

Stark County's Influenza Weekly Report

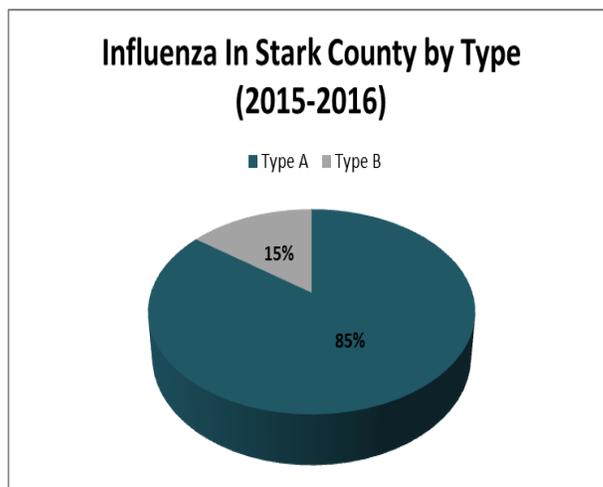
Week 12 (3/20/16-3/26/16)

During this Week of the Flu Season:

- During week twelve, Stark County had eleven influenza-associated hospitalizations.
- During week twelve, 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 7.7%. This is above the 7.2% epidemic threshold.
- Nationally, three influenza-associated pediatric deaths were reported during week twelve.

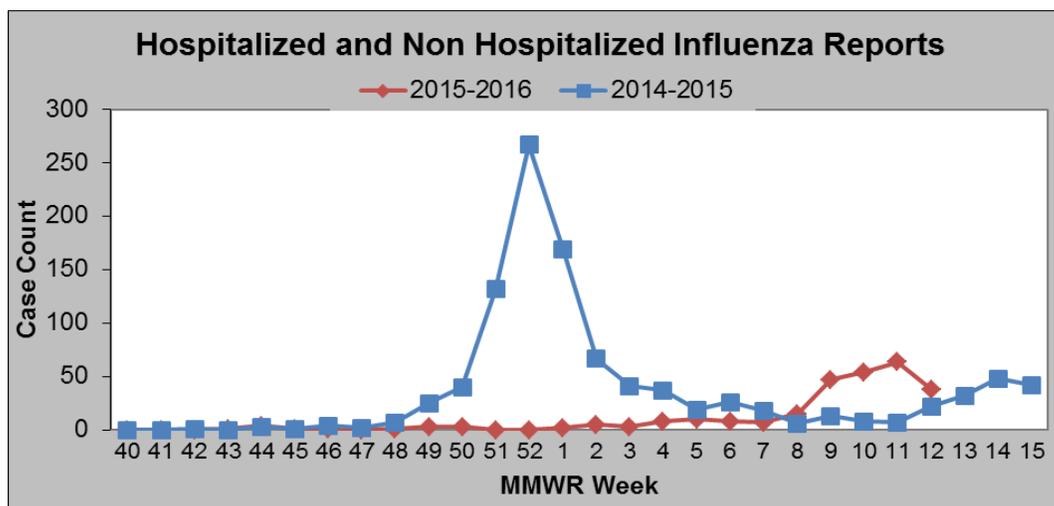
So Far this Flu Season: 10/4/2015-present

- So far this season in Stark County there has been 92 influenza-associated hospitalizations.
- In Stark County, 48% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 21.4 per 100, 000 population.
- So far this year, 13,797 influenza A specimens were collected and tested by public health laboratories, 80.5% subtyped as the 2009 H1N1 virus, 17.6% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 336 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, 455 specimens have been characterized nationally as Influenza B. There were 296 subtyped from the Yamagata Lineage leaving 159 subtyped from the Victorian Lineage.
- There have been 33 pediatric deaths nationally so far this season.



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

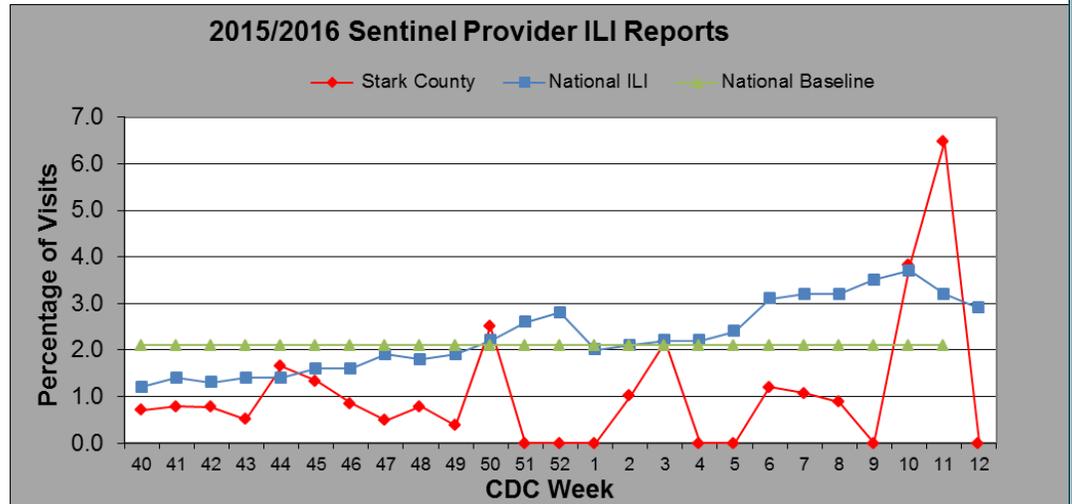
- ◆ During week twelve there were 38 reports of hospitalized and non-hospitalized influenza. This week last year had 22 reports.
- ◆ This year's reports total at 275 cases. The total number of reports up to this week last year was 915.



