

# Stark County's Influenza Weekly Report

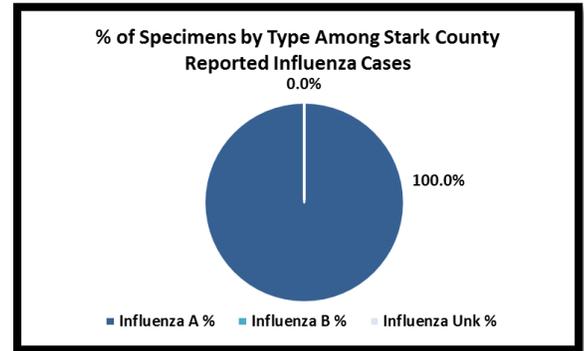
## Week 46 (11/11/18 – 11/17/18)



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

### During Week 46:

- Stark County had 0 influenza-associated hospitalizations.
- Nationally, one influenza-associated pediatric deaths was reported.
- During week 46, 78 influenza A specimens were collected nationally from public health laboratories, 49 subtyped as the 2009 H1N1 virus, 11 subtyped as the H3 virus and the remainder were not subtyped.



### So Far this Year:

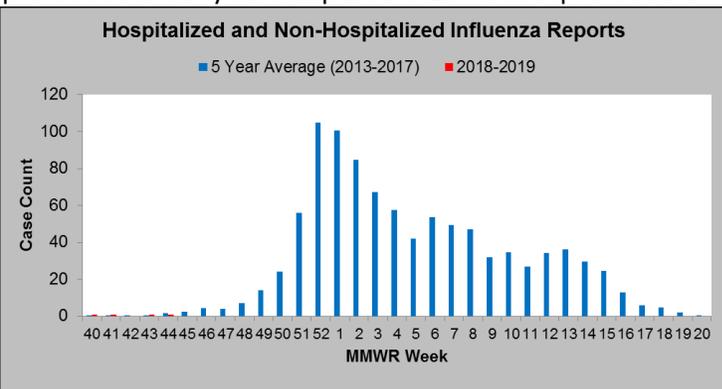
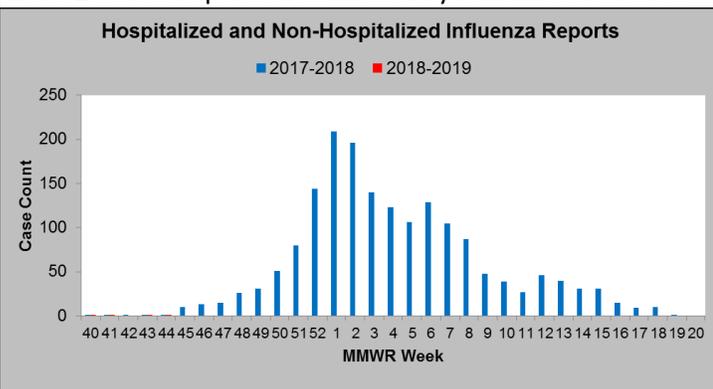
- There have been 2 influenza-associated hospitalizations in Stark County.
  - Median age and age range not yet available until case counts increase.
- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100,000 is not yet available for this season.
- Through week 46, 542 specimens collected nationally from public health laboratories were typed influenza A. This was 86.9% of all specimens collected. Of these, 78.3% subtyped as the 2009 H1N1 virus, 21.7% subtyped as the H3 virus, and subtyping was not performed on the rest of them.
- Nationally, three influenza-associated pediatric deaths were reported so far this year.

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

- Nationally, through week 46, 241 specimens were characterized as Influenza A.
  - There were 143 influenza A (H1N1) viruses collected and 100.0% matched the influenza A (H1N1) component in this year's vaccine. There were 98 influenza A (H3N2) viruses collected and 92.9% matched the influenza A (H3N2) component in this year's vaccine.
- Nationally, through week 46, 64 specimens were characterized as Influenza B.
  - Of these, 51 subtyped from the Yamagata Lineage and 13 subtyped from the Victorian Lineage. Of these specimens, 100% of the Yamagata Lineage matched the Influenza B component of the 2018-2019 vaccine and 81.8% of the Victorian Lineage matched.

