

# Georgia Weekly Influenza Report

MMWR Week 51

Updated 12/28/2012

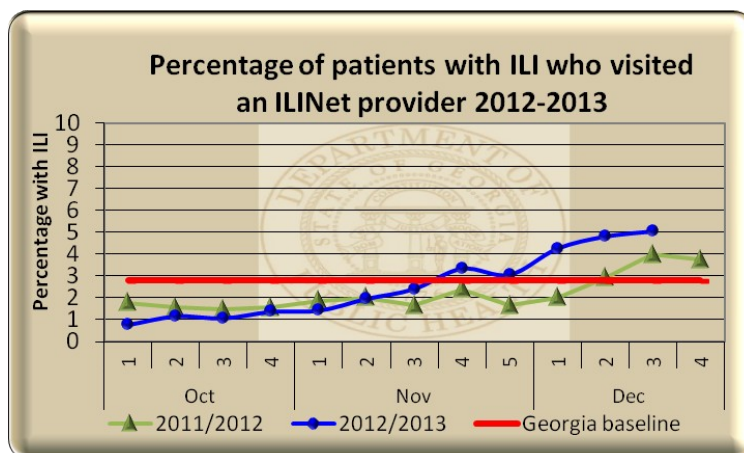
## Week 51 ( Dec. 16 - Dec. 22, 2012) Synopsis

During week 51 influenza activity **increased** in Georgia with widespread occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **5.04%** (an **increase of 0.24%**), which is above the Georgia baseline of 2.8%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 51.
- **Metro Area Hospitalizations:** There were **36** hospitalizations due to influenza infection. This brings the total in the Metro area to **244** on the season.
- **Influenza Related Deaths:** There were **0** confirmed deaths due to influenza during week 51, for a total of **1** for the season.
- **Viral Surveillance:** Of the **1214** 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, **307 (25.3%)** were positive for influenza.
- **Reported Influenza Outbreaks:** There were **0** influenza-related outbreaks reported to public health during week 51 .
- **RSV Viral Surveillance:** Of the **447** 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 **average** percent positive of **ALL** laboratory confirmed tests was **23.0%**, 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 **29** ILINet providers



This Week: **5.04%** of patients seen in ILINet Provider offices were diagnosed with ILI.

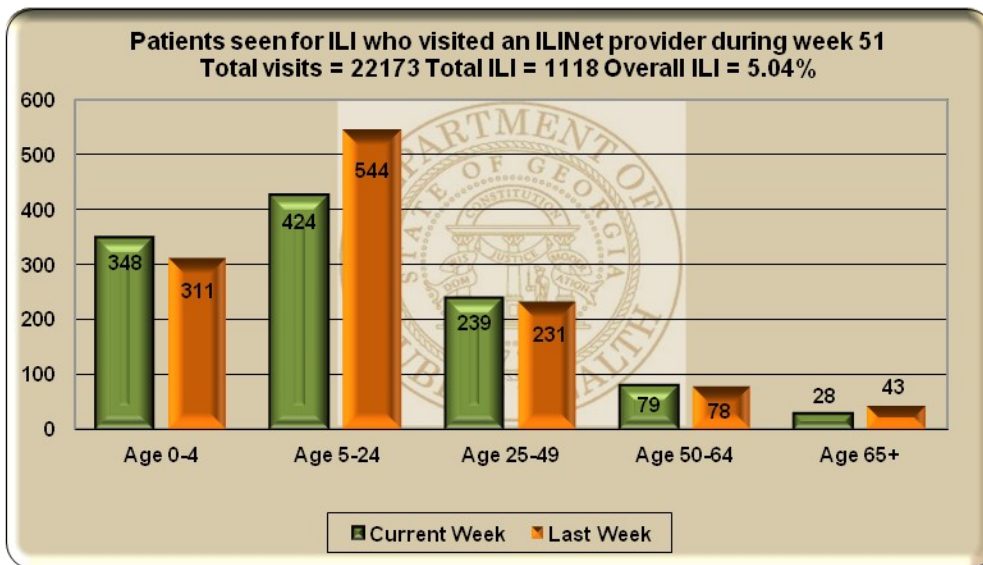
Last Week: **4.80%** of patients seen in ILINet Provider

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

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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.



