GEORGIA DEPARTMENT OF PUBLIC HEALTH

Georgia Weekly Influenza Report

MMWR Week 14 **Updated 4/12/2013**

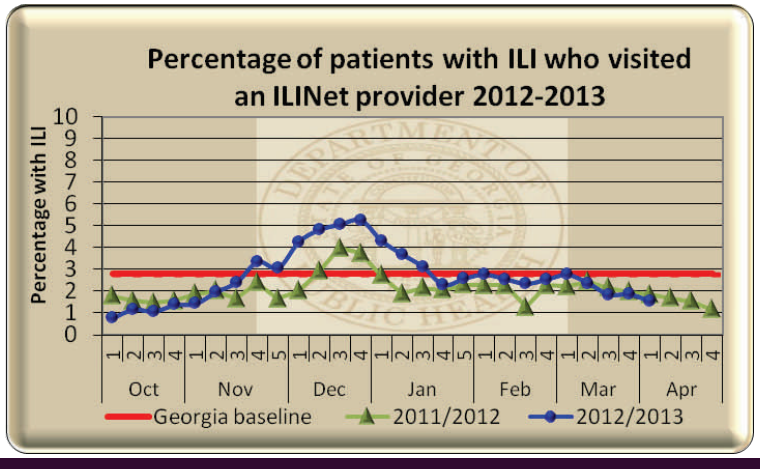
Week 14 (Mar. 31, 2013 - April 6, 2013) Synopsis

During week 14 influenza activity decreased in Georgia with sporadic occurrences of flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.52% (an decrease of 0.34%),** which is below the Georgia baseline of 2.8%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **Sporadic** during week 14.
- **Metro Area Hospitalizations:** During week 14, there were **15** hospitalizations due to influenza infection. This brought the total in the Metro area to **1119** for the season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza during week 14, for a total of **9** for the season.
- **Viral Surveillance:** Of the **669** 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 14, **99 (14.8%)** were positive for influenza.
- **Reported Influenza Outbreaks:** There were **0** influenza-related outbreak reported to public health during week 14.
- **RSV Viral Surveillance:** The **average** percent positive of **ALL** laboratory confirmed tests was **9.9%**, below the season onset threshold of 10.0%. RSV season is **still ongoing** until we confirm two consecutive weeks below 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



This Week: **1.52%** of patients seen in ILINet Provider offices were diagnosed with ILI.

Last Week: **1.86%** 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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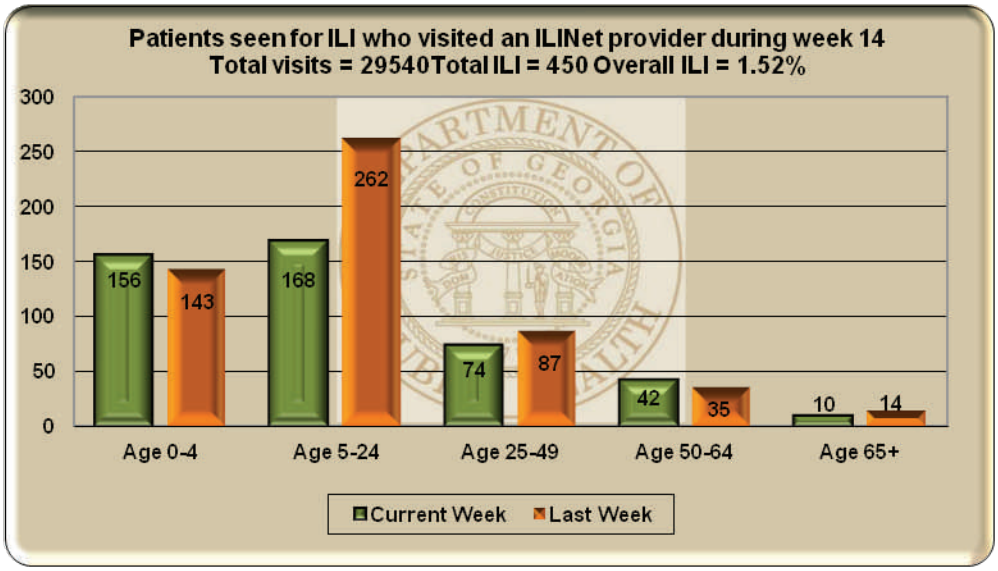
ILINet Patient Visits By Age Group



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 14** there was an overall increase in total patients seen at ILI sentinel provider offices, but a decrease in those diagnosed with ILI. The largest decrease was seen in the 5-24 age group.

