

Stark County's Influenza Weekly Report

Week 3 (1/15/17-1/21/17)

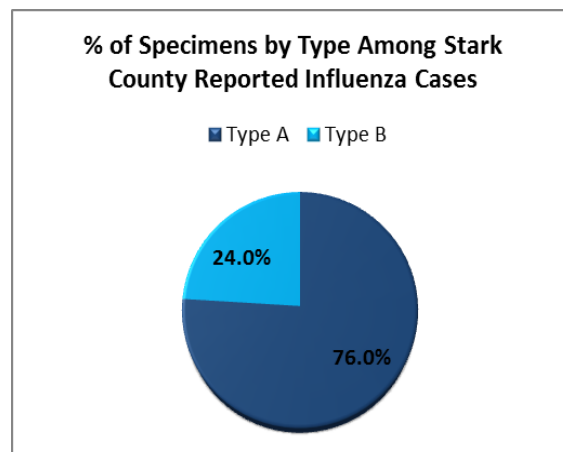


During Week 3:

- Stark County had 22 additional influenza-associated hospitalizations.
- Nationally, three influenza-associated pediatric deaths were reported, none from Stark County.

So Far this Year:

- There have been 104 influenza-associated hospitalizations in Stark County.
 - Those hospitalized for influenza have ranged from 8 months to 95 years of age.
 - The median age for those hospitalized has been 71 years.
- The national cumulative rate for influenza-associated hospitalizations was 15.4 per 100, 000 population.
- Up to week 3, 9,807 specimens collected nationally from public health laboratories were typed influenza A. This was 93.1% of all specimens collected. Of these, 2.6% subtyped as the 2009 H1N1 virus, 95.1% subtyped as the H3 virus, and subtyping was not performed on the rest of them.
- Nationally, eight influenza-associated pediatric deaths were reported so far this year.

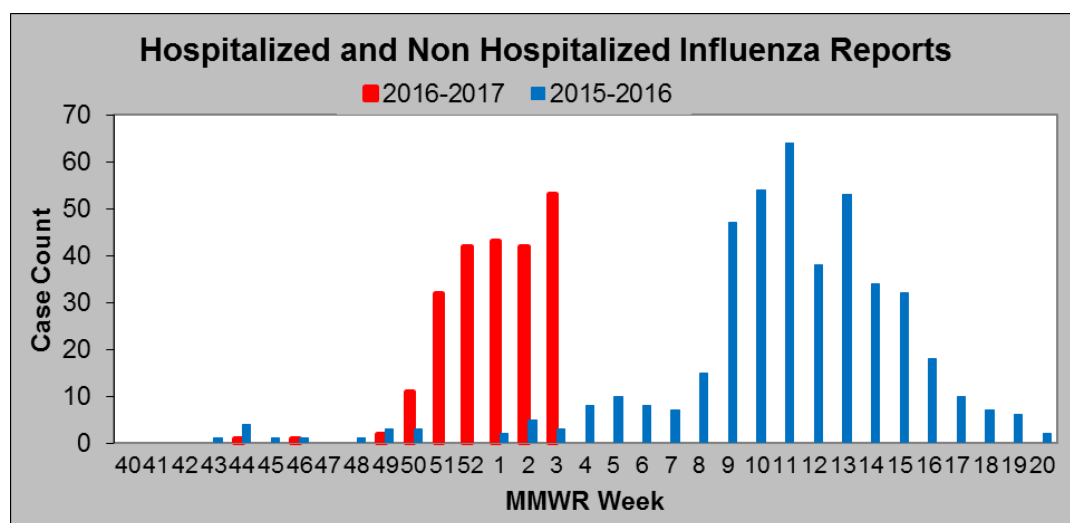


Viruses Circulating vs. Viruses in this Year's Vaccine:

- Nationally since October 1, 2016, 238 specimens were characterized as Influenza A.
 - There were 201 influenza A (H3N2) viruses collected and 95.5% matched the influenza A (H3N2) component in this year's vaccine. There were 37 influenza A (H1N1) viruses collected and 100% matched the influenza A (H1N1) component in this year's vaccine.
- Nationally since October 1, 2016, 60 specimens were characterized as Influenza B.
 - Of these, 28 subtyped from the Yamagata Lineage and 32 subtyped from the Victorian Lineage. Of these specimens, 100% of the Yamagata Lineage matched the Influenza B component of the 2016-2017 vaccine and 90.6% of the Victorian Lineage matched.