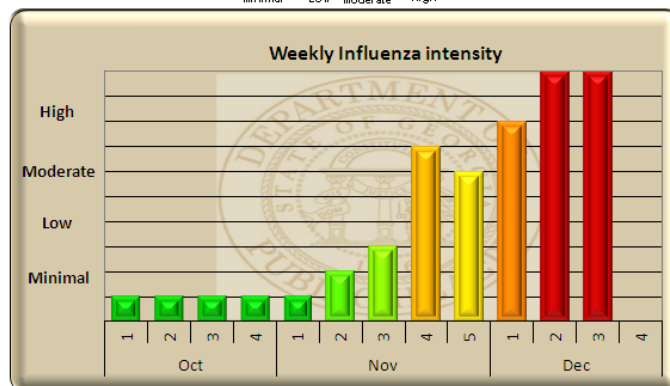
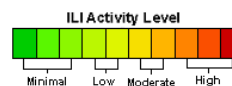
During **week 51** there was an overall decrease in total patients seen at sentinel provider offices (most likely due to the holidays). There was a slight increase in the 0-4 age group.

**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:  
**High = 10**



**Georgia ILI Geographic Dispersion**

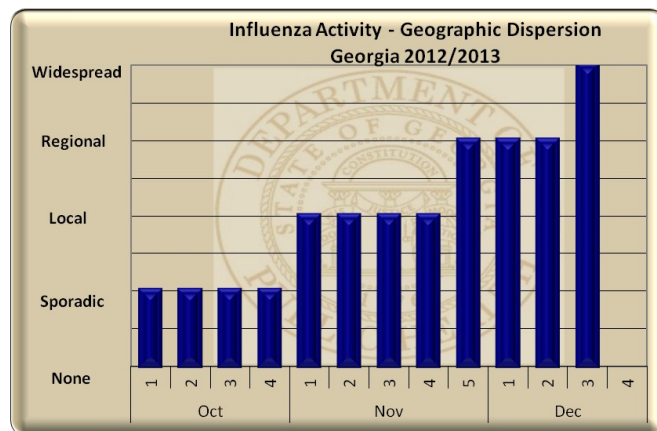
This Week's Flu Code is:

**WIDESPREAD**

Widespread = Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of all Georgia Health Districts

AND

Recent ( within the 3 past weeks) lab confirmed influenza in Georgia



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

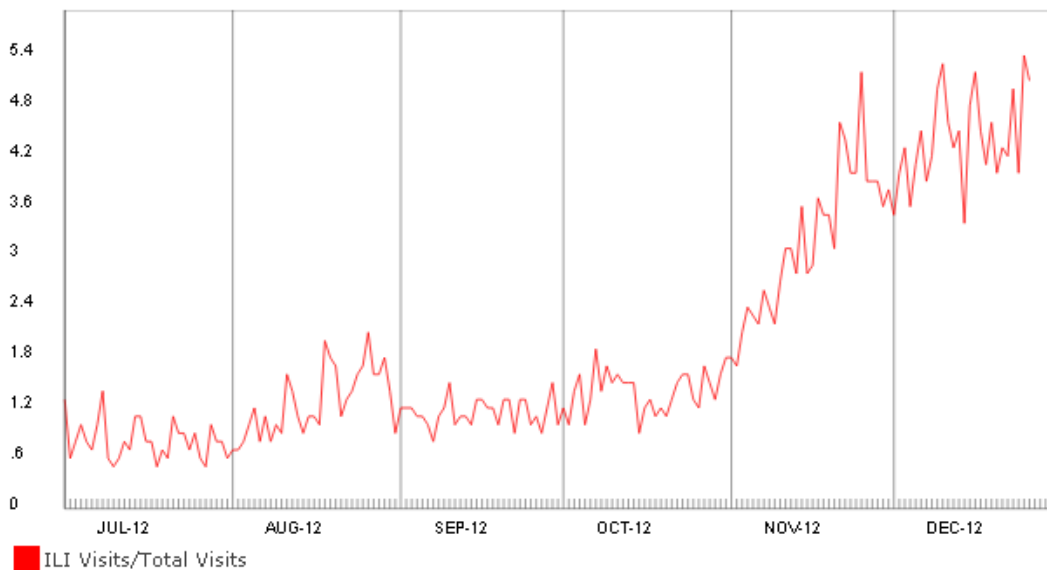
(This graph reflects geographic dispersion and is not an indicator of influenza severity)

