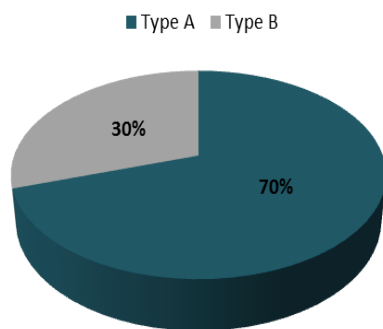


Stark County's Influenza Weekly Report

Week 47 (11/22/15-11/28/15)

Influenza In Stark County by Type (2015-2016)



Eight Weeks into the Season

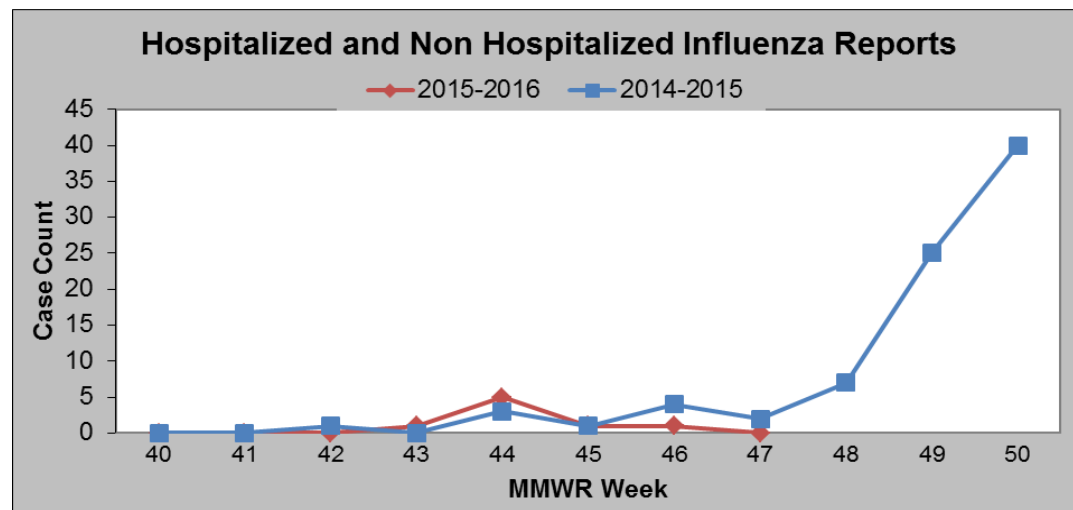
- During week 47 Stark County had zero influenza-associated hospitalizations. The total remained at four influenza-associated hospitalizations.
- In Stark County, 50% of influenza-hospitalizations were 65 years of age or older.
- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100,000 population is still not available yet this season.
- So far this year, 333 influenza A specimens were collected and tested by public health laboratories, 16.5% subtyped as the 2009 H1N1 virus, 78.7%

subtyped as the H3 virus, and the rest were not subtyped.

- Nationally, 43 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, one specimen has been characterized nationally as Influenza B and it was subtyped from the Yamagata Lineage leaving zero subtyped from the Victorian Lineage.
- During week 47, 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 6.1%. This is below the 6.5% epidemic threshold.
- Nationally, zero influenza-associated pediatric deaths were reported during week 47. There have been two pediatric deaths so far this season.

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

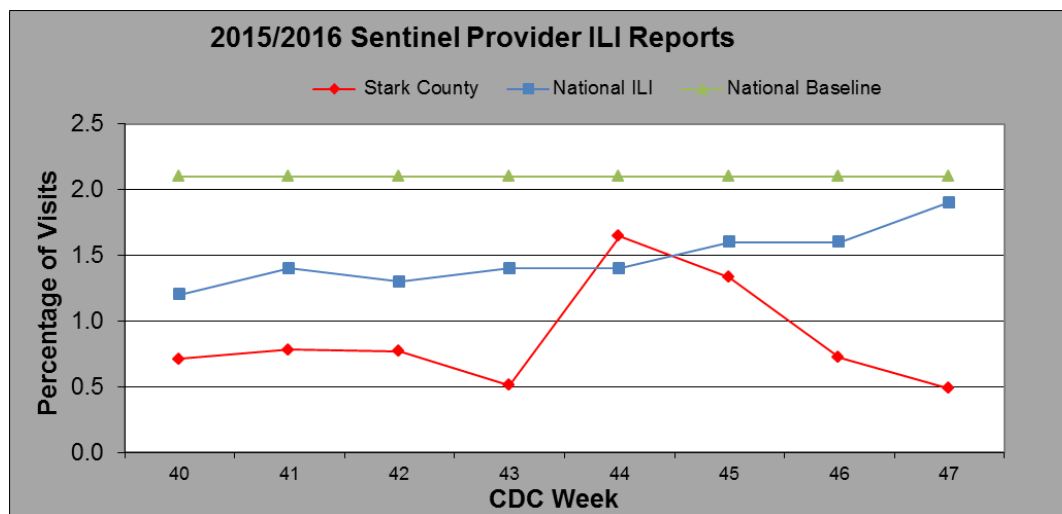
- ◆ During week 47 there was a zero reports of hospitalized and non-hospitalized influenza. This week last year had two reports.
- ◆ This year's reports total at eight cases. The total number of reports for this week last year was eleven.



