

Stark County's Influenza Weekly Report

Week 10 (3/6/16-3/12/16)

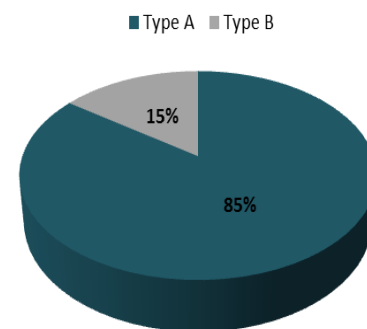
During this Week of the Flu Season:

- During week ten, Stark County had eleven influenza-associated hospitalizations.
- During week ten, 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 6.9%. This is below the 7.2% epidemic threshold.
- Nationally, eight influenza-associated pediatric deaths were reported during week eight.

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

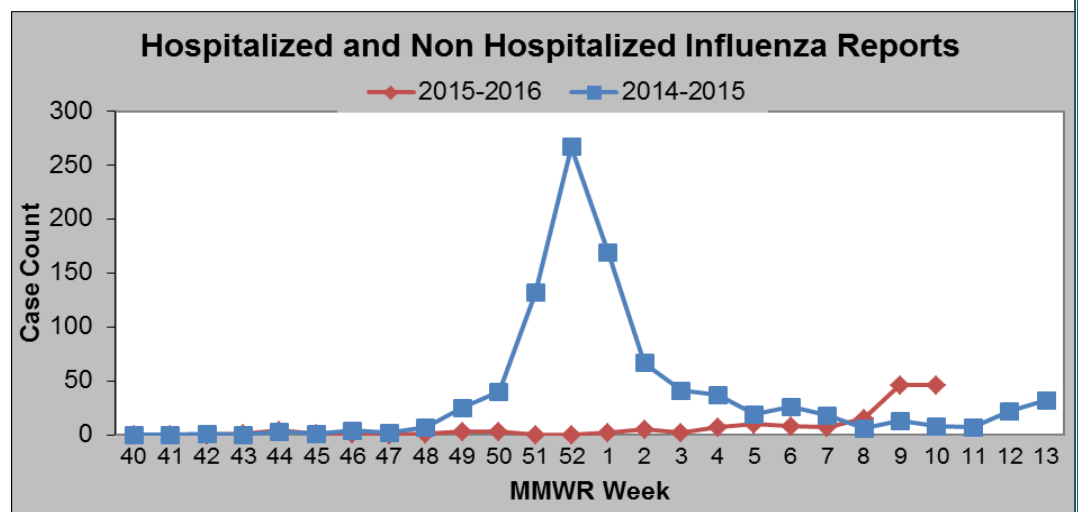
- So far this season in Stark County there has been 55 influenza-associated hospitalizations.
- In Stark County, 47% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 14.5 per 100,000 population.
- So far this year, 10,018 influenza A specimens were collected and tested by public health laboratories, 78.3% subtyped as the 2009 H1N1 virus, 19.0% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 295 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, 357 specimens have been characterized nationally as Influenza B. There were 239 subtyped from the Yamagata Lineage leaving 118 subtyped from the Victorian Lineage.
- There have been 28 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.

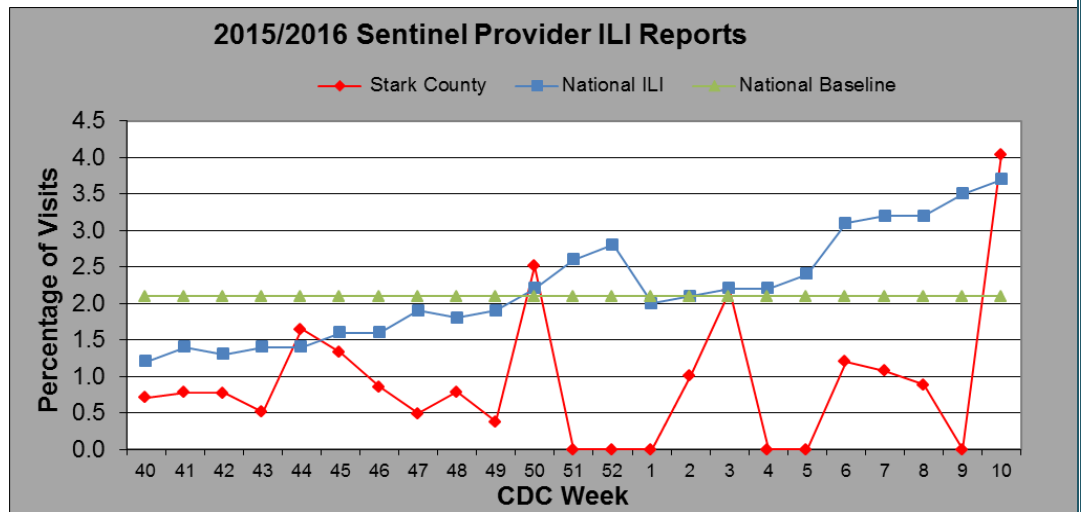
- ◆ During week ten there were 46 reports of hospitalized and non-hospitalized influenza. This week last year had eight reports.
- ◆ This year's reports total at 162 cases. The total number of reports up to this week last year was 886.



