

Georgia Weekly Influenza Report

MMWR Week 04

Updated 2/2/2018

Week 04 (January 21 — January 27, 2018) Synopsis

During week 04 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **14.3%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 04.
- **Metro Area Hospitalizations:** There were 120 hospitalizations due to influenza infection during week 04. There have been 1,027 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 04, there have been 51 confirmed influenza-associated deaths (1 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the **2,310** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 04, and **666 (28.8%)** were positive for influenza. Public Health Laboratories tested 40 specimens during week 04, 15 specimens were positive for influenza.
- **Reported Influenza Outbreaks:** There have been **80** influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **593** 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 04, the percent positive of **ALL** laboratory tests was **8.8%**.

Flu News

[Health Map Vaccine Finder](#)

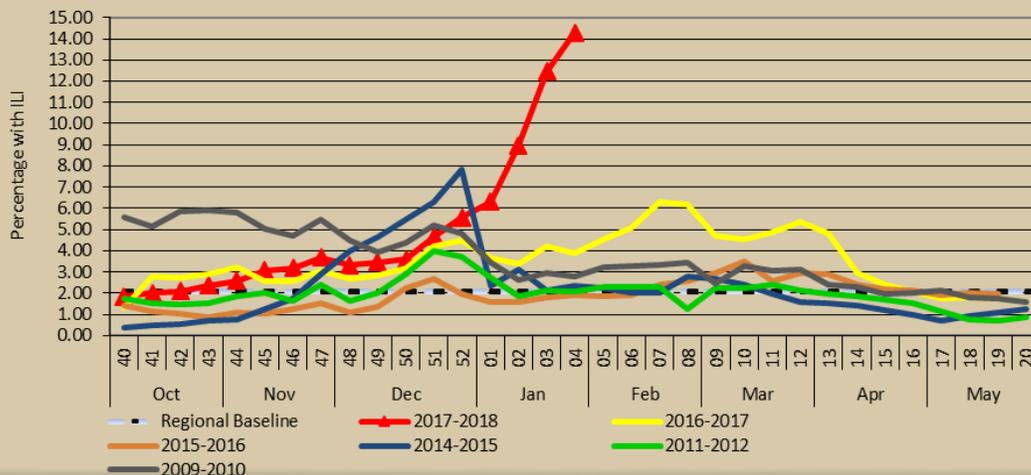
[Canadian data show low flu vaccine protection against H3N2](#)

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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 **50** ILINet providers reporting in Georgia.)

ILINet Provider Network Data

Percentage of patients with ILI who visited an ILINet provider, Georgia, 2017-2018 and Selected Previous Seasons

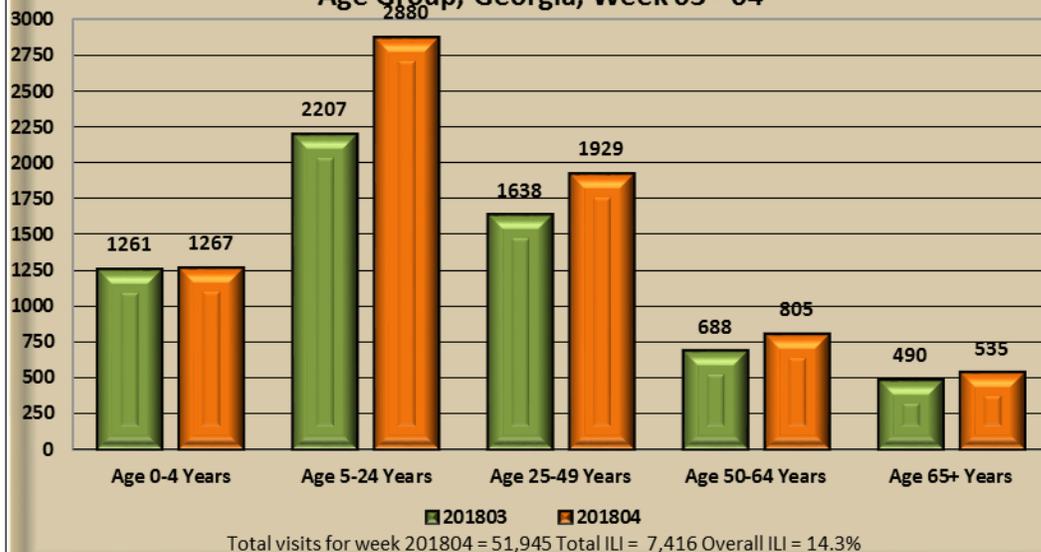


This Week: **14.3%** of patients seen in ILINet Provider offices were seen with ILI.

