

Georgia Weekly Influenza Report

MMWR Week 20

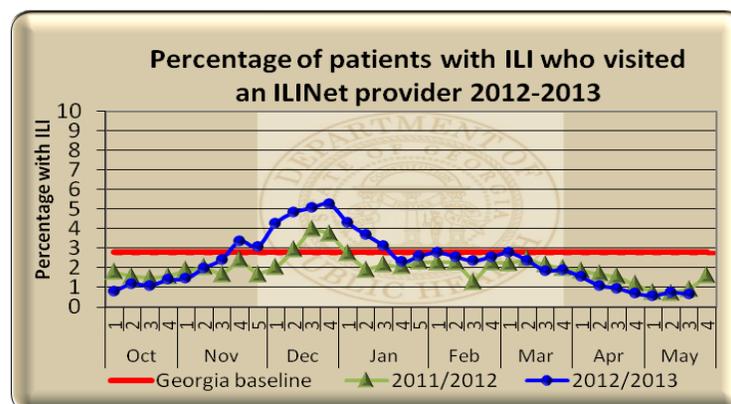
Updated 5/24/2013

Week 20 (May 12, 2013 - May 18, 2013) Synopsis

During week 20 influenza activity **decreased** in Georgia with infrequent occurrences of flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **0.63%** (an **decrease of 0.09%**). The percent of ILI is still below the Georgia baseline of 2.8%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **NONE** during week 20.
- **Metro Area Hospitalizations:** There were no noted hospitalizations for the metro area last week. This makes the cumulative total in the Metro area **1169**.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 20, for a total of **10** for the season.
- **Viral Surveillance:** Of the **182** 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, **6 (3.3%)** were positive for influenza.
- **Reported Influenza Outbreaks:** There were **0** influenza-related outbreak reported to public health during week 20.
- **RSV Viral Surveillance:** RSV season has ended.

ILINet Provider Network Data



This Week: **0.63%** of patients seen in ILINet Provider offices were diagnosed with ILI.

Last Week: **0.72%** of patients seen in ILINet Provider

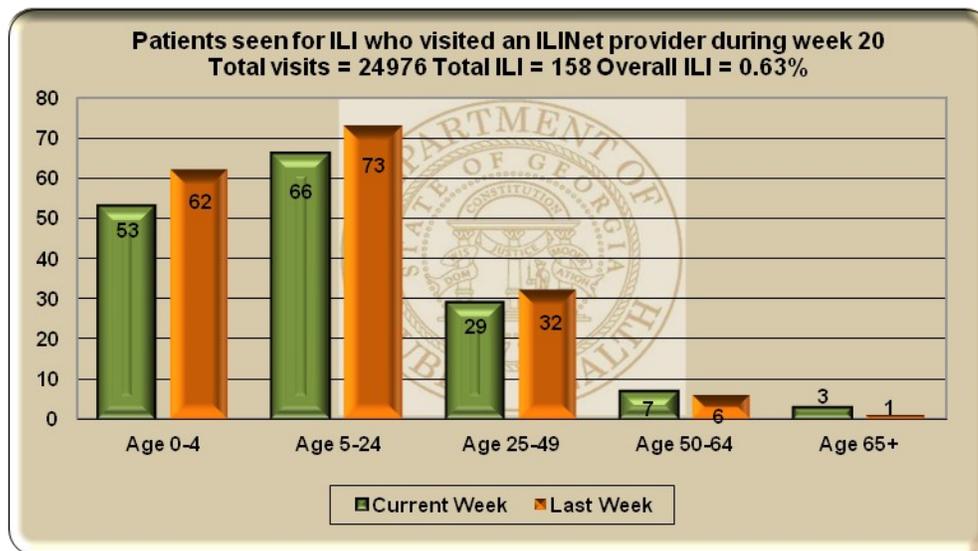
Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory

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 **30** ILINet providers

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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 there was an overall increase in total patients seen at ILI sentinel provider offices, however there was a decrease in those diagnosed with ILI. The largest decrease was seen in the 0-4

