

Georgia Weekly Influenza Report

MMWR Week 08

Updated 3/2/2018

Week 08 (February 18 — February 24, 2018) Synopsis

During week 08 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **6.5%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 08.
- **Metro Area Hospitalizations:** There were 49 hospitalizations due to influenza infection during week 08. There have been 2,409 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 08, there have been 118 confirmed influenza-associated deaths (4 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the **1,122** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 08, 251 (**22.4%**) were positive for influenza. Public Health Laboratories tested 23 specimens, 6 were positive for influenza.
- **Reported Influenza Outbreaks:** There have been **156** influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **322** 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 08, the percent positive of **ALL** laboratory tests was **6.52%**.

Flu News

[Health Map Vaccine Finder](#)

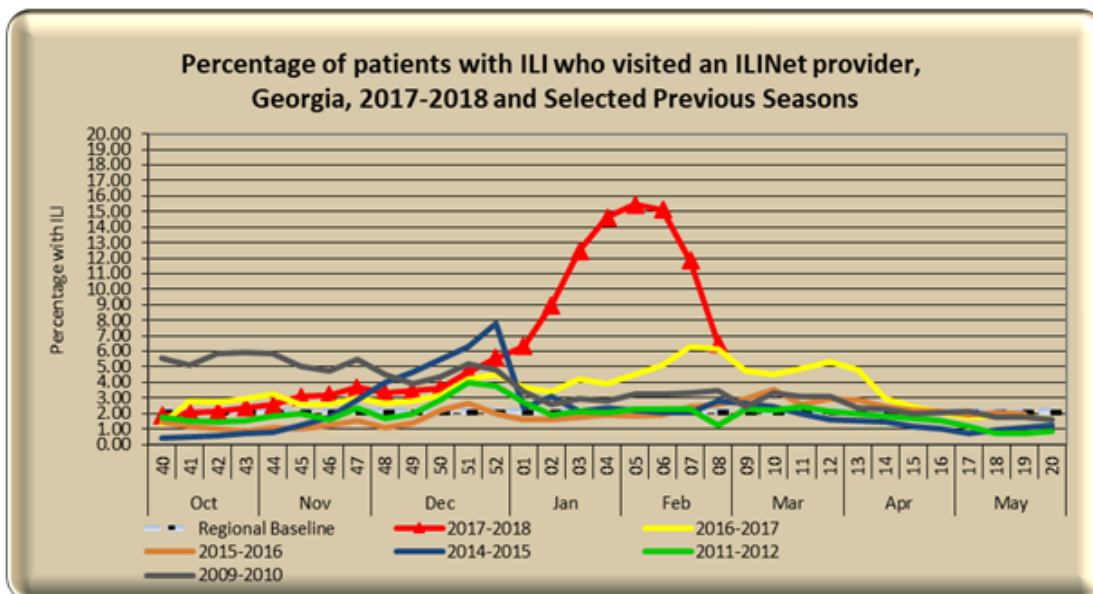
[Interim Estimates of 2017-18 Seasonal Influenza Vaccine Effectiveness—United States, February 2018](#)

[US flu has likely peaked, but hospital illness still high](#)

