

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 50 December 10-16, 2017

Local Surveillance:

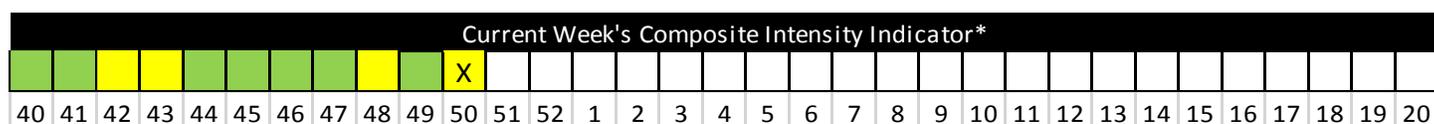
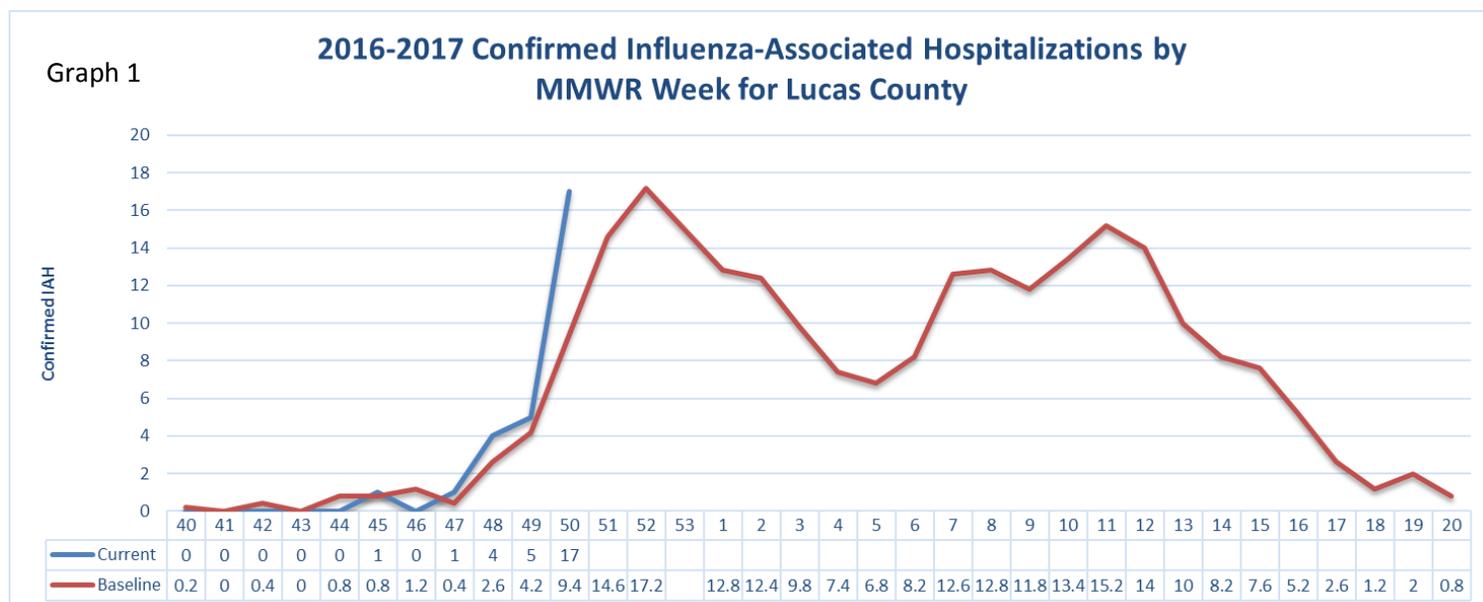
Current Influenza Activity Levels:

Lucas County had **17** confirmed Influenza-associated Hospitalizations (IAH) reported in week 50, bringing the total to **28** cases as of December 16, 2017. *91% of cases were flu type A, 2 were H3 strain-the majority were not subtyped. 9% of cases were unsubtyped influenza B.*

Gender Distribution of Cases: 63% female, 37% male

Lucas County accounts for 2.1% 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.