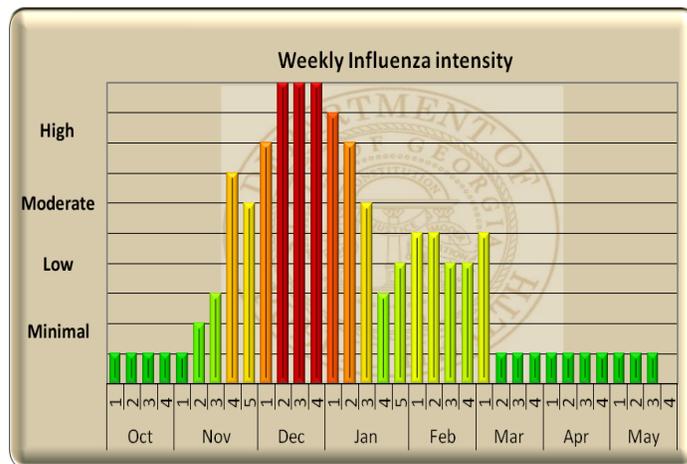
ILI Activity Level Indicator - ILINet

(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 = 1

Georgia ILI Intensity Indicator

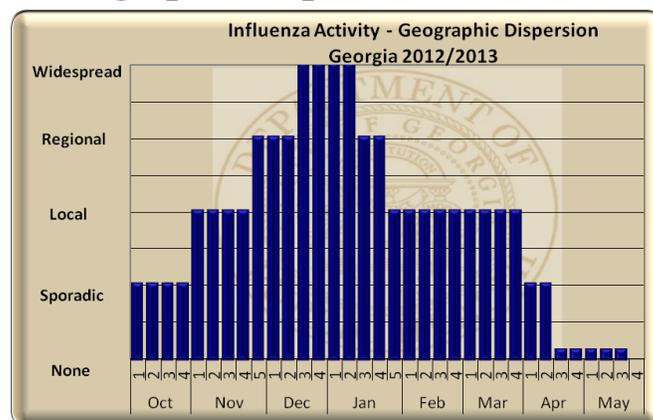


Georgia ILI Geographic Dispersion

This Week's Flu Code is:

NONE

ILI not increased in any region



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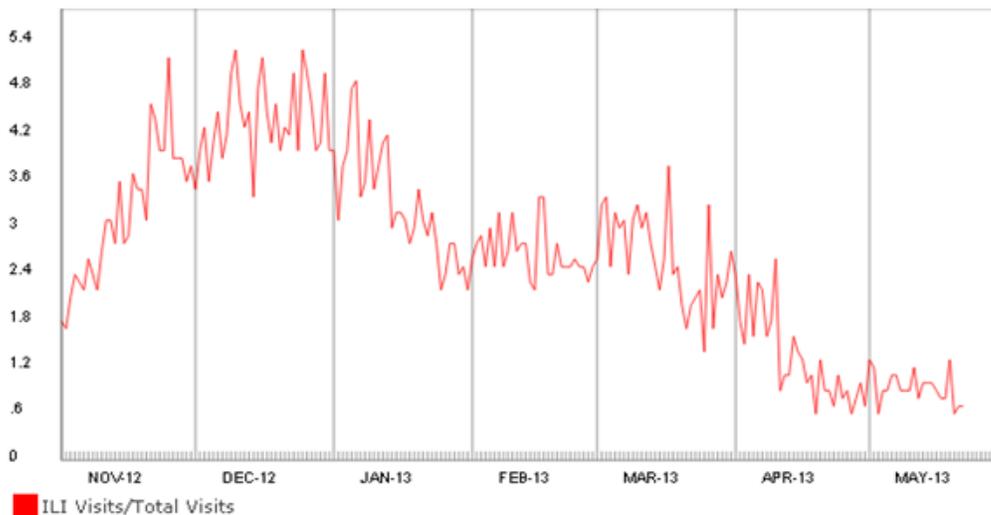
Syndromic Surveillance
Data Daily Influenza-like
Illness Syndrome
(percentage of ILI visits)

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)

