

Georgia Weekly Influenza Report

MMWR Week 03

Updated 1/29/2016

Week 03 (Jan. 17 - Jan. 23, 2016) Synopsis

During week 03 there was minimal influenza activity in Georgia with sporadic occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **1.81%**, which is **above** the Georgia baseline of 1.6%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 03.
- **Metro Area Hospitalizations:** There were 4 hospitalizations due to influenza infection during week 03. There have been 47 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 0 confirmed deaths due to influenza. There have been 2 confirmed influenza-associated deaths as of 1/29/2016.
- **Viral Surveillance:** Of the **437** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 03, **17 (3.89%)** were positive for influenza. Georgia Public Health Laboratory (GPHL) tested 5 specimens for influenza during week 01, 3 were positive for influenza.
- **Reported Influenza Outbreaks:** There were **0** influenza-related outbreaks reported to public health during week 03.
- **RSV Viral Surveillance:** Of the **327** 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 03, the percent positive of **ALL** laboratory tests was 19.57%.

Flu News

[Flu Scan: US avian flu plan; More H5N1 in Nigeria; Flu still high in Mideast](#)

[Flu Scan: US flu rise; H5N1 outbreak in China](#)

(Volunteer providers who report percentage of patients with ILI seen by their practice or facility weekly. This week there are currently **28** ILINet providers reporting in Georgia.)

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 03** those under 49 years of age were most often seen with ILI symptoms by ILINet providers.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

