

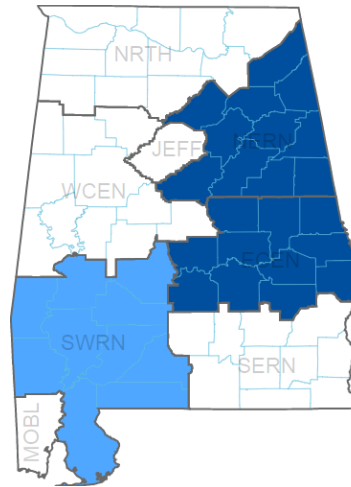


Alabama's Weekly Influenza Report

SEASON: 2017-2018 | MMWR WEEK: 10 (MARCH 4-10) | MMWR YEAR: 2018

WHAT THE FLU IS GOING ON IN ALABAMA?

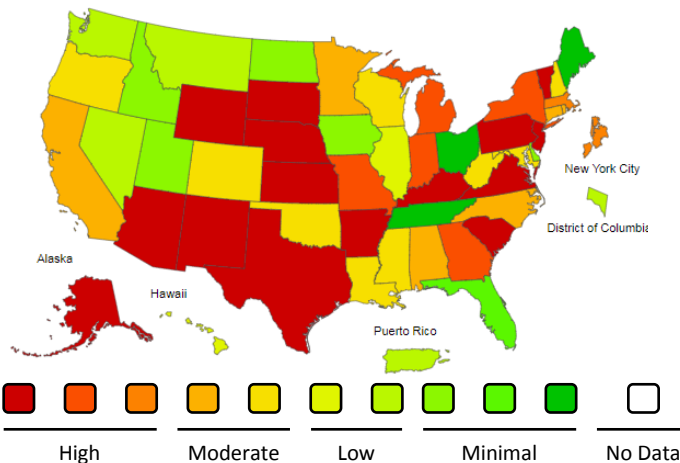
- Activity levels **decreased** across the state (**2.9%**)
- Geographic spread was reported as **regional** to the Centers for Disease Control and Prevention (CDC)
- **PCR positive specimens** were identified in the following districts: Northeastern and East Central
- **Current circulating strains:** Influenza B (Yamagata) and Influenza B (Victoria)



- 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** positive influenza specimens from the previous 3 weeks.

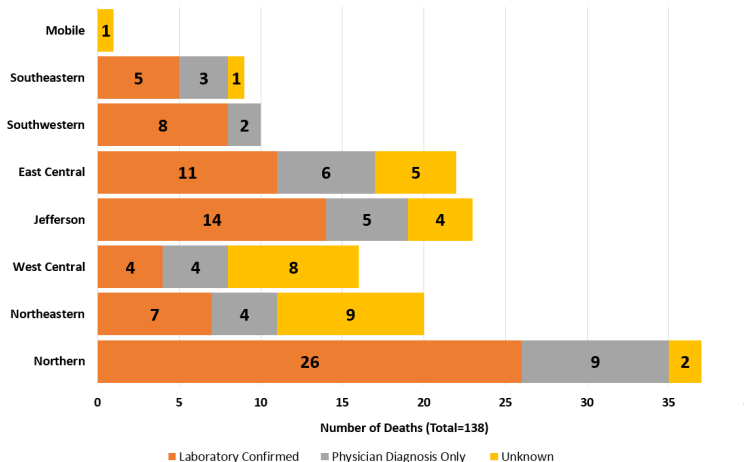
WHAT THE FLU IS GOING ON IN THE UNITED STATES?



