

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 52 December 24-30, 2017

## Local Surveillance:

### Current Influenza Activity Levels:

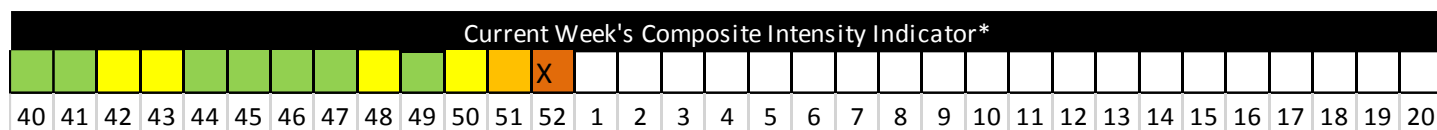
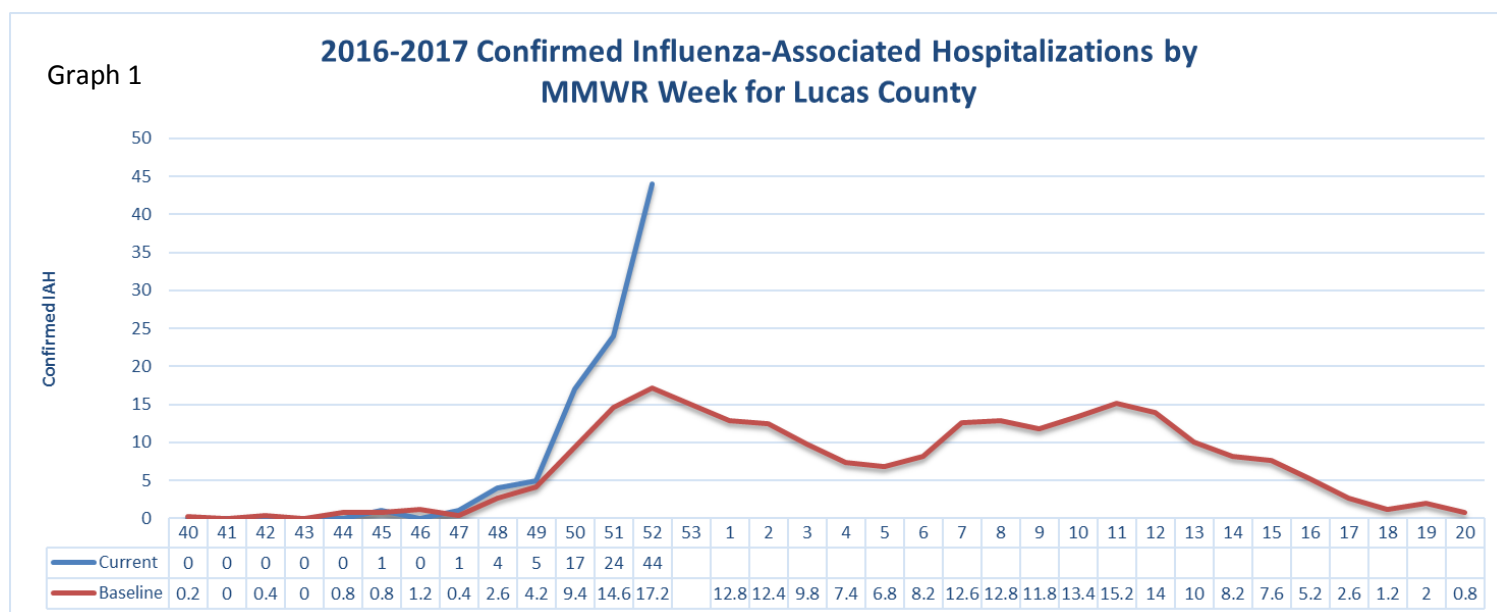
Lucas County had **44** confirmed Influenza-associated Hospitalizations (IAH) reported in week 52, bringing the total to **96** cases as of December 30, 2017. *94% of cases were flu type A, 11 were H3 strain-the majority were not subtyped. 6% of cases were unsubtyped influenza B.*

*Gender Distribution of Cases:* 59% female, 41% male

Lucas County accounts for 3.3% of the IAH reported in Ohio. Rate per 100,000 population\*: 15.84

\*Disease rates were calculated by number of cases per 100,000 residents using 2010 census data

Graph 1 illustrates the current confirmed Influenza-Associated Hospitalizations compared to baseline, which is a five year average.



High	Mod	Low	Minimal
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\* Combination of ED visit data and Influenza-associated Hospitalizations.



