

# Georgia Weekly Influenza Report

MMWR Week 20

Updated 5/29/2015

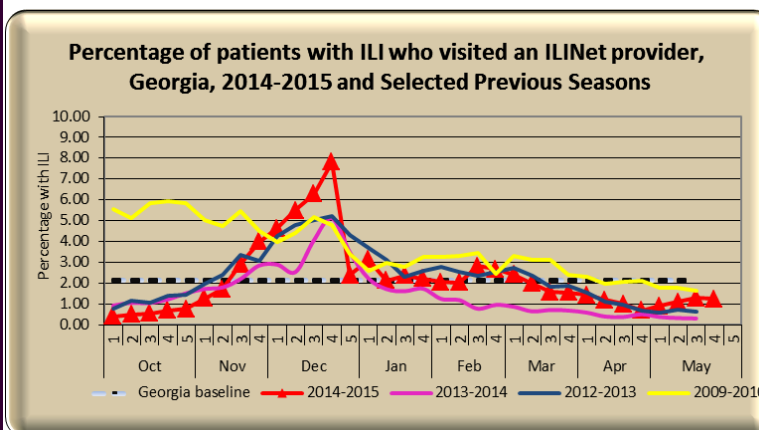
## Week 20 (May 17— May 23, 2015) Synopsis

During week 20 there was sporadic influenza activity in Georgia with minimal occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was 1.24%, which is below the Georgia baseline of 2.1%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 20.
- **Metro Area Hospitalizations:** There were **0 hospitalizations** due to influenza infection during week 20. There have been **1,460** hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed influenza-associated death during week 20. There have been **28** confirmed influenza-associated deaths as of 5/29/2015.
- **Reported Influenza Outbreaks:** There were 0 influenza-associated outbreaks during week 20. There have been **34** influenza-related outbreaks so far this season.
- **Viral Surveillance:** Of the **312** 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 20, **9 (2.88%)** were positive for influenza.
- **RSV Viral Surveillance:** Of the **219** 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 20, the percent positive of **ALL** laboratory confirmed tests was **3.20%**.

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



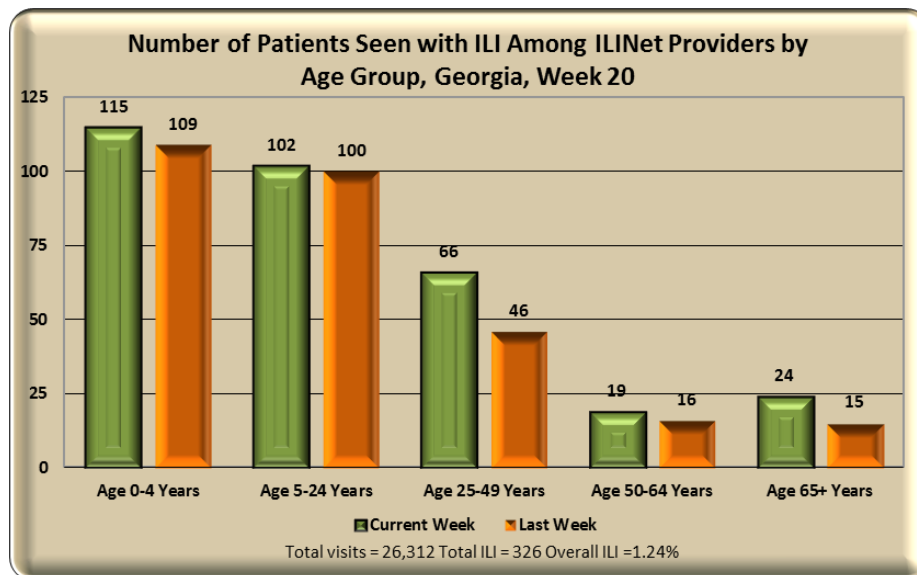
This Week: **1.24%** of patients seen in ILINet Provider offices were diagnosed with ILI.

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.

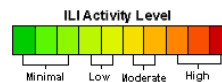


During **week 20** those aged 0 to 24 years were most often seen with ILI symptoms by ILINet providers.

