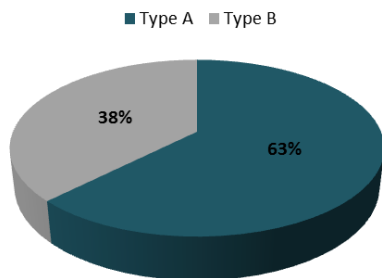


Stark County's Influenza Weekly Report

Week 46 (11/15/15-11/21/15)

Influenza In Stark County by Type (2015-2016)



Seven Weeks into the Season

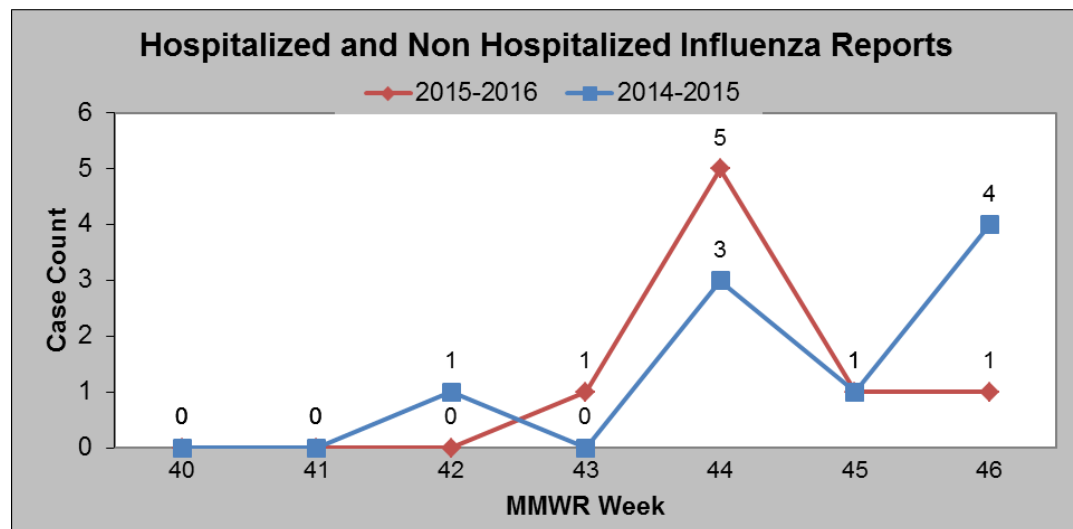
- During week 46 Stark County had zero influenza-associated hospitalizations. The total remained at four influenza-associated hospitalizations.
- In Stark County, 50% of influenza-hospitalizations were 65 years of age or older.

The following information in this section remains the same as Week 45 and will be updated as the data becomes available.

- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100,000 population is still not available yet this season.
- So far this year, 252 influenza A specimens were collected and tested by public health laboratories, 14.3% subtyped as the 2009 H1N1 virus, 80.3% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 252 of the influenza A (H3N2) viruses collected were antigenetically characterized prior to October 1, 2015. Of those characterized, none were drifted (significantly different) that this year's influenza vaccine.
- Of the 71 specimens characterized nationally as Influenza B, 44 subtyped from the Yamagata Lineage and 27 subtyped from the Victorian Lineage.
- During week 46, 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 5.3%. This is below the 6.3% epidemic threshold.
- Nationally, one influenza-associated pediatric death was reported during week 45. This was the first case so far this season.

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

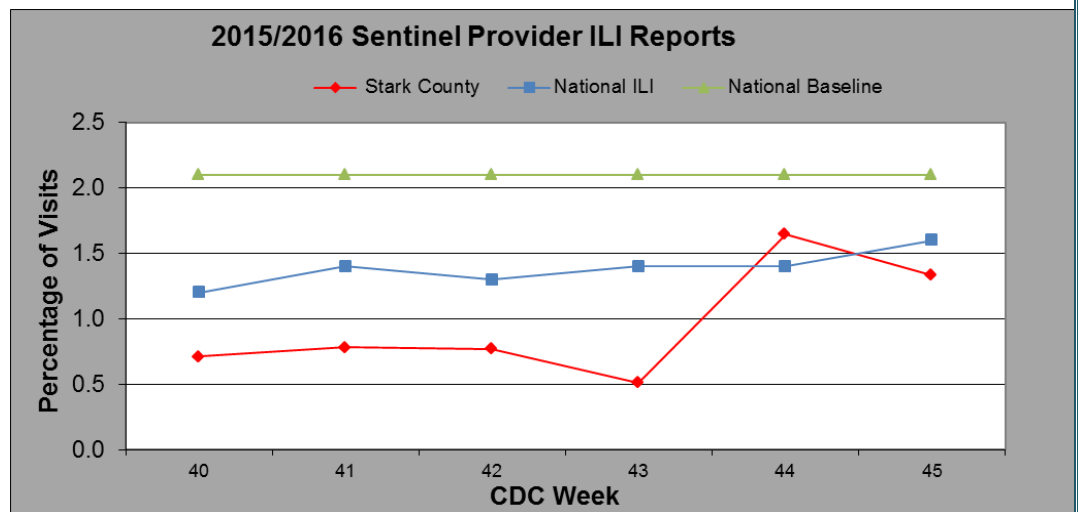
- ◆ During week 46 there was a total of one report of hospitalized and non-hospitalized influenza. This week last year had four reports.
- ◆ This year's reports total at eight cases. The total number of reports for this week last year was nine.



