

Stark County's Influenza Weekly Report

Week 11 (3/13/16-3/19/16)

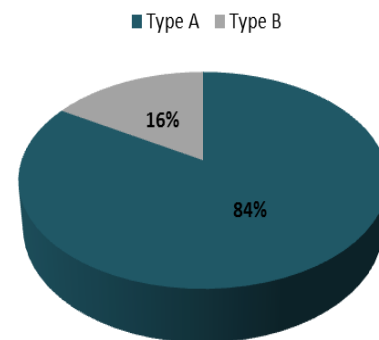
During this Week of the Flu Season:

- During week eleven, Stark County had 20 influenza-associated hospitalizations.
- During week eleven, 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 7.3%. This is above the 7.2% epidemic threshold.
- Nationally, two influenza-associated pediatric deaths were reported during week eleven.

So Far this Flu Season: 10/4/2015-present

- So far this season in Stark County there has been 83 influenza-associated hospitalizations.
- In Stark County, 51% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 18.2 per 100, 000 population.
- So far this year, 12,193 influenza A specimens were collected and tested by public health laboratories, 79.9% subtyped as the 2009 H1N1 virus, 18.1% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 324 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, 398 specimens have been characterized nationally as Influenza B. There were 239 subtyped from the Yamagata Lineage leaving 159 subtyped from the Victorian Lineage.
- There have been 30 pediatric deaths nationally so far this season.

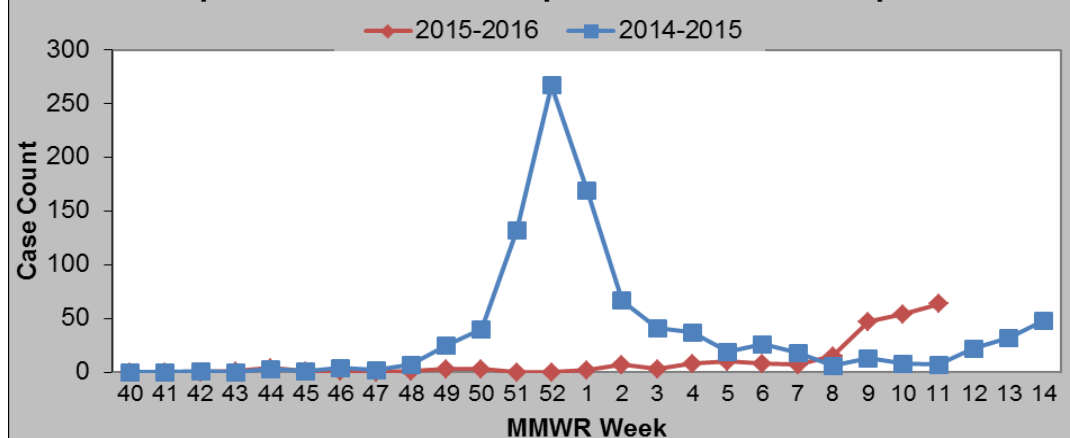
Influenza In Stark County by Type (2015-2016)



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

- ◆ During week eleven there were 64 reports of hospitalized and non-hospitalized influenza. This week last year had seven reports.
- ◆ This year's reports total at 239 cases. The total number of reports up to this week last year was 893.

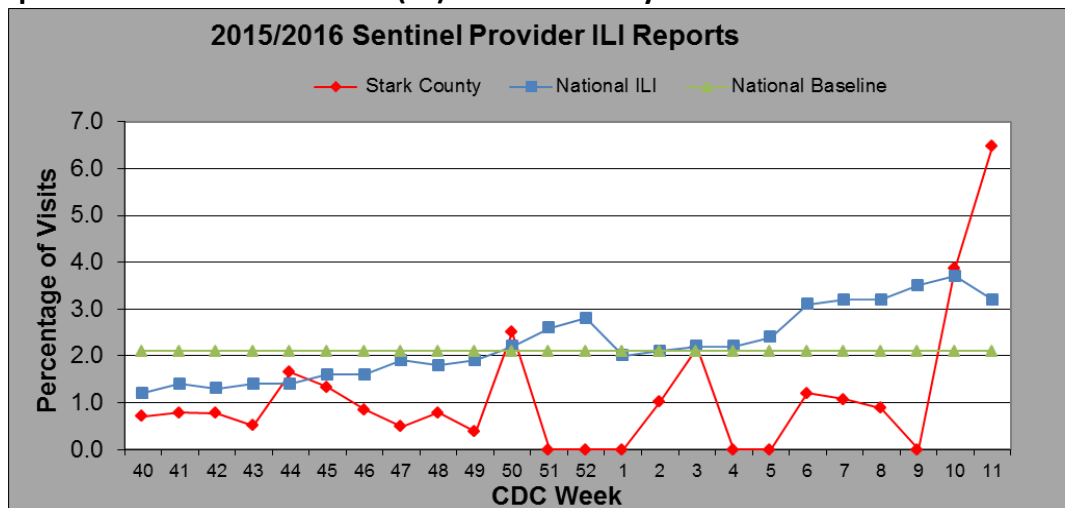
Hospitalized and Non Hospitalized Influenza Reports



* 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.

