

# Stark County's Influenza Weekly Report

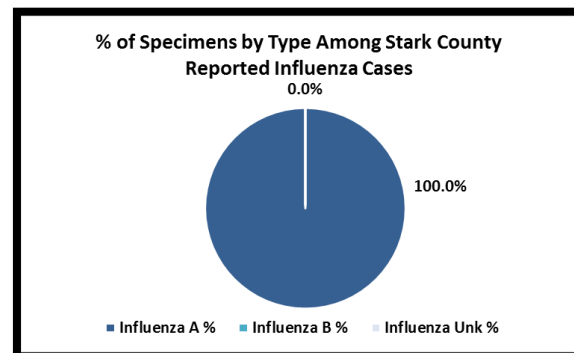
## Week 44 (10/28/18 – 11/03/18)



**Public Health**  
Prevent. Promote. Protect.

### During Week 44:

- Stark County had 0 influenza-associated hospitalizations.
- Nationally, zero influenza-associated pediatric deaths reported.
- During week 44, 42 influenza A specimens were collected nationally from public health laboratories, 32 subtyped as the 2009 H1N1 virus, 4 subtyped as the H3 virus and the remainder were not subtyped.



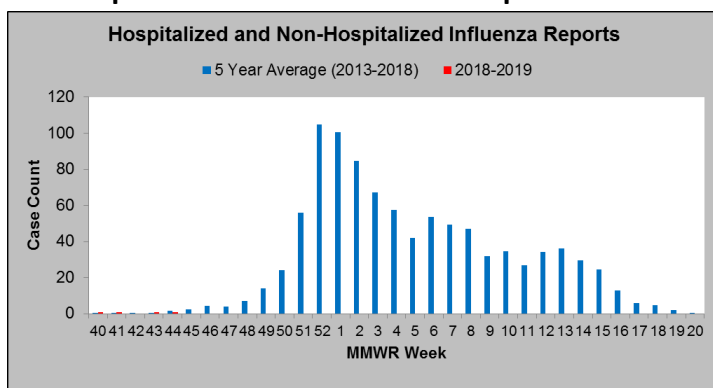
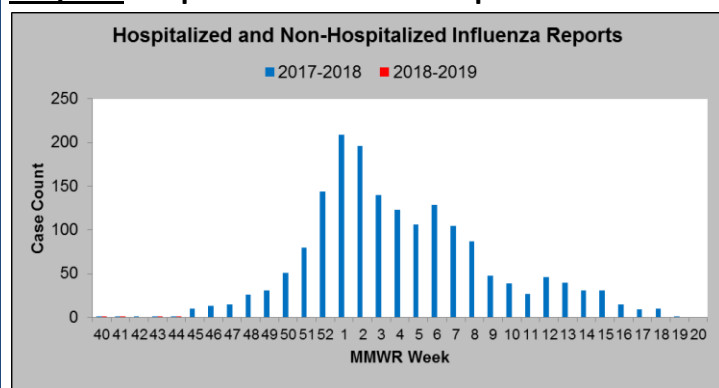
### So Far this Year:

- There have been 2 influenza-associated hospitalizations in Stark County.
  - Median age and age range not yet available until case counts increase.
- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100,000 is not yet available for this season.
- Through week 44, 256 specimens collected nationally from public health laboratories were typed influenza A. This was 82.2% of all specimens collected. Of these, 76.8% subtyped as the 2009 H1N1 virus, 23.2% subtyped as the H3 virus, and subtyping was not performed on the rest of them.
- Nationally, two influenza-associated pediatric deaths were reported so far this year.

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

- Nationally, through week 44, 187 specimens were characterized as Influenza A.
  - There were 109 influenza A (H1N1) viruses collected and 100.0% matched the influenza A (H1N1) component in this year's vaccine. There were 78 influenza A (H3N2) viruses collected and 90.7% matched the influenza A (H3N2) component in this year's vaccine.
- Nationally, through week 44, 55 specimens were characterized as Influenza B.
  - Of these, 44 subtyped from the Yamagata Lineage and 11 subtyped from the Victorian Lineage. Of these specimens, 100% of the Yamagata Lineage matched the Influenza B component of the 2018-2019 vaccine and 90% of the Victorian Lineage matched.

**Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.**

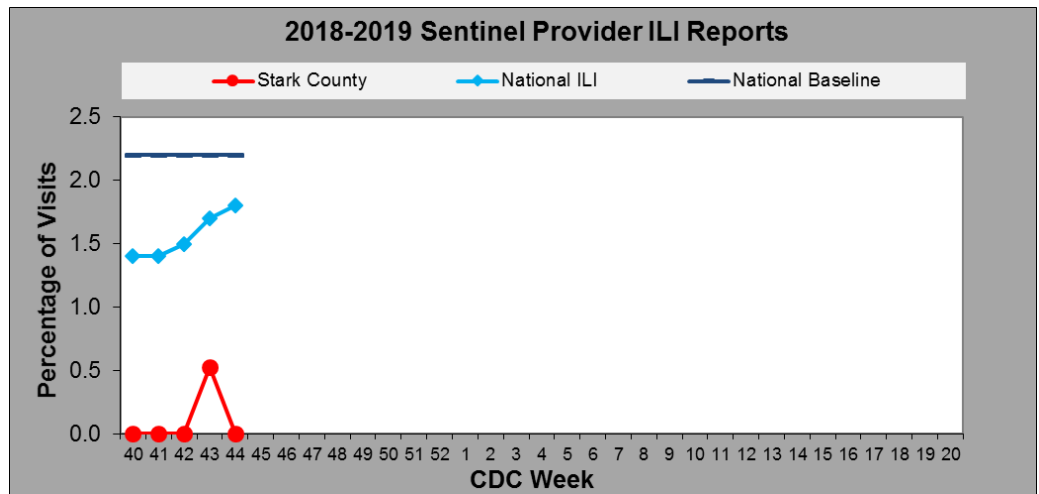


There was 1 case of hospitalized and non-hospitalized influenza reported for Week 44 in Stark County. Last year there was also one cases reported this week. Stark County increased to 5 cases reported so far this year compared to 5 cases reported last year.

- 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.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org or Amanda Archer at 330.489.3327 or aarcher@cantonhealth.org

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

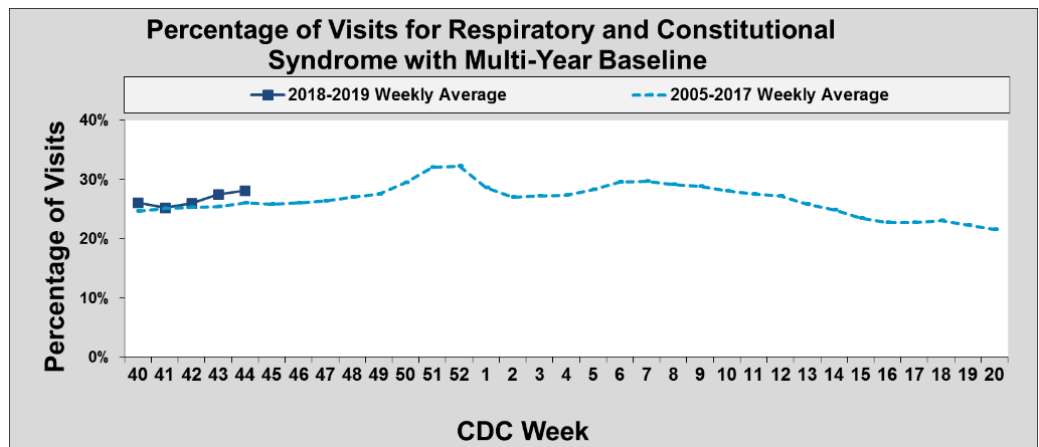
- ◆ During week 44, Stark County Sentinel Providers did not report. The national reports overall increased to 1.8, but remained below the 2.2% baseline.



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

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

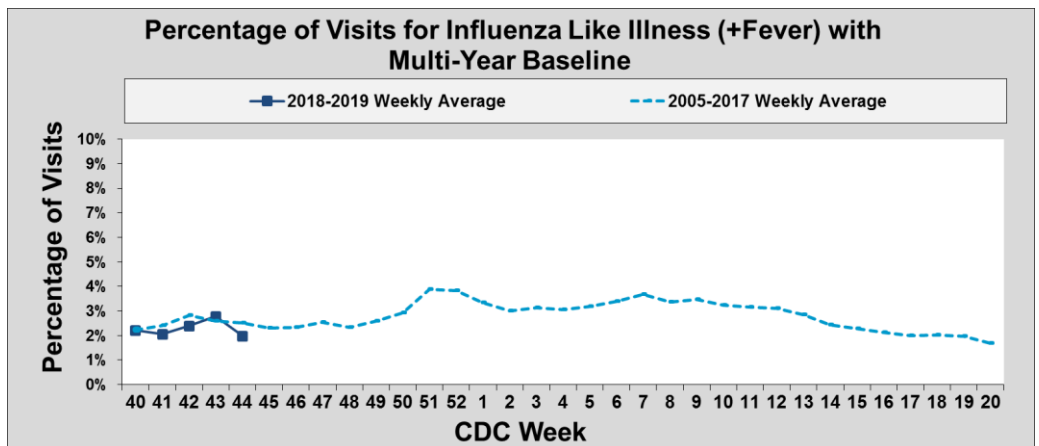
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome increased, and remained above the multi-year baseline average during week 44.



**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 44 decreased from the previous week, and was the lowest of the previous 5 weeks.

