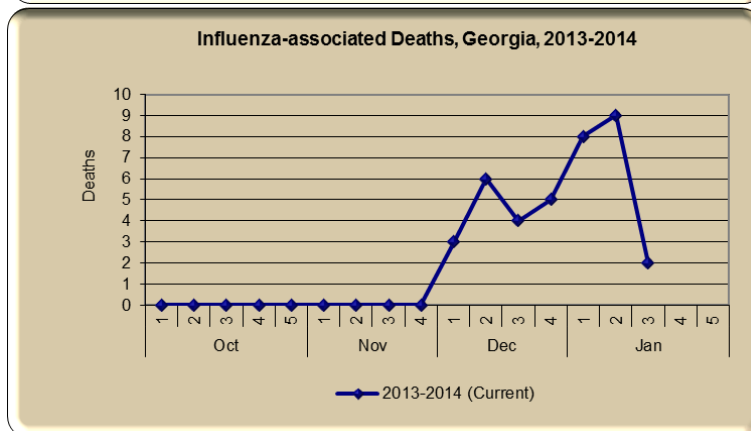
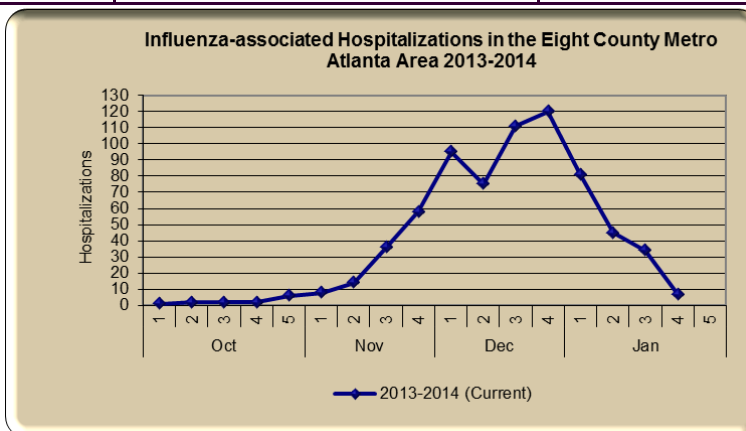
**Influenza-Associated hos-  
pitalizations in the eight-  
county metro Atlanta  
area** (Emerging Infec-  
tions Program data)

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

## Georgia Influenza-Associated Hospitalizations and Deaths

	<b>Number of Hospitaliza- tions (8- County Metro-Area Only)</b>	<b>Hospitalization Rate (Cases/100,000 people)</b>
0 - 4	79 (11.4%)	29.22
5 -17	41 (5.9%)	5.87
18 - 49	238 (34.4%)	13.20
50 - 64	182 (26.3%)	27.71
65+	151 (21.9%)	46.46
Total	691 (For confirmation, these data are delayed)	18.41

<b>Age Group</b>	<b>Number of Deaths</b>	
0 - 4	0	
5 -17	1	
18 - 49	16	
50 - 64	16	
65+	4	
Total	37 (For confirmation, these data are delayed)	



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

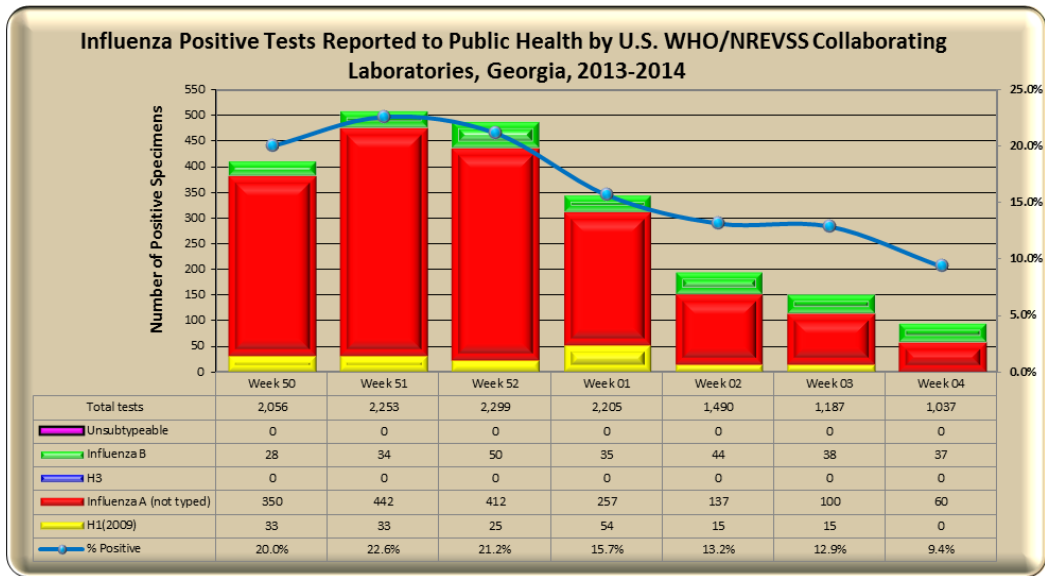
**Georgia threshold  
of RSV season  
onset and end**

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**

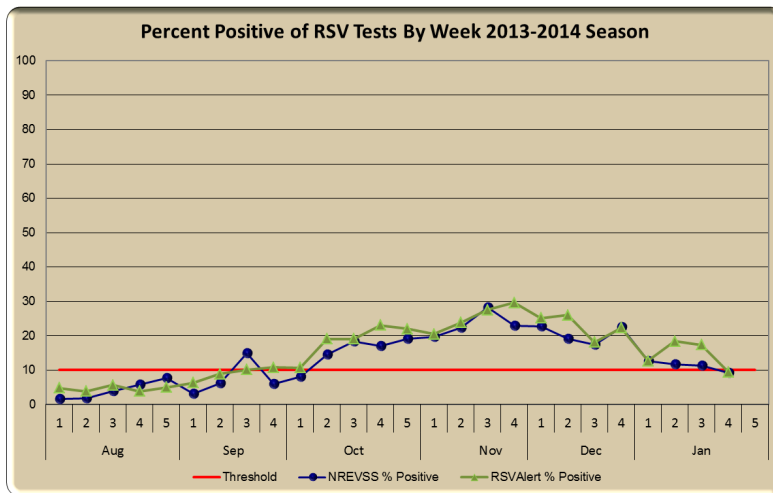


**Georgia Virologic Surveillance Data**



**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.  
**Data may vary week to week due to late provider reporting**

**Respiratory Syncytial Virus (RSV) Surveillance Data**



**Note:** Due to a decrease in the number of laboratories reporting to NREVSS, we have decided to look at the average RSV percent positives rather than the mean percent positives of all labs. We have also included data from the [RSVAlert program](#) to give a more robust view of RSV in Georgia.  
**Data may vary week to week due to late provider reporting**

**Flu News**

[Flu Scan: H1N1 after pre-pandemic flu shot; WHO flu update](#)

[Flu Scan: China's second H10N8 case; Expanding Korean H5N8 outbreak; Diabetes and flu risk](#)

[Some US flu markers turning downward](#)