

Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

MMWR Week 52 December 23-29, 2018

Local Surveillance:

Current Influenza Activity Levels:

Lucas County had **13** confirmed Influenza-associated Hospitalizations (IAH) reported in week 52, bringing the total to **28** cases as of December 29, 2018. *97% of cases are flu type A (4 subtyped to H1N1, 5 subtyped to H3 strain)*

--There were no deaths* reported

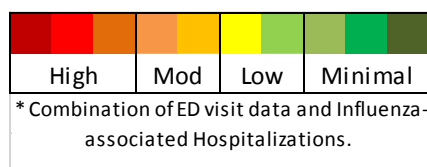
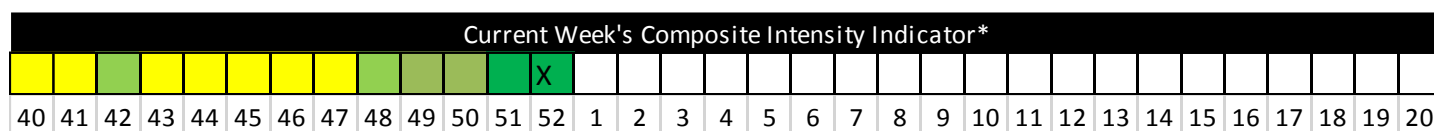
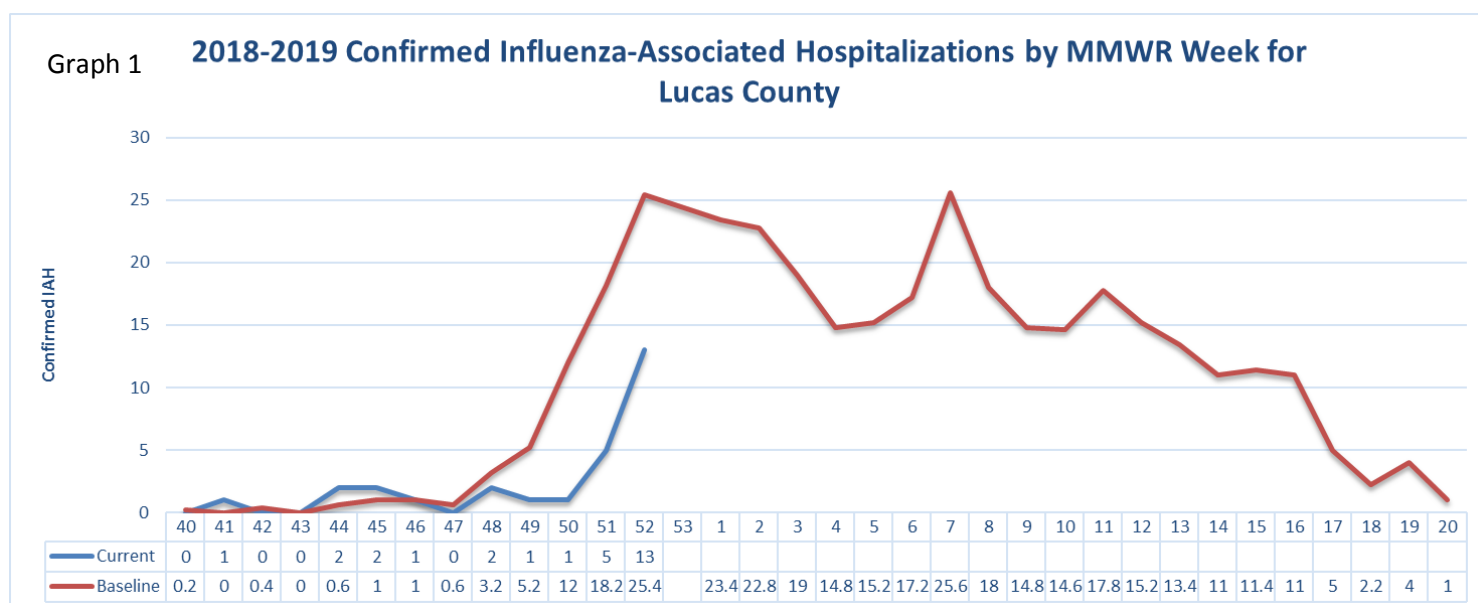
Gender Distribution of Cases: 67% female, 33% male

Lucas County accounts for 3.8% of the IAH reported in Ohio. Rate per 100,000 population**: 4.75

*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.



