

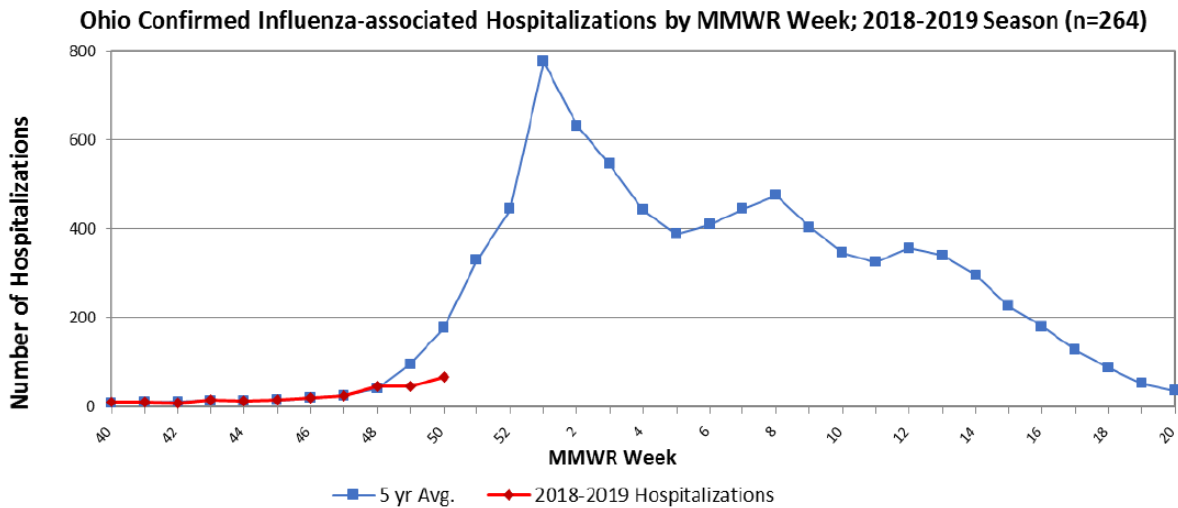


**Weekly Influenza Surveillance Report**  
December 9, 2018 – December 15, 2018 (MMWR Week 50)

**Highlights**

Flu activity this week is **Minimal** and distribution is **Regional**  
There were **0** hospitalizations in Erie County residents  
Dominant flu type: **Influenza A**

**Influenza in Ohio**



**Flu Activity and Distribution in Ohio per MMWR Week**

	Oct			Nov			Dec			Jan			Feb			Mar			Apr			May											
Activity	[Green]																																
Distribution	[Light Green]										[Yellow]																						
	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Flu Activity for Ohio			
Minimal	Low	Moderate	High

Flu Distribution for Ohio				
No Activity	Sporadic	Local	Regional	Widespread

**Flu activity in Ohio is *Minimal* for Week 50**

The CDC measures flu activity according to 10 flu activity levels classified as: minimal (levels 1-3), low (levels 4-5), moderate (levels 6-7), and high (levels 8-10). The levels correspond the number of standard deviations below, at, or above the mean for the current week compared with the mean for non-influenza season weeks. This is a measure of the severity of flu activity.

**Distribution of flu in Ohio is *Regional* for Week 50**

- No Activity:** No lab-confirmed cases of flu and no reported increase in the number of cases.
- Sporadic:** Small numbers of lab-confirmed flu cases or a single lab confirmed flu outbreak has been reported, but there is no increase in cases.
- Local:** Outbreaks of flu or increases in cases and recent lab-confirmed flu in a single region of Ohio.
- Regional:** Outbreaks of flu or increases in cases and recent lab confirmed flu in at least two but less than half the regions in Ohio with recent lab evidence of flu in those regions.
- Widespread:** Outbreaks of flu or increases in cases and recent lab-confirmed flu in at least half the regions in Ohio with recent lab evidence of flu in the state.