Daily Percent of ILI Syndrome Visits to Georgia Emergency

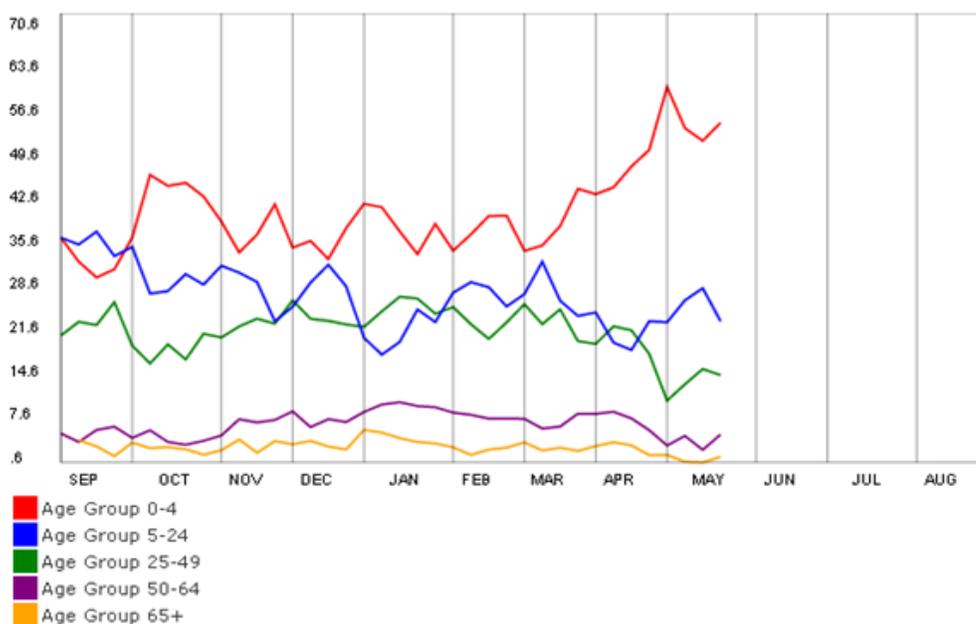
Daily Percent of ILI Syndrome Visits to Georgia Emergency Departments
(Measured by ILI syndrome/ Total visits from Georgia Syndromic Surveillance Program emergency department chief complaint data)



During **week 20** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased slightly during week 20.

Weekly Percent of ILI Syndrome 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 2012-2013 (Emerging Infections Program data)

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

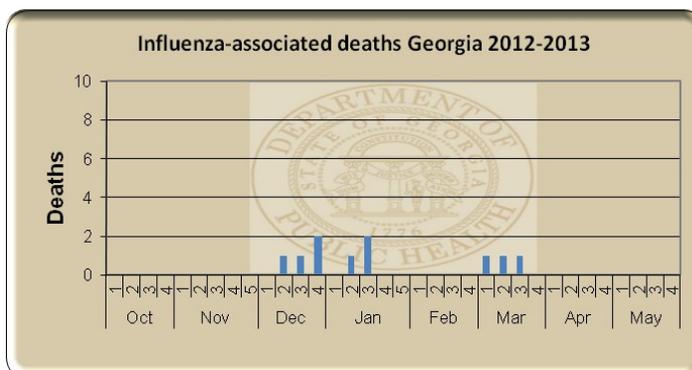
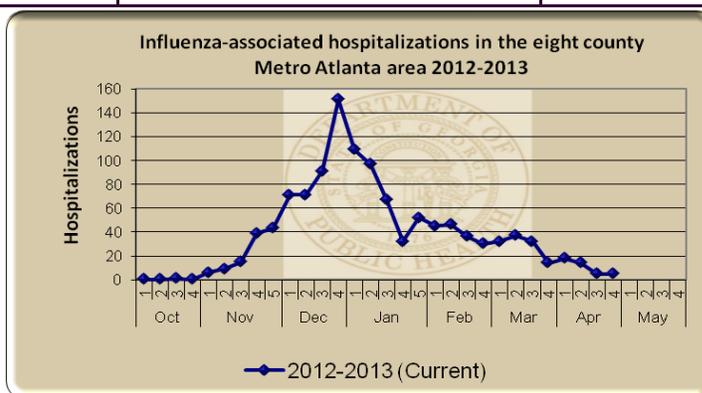
Influenza-Associated hospitalizations in the eight-county metro Atlanta area (Emerging Infections Program data)