- * 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.

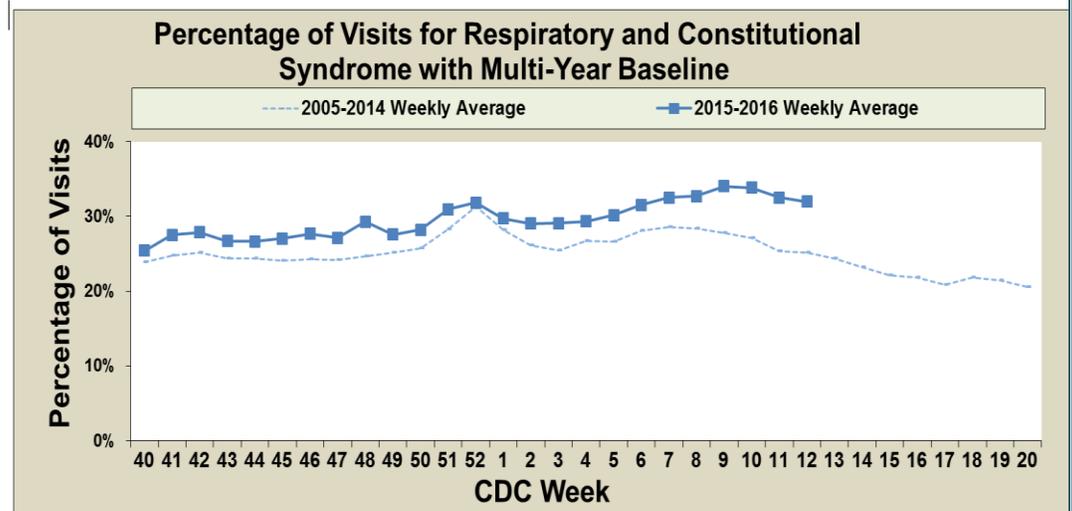
◆ During week twelve, there were zero reports of ILI visits from the Stark County sentinel providers. National percentage of reports decreased for a second consecutive week, but remained above baseline.



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

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

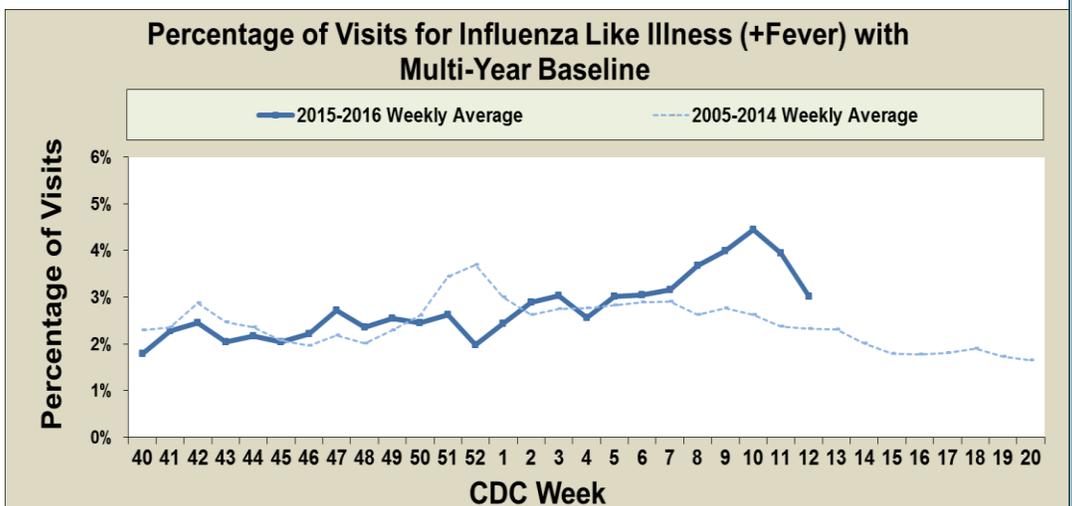
◆ During week twelve, ED and Stat Care visits for respiratory and constitutional syndrome decreased slightly, but remained above the multi-year baseline.



