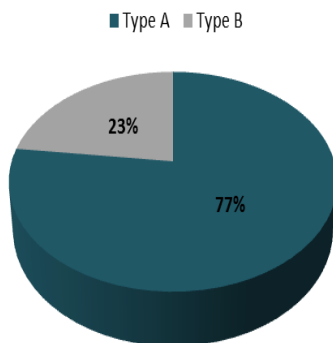


Stark County's Influenza Weekly Report

Week 1 (1/3/16-1/9/16)

Influenza In Stark County by Type (2015-2016)



Fourteen Weeks into the Season

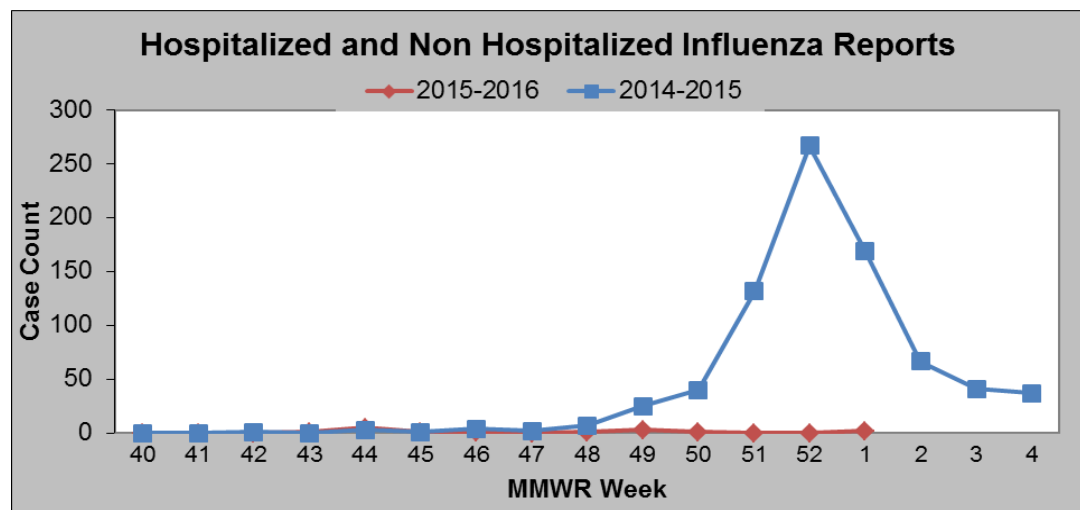
- During week 1 Stark County had zero influenza-associated hospitalizations. The total remained at four influenza-associated hospitalizations.
- In Stark County, 50% of influenza-hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 1.5 per 100, 000 population.
- So far this year, 966 influenza A specimens were collected and tested by public health laboratories, 43.6% subtyped as the 2009 H1N1 virus, 49.7% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 128 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, 32 specimens have been characterized nationally as Influenza B. Twenty-five were subtyped from the Yamagata Lineage leaving seven subtyped from the Victorian Lineage.
- During week 1, 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 6.4%. This is below the 7.0% epidemic threshold.
- Nationally, one influenza-associated pediatric death was reported during week 1. There have been seven pediatric deaths nationally so far this season.

Graph 1: Influenza Cases Reported to the Local Health Department.

