

Stark County's Influenza Weekly Report

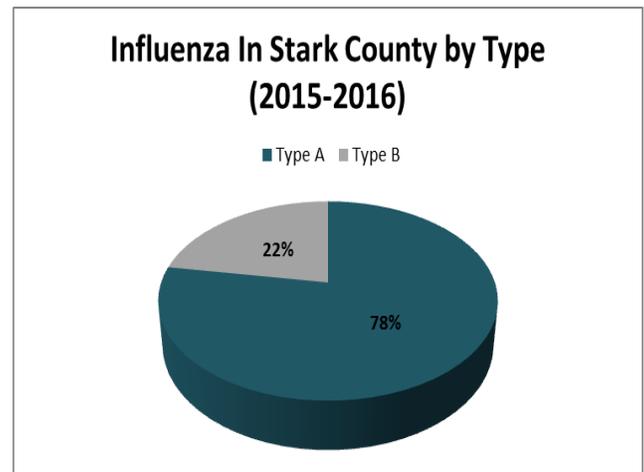
Week 8 (2/21/16-2/27/16)

During this Week of the Flu Season:

- During week eight, Stark County had seven influenza-associated hospitalizations.
- During week eight, National Pneumonia and Influenza (I&P) Mortality Surveillance of all deaths reported through the 122 Cities Mortality Reporting System as due to I&P was at 7.4%. This is below the 7.2% epidemic threshold.
- Nationally, four influenza-associated pediatric deaths were reported during week eight.

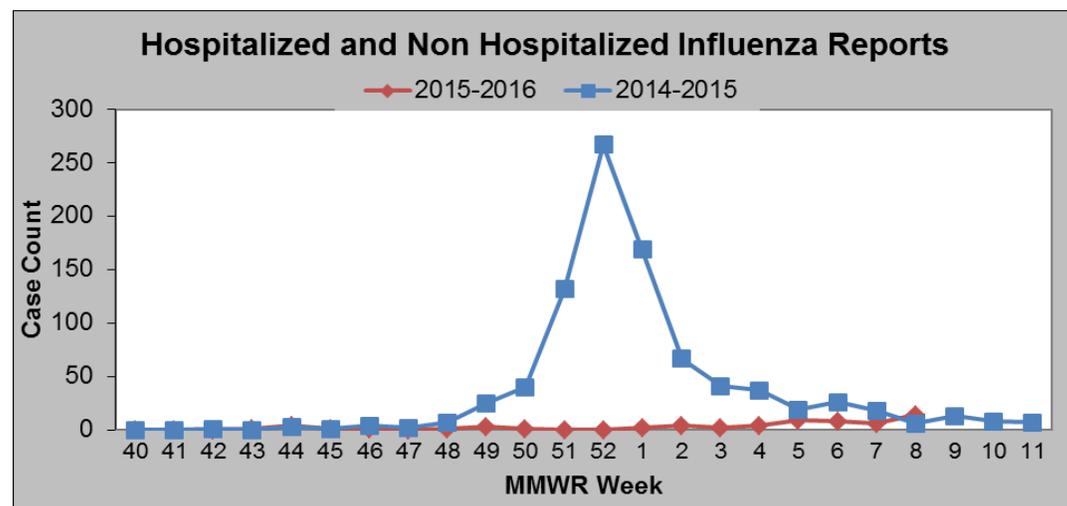
So Far this Flu Season: 10/4/2015-present

- So far this season in Stark County there has been 28 influenza-associated hospitalizations.
- In Stark County, 36% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 7.8 per 100,000 population.
- So far this year, 6,201 influenza A specimens were collected and tested by public health laboratories, 75.2% subtyped as the 2009 H1N1 virus, 22.7% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 251 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2015. Of those characterized, none were drifted (significantly different) that this year's influenza vaccine.
- Since October 1, 2015, 201 specimens have been characterized nationally as Influenza B. There were 142 subtyped from the Yamagata Lineage leaving 59 subtyped from the Victorian Lineage.
- There have been eighteen pediatric deaths nationally so far this season.



Graph 1: Influenza Cases Reported to the Local Health Departments in Stark County.

