

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 49 December 3-9, 2017

Local Surveillance:

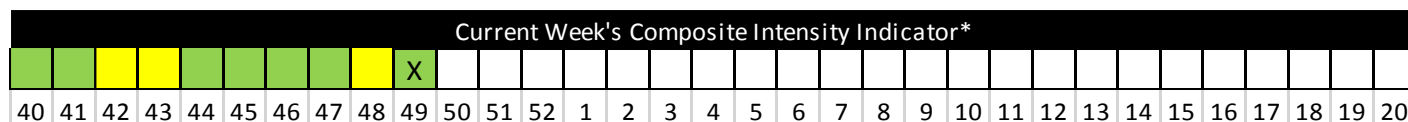
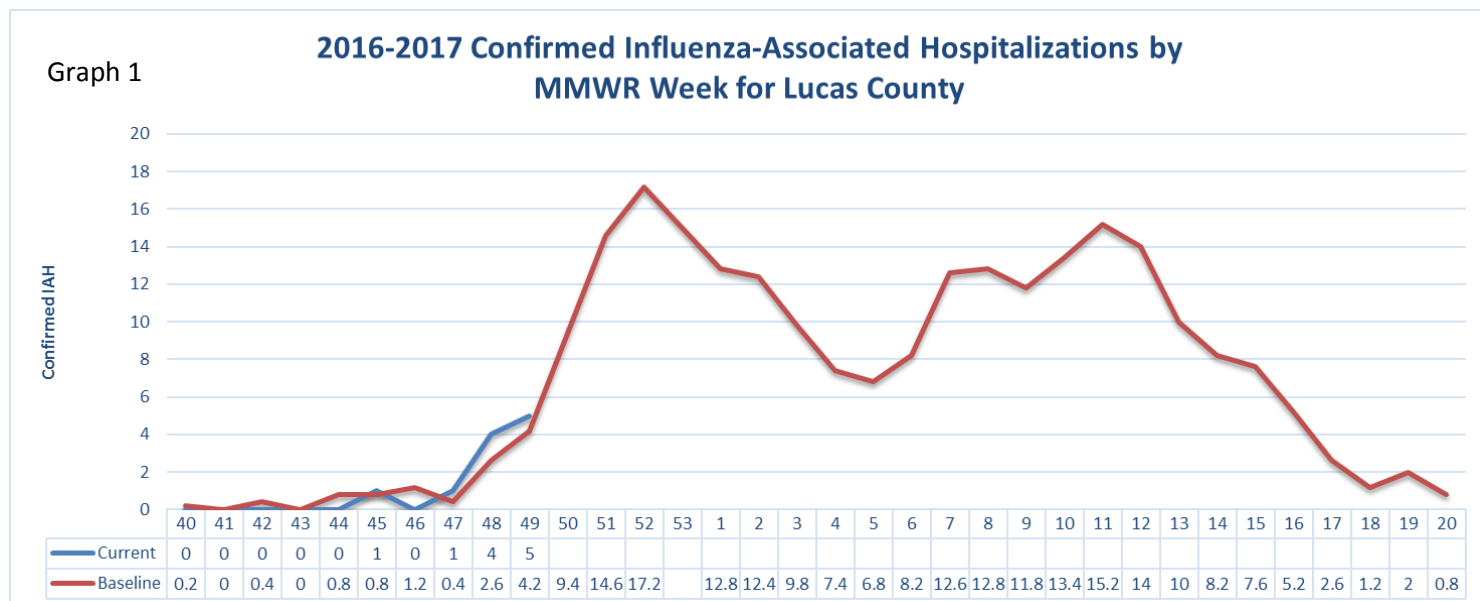
Current Influenza Activity Levels:

Lucas County had 5 confirmed Influenza-associated Hospitalizations (IAH) reported in week 49, bringing the total to 11 cases as of December 9, 2017. 10 cases were flu type A, 8 were unsubtype and 2 were H3 strain. 1 case was unsubtype influenza B.

Gender Distribution of Cases: 77% female, 23% male

Lucas County accounts for 1.9% of the IAH reported in Ohio.

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.