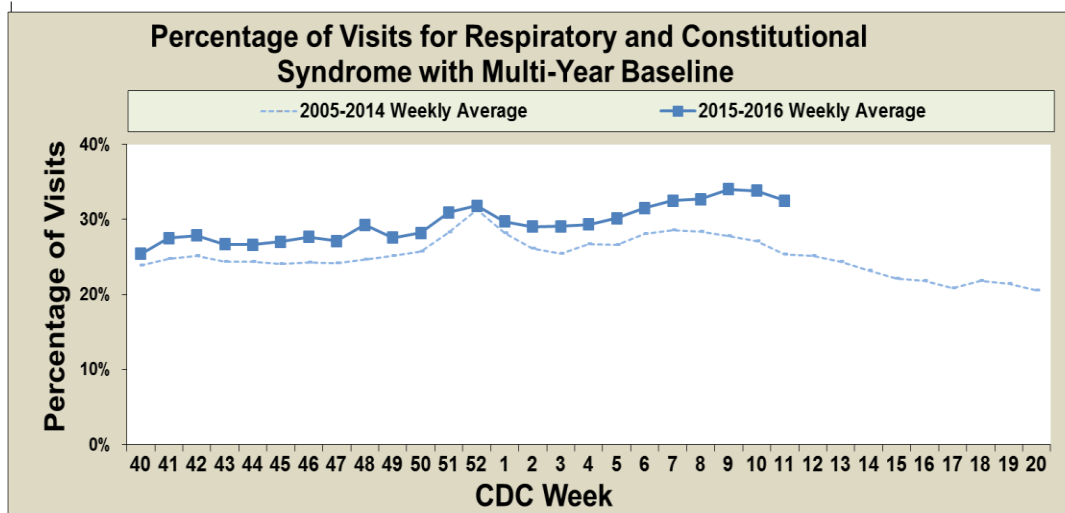
- ◆ During week eleven, the percentage of ILI visits from the Stark County sentinel providers jumped for the second week in a row. National percentage of reports decreased, but remained above baseline.



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

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

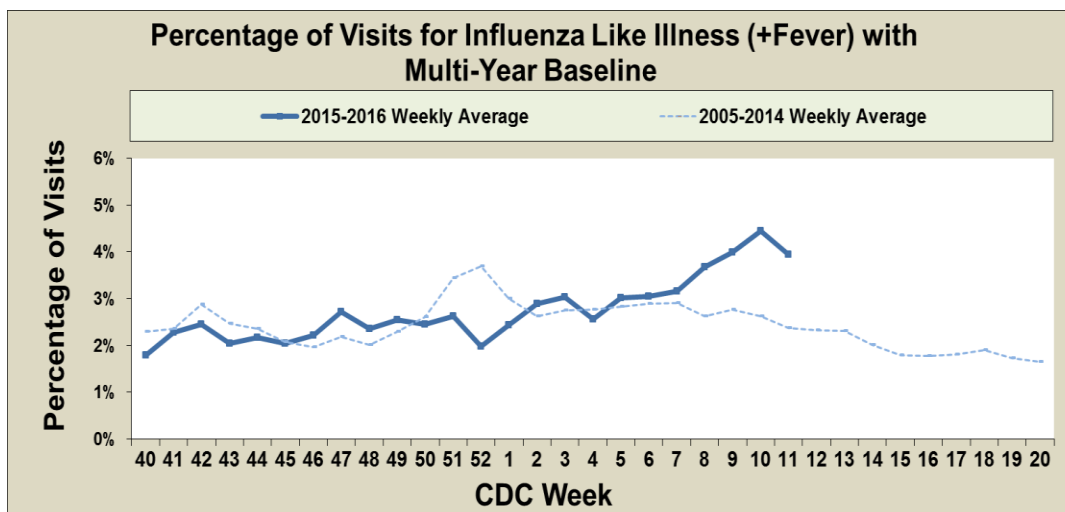
- ◆ During week eleven, ED and Stat Care visits for respiratory and constitutional syndrome decreased slightly, but remained above the multi-year baseline.



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 decreased during week eleven, but remained above the multi-year baseline.

