

Stark County's Influenza Weekly Report

Week 45 (11/03/2019 – 11/09/2019)



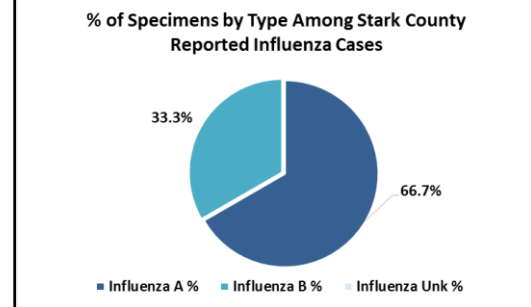
Public Health
Prevent. Promote. Protect.

During Week 45:

- Stark County had 0 influenza-associated hospitalization.
- Nationally, one influenza-associated pediatric deaths was reported.
- During week 45, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 45	% Week 45
Influenza A	73	41%
(H1N1)pdm09	40	61.5%
H3N2	25	38.5%
The remainder were not subtyped		
Influenza B	105	59%
Yamagata	5	7.0%
Victoria	66	93.0%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type



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.
- Nationally, three influenza-associated pediatric deaths were reported so far this year
- Up to week 45, the following specimens were collected nationally from public health laboratories:

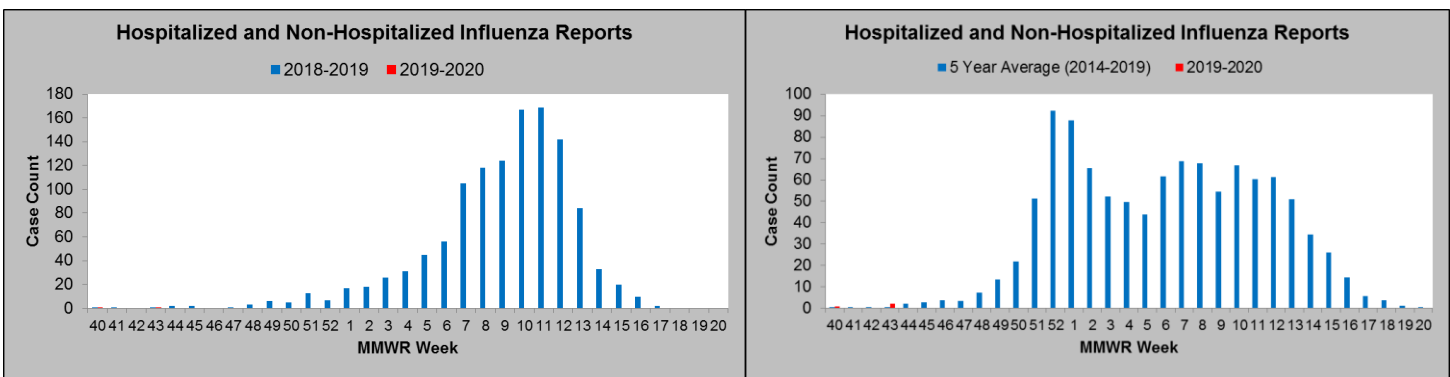
Type/Subtype	YTD	% YTD
Influenza A	627	52.9%
(H1N1)pdm09	223	39.3%
H3N2	344	60.7%
The remainder were not subtyped		
Influenza B	558	47.1%
Yamagata	17	4.0%
Victoria	408	96.0%
The remainder were not subtyped		

Stark County Age Adjusted & Cumulative Rate of Influenza-Associated Hospitalizations per 100,000.

Coming Soon!

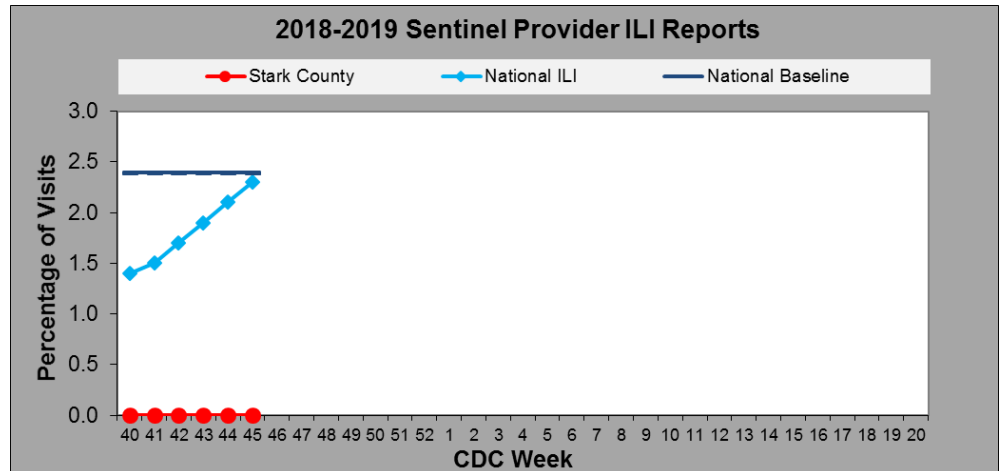
Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.

