

Stark County's Influenza Weekly Report

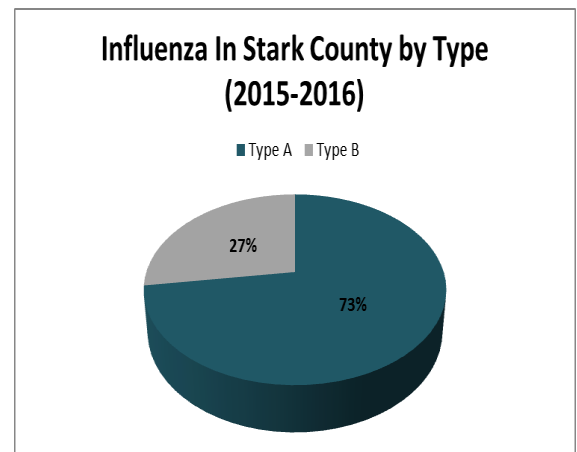
Week 7 (2/14/16-2/20/16)

During this Week of the Flu Season:

- During week seven, Stark County had four influenza-associated hospitalizations.
- During week seven, 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 7.1%. This is below the 7.2% epidemic threshold.
- Nationally, one influenza-associated pediatric deaths were reported during week seven.

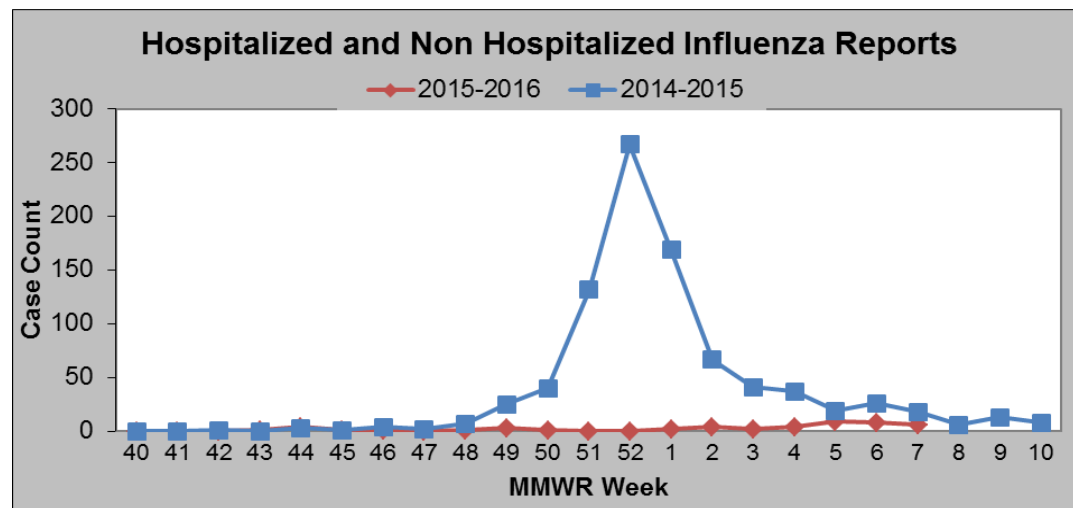
So Far this Flu Season: 10/4/2015-present

- So far this season in Stark County there has been 21 influenza-associated hospitalizations.
- In Stark County, 38% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 5.8 per 100, 000 population.
- So far this year, 4,790 influenza A specimens were collected and tested by public health laboratories, 71.6% subtyped as the 2009 H1N1 virus, 25.3% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 242 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, 147 specimens have been characterized nationally as Influenza B. Eighty-eight were subtyped from the Yamagata Lineage leaving 59 subtyped from the Victorian Lineage.
- There have been fourteen pediatric deaths nationally so far this season.



