

Stark County's Influenza Weekly Report

Week 50 (12/8/2019 – 12/14/2019)



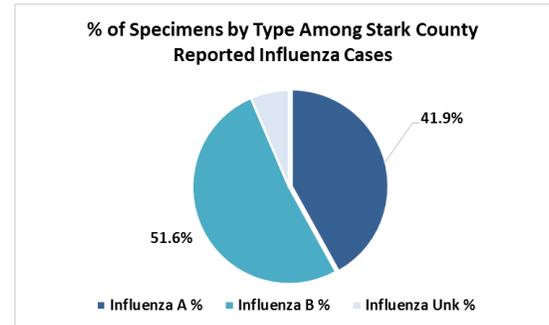
Public Health
Prevent. Promote. Protect.

During Week 50:

- Stark County had 6 influenza-associated hospitalizations.
- Nationally, 9 influenza-associated pediatric deaths were reported.
- During Week 50, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 50	% Week 50
Influenza A	282	38.5%
(H1N1)pdm09	231	87.2%
H3N2	34	12.8%
The remainder were not subtyped		
Influenza B	451	61.5%
Yamagata	7	2.2%
Victoria	310	97.8%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type



So Far this Year:

- There have been 9 influenza-associated hospitalizations in Stark County since 9/29/2019.
 - Age range and median age is not available due to low case count
- The national cumulative rate of influenza-associated hospitalizations was 5.5 per 100,000.
- Nationally, 19 influenza-associated pediatric deaths were reported so far this year
- Up to Week 50, the following specimens were collected nationally from public health laboratories:

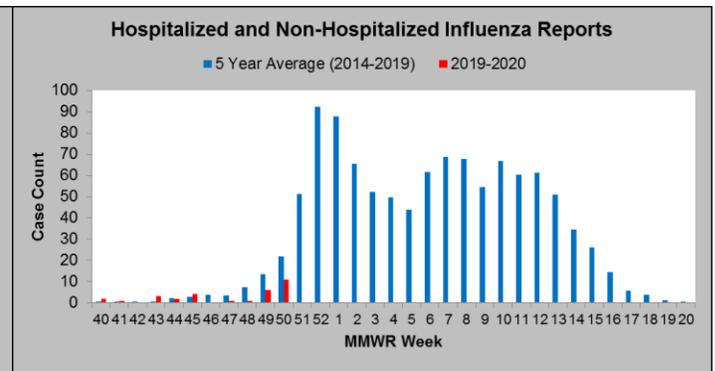
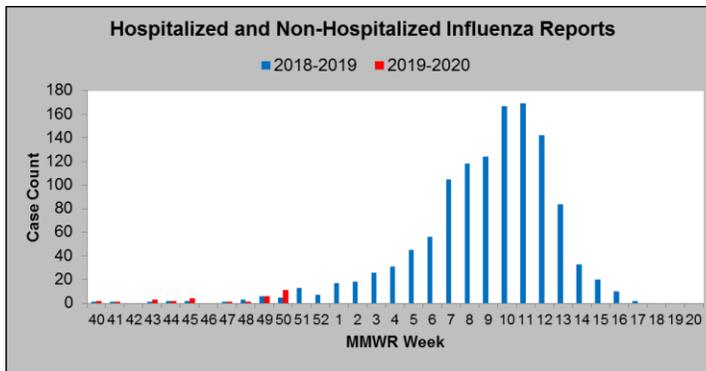
Type/Subtype	YTD	% YTD
Influenza A	2487	41.1%
(H1N1)pdm09	1617	69.3%
H3N2	718	30.7%
The remainder were not subtyped		
Influenza B	3558	58.9%
Yamagata	72	2.2%
Victoria	2562	97.8%
The remainder were not subtyped		

