

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 47 November 17-23, 2019

Local Surveillance:

Current Influenza Activity Levels:

Lucas County had 1 confirmed Influenza-associated Hospitalizations (IAH) reported in week 47, bringing the total to 6 cases as of November 23, 2019. 67% of cases are flu type A, the majority were not subtyped.

--There were no deaths reported

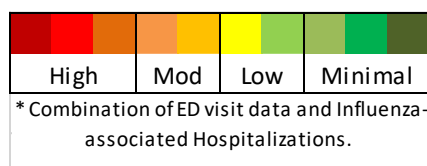
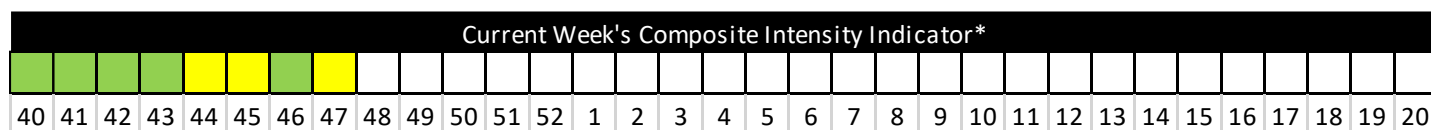
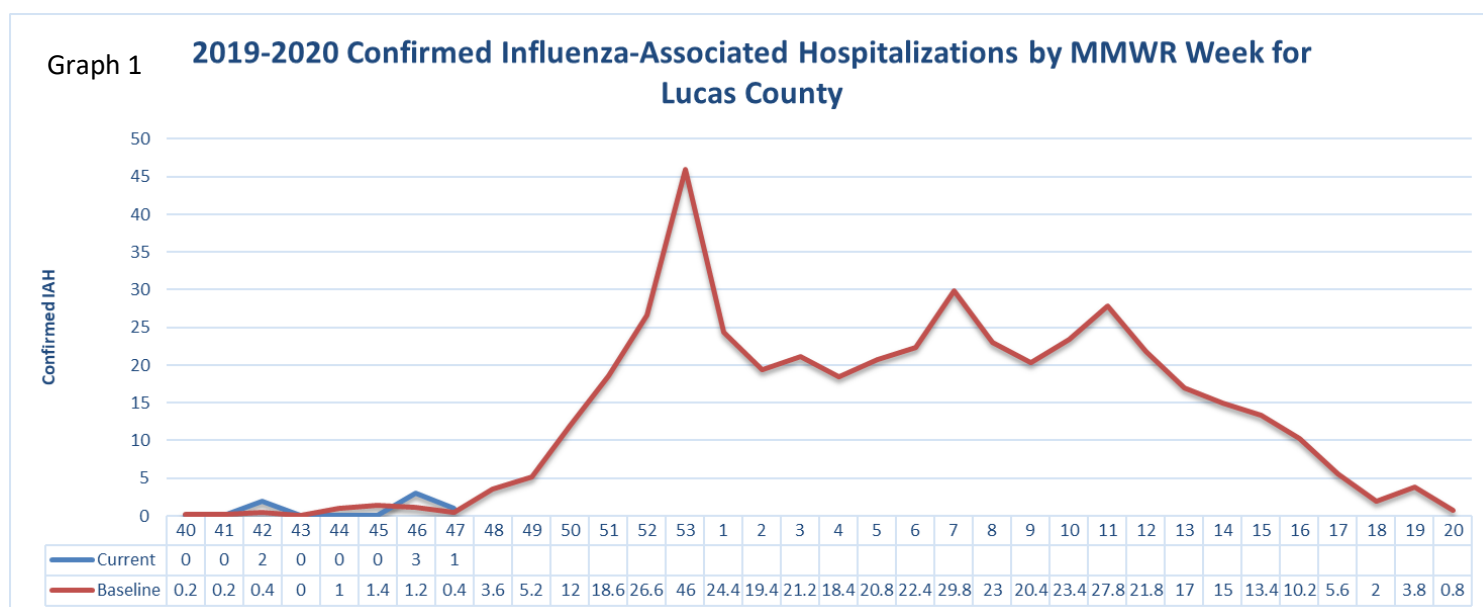
Gender Distribution of Cases: 60% female, 40% male

Lucas County accounts for 4.3% of the IAH reported in Ohio. Rate per 100,000 population**: 1.36

*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.



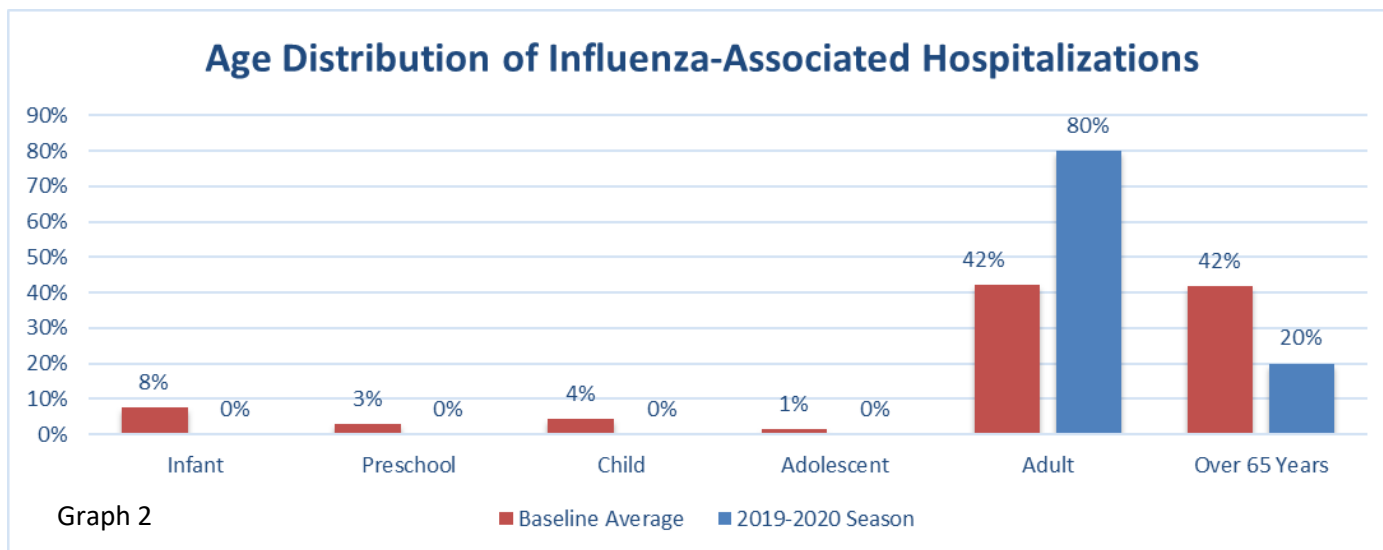
ED Visits are comprised of Influenza-like illness and respiratory syndrome as compared to the baseline average

