

Georgia Weekly Influenza Report

MMWR Week 49

Updated 12/13/2013

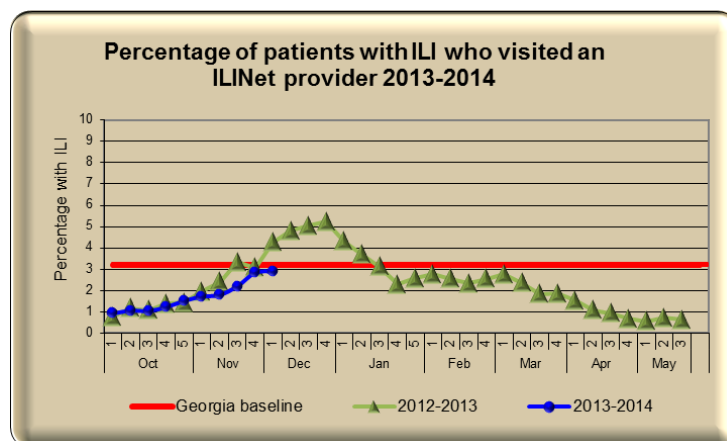
Week 49 (Dec. 1, 2013—Dec. 7, 2013) Synopsis

During week 49 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 **2.89%**, which is below the Georgia baseline of 3.2%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **MINIMAL** during week 49.
- **Metro Area Hospitalizations:** There were 31 hospitalizations due to influenza infection in week 49.
- **Influenza Related Deaths:** There were 2 confirmed deaths due to influenza during week 49.
- **Viral Surveillance:** Of the **1,616** 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 49, **322 (19.9%)** were positive for influenza.
- **Reported Influenza Outbreaks:** There was **1** influenza-related outbreak reported to public health during week 49.
- **RSV Viral Surveillance:** Of the 560 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 49, 22.5% percent were positive for Respiratory syncytial virus, **above 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 **33** ILINet providers reporting in Georgia.)



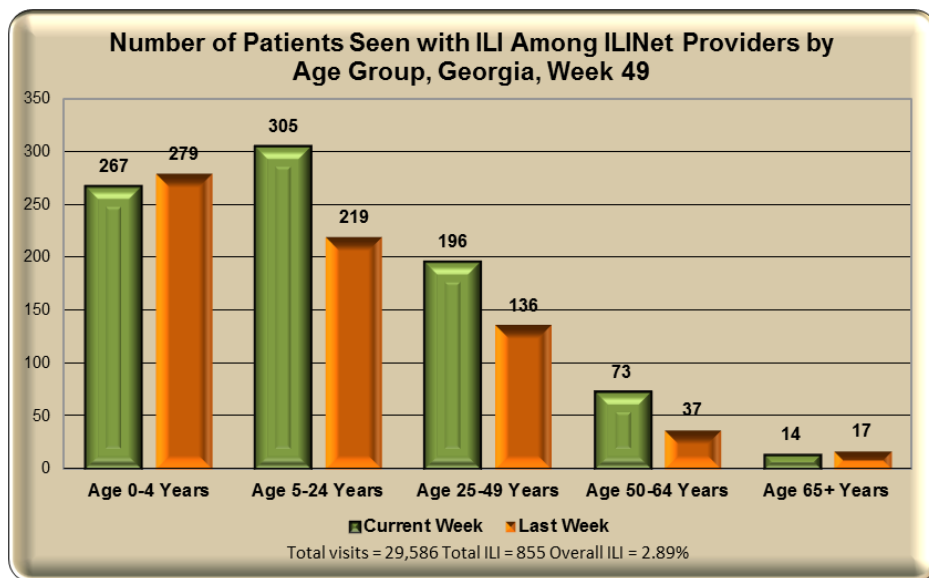
This Week: **2.89%** of patients seen in ILINet Provider offices were diagnosed with ILI.

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.

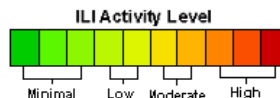


During **week 49** those aged 0-24 years of age were most often seen with ILI symptoms by ILINet providers.