- * 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.

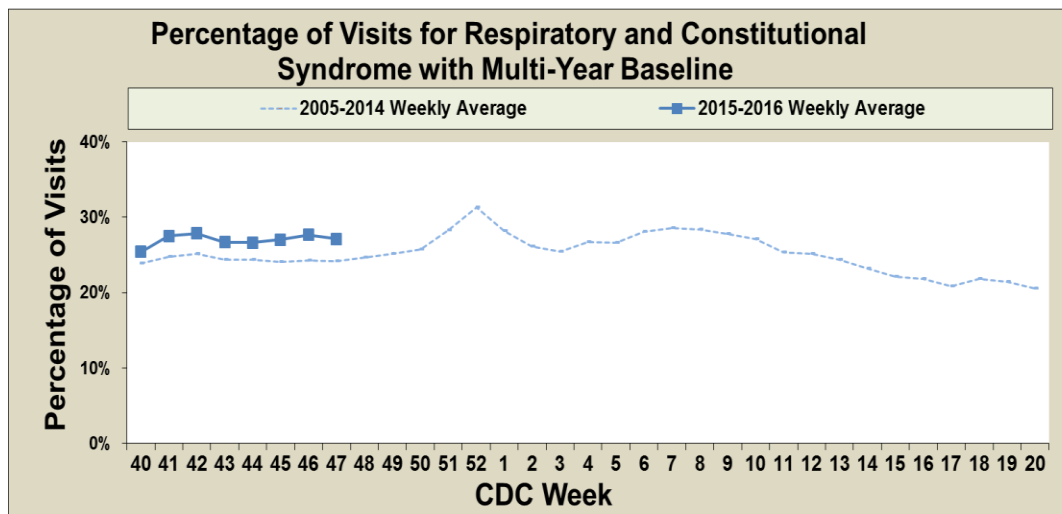
◆ Sentinel provider influenza-like illness (ILI) reports for Stark County decreased during week 47 and remained below the national percentage as well as the baseline.



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

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

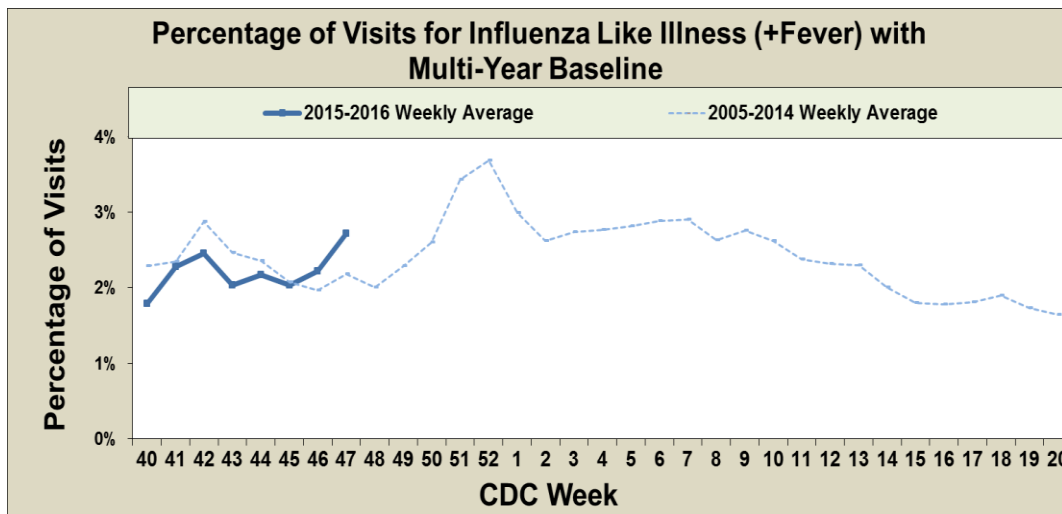
◆ ED and Stat Care visits for respiratory and constitutional syndrome slightly decreased and remained above the multi-year baseline during week 47.



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 above the multi-year baseline during week 47.