- ◆ There were 0 cases of hospitalized and non-hospitalized influenza reported for Week 45 in Stark County. Last year there were 0 cases reported this week. Stark County remained at 5 cases reported so far this year compared to 7 cases reported last year.



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

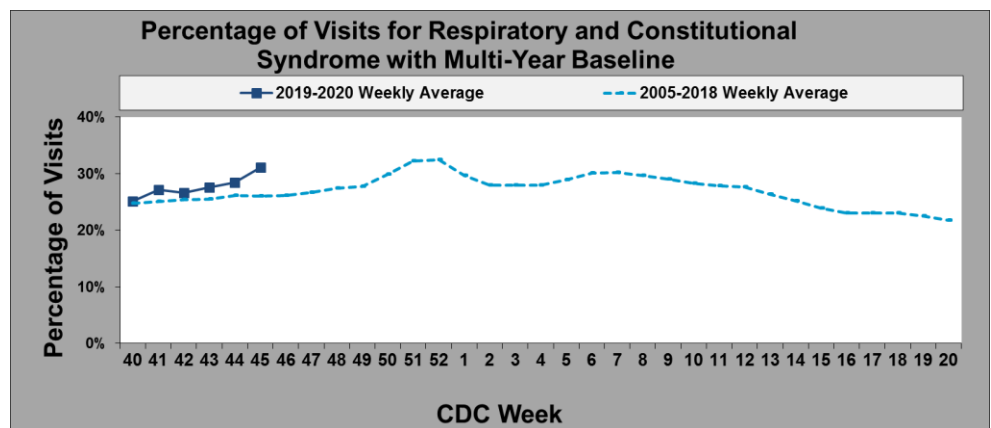
- ◆ During week 45, Stark County Sentinel Providers had no reports of office visits for ILI. The national reports show that 2.3% of ED visits are due to ILI, which are increasing, but remain below the 2.4% baseline. Four out of 10 region (nationally) were at or above their baselines.



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

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

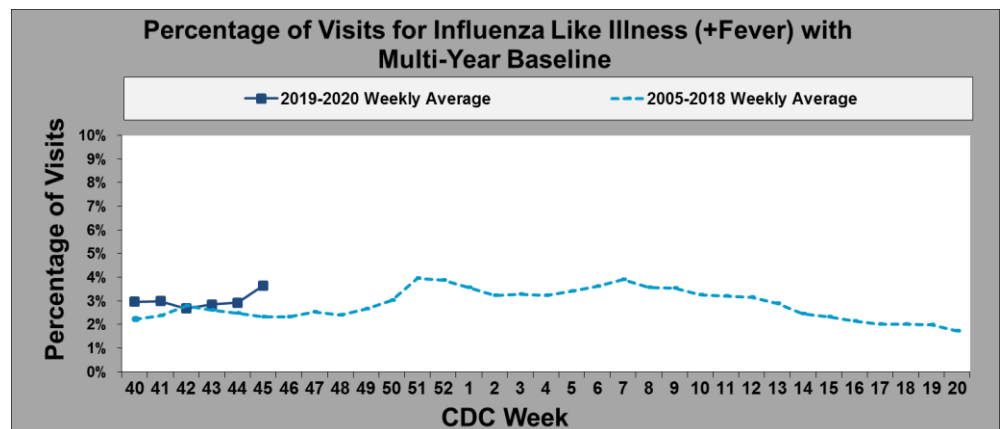
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome increased to 31.16% of ED visits, and remained above the multi-year baseline average during week 45.



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 45 increased to 3.64% of ED visits, and remained above the multi-year average.

