

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 49 December 4-10, 2016

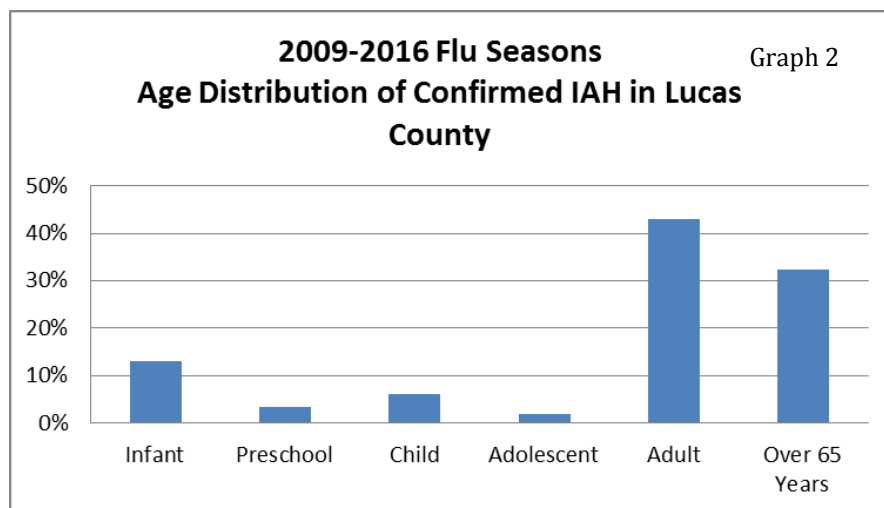
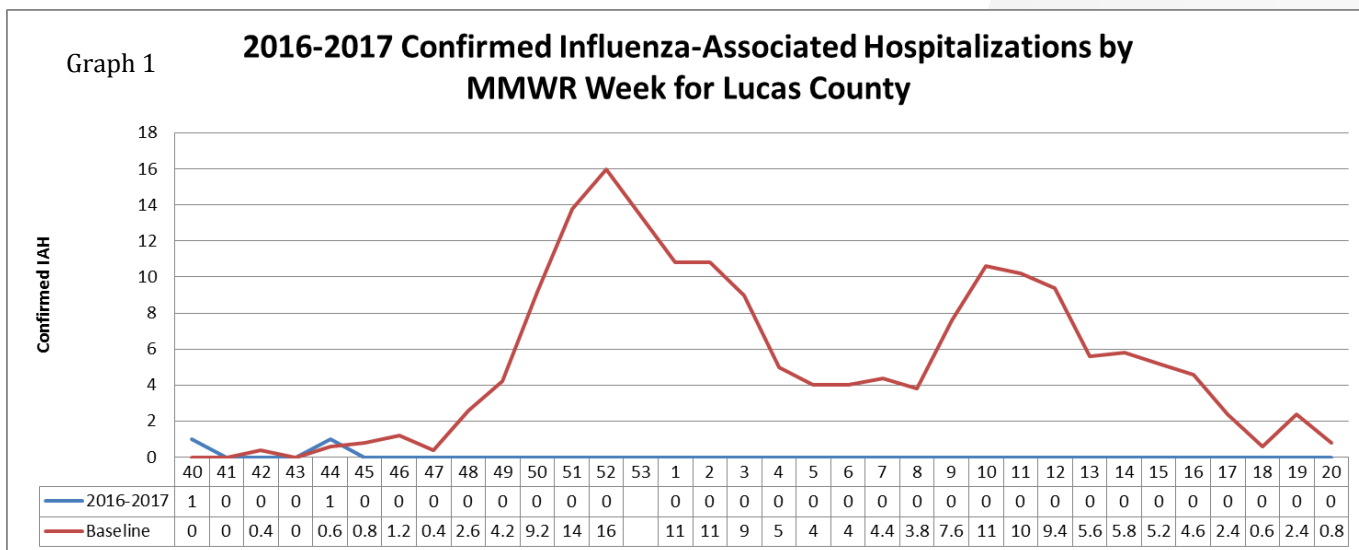
## Local Surveillance:

### Current Influenza Activity Levels:

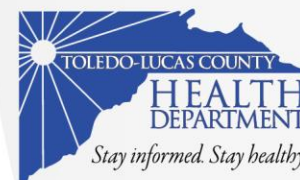
- Lucas County had **zero** confirmed Influenza-associated Hospitalizations (IAH) reported, allowing the total to remain at **two** as of December 10, 2016.
- Gender Distribution of Cases:* currently N/A

Lucas County accounts for 1.8% of the IAH reported in Ohio.

