

Stark County's Influenza Weekly Report

Week 4 (1/24/16-1/30/16)

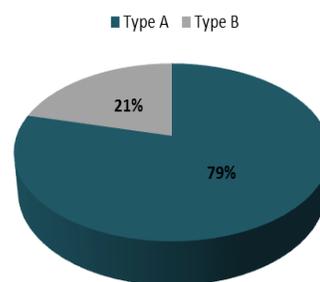
During this Week of the Flu Season:

- During week four, Stark County had four influenza-associated hospitalizations.
- During week four, 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 7.0%. This is below the 7.6% epidemic threshold.
- Nationally, two influenza-associated pediatric deaths were reported during week four.

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

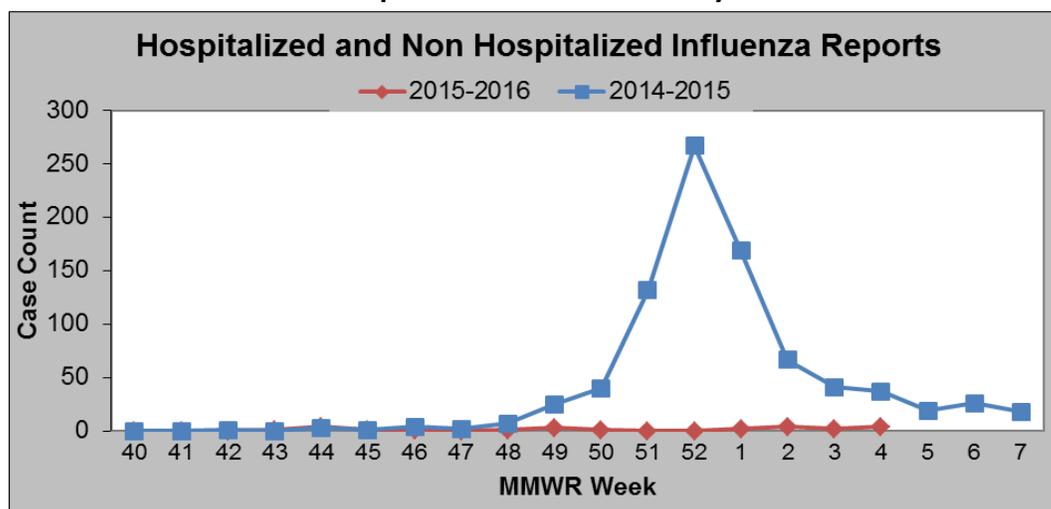
- So far this season in Stark County there has been 10 influenza-associated hospitalizations.
- In Stark County, 45% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 2.6 per 100, 000 population.
- So far this year, 2,060 influenza A specimens were collected and tested by public health laboratories, 55.0% subtyped as the 2009 H1N1 virus, 36.4% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 190 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, 87 specimens have been characterized nationally as Influenza B. Fifty-two were subtyped from the Yamagata Lineage leaving thirty-five subtyped from the Victorian Lineage.
- There have been nine pediatric deaths nationally so far this season.

Influenza In Stark County by Type (2015-2016)



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

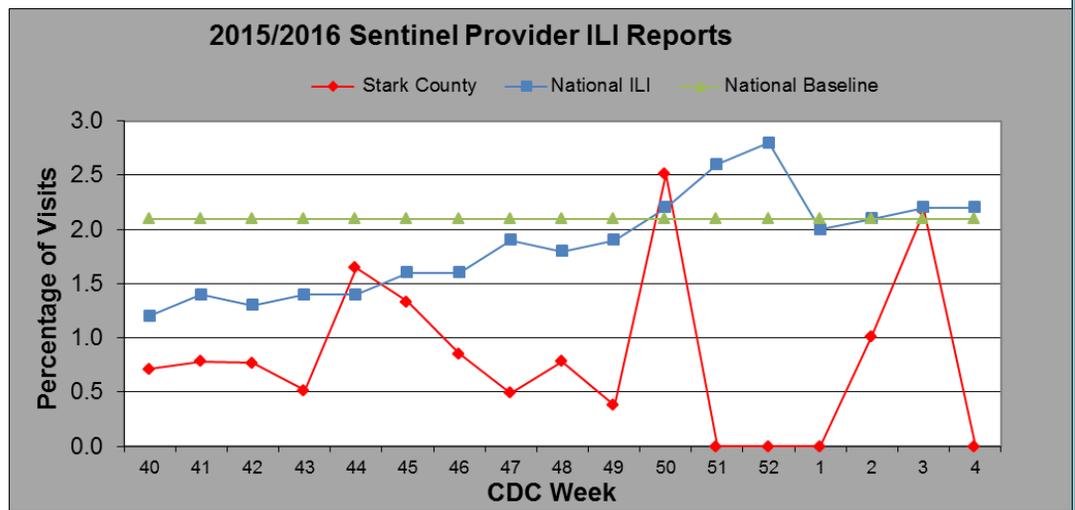
- ◆ During week four there were four reports of hospitalized and non-hospitalized influenza. This week last year had 37 reports.
- ◆ This year's reports total at 24 cases. The total number of reports for this week last year was 796.



