

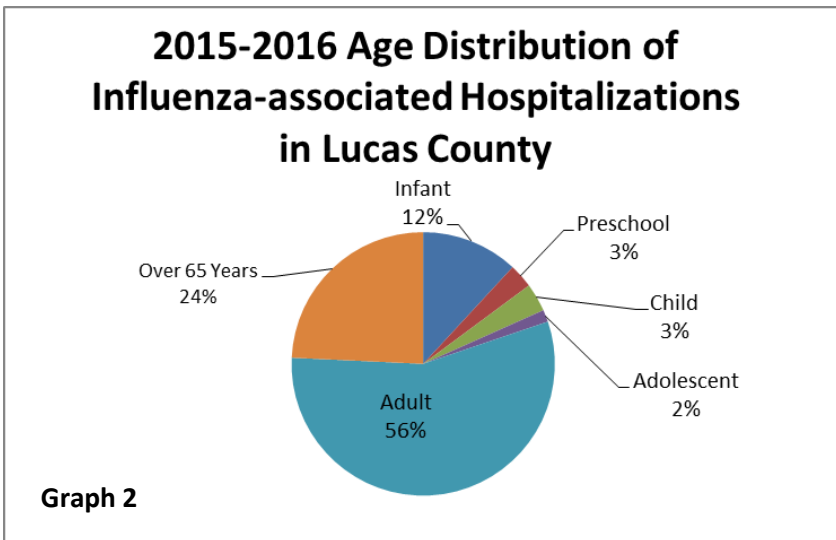
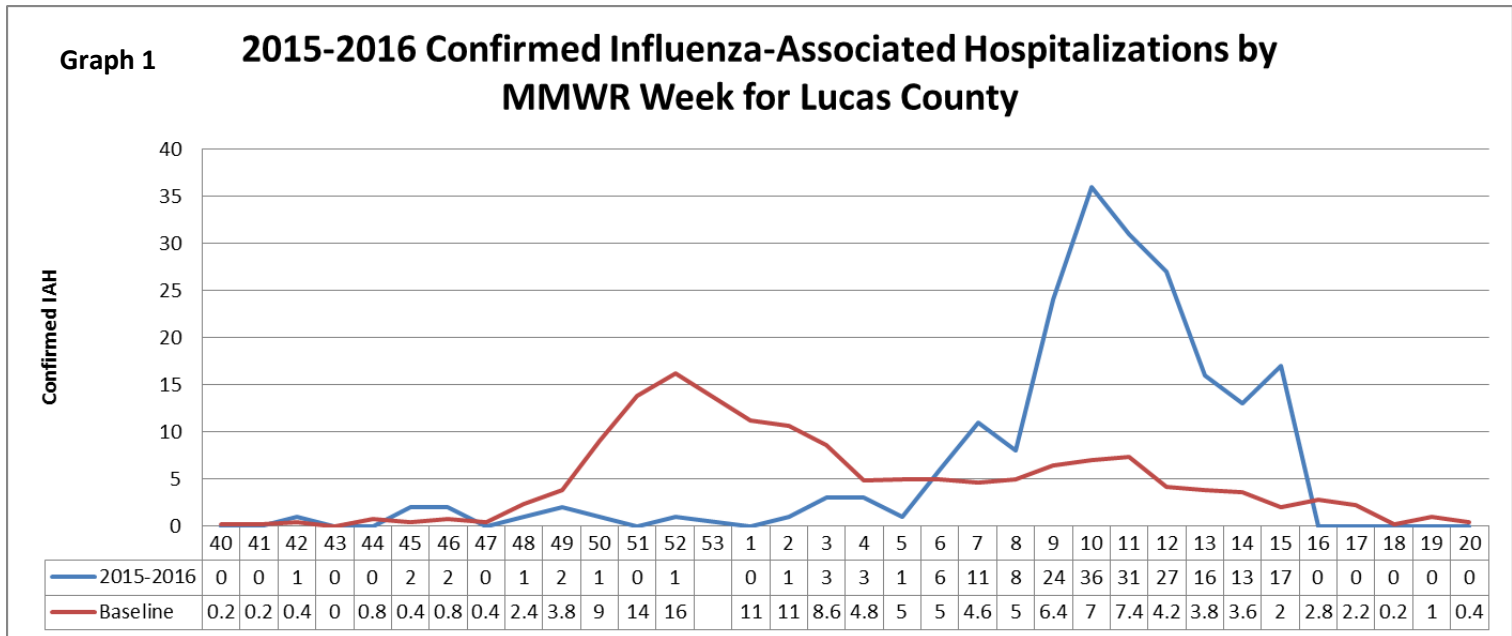
# Toledo-Lucas County Health Department Seasonal Influenza Activity Summary

**MMWR Week 15**

**April 10-16, 2016**

**Current Influenza Activity Levels:**

- Lucas County had **17** confirmed Influenza-associated Hospitalizations reported, bringing the total to **207** as of April 16, 2016.
- *Gender Distribution of Cases:* 52% female and 48% male.
- Graph 1 illustrates the current confirmed Influenza-Associated Hospitalizations compared to baseline, which is a five year average.
- Lucas County accounts for 6.4% of Influenza-associated Hospitalizations in Ohio.