MAIN OFFICE
635 North Erie Street
Toledo, Ohio 43604
419.213.4100

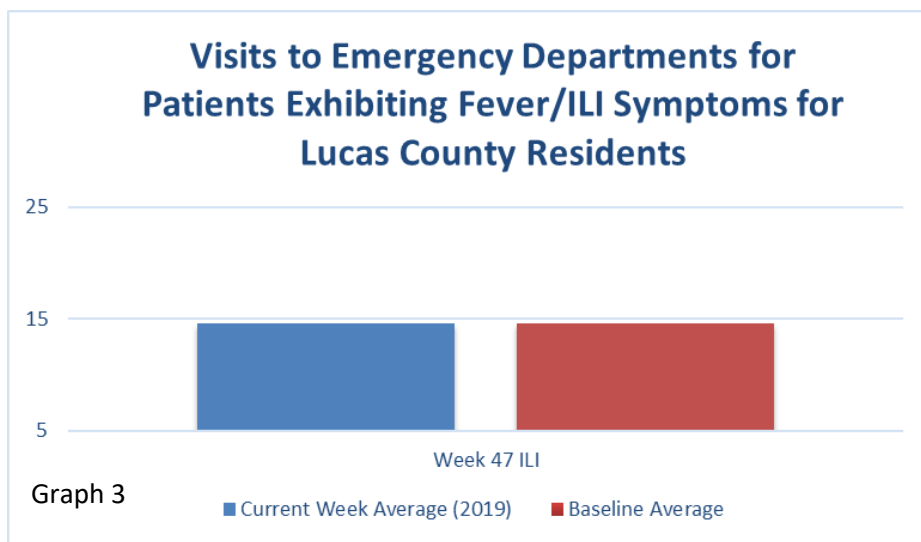
WESTERN CLINIC SITE
330 Oak Terrance Blvd.
Holland, Ohio 43528
419.213.6255

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 46 November 17-23, 2019



The number of emergency department visits with patients exhibiting fever/ILI symptoms was right around baseline for MMWR 47. 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.

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 46 November 17-23, 2019

During MMWR Week 47, 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 above baseline levels statewide; fever and ILI specified ED visits are also above baseline levels. Reported cases of influenza-associated hospitalizations are above the seasonal threshold*. There were 32 influenza-associated hospitalizations reported during MMWR Week 47.

State Surveillance:

- ODH lab has reported 12 positive influenza tests from specimens sent from sentinel ILINet providers and hospital clinical labs. 2019-2020 influenza season results: (1) A/pdmH1N1; (7) A/H3N2; (4) Influenza B; (through 11/23/2019).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 12,009 influenza RT-PCR tests performed at participating facilities. 2019-2020 influenza season positive results: (6) A/pdmH1N1; (2) A/H3N2; (50) Flu A Not Subtyped; and (38) Flu B; (through 11/23/2019).
- 0 pediatric influenza-associated mortalities have been reported during the 2019-2020 season (through 11/23/2019).
- No novel influenza A virus infections have been reported during the 2019-2020 season (through 11/23/2019).
- Incidence of confirmed influenza-associated hospitalizations in 2019-2020 season = 139 (through 11/23/2019).

Regional Surveillance*: During week 46 (November 10th – November 16th, 2019), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.5%, which is below the regional baseline of 1.9%. Ohio (Local for week 47) and Pennsylvania reported Sporadic Activity; West Virginia, Michigan, Kentucky, and Indiana reported Local Activity.

National Surveillance*: During week 46 (November 10th – November 16th, 2019), the majority of U.S. states reported Minimal or Low influenza activity. The proportion of outpatient visits for ILI was 2.5%, which is above the national baseline of 2.4%. Four of 10 HHS regions reported ILI levels at or above their region-specific baseline level. Nationally, influenza B/Victoria viruses are the most commonly reported influenza viruses among children age 0-4 years (48% of reported viruses) and 5-24 years (56% of reported viruses), while A(H3N2) viruses are the most commonly reported influenza viruses among persons 65 years of age and older (70% of reported viruses). Among adults aged 25-64 years, approximately equal proportions of influenza A(H1N1)pdm09, A(H3N2) and B/Victoria viruses (33%, 24% and 31%, respectively) have been reported

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

Flu News:

[CIDRAP: US flu picks up pace ahead of Thanksgiving](#)

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

[ODH Influenza Activity Summary MMWR 47](#)