

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 46 November 13-19, 2016

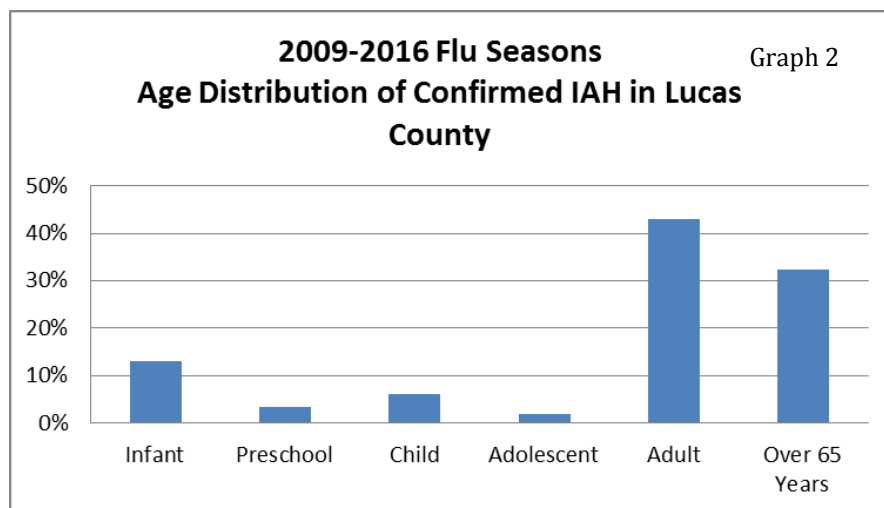
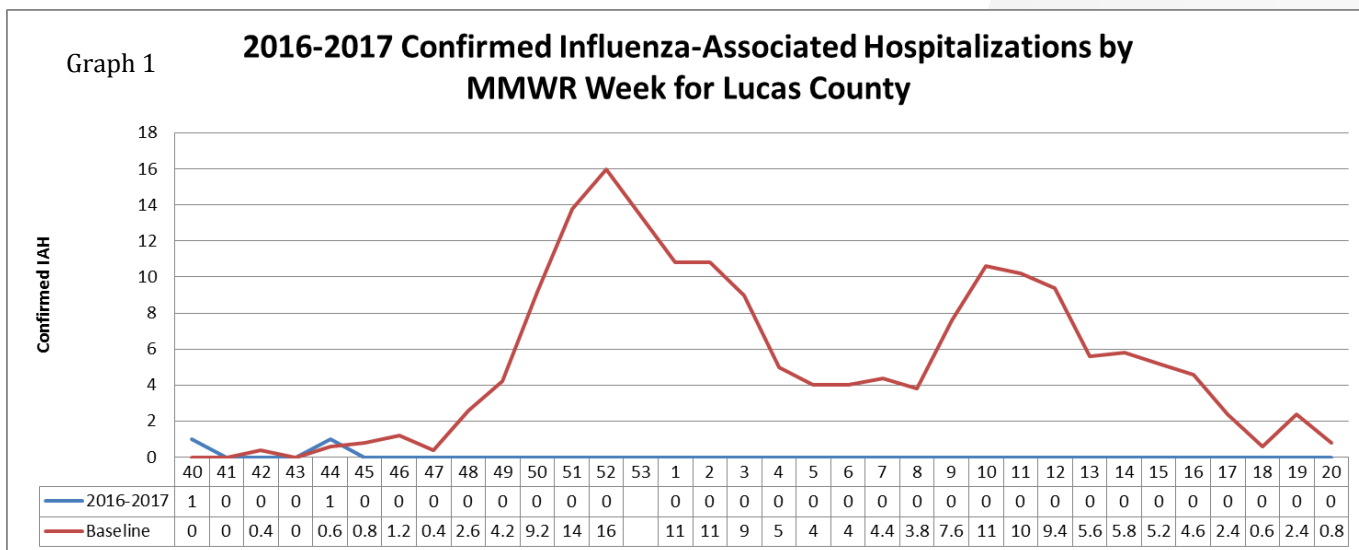
## Local Surveillance:

### Current Influenza Activity Levels:

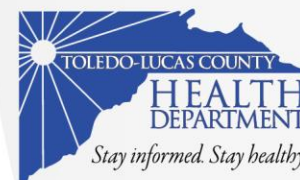
- Lucas County had **zero** confirmed Influenza-associated Hospitalizations (IAH) reported, allowing the total to remain at **two** as of November 19, 2016.
- Gender Distribution of Cases:* currently N/A