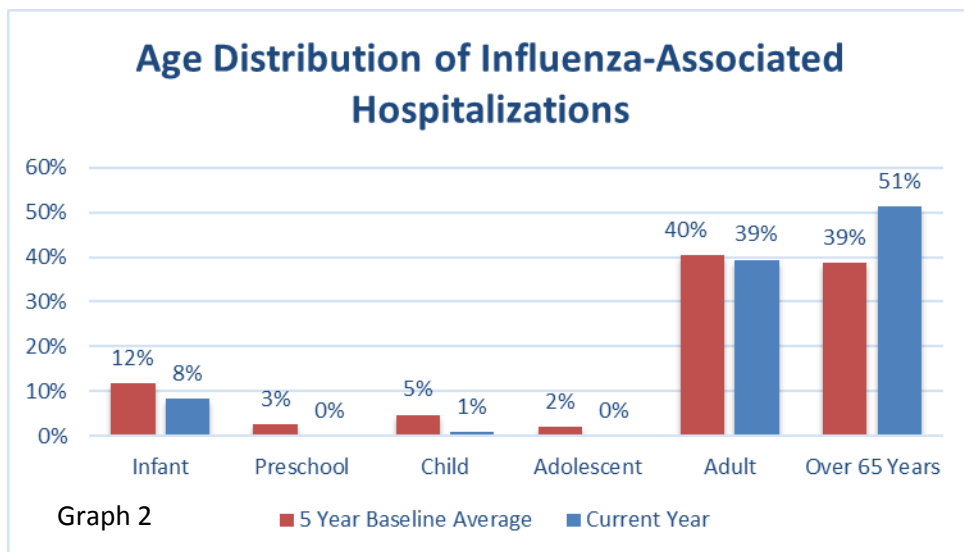
ED Visits are comprised of Influenza-like illness and respiratory syndrome as compared to the baseline average

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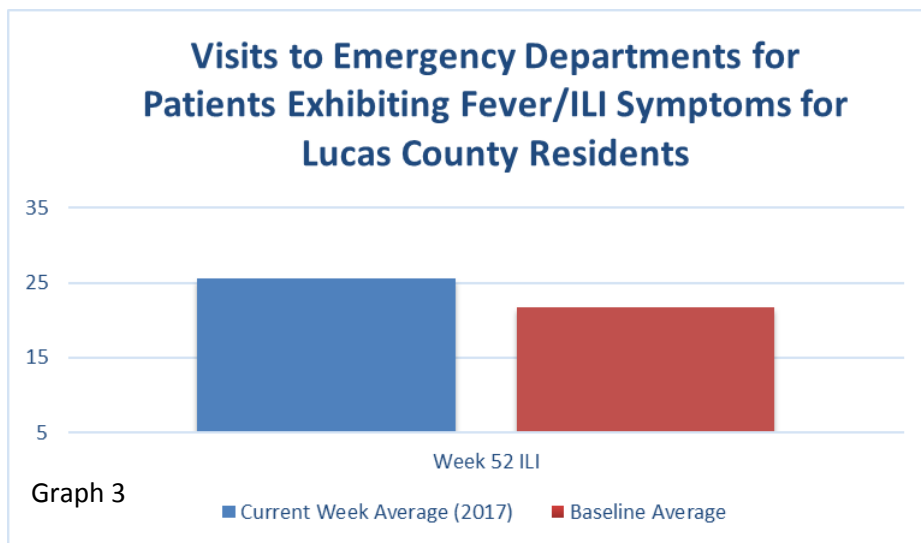
**WESTERN CLINIC SITE**  
330 Oak Terrance Blvd.  
Holland, Ohio 43528  
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The number of emergency department visits with patients exhibiting fever/ILI symptoms was slightly above baseline for MMWR 52. ILI (Influenza-Like Illness) is defined as a fever greater than or equal to 100 degrees F AND a cough or sore throat. (Graph 3)



#### Summary of State Data: Current Ohio Activity Level (Geographic Spread) – Widespread

Definition: Increased ILI in at least half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the state.

During MMWR Week 52, public health surveillance data sources indicate increasing influenza-like illness (ILI) activity in outpatient settings reported by Ohio’s sentinel providers. Outpatient medical claims related to influenza-like illness are

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above seasonal threshold levels. The percentage of emergency department visits with patients exhibiting constitutional symptoms are above baseline levels and fever and ILI specified ED visits are below baseline levels. Reported cases of influenza-associated hospitalizations are above the seasonal threshold\*. There were 925 influenza-associated hospitalizations reported.

## **State Surveillance:**

- ODH lab has reported 274 influenza tests from specimens sent from various submitters. 2017-2018 influenza season results: (213) A/H3N2; (19) A/pdmH1N1; (9) Influenza B; (through 12/30/2017).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 22,253 influenza tests performed at participating facilities. 2017-2018 influenza season positive results: (10) H1N1, (101) A/H3N2, (1893) Flu A Not Subtyped, and (191) Flu B (through 12/30/2017).
- 0 pediatric influenza-associated mortalities have been reported during the 2017-2018 season (through 12/30/2017).
- No novel influenza A virus infections have been reported during the 2017-2018 season (through 12/30/2017).
- Incidence of confirmed influenza-associated hospitalizations in 2017-2018 season = 2104 (through 12/30/2017).

**Regional Surveillance\*:** During week 51 (December 17 – December 23, 2017), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 3.2%, which is above the regional baseline of 1.8%. Michigan reported Regional Activity; West Virginia, Pennsylvania, Ohio, Indiana, and Kentucky reported Widespread Activity.

**National Surveillance\*:** During week 51 (December 17 – December 23, 2017), Most U.S. states reported Moderate or High influenza activity, though several are still reporting Low or Minimal activity. The proportion of outpatient visits for ILI was 5.0%, which is above the national baseline of 2.2%. All 10 regions reported ILI at or above their region-specific baseline level. The most frequently identified influenza virus type reported by public health laboratories was influenza A (H3N2).

\*Regional and National surveillance data are reported one week later than Ohio state and local data

## **Flu Information:**

### [CDC: Flu vs Cold](#)

State, Regional and National data is provided by the Ohio Department of Health

[ODH Influenza Activity Report MMWR 52](#)