

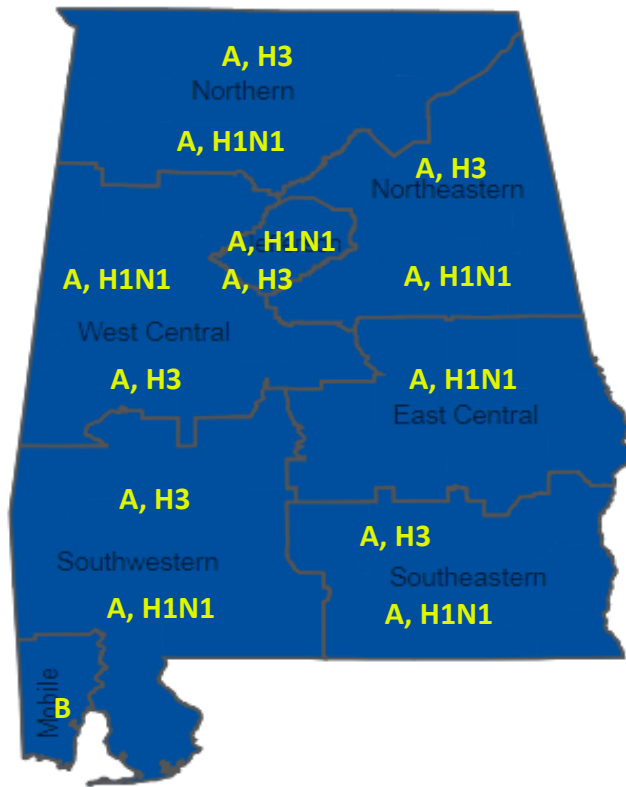


# Alabama's Weekly Influenza Report

SEASON: 2018-2019 | MMWR WEEK: 7 (FEBRUARY 10 - FEBRUARY 16) | MMWR YEAR: 2019

## WHAT THE FLU IS GOING ON IN ALABAMA?

- Influenza-like illness is at **8.93%** statewide. This represents an increase in the number of patients visiting their doctor with flu-like symptoms for the fifth week in a row
- Geographic spread\*\* was reported as **widespread** to the Centers for Disease Control and Prevention (CDC)
- During the last three weeks, Influenza A, 2009 H1; Influenza A, H3; and Influenza B were identified. Although subtype H3 was reported, they were most likely H3N2.
- During Week 7 (February 10 – February 16), **85** influenza-like illness (ILI) outbreaks were reported



- Districts with significant<sup>1</sup> influenza activity detected
- Districts with lab-confirmed case (s) within last 3 weeks
- Districts with no significant<sup>1</sup> influenza activity reported

<sup>1</sup>Significant influenza activity is based on reported influenza-like illness data or reported influenza outbreaks **AND** PCR positive influenza specimens from the previous 3 weeks.

### Notes:

\*Information on outpatient visits to healthcare providers for ILI is collected through the U.S. Outpatient ILI Surveillance Network (ILINet). In Alabama, data is submitted using one of two methods: manual data entry by providers (ILINet) or electronic transmission by hospitals of syndromic surveillance data (ESSENCE).

\*\* Geographic spread is determined based on district activity levels and virologic surveillance.