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

ILINet Provider Network Data



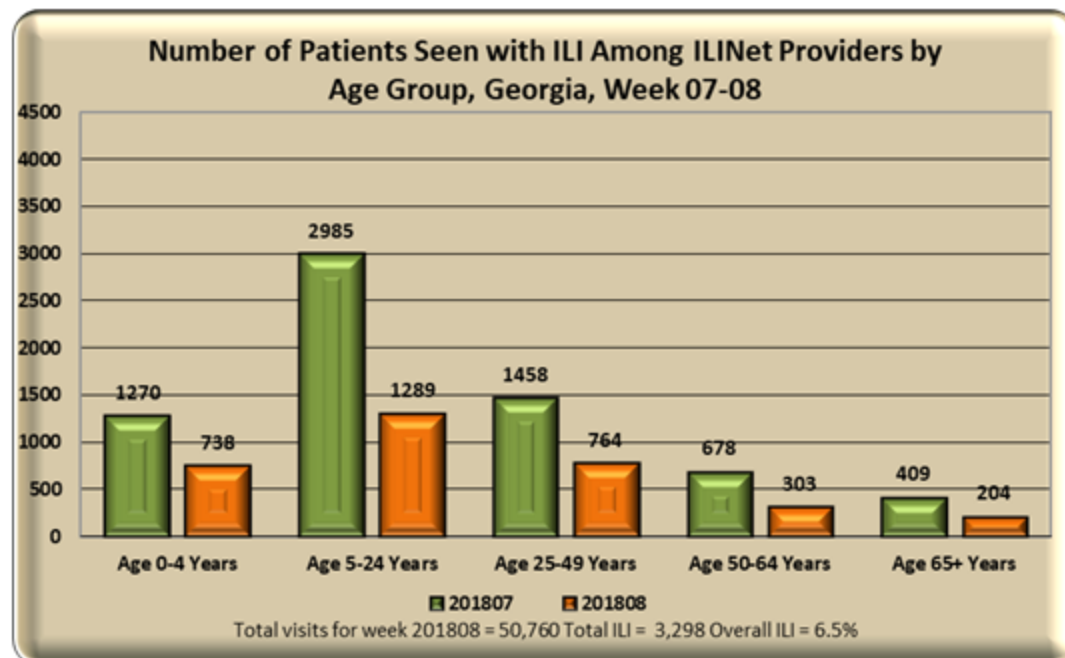
This Week: **6.5%** of patients seen in ILINet Provider offices were seen with ILI.

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

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

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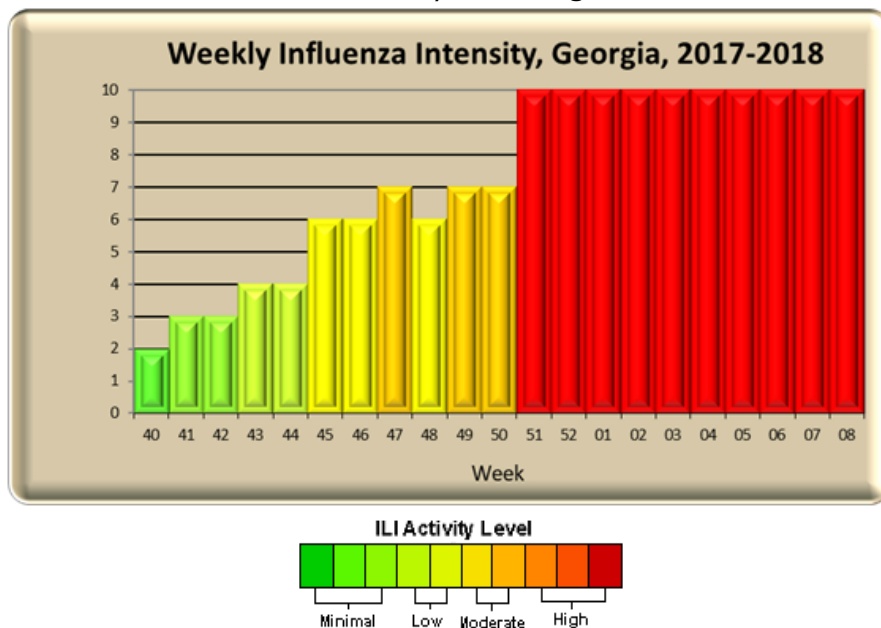
ILI Activity Level Indicator - ILINet

(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/>)

