

Stark County's Influenza Weekly Report

Week 49 (12/01/2019 – 12/7/2019)

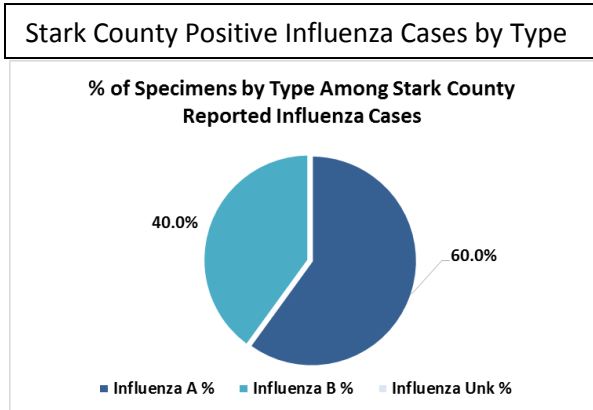


Public Health
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During Week 49:

- Stark County had 1 influenza-associated hospitalization.
- Nationally, four influenza-associated pediatric deaths was reported.
- During week 49, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 49	% Week 49
Influenza A	283	44.8%
(H1N1)pdm09	221	83.7%
H3N2	43	16.3%
The remainder were not subtyped		
Influenza B	348	55.2%
Yamagata	6	2.5%
Victoria	232	97.5%
The remainder were not subtyped		



So Far this Year:

- There have been 3 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 3.9 laboratory-confirmed influenza-associated hospitalizations per 100,000 population was reported.
- Nationally, 10 influenza-associated pediatric deaths were reported so far this year
- Up to week 49, the following specimens were collected nationally from public health laboratories:

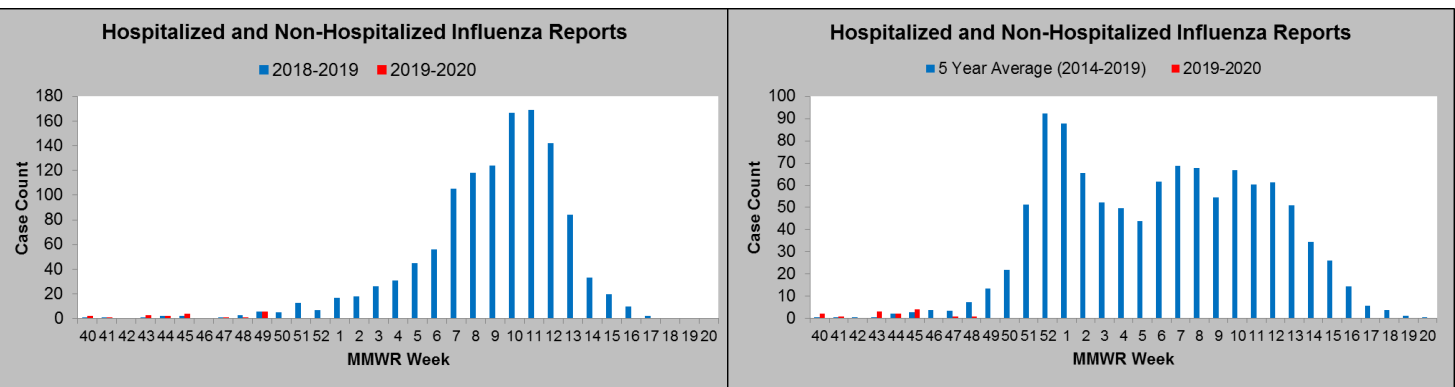
Type/Subtype	YTD	% YTD
Influenza A	1932	42.4
(H1N1)pdm09	1171	64.7%
H3N2	640	35.3%
The remainder were not subtyped		
Influenza B	2624	57.6%
Yamagata	59	3.0%
Victoria	1904	97.0%
The remainder were not subtyped		

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.