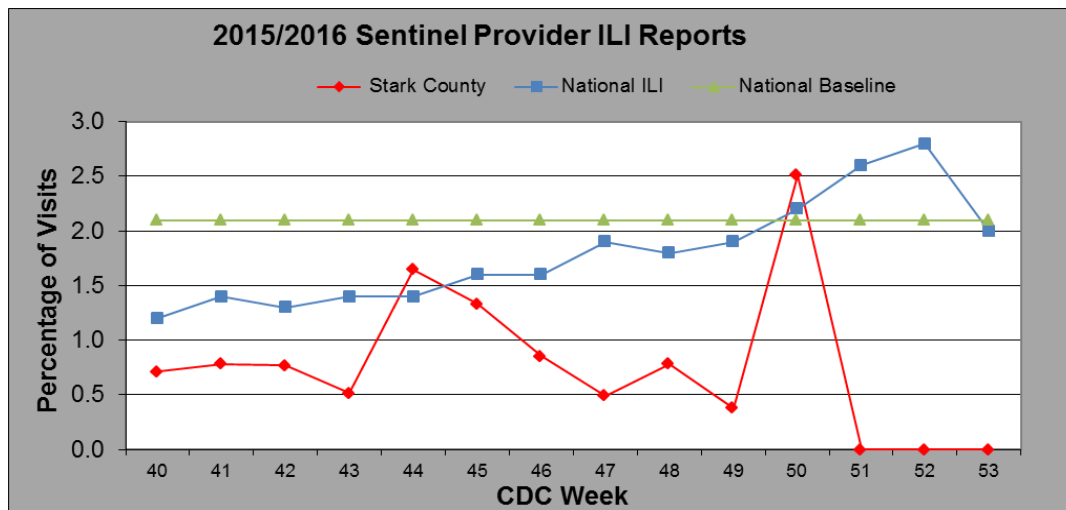
- ♦ During week 1 there were two reports of hospitalized and non-hospitalized influenza. This week last year had 169 reports.
- ♦ This year's reports total at 15 cases. The total number of reports for this week last year was 651.



* 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.

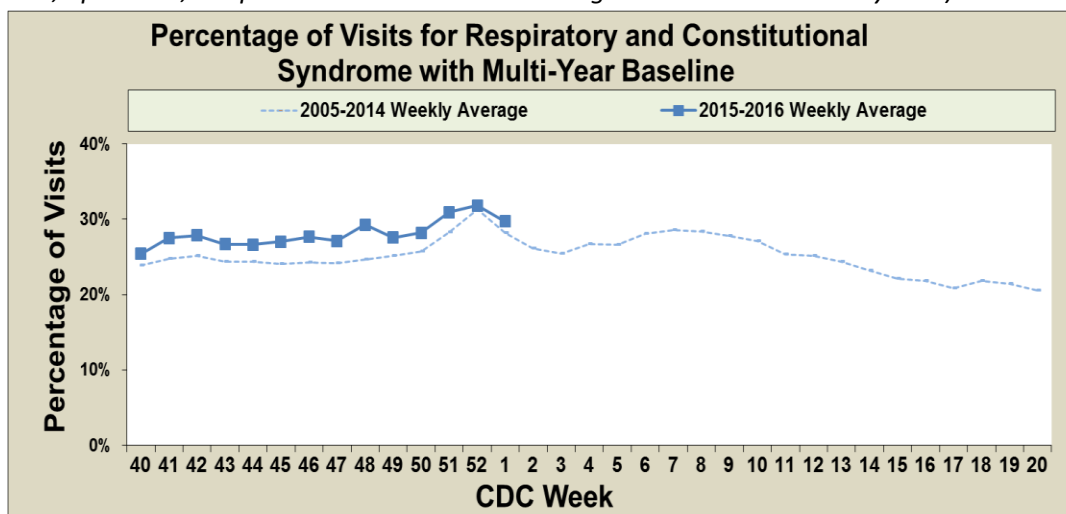
- ◆ National Sentinel provider influenza-like illness (ILI) reports decreased below the baseline during week 1. There were zero reports in Stark County for the third week in a row.



