

# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 08 February 16-22, 2020

## Local Surveillance:

### Current Influenza Activity Levels:

Lucas County had **44** confirmed Influenza-associated Hospitalizations (IAH) reported in week 08, bringing the total to **364** cases as of February 22, 2020. 50% of cases are flu type B, 50% are flu type A (39% reported H1N1, 63% unsubtype)

--There were no deaths reported in week 8

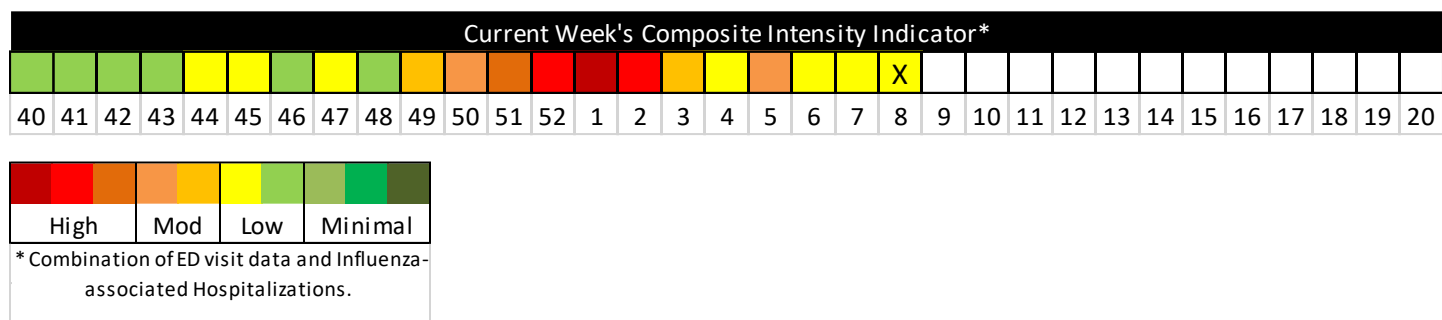
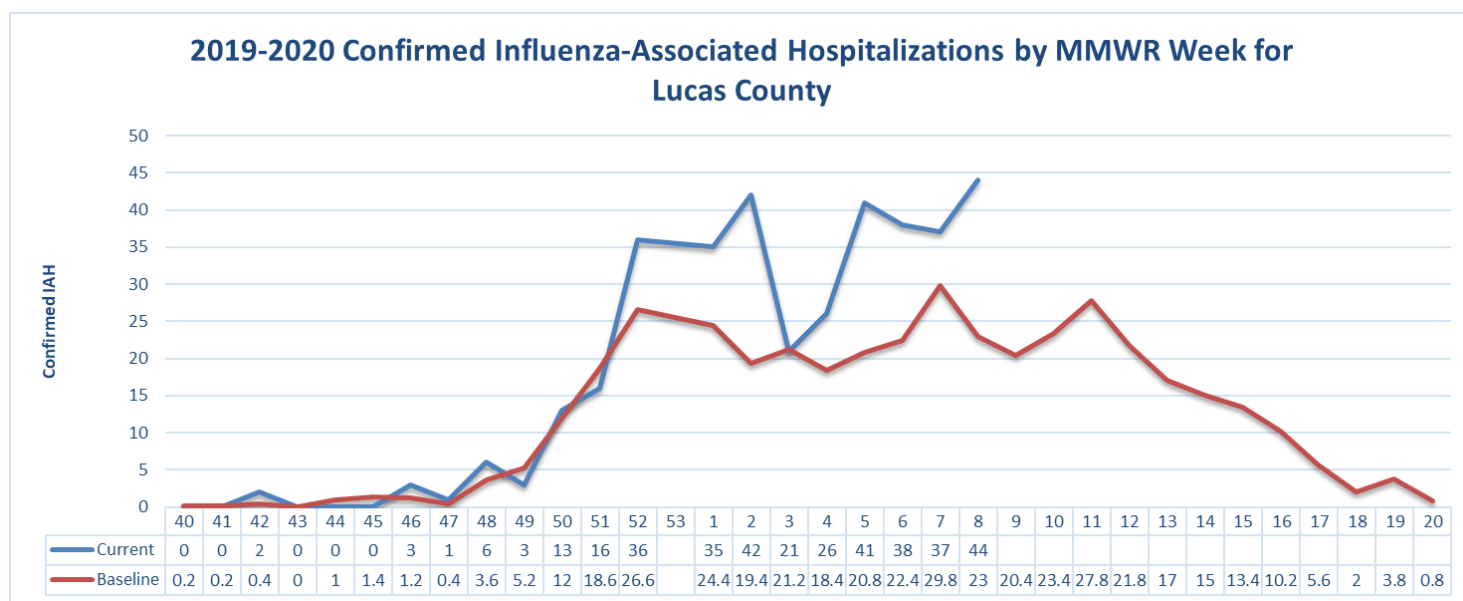
Gender Distribution of Cases: 56% female, 44% male