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

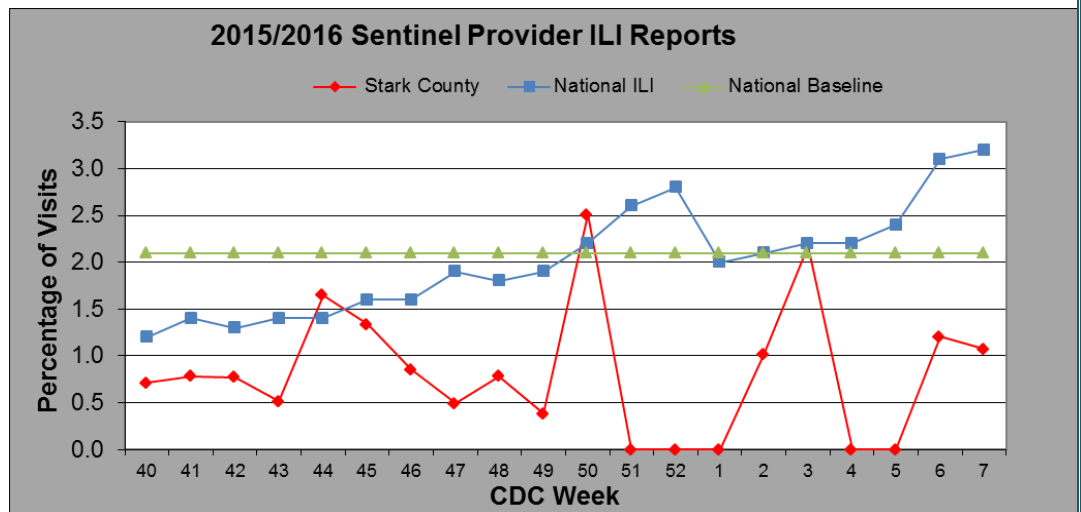
- ◆ During week seven there were six reports of hospitalized and non-hospitalized influenza. This week last year had eighteen reports.
- ◆ This year's reports total at 47 cases. The total number of reports up to this week last year was 859.



* 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.

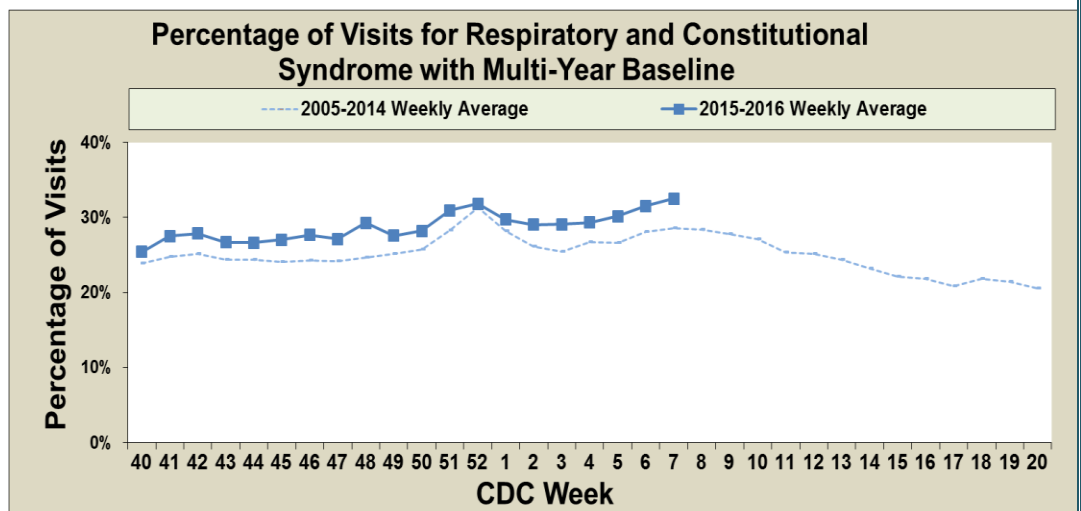
◆ During week seven, the percentage of visits for ILI decreased slightly for the Stark County sentinel providers reports and increased for the national reports. The national percentage of visits remained above baseline.