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

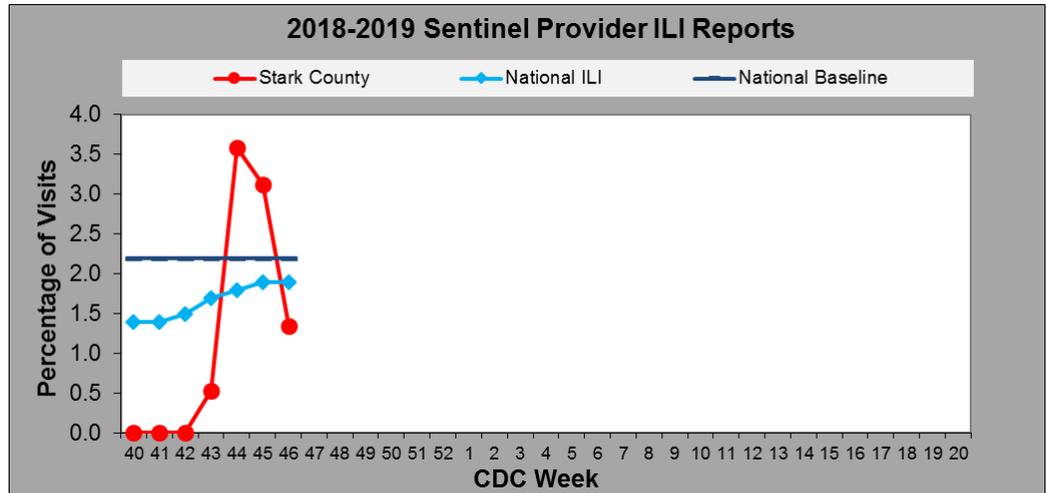
There were 0 cases of hospitalized and non-hospitalized influenza reported for Week 46 in Stark County. Last year there were 13 cases reported. Stark County remained at 4 cases reported so far this year compared to 28 cases reported last.



- 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.**

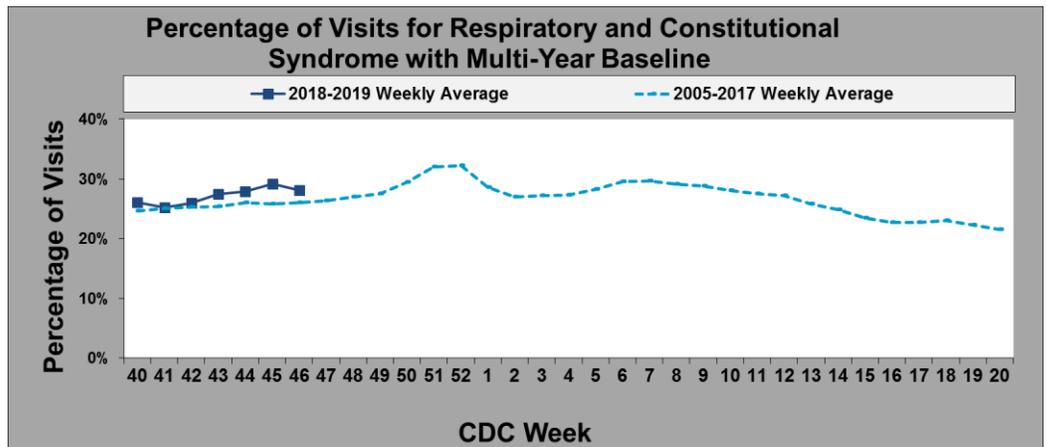
◆ During week 46, Stark County Sentinel Providers reported an ILI visit percent of 1.3% of total visits. The national reports overall maintained at 1.9%, but remained below the 2.2% baseline.



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

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

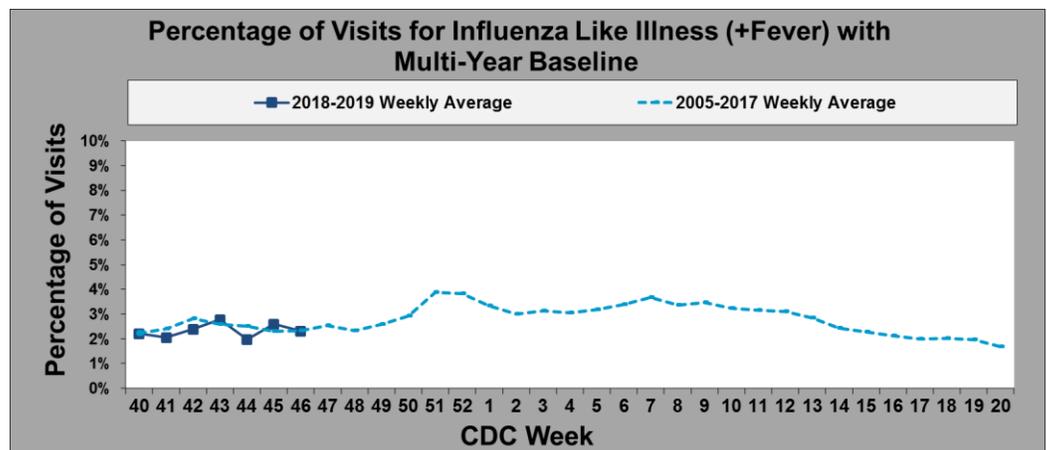
◆ ED and Stat Care visits for respiratory and constitutional syndrome decreased, and remained above the multi-year baseline average during week 46.



