

Stark County's Influenza Weekly Report

Week 48 (11/24/2019 – 11/30/2019)



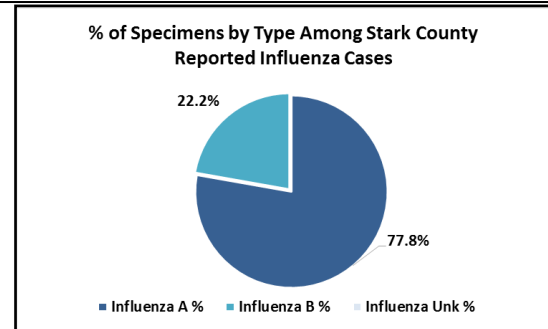
Public Health
Prevent. Promote. Protect.

During Week 48:

- Stark County had 0 influenza-associated hospitalization.
- Nationally, one influenza-associated pediatric deaths was reported.
- During week 48, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 48	% Week 48
Influenza A	147	37.8%
(H1N1)pdm09	103	79.2%
H3N2	27	20.8%
The remainder were not subtyped		
Influenza B	242	62.2%
Yamagata	5	2.9%
Victoria	166	97.1%
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
- A cumulative rate of 2.7 laboratory-confirmed influenza-associated hospitalizations per 100,000 population was reported.
- Nationally, six influenza-associated pediatric deaths were reported so far this year
- Up to week 48, the following specimens were collected nationally from public health laboratories:

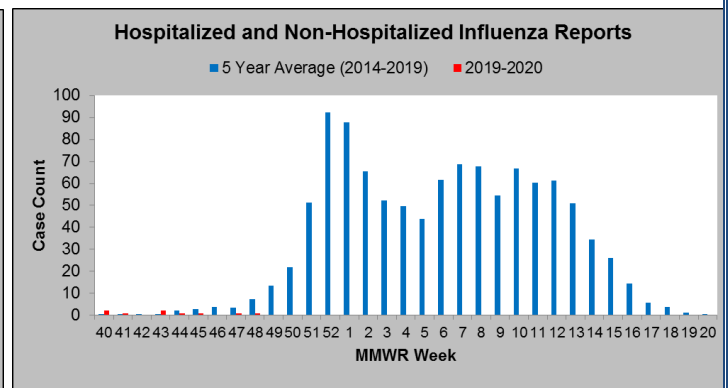
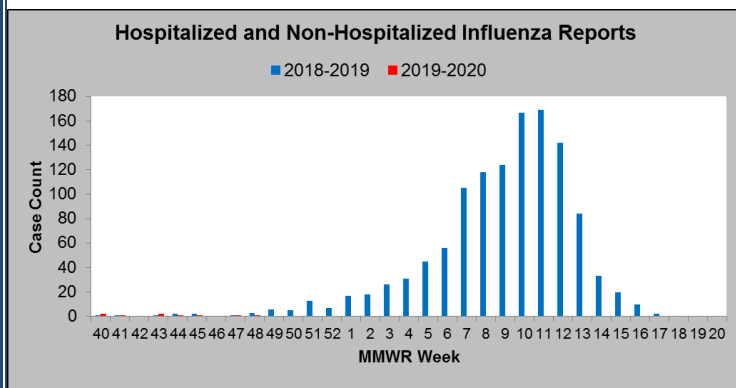
Type/Subtype	YTD	% YTD
Influenza A	1380	42.4%
(H1N1)pdm09	731	57.6%
H3N2	538	42.4%
The remainder were not subtyped		
Influenza B	1871	57.6%
Yamagata	44	3.1%
Victoria	1371	96.9%
The remainder were not subtyped		

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.

