

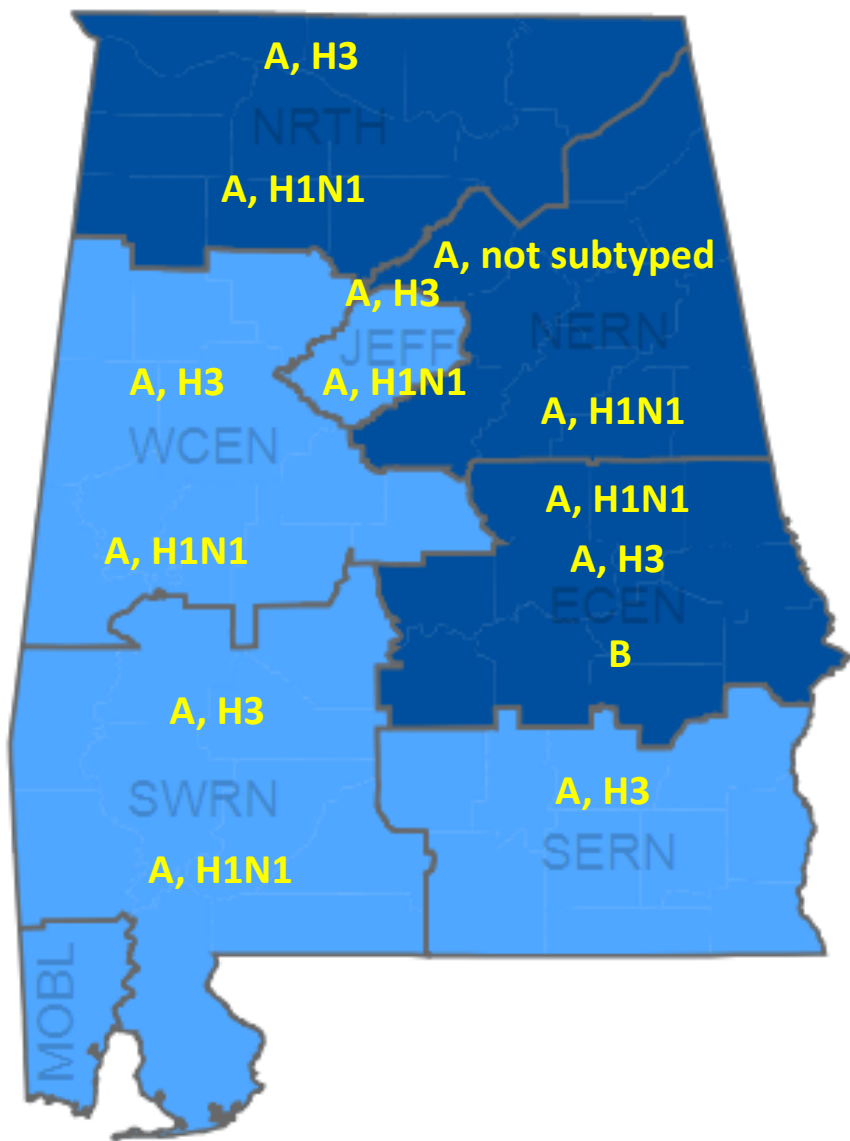


Alabama's Weekly Influenza Report

SEASON: 2018-2019 | MMWR WEEK: 2 (JANUARY 6 - JANUARY 12) | MMWR YEAR: 2019

WHAT THE FLU IS GOING ON IN ALABAMA?

- Activity* levels across the state are **3.32%**, a decrease for the second week in a row
- Geographic spread** was reported as **regional** to the Centers for Disease Control and Prevention (CDC)
- During the last three weeks, Influenza A, 2009 H1, Influenza A, H3, Influenza A, H3N2, and Influenza B were identified
- **Four** influenza-like illness (ILI) outbreaks were reported during Week 2 (January 6 – January 12)
- **No** pediatric deaths were reported during Week 2 (January 6 – January 12)



- Districts with significant¹ influenza activity detected
- Districts with lab-confirmed case (s) within last 3 weeks
- Districts with no significant¹ influenza activity reported

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

Abbreviations:

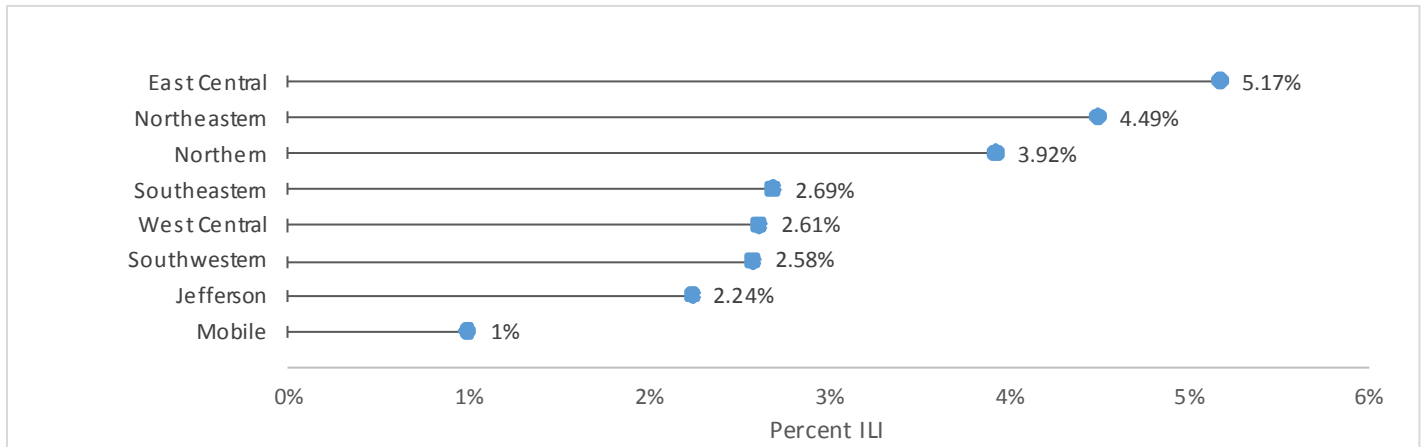
NS = No specimen submissions

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.

