

Stark County's Influenza Weekly Report

Week 2 (1/10/16-1/16/16)

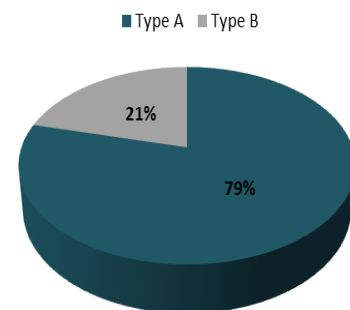
During this Week of the Flu Season:

- During week 2, Stark County had two influenza-associated hospitalizations. The total remained at eight influenza-associated hospitalizations.
- In Stark County, 25% of influenza-associated hospitalizations were 65 years of age or older.
- During week 2, 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 7.6%. This is above the 7.1% epidemic threshold.
- Nationally, zero influenza-associated pediatric deaths were reported during week 2. There have been seven pediatric deaths nationally so far this season.

So Far this Flu Season:

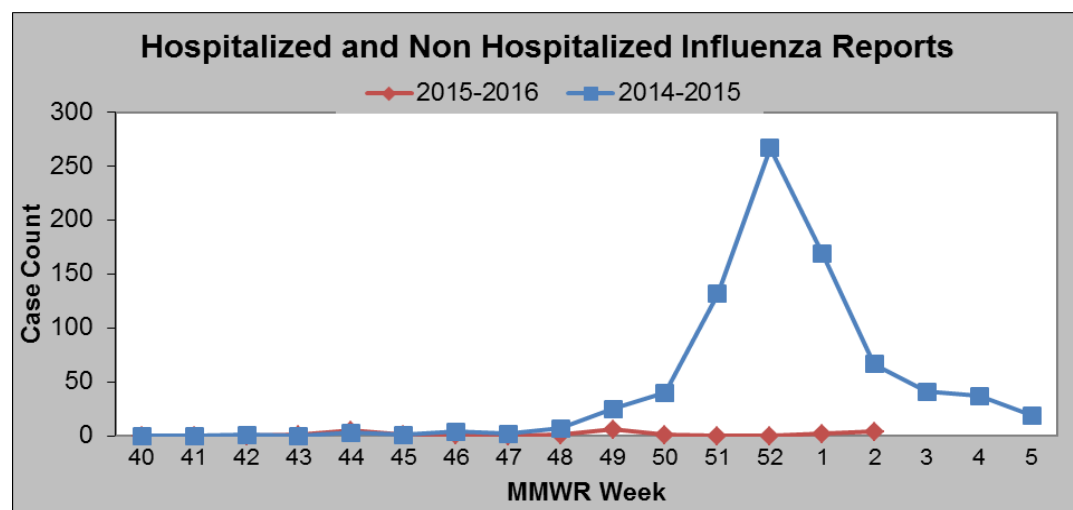
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 1.8 per 100, 000 population.
- So far this year, 1,244 influenza A specimens were collected and tested by public health laboratories, 47.5% subtyped as the 2009 H1N1 virus, 44.9% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 135 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, 50 specimens have been characterized nationally as Influenza B. Twenty-five were subtyped from the Yamagata Lineage leaving twenty-five subtyped from the Victorian Lineage.

Influenza In Stark County by Type (2015-2016)



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

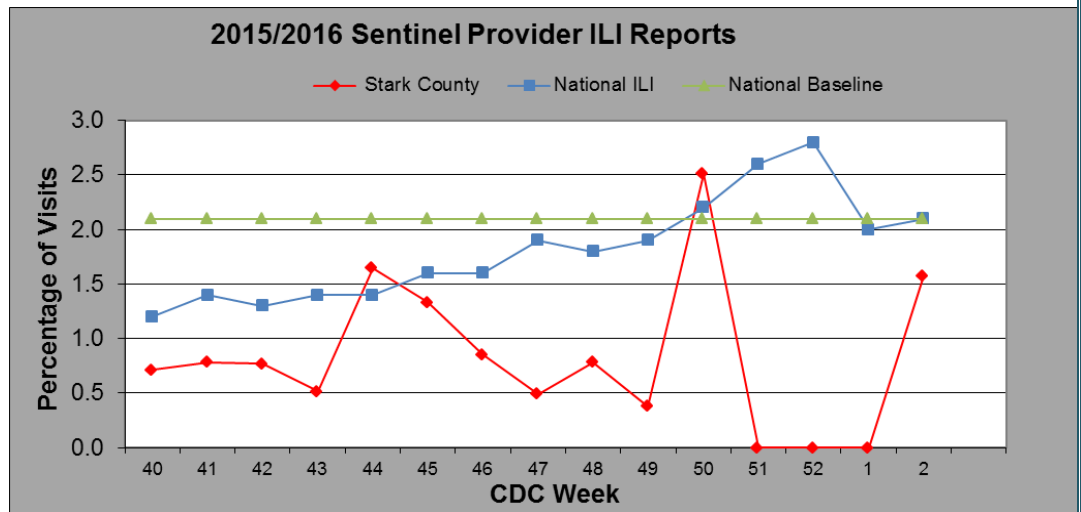
- ◆ During week 2 there were two reports of hospitalized and non-hospitalized influenza. This week last year had 67 reports.
- ◆ This year's reports total at 22 cases. The total number of reports for this week last year was 718.