ILI Activity Level Indicator - ILINet

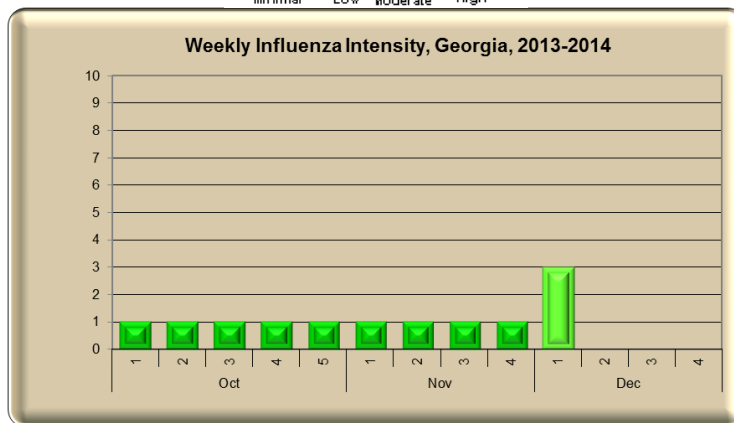
(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>

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



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

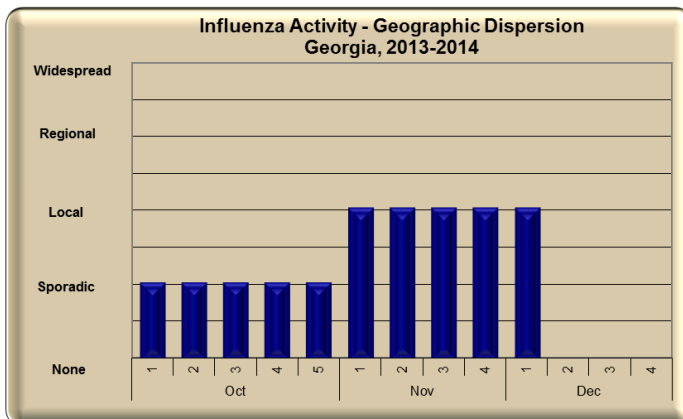
This Week's Flu Code is:

LOCAL

Local = Outbreaks of influenza

OR

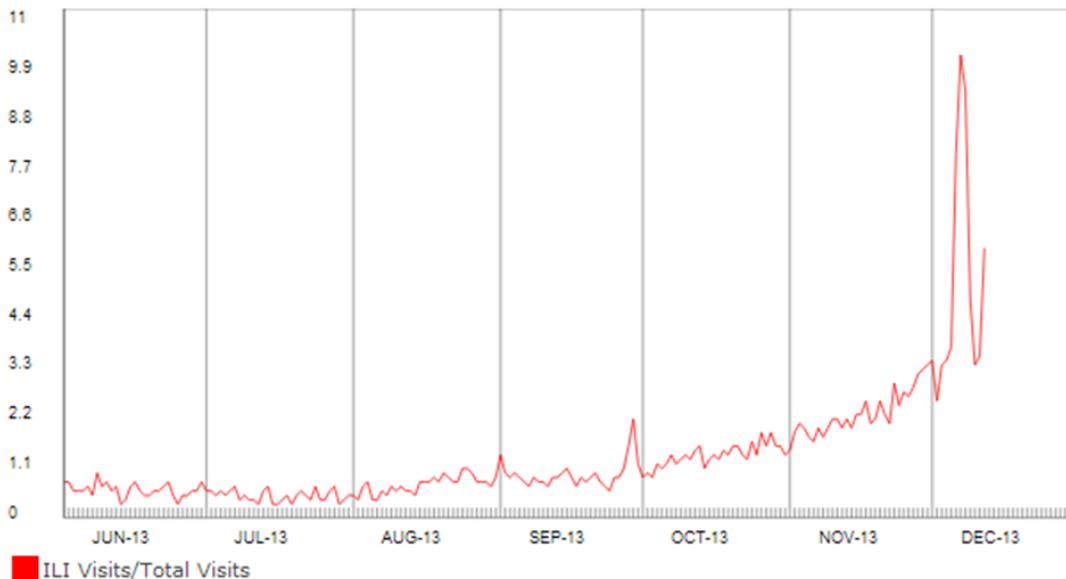
Increases in ILI cases and recent laboratory-confirmed influenza cases in a single region of the state



