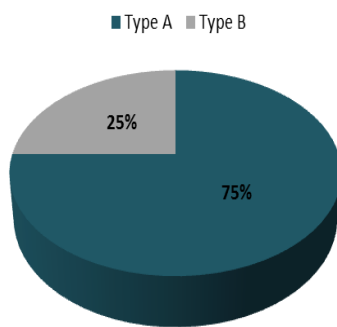


Stark County's Influenza Weekly Report

Week 49 (12/6/15-12/12/15)

Influenza In Stark County by Type (2015-2016)



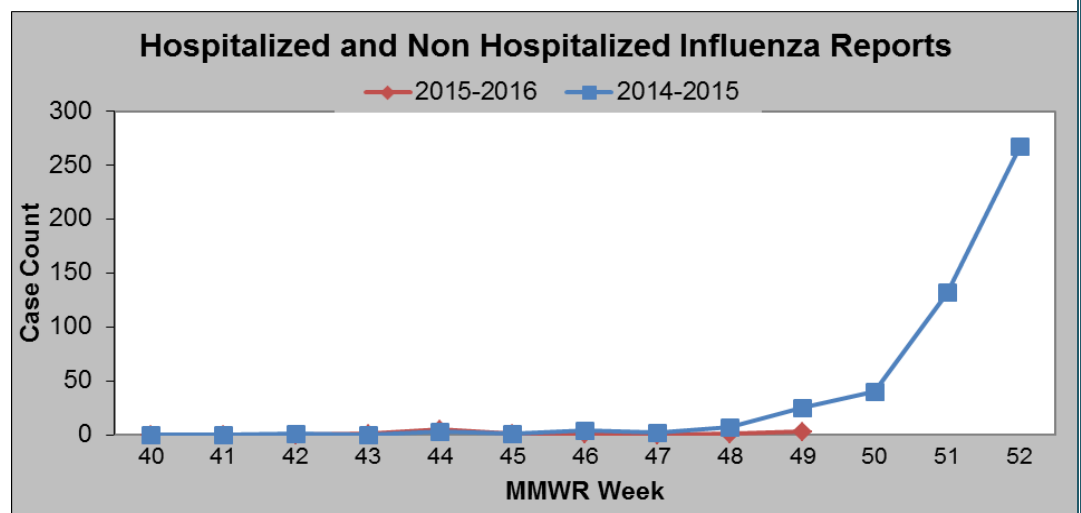
Ten Weeks into the Season

- During week 49 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, 467 influenza A specimens were collected and tested by public health laboratories, 22.3% subtyped as the 2009 H1N1 virus, 72.4% subtyped as the H3 virus, and the rest were not subtyped.

- Nationally, 100 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, 16 specimens have been characterized nationally as Influenza B. Nine were subtyped from the Yamagata Lineage leaving seven subtyped from the Victorian Lineage.
- During week 49, 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 6.0%. This is below the 6.7% epidemic threshold.
- Nationally, zero influenza-associated pediatric deaths were reported during week 49. There have been three pediatric deaths so far this season.

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

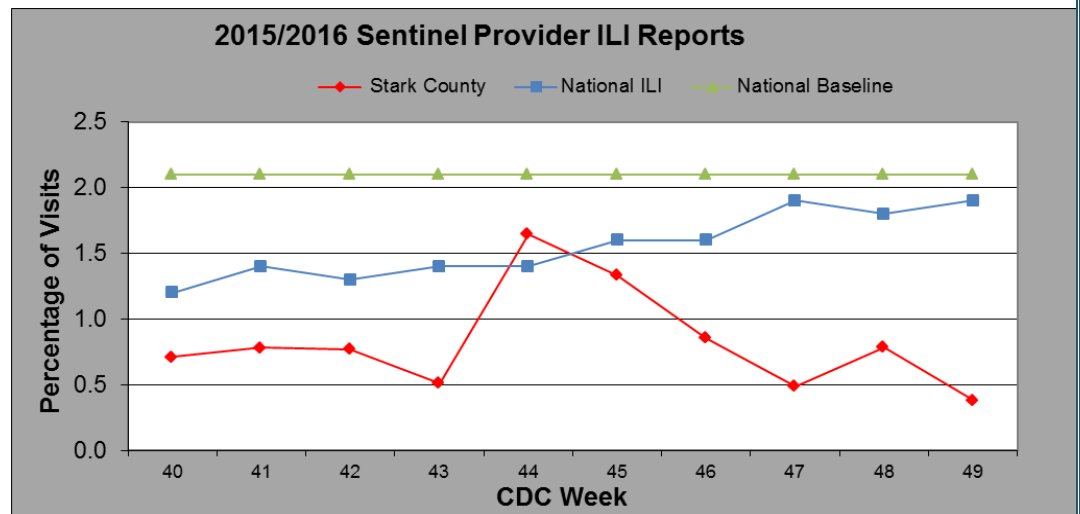
- ◆ During week 49 there was three reports of hospitalized and non-hospitalized influenza. This week last year had 25 reports.
- ◆ This year's reports total at 12 cases. The total number of reports for this week last year was 43.



