

Stark County's Influenza Weekly Report

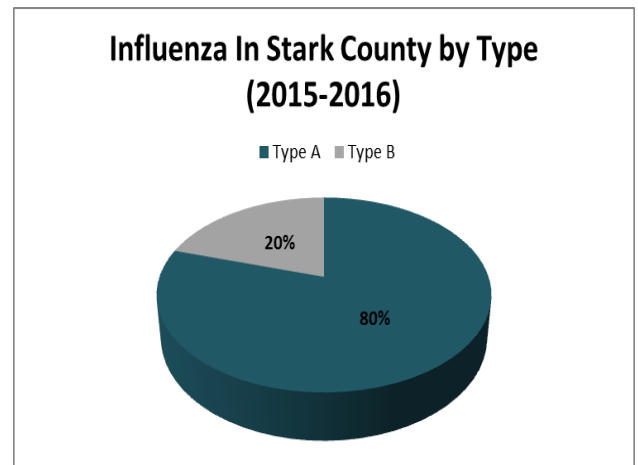
Week 17 (4/24/16-4/30/16)

During this Week of the Flu Season:

- During week seventeen, Stark County had three influenza-associated hospitalizations.
- During week seventeen, 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 6.8%. This is below the 6.9% epidemic threshold.
- Nationally, four additional influenza-associated pediatric deaths were reported during week seventeen.

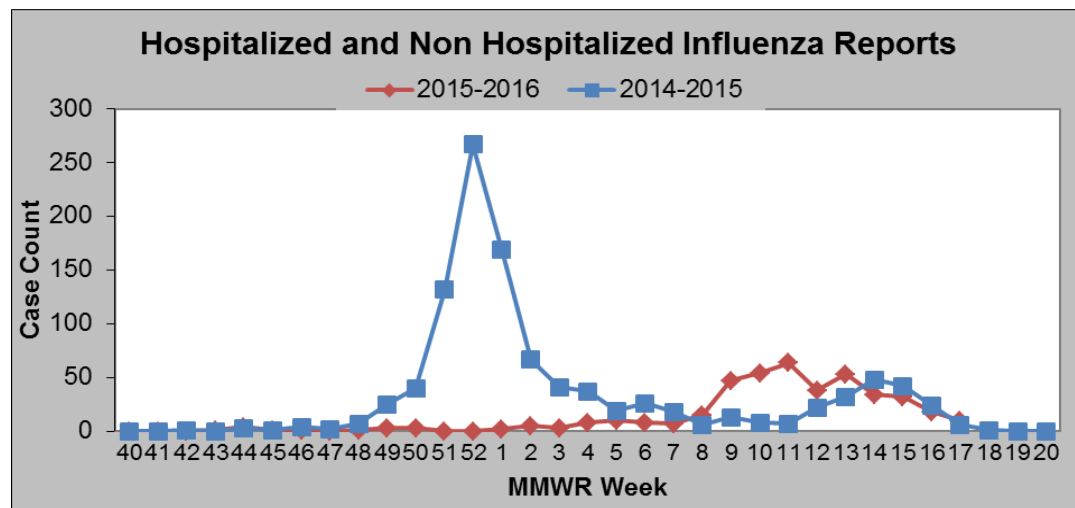
So Far this Flu Season: 10/4/2015-present

- So far this season in Stark County there has been 152 influenza-associated hospitalizations.
- In Stark County, 43% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 30.6 per 100,000 population.
- So far this year, 17,827 influenza A specimens were collected and tested by public health laboratories, 80.2% subtyped as the 2009 H1N1 virus, 18.0% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 493 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, 588 specimens have been characterized nationally as Influenza B. There were 359 subtyped from the Yamagata Lineage leaving 229 subtyped from the Victorian Lineage.
- There have been 64 pediatric deaths nationally so far this season.



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

- ◆ During week seventeen there were 10 reports of hospitalized and non-hospitalized influenza. This week last year had 6 reports.
- ◆ This year's reports total at 422 cases. The total number of reports up to this week last year was 1,067.

