

Stark County's Influenza Weekly Report

Week 14 (4/3/16-4/9/16)

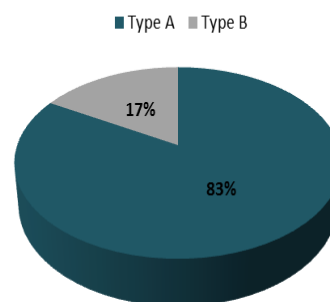
During this Week of the Flu Season:

- During week fourteen, Stark County had 21 influenza-associated hospitalizations.
- During week