

# Stark County's Influenza Weekly Report

Week 40 (9/29/19-10/5/19)



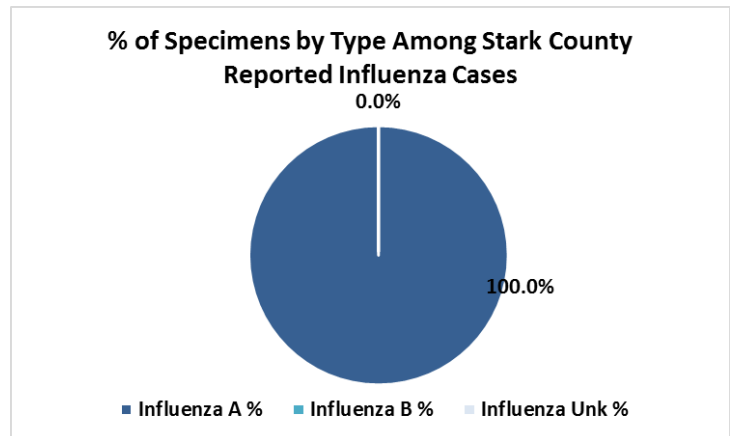
**Public Health**  
Prevent. Promote. Protect.

## During Week 40:

- Stark County had 1 influenza-associated hospitalization.
- Nationally, no influenza-associated pediatric deaths were reported this week.
- 28 influenza A specimens were collected nationally from public health laboratories, 13 subtyped as the 2009 H1N1 virus, 13 subtyped as the H3 virus, and the remainder not subtyped.

## So Far this Season:

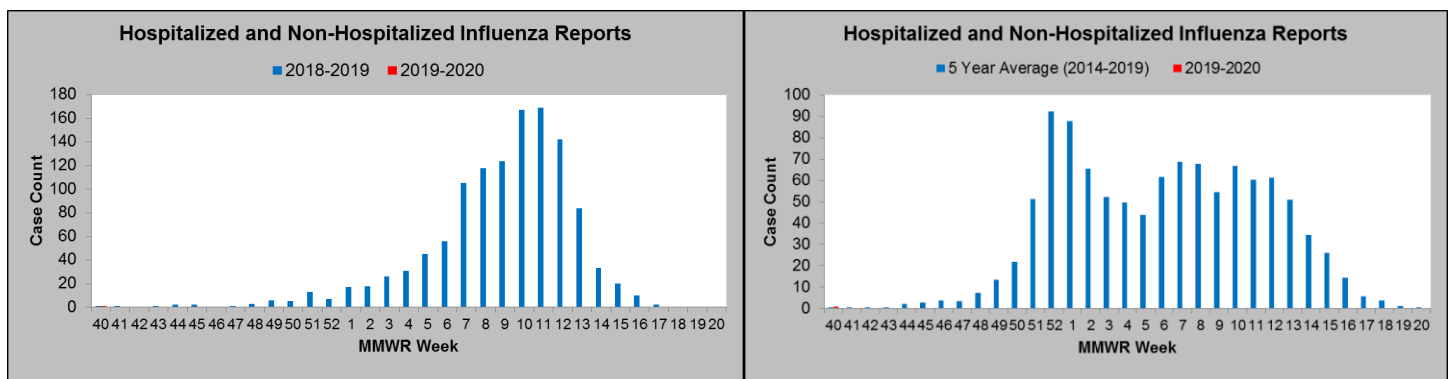
- There has been 1 influenza-associated hospitalization so far this season in Stark County.
- The national cumulative rate of influenza-associated hospitalizations per 100,000 has not been determined.
- 28 Influenza A specimens were collected nationally from public health laboratories, comprising 73.7% of all specimens collected. Of these 50.0% were subtyped as the 2009 H1N1 virus and 50.0% as the H3 virus.
- Nationally, 0 influenza-associated pediatric deaths have been reported this season.



## Viruses Circulating vs. Viruses in this Year's Vaccine

- Nationally not enough specimens were genetically or antigenically characterized to provide sufficient virus characterization data.