Georgia ILI Intensity Indicator

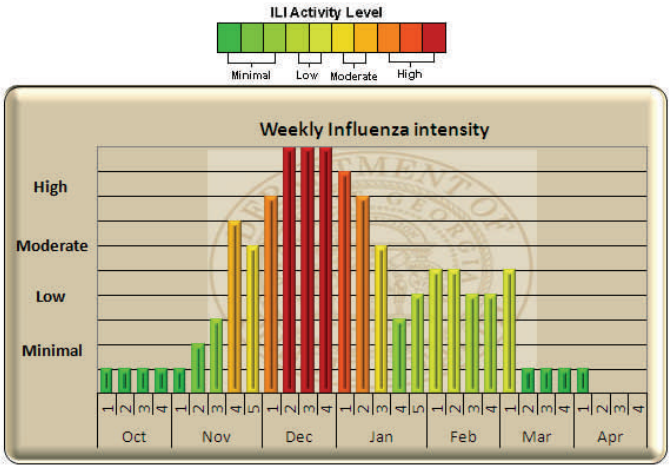
ILI Activity Level Indicator - ILINet

(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 Geographic Dispersion

Council of State and Territorial Epidemiologists Report – Geographic Dispersion

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

This Week's Flu Code is:

SPORADIC

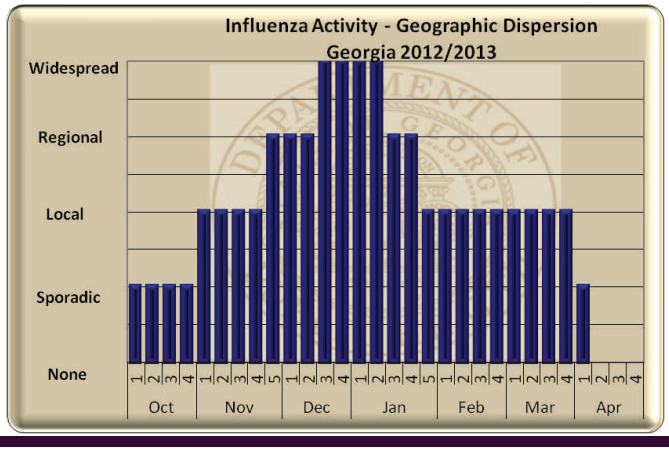
ILI not increased

AND

Isolated lab-confirmed cases

OR

Lab confirmed outbreak in one institution in Georgia



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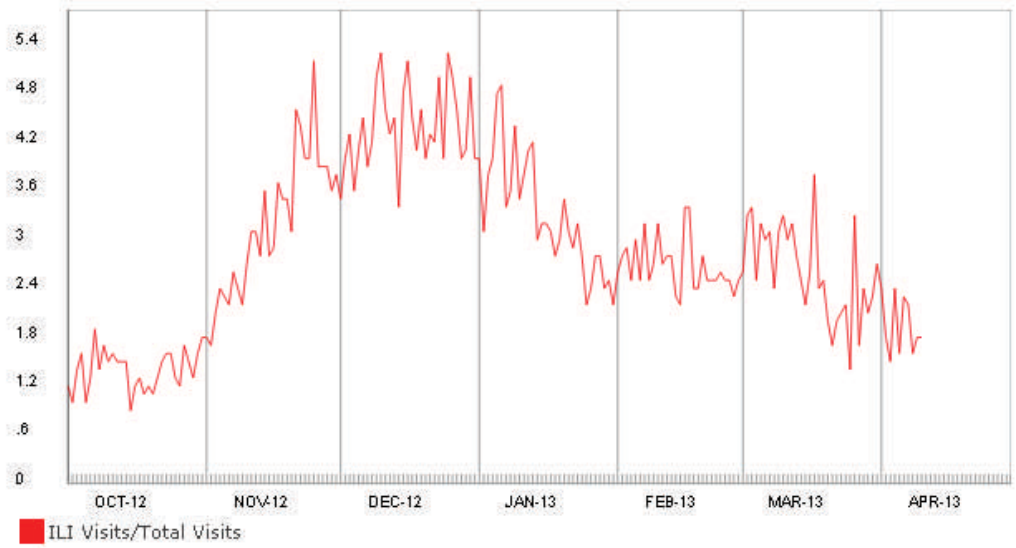
Syndromic Surveillance Data Daily Influenza-like Illness Syndrome
(percentage of ILI visits)

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)