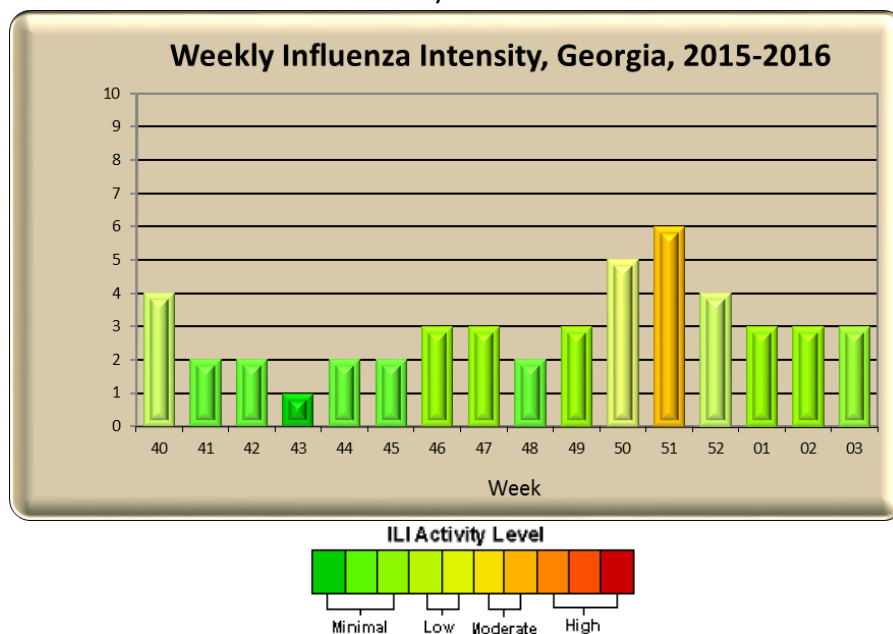
ILI Activity Level Indicator - ILINet

(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/>

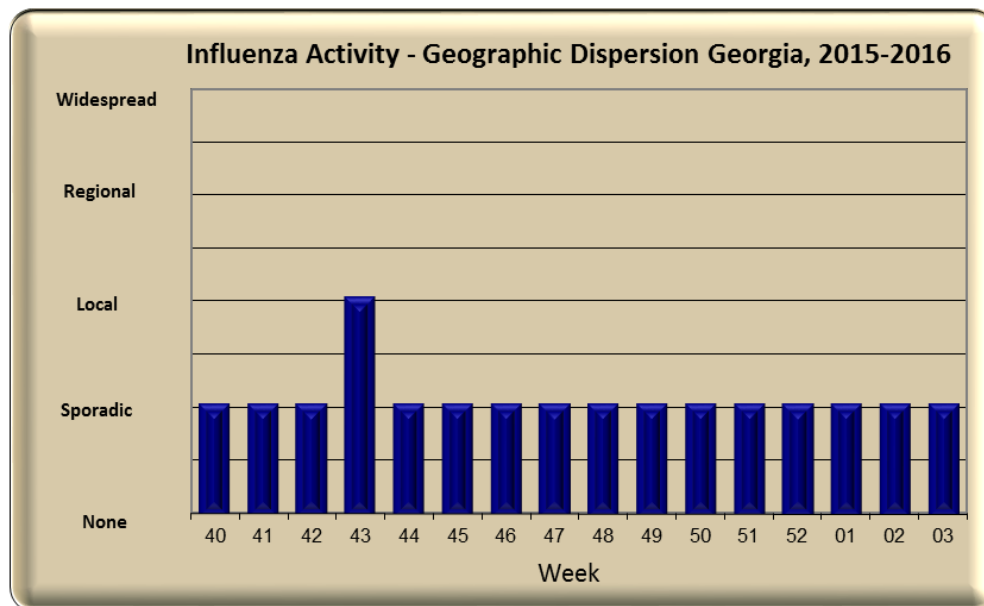
Georgia ILI Intensity Indicator

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**



Georgia ILI Geographic Dispersion



This Week's Flu Code is:

SPORADIC

Sporadic = ILI activity has not increased and isolated lab-confirmed cases of influenza

OR

ILI activity has not increased and a lab confirmed influenza outbreak in one institution.

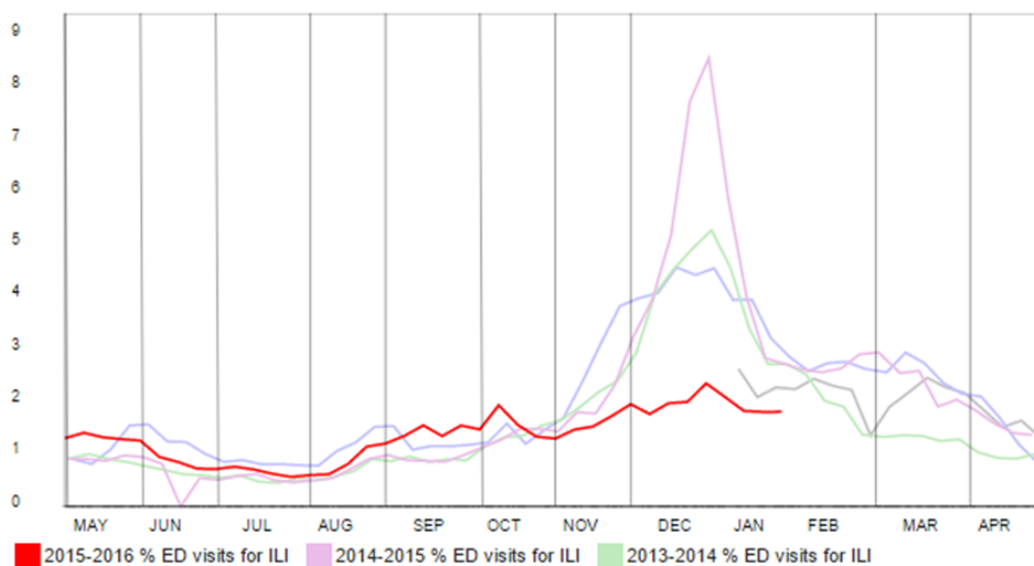
Council of State and Territorial Epidemiologists Report – Geographic Dispersion