* 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.

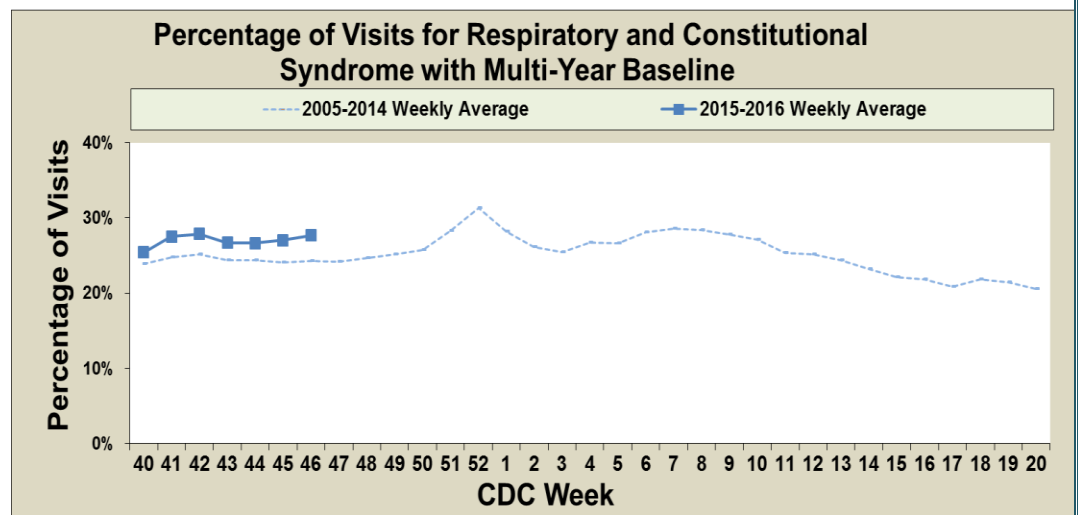
Graph 2: Sentinel Provider Reported Influenza Like Illness (ILI) in Stark County.

◆ Sentinel provider influenza-like illness (ILI) reports for Stark County were at zero for week 46. In addition, the National ILI percentage of visits has not been reported yet. This graph will be updated as the data becomes available.



Graph 3: Emergency Department Visits for Respiratory and Constitutional Syndromes.
(Source: Health Monitoring Systems, EpiCenter, Hospital and Stat Care Patient Registration Surveillance System)

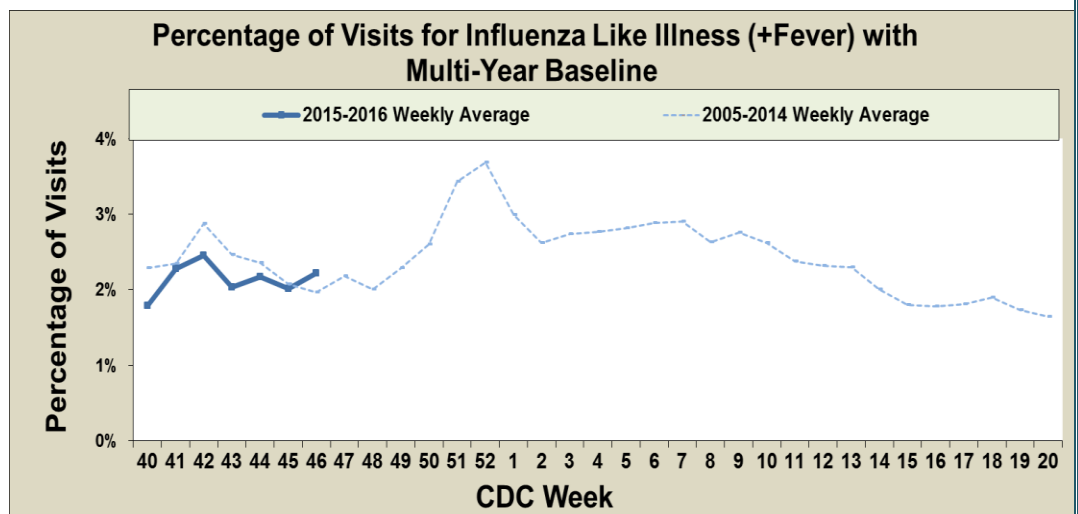
◆ ED and Stat Care visits for respiratory and constitutional syndrome increased again and remained above the multi-year baseline during week 46.



