

Stark County's Influenza Weekly Report

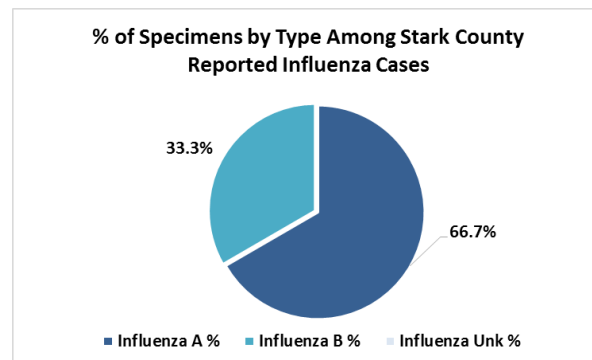
Week 43 (10/20/2019 – 10/26/2019)



Public Health
Prevent. Promote. Protect.

During Week 43:

- Stark County had 1 influenza-associated hospitalization.
- Nationally, zero influenza-associated pediatric deaths were reported.
- During week 43, 67 influenza A specimens were collected nationally from public health laboratories, 21 subtyped as the 2009 H1N1 virus, 42 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 since 9/29/2019.
Two additional cases were reported before Week 40 2019.
 - Age range and median age is not available due to low case count
- The national cumulative rate of influenza-associated hospitalizations per 100,000 has not been determined.
- Up to week 43 318 specimens collected nationally from public health laboratories were typed influenza A. This was 59.1% of all specimens collected. Of these, 33.7% subtyped as the 2009 H1N1 virus, 66.3% 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. *(2 additional influenza-associated deaths were reported during Week 43 for the 2018-2019 influenza season)*

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

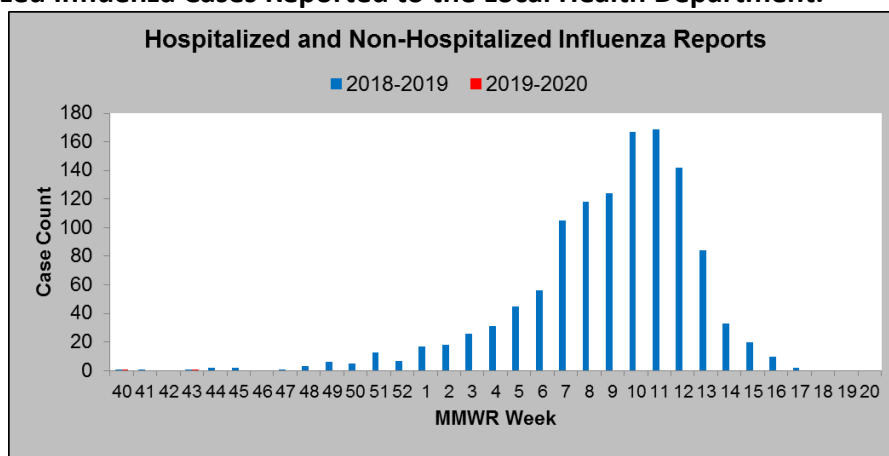
Nationally not enough specimens were genetically or antigenically characterized to provide sufficient virus characterization data.

Coming Soon!

Stark County age adjusted & cumulative rate of influenza-associated hospitalizations per 100,000.