- ◆ During week eight there were fourteen reports of hospitalized and non-hospitalized influenza. This week last year had six reports.
- ◆ This year's reports total at 61 cases. The total number of reports up to this week last year was 865.

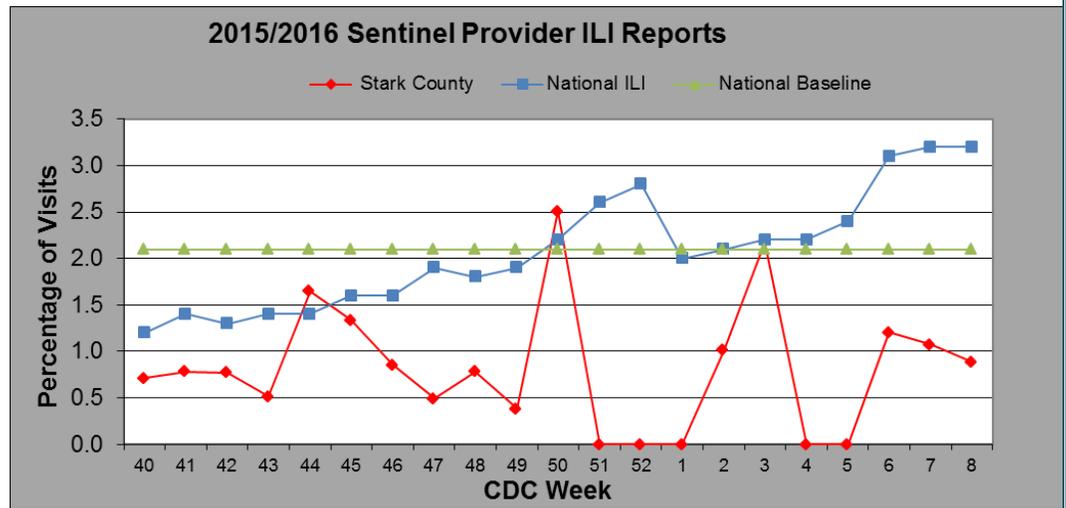


* All data presented in this weekly report are preliminary and may change as additional information is received.

* 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.

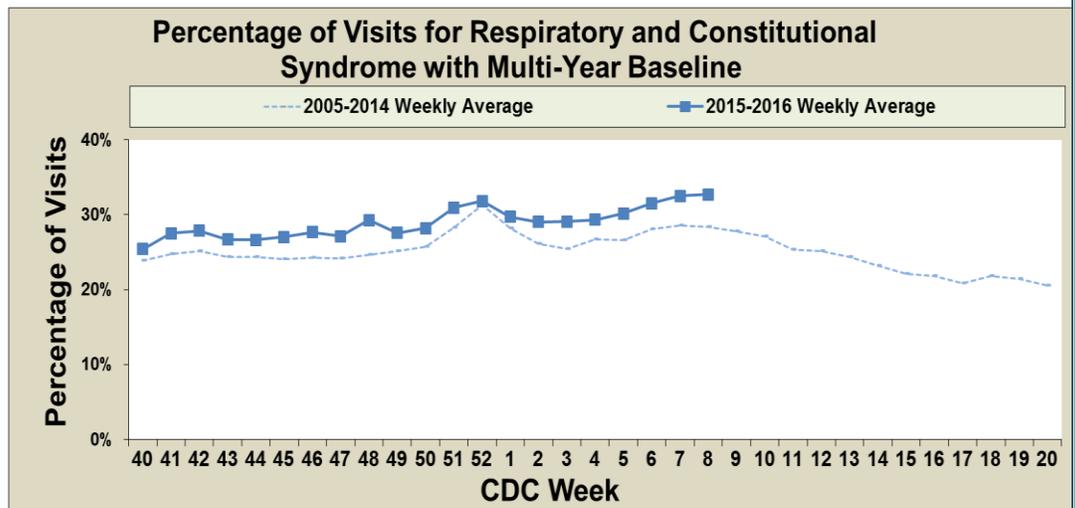
- ◆ During week eight, the percentage of visits for ILI decreased again for the Stark County sentinel providers reports and remained at the same level for the national reports.