* 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.

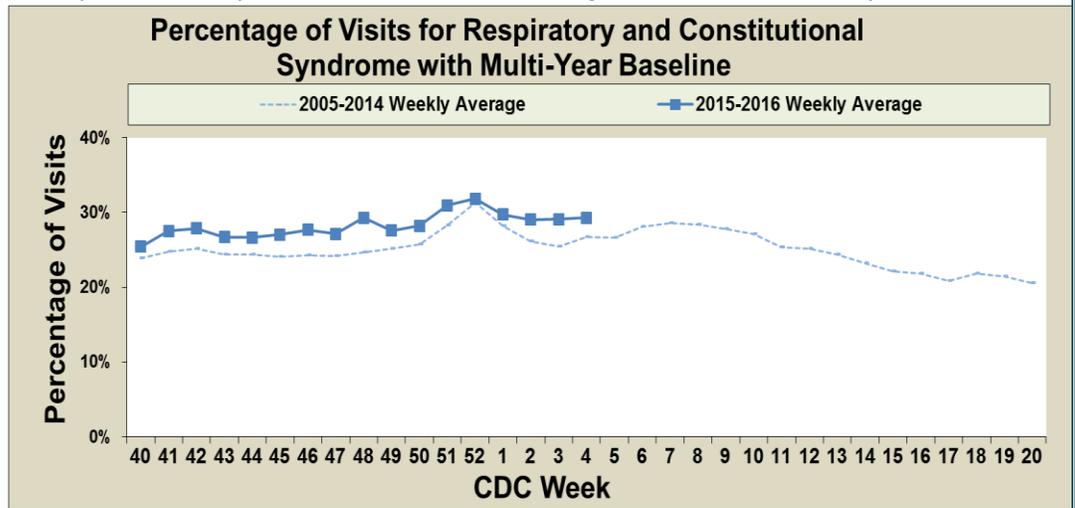
- ◆ There were zero visits for ILI reported by the Stark County sentinel providers. The national percentage of ILI visits reported remained just slightly above the baseline.



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

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

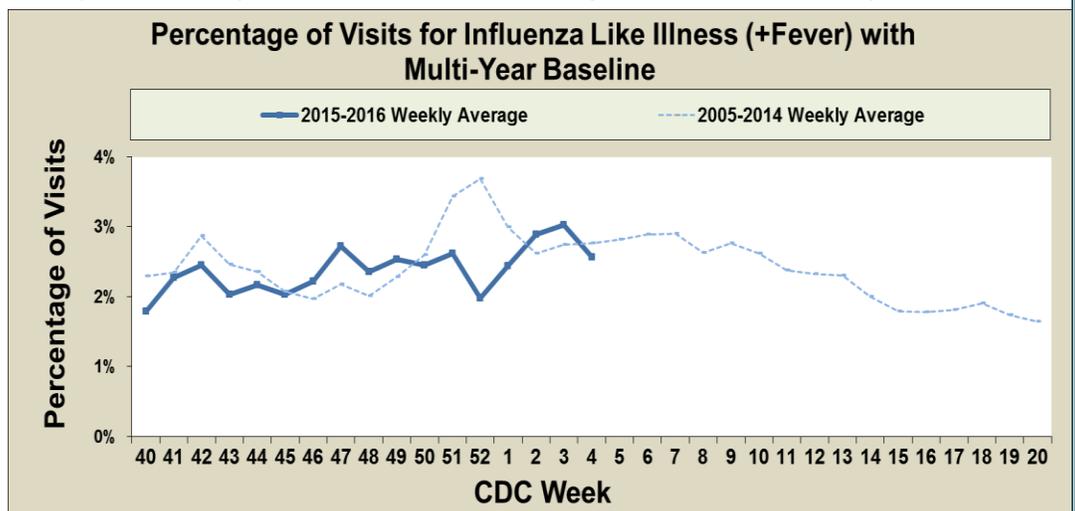
- ◆ During week four, ED and Stat Care visits for respiratory and constitutional syndrome increased slightly and remained above the multi-year baseline.



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 decreased during week four, and moved below the multi-year baseline.