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

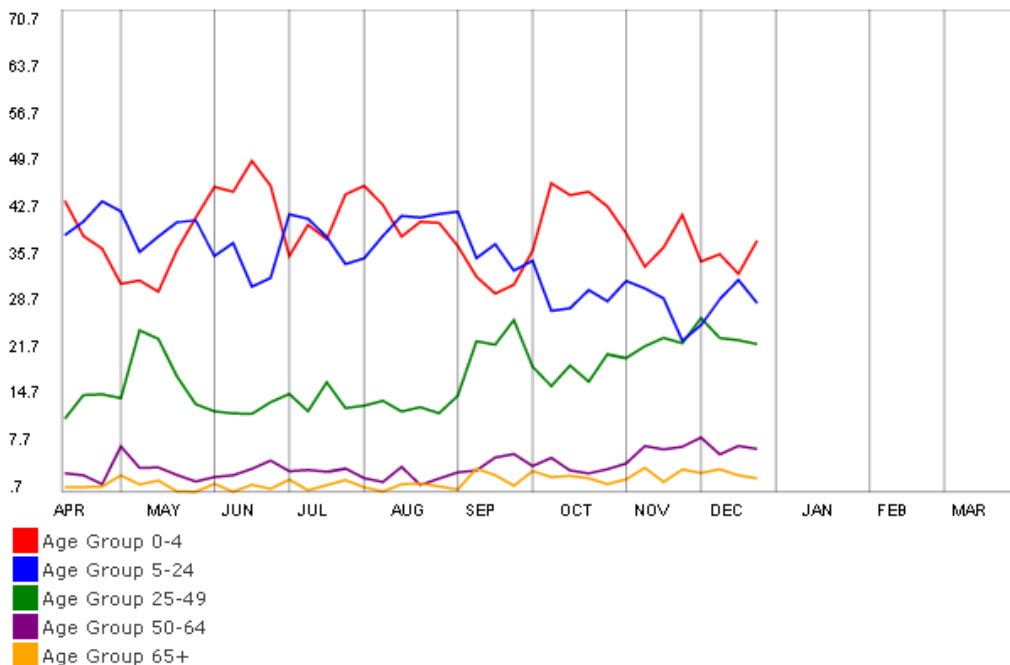
### Daily Percent of ILI Syndrome Visits to Georgia Emergency

(Measured by ILI syndrome/ Total visits from Georgia Syndromic Surveillance Program emergency department chief complaint data)



During **week 51** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system remained level.

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



Council of State and Ter-  
ritorial Epidemiologists  
Report – Geographic Dis-  
persion

(This graph reflects geo-  
graphic dispersion and is not  
an indicator of influenza se-  
verity)

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Influenza Hospitalizations in the eight county metro Atlanta area 2012-2013 (Emerging Infections Program data)

Influenza-Associated Deaths 2012-2013 State-wide (Influenza-associated deaths are a notifiable condition in Georgia)

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

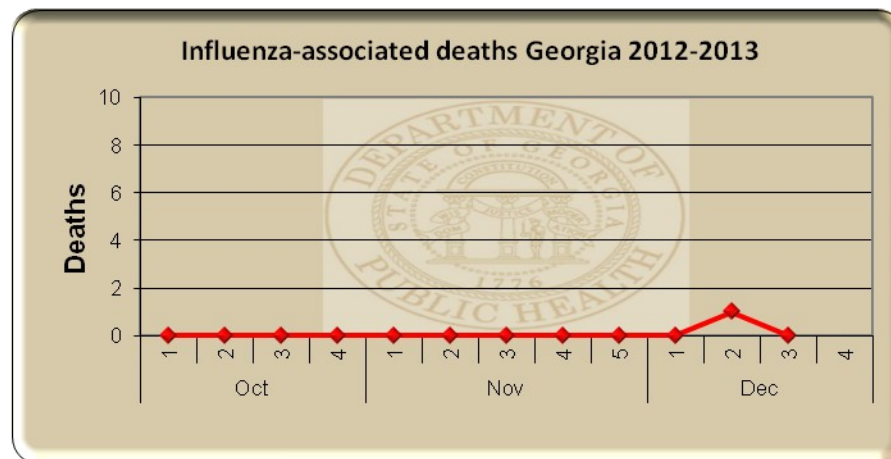
Influenza-Associated deaths reported to Public Health

### Georgia Influenza-Associated Hospitalizations and Deaths

Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	52 (21.2%)
5 -17	45 (18.4%)
18 - 51	46 (18.8%)
51 - 64	36 (14.7%)
65+	66 (26.9%)
Total	245 (For confirmation, these data are delayed.)

Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	1
65+	0
Total	1 (For confirmation, these data are delayed.)



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GA DPH on the web!  
<http://health.state.ga.us/>

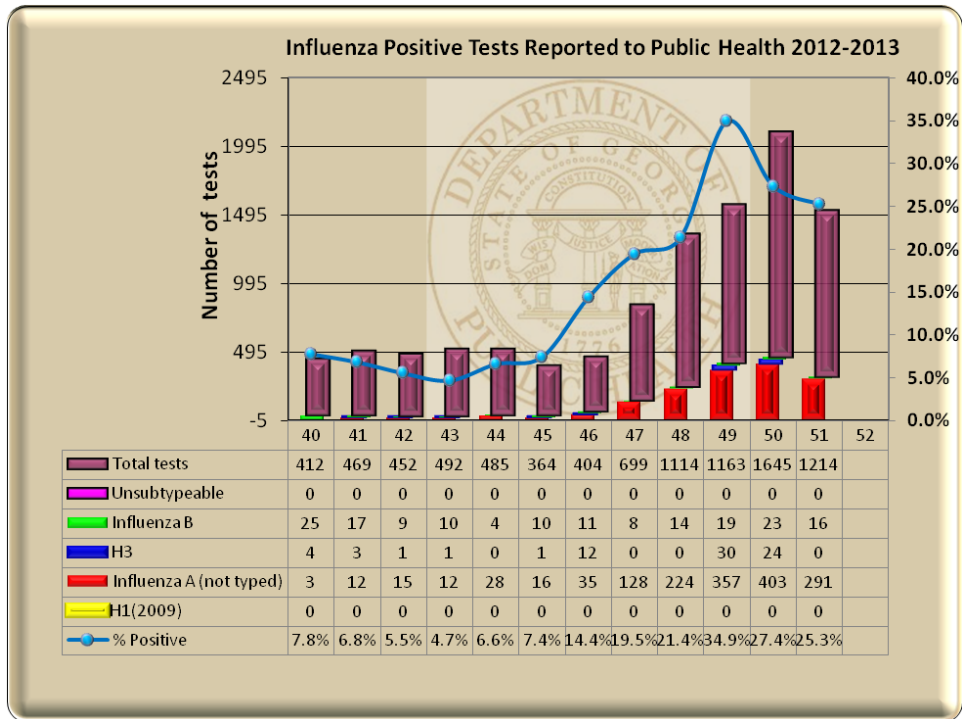
**Georgia threshold  
of RSV season on-  
set and end**

RSV season onset is defined as the first week of two (2) consecutive weeks when the **average** 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 **average** percent positive of **ALL** lab confirmed tests are less than 10%.

**RSV Season  
Status: ON**

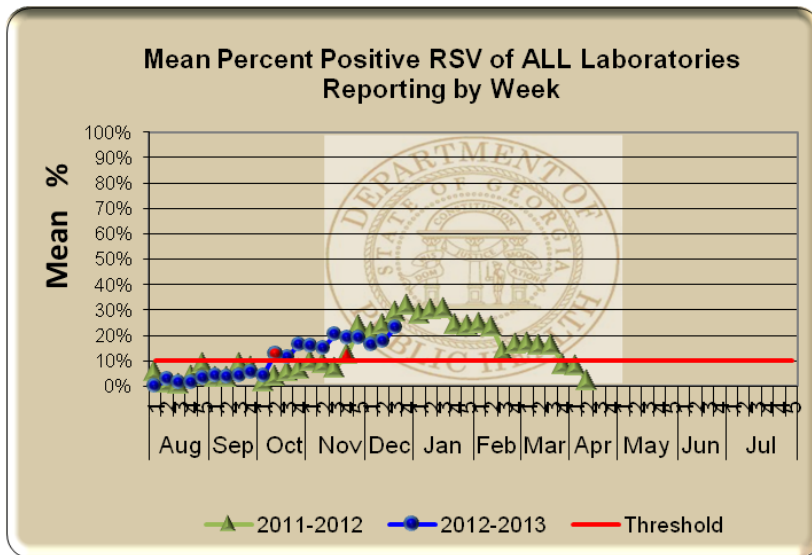


**Georgia Virologic Surveillance Data**



**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.

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



**Flu News**

[FDA expands Tamiflu approval to include young babies](#)

[FLU NEWS SCAN: Flu curbs hospital visits, H5N1 strains in Egypt, avian-origin H3N2 in dogs](#)