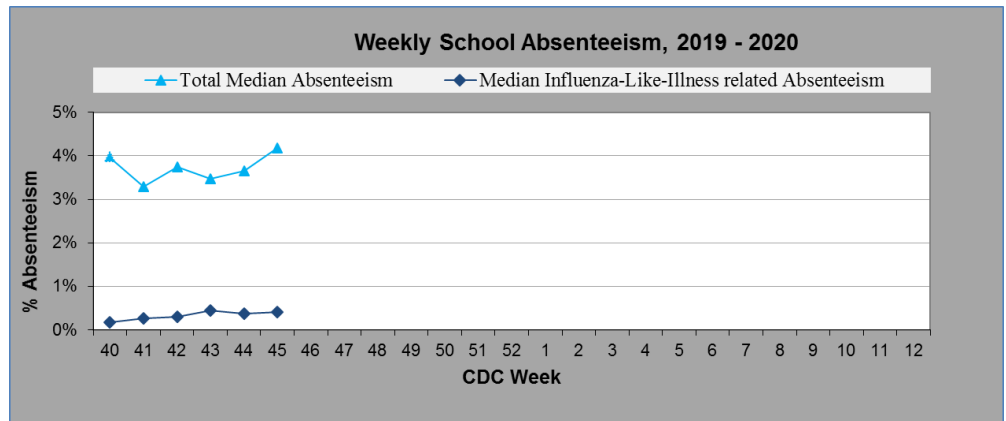


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org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

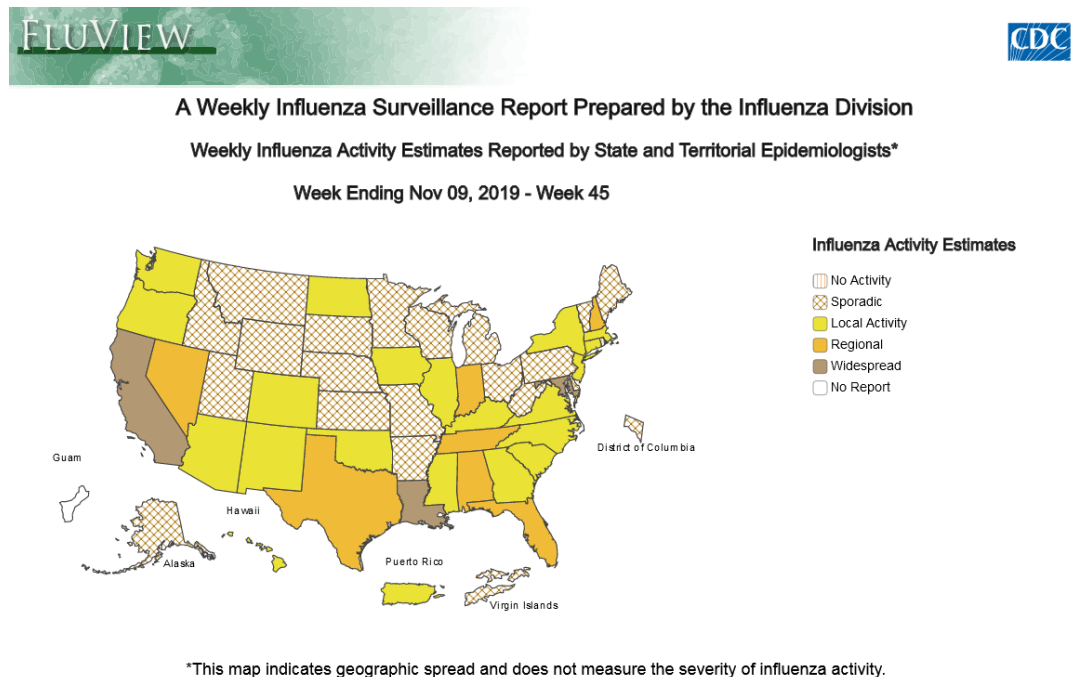
During week 45, Stark County schools reported a total median absenteeism of 4.18%. Absenteeism due to influenza-like-illness was reported at 0.42% of all absences. Forty-three schools reported.



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 45, Ohio reported sporadic influenza activity, along with 18 other states, the District of Columbia and the U.S. Virgin Islands. No Activity – 1 state Local – 20 states Regional – 7 states Widespread – 3 states



- 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