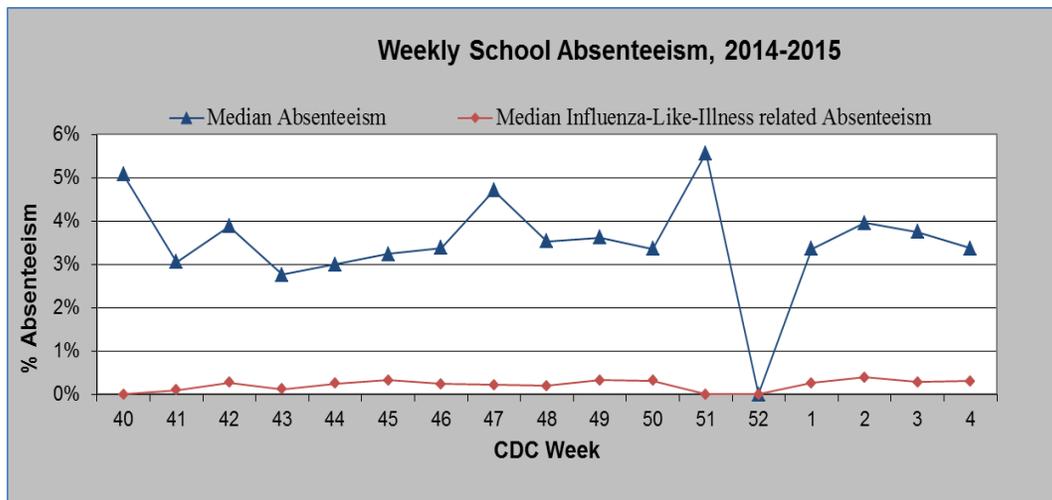


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Graph 5: Stark County School Absenteeism.

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

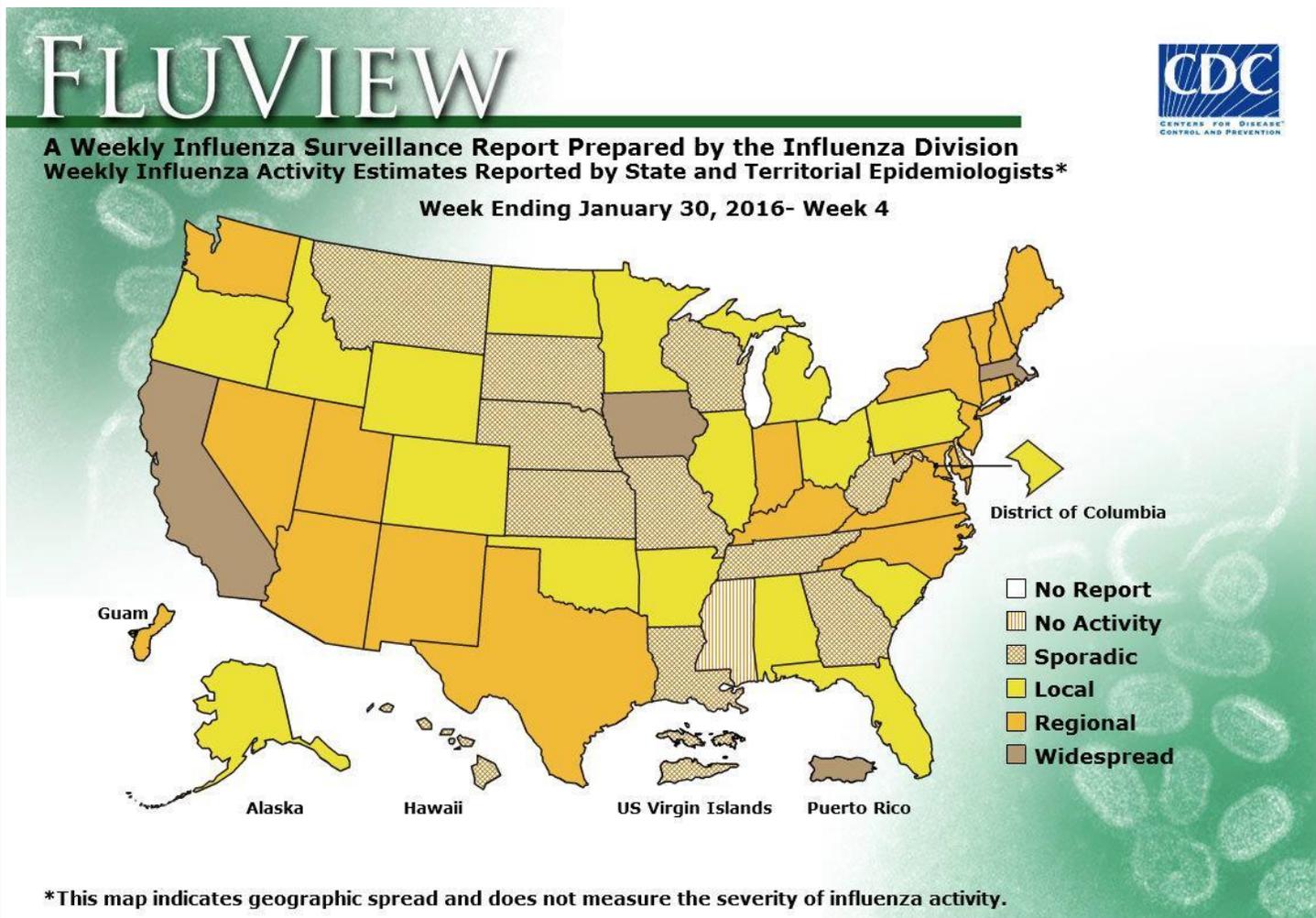
◆ During week four, the overall median absenteeism decreased compared to week three, but the median influenza-like-illness absenteeism slightly increased.



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 four, Ohio increased to local influenza activity.



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

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