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

- ◆ There were 53 cases of hospitalized and non-hospitalized influenza reported for Week 3 in Stark County. Last year there were three cases reported this week. Stark County increased to 227 cases reported so far this year compared to the 24 cases reported so far last year.



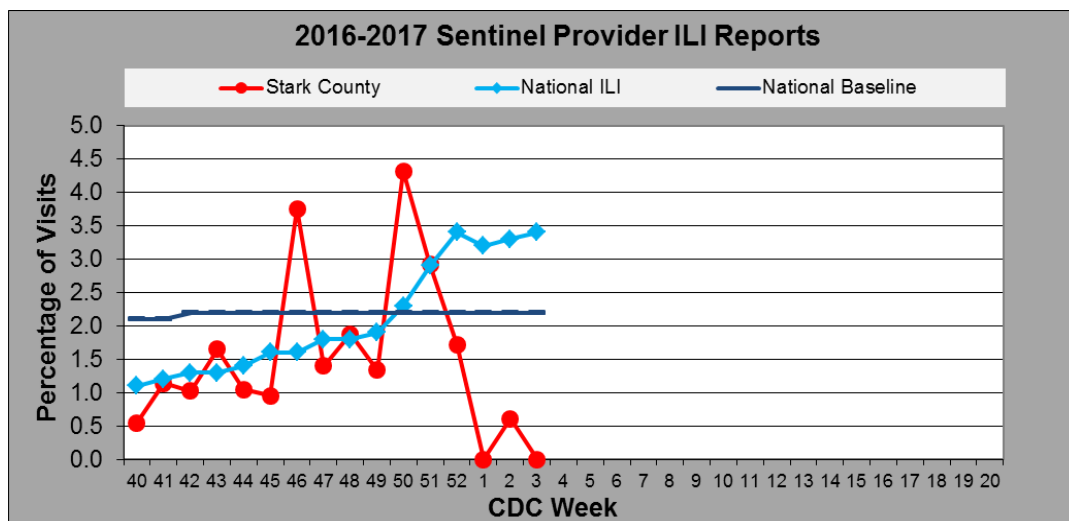
* All data presented in this weekly report are preliminary and may change as additional information is received.

* Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.

➢ If you have any questions please contact Julia Wagner at 330.493.9914 or Wagnerj@starkhealth.org

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

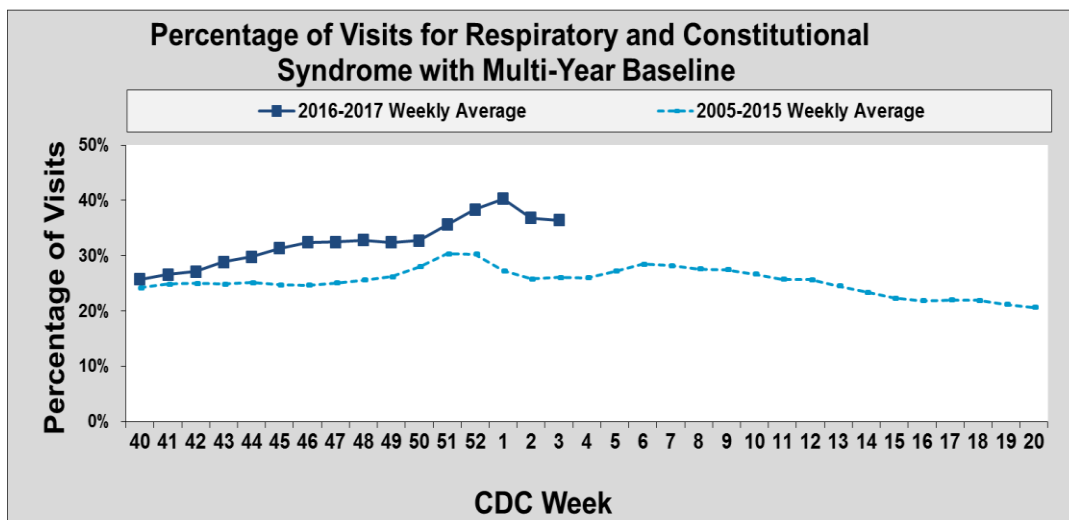
- ◆ During week 3 the Stark County Sentinel Providers had no reports of office visits for ILI. The national reports overall increased, and remained above the 2.2% baseline.