* 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.

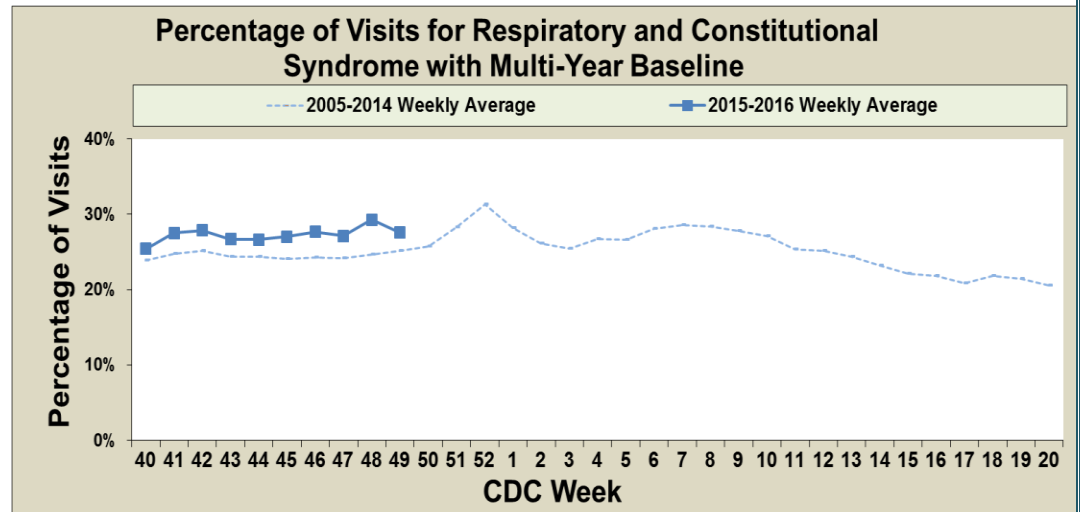
- ◆ Sentinel provider influenza-like illness (ILI) reports for Stark County increased during week 48, but decreased during week 49. The National ILI reports increased during week 49, but remained below the national baseline.



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

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

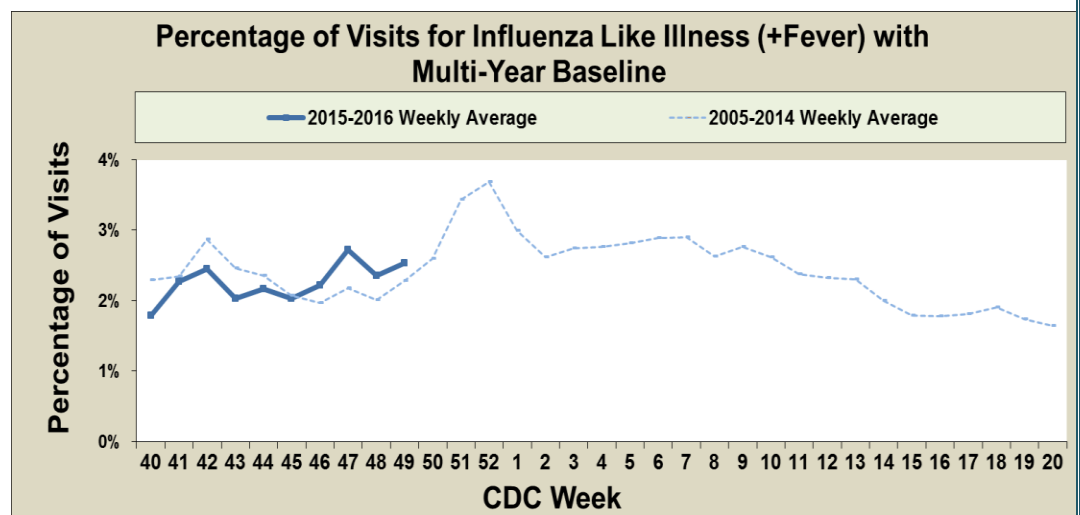
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome slightly decreased, but remained above the multi-year baseline during week 49.



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 slightly during week 49 and remained above the multi-year baseline.