* 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.

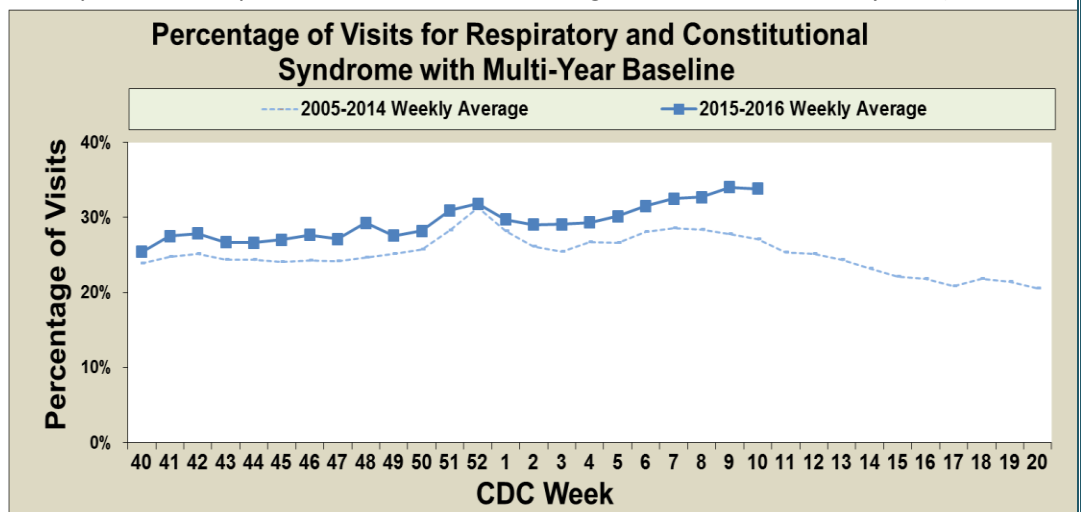
◆ During week ten, the percentage of ILI visits from the Stark County sentinel providers jumped to above even the national percentage of ILI visits reported. National percentage of reports did increase as well during week ten and remained above baseline.



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

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

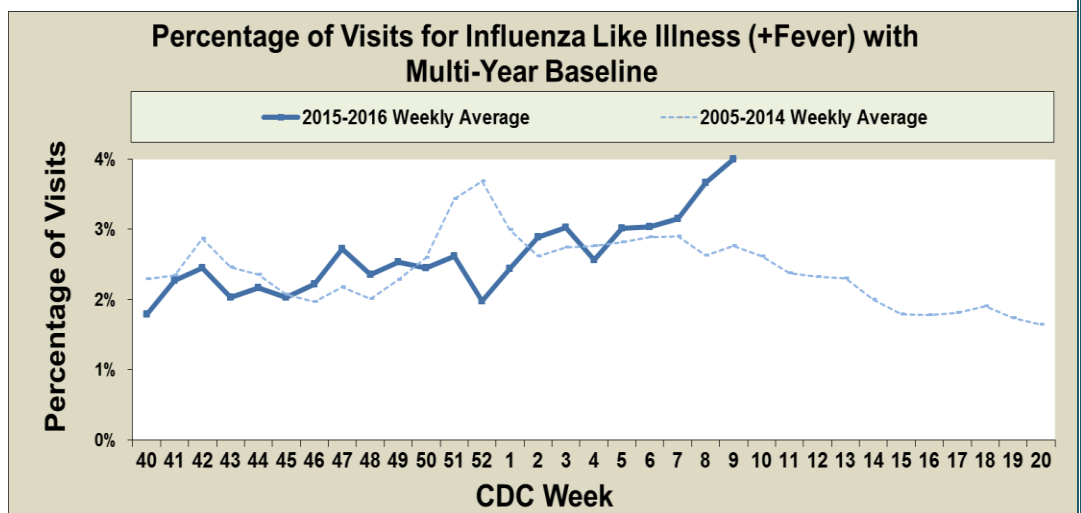
◆ During week ten, ED and Stat Care visits for respiratory and constitutional syndrome decreased slightly, but remained above the multi-year baseline.