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

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

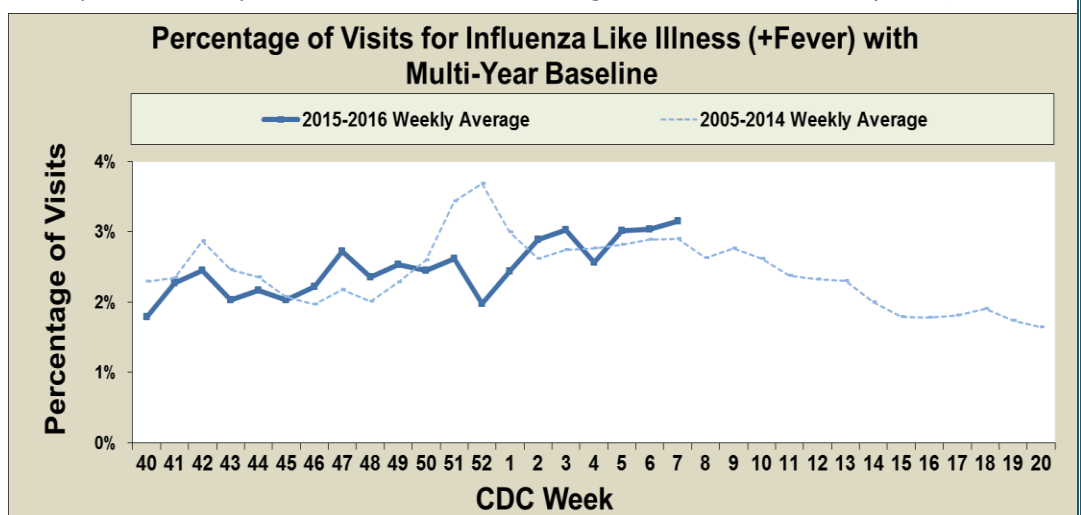
◆ During week seven, ED and Stat Care visits for respiratory and constitutional syndrome increased for the sixth consecutive week and remained above the multi-year baseline.



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 during week seven, and remained above the multi-year baseline.



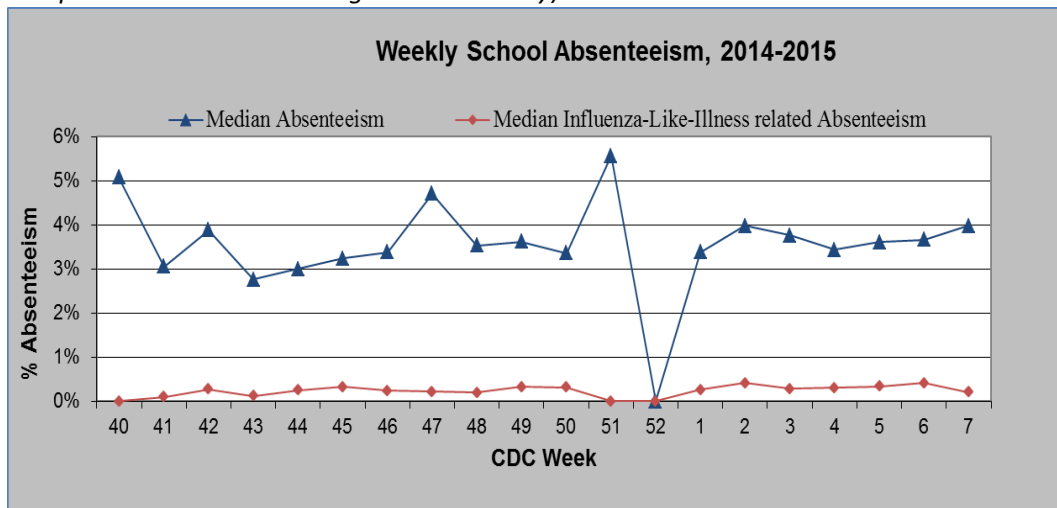
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Graph 5: Stark County School Absenteeism.