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

ILINet Patient Visits By Age Group

Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 03 - 04



During **week 04** those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

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.

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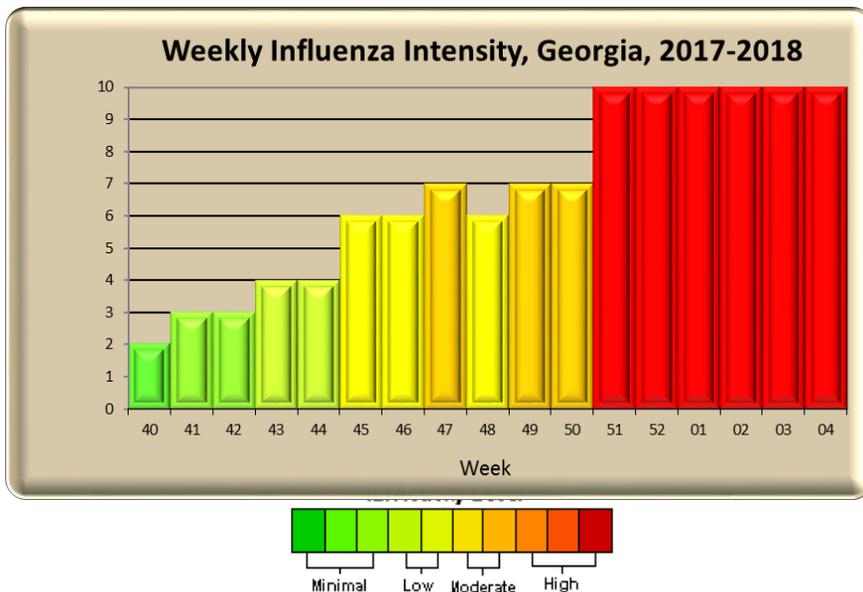
ILI Activity Level Indicator - ILINet

(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/>)

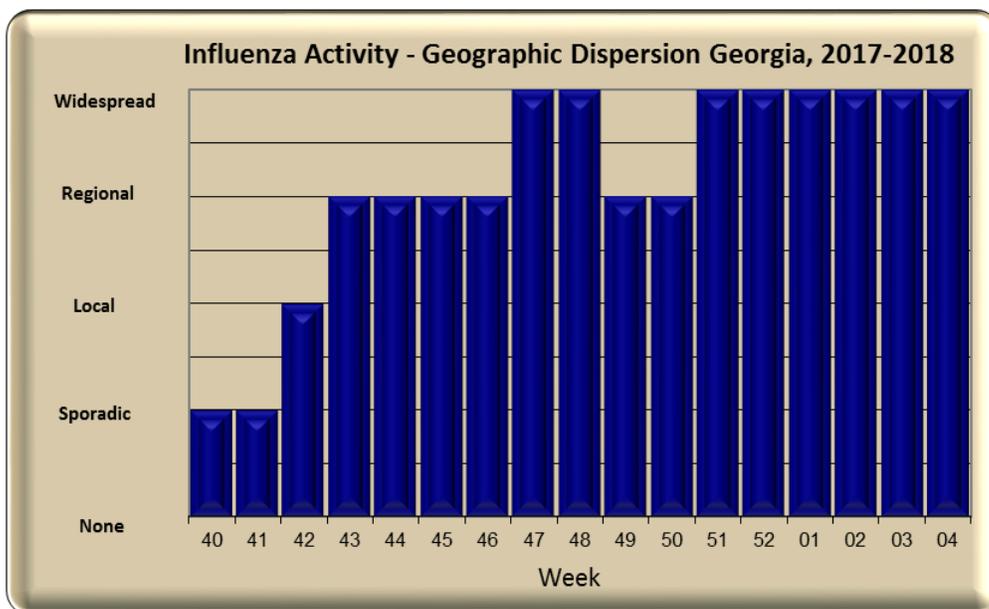
Georgia ILI Intensity Indicator

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: **High = 10**



Georgia ILI Geographic Dispersion



This Week's Flu Code is:

WIDESPREAD

Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions

AND

Recent (within the past 3 weeks) lab confirmed influenza in the state in region with the outbreaks; virus activity is no greater than sporadic in other regions