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

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

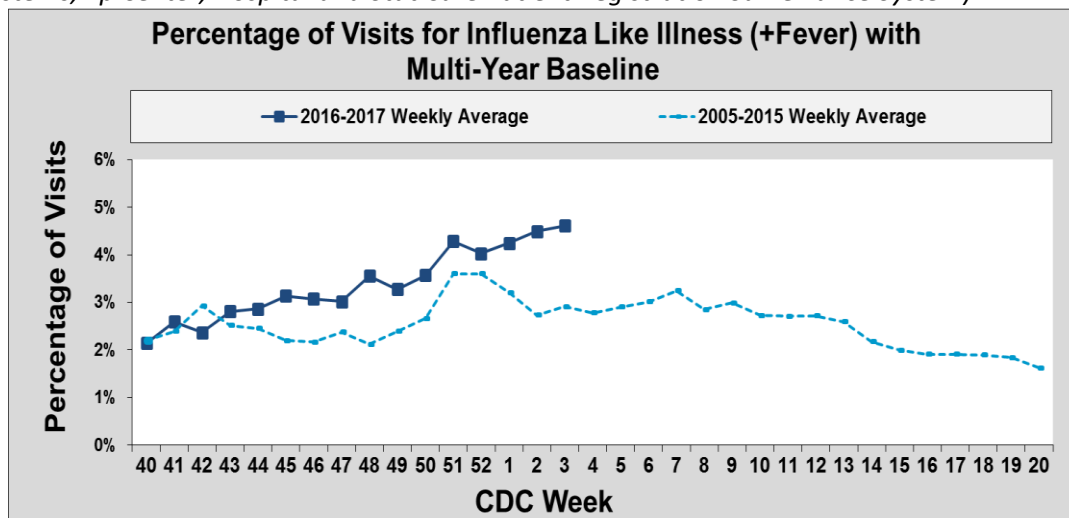
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome decreased slightly, but remained above the multi-year baseline average during week 3.



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 3 increased, and remained above the multi-year average.



* All data presented in this weekly report are preliminary and may change as additional information is received.

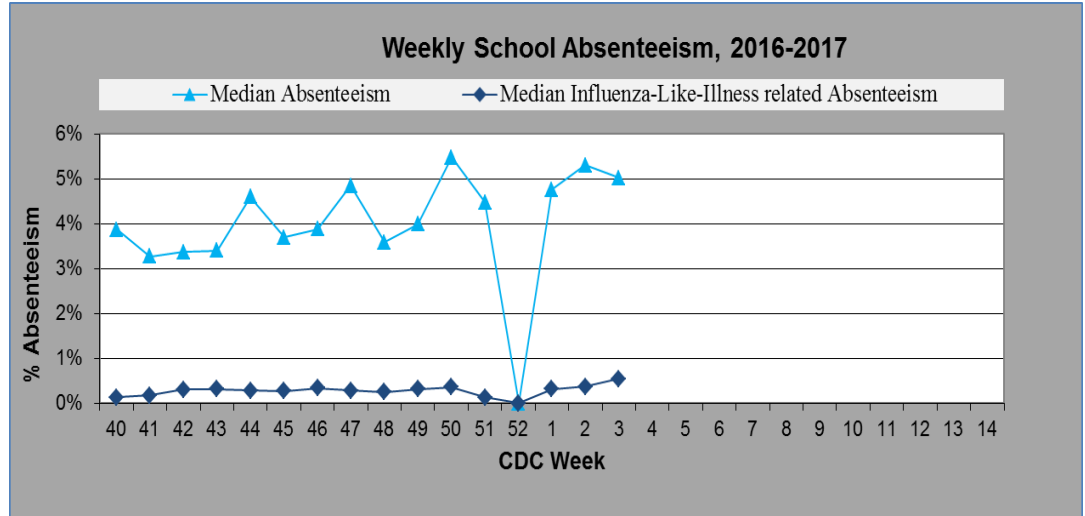
* Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.

