

Stark County's Influenza Weekly Report

Week 2 (1/8/17-1/14/17)

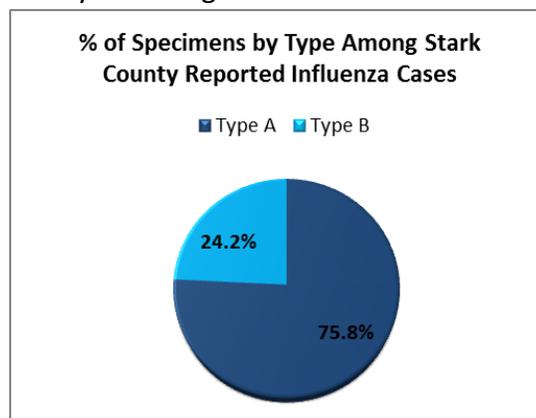


During Week 2:

- Stark County had 19 additional influenza-associated hospitalizations.
- Nationally, two influenza-associated pediatric deaths were reported, none from Stark County.

So Far this Year:

- There have been 82 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 10.2 per 100, 000 population.
- Up to week 2, 7,362 specimens collected nationally from public health laboratories were typed influenza A. This was 92.8% of all specimens collected. Of these, 2.9% subtyped as the 2009 H1N1 virus, 94.8% subtyped as the H3 virus, and subtyping was not performed on the rest of them.
- Nationally, five influenza-associated pediatric deaths were reported so far this year.

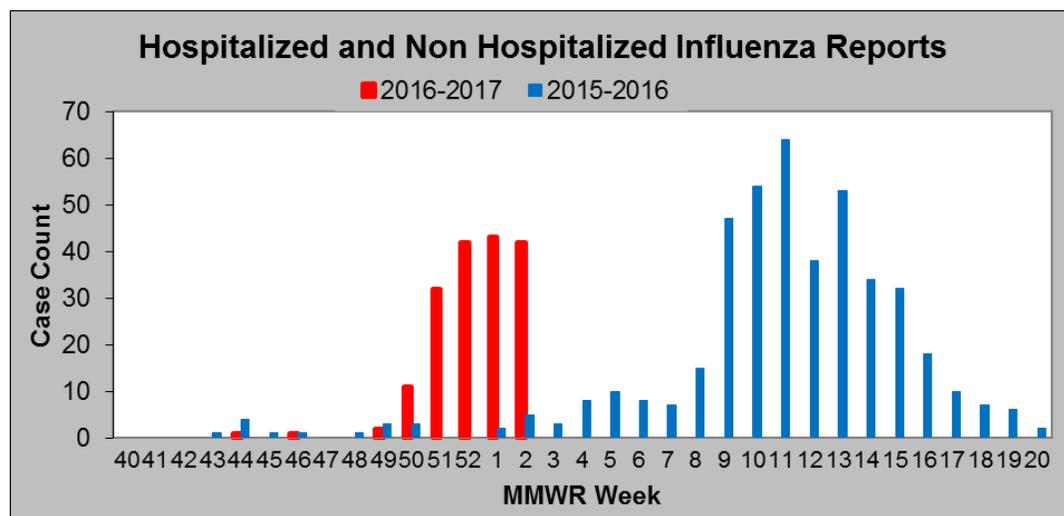


Viruses Circulating vs. Viruses in this Year's Vaccine:

- Nationally since October 1, 2016, 177 specimens were characterized as Influenza A.
 - There were 140 influenza A (H3N2) viruses collected and 95.0% 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 42 cases of hospitalized and non-hospitalized influenza reported for Week 2 in Stark County. Last year there were five cases reported this week. Stark County increased to 174 cases reported so far this year compared to the 21 cases reported so far last year.



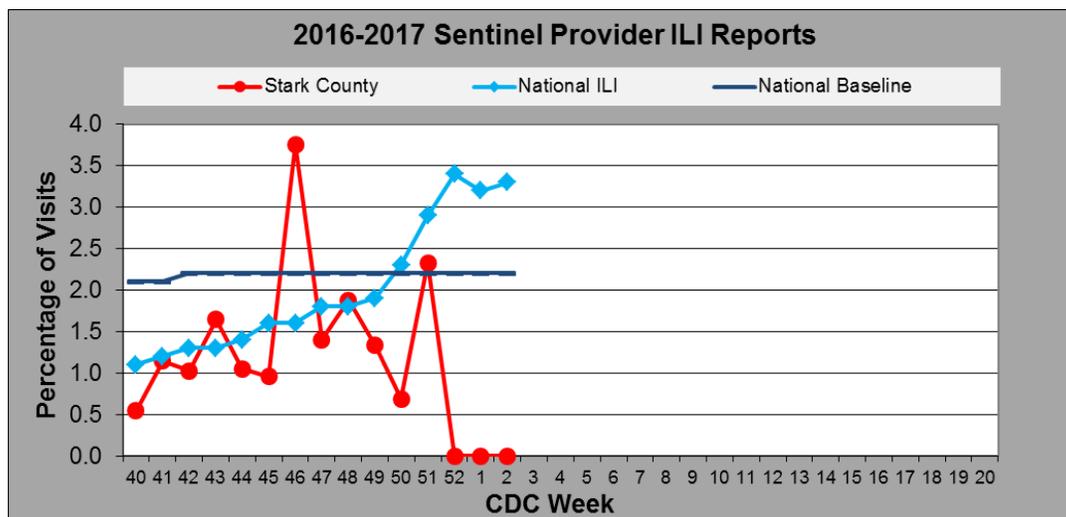
* All data presented in this weekly report are preliminary and may change as additional information is received.