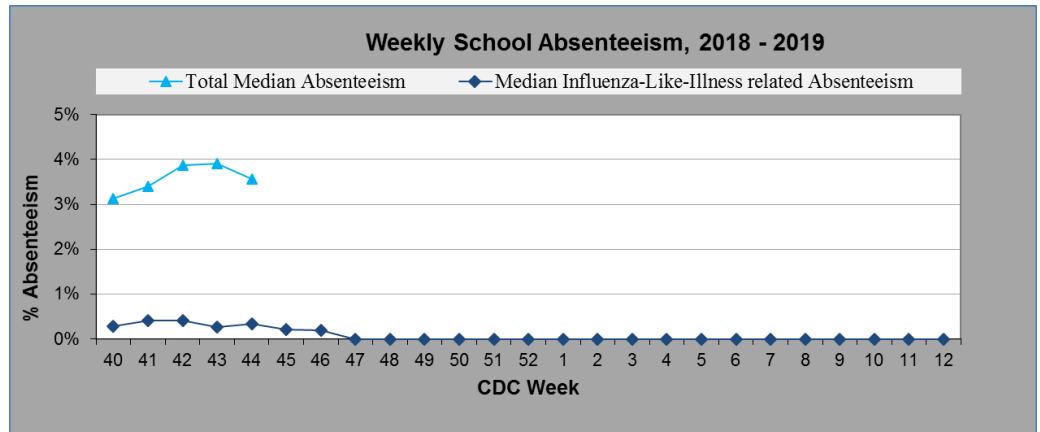


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**Graph 5: Stark County School Absenteeism.**

(Source: Voluntary reporting by multiple school districts throughout the county)

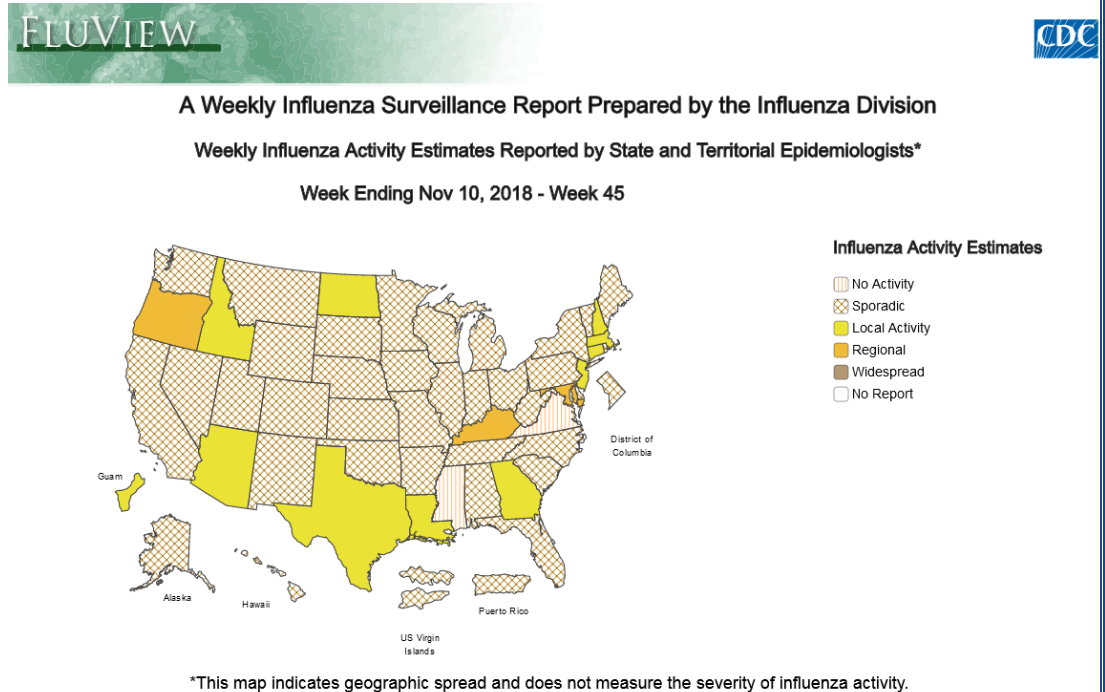
- ◆ During week 44, schools reported less absenteeism than previous weeks, and absenteeism related to influenza-like illness remained the same. Forty eight schools reported.



**Map: Weekly Geographic Influenza Activity Estimates Reported by State and Territorial Epidemiologists Syndromes.**

(Source: Health Monitoring Systems, EpiCenter, hospital and stat care patient registration surveillance system)

- ◆ During week 44, Ohio maintained at sporadic influenza activity, along with 39 other states. No activity – 2 states  
Local activity – 6 states  
Regional activity – 2 states  
Widespread activity – 0 states



Alliance City Health Department  
cityofalliance.com/health



Canton City Public Health  
cantonhealth.org



Massillon City Health Department  
massillonohio.com/health



Stark County Health Department  
starkhealth.org

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