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

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

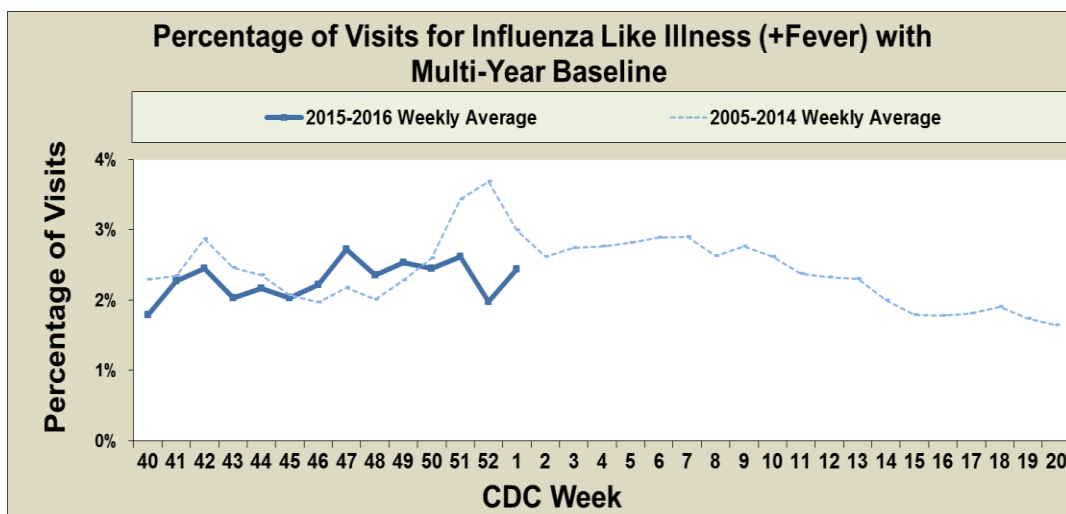
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome slightly decreased, but remained above the multi-year baseline during week 1.



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 1, but remained below the multi-year baseline.

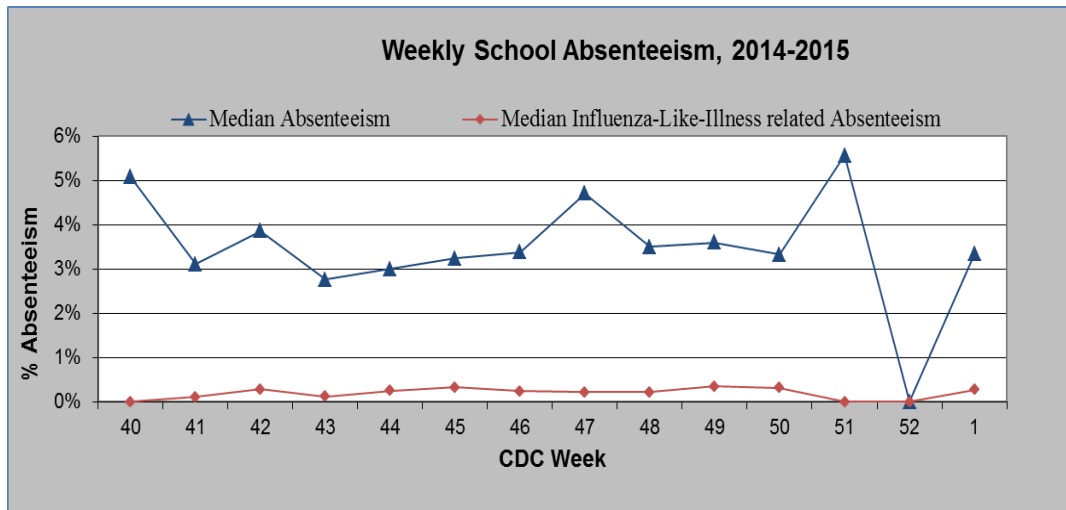


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Graph 5: Stark County School Absenteeism.