Lucas County accounts for 4.3% of the IAH reported in Ohio. Rate per 100,000 population\*\*: 74.47

\*Stating Influenza as the cause of death OR as 'a consequence of' on the certificate of death. Please note that some individuals may have underlying health conditions and influenza may not be the sole cause of their death.

\*\*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.

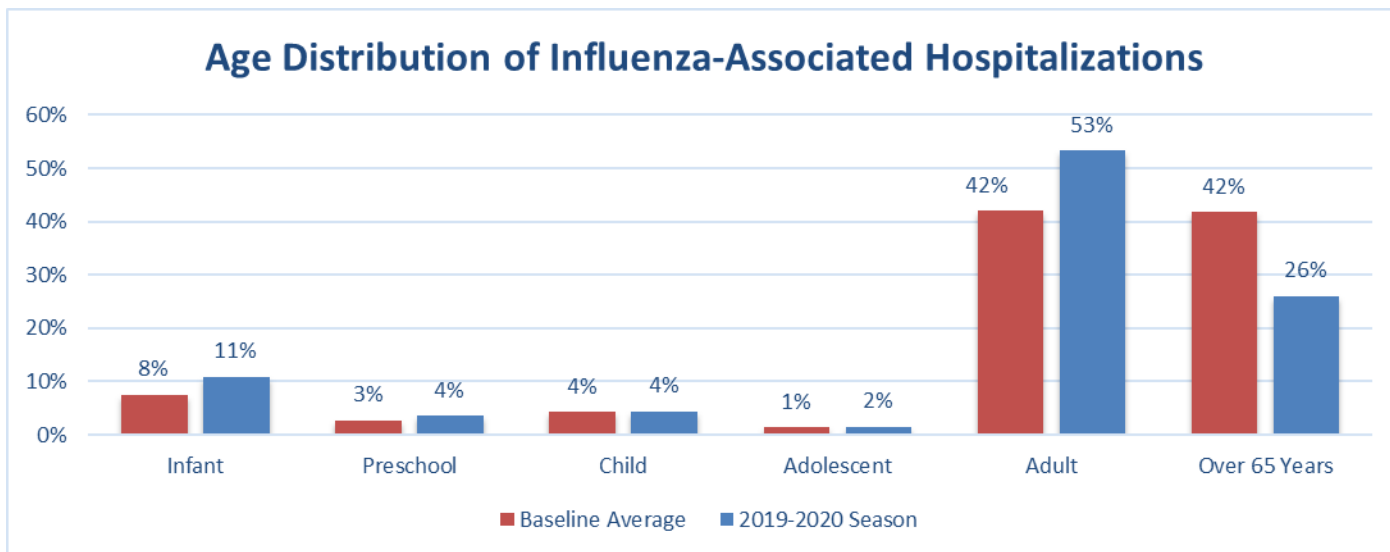


ED Visits are comprised of Influenza-like illness and respiratory syndrome as compared to the baseline average