**ILI Activity Level Indicator - ILINet**

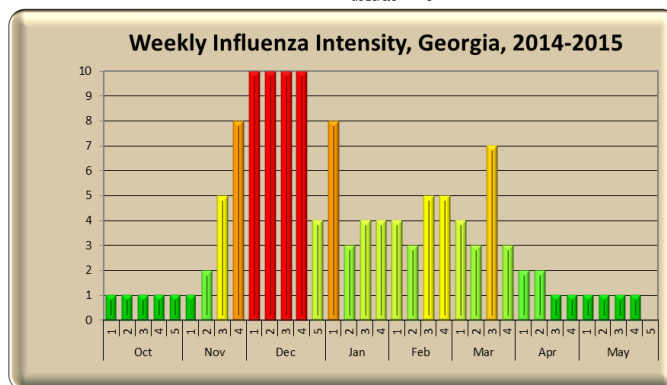
(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>

**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 = 1**



**Georgia ILI Geographic Dispersion**

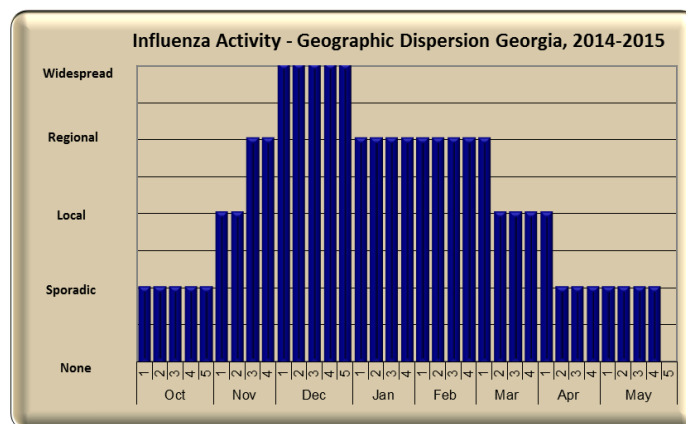
This Week's Flu Code is:

**SPORADIC**

Sporadic = ILI activity has not increased and there are isolated lab-confirmed cases of influenza in the state

OR

ILI activity has not increased and there is a lab confirmed influenza outbreak in one institution throughout the state



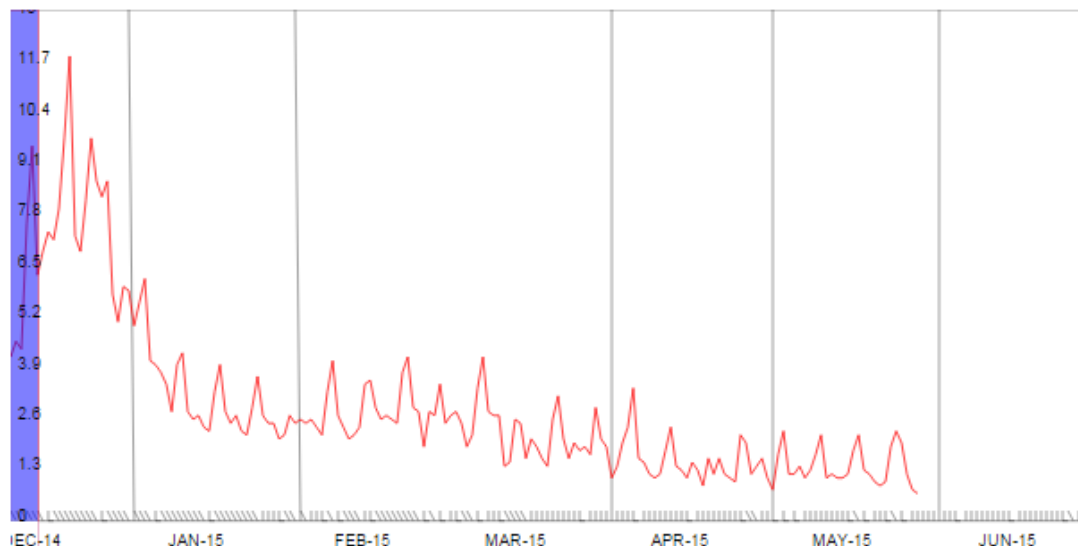
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(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)

