

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 07 February 9-15, 2020

Local Surveillance:

Current Influenza Activity Levels:

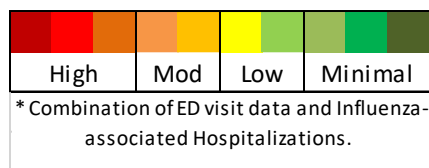
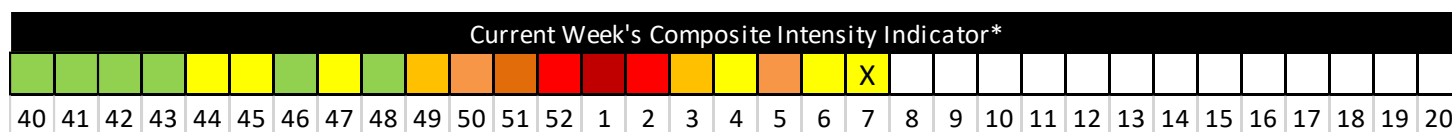
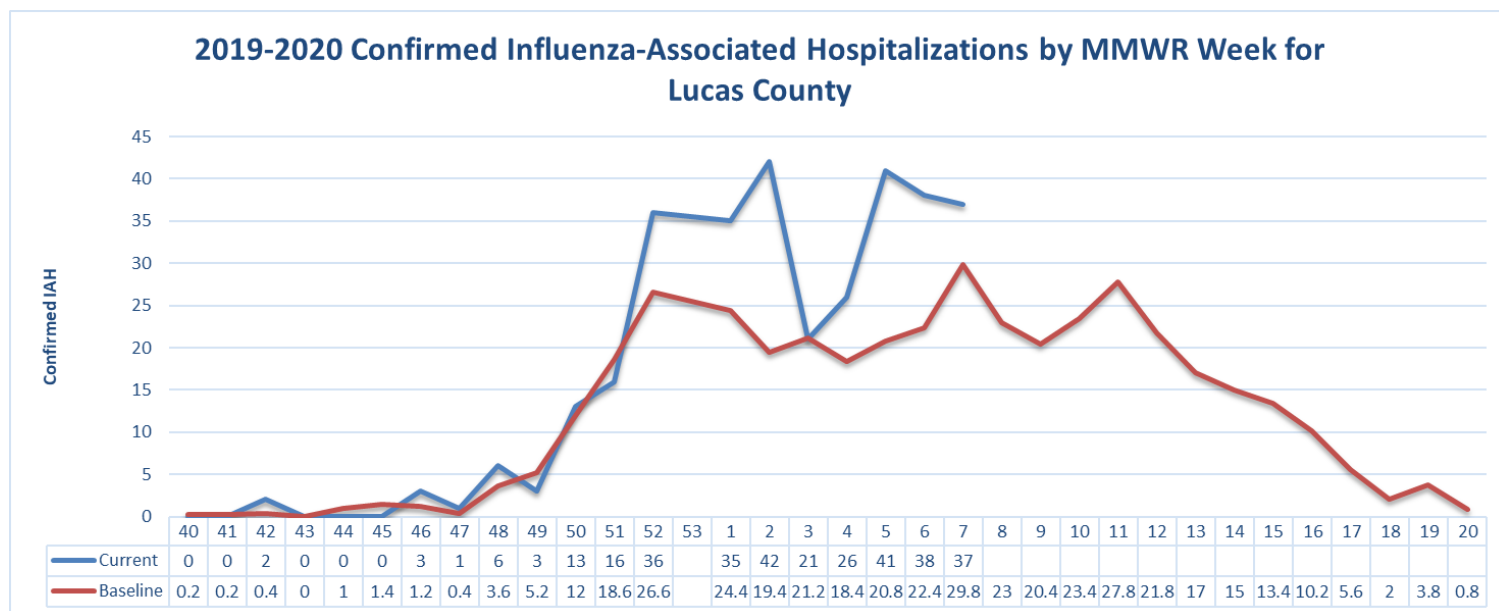
Lucas County had **37** confirmed Influenza-associated Hospitalizations (IAH) reported in week 07, bringing the total to **320** cases as of February 15, 2020. 50% of cases are flu type B, 50% are flu type A (39% reported H1N1, 63% unsubtype)

Gender Distribution of Cases: 56% female, 44% male

Lucas County accounts for 4.6% of the IAH reported in Ohio. Rate per 100,000 population**: 69.03

**Disease rates were calculated by number of cases per 100,000 residents using 2010 census data

Graph 1 illustrates the current confirmed IAH compared to baseline, which is a five year average.