* 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.

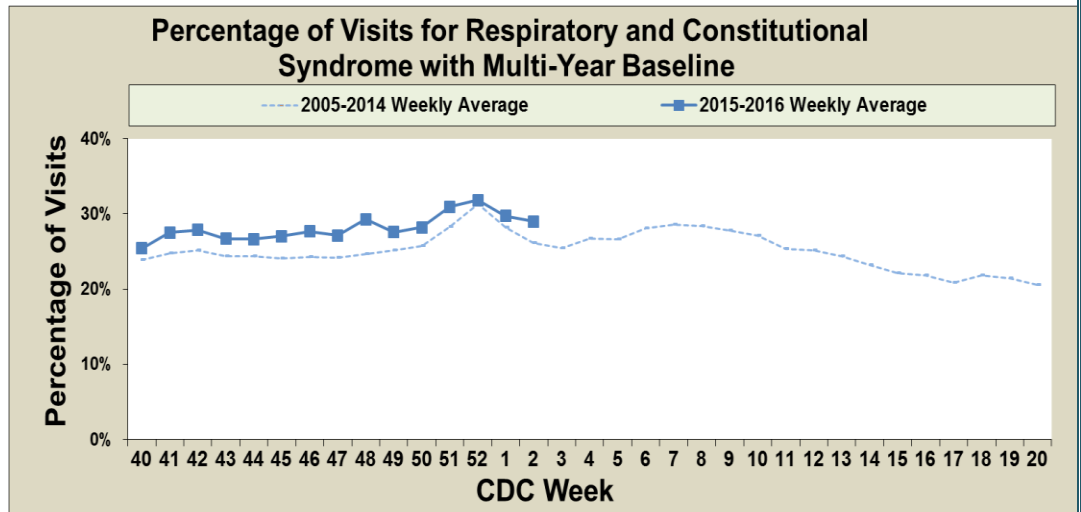
- ◆ National Sentinel provider influenza-like illness (ILI) reports decreased increased up to the baseline during week 2. Reports increased for Stark County during week 2, but remained below the baseline.



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

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

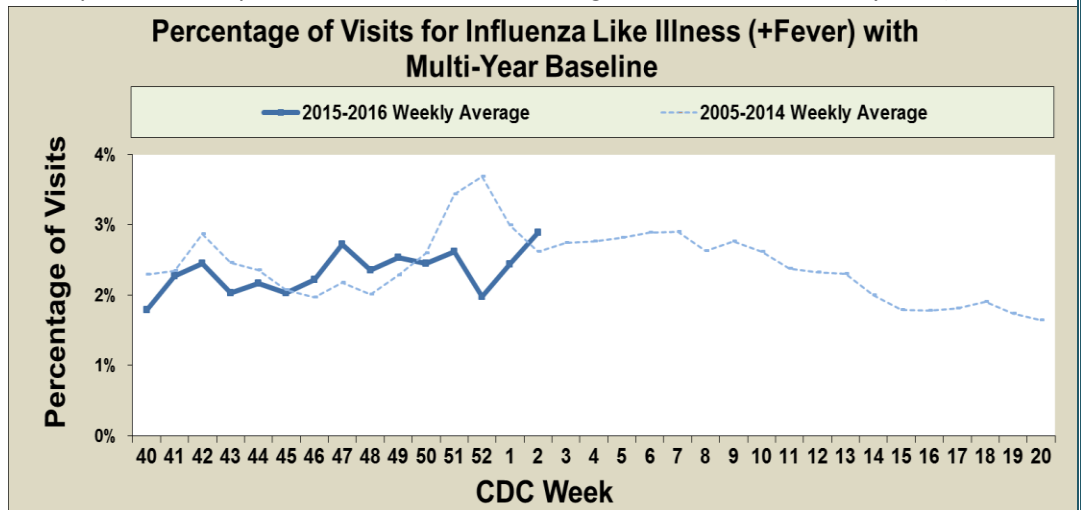
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome slightly decreased, but remained above the multi-year baseline during week 2.



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 2, and rose back above the multi-year baseline.

