

Stark County's Influenza Weekly Report

Week 47 (11/17/2019 – 11/23/2019)



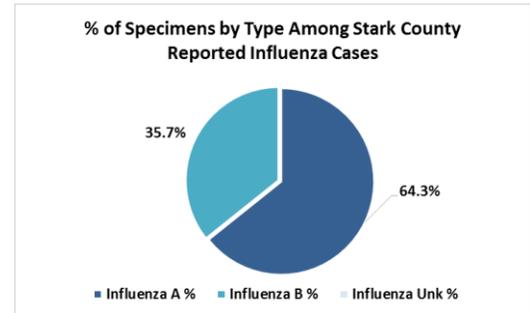
Public Health
Prevent. Promote. Protect.

During Week 47:

- Stark County had 0 influenza-associated hospitalizations.
- Nationally, 1 influenza-associated pediatric death was reported.
- During Week 47, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 47	% Week 47
Influenza A	163	39.6%
(H1N1)pdm09	110	75.9%
H3N2	35	24.1%
The remainder were not subtyped		
Influenza B	249	60.4%
Yamagata	2	1.2%
Victoria	167	98.8%
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 was 2.0 per 100,000.
- Nationally, five influenza-associated pediatric deaths were reported so far this year
- Up to Week 47, the following specimens were collected nationally from public health laboratories:

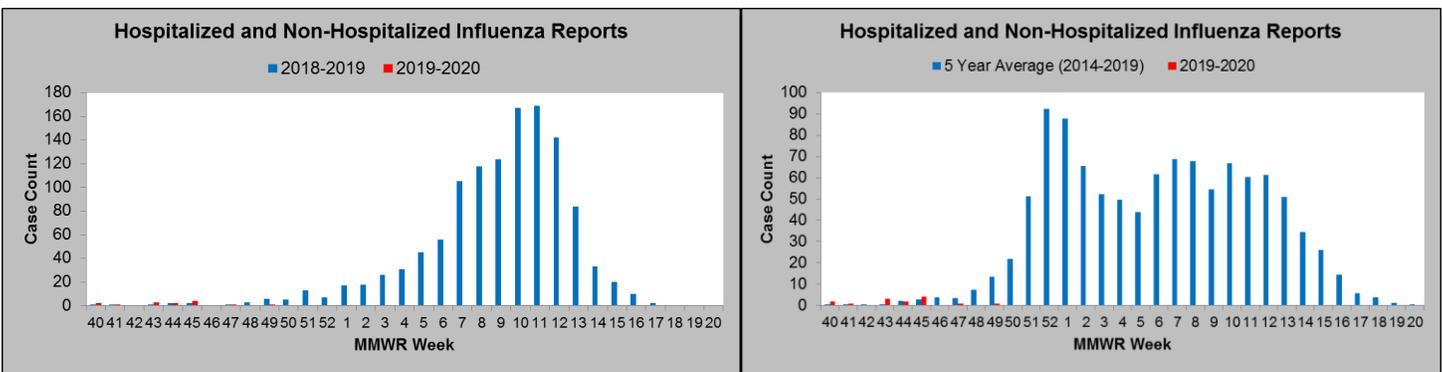
Type/Subtype	YTD	% YTD
Influenza A	1084	44.1%
(H1N1)pdm09	526	52.7%
H3N2	472	47.3%
The remainder were not subtyped		
Influenza B	1376	55.9%
Yamagata	35	3.3%
Victoria	1028	96.7%
The remainder were not subtyped		

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

Coming Soon!

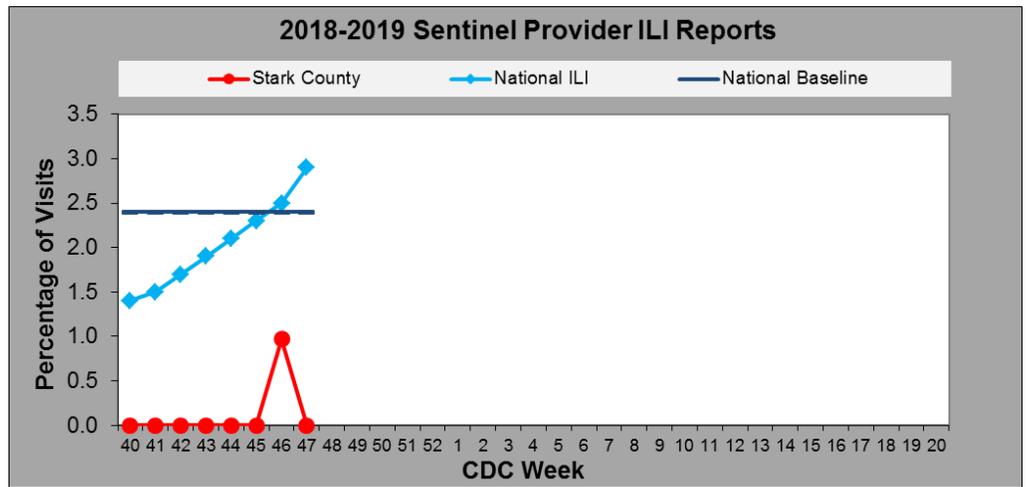
Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.