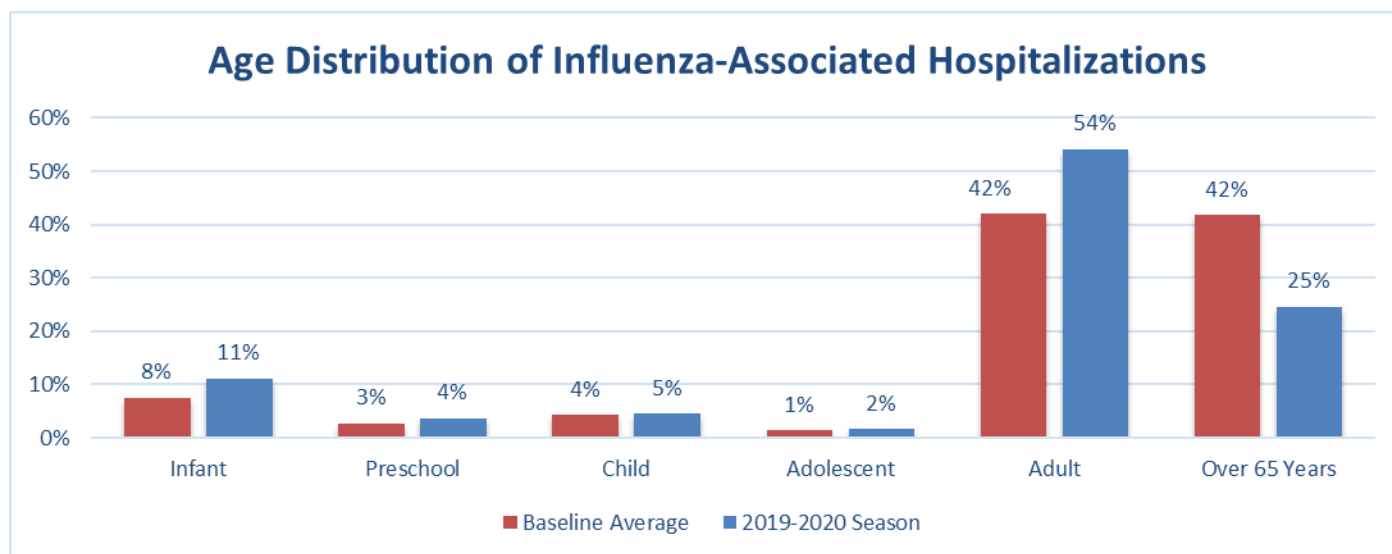


ED Visits are comprised of Influenza-like illness and respiratory syndrome as compared to the baseline average

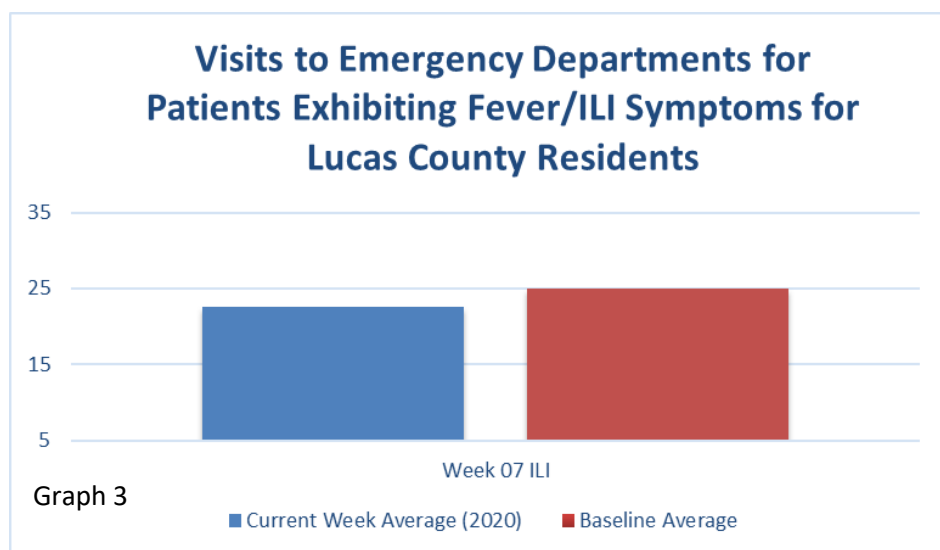


Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 07 February 9-15, 2020



The number of emergency department visits with patients exhibiting fever/ILI symptoms was slightly below baseline for MMWR 07. 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 7, public health surveillance data sources indicate high 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 decreased but are above baseline levels statewide; fever and ILI specified ED visits

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 07 February 9-15, 2020

decreased and are also still above baseline levels. Reported cases of influenza-associated hospitalizations are above the seasonal threshold*. There were 1192 influenza-associated hospitalizations reported during MMWR Week 7.

State Surveillance:

- ODH lab has reported 607 positive influenza tests from specimens sent from sentinel ILINet providers and hospital clinical labs. 2019-2020 influenza season results: (310) A/pdmH1N1; (17) A/H3N2; (280) Influenza B; (through 02/15/2020).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 59,438 influenza specimens tested by RT-PCR at participating facilities. 2019-2020 influenza season positive results: (328) A/pdmH1N1; (3) A/H3N2; (5,675) Flu A Not Subtyped; and (7,113) Flu B; (through 02/15/2020)
- 2 influenza-associated pediatric mortalities have been reported during the 2019-2020 season (through 02/15/2020).
- No novel influenza A virus infections have been reported during the 2019-2020 season (through 02/15/2020).
- Incidence of confirmed influenza-associated hospitalizations in 2019-2020 season = 6,631 (through 02/15/2020).

Regional Surveillance*: During week 6 (February 2nd – February 8th, 2020), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 5.49%, which is above the regional baseline of 1.9%. Michigan, Ohio, West Virginia, Pennsylvania, Kentucky, and Indiana reported Widespread Activity.

National Surveillance*: During week 6 (February 2nd – February 8th, 2020), the majority of the U.S. reported High influenza activity. The proportion of outpatient visits for ILI was 6.8%, which is above the national baseline of 2.4%. All 10 HHS regions reported ILI levels at or above their region-specific baseline level. Nationally, influenza B/Victoria viruses have been reported more frequently than other influenza viruses this season. However, during recent weeks, influenza A(H1N1)pdm09 viruses have been reported more frequently than B/Victoria viruses. The predominant virus varies by region.

**Regional and National surveillance data are reported one week later than Ohio state and local data*

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

[ODH Influenza Activity Summary MMWR 7](#)