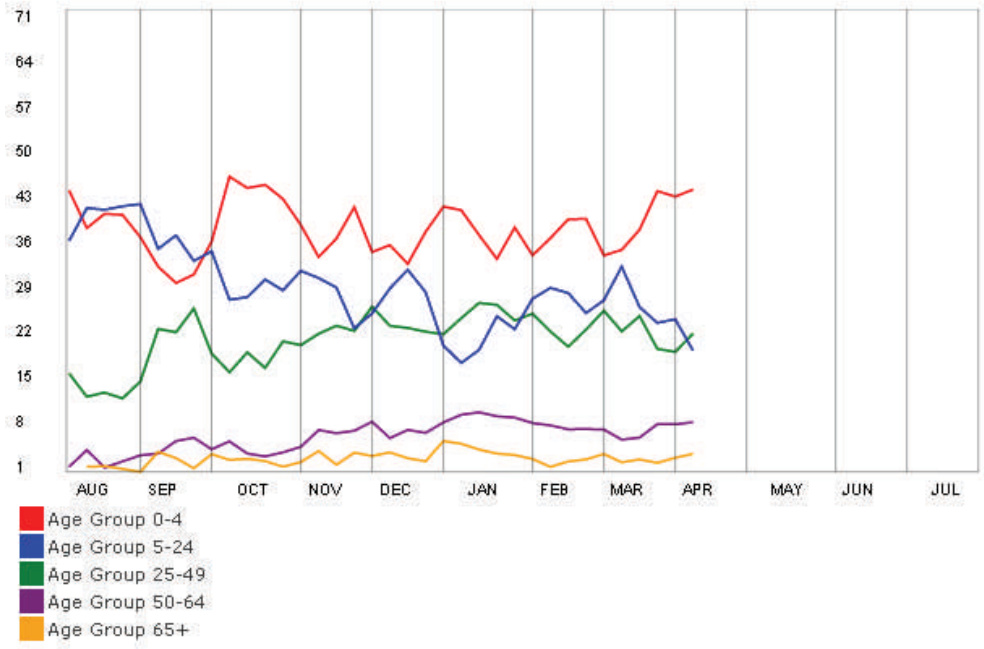


During **week 14** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased significantly during week 14.

Council of State and Territorial Epidemiologists Report – Geographic Dispersion

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

Weekly Percent of ILI Syndrome Visits by Age Group



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Georgia Influenza-Associated Hospitalizations and Deaths

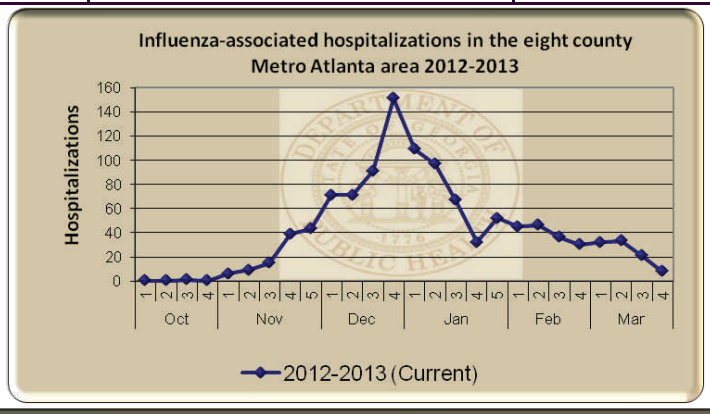
Influenza Hospitalizations in the eight county metro Atlanta area 2012-2013 (Emerging Infections Program data)

Age Group	Number of Hospitalizations (8– County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	142 (**12.7%**)	**52.5**
5 -17	122 (**10.9%**)	**17.5**
18 - 49	253 (**22.6%**)	**14.0**
50 - 64	198 (**17.7%**)	**30.2**
65+	404 (**36.1%**)	**124.3**
Total	1119 (For confirmation, these data are delayed.)	**28.8**

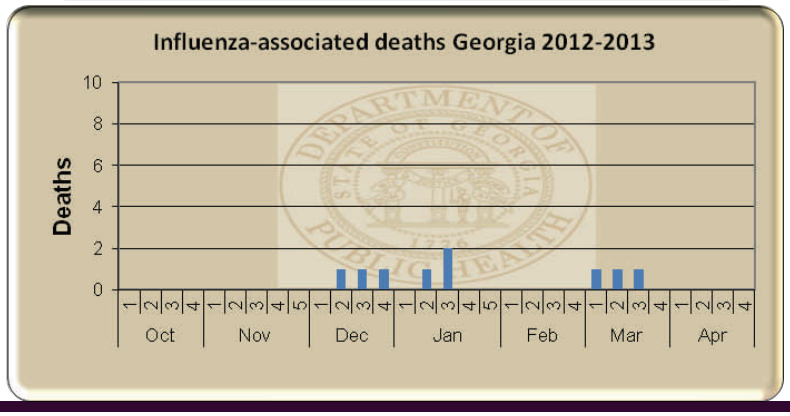
Influenza-Associated Deaths 2012-2013 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)

Age Group	Number of Deaths	
0 - 4	1	
5 -17	2	
18 - 49	2	
50 - 64	0	
65+	4	
Total	9 (For confirmation, these data are delayed.)	