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

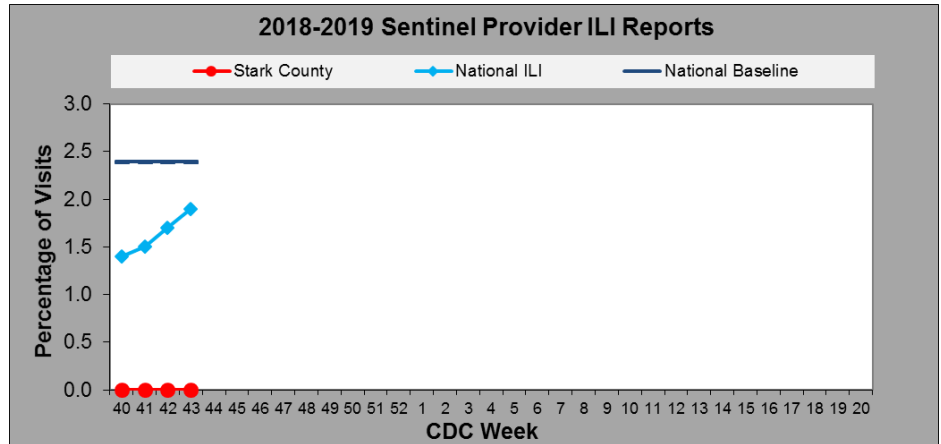
- ◆ There were 2 cases of hospitalized and non-hospitalized influenza reported for Week 43 in Stark County. Last year there was 1 case reported this week. Stark County increased to 3 cases reported so far this year compared to the 3 cases reported so far last year.



- 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.

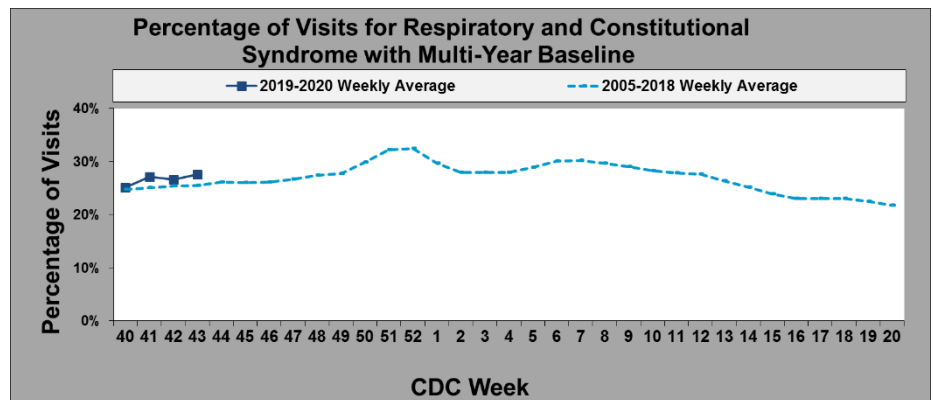
- ◆ During week 43, Stark County Sentinel Providers had no reports of office visits for ILI. The national reports show that 1.9% of ED visits are due to ILI, which are increasing, but remain below the 2.4% baseline.



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

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

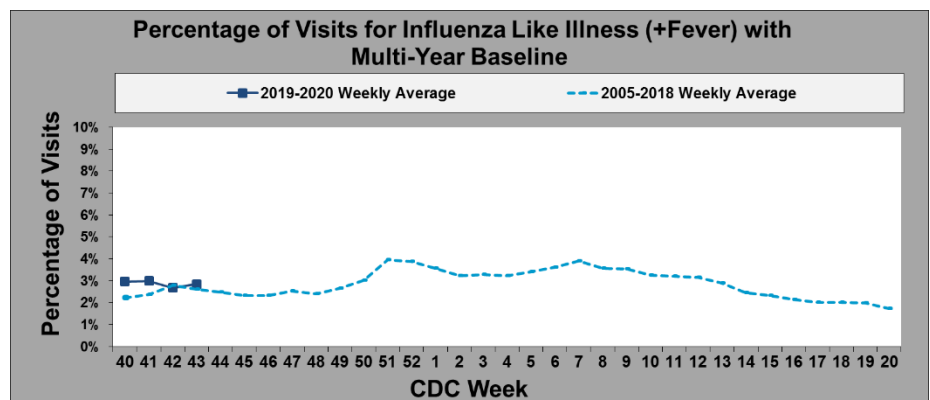
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome increased to 27.59% of ED visits, and remained above the multi-year baseline average during week 43.



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 increased to 2.6% of ED visits, and remained above the multi-year average.