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



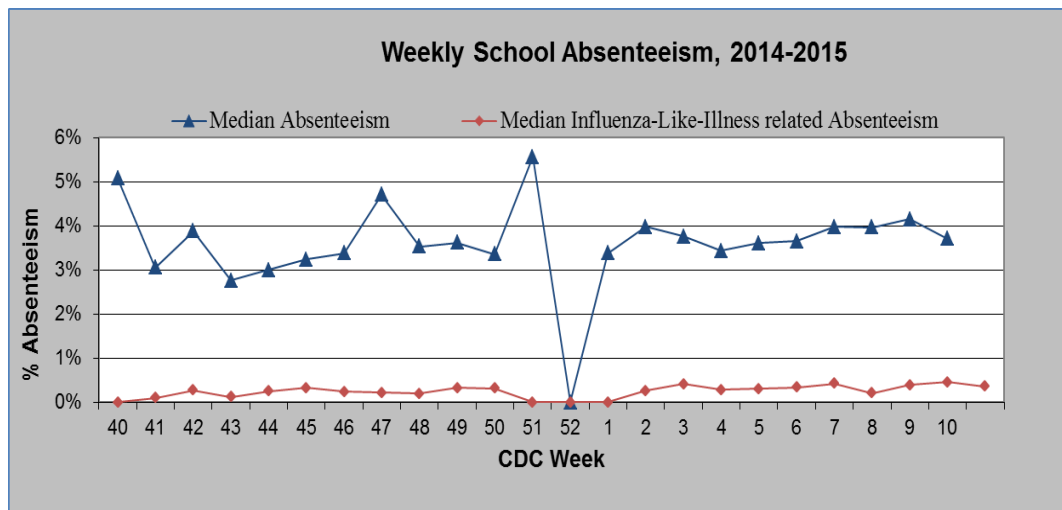
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Graph 5: Stark County School Absenteeism.

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

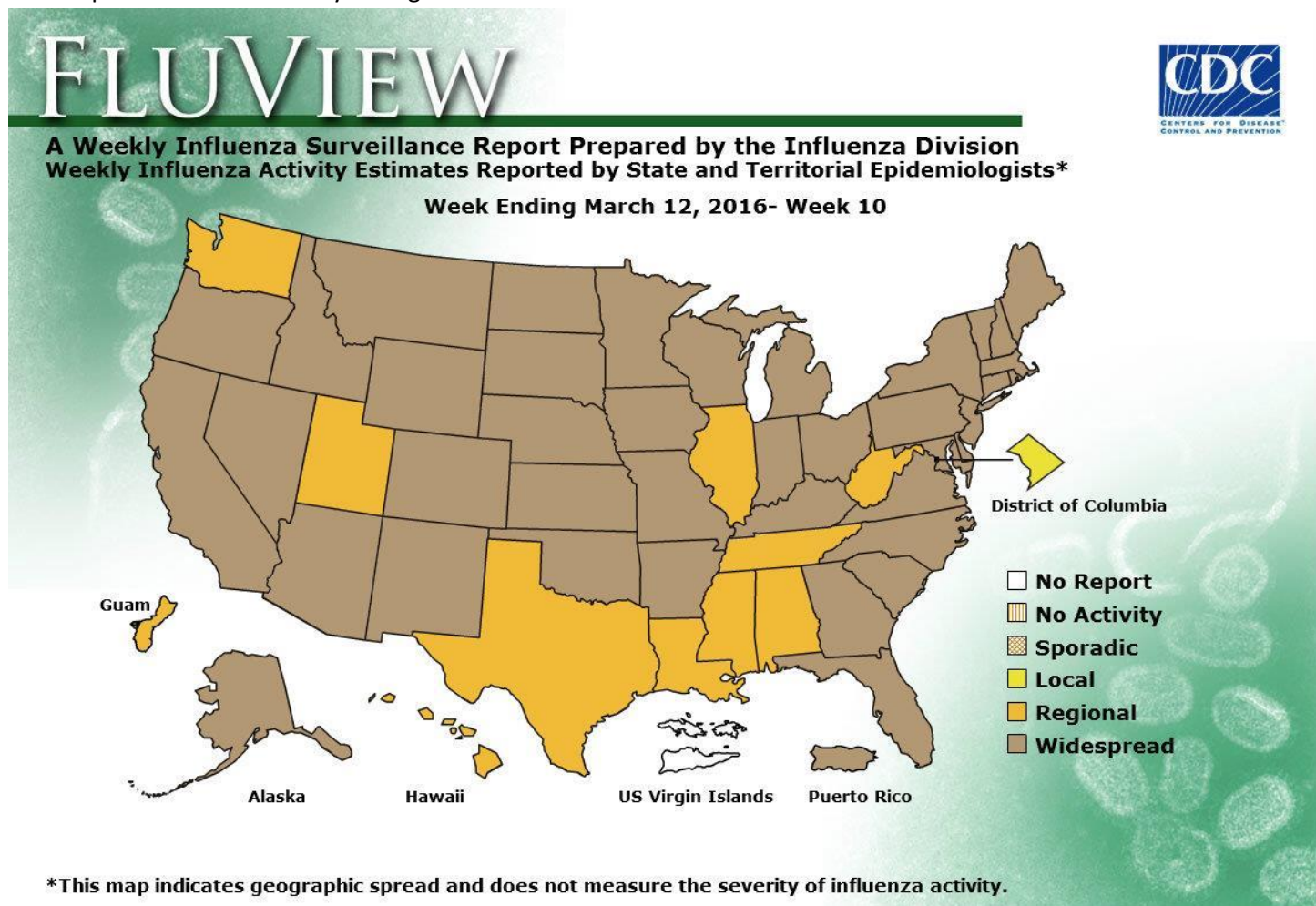
- ◆ During week ten the overall median absenteeism and the median influenza-like-illness absenteeism both decreased.



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 ten, Ohio remained at widespread spread of influenza activity. Including Ohio, 39 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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