## INFLUENZA RELATED DEATHS DURING THE 2018-2019 FLU SEASON (SEPTEMBER 30—FEBRUARY 16)

= 5 individuals  
 = 1 individual

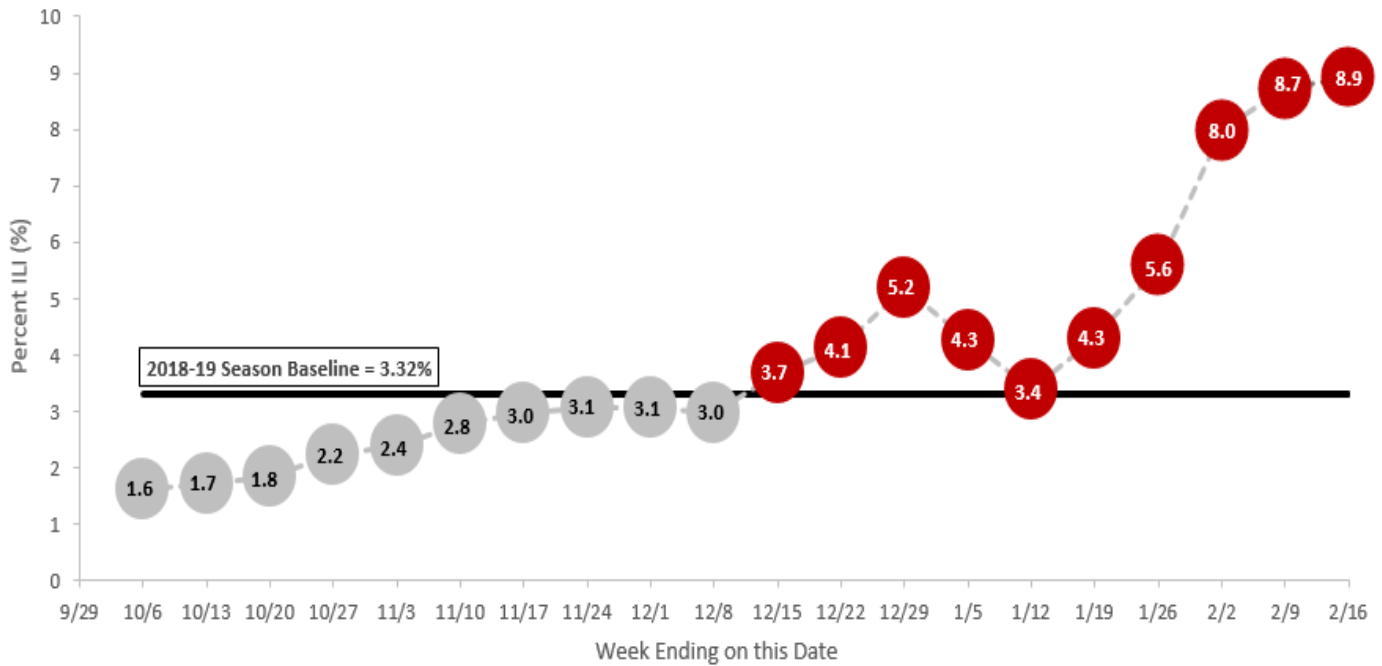
Pediatric (1)



Adult (20)



# ALABAMA'S OVERALL INFLUENZA ACTIVITY CONTINUES TO INCREASE FOR THE 5TH WEEK IN A ROW



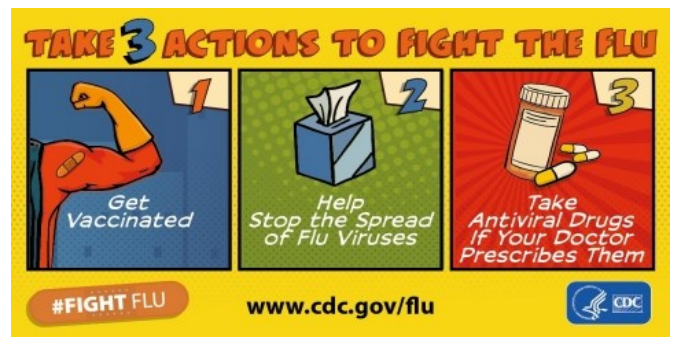
## REPORTED OUTBREAKS BY DISTRICT FOR WEEK 7 (FEBRUARY 10 — FEBRUARY 16)

Districts	Number of Reported Outbreaks
East Central	11
Jefferson	4
Northeastern	3
Northern	48
Southeastern	11
Southwestern	2
West Central	6
Mobile	0
<b>Grand Total</b>	<b>85</b>

## FIGHT THE FLU

- Get yourself and your family vaccinated!
- Take everyday preventive actions to help stop the spread of flu viruses!
- Take antiviral drugs if your doctor prescribes them!