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

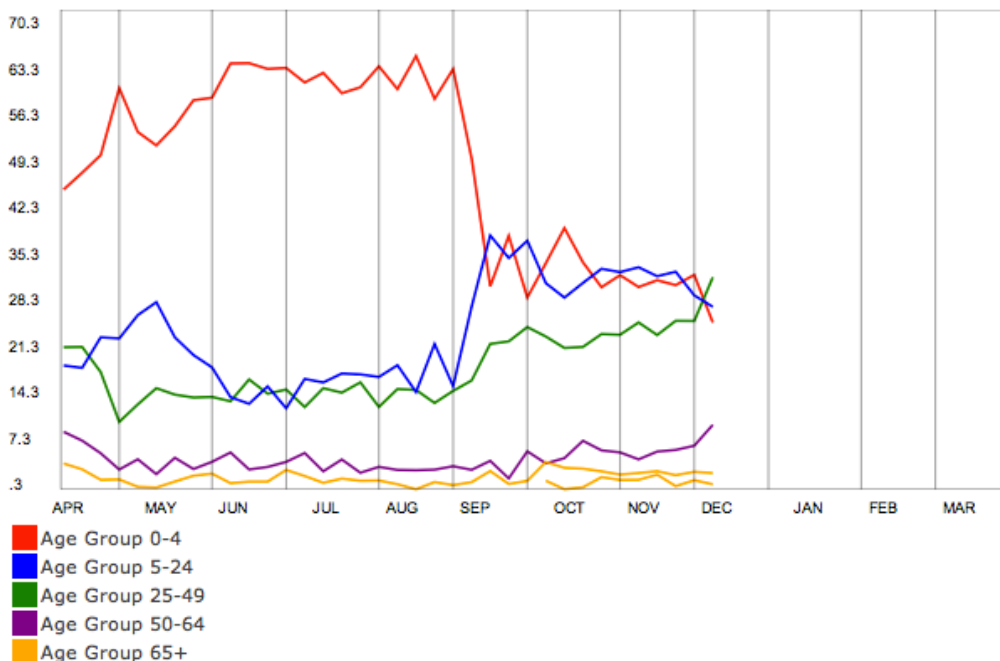
Daily Percent of ILI Syndrome Visits to Georgia Emergency



During **week 49** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system increased.

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 2013-2014 (Emerging Infections Program data)

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

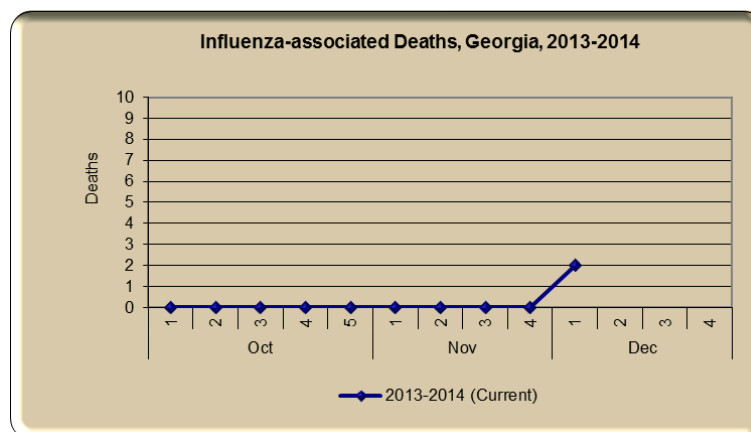
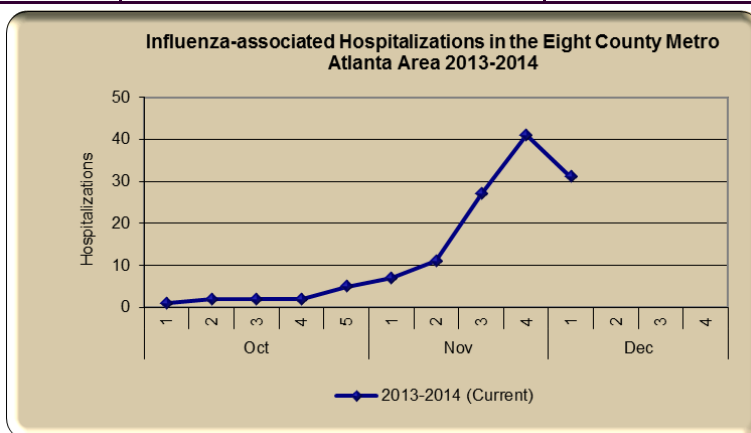
Influenza-Associated hospitalizations in the eight-county metro Atlanta area (Emerging Infections Program data)