## Influenza in Erie County

### Ohio Disease Reporting System: Influenza-Associated Hospitalizations per Week

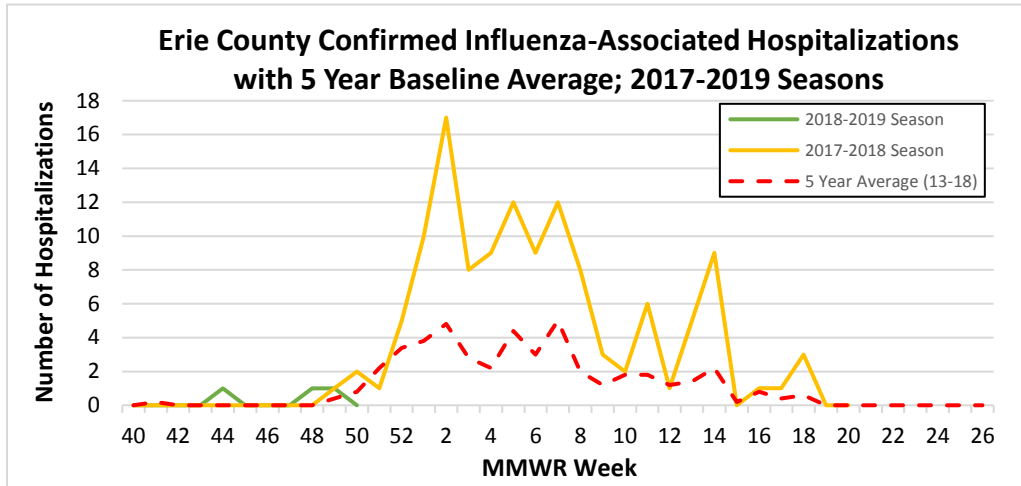
Week 50 Activity Level	Week 49 Activity Level	Number of Weeks for Trend	Week 50 Last Year (2017)
0	1	▼1	2

Indicators with small numbers are subject to large weekly percentage fluctuations

Number of Weeks "▲" = Increase (>10%), "▼" = Decrease (>10%), "●" = Stable (-10% to +10%)

### Ohio Disease Reporting System: Influenza-Associated Hospitalizations per Season

2016-2017	2017-2018	2018-2019 (to date)
45	125	3

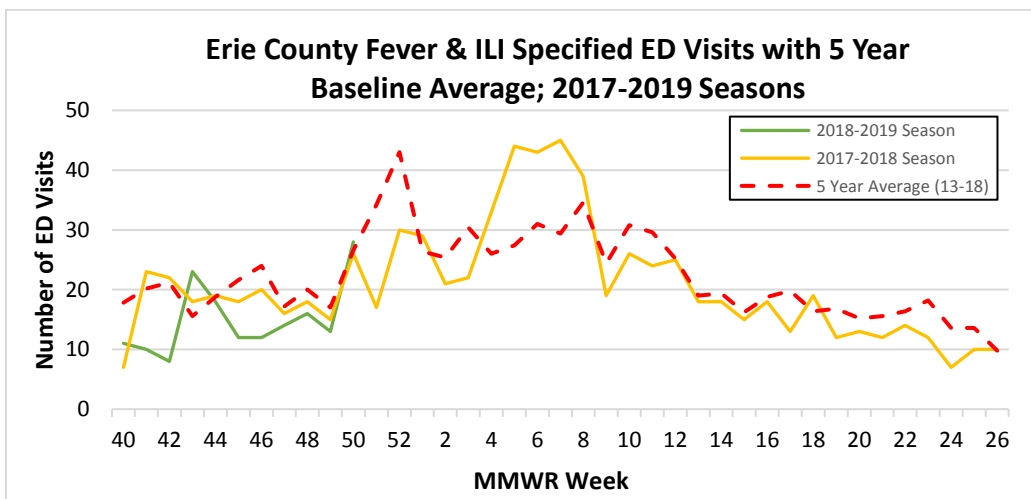


### EpiCenter: Emergency Department (ED) Visits for Fever + ILI Symptom Complaints

Week 50 Activity Level	Week 49 Activity Level	Number of Weeks for Trend	Week 50 Last Year (2017)
28	13	▲1	26

Indicators with small numbers are subject to large weekly percentage fluctuations

Number of Weeks "▲" = Increase (>10%), "▼" = Decrease (>10%), "●" = Stable (-10% to +10%)



## FOR MORE INFORMATION:

Erie County Health Department (419) 626-5623 x200

Centers for Disease Control and Prevention [www.cdc.gov](http://www.cdc.gov)

Ohio Department of Health [www.odh.ohio.gov](http://www.odh.ohio.gov)