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

GEORGIA
DEPARTMENT OF
PUBLIC HEALTH

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

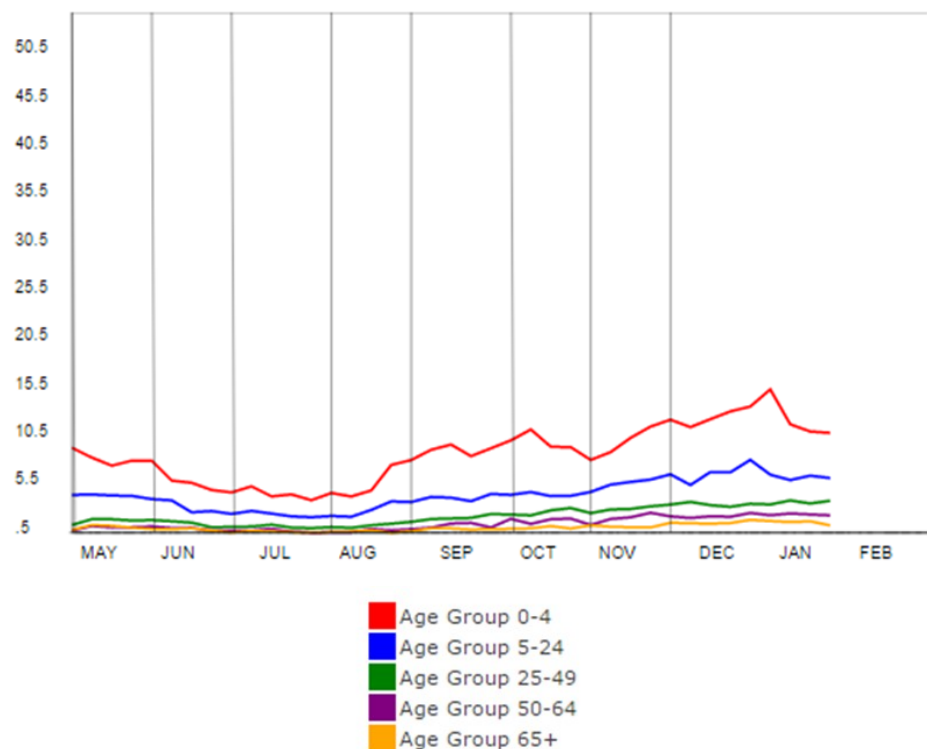
Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 03** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system remained relatively the same compared to the previous week.

Percentage of Patients with ILI Syndrome Visits by Age Group

Syndromic Surveillance
Data Weekly Influenza-like
Illness Syndrome
(percentage of ILI visits by
Age Group)



**GEORGIA
DEPARTMENT OF
PUBLIC HEALTH**

**Influenza Hospitaliza-
tions in the eight county
metro Atlanta area 2015-
2016** (Emerging Infections
Program data)

**Influenza-Associated
Deaths 2015-2016
Statewide** (Influenza-
associated deaths are a notifi-
able condition in Georgia)

**Influenza-Associated hos-
pitalizations in the eight-
county metro Atlanta
area** (Emerging Infec-
tions Program data)

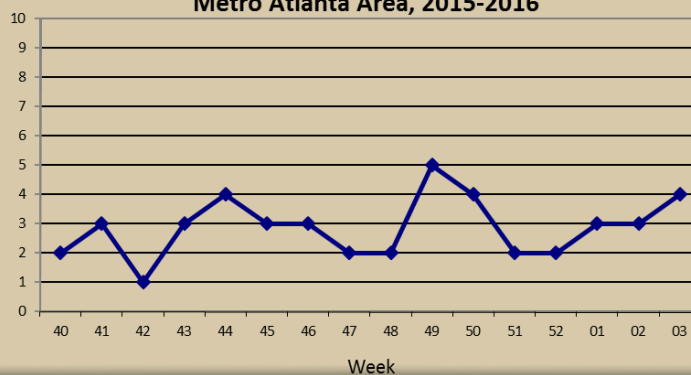
**Influenza-Associated
deaths reported to Public
Health**