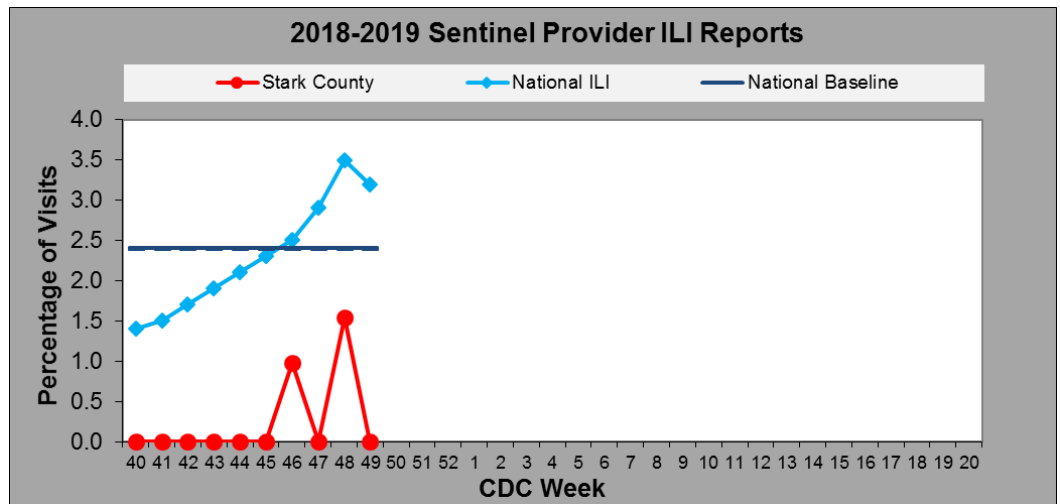
- ◆ There were 6 cases of hospitalized and non-hospitalized influenza reported for Week 49 in Stark County. Last year there were also 6 cases reported this week. Stark County increased to 23 cases reported so far this year compared to 17 cases reported last year.



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

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

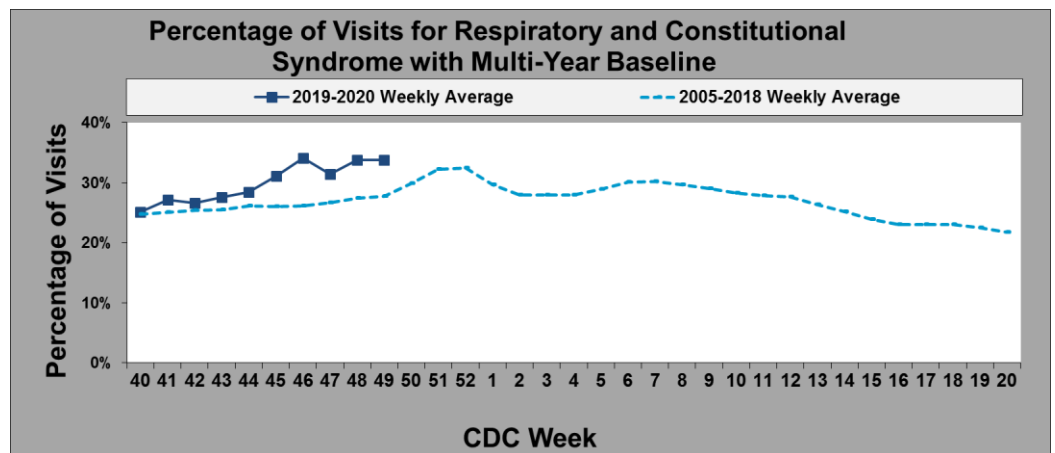
- ◆ During week 49, Stark County Sentinel Providers reported that 0% of their total visits were due to ILI. The national reports show that 3.2% of patient visits are due to ILI, which was a decrease from the previous week, but remained above the 2.4% baseline.



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

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

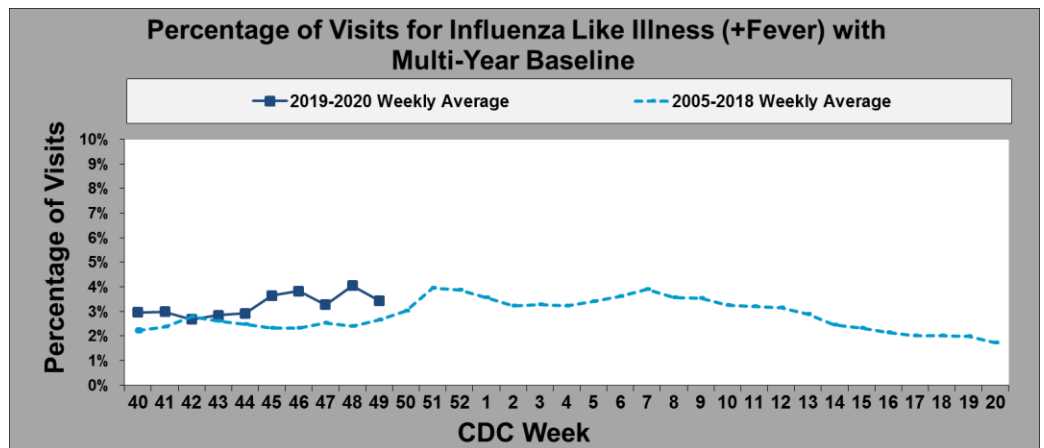
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome increased to 33.82% of ED visits, and remained above the multi-year baseline average during week 49.