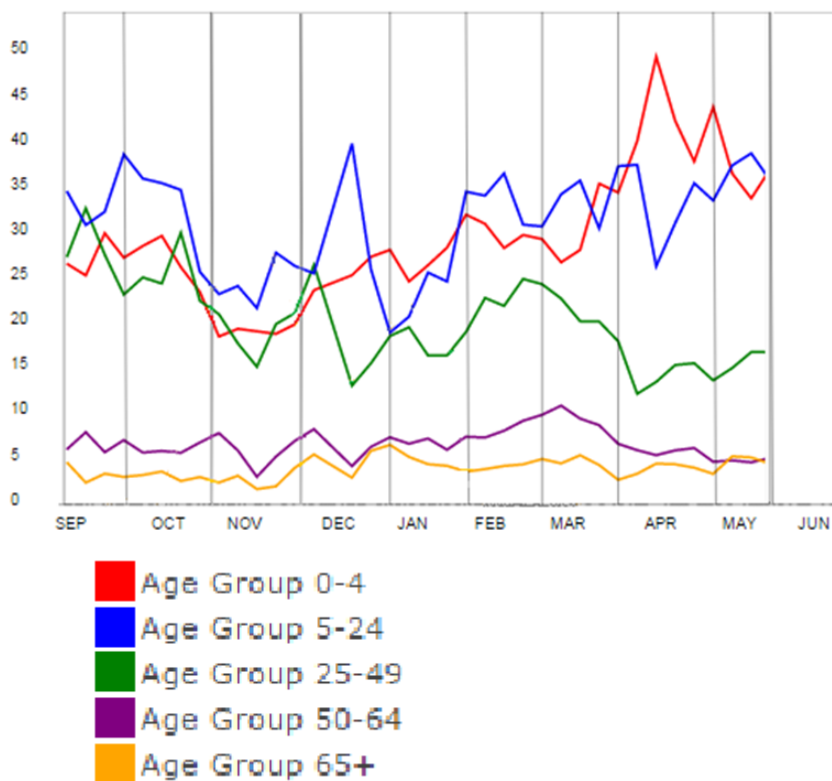
### Daily Percent of ILI Syndrome Visits to Georgia Emergency



During **week 20** 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



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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)

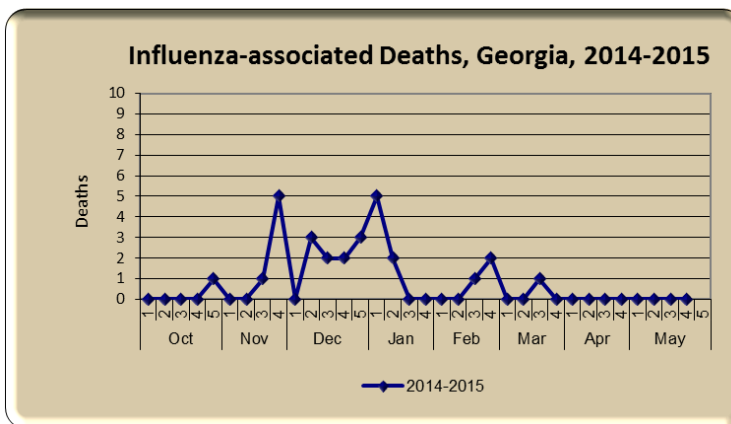
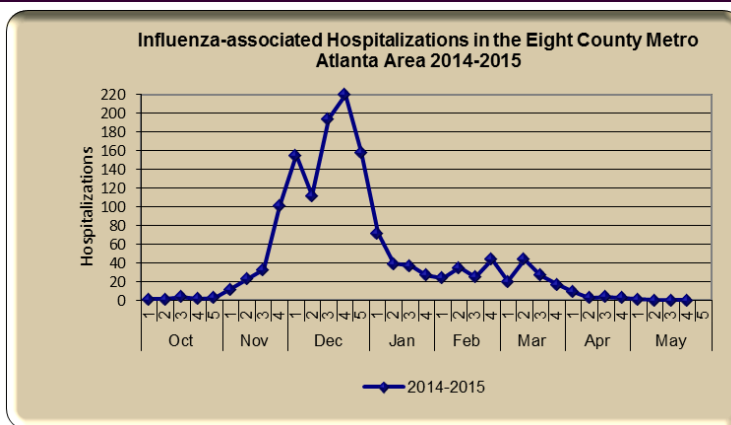
**Influenza-Associated hospitalizations in the eight-county metro Atlanta area** (Emerging Infections Program data)