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

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

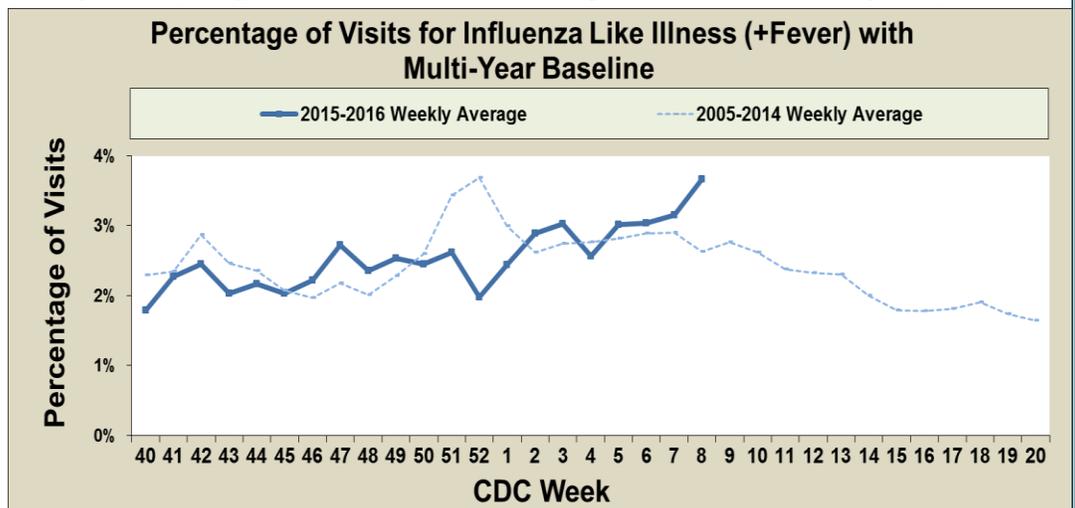
- ◆ During week eight, ED and Stat Care visits for respiratory and constitutional syndrome increased slightly and remained above the multi-year baseline.



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 increased sharply during week eight, and remained above the multi-year baseline.

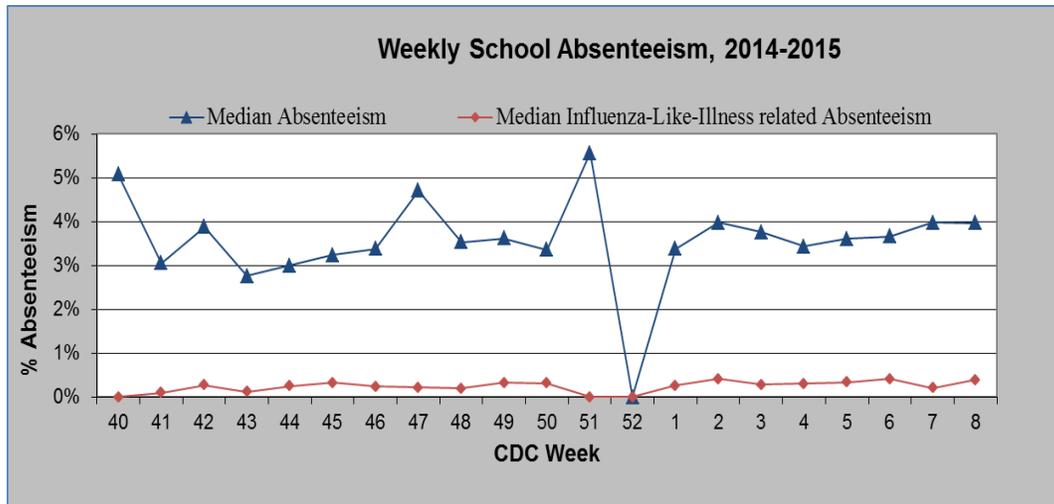


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Graph 5: Stark County School Absenteeism.

