

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 52 December 25-31, 2016

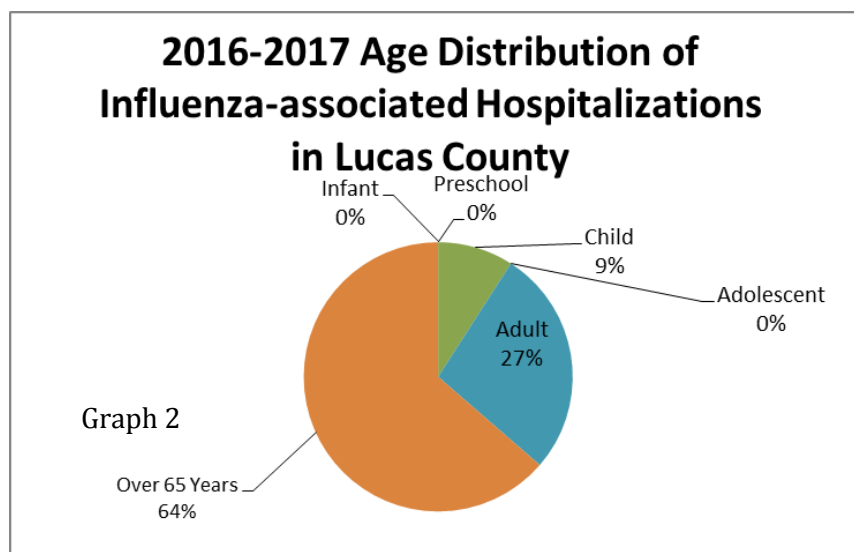
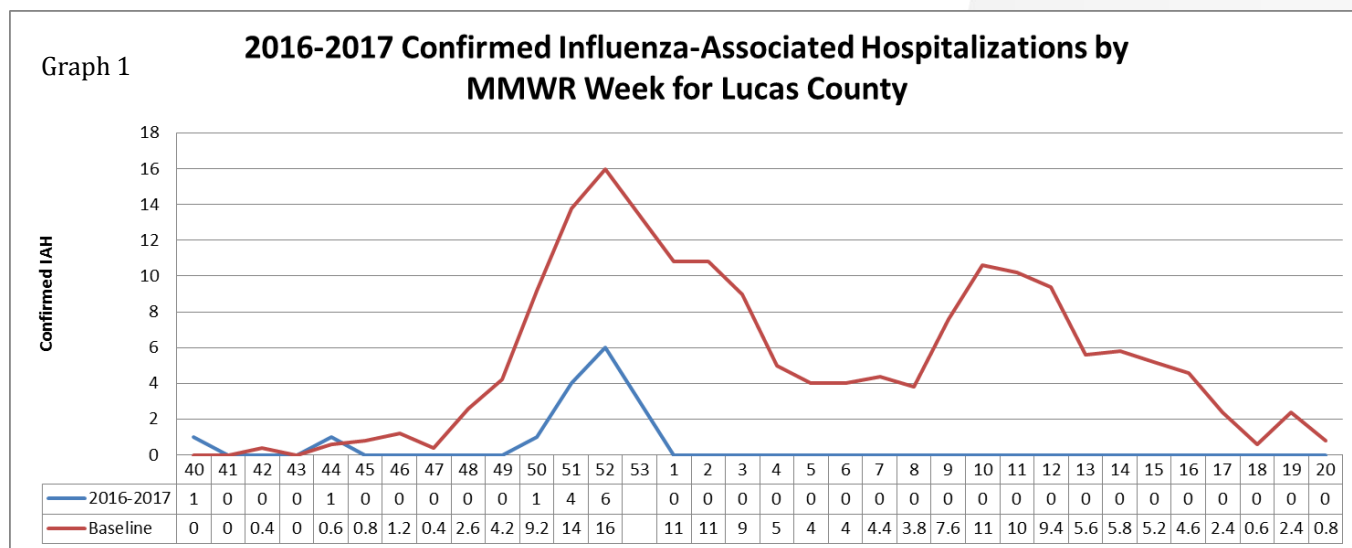
## Local Surveillance:

### Current Influenza Activity Levels:

- Lucas County had **6** confirmed Influenza-associated Hospitalizations (IAH) reported, bringing the total to **13** as of December 31, 2016.
- Gender Distribution of Cases:* 64% female, 36% male

Lucas County accounts for 2.3% 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 old