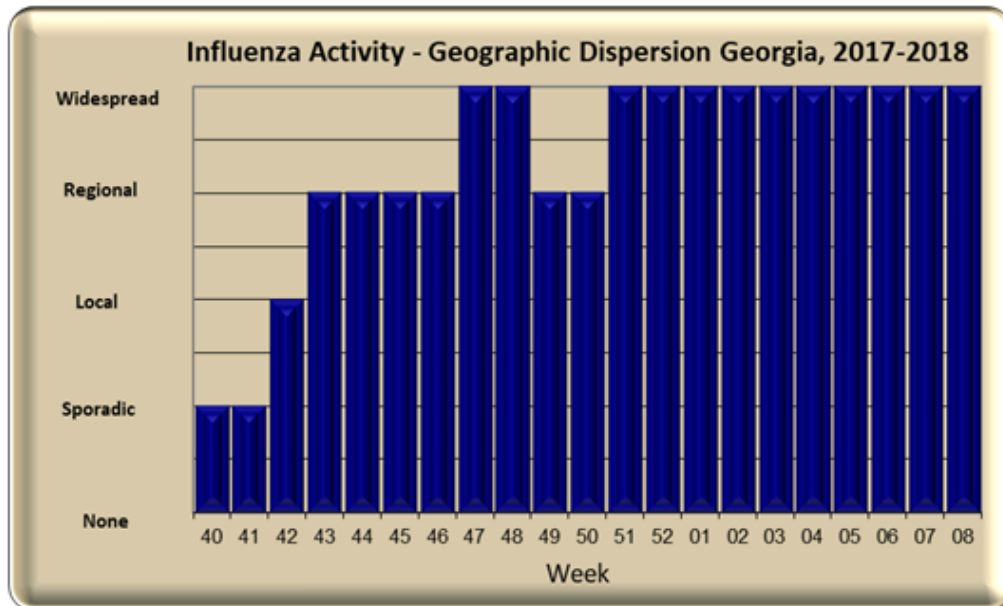
Georgia ILI Intensity Indicator

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

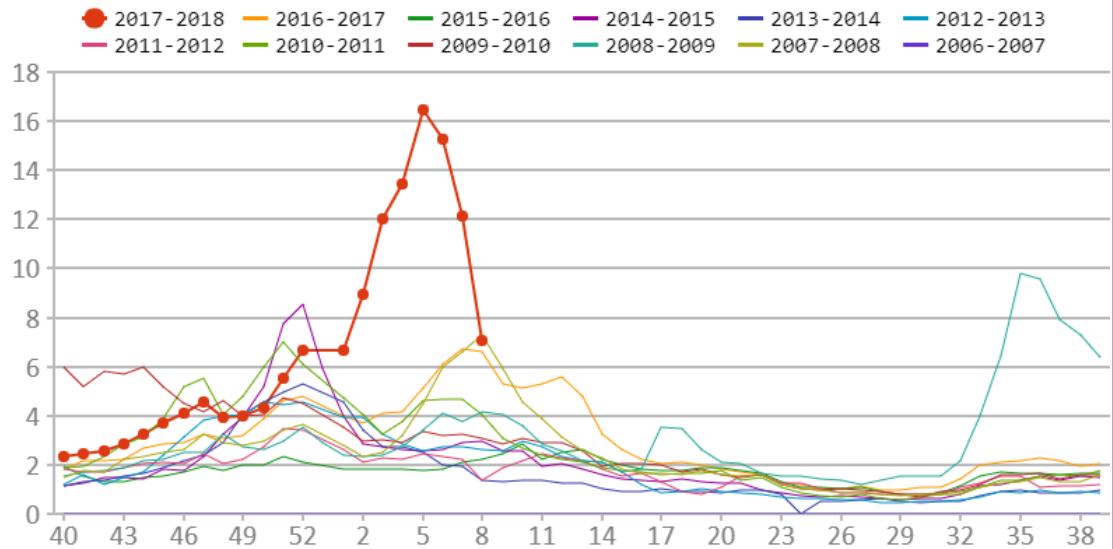
Council of State and Territorial Epidemiologists Report – Geographic Dispersion

(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)