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



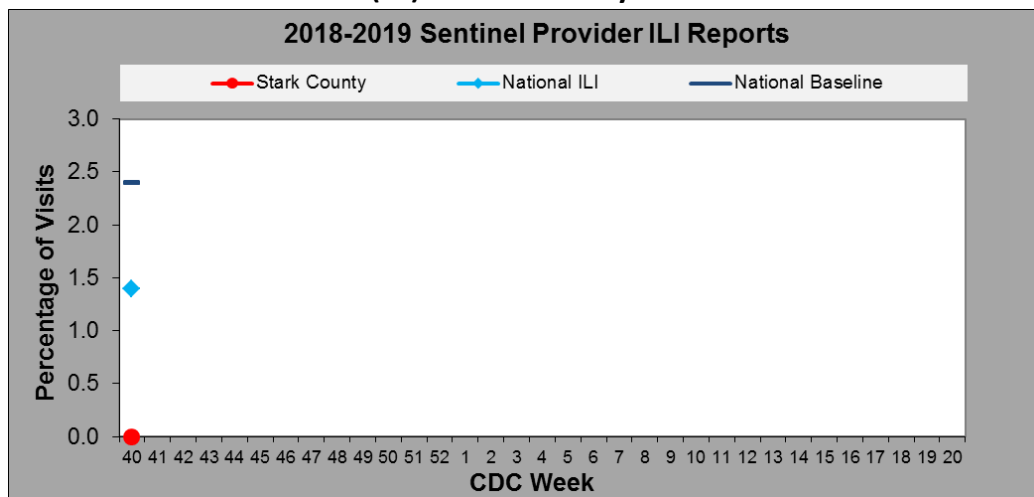
- ◆ There was 1 case of hospitalized or non-hospitalized influenza reported during Week 40 in Stark County. Last year at the same time there was 1 case reported.

\* 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.

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

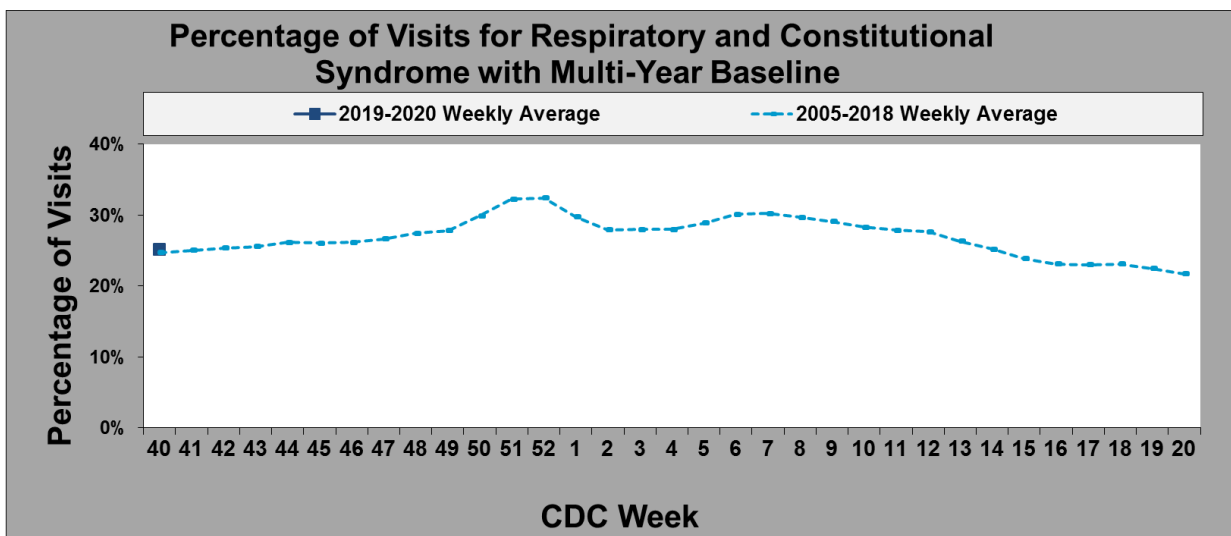
- ◆ During Week 40 the Stark County Sentinel Providers reported no visits for ILI. Nationally 1.4% of visits were for ILI. The national baseline is 2.4% of visits.



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

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

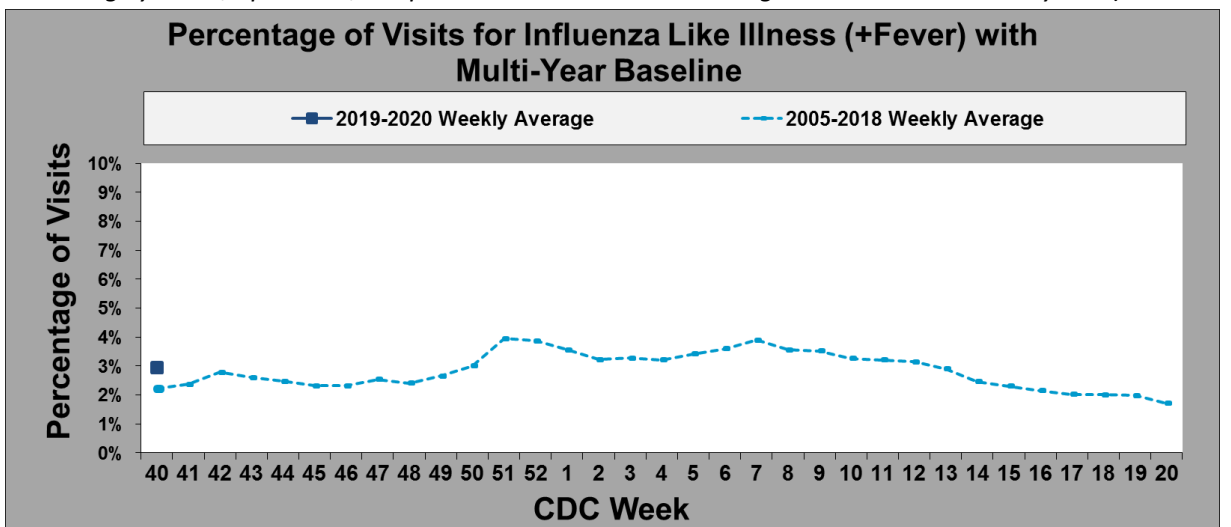
- ◆ ED and Stat Care visits for respiratory and constitutional were at the multi-year average.



