

# Stark County's Influenza Weekly Report

**Week 43 (10/22/17-10/28/17)**

## During Week 43:

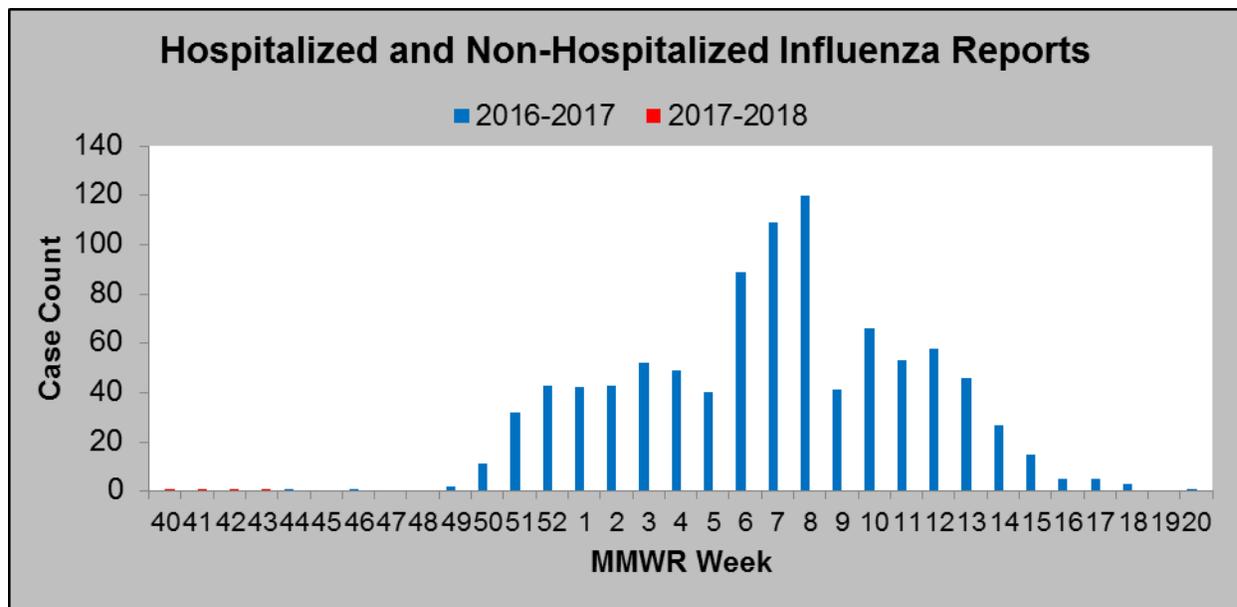
- During week 43 Stark County had zero influenza-associated hospitalizations.
- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100,000 is not available yet this season.
- During week 43, 109 influenza A specimens were collected nationally from public health laboratories, 14 subtyped as the 2009 H1N1 virus and 88 subtyped as the H3 virus.
- There were no influenza-associated pediatric deaths reported during week 43.

## Viruses Circulating vs. Viruses in this Year's Vaccine:

- Nationally, 127 of the influenza A (H3N2) viruses collected prior to October 28, 2017 were antigenically characterized. Of those characterized 97% were components in this year's influenza vaccine.
- There were 56 influenza A (H1N1) viruses collected and 100% matched the influenza A (H1N1) component in this year's vaccine.
- There were 91 specimens characterized nationally as Influenza B. Of these, 59 subtyped from the Yamagata Lineage and 32 subtyped from the Victorian Lineage. Of these specimens 88% matched the Influenza B component of the 2017-2018 vaccine.

## Graph 1: Influenza Cases Reported to the Local Health Department.

- ◆ There were zero cases of hospitalized or non-hospitalized influenza to report for Week 43 in Stark County.

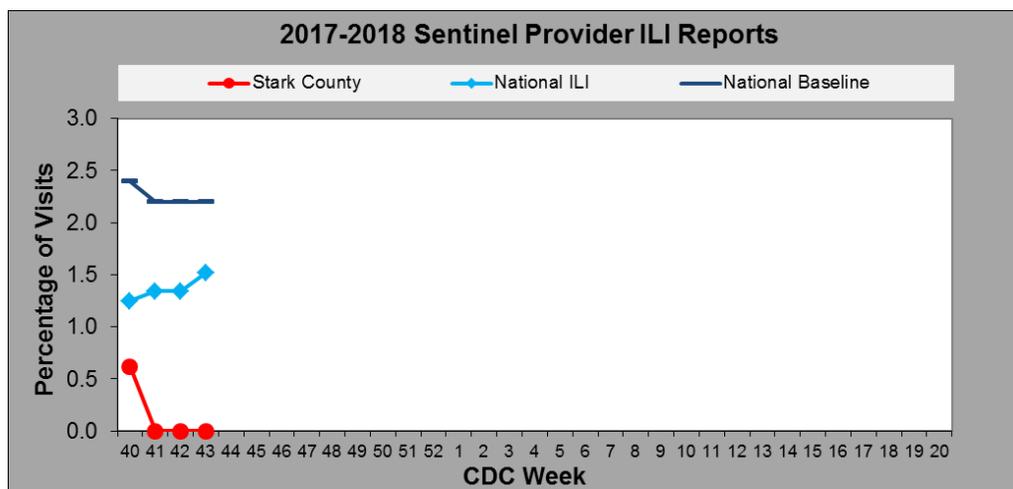


\* All data presented in this weekly report are preliminary and may change as additional information is received.

\* Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.

**Graph 2: Sentinel Provider Reported Influenza Like Illness (ILI) in Stark County.**

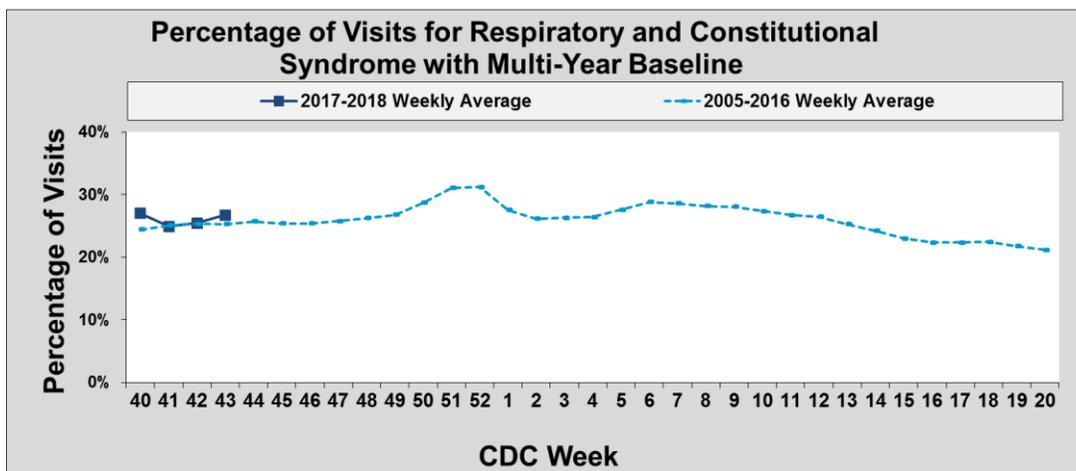
- ◆ During week 43 the Stark County Sentinel Providers reported zero visits for ILI. Nationally 1.5% of visits are for ILI. The national baseline is 2.2% of visits.



**Graph 3: Emergency Department Visits for Respiratory and Constitutional Syndromes.**

(Source: Health Monitoring Systems, EpiCenter, Hospital and Stat Care Patient Registration Surveillance System)

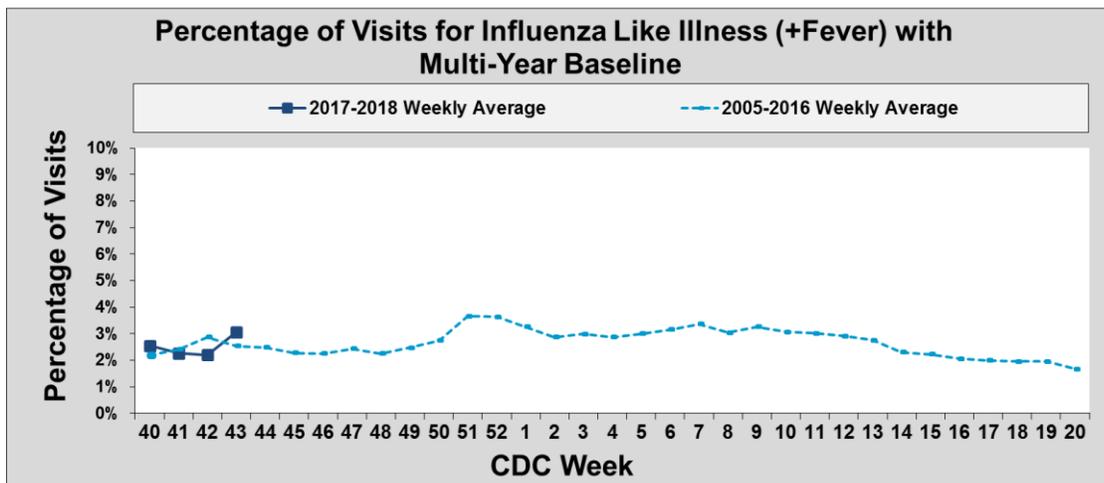
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome were above the 10 year average for Week 43.



**Graph 4: Emergency Department (ED) Visits for Influenza Like Illness (+Fever).**

(Source: Health Monitoring Systems, EpiCenter, Hospital and Stat Care Patient Registration Surveillance System)

- ◆ ED and Stat Care visits for ILI + Fever for MMWR week 43 was above the multi-year average.



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[cityofalliance.com/health](http://cityofalliance.com/health)



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Stark County Health  
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