

# West Virginia Weekly Influenza Surveillance Report

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Distributed January 18, 2019

Week Ending January 12, 2019 | WEEK 2

## Announcements & News

- Reportable Influenza - Season to Date in West Virginia
  - Respiratory outbreaks: **18**
  - Novel influenza: **0**
  - Pediatric mortality: **0**
  - Positive laboratory tests: see pages 4 & 5
- Those who have not gotten their annual influenza vaccination can still receive one. See the CDC's [annual influenza vaccination recommendations](#), [digital campaign toolkit](#), [Fight Flu toolkit for health care professionals](#), and [a flu burden infographic](#).
- The Bureau for Public Health has released an [updated memo](#) regarding influenza in schools.
- [Healthy Schools, Healthy People, It's a SNAP!](#) – 2019 awards applications due on Jan 31, 2019.
- [Newborns face risks when born to women with the flu](#) (EurekAlert! 1/9/2019)

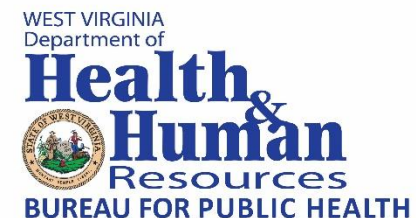
## West Virginia Influenza Activity

No Activity
Sporadic
<b>LOCAL</b>
Regional
Widespread

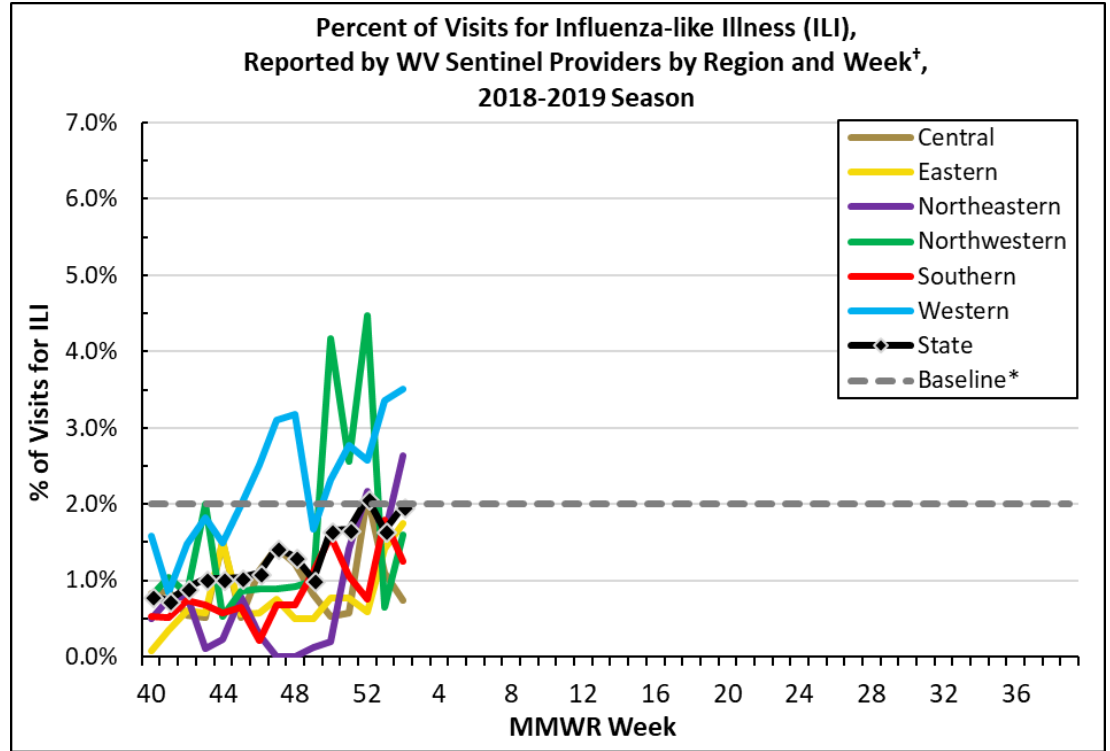
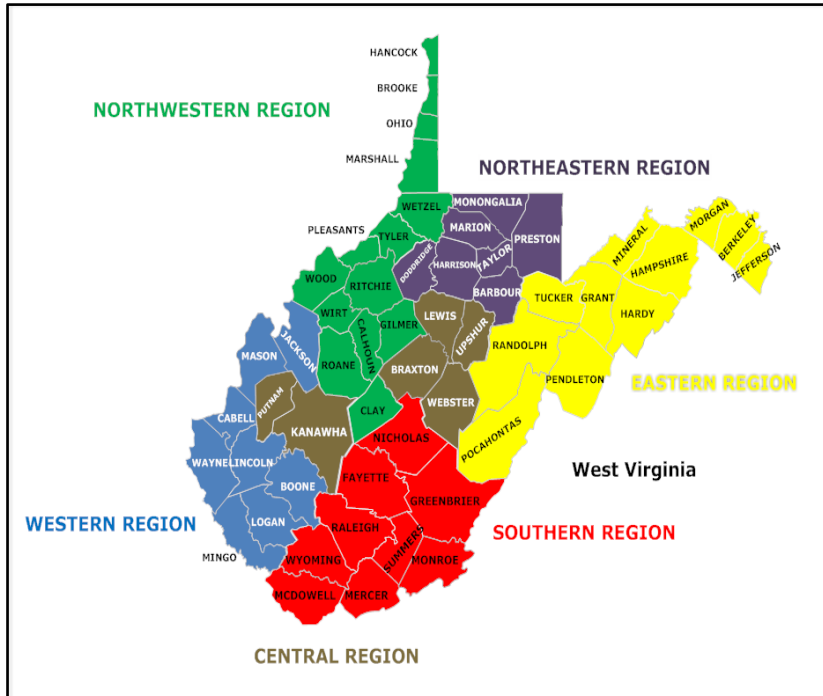
A majority of U.S. states and territories (n=31, 57.4%) reported **WIDESPREAD** influenza activity.