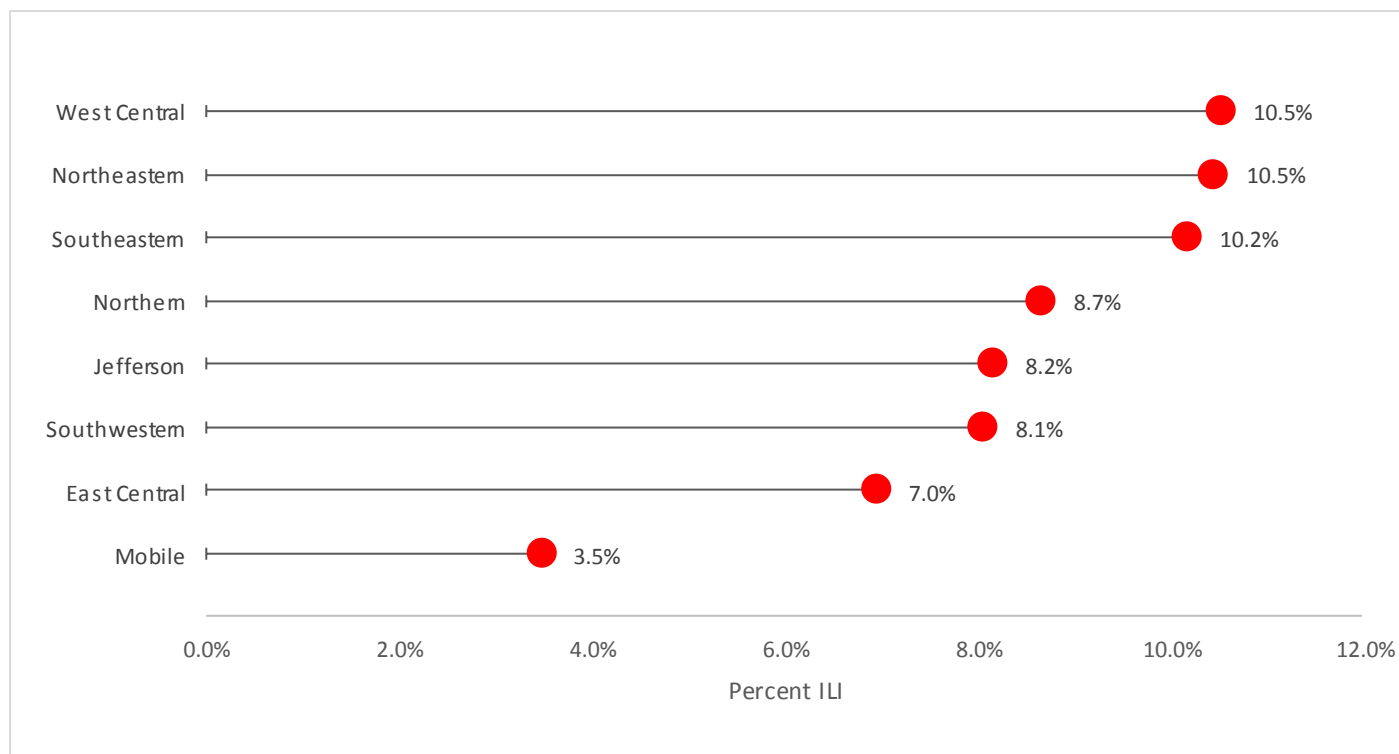
Poster: <https://bit.ly/2NPEPxN>



## NEWS FROM THE BCL

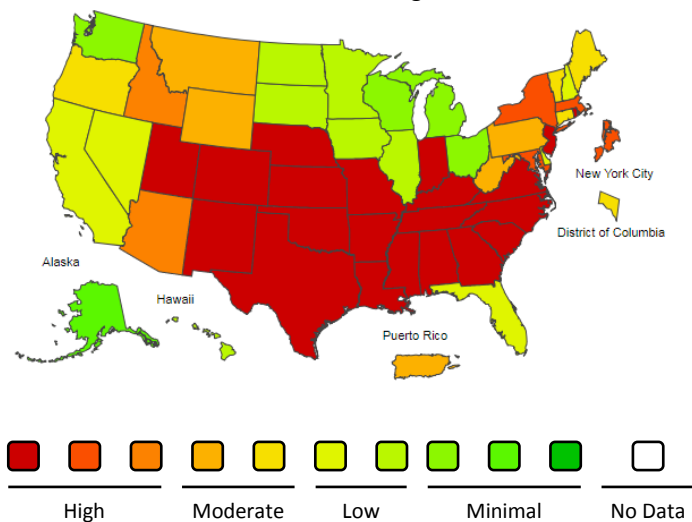
- The BCL has received several specimens that were unsatisfactory for testing; so please remember to send specimens overnight Monday through Thursday, and on frozen cold packs to ensure they are kept at a suitable temperature for testing.