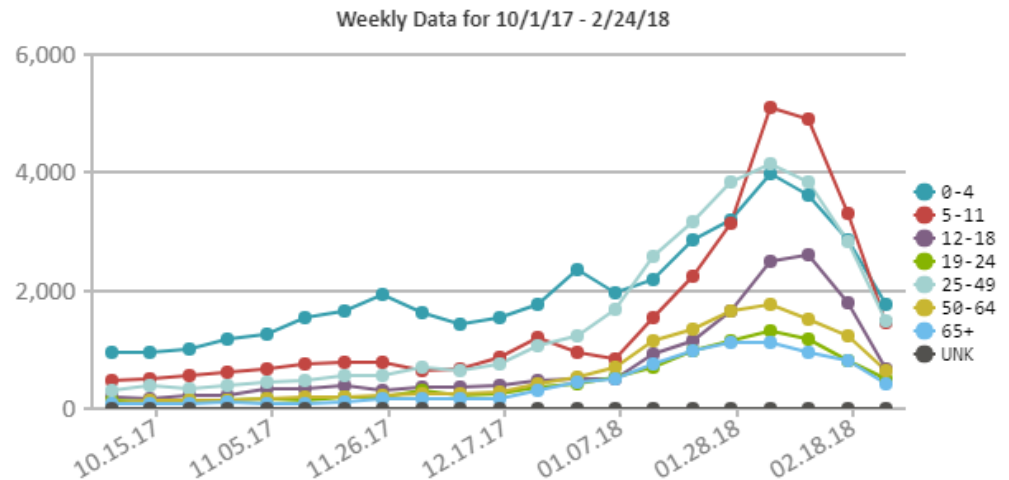
Percent of ILI Visits to Georgia Emergency Departments by MMWR Week



During **week 08** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 7.1%, decreased compared to the previous week (from 12.2% during week 07).

Number of Patient Visits with ILI Syndrome by Age Group

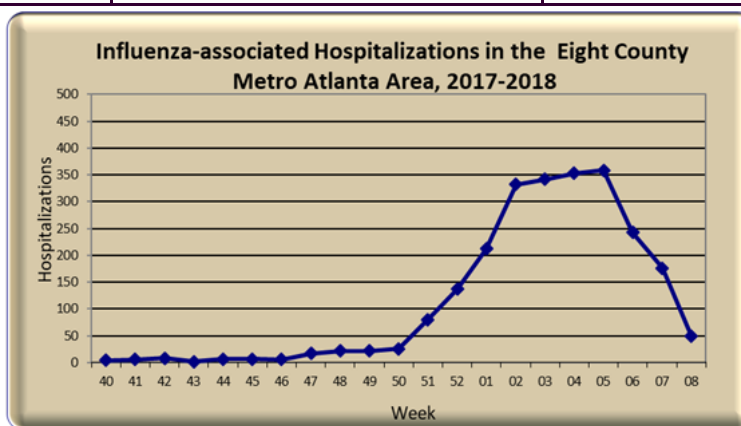
Syndromic Surveillance
Data Weekly Influenza-like
Illness Syndrome
(Number of ILI visits by Age
Group)



**Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Cases/100,000
0 - 4	187	59.56
5 -17	145	19.81
18 - 49	500	27.04
50 - 64	507	69.40
65+	1,070	260.07
Unknown	0	N/A
Total	2,409	60.35

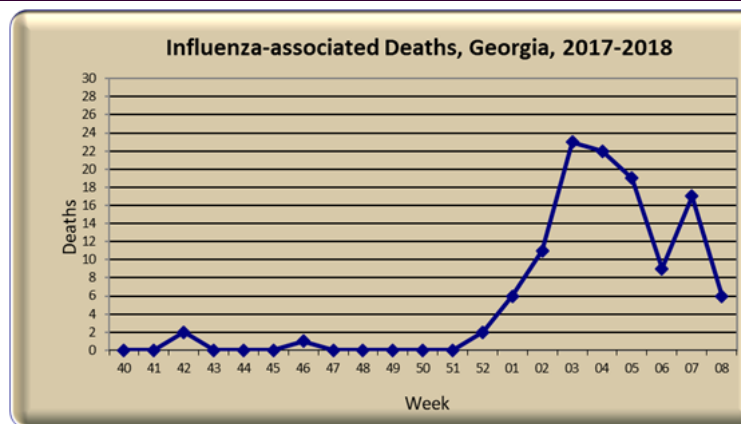
Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018 (Emerging Infections Program data)