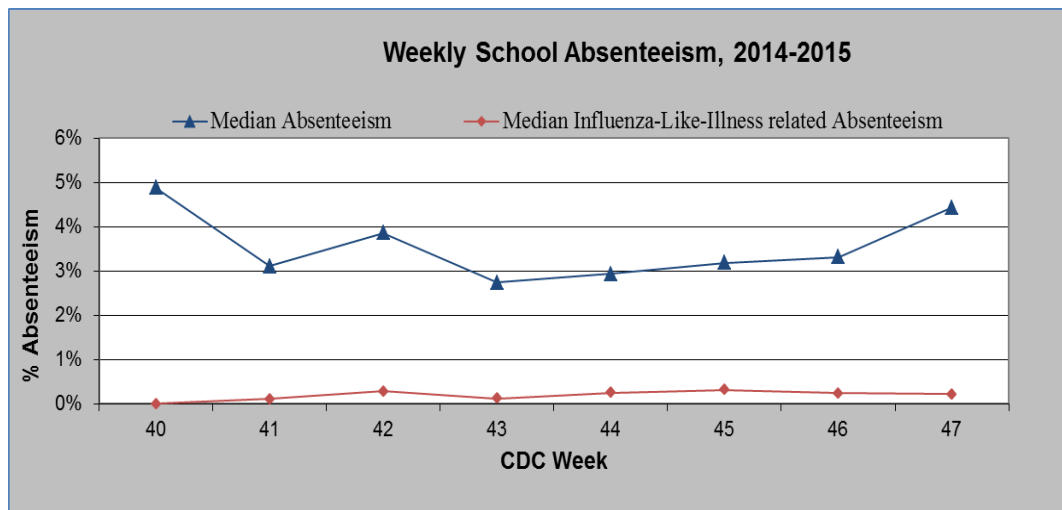


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Graph 5: Stark County School Absenteeism.

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

◆ The median absenteeism for influenza-like-illness slightly decreased slightly during week 47 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)

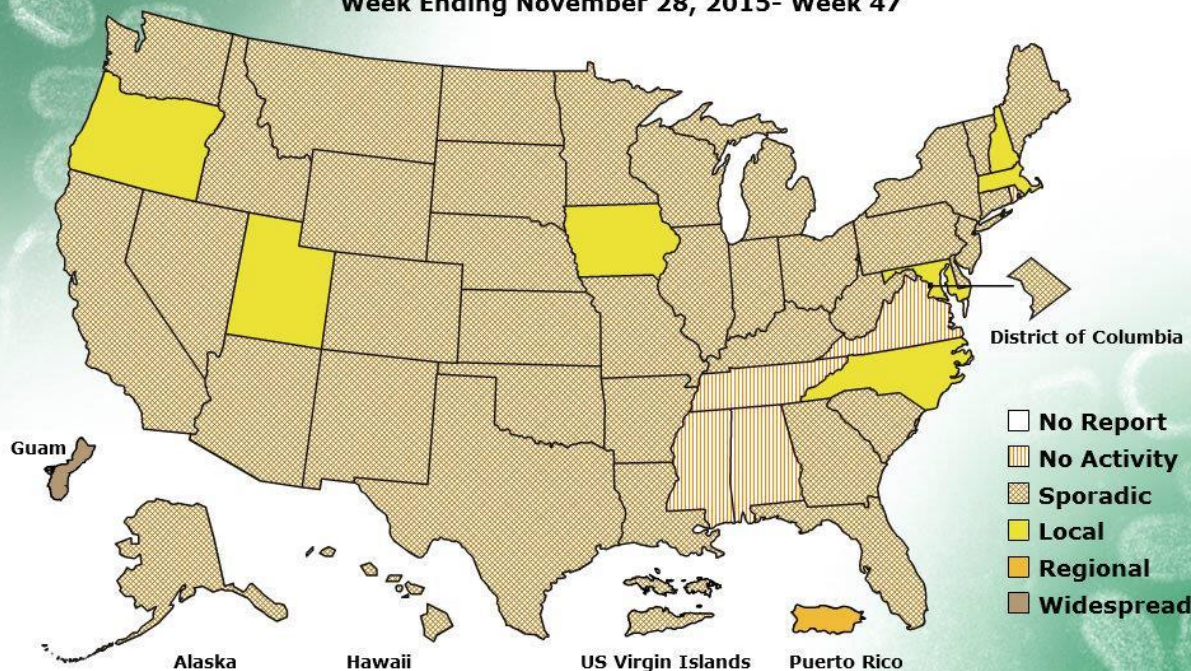
◆ During week 47, Ohio continued to have sporadic influenza activity. Five states had no influenza activity reported.

FLUVIEW



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

Week Ending November 28, 2015- Week 47



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

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