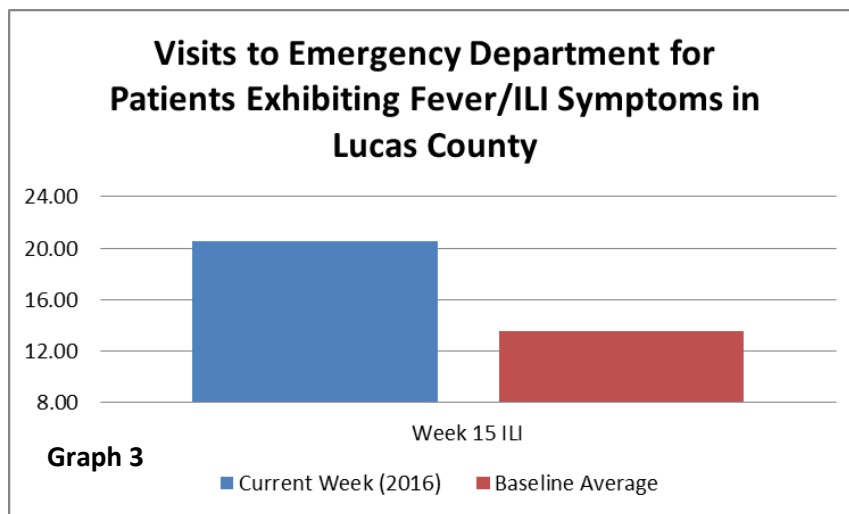
- Infant: 0-2 years
- Preschool: 3-5 years
- Child: 6-12 years
- Adolescent: 13-17 years
- Adult: 18-64 years
- Over 65 years

**Graph 2**

**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 15, public health surveillance data sources indicate minimal intensity for influenza-like illness (ILI) in outpatient settings reported by Ohio's sentinel ILINet providers. Data from other outpatient ILI indicators (athenahealth®) remain elevated but are declining. The percentage of emergency department (ED) visits with patients exhibiting constitutional symptoms decreased and is above baseline levels statewide; the percentage of fever and ILI specified ED visits decreased and is above baseline levels. There were 212 influenza-associated hospitalizations reported.

\*The number of emergency department visits with patients exhibiting fever/ILI symptoms is elevated over baseline in Lucas County for MMWR week 15. 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)



#### State Surveillance:

- ODH lab has reported 530 influenza tests from specimens sent from various submitters. 2015-2016 influenza season results: (290) A/pdmH1N1; (10) A/H3N2; (56) Influenza B; (through 4/16/16).
- The National Respiratory and Enteric Virus Surveillance System (NREVSS) has reported 31,129 influenza tests performed at participating facilities. 2015-2016 influenza season positive results: (482) H1N1, (13) A/H3N2, (1750) Flu A Not Subtyped, and (543) Flu B (through 4/16/16).
- 1 pediatric influenza-associated mortality has been reported during the 2015-2016 season (through 4/16/16).
- No novel influenza A virus infections have been reported during the 2015-2016 season (through 4/16/16).
- Incidence of confirmed influenza-associated hospitalizations in 2015-2016 season = 3074 (through 4/16/16).

**Regional Surveillance:** During week 14 (April 3 – April 9th, 2015), the proportion of outpatient visits for ILI in Region 5 (Ohio is in Region 5) was 1.7%, which is below the regional baseline of 1.9%. Indiana reported Sporadic Activity; West Virginia reported Local Activity; Michigan reported Regional Activity; Ohio, Pennsylvania, and Kentucky reported Widespread Activity.

**Important Flu Information:** Influenza activity continued its slow fade across the United States last week, but the season left 10 more children's deaths in its wake, along with signs of a late-season surge in influenza B viruses, according to the CDC. [Read More](#)

[Study: Flu vaccine efficacy can wane over single season \(CIRDRAP\)](#)

**National activity levels and more information can be found at the following CDC pages:**

- <http://www.cdc.gov/flu/weekly/usmap.htm>

- <http://www.cdc.gov/flu/>

***State and Regional data provided by the Ohio Department of Health [Ohio Flu Activity](#)***