Georgia Influenza-Associated Deaths

Age Group	Number of Deaths
0 - 4	0
5 -17	4
18 - 51	10
51 - 64	21
65+	83
Total	118

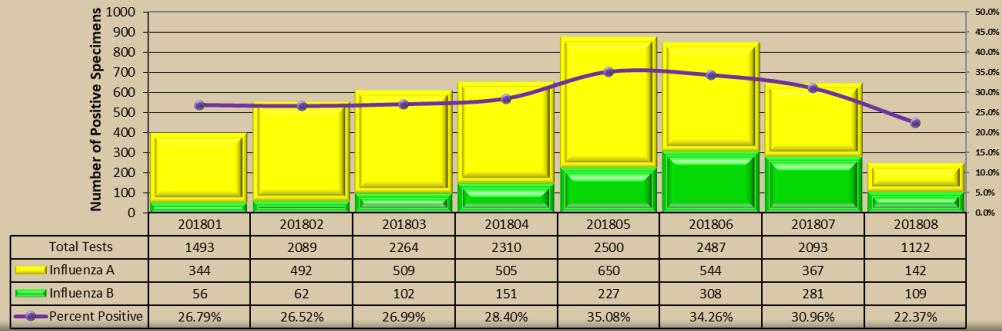
Influenza-Associated Deaths 2017-2018 Statewide (Influenza-associated deaths are a notifiable condition in Georgia)



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Georgia Virologic Surveillance Data

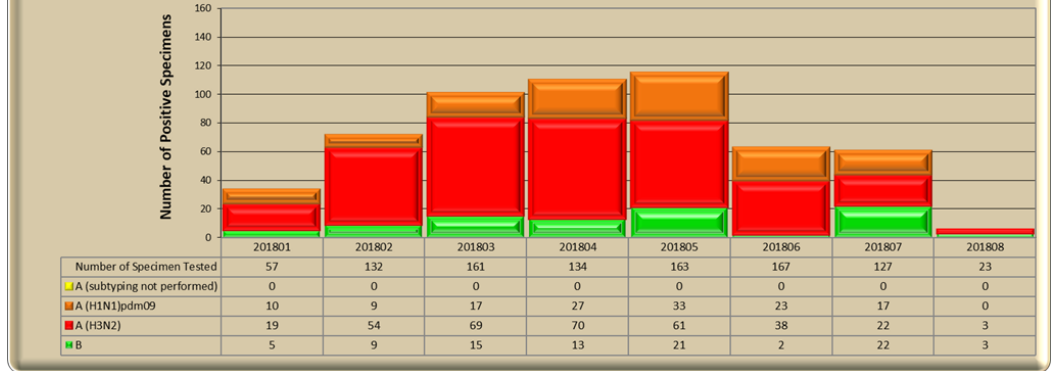
Influenza Positive Tests Reported to Public Health by Georgia Clinical Laboratories, Georgia, 2017-2018, Week 01-08



During **week 08** Georgia clinical laboratories reporting to NREVSS tested 1,122 specimens for influenza, (35.1%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories

Influenza Positive Tests from Public Health Laboratories, Georgia, 2017-2018, Week 01-08



Public Health Laboratories tested 23 specimens for influenza during **week 08**, 6 specimens were positive for influenza (influenza A(H3N2) 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: OFF

Respiratory Syncytial Virus (RSV) Surveillance Data

Percent Positive of RSV Tests By MMWR Week 2017-2018 Season