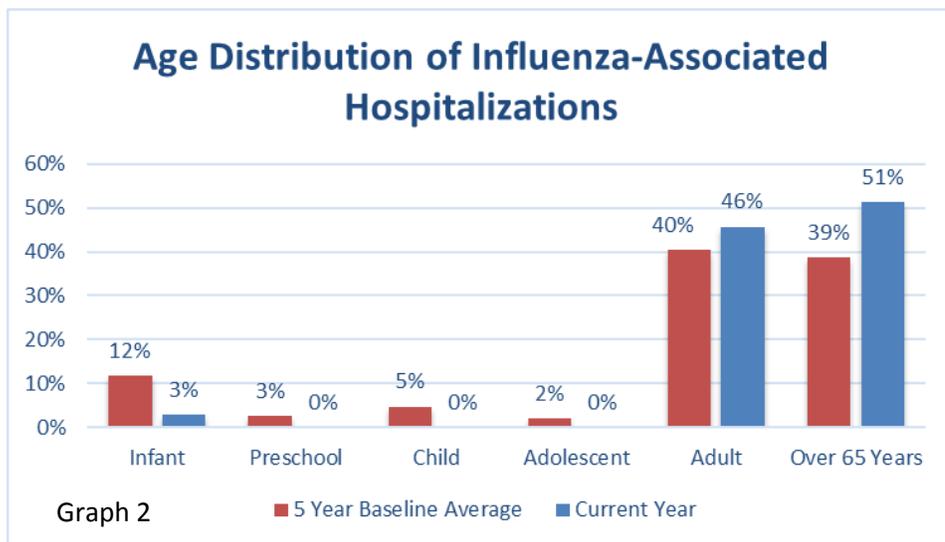
ED Visits are comprised of Influenza-like illness and respiratory syndrome as **compared to the baseline average**

MAIN OFFICE
635 North Erie Street
Toledo, Ohio 43604
419.213.4100

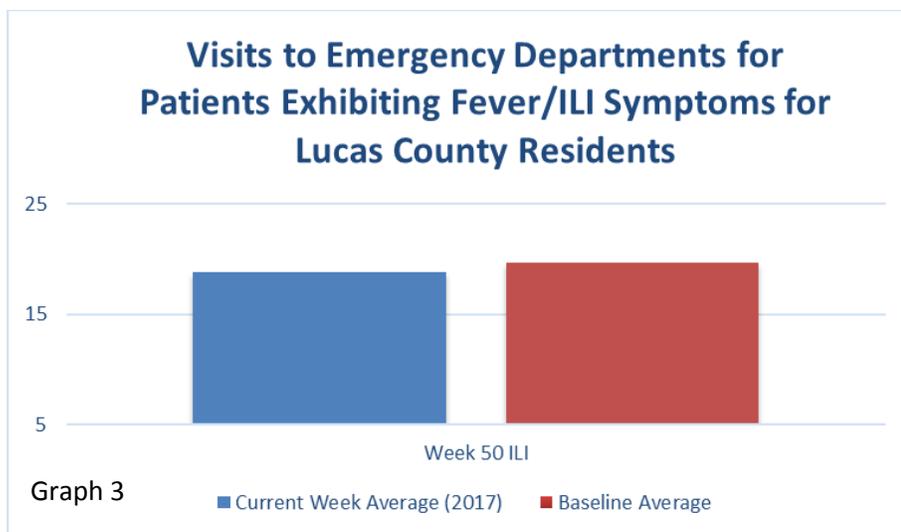
WESTERN CLINIC SITE
330 Oak Terrance Blvd.
Holland, Ohio 43528
419.213.6255

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The number of emergency department visits with patients exhibiting fever/ILI symptoms was almost to baseline for MMWR 50. 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 50, public health surveillance data sources indicate minimal intensity for influenza-like illness (ILI) in outpatient settings reported by Ohio’s sentinel providers. Outpatient medical claims related to influenza-like illness are above seasonal threshold levels. The percentage of emergency department visits with patients exhibiting

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constitutional symptoms and fever and ILI specified ED visits are below baseline levels. Reported cases of influenza-associated hospitalizations are above the seasonal threshold*. There were 228 influenza-associated hospitalizations reported.

State Surveillance:

- ODH lab has reported 71 influenza tests from specimens sent from various submitters. 2017-2018 influenza season results: (1) A/pdmH1N1; (54) A/H3N2; (1) Influenza B; (through 12/16/2017).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 15,391 influenza tests performed at participating facilities. 2017-2018 influenza season positive results: (2) H1N1, (29) A/H3N2, (445) Flu A Not Subtyped, and (73) Flu B (through 12/16/2017).
- 0 pediatric influenza-associated mortalities have been reported during the 2017-2018 season (through 12/16/2017).
- No novel influenza A virus infections have been reported during the 2017-2018 season (through 12/16/2017).
- Incidence of confirmed influenza-associated hospitalizations in 2017-2018 season = 629 (through 12/16/2017).

Regional Surveillance*: During week 49 (December 3, – December 9, 2017), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.9%, which is above the regional baseline of 1.8%. Indiana, Michigan, Pennsylvania and West Virginia reported Local Activity; Kentucky reported Regional Activity, Ohio reported Widespread Activity.

National Surveillance*: During week 49 (December 3, – December 9, 2017), Most U.S. states reported Minimal or Low influenza activity. The proportion of outpatient visits for ILI was 2.7%, which is **above** the national baseline of 2.2%. Seven 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:

[Influenza Antiviral Medication: Summary for Clinicians](#)

[US flu activity jumps as new variant H3N2 case confirmed](#)

[New estimate shows higher global rate of deaths from flu](#)

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

[ODH Influenza Activity Summary](#)