Lucas County accounts for 3.3% 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  
 Preschool: 3-5 years  
 Child: 6-12 years  
 Adolescent: 13-17 years  
 Adult: 18-64 years  
 Over 65 years



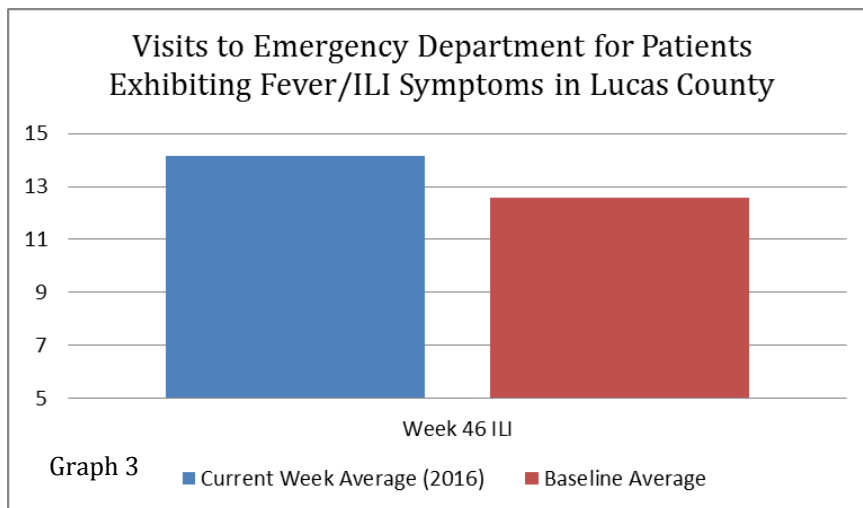
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The number of emergency department visits with patients exhibiting fever/ILI symptoms slightly elevated over baseline in Lucas County for MMWR week 46. ILI (Influenza-Like Illness) is defined as a fever greater than or equal to 100 degrees F AND a cough or sore throat. (Graph 3)



**Summary of State Data:** *Current Ohio Activity Level (Geographic Spread) – Sporadic*  
*Definition: Small numbers of laboratory-confirmed influenza cases or a single laboratory-confirmed influenza outbreak has been reported, but there is no increase in cases of ILI.*

During MMWR Week 46, Ohio public health surveillance data sources indicate minimal intensity 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 are below baseline levels statewide; fever and ILI specified ED visits are below baseline levels. There were 15 influenza-associated hospitalizations reported.

## State Surveillance:

- ODH lab has reported 66 influenza tests from specimens sent from various submitters. 2016-2017 influenza season positive results: (0) A/pdmH1N1; (8) A/H3N2; (1) Influenza B; (through 11/19/16).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 7210 influenza tests performed at participating facilities. 2016-2017 influenza season positive results: (0) H1N1, (3) A/H3N2, (27) Flu A Not Subtyped, and (20) Flu B (through 11/19/16).
- 0 pediatric influenza-associated mortalities have been reported during the 2016-2017 season (through 11/19/16).
- No novel influenza A virus infections have been reported during the 2016-2017 season (through 11/19/16).
- Incidence of confirmed influenza-associated hospitalizations in 2016-2017 season = 60 (through 11/19/16).



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**Regional Surveillance\*:** During week 45 (November 6th- November 12th, 2016), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.6%, which is below the regional baseline of 1.8%. Ohio, Indiana, Pennsylvania, Michigan, Kentucky, and West Virginia reported Sporadic Activity.

**National Surveillance\*:** During week 45 (November 6th- November 12th, 2016), the majority U.S. states reported Minimal influenza activity, 2 states reported Low Activity. The proportion of outpatient visits for ILI was 1.6%, which is below the national baseline of 2.2%. 1 HHS region 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

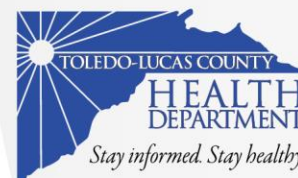
## **Flu Information:**

### **Influenza Virus Characterization:**

During May 22 – November 12, 2016, CDC has antigenically characterized 194 influenza viruses [20 influenza A (H1N1)pdm09, 99 influenza A (H3N2), and 75 influenza B viruses] collected by U.S. laboratories. All 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 (H1N1)pdm09 and 86% of the influenza A (H3N2) viruses characterized matched the viruses included in the 2016-17 influenza vaccine.

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

[ODH Seasonal Influenza Activity Summary MMWR 46](#)



For more information on state and local flu surveillance please contact:

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