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

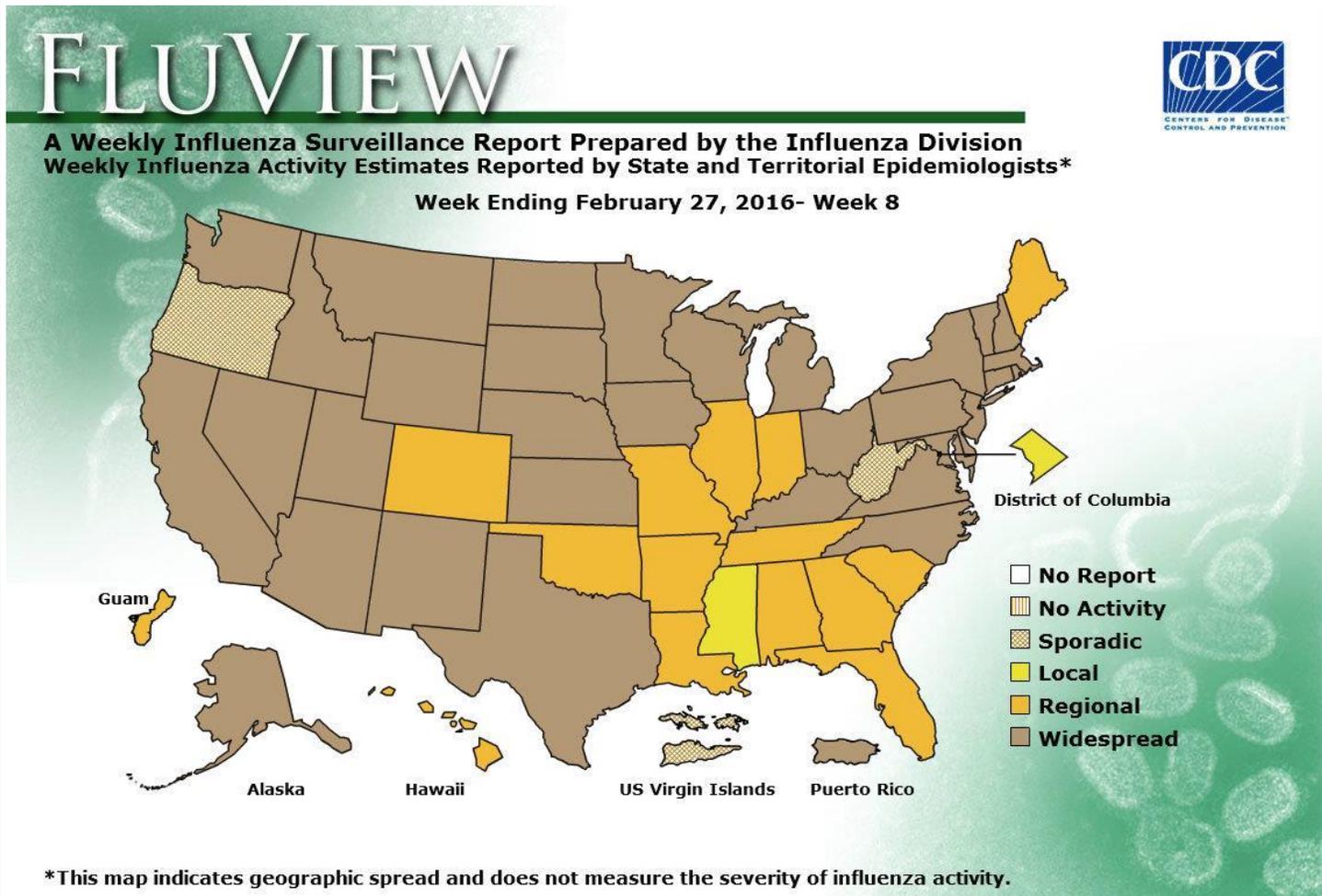
◆ During week eight, the overall median absenteeism slightly decreased and the median influenza-like-illness absenteeism increased.



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 eight, Ohio increased to a widespread spread of influenza activity. Including Ohio, 33 states reported widespread influenza activity during this week.



*This map indicates geographic spread and does not measure the severity of influenza activity.
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