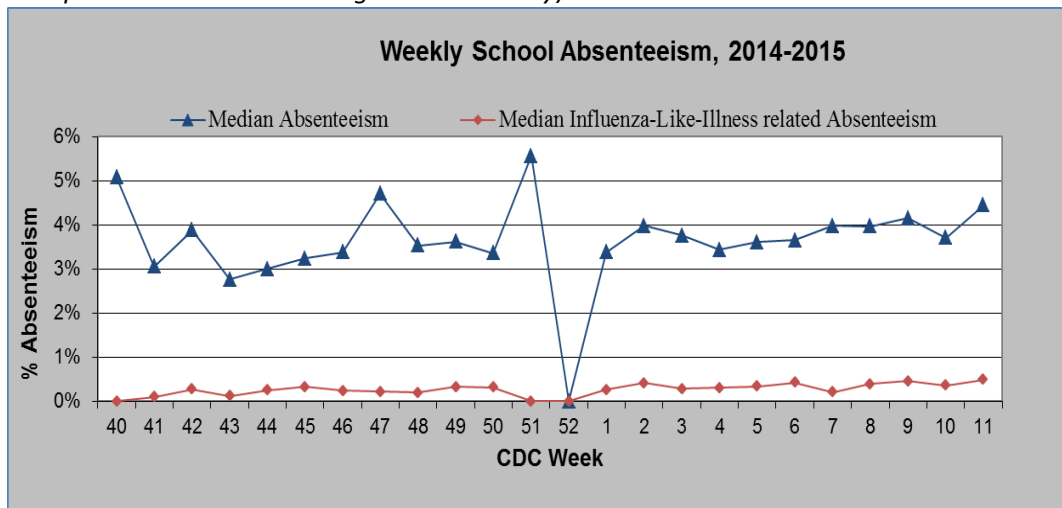


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Graph 5: Stark County School Absenteeism.

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

- ◆ During week eleven the overall median absenteeism and the median influenza-like-illness absenteeism both increased.



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)

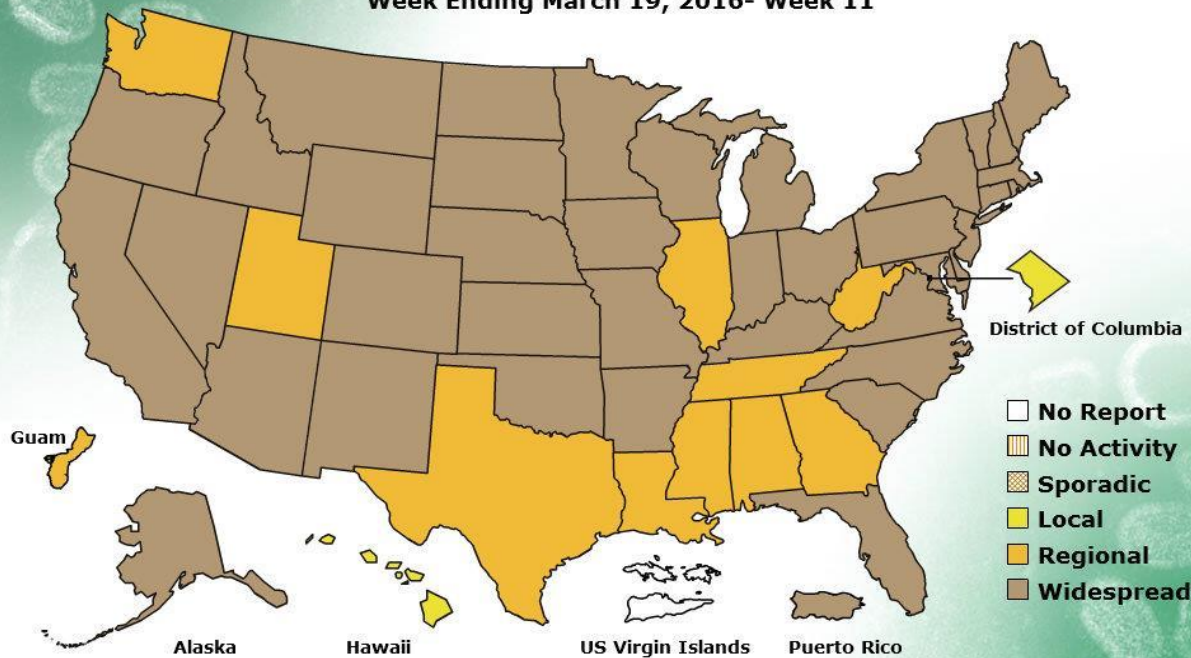
- ◆ During week eleven, Ohio remained at widespread spread of influenza activity. Including Ohio, 39 states reported widespread influenza activity during this week.

FLUVIEW



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

Week Ending March 19, 2016- Week 11



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

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