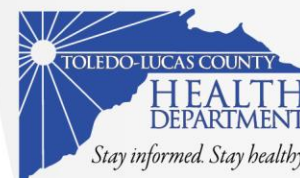
**Preschool:** 3-5 years old

**Child:** 6-12 years old

**Adolescent:** 13-17 years old

**Adult:** 18-64 years old

**65 years and older**



#### MAIN OFFICE

635 North Erie Street  
Toledo, Ohio 43604  
419.213.4100

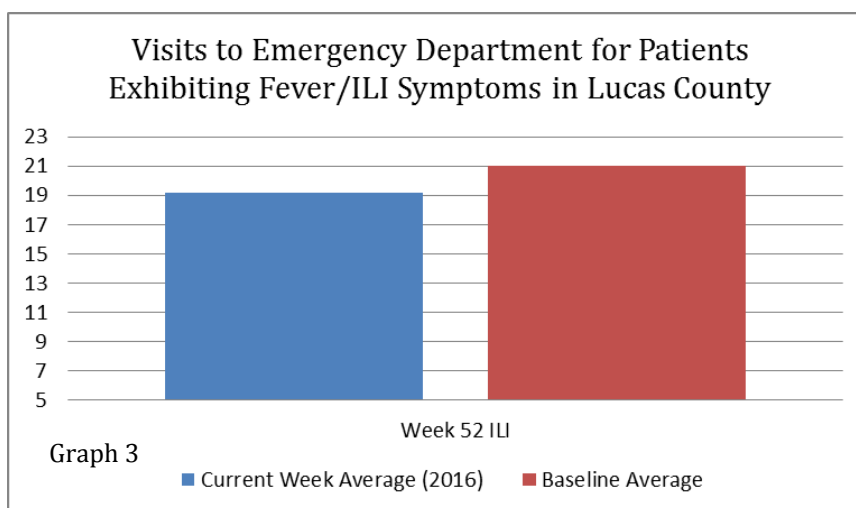
#### WESTERN CLINIC SITE

330 Oak Terrace Blvd.  
Holland, Ohio 43528  
419.213.6255

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 52 December 25-31, 2016

The number of emergency department visits with patients exhibiting fever/ILI symptoms has increased from last week, however, is still slightly below baseline in Lucas County for MMWR week 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)

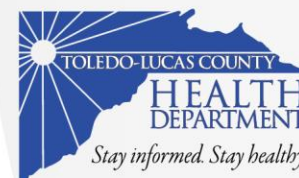


**Summary of State Data:** *Current Ohio Activity Level (Geographic Spread) – Regional Definition: Increased ILI in > 2 but less than half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the affected regions, OR institutional outbreaks (ILI or lab confirmed) in > 2 but less than half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the affected regions.*

During MMWR Week 52, Ohio public health surveillance data sources indicate increasing activity for influenza-like illness (ILI) in outpatient settings reported by Sentinel Influenza Surveillance Providers and by Athenahealth medical claims data. The percentage of emergency department visits with patients exhibiting constitutional symptoms and fever and ILI specified ED visits increased but are below baseline levels. Weekly Influenza-associated hospitalization numbers have been above the seasonal threshold\* for 4 weeks; there were 157 influenza-associated hospitalizations reported.

## State Surveillance:

- ODH lab has reported 109 influenza tests from specimens sent from various submitters. 2016-2017 influenza season positive results: (0) A/pdmH1N1; (34) A/H3N2; (4) Influenza B; (through 12/31/16).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 16,816 influenza tests performed at participating facilities. 2016-2017 influenza season positive results: (0) H1N1, (28) A/H3N2, (286) Flu A Not Subtyped, and (50) Flu B (through 12/31/16).
- 0 pediatric influenza-associated mortalities have been reported during the 2016-2017 season (through 12/31/16).



**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 52 December 25-31, 2016

- No novel influenza A virus infections have been reported during the 2016-2017 season (through 12/31/16).
- Incidence of confirmed influenza-associated hospitalizations in 2016-2017 season = 369 (through 12/31/16).

**Regional Surveillance\*:** During week 51 (December 18th – December 24th, 2016), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.9%, which is at the regional baseline of 1.9%. Kentucky, West Virginia, and Michigan reported Local Activity; Ohio and Indiana reported Regional Activity; Pennsylvania reported Widespread Activity.

**National Surveillance\*:** During week 51 (December 18th – December 24th, 2016), 34 U.S. states reported Minimal influenza activity, 7 states reported Low Activity, 5 reported moderate activity, and 4 reported High activity. The proportion of outpatient visits for ILI was 2.9%, which is above the national baseline of 2.2%. Nine 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:**

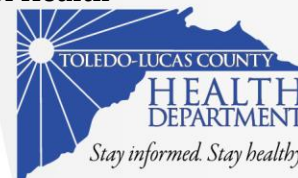
CDC has antigenically characterized 124 influenza viruses [26 influenza A(H1N1)pdm09, 75 influenza A (H3N2), and 23 influenza B viruses] collected by U.S. laboratories since October 1, 2016. 97.1% of the Influenza B viruses that have been antigenically characterized by CDC were similar to viruses included in either the trivalent or quadrivalent 2016-17 influenza vaccine. 95.6% of the influenza A viruses characterized matched the viruses included in the 2016-17 influenza vaccine.

## [US Flu Picks Up](#)

## [Flu Activity on the Rise; CDC recommends vaccination and appropriate use of antivirals](#)

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

## [ODH Influenza Activity Summary MMWR 52](#)



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