* 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.

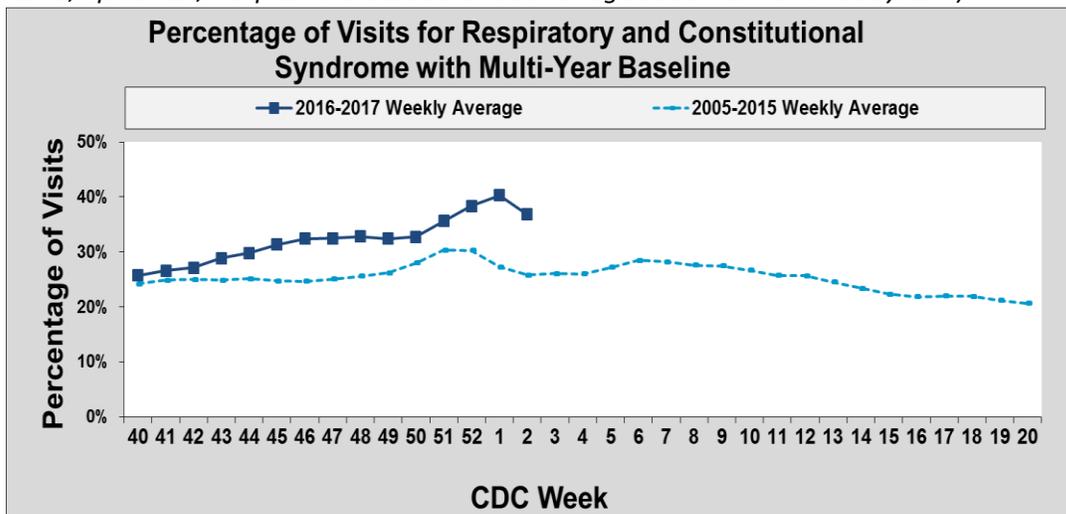
- ◆ During week 2 the Stark County Sentinel Providers again had no reports of office visits for ILI. The national reports overall increased, and remained above the 2.2% baseline.



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

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

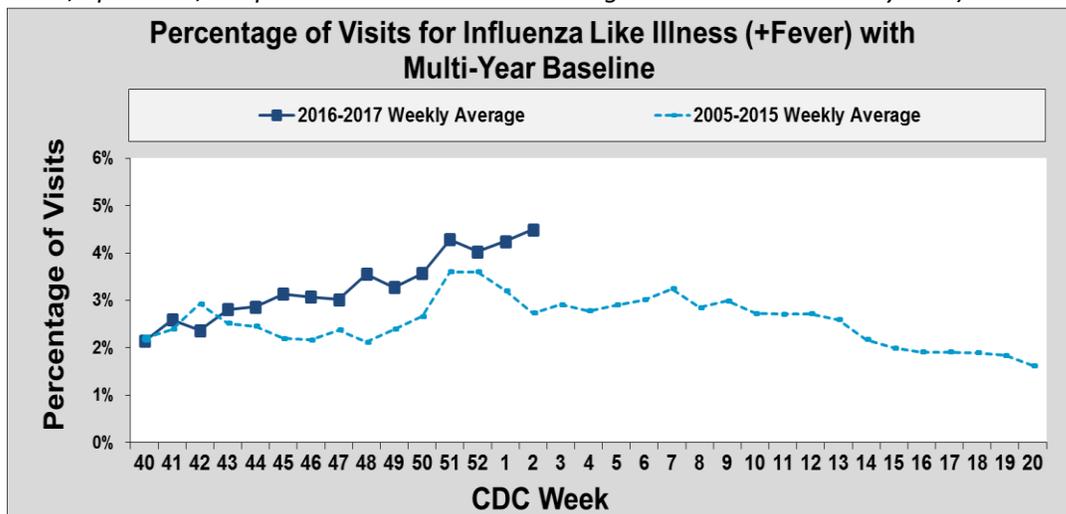
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome decreased, but remained above the multi-year baseline average during week 2.