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

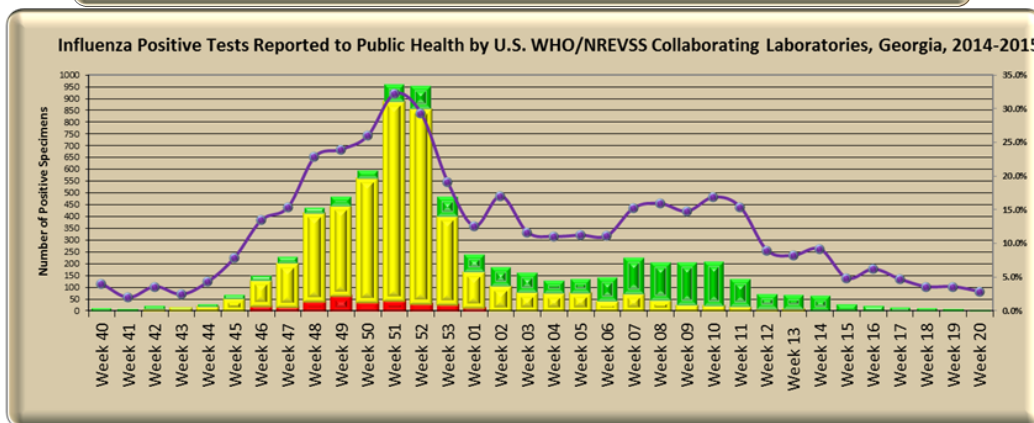
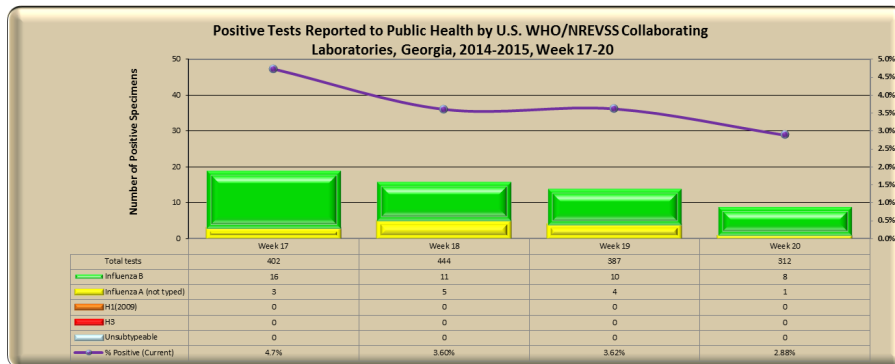
## Georgia Influenza-Associated Hospitalizations and Deaths

	<b>Number of Hospitalizations (8- County Metro-Area Only)</b>	<b>Hospitalization Rate (Cases/100,000 people)</b>
0 - 4	100 (6.8%)	<b>37.11</b>
5 -17	119 (8.2%)	<b>16.69</b>
18 - 49	257 (17.6%)	<b>14.14</b>
50 - 64	245 (16.8%)	<b>35.33</b>
65+	739 (50.6%)	<b>199.54</b>
<b>Total</b>	<b>1,460</b>	<b>38.90</b>

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

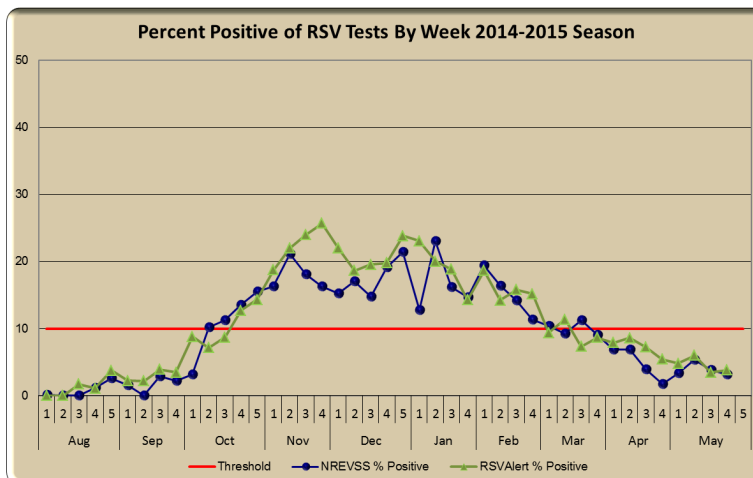


### Georgia Virologic Surveillance Data



**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: Avian flu in Iowa; H5N1 in Egypt; Global flu update](#)

[Where Is Avian Flu Hiding?](#)

[New canine flu detected in several more states](#)

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### 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: OFF**