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 twelve, but remained above the multi-year baseline.



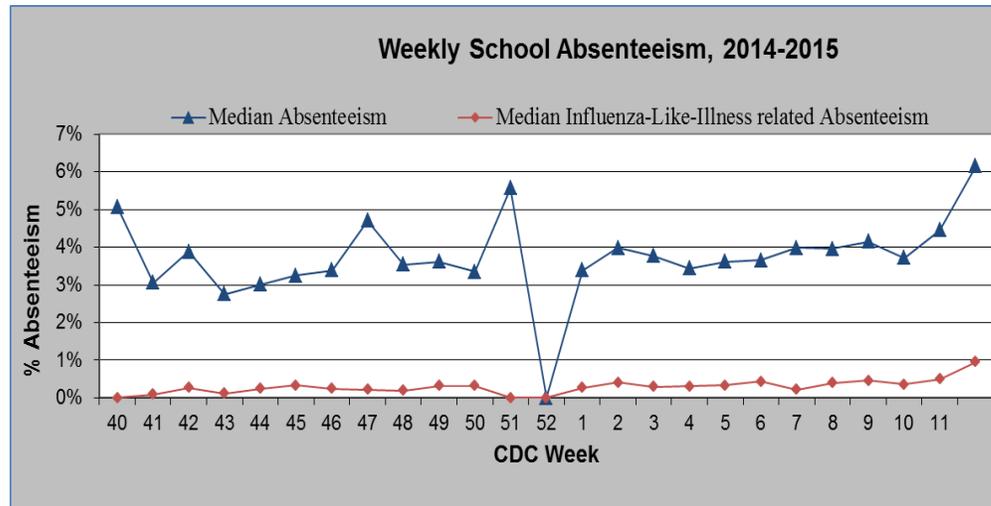
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Graph 5: Stark County School Absenteeism.

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

◆ During week twelve the overall median absenteeism and the median influenza-like-illness absenteeism both increased. It should be noted however, that the majority of schools were on Spring break and did not submit reports. The percentages for week twelve are based on a small number of total reports.



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)

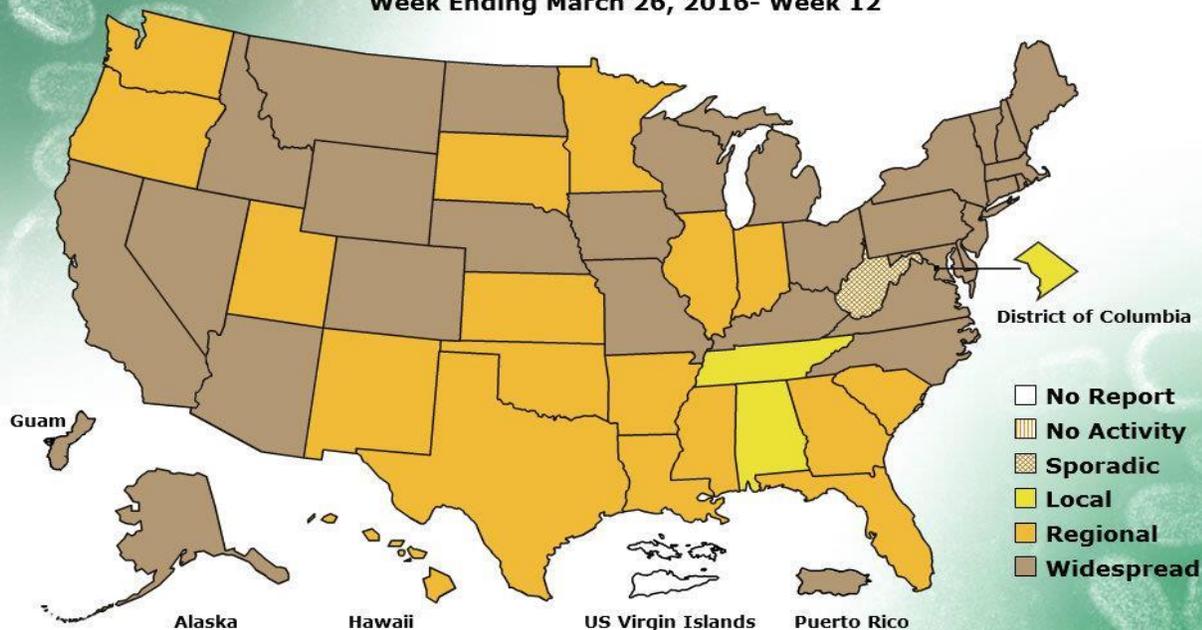
◆ During week twelve, Ohio remained at widespread spread of influenza activity. Including Ohio, 29 states reported widespread influenza activity during this week.

FLUVIEW



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

Week Ending March 26, 2016- Week 12



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

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