- ◆ There was 1 case of hospitalized or non-hospitalized influenza reported for Week 47 in Stark County. Last year at the same time there was 1 case reported. Stark County increased to 6 cases reported so far this year compared to 8 at this time last year.



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

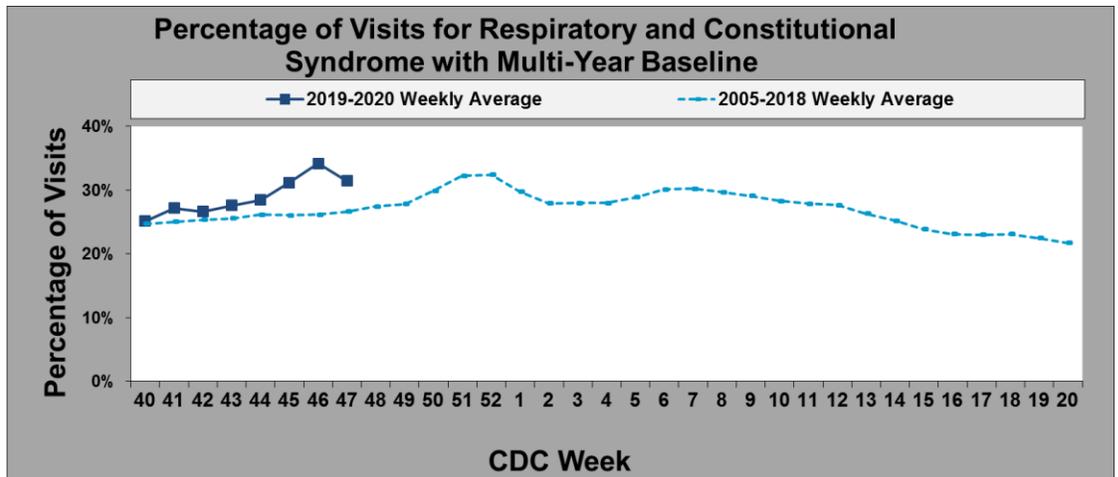
- ◆ During Week 47, Stark County Sentinel Providers did not report any visits for ILI. The national reports show that 2.9% of ED visits are due to ILI, above the 2.4% baseline.



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

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

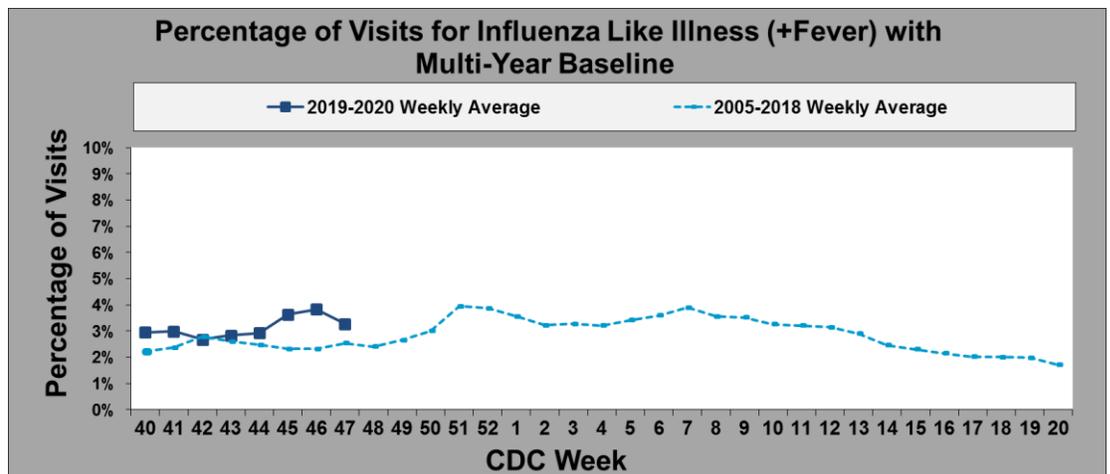
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome decreased to 31.47% of ED visits, and remained above the multi-year baseline average during Week 47.