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



Influenza-Associated deaths reported to Public Health



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

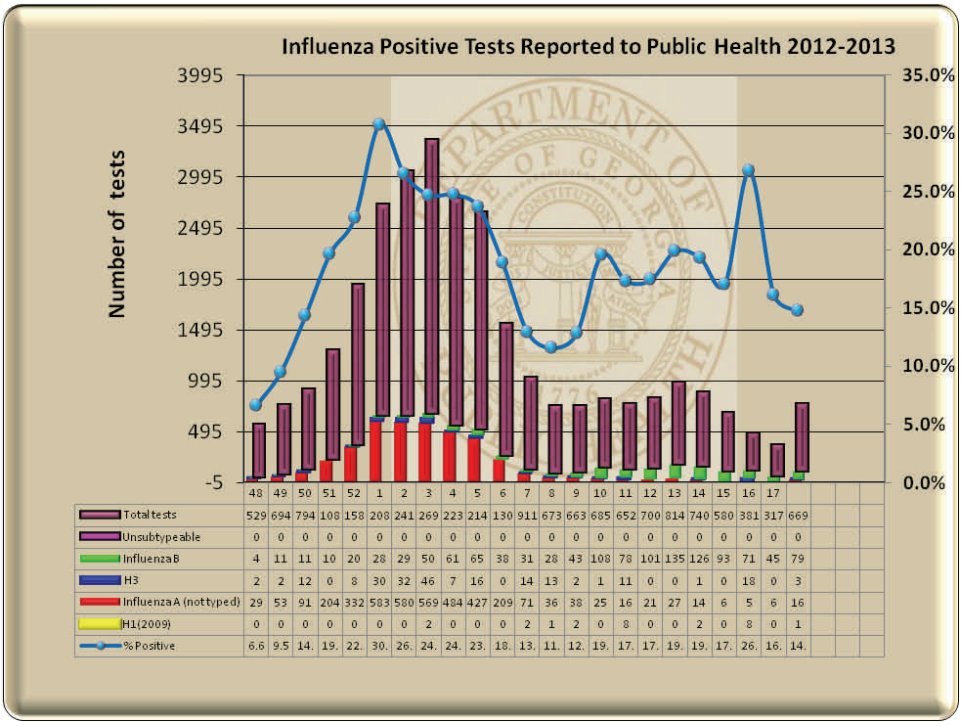
Georgia threshold of RSV season onset and end

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: ON

Georgia Department of Public Health

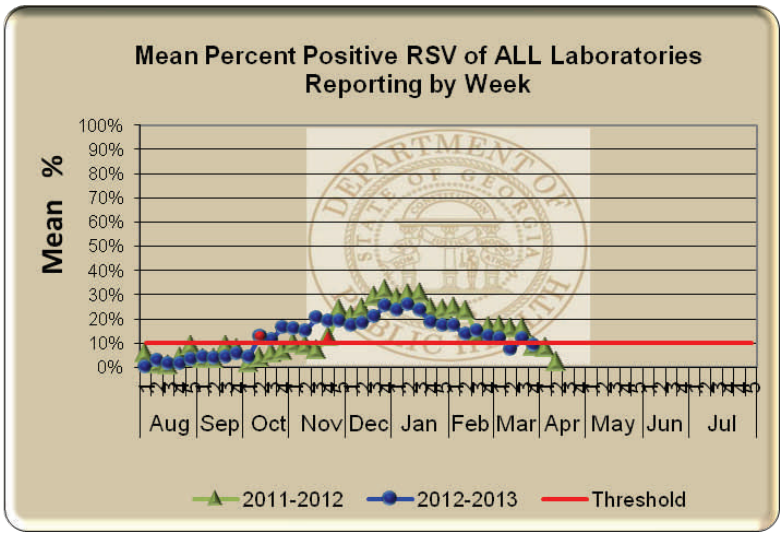
Georgia Virologic Surveillance Data



	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total tests	529	694	794	108	158	208	241	269	223	214	130	911	673	663	685	652	700	814	740	580	381	317	669
Unsubtypeable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza B	4	11	11	10	20	28	29	50	61	65	38	31	28	43	108	78	101	135	126	93	71	45	79
H3	2	2	12	0	8	30	32	46	7	16	0	14	13	2	1	11	0	0	1	0	18	0	3
Influenza A (nottyped)	29	53	91	204	332	583	580	569	484	427	209	71	36	38	25	16	21	27	14	6	5	6	16
H1(2009)	0	0	0	0	0	0	0	2	0	0	0	2	1	2	0	8	0	0	2	0	8	0	1
% Positive	6.6	9.5	14.	19.	22.	30.	26.	24.	24.	23.	18.	13.	11.	12.	19.	17.	17.	19.	19.	17.	26.	16.	14.

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

[CDC HAN 344: Human Infections with Novel Influenza A (H7N9) Viruses]

[CDC working on vaccine, tests for novel H7N9 virus]