**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 46 decreased from the previous week, but maintained in-line with the 5 year weekly average.

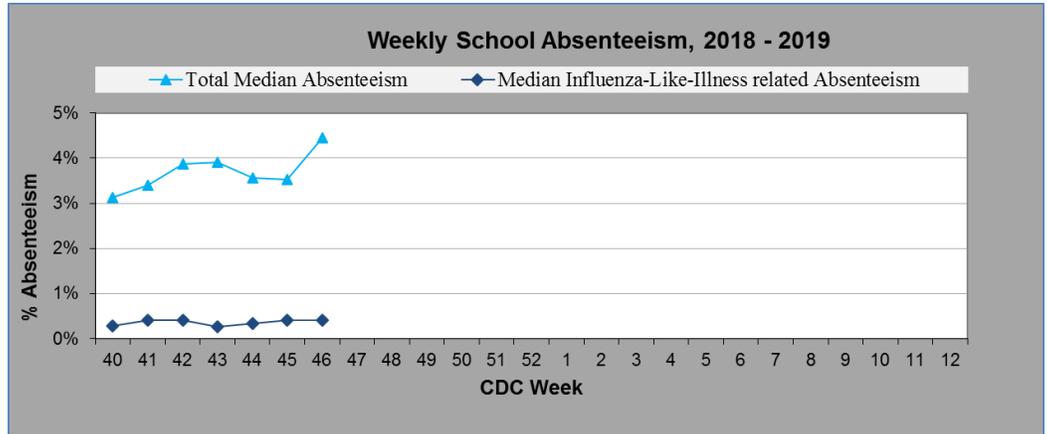


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org or Amanda Archer at 330.489.3327 or aarcher@cantonhealth.org

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

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

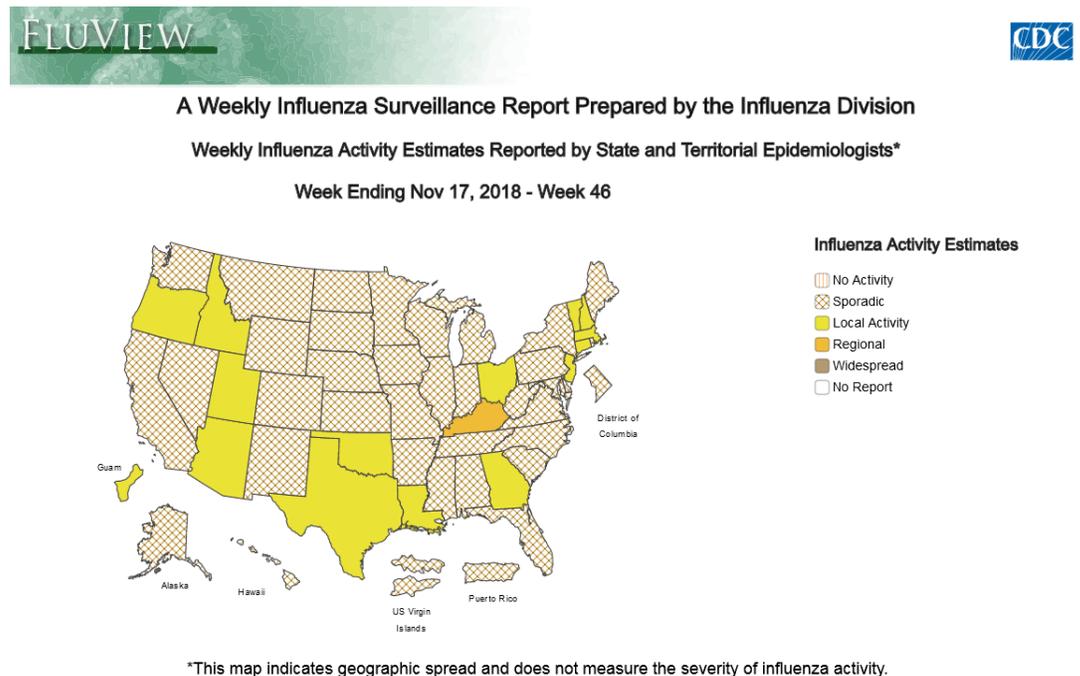
◆ During week 46, schools reported increased absenteeism from the previous weeks, and absenteeism related to influenza-like illness maintained at 0.41%. Forty eight schools reported.



**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 46, Ohio increased to local influenza activity, along with 13 other states. Sporadic activity – 35 states Regional activity – 1 state Widespread activity – 0 states



Alliance City Health Department  
cityofalliance.com/health



Public Health  
Prevent. Promote. Protect.  
Canton City Public Health  
Canton City Public Health  
cantonhealth.org



Massillon City Health Department  
massillonohio.com/health



Stark County Health Department  
starkhealth.org

- 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