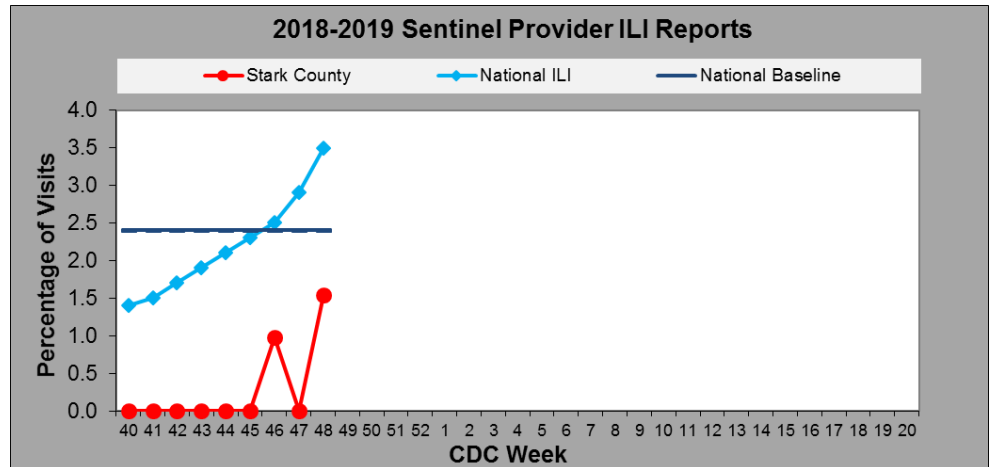
- ◆ There was 1 case of hospitalized and non-hospitalized influenza reported for Week 48 in Stark County. Last year there were 3 cases reported this week. Stark County remained at 12 cases reported so far this year compared to 11 cases reported last year.



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

(Source: U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet))

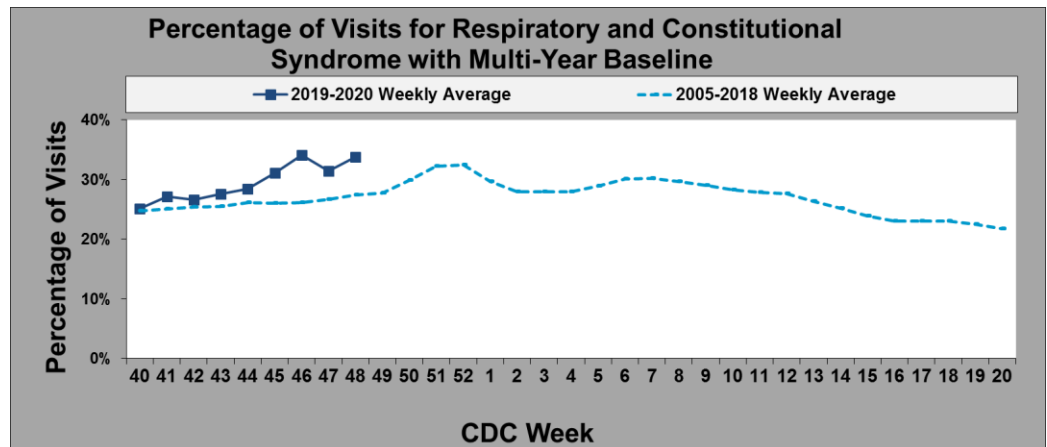
- ◆ During week 48, Stark County Sentinel Providers reported that 1.5% of their total visits were due to ILI. The national reports show that 3.5% of patient visits are due to ILI, which are increasing, above the 2.4% baseline. Four out of 10 region (nationally) were at or above their baselines.



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

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

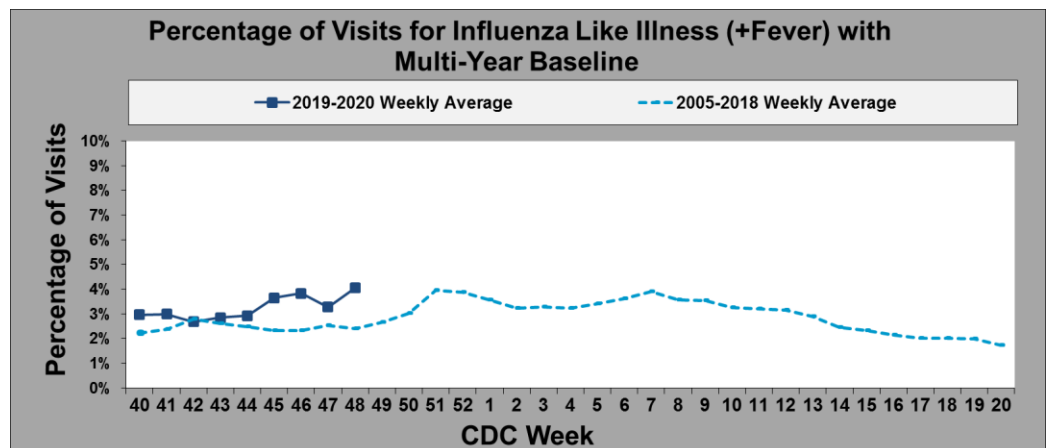
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome increased to 33.80% of ED visits, and remained above the multi-year baseline average during week 48.