**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 40 were above the multi-year average.



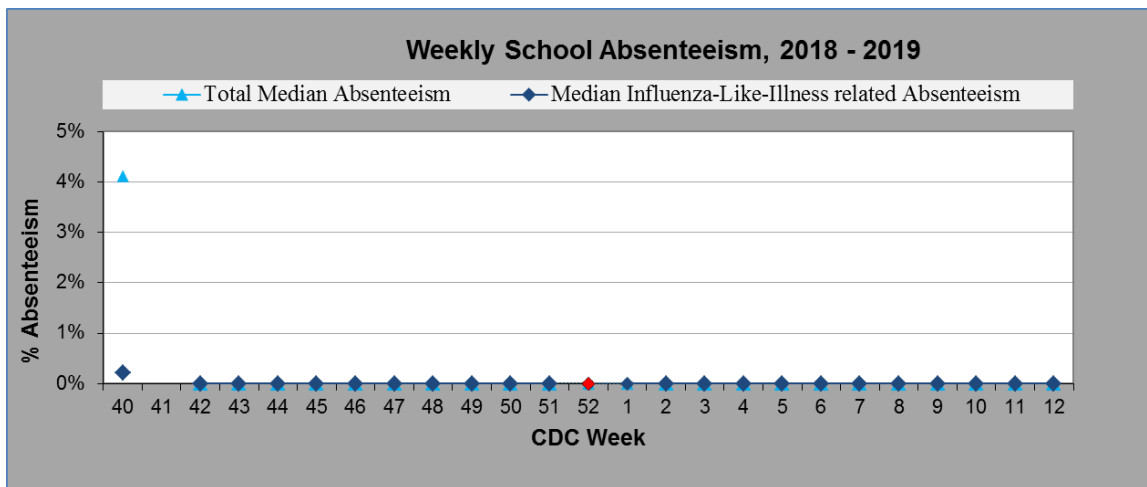
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**Graph 5: Stark County School Absenteeism.**

(Source: Voluntary reporting by multiple school districts throughout the county)

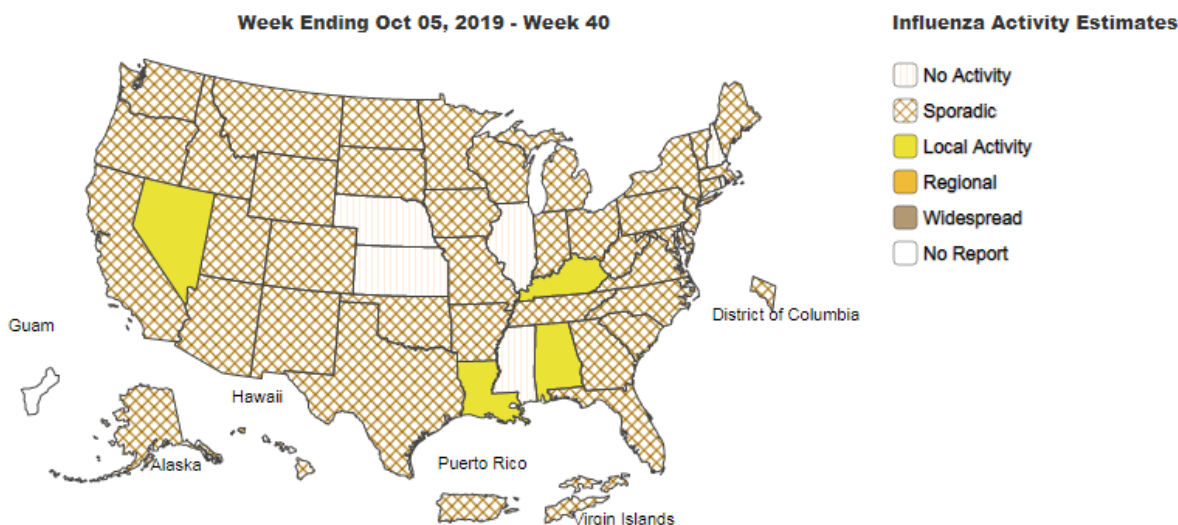
◆ During Week 40, there were 17 schools reporting absenteeism. Of those, a median of 4.12% of students were absent and a median of 0.22% due to ILI.



**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 40, Ohio reported sporadic activity. 4 states reported local influenza activity.



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