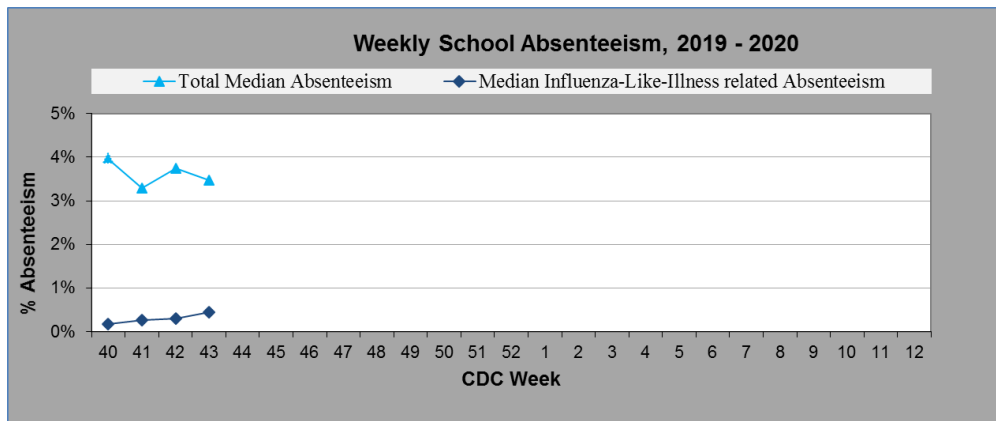


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Graph 5: Stark County School Absenteeism.

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

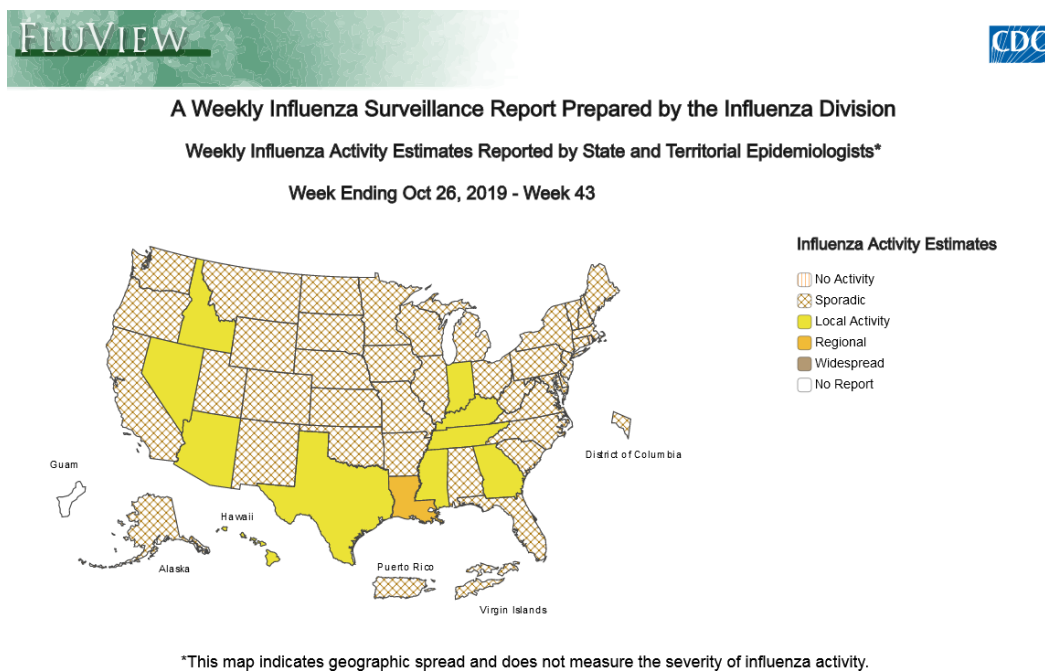
- ◆ During week 43, Stark County schools reported a total median absenteeism of 3.47%. Absenteeism due to influenza-like-illness was reported at 0.45% of all absences. Forty-seven schools reported.



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 43, Ohio reported sporadic influenza activity, along with 37 other states, the District of Columbia, Puerto Rico and the U.S. Virgin Islands.
- No Activity – 1 state
- Local – 10 states
- Regional – 1 state



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