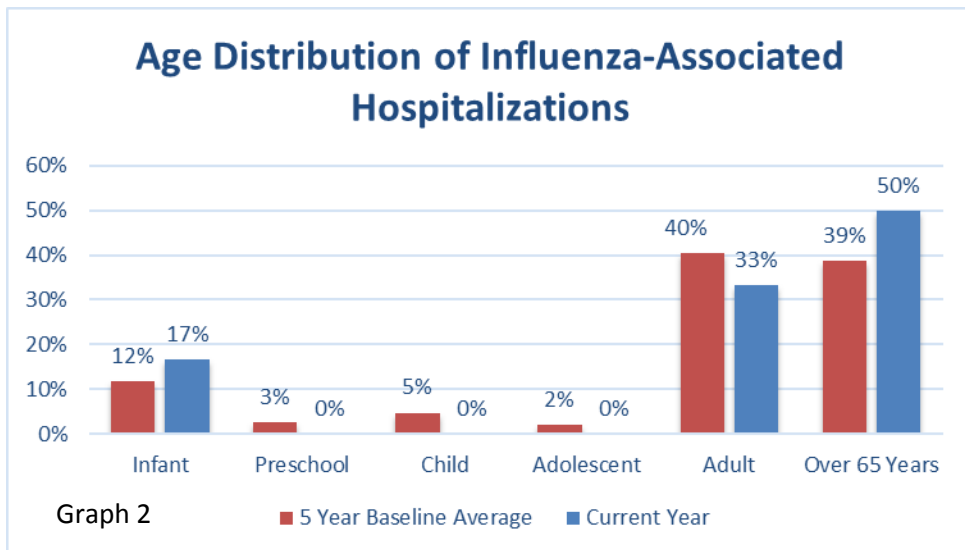
ED Visits are comprised of Influenza-like illness and respiratory syndrome.

MAIN OFFICE
 635 North Erie Street
 Toledo, Ohio 43604
 419.213.4100

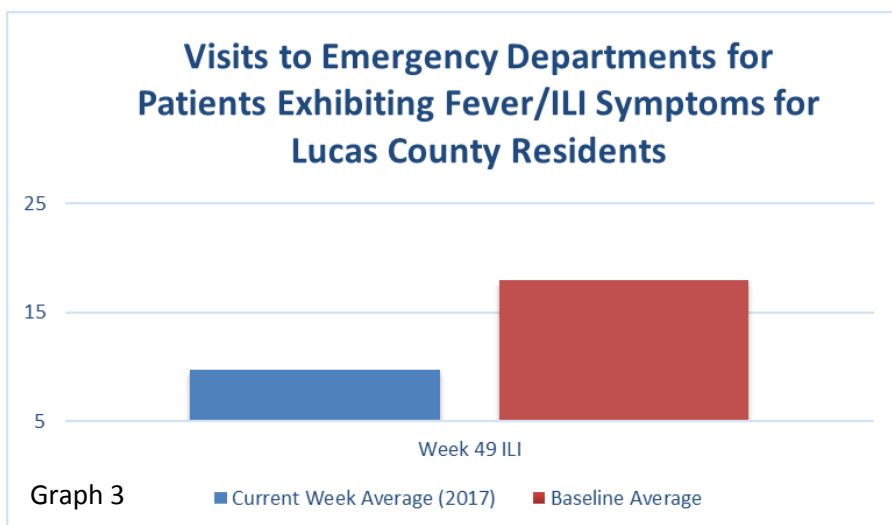
WESTERN CLINIC SITE
 330 Oak Terrance Blvd.
 Holland, Ohio 43528
 419.213.6255

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The number of emergency department visits with patients exhibiting fever/ILI symptoms was well below baseline for MMWR 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) – 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 49, 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 and fever and ILI specified ED visits are below baseline levels.

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Reported cases of influenza-associated hospitalizations are above the seasonal threshold*. There were 144 influenza-associated hospitalizations reported.

State Surveillance:

- ODH lab has reported 44 influenza tests from specimens sent from various submitters. 2017-2018 influenza season results: (1) A/pdmH1N1; (27) A/H3N2; (1) Influenza B; (through 12/9/2017).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 13,501 influenza tests performed at participating facilities. 2017-2018 influenza season positive results: (1) H1N1, (21) A/H3N2, (195) Flu A Not Subtyped, and (49) Flu B (through 12/9/2017).
- 0 pediatric influenza-associated mortalities have been reported during the 2017-2018 season (through 12/9/2017).
- No novel influenza A virus infections have been reported during the 2017-2018 season (through 12/9/2017).
- Incidence of confirmed influenza-associated hospitalizations in 2017-2018 season = 401 (through 12/9/2017).

Regional Surveillance*: During week 48 (November 26 – December 2, 2017), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.8%, which is at the regional baseline of 1.8%. West Virginia reported Sporadic Activity; Indiana, Michigan and Pennsylvania reported Local Activity; Kentucky and Ohio reported Regional Activity, (Ohio reported Widespread Activity for Week 49)

National Surveillance*: During week 48 (November 26 – December 2, 2017), Most U.S. states reported Minimal or Low influenza activity. The proportion of outpatient visits for ILI was 2.3%, which is above the national baseline of 2.2%. Four of 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:

[WHO: Flu on the rise in North America, parts of Asia](#)

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

[ODH Influenza Activity Summary MMWR 49](#)