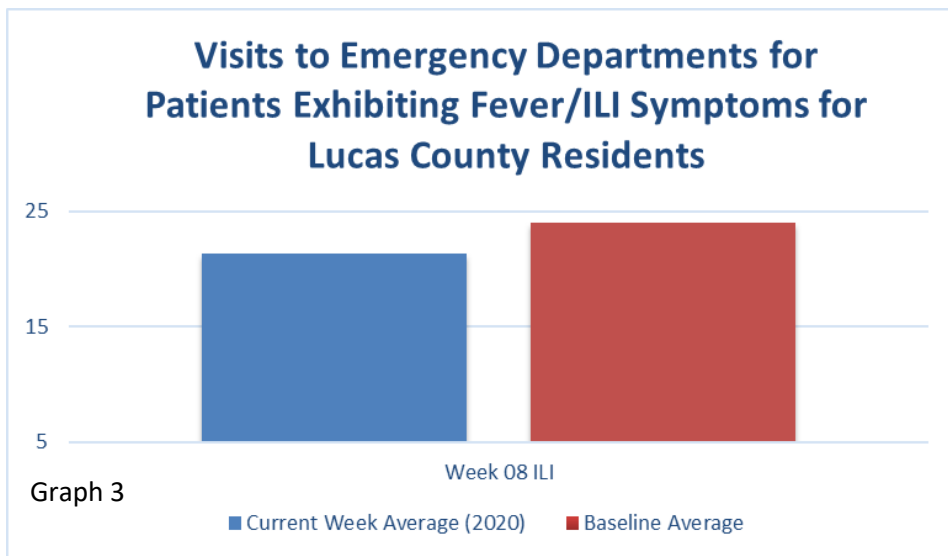


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The number of emergency department visits with patients exhibiting fever/ILI symptoms was slightly below baseline for MMWR 08. ILI (Influenza-Like Illness) is defined as a fever greater than or equal to 100 degrees F AND a cough or sore throat. (Graph 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 8, public health surveillance data sources indicate Moderate 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 still above baseline levels statewide; fever and ILI

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specified ED visits decreased and are also still above baseline levels. Reported cases of influenza-associated hospitalizations are above the seasonal threshold\*. There were 981 influenza-associated hospitalizations reported during MMWR Week 8.

## **State Surveillance:**

- ODH lab has reported 709 positive influenza tests from specimens sent from sentinel ILINet providers and hospital clinical labs. 2019-2020 influenza season results: (377) A/H1N1pdm09; (17) A/H3N2; (315) Influenza B; (through 02/22/2020).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 63,902 influenza specimens tested by RT-PCR at participating facilities. 2019-2020 influenza season positive results: (418) A/pdmH1N1; (3) A/H3N2; (6,773) Flu A Not Subtyped; and (7,575) Flu B; (through 02/22/2020)
- 2 influenza-associated pediatric mortalities have been reported during the 2019-2020 season (through 02/22/2020).
- No novel influenza A virus infections have been reported during the 2019-2020 season (through 02/22/2020).
- Incidence of confirmed influenza-associated hospitalizations in 2019-2020 season = 7,592 (through 02/22/2020).

**Regional Surveillance\*:** During week 7 (February 9th – February 15th, 2020), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) decreased to 5.15%, which is above the regional baseline of 1.9%. Michigan, Ohio, West Virginia, Pennsylvania, Kentucky, and Indiana reported Widespread Activity.

**National Surveillance\*:** During week 7 (February 9th – February 15th, 2020), the majority of the U.S. reported High influenza activity. The proportion of outpatient visits for ILI decreased to 6.1%, which is above the national baseline of 2.4%. All 10 HHS regions reported ILI levels at or above their region-specific baseline level. While influenza B/Victoria viruses predominated earlier in the season, during recent weeks, influenza A(H1N1)pdm09 viruses have been reported more frequently than B/Victoria viruses. For the season, the number of B/Victoria and A(H1N1)pdm09 viruses are approximately equal. 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 8](#)