Influenza-Associated deaths reported to Public Health

Georgia Influenza-Associated Hospitalizations and Deaths

	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	21 (16.3%)	7.77
5 -17	16 (12.4%)	2.29
18 - 49	44 (34.1%)	2.44
50 - 64	27 (20.9%)	4.11
65+	21 (16.3%)	6.46
Total	129 (For confirmation, these data are delayed)	3.44

Age Group	Number of Deaths	
0 - 4	0	
5 -17	0	
18 - 49	1	
50 - 64	1	
65+	0	
Total	2 (For confirmation, these data are delayed)	



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

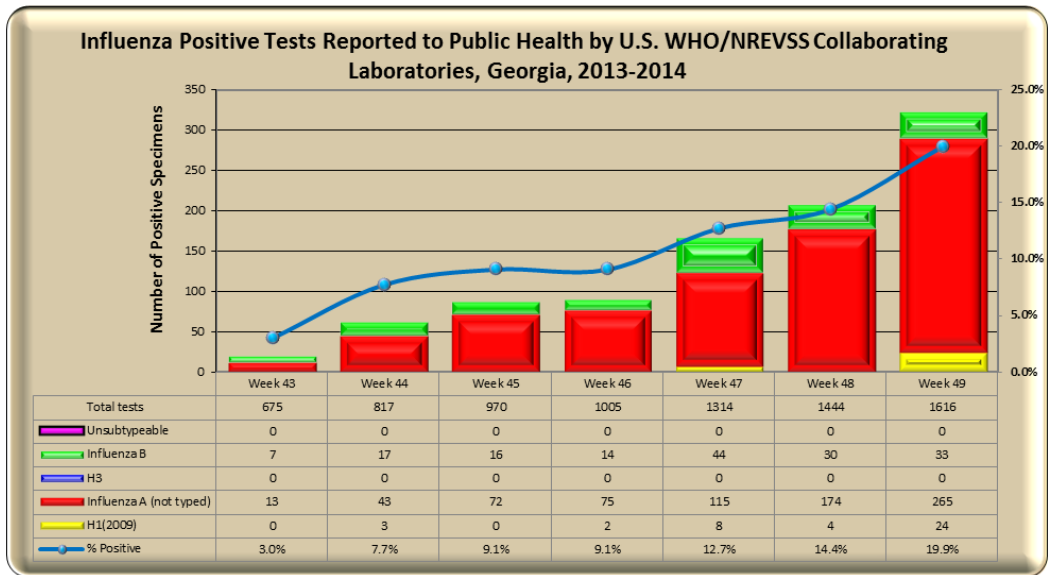
**Georgia threshold
of RSV season onset and end**

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

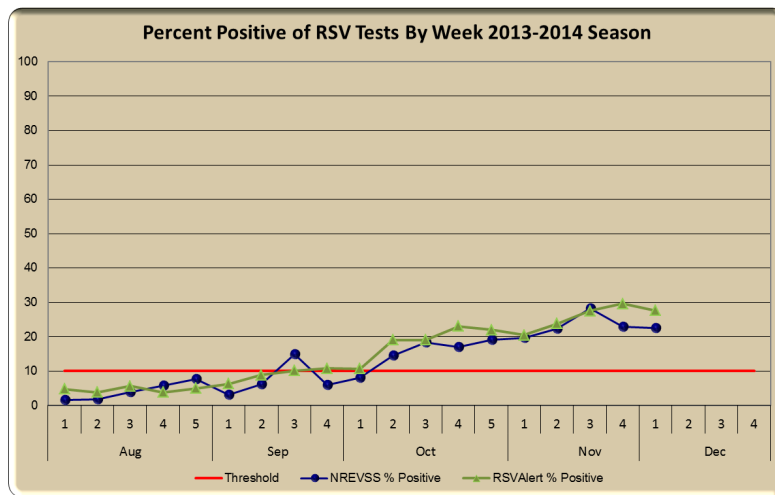


Georgia Virologic Surveillance Data



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

[First Confirmed Flu-Related Deaths in Georgia](#)

[Flu News: US flu activity still low, but creeping up](#)

[Flu Scan: H7N9 at live markets; Global flu activity](#)