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 48 increased to 4.04% of ED visits, and remained above the multi-year average.

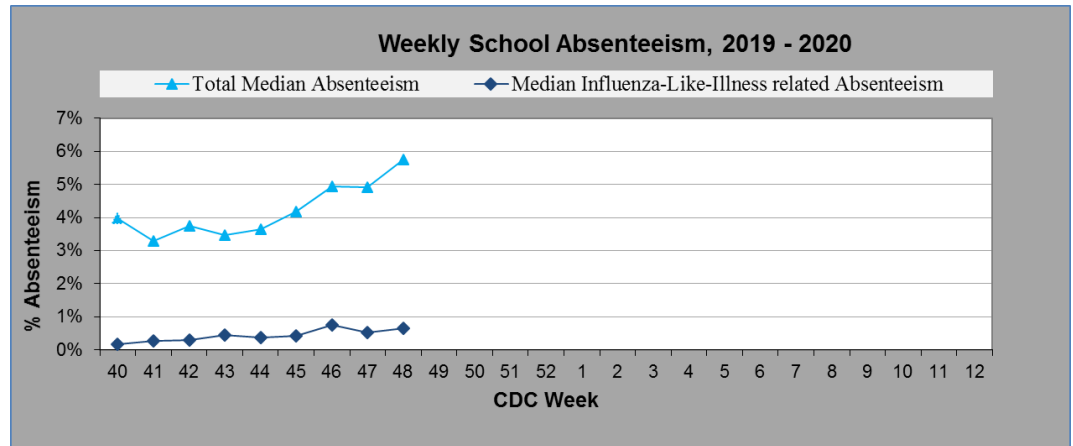


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org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

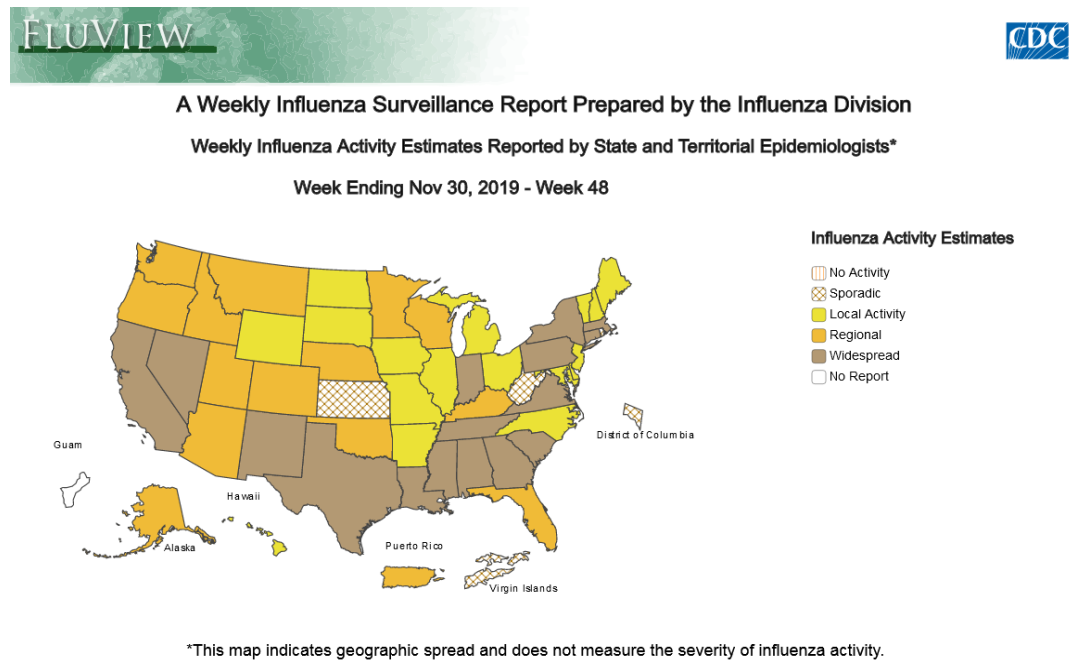
- ◆ During week 48, Stark County schools reported a total median absenteeism of 5.76%. Absenteeism due to influenza-like-illness was reported at 0.66% of all absences. Forty-nine schools reported.



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 48, Ohio reported regional influenza activity, along with 13 other states
- Sporadic activity – 3 states
- Local activity – 17 states
- Widespread – 16 states



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