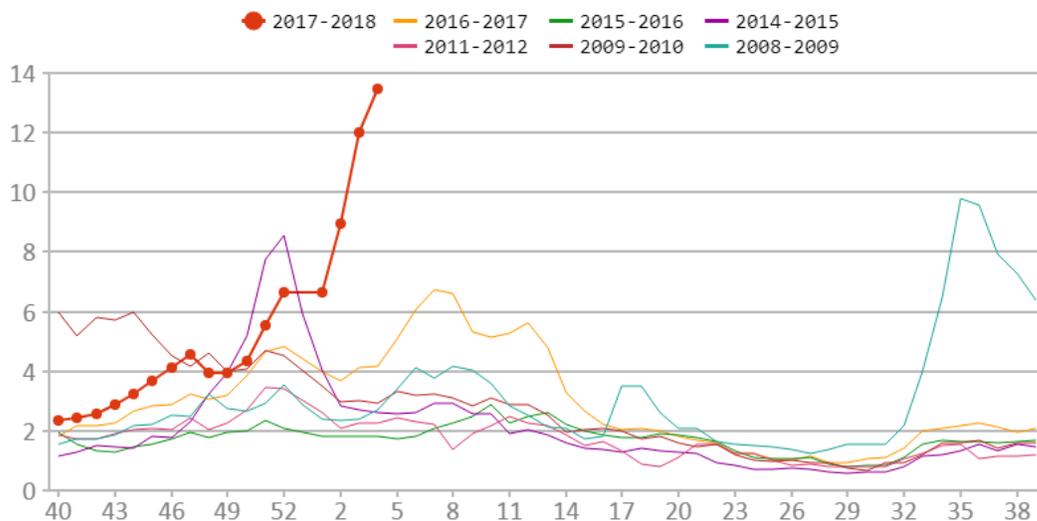
Council of State and Territorial Epidemiologists Report – Geographic Dispersion

(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)

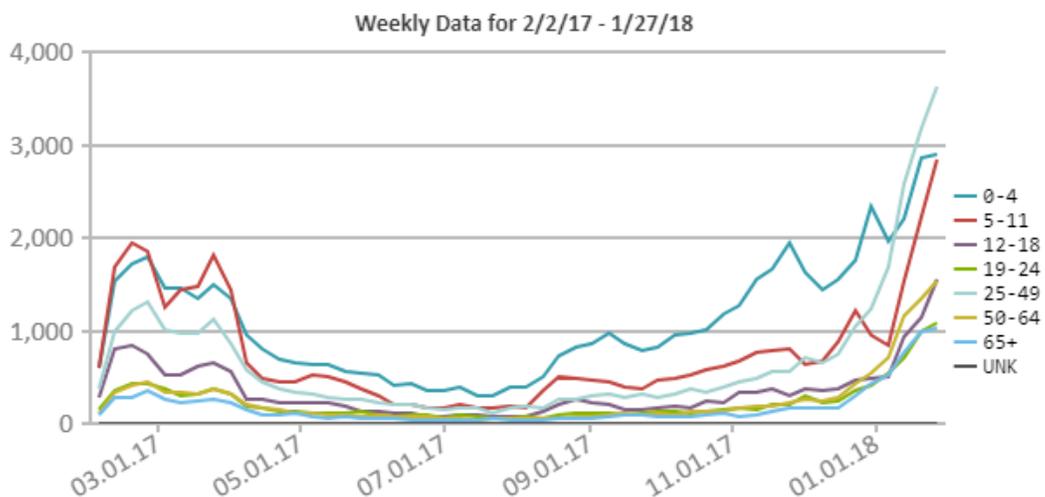
Percent of ILI Visits to Georgia Emergency Departments by
MMWR Week



During **week 04** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 13.5%, increased compared to the previous week (from 12% during week 03).