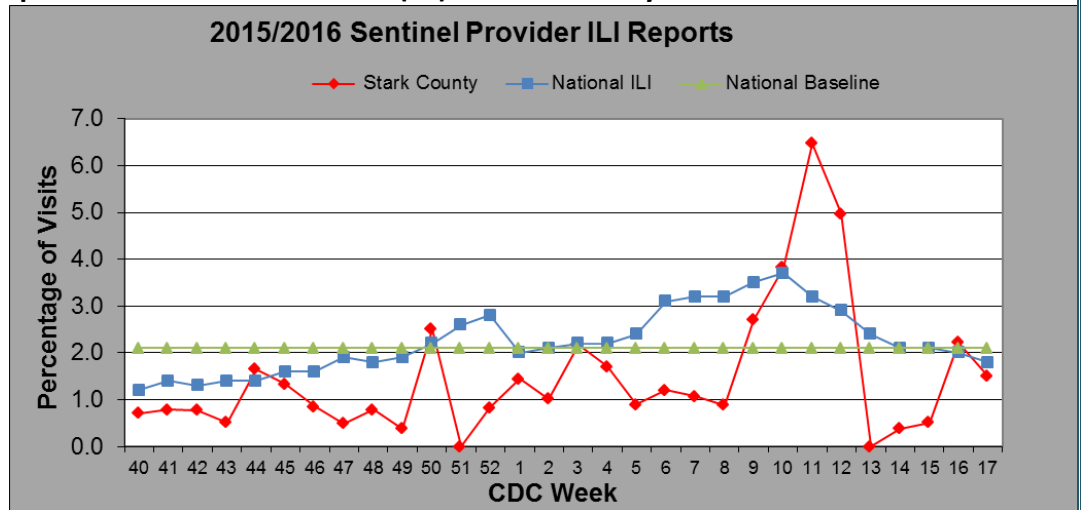


* All data presented in this weekly report are preliminary and may change as additional information is received.

* 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.

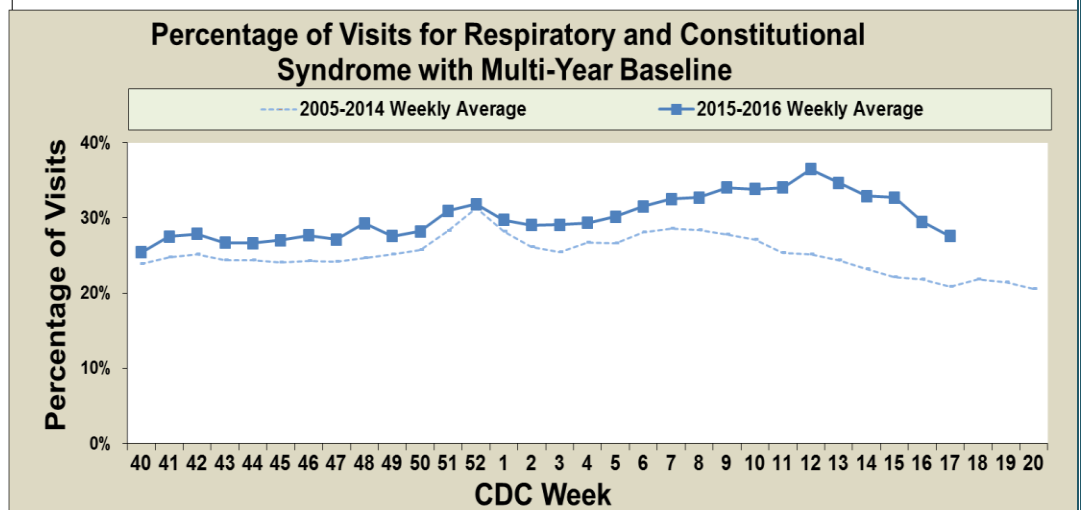
- ◆ During week seventeen, the percentage of patient visits for ILI from the Stark County sentinel providers decreased below baseline. The national percentage of reports remained slightly below baseline as well.



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

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

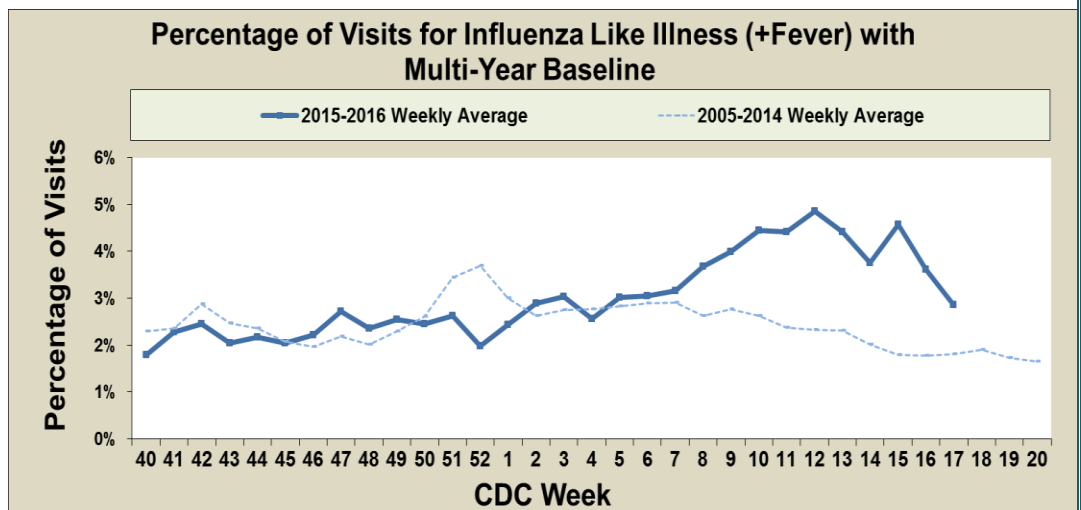
- ◆ During week seventeen, ED and Stat Care visits for respiratory and constitutional syndrome decreased again, but remained above the multi-year baseline.



Graph 4: Emergency Department (ED) Visits for Influenza Like Illness (+Fever).