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



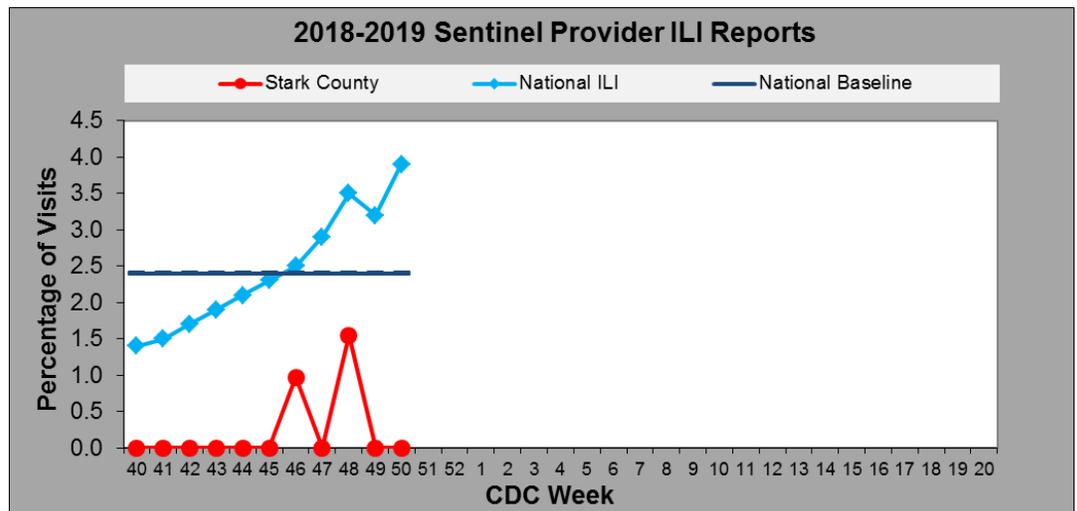
Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.

- ◆ There were 11 cases of hospitalized or non-hospitalized influenza reported for Week 50 in Stark County. Last year at the same time there were 5 cases reported. Stark County increased to 31 cases reported so far this year compared to 22 at this time last year.



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

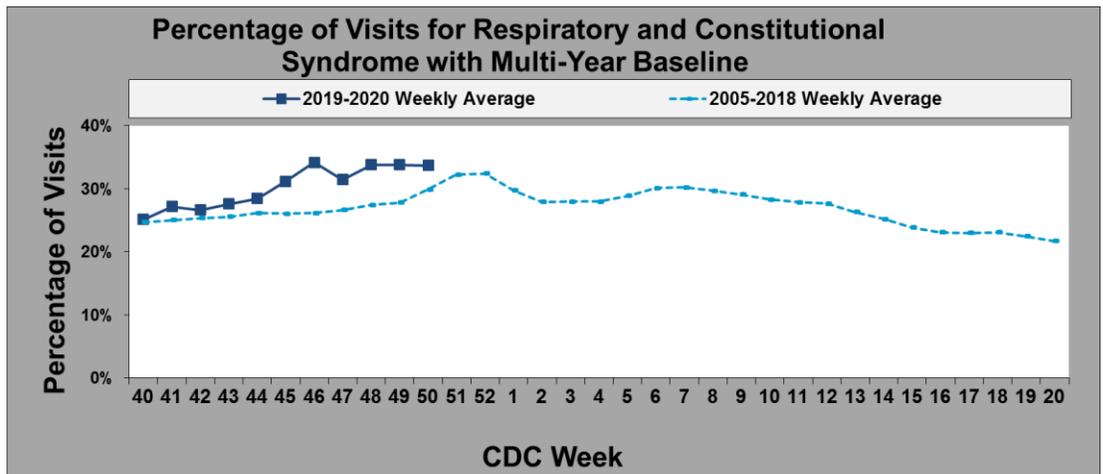
- ◆ During Week 50, Stark County Sentinel Providers did not report any visits for ILI. The national reports show that 3.9% of ED visits are due to ILI, above the 2.4% baseline.



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

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

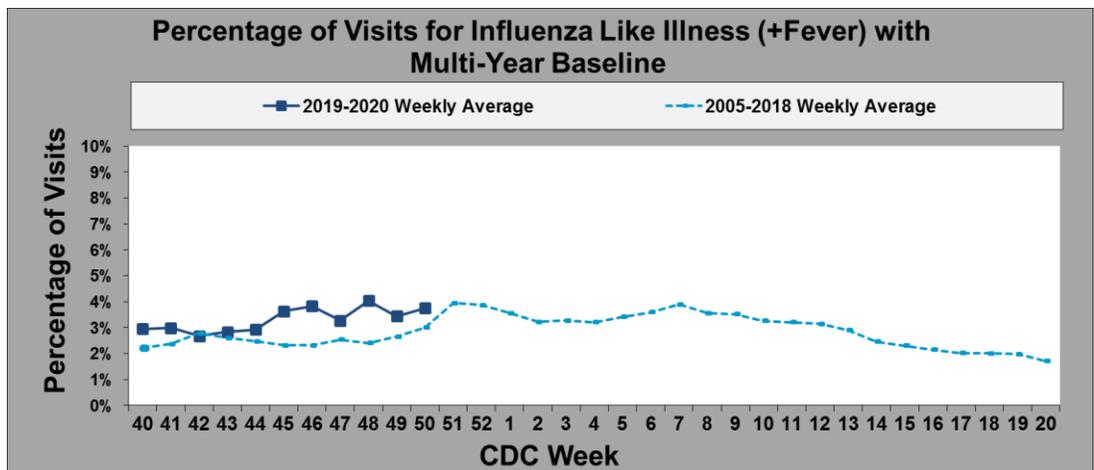
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome decreased to 33.71% of ED visits, and remained above the multi-year baseline average during Week 50.