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 49 decreased to 3.44% of ED visits, and remained above the multi-year average.

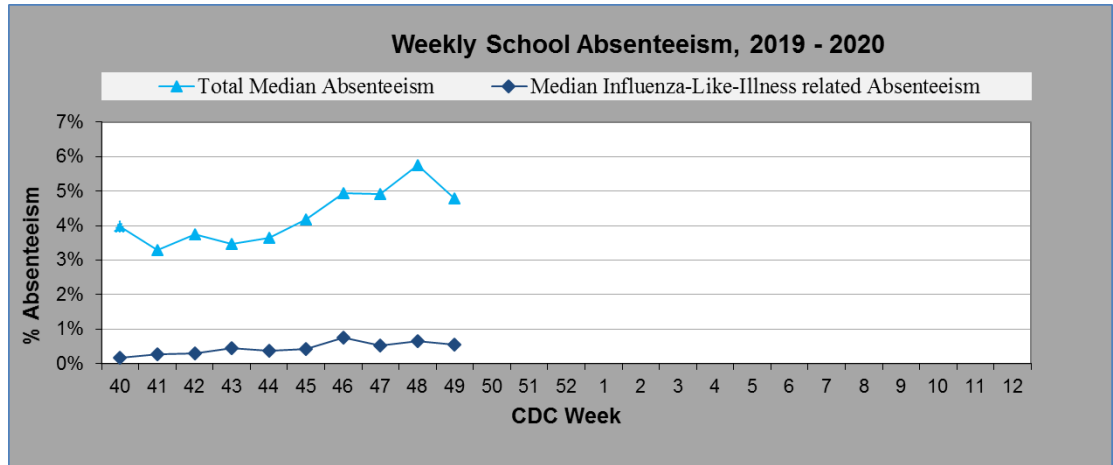


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org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

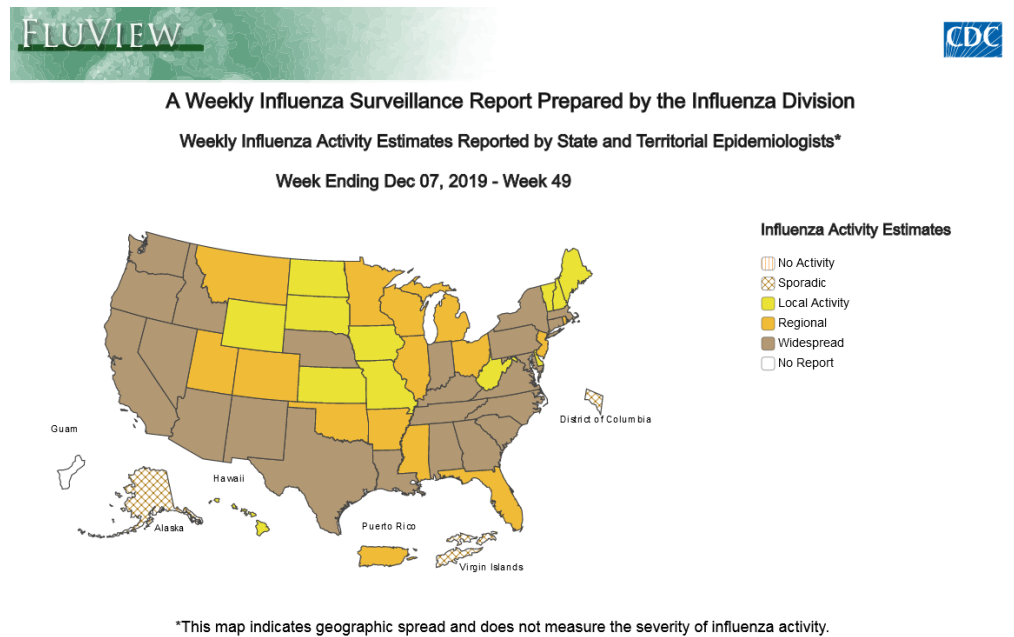
- ◆ During week 49, Stark County schools reported a total median absenteeism of 4.79%. Absenteeism due to influenza-like-illness was reported at 0.54% of all absences. Fifty schools reported.



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 49, Ohio continued to report regional influenza activity, along with 13 other states
- ◆ Sporadic activity – 1 state
- Local activity – 12 states
- Widespread – 23 states



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