- During Week 09 (February 25-March 3), activity levels **decreased** in the United States
- Geographic spread was reported as **widespread** in Puerto Rico and 34 states; Guam and 12 states reported **regional** activity; the District of Columbia reported **local** activity; and the U.S. Virgin Islands reported **no activity**
- The percentage of respiratory specimens testing positive for influenza in clinical laboratories **decreased**
- The proportion of outpatient visits for influenza-like illness (ILI) was **3.7%**, which is above the national baseline of 2.2%

INFLUENZA-ASSOCIATED DEATHS

Number of Potential Influenza-associated Non-pediatric Deaths Reported to the Alabama Department of Public Health (01/11/2018-03/10/2018)



Number of Reported Influenza-associated Pediatric Deaths		
Jurisdiction	Confirmed	Reported As Of
Alabama	2	03/10/2018
United States	119	03/03/2018

SUMMARY OF SELECT SURVEILLANCE COMPONENTS

District	Data for Current Week (Week 10)					Data Cumulative since October 1, 2017 (Week 40)
	No. of PCR Positive Specimens	Percent Influenza- like Illness (ILI) *	No. of ILI Patients Seen	No. of Patients Seen [‡]	No. of Participating Providers [§]	No. of PCR Positive Specimens
Northern	0	3.1 %	283	9,032	20	61
Northeastern	1	4.6 %	165	3,577	12	91
West Central	0	3.0 %	95	3,138	7	15
Jefferson	0	2.3 %	159	6,991	13	21
East Central	2	3.6 %	126	3,473	8	137
Southwestern	0	2.5 %	50	2,044	11	24
Southeastern	0	2.1 %	132	6,181	11	44
Mobile	0	1.2 %	9	761	3	5
Total	3	2.9 %	1,019	35,197	85	398

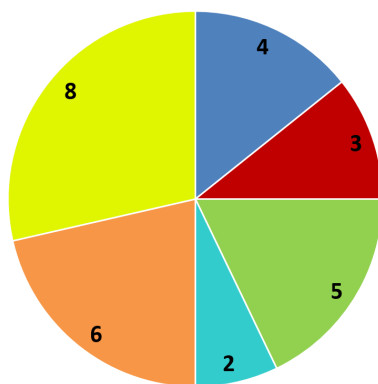
*ILI threshold for significance in Alabama (Season 2017-2018): 3.4%

§ Providers who report to the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

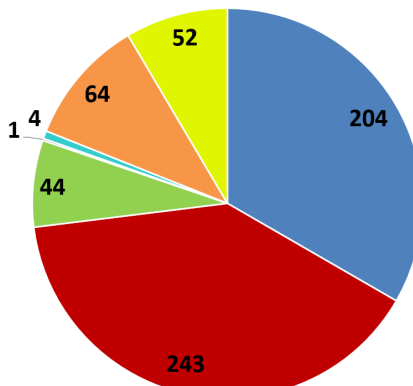
‡ Number of patients seen at facilities reported by ILINet providers

INFLUENZA POSITIVE SPECIMENS REPORTED DURING THE 2017-2018 SEASON, BY SUBTYPE

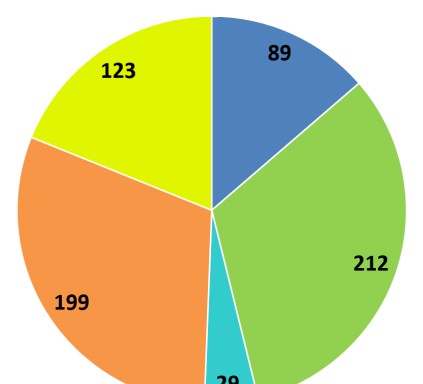
ALABAMA — PREVIOUS 3 WEEKS
(FEBRUARY 18-MARCH 10)



ALABAMA — ALL SEASON
(OCTOBER 1, 2017-MARCH 10, 2018)



UNITED STATES — WEEK 08
(FEBRUARY 25-MARCH 3)



A, 2009 H1

A, H3

A, H3N2

B/Victoria

B/Yamagata

A, Co-infection

B, Lineage not specified

NATIONAL NEWS

Since October 1, 2017, sixteen (16) influenza virus samples have tested positive for resistance to neuraminidase inhibitors. Influenza A, 2009 H1N1 virus samples have been found to be resistant to Oseltamivir and Peramivir.

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>