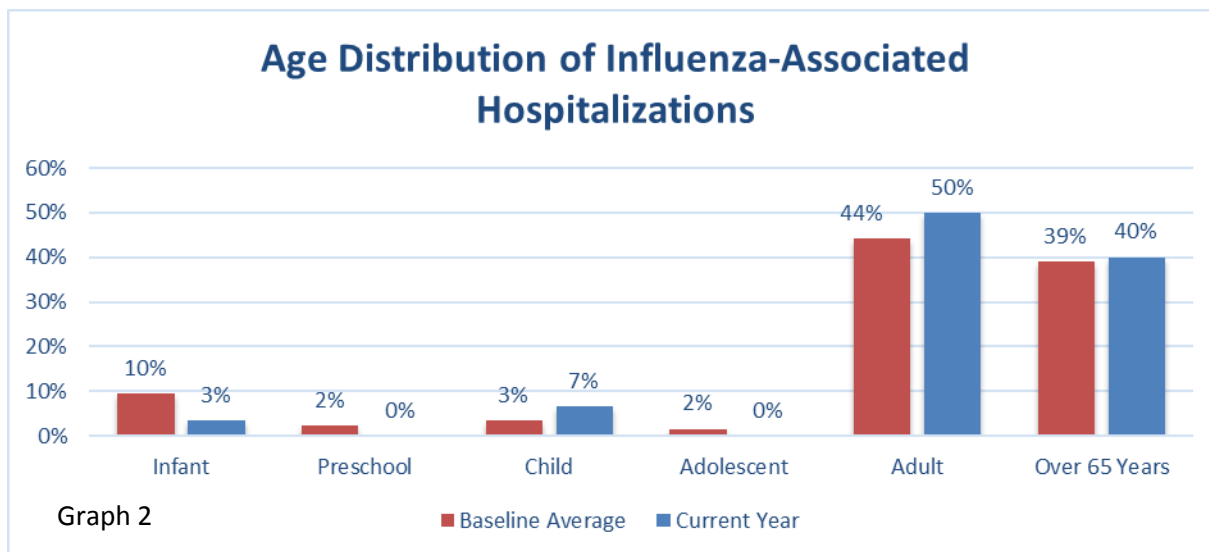
ED Visits are comprised of Influenza-like illness and respiratory syndrome as **compared to the baseline average**

MAIN OFFICE
635 North Erie Street
Toledo, Ohio 43604
419.213.4100

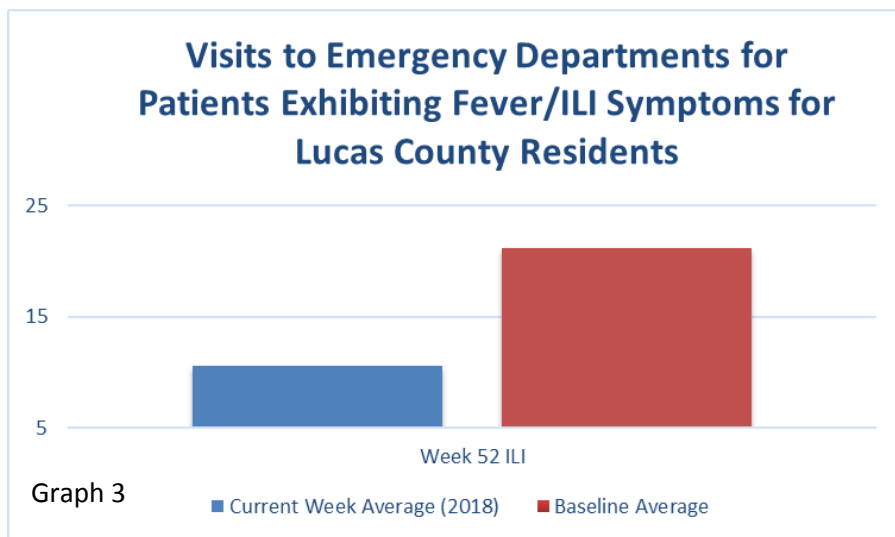
WESTERN CLINIC SITE
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419.213.6255

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The number of emergency department visits with patients exhibiting fever/ILI symptoms was well under baseline for MMWR 52. 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) – Regional

Definition: Increased ILI in > 2 but less than half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the affected regions, OR institutional outbreaks (ILI or lab confirmed) in > 2 but less than half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the affected regions. During MMWR Week 52, public

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health surveillance data sources indicate Low 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. Reported cases of influenza-associated hospitalizations are above the seasonal threshold*. There were 166 influenza-associated hospitalizations reported during MMWR Week 52.

State Surveillance:

- ODH lab has reported 69 positive influenza tests from specimens sent from various submitters. 2018-2019 influenza season positive results: (56) A/pdmH1N1; (12) A/H3N2; (1) Influenza B; (through 12/29/2018).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 23,994 influenza tests performed at participating facilities. 2018-2019 influenza season positive results: (39) A/pdmH1N1, (26) A/H3N2, (1068) Flu A Not Subtyped, and (33) Flu B (through 12/29/2018).
- 0 pediatric influenza-associated mortalities have been reported during the 2018-2019 season (through 12/29/2018).
- No novel influenza A virus infections have been reported during the 2018-2019 season (through 12/29/2018).
- Incidence of confirmed influenza-associated hospitalizations in 2018-2019 season = 555 (through 12/29/2018).

Regional Surveillance*: During week 51 (December 16th - December 22nd, 2018), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 2.5%, which is above the regional baseline of 1.8%. West Virginia and Michigan reported Local Activity; Pennsylvania, Ohio, Indiana, and Kentucky reported Regional Activity.

National Surveillance*: During week 51 (December 16th - December 22nd, 2018), the majority of U.S. states reported Minimal influenza activity; several states are reporting Low, Moderate, or High activity. The proportion of outpatient visits for ILI was 3.3%, which is above the national baseline of 2.2%. Nine of 10 regions reported ILI at or above their region-specific baseline level. Influenza A(H1N1)pdm09 viruses have predominated in most areas of the country, however influenza A(H3) viruses predominated in the southeastern United States (HHS Region 4).

**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 52](#)