

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 48 November 26-December 3, 2016

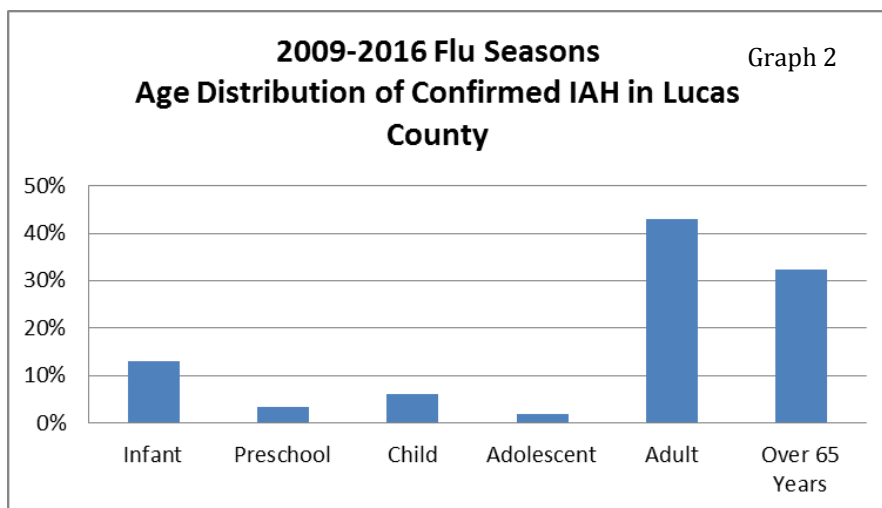
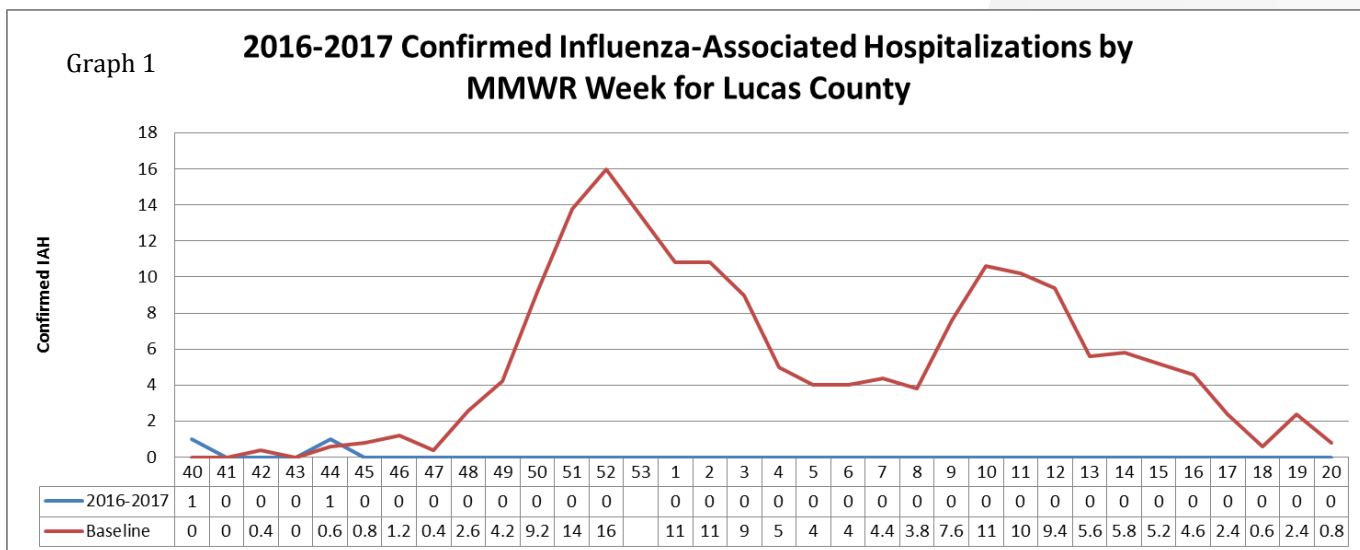
Local Surveillance:

Current Influenza Activity Levels:

- Lucas County had **zero** confirmed Influenza-associated Hospitalizations (IAH) reported, allowing the total to remain at **two** as of December 3, 2016.
- *Gender Distribution of Cases:* currently N/A

Lucas County accounts for 2.4% 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



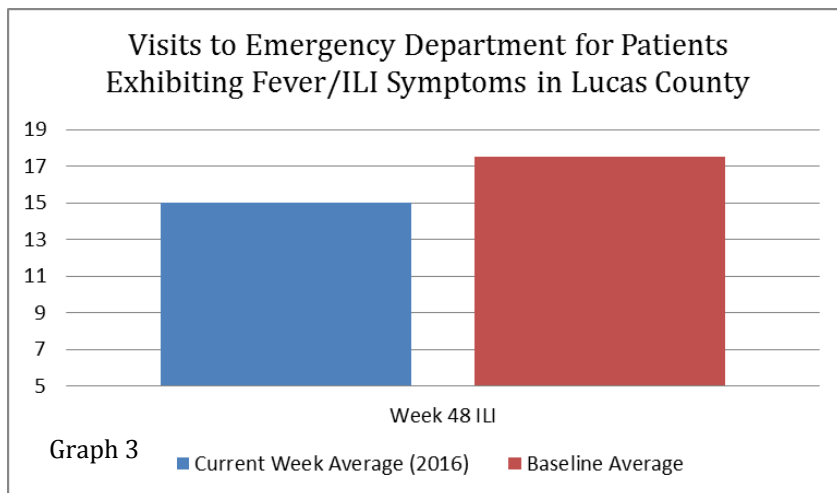
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The number of emergency department visits with patients exhibiting fever/ILI symptoms is below baseline in Lucas County for MMWR week 48. ILI (Influenza-Like Illness) is defined as a fever greater than or equal to 100 degrees F AND a cough or sore throat. (Graph 3)

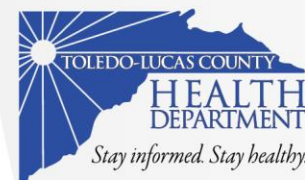


Summary of State Data: *Current Ohio Activity Level (Geographic Spread) – : Local Definition: Increased ILI in 1 region; ILI activity in other regions is not increased AND recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI, OR 2 or more institutional outbreaks (ILI 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 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 19 influenza-associated hospitalizations reported.

State Surveillance:

- ODH lab has reported 68 influenza tests from specimens sent from various submitters. 2016-2017 influenza season positive results: (0) A/pdmH1N1; (12) A/H3N2; (1) Influenza B; (through 12/03/16).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 9,709 influenza tests performed at participating facilities. 2016-2017 influenza season positive results: (0) H1N1, (4) A/H3N2, (48) Flu A Not Subtyped, and (29) Flu B (through 12/03/16).
- 0 pediatric influenza-associated mortalities have been reported during the 2016-2017 season (through 12/03/16).
- No novel influenza A virus infections have been reported during the 2016-2017 season (through 12/03/16).



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- Incidence of confirmed influenza-associated hospitalizations in 2016-2017 season = 83 (through 12/03/16).

Regional Surveillance*: During week 47 (November 20th - November 26th, 2016), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.0%, which is below the regional baseline of 1.8%. Ohio (Local for week 48), Pennsylvania, Michigan, Kentucky, and West Virginia reported Sporadic Activity. Indiana reports Local Activity.

National Surveillance*: During week 47 (November 20th- November 26th, 2016), the majority U.S. states reported Minimal influenza activity, 5 states reported Low Activity. The proportion of outpatient visits for ILI was 1.8%, which is below the national baseline of 2.2%. Three 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:

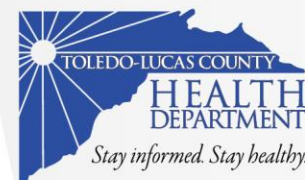
Influenza Virus Characterization:

CDC has antigenically characterized 34 influenza viruses [7 influenza A (H1N1)pdm09, 15 influenza A (H3N2), and 12 influenza B viruses] collected by U.S. laboratories since October 1, 2016.

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 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 Influenza Activity Report](#)



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

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