DISTRICT ILI PERCENTAGES FOR WEEK 2 (JANUARY 6—JANUARY 12)



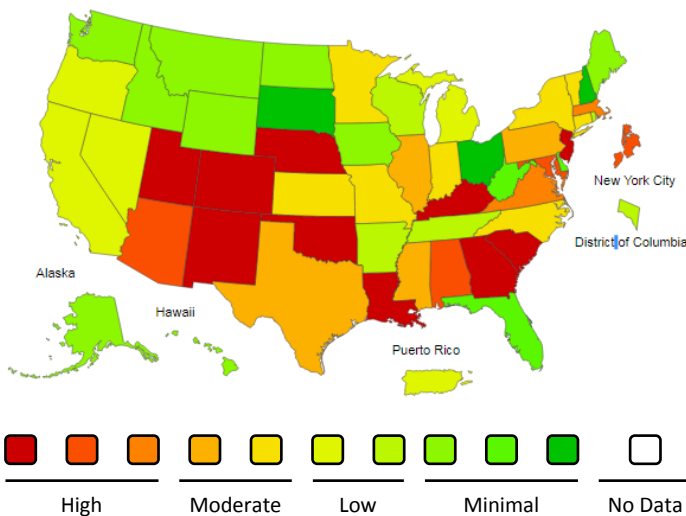
ANTIVIRAL RESISTANCE IN THE UNITED STATES

High levels of resistance to the adamantanes (amantadine and rimantadine) persist among influenza A(H1N1) pdm09 and influenza A(H3N2) viruses (the adamantanes are not effective against influenza B viruses).

WHAT ELSE IS CIRCULATING IN ALABAMA? (DECEMBER 23 - JANUARY 12)

Respiratory Panel Targets	NRTH	NERN	WCEN	JEFF	ECEN	SWRN	SERN	MOBL
Adenovirus	X				X			X
<i>Chlamydomphila pneumoniae</i>								
Coronavirus 229E								
Coronavirus OC43			X					X
Coronavirus NL63			X					
Coronavirus HKU1								
Human Bocavirus	X		X					
Human Metapneumovirus	X		X	X				
Human Rhinovirus/Enterovirus	X		X	X	X	X		X
<i>Mycoplasma pneumoniae</i>								
Parainfluenza 1								
Parainfluenza 2			X		X			X
Parainfluenza 3	X							
Parainfluenza 4	X		X	X				
Respiratory Syncytial Virus A			X					X
Respiratory Syncytial Virus B	X		X	X				X

WHAT THE FLU IS GOING ON IN THE UNITED STATES?

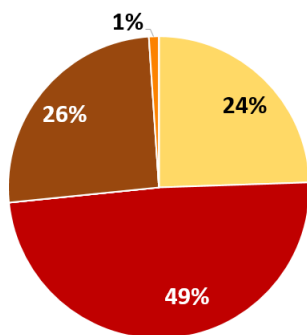


- During Week 1 (December 30 - January 5), influenza activity in the United States remains elevated. Influenza A(H1N1)pdm09, influenza A(H3N2), and influenza B viruses continued to **co-circulate**.
- The geographic spread of influenza in 30 states was reported as **widespread**; Puerto Rico and 17 states reported **regional** activity; two states reported **local** activity; and the District of Columbia, the U.S. Virgin Islands and two states reported **sporadic** activity; and Guam did not report.
- The proportion of outpatient visits for influenza-like illness (ILI) decreased from 4.0% to 3.5%, which is above the national baseline of 2.2%.

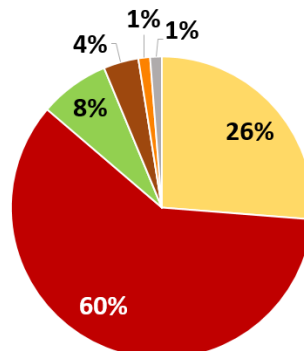
Source: Centers for Disease Control and Prevention

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

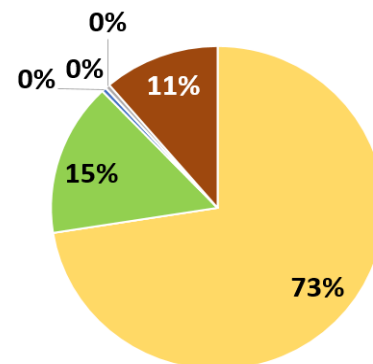
ALABAMA — PREVIOUS 3 WEEKS
(DECEMBER 23 - JANUARY 12)



ALABAMA — ALL SEASON
(SEPTEMBER 30 - JANUARY 12)



UNITED STATES — WEEK 1
(DECEMBER 30 - JANUARY 5)



NEWS FROM THE BUREAU FOR CLINICAL LABORATORIES (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.

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>