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



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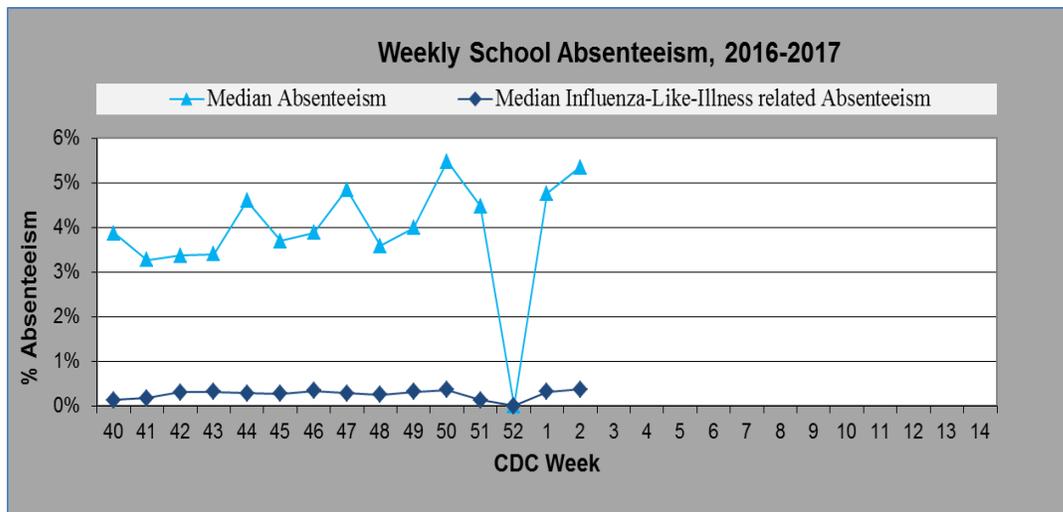
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Graph 5: Stark County School Absenteeism.

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

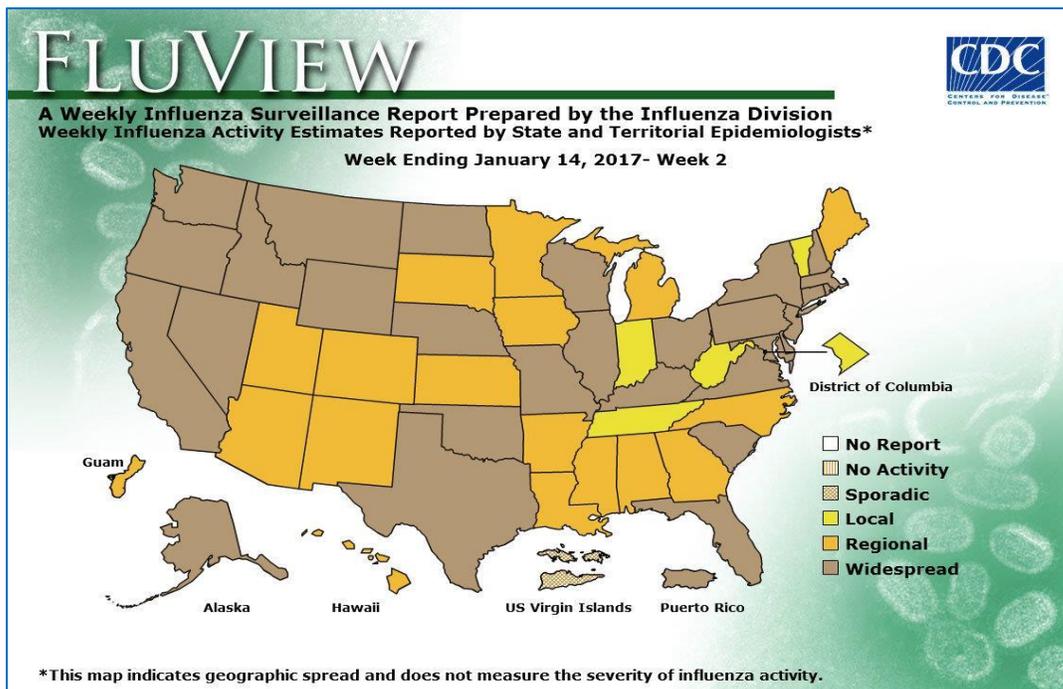
- ◆ During week 2 schools there were 65 reports submitted, both the median absenteeism rate and the median absenteeism specifically for ILI increased slightly.



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 2, Ohio remained at widespread influenza activity. There were 28 other states also reporting widespread influenza.



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 Canton City Health Department
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