## ALL EIGHT DISTRICTS ARE REPORTING SIGNIFICANT INFLUENZA-LIKE ILLNESS ACTIVITY (FEBRUARY 10—FEBRUARY 16)



## WHAT THE FLU IS GOING ON IN THE UNITED STATES?

ILI Activity Level Indicator Determined by Data Reported to ILINet for week ending Feb 09, 2019

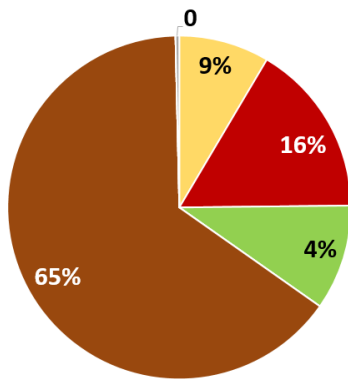


- During Week 6 (February 3 - February 9), 27 states experienced **high** ILI activity. District of Columbia, Puerto Rico, and eight states experienced **moderate** ILI activity. Eleven states experienced **low** ILI activity. The U.S. Virgin Island and five states experienced **minimal** ILI activity.
- Influenza activity **increased** in the United States. Influenza A(H1N1)pdm09, influenza A(H3N2), and influenza B viruses continued to **co-circulate**.
- The geographic spread of influenza in 49 states was reported as **widespread**; one state reported **regional** activity; the District of Columbia and one state reported **local** activity; the U.S. Virgin Islands reported **sporadic** activity; and Guam did not report.
- The proportion of outpatient visits for influenza-like illness (ILI) increased to **4.8%**, which is above the national baseline of 2.2%.
- According to FluSurv-Net the overall hospitalization rate this season is **23.8 per 100,000 population**. The highest rate of hospitalization was among adults aged  $\geq 65$  (64.1 per 100,000 population), followed by children aged 0-4 (36.8 per 100,000 population) and adults aged 50-64 (32.5 per 100,000 population).

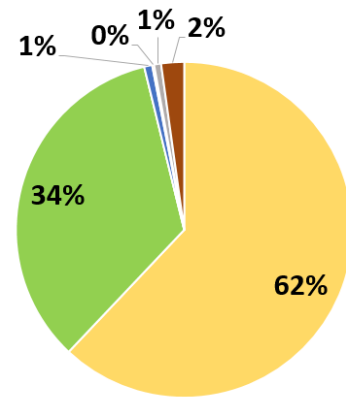
Source: Centers for Disease Control and Prevention

## INFLUENZA POSITIVE SPECIMENS REPORTED DURING THE 2018-2019 SEASON, BY SUBTYPE

CURRENTLY CIRCULATING IN ALABAMA



CIRCULATING IN THE UNITED STATES



### WHAT ELSE IS CIRCULATING IN ALABAMA? (JANUARY 20 - FEBRUARY 16)

Respiratory Panel Targets*	NRTH	NERN	WCEN	JEFF	ECEN	SWRN	SERN	MOBL
Adenovirus						X		
Coronavirus 229E			X			X		
Coronavirus OC43						X		
Coronavirus NL63						X		
Human Bocavirus						X		
Human Metapneumovirus						X		
Human Rhinovirus/Enterovirus			X			X		X
Parainfluenza 3						X		
Respiratory Syncytial Virus A								
Respiratory Syncytial Virus B						X		

\* Respiratory Panel Targets Include: Adenovirus, *Chlamydophila pneumoniae*, Coronavirus 229E, Coronavirus HKU1, Coronavirus NL63, Coronavirus OC43, Human Metapneumovirus, Human Rhinovirus/Enterovirus, *Mycoplasma pneumoniae*, Parainfluenza 1, Parainfluenza 2, Parainfluenza 3, Parainfluenza 4, Respiratory Syncytial Virus A, and Respiratory Syncytial Virus B

### RESOURCES

ADPH's Influenza Website: <http://www.alabamapublichealth.gov/influenza>

ADPH's Seasonal Trend Graph: <http://www.alabamapublichealth.gov/influenza/assets/ilibclpositives1.pdf>

CDC's Weekly U.S. Influenza Surveillance Report: <https://www.cdc.gov/flu/weekly>