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



Infant: 0-2 years  
 Preschool: 3-5 years  
 Child: 6-12 years  
 Adolescent: 13-17 years  
 Adult: 18-64 years  
 Over 65 years



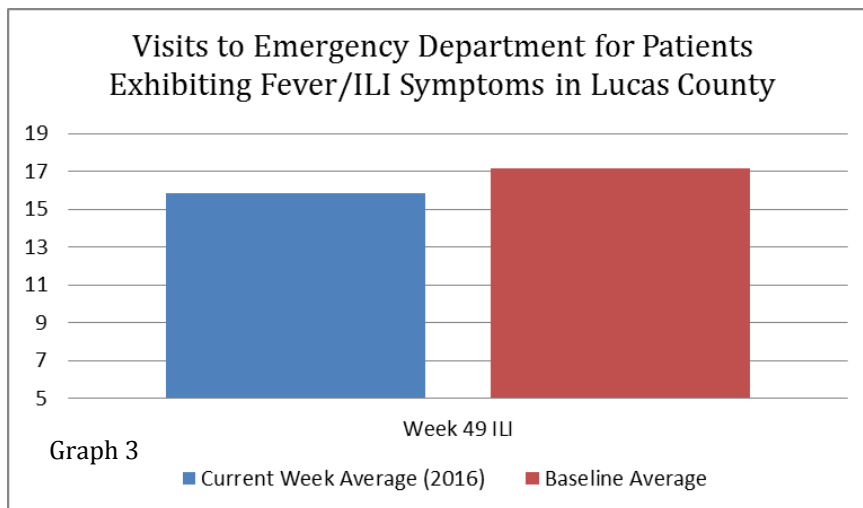
**MAIN OFFICE**  
 635 North Erie Street  
 Toledo, Ohio 43604  
 419.213.4100

**WESTERN CLINIC SITE**  
 330 Oak Terrace Blvd.  
 Holland, Ohio 43528  
 419.213.6255

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 49 December 4-10, 2016

The number of emergency department visits with patients exhibiting fever/ILI symptoms is slightly below baseline in Lucas County for MMWR week 49. 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)



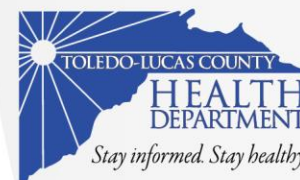
## Summary of State Data: Current Ohio Activity Level (Geographic Spread) – : Local

*Definition: Increased ILI in 1 region; ILI activity in other regions is not increased AND recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI, OR 2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased AND recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions.*

During MMWR Week 48, Ohio public health surveillance data sources indicate increasing activity for influenza-like illness (ILI) in outpatient settings reported by Ohio's sentinel providers. The percentage of emergency department visits with patients exhibiting constitutional symptoms and fever and ILI specified ED visits are below baseline levels. There were 29 influenza-associated hospitalizations reported.

## State Surveillance:

- ODH lab has reported 73 influenza tests from specimens sent from various submitters. 2016-2017 influenza season positive results: (0) A/pdmH1N1; (13) A/H3N2; (2) Influenza B; (through 12/10/16).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 10,917 influenza tests performed at participating facilities. 2016-2017 influenza season positive results: (0) H1N1, (4) A/H3N2, (70) Flu A Not Subtyped, and (33) Flu B (through 12/10/16).
- 0 pediatric influenza-associated mortalities have been reported during the 2016-2017 season (through 12/10/16).
- No novel influenza A virus infections have been reported during the 2016-2017 season (through 12/10/16).



**MAIN OFFICE**  
635 North Erie Street  
Toledo, Ohio 43604  
419.213.4100

**WESTERN CLINIC SITE**  
330 Oak Terrace Blvd.  
Holland, Ohio 43528  
419.213.6255

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 49 December 4-10, 2016

- Incidence of confirmed influenza-associated hospitalizations in 2016-2017 season = 112 (through 12/10/16).

**Regional Surveillance\*:** During week 48 (November 27th – December 3rd, 2016), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.2%, which is below the regional baseline of 1.8%. Ohio, Pennsylvania, Kentucky, and Indiana report Local Activity. Michigan and West Virginia report Sporadic activity.

**National Surveillance\*:** During week 48 (November 27th – December 3rd, 2016), the majority U.S. states reported Minimal influenza activity, 4 states reported Low Activity. The proportion of outpatient visits for ILI was 1.8%, which is below the national baseline of 2.2%. Two HHS regions reported ILI levels at 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:**

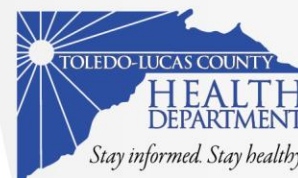
### **Influenza Virus Characterization:**

CDC has antigenically characterized 38 influenza viruses [8 influenza A (H1N1)pdm09, 16 influenza A (H3N2), and 14 influenza B viruses] collected by U.S. laboratories since October 1, 2016. Ninety-three percent of the Influenza B viruses that have been antigenically characterized by CDC were similar to viruses included in either the trivalent or quadrivalent 2016-17 influenza vaccine. All of the influenza A viruses characterized matched the viruses included in the 2016-17 influenza vaccine.

### [CIDRAP-Flu Scan](#)

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

### [ODH Influenza Activity Summary MMWR 49](#)



For more information on state and local flu surveillance please contact:  
Lauren Wagener  
(419)213-4264  
WagenerL@co.lucas.oh.us

**MAIN OFFICE**  
635 North Erie Street  
Toledo, Ohio 43604  
419.213.4100

**WESTERN CLINIC SITE**  
330 Oak Terrace Blvd.  
Holland, Ohio 43528  
419.213.6255