Influenza-Associated deaths reported to Public Health

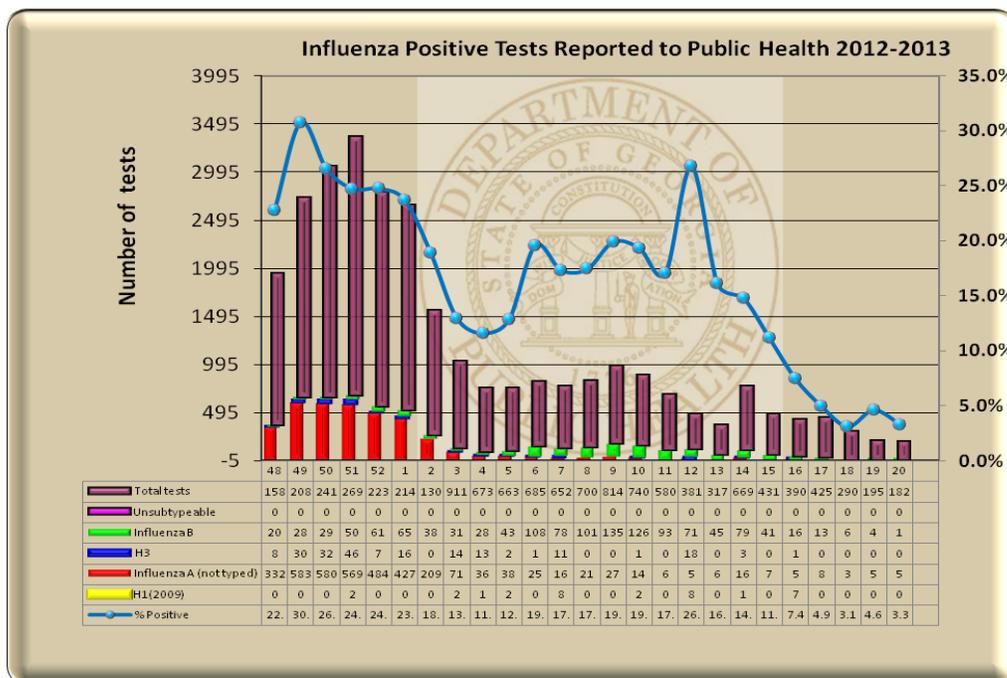
Georgia Influenza-Associated Hospitalizations and Deaths

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	144 (12.3%)	53.25
5 -17	124 (10.6%)	17.76
18 - 49	273 (23.4%)	15.14
50 - 64	208 (17.8%)	31.67
65+	420 (35.9%)	129.23
Total	1169	31.14

Age Group	Number of Deaths
0 - 4	2
5 -17	2
18 - 49	2
50 - 64	0
65+	4
Total	10

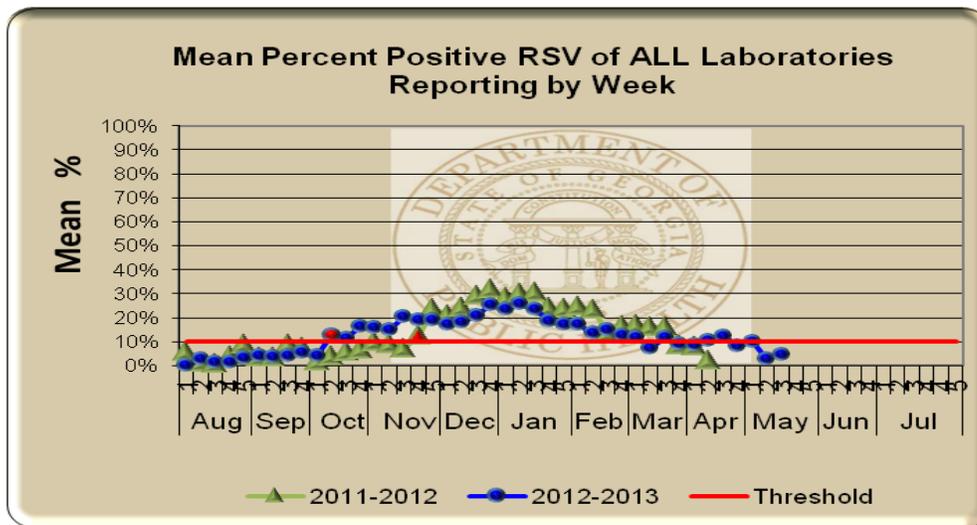


Georgia Virologic Surveillance Data



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



Georgia threshold of RSV season onset 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: OFF

Flu News

[Study: H7N9 shows limited aerosol transmission in ferrets](#)

[Study of H7N9 cases shows extent of severe disease](#)

GEORGIA DEPARTMENT OF PUBLIC HEALTH

2 Peachtree St. N.W.
Atlanta, GA 30303

Phone: 404-463-4623
Fax: 404-657-7517

E-mail: snwilson3@dhr.state.ga.us

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