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 47 decreased to 3.27% of ED visits, but remained above the multi-year average.

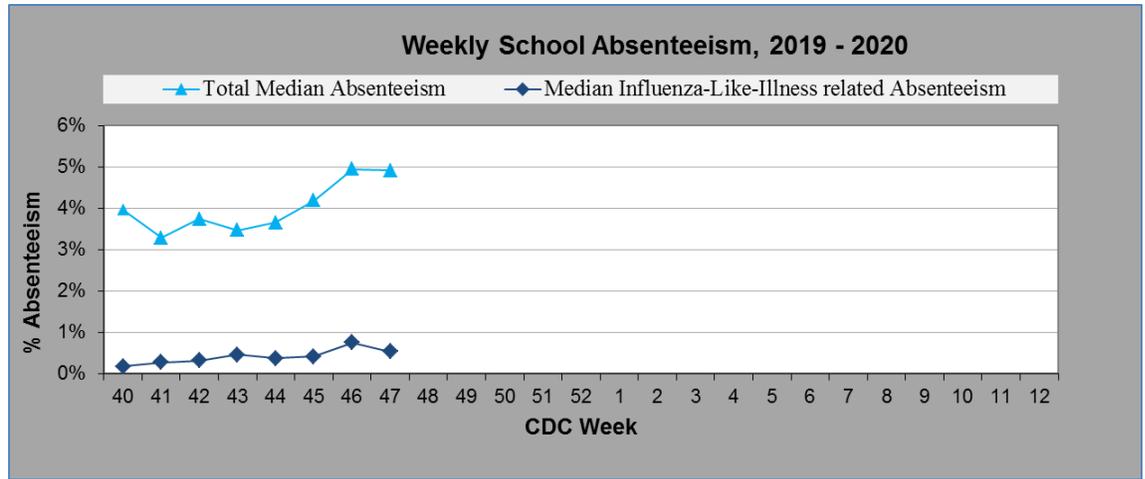


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org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

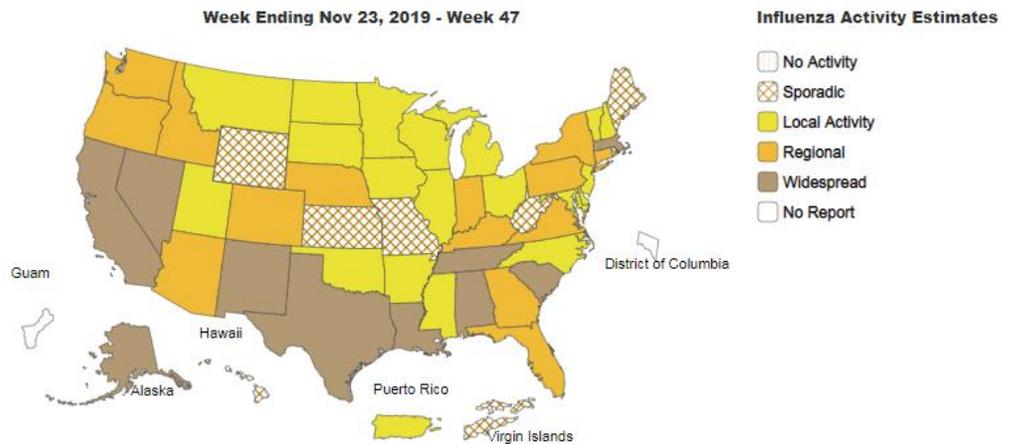
- ◆ During Week 47, Stark County schools reported a total median absenteeism of 4.91%. Absenteeism due to influenza-like-illness was reported at 0.54% of all absences. 48 schools reported.



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 47, Ohio reported local influenza activity, along with 17 other states, and Puerto Rico
- No Activity – Guam
- Sporadic – 6 states, USVI
- Regional – 14 states
- Widespread – 10 states



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