➤ If you have any questions please contact Julia Wagner at 330.493.9914 or Wagnerj@starkhealth.org

Graph 5: Stark County School Absenteeism.

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

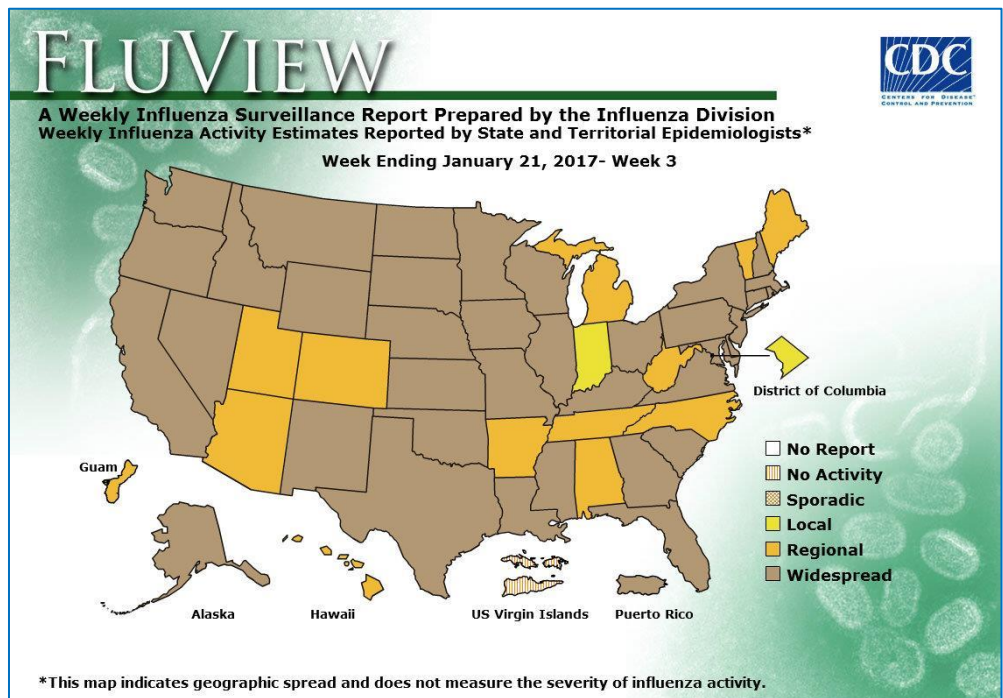
- ◆ During week 3 schools there were 62 reports submitted. Though the median absenteeism rate slightly decreased, the median absenteeism specifically for ILI increased.



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 3, Ohio remained at widespread influenza activity. There were 36 other states also reporting widespread influenza.



Alliance City Health
Department
cityofalliance.com/health



Promoting and Protecting Health Since 1849
Canton City Health
Department
cantonhealth.org



Massillon City Health
Department
massillonohio.com/health



Stark County Health
Department
starkhealth.org

* 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 Julia Wagner at 330.493.9914 or Wagnerj@starkhealth.org