Georgia Influenza-Associated Hospitalizations and Deaths

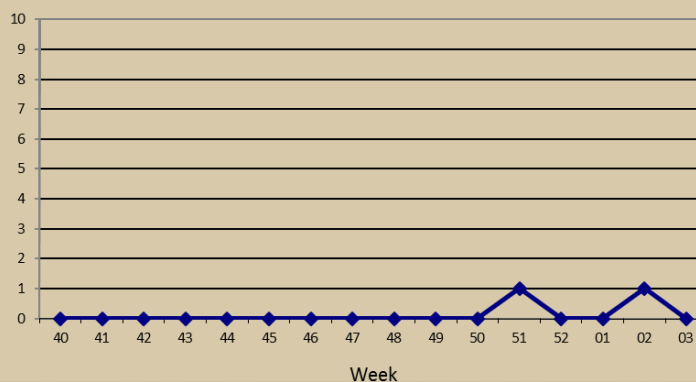
Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	7
5 -17	0
18 - 51	14
51 - 64	9
65+	17
Total	47

Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	2
Total	2 (For confirmation, these data are delayed.)

**Influenza-associated Hospitalizations in the Eight County
Metro Atlanta Area, 2015-2016**



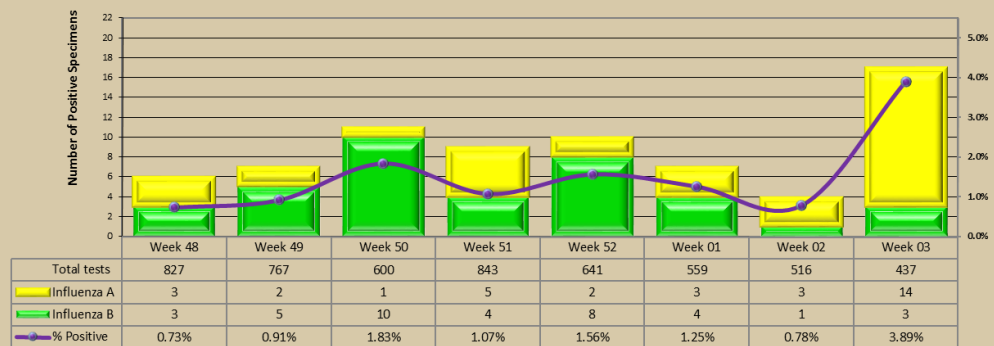
Influenza-associated Deaths, Georgia, 2015-2016



Georgia Virologic Surveillance Data

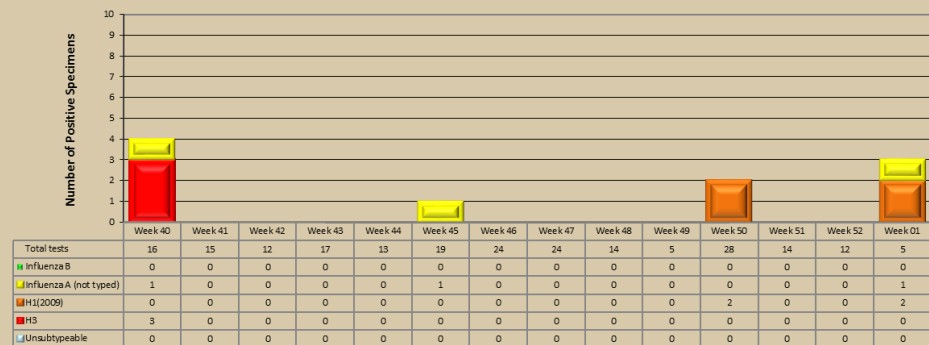
GEORGIA DEPARTMENT OF PUBLIC HEALTH

Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2015-2016, Week 48-03



During **week 03** Georgia clinical laboratories reporting to NREVSS tested 437 specimens for influenza, 17 (3.89%) were positive. The predominate strain identified was influenza A.

Influenza Positive Tests from Georgia Public Health Laboratory, Georgia, 2015-2016, Week 40-01



During **week 01** Georgia Public Health Laboratory tested 5 specimens for influenza, 3 were positive (2 influenza A(H1N1) and 1 influenza A untyped).

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 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**

Respiratory Syncytial Virus (RSV) Surveillance Data

Percent Positive of RSV Tests By Week 2015-2016 Season