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 50 increased to 3.76% of ED visits, and remained above the multi-year average.

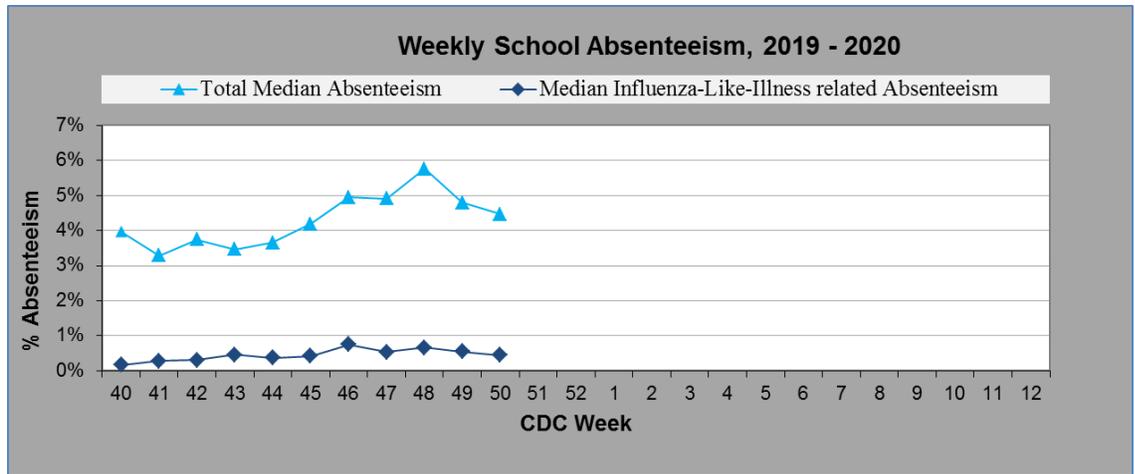


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org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

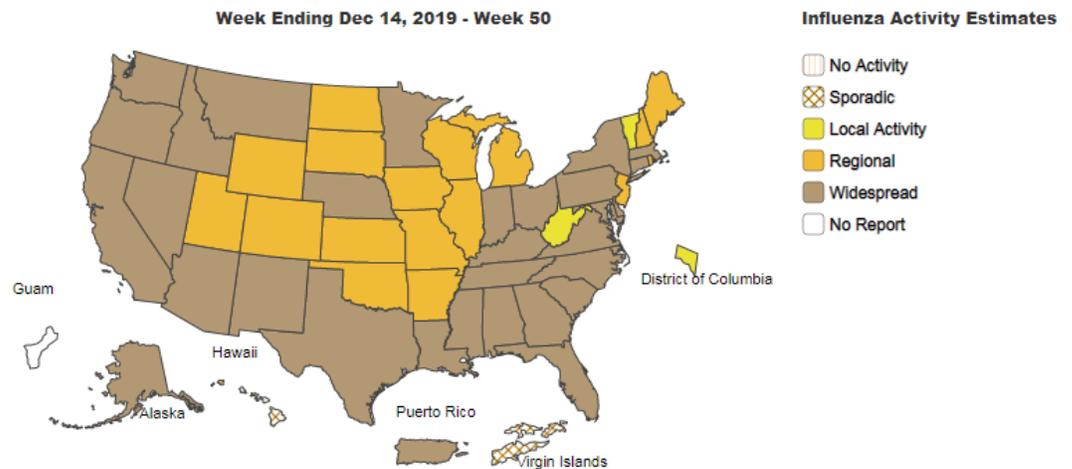
- ◆ During Week 50, Stark County schools reported a total median absenteeism of 4.46%. Absenteeism due to influenza-like-illness was reported at 0.44% of all absences. 48 schools reported.



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 50, Ohio reported widespread influenza activity, along with 30 other states, and Puerto Rico
- No Activity – Guam
- Sporadic – 1 state, USVI
- Local- 2 states, DC
- Regional – 16 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