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

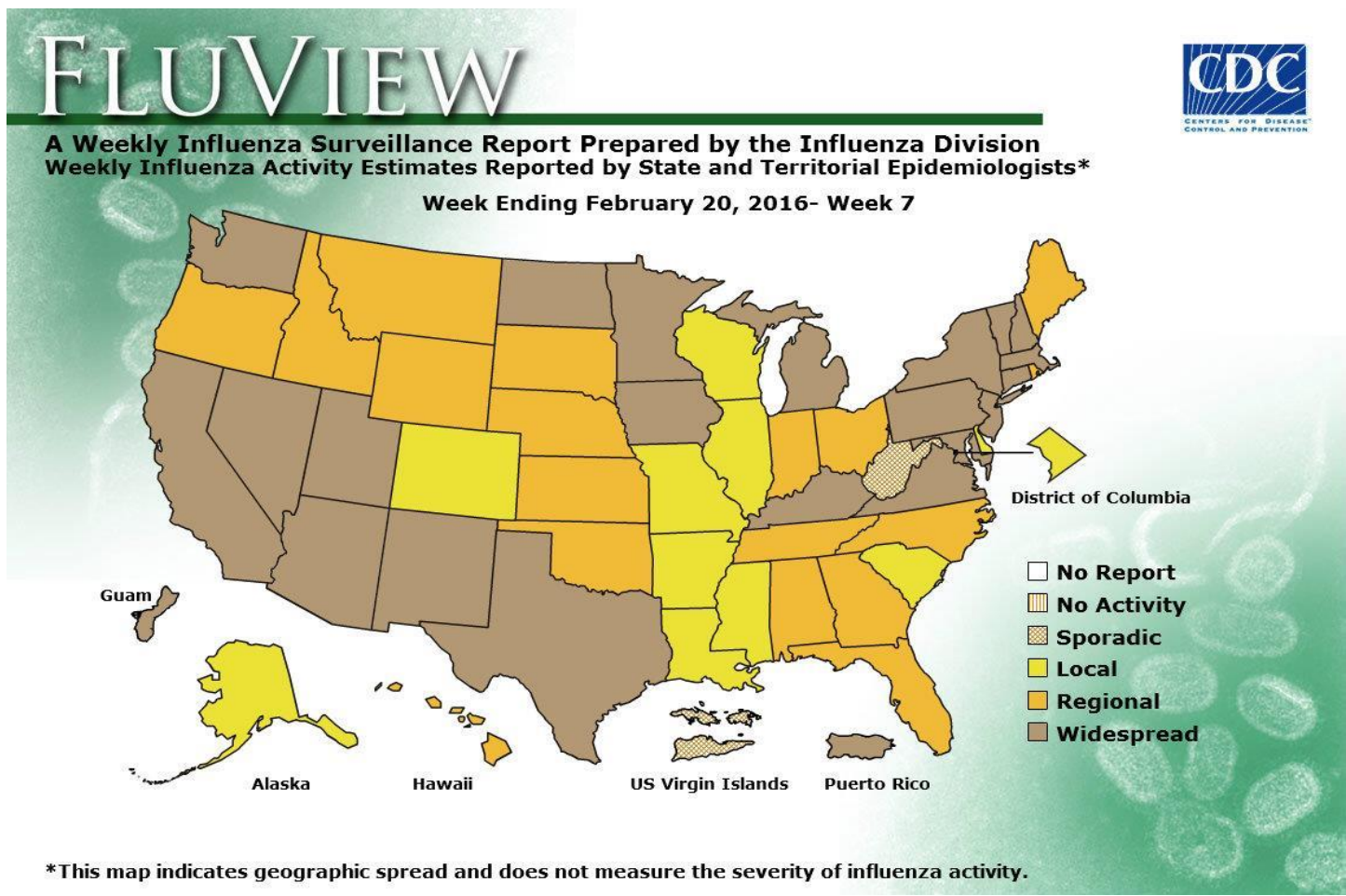
- ◆ During week seven, the overall median absenteeism increased, but the median influenza-like-illness absenteeism decreased.



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 seven, Ohio remained at regional spread of influenza activity. Across the United States, widespread influenza activity was reported in 21 states; this was a sizable increase from the twelve states reporting widespread influenza activity during week six.



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

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