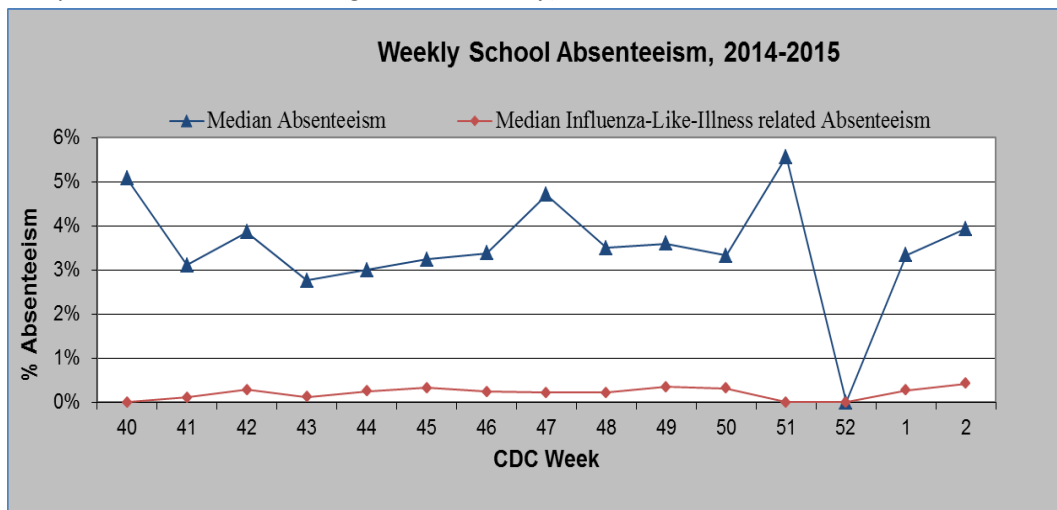


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Graph 5: Stark County School Absenteeism.

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

- ◆ During week 2, both the overall median absenteeism and the median influenza-like-illness absenteeism increased from week 1.



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)

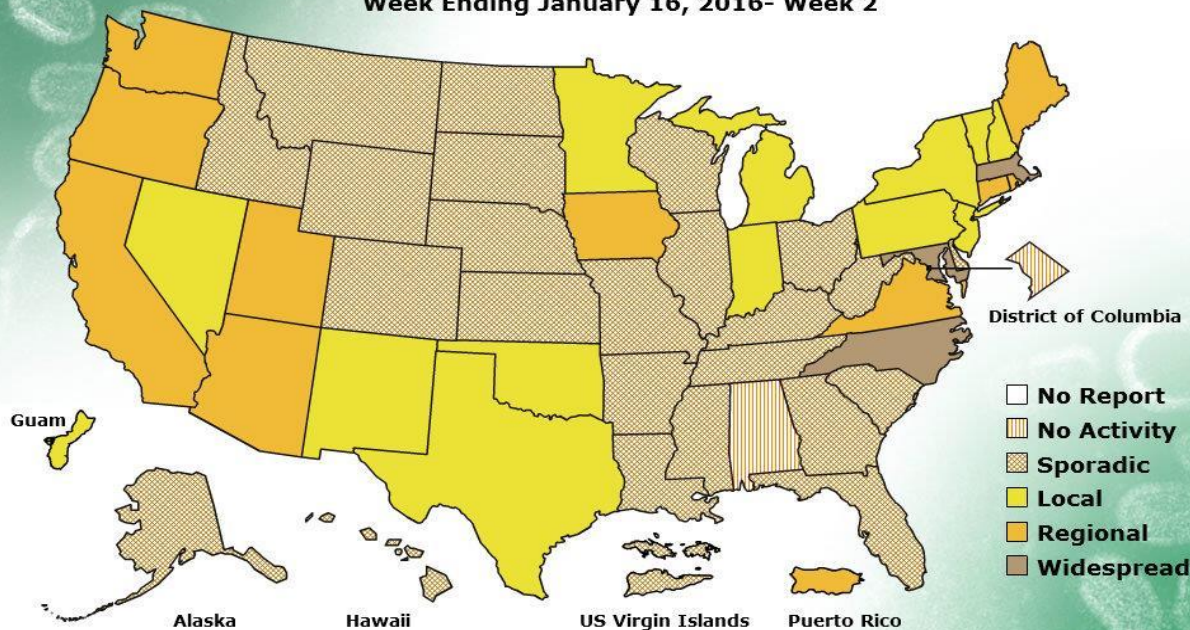
- ◆ During week 2, Ohio continued to have sporadic influenza activity. The District of Columbia and Alabama were the only locations in the United States to report no influenza activity.

FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

Week Ending January 16, 2016- Week 2



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

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