Number of Patient Visits with ILI Syndrome by Age Group

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



Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Cases/100,000
0 - 4	98	36.45
5 -17	57	7.79
18 - 49	219	11.84
50 - 64	195	26.69
65+	458	111.32
Unknown	0	N/A
Total	1,027	25.73

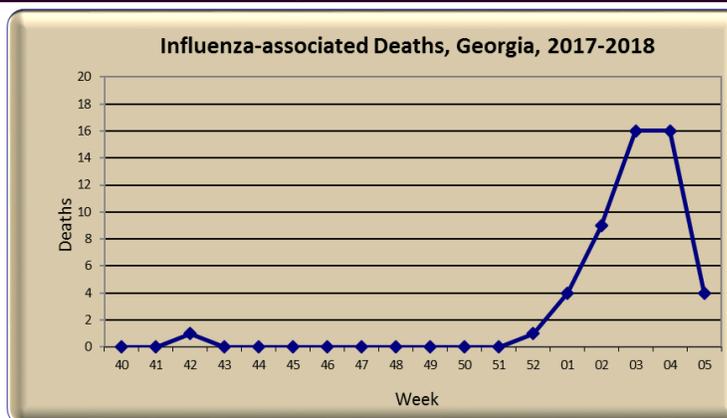
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



Georgia Influenza-Associated Deaths

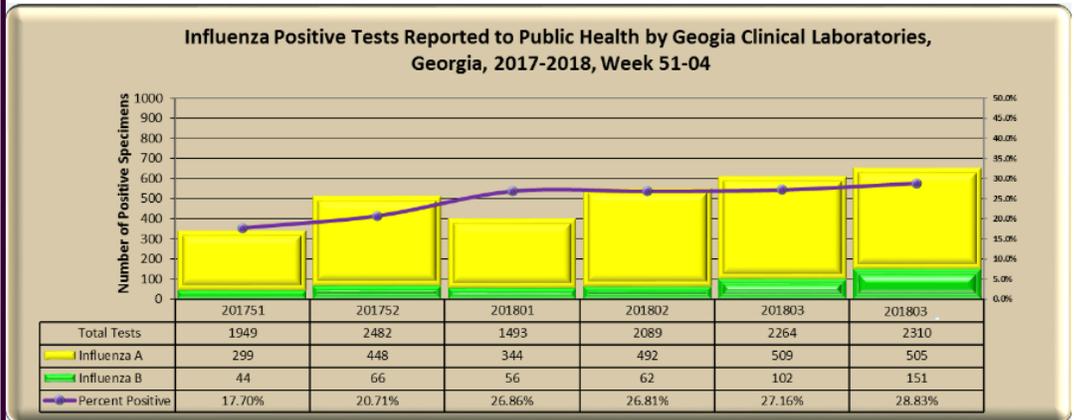
Age Group	Number of Deaths
0 - 4	0
5 -17	1
18 - 51	7
51 - 64	7
65+	36
Total	51

Influenza-Associated Deaths 2017-2018 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)



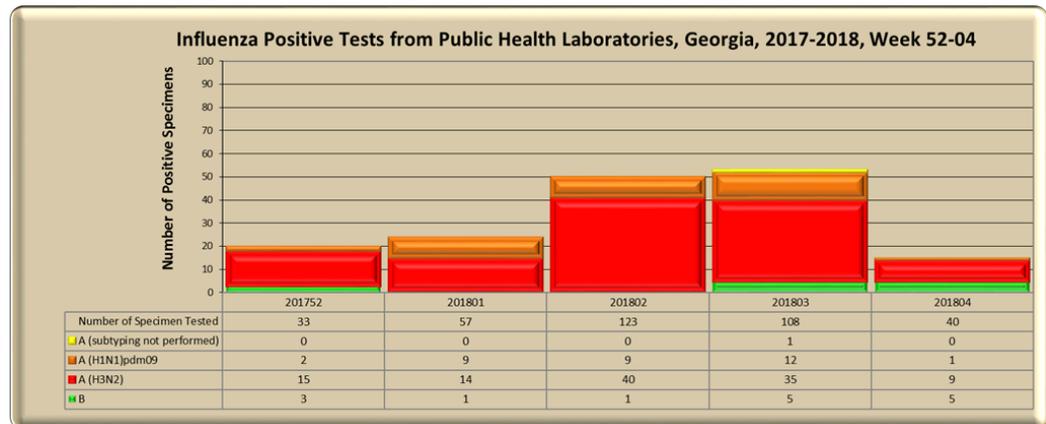
Georgia Virologic Surveillance Data

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During **week 04** Georgia clinical laboratories reporting to NREVSS tested 2,310 specimens for influenza, 666 (28.8%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 40 specimens for influenza during **week 04**, 15 specimens were positive for influenza (influenza A(H3N2), influenza A(H1N1) and influenza B).

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: ON

Respiratory Syncytial Virus (RSV) Surveillance Data