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 to above the multi-year baseline during week 46.

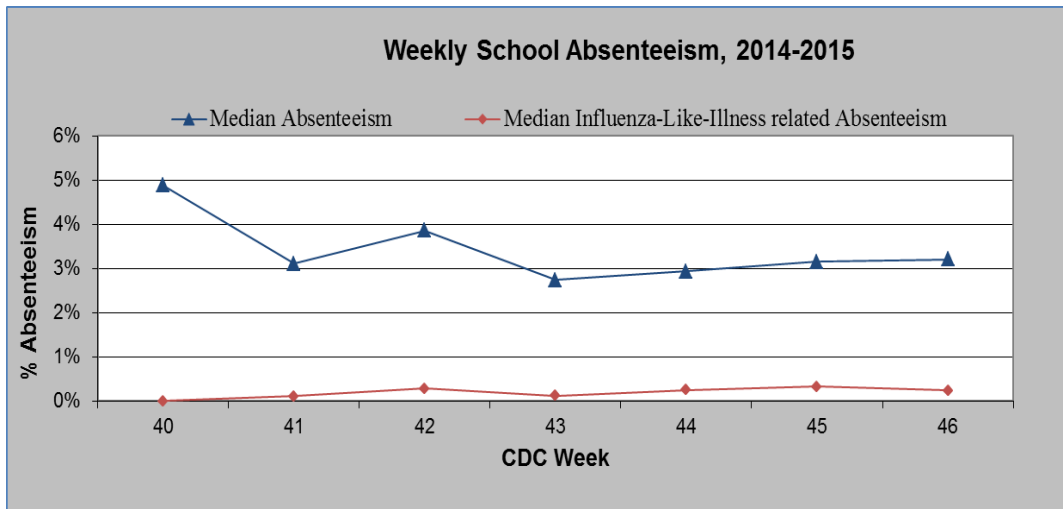


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Graph 5: Stark County School Absenteeism.

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

◆ The median absenteeism for influenza-like-illness slightly decreased slightly during week 46 and remained well below 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)

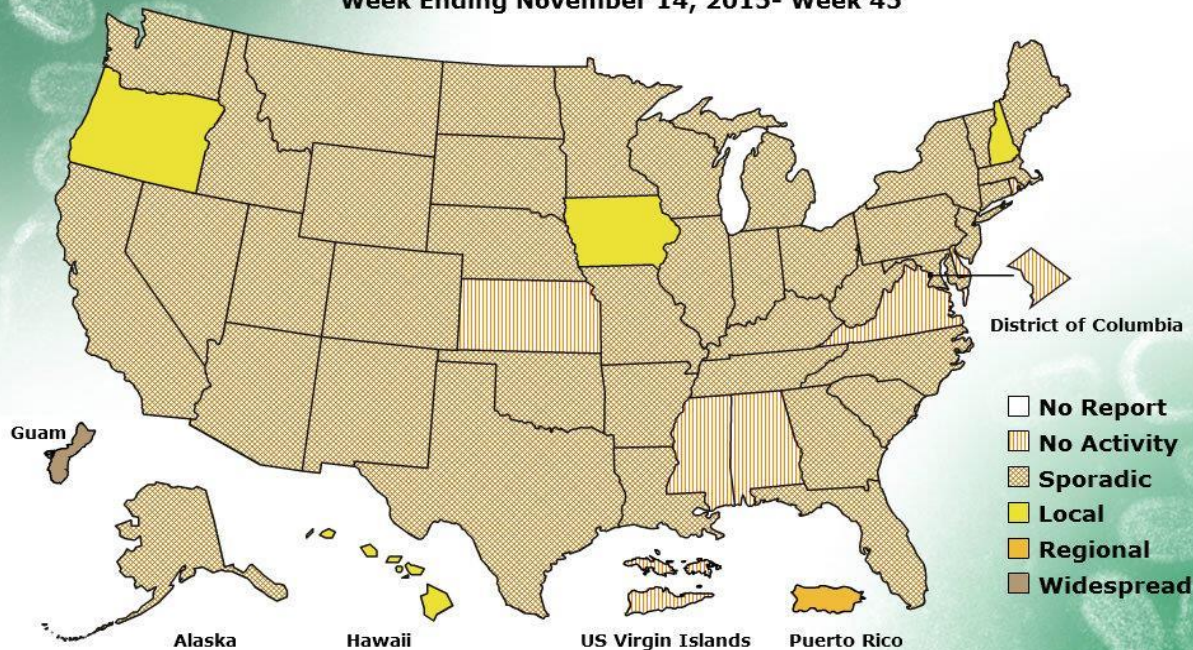
◆ Week 46 data is unavailable at this time. During week 45, Ohio continued to have sporadic influenza activity. Six states had no influenza activity reported.

FLUVIEW



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

Week Ending November 14, 2015- Week 45



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

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* Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.