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

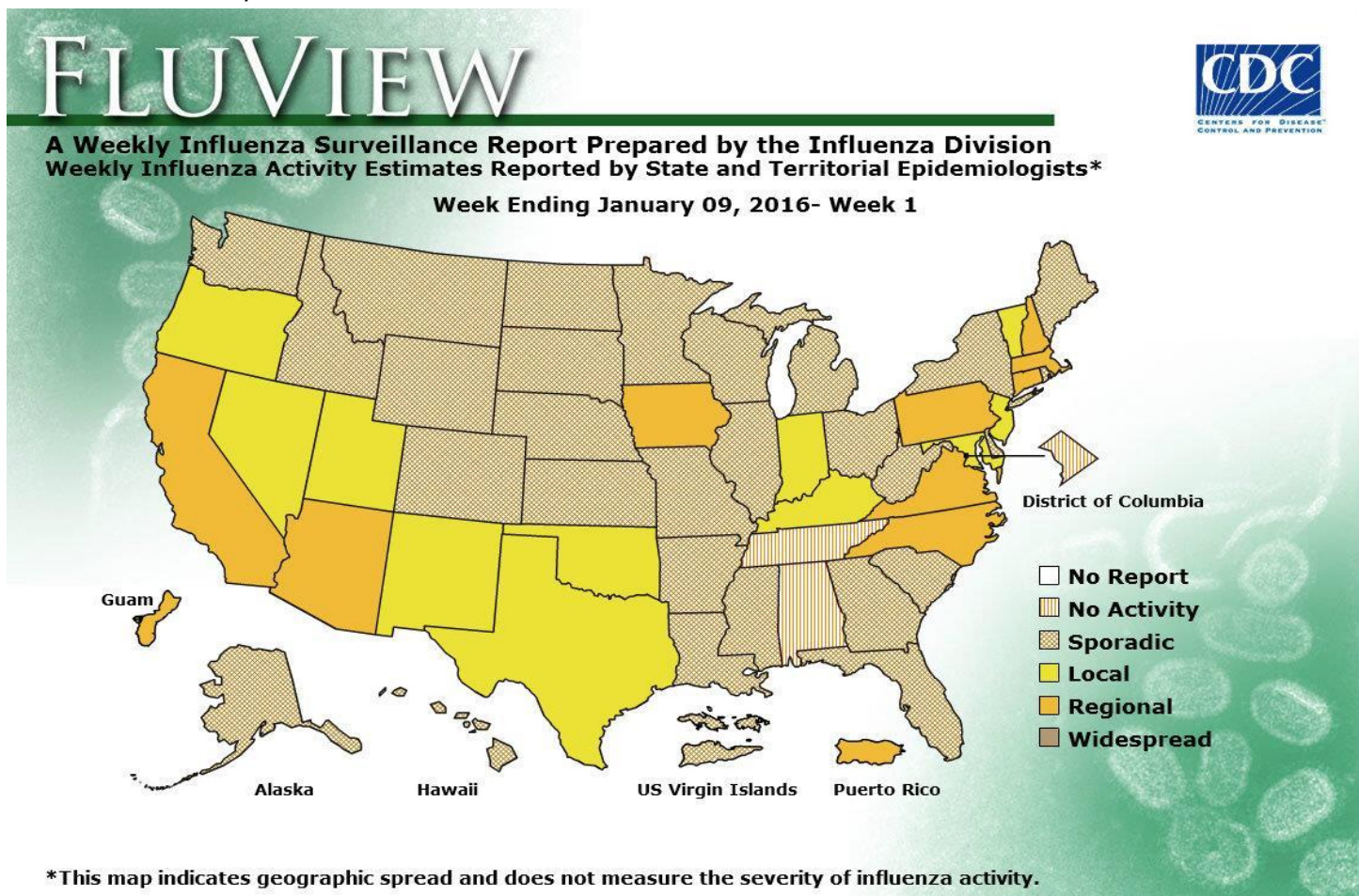
◆ During week 1, median absenteeism was below the level reported prior to the schools' holiday break occurring during week 52. Median ILI absenteeism however, rose above the number reported prior to the holiday break occurring during week 52.



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 1, Ohio continued to have sporadic influenza activity. The District of Columbia and two states reported no influenza activity.



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

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