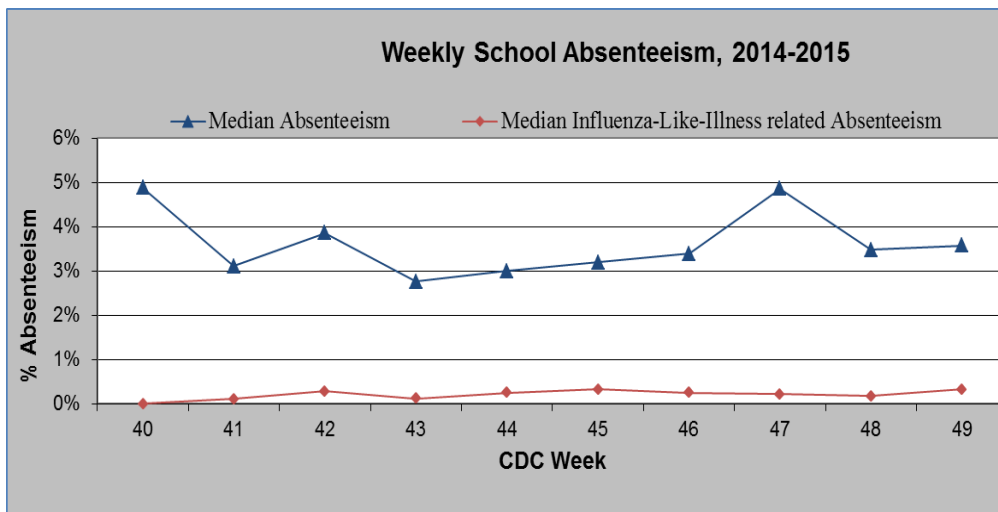
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Graph 5: Stark County School Absenteeism.

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

◆ Both the median absenteeism for influenza-like-illness and overall median absenteeism increased slightly during week 49. The median absenteeism for influenza-like-illness remained 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)

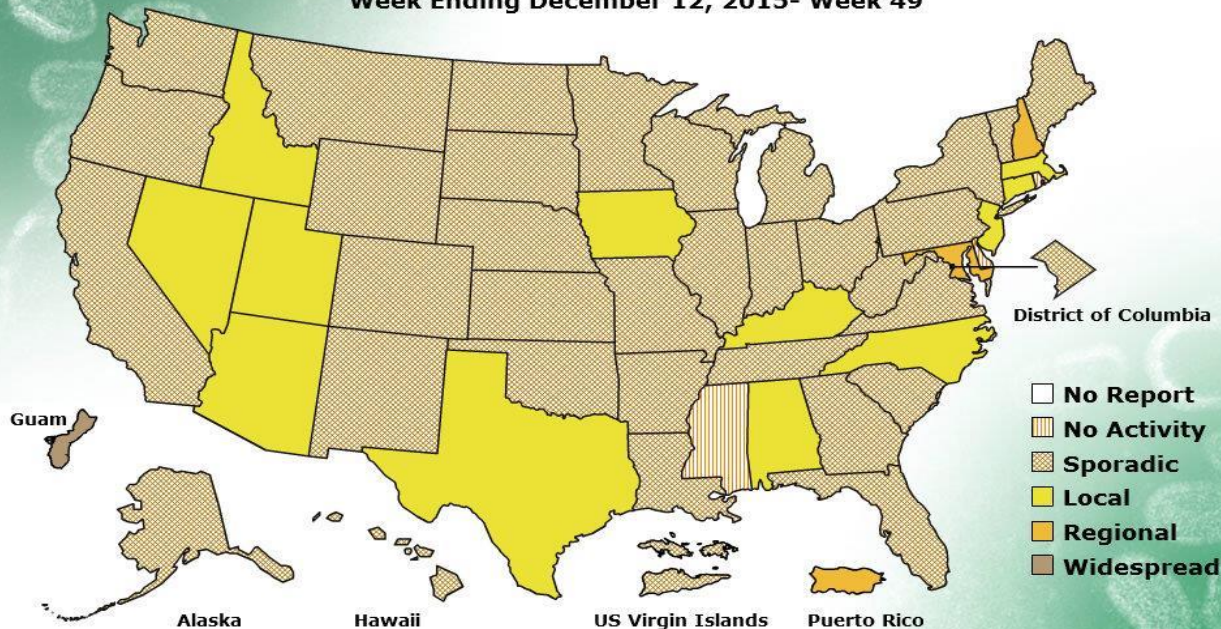
◆ During week 49, Ohio continued to have sporadic influenza activity. Three states had no influenza activity reported.

FLUVIEW



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

Week Ending December 12, 2015- Week 49



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

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