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

- ◆ During week seventeen, the ED and Stat Care visits for ILI + Fever decreased again, but remained above the multi-year baseline.



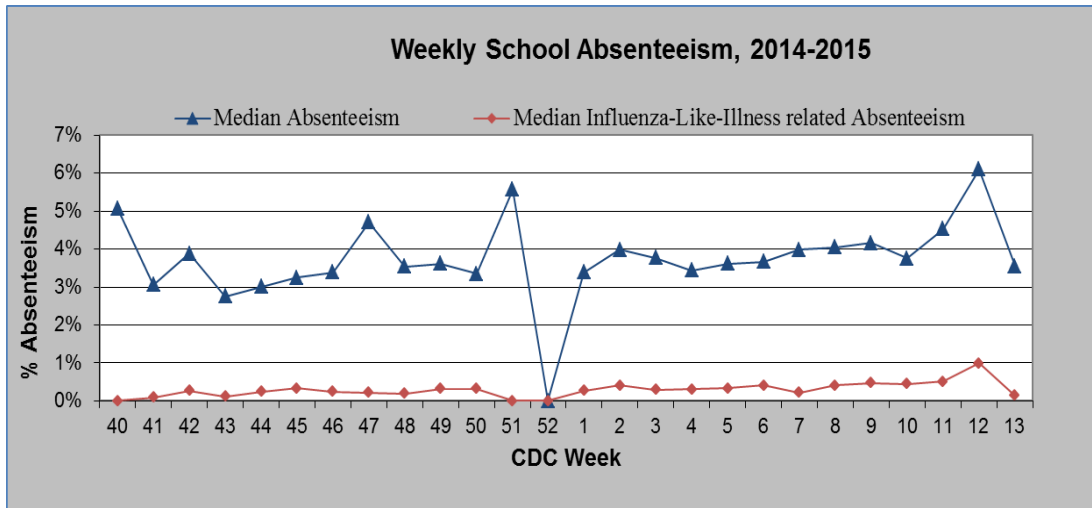
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Graph 5: Stark County School Absenteeism.

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

- ◆ School absenteeism reporting ended on 4/1/2016. No more school reports will be added for the rest of the 2015-2016 influenza season.



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)

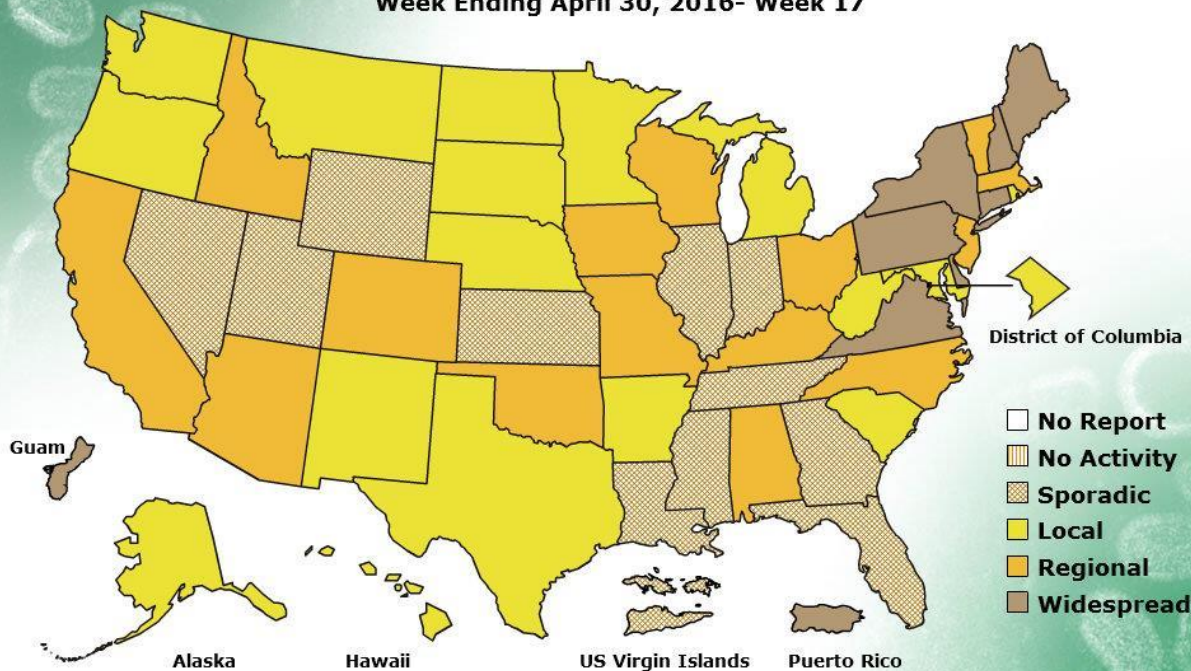
- ◆ During week seventeen, Ohio decreased from widespread to regional spread of influenza activity. Seven states remained at widespread influenza activity during this week.

FLUVIEW



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

Week Ending April 30, 2016- Week 17



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

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