More information on national influenza activity from the CDC:

- [Overview of Influenza Surveillance in the United States](#)
- [Weekly U.S. Influenza Surveillance Report](#)
- [Interactive Influenza Activity Map in CDC FluView](#)



## West Virginia Surveillance Regions



	Region						
	State	C	E	NE	NW	S	W
% of visits for ILI	2.0%	0.7%	1.7%	2.6%	1.6%	1.3%	3.5%
# of total visits	12911	1496	2689	875	2069	2784	2998
# of reporting providers	42	6	9	4	9	8	6

Statewide percent of visits for ILI was **at** the regional baseline of 2.0%.\*

\*Due to reporting delays, sentinel provider data is provisional and subject to change. It should also be considered within the context of laboratory data and other influenza indicators.

\*Baselines for Health & Human Services regions within the country are determined annually. They are done so by calculating the average percent of patient visits for ILI during non-influenza weeks for the previous three seasons and adding two standard deviations.

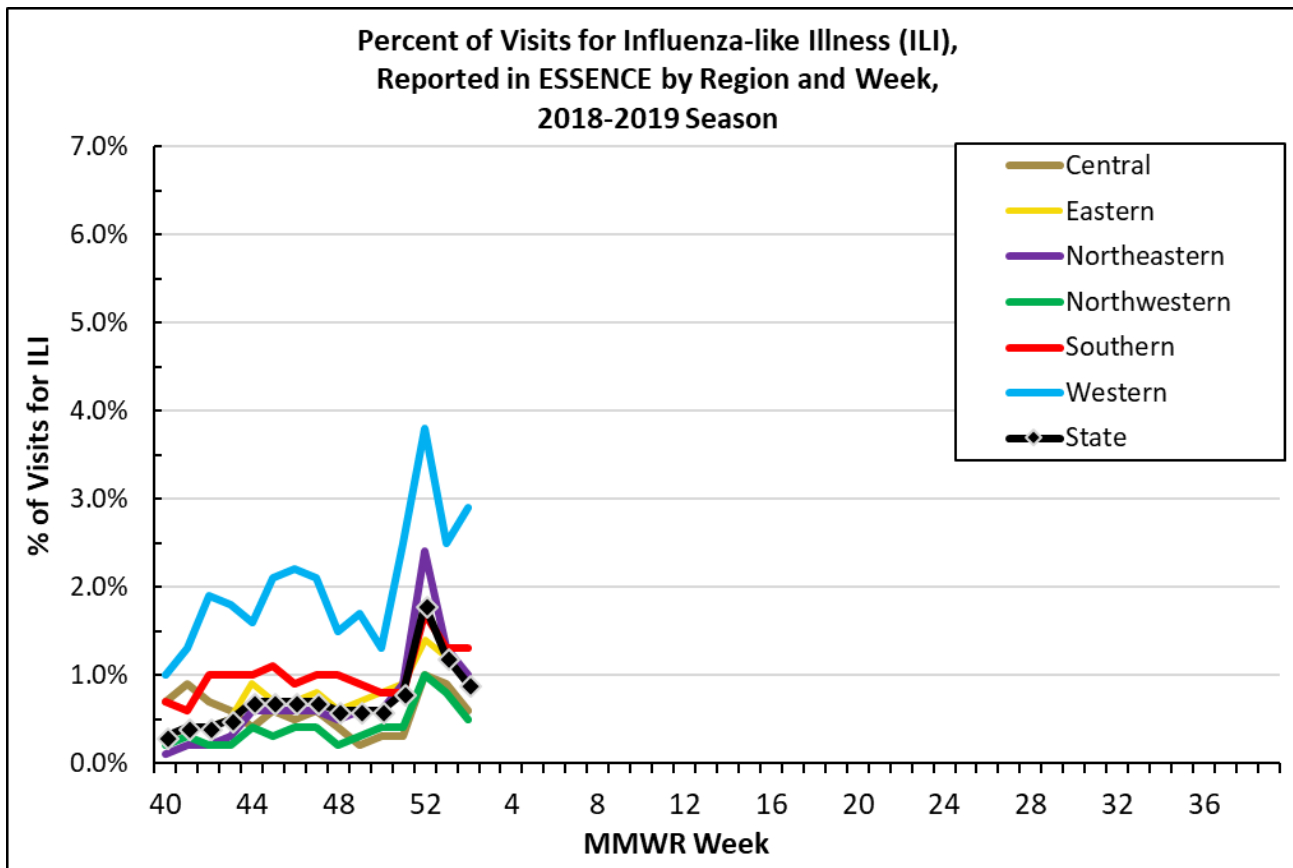
**National Surveillance**  
 This week, the national percent of visits for ILI was 3.1%. This is **above** the national baseline of 2.2%. For more information and data, check out the [Weekly U.S. Influenza Surveillance Report](#).

## Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE)

Most hospitals in the State report ILI in the ESSENCE surveillance system, which pulls data by ICD-10 and chief complaints. Like the sentinel provider data on page 2, this data can show the duration and severity of the current influenza season.

This week, the statewide percent of visits for ILI reported in ESSENCE was 0.9%.

For more information on ESSENCE, contact [Stephen.N.Maley@wv.gov](mailto:Stephen.N.Maley@wv.gov).



Region	% Visits for ILI
State	0.9%
C	0.6%
E	1.0%
NE	1.0%
NW	0.5%
S	1.3%
W	2.9%

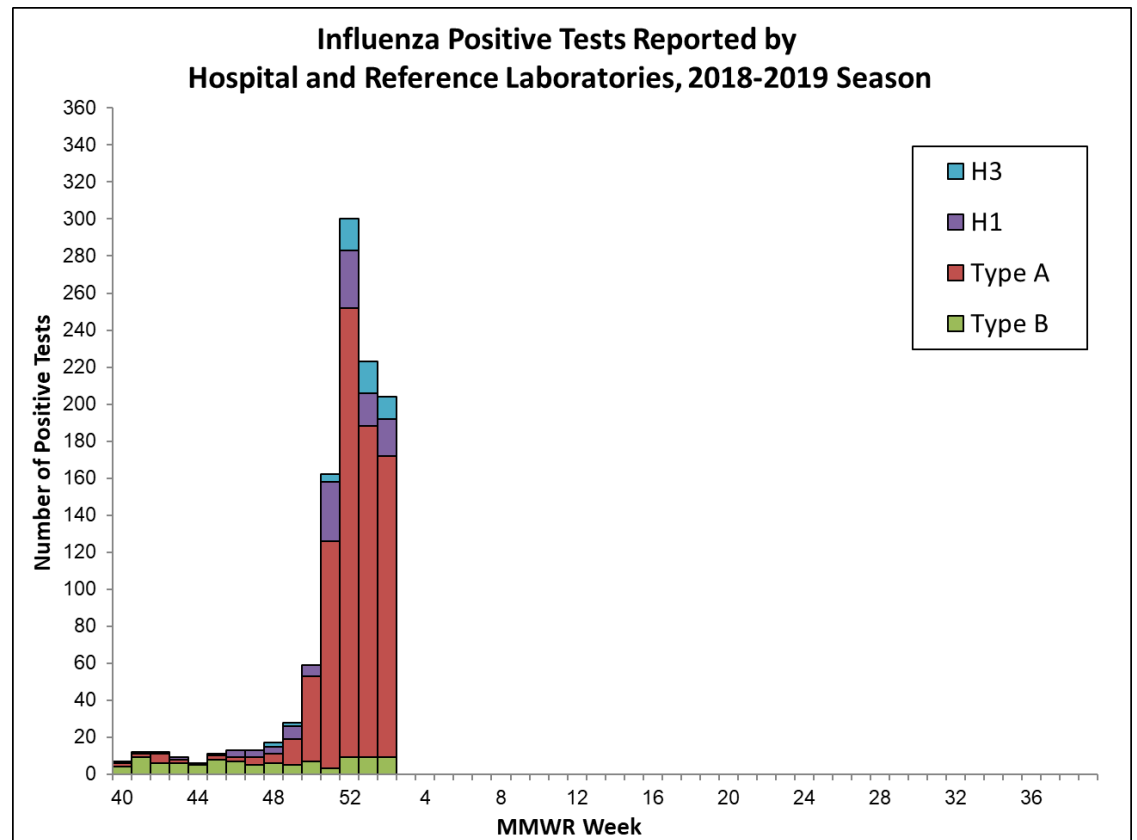
## Influenza Laboratory Reporting

Per WV Code 16-3-1; 64CSR7, hospital and reference laboratories must report counts of positive influenza laboratory tests (PCR, culture, and immunofluorescence). This week, **204** positive influenza tests were reported across the State.

Laboratories may report by completing and submitting an [Influenza Laboratory Reporting Form](#). Laboratories that do not need to complete a form are those that are part of a national laboratory surveillance system or that are validated to report electronically in the West Virginia Electronic Disease Surveillance System (WVEDSS).

Region	# of Positive Influenza Tests, by Type/Subtype*			
	A (not subtyped)	A/H3	A/H1	B
C	17	3	8	5
E	47	0	3	2
NE	34	2	0	0
NW	49	4	1	2
S	7	0	0	0
W	9	3	8	0
<b>Total</b>	<b>163</b>	<b>12</b>	<b>20</b>	<b>9</b>

\*Due to some delays in laboratory reporting, this weekly data is provisional and subject to change.

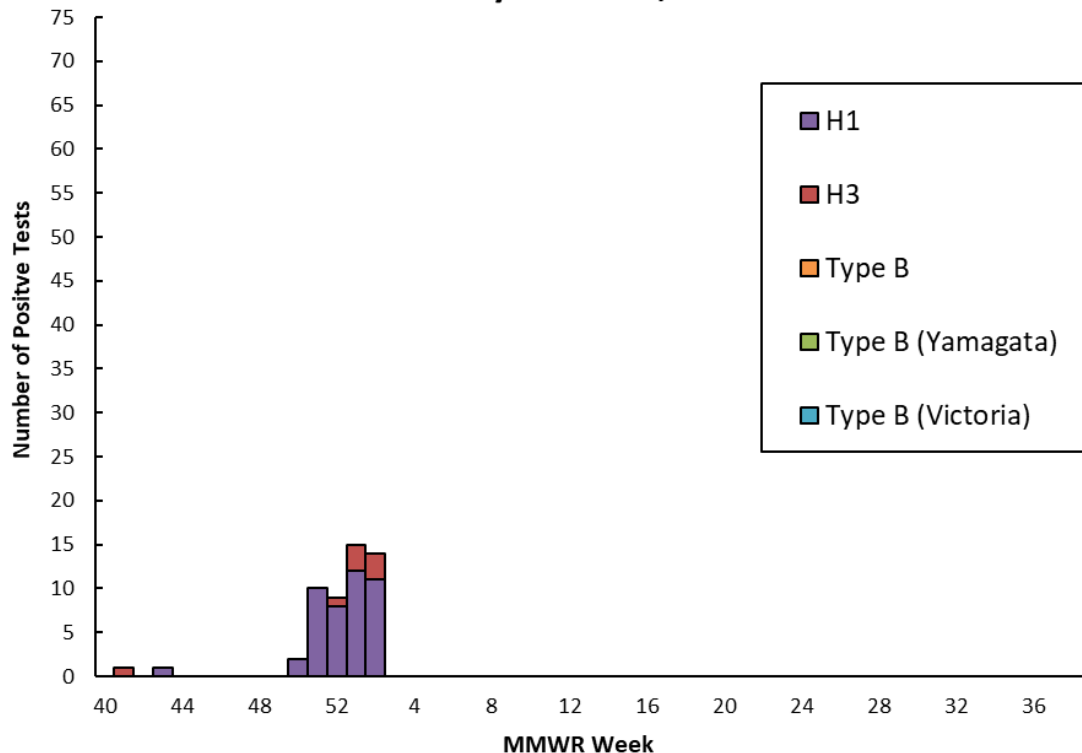


### The Office of Laboratory Services (OLS)

Sentinel providers, hospitals, and facilities experiencing respiratory outbreaks can send respiratory specimens to OLS for confirmatory PCR testing. These submissions and tests bolster state awareness of what influenza viruses are circulating in the State. OLS also forwards isolated viruses to the CDC, [who further studies them to determine what vaccine strains should be used in upcoming flu seasons](#).

Respiratory specimens should be collected within 72 hours of illness onset. Please visit the [OLS website](#) to learn more about submitting specimens to OLS. Questions can be directed to the Associate Director of Clinical Services at [Christi.D.Clark@wv.gov](mailto:Christi.D.Clark@wv.gov) or 304-558-3530 ext. 2110.

**Influenza Positive Tests Reported by  
Office of Laboratory Services, 2018-2019 Season**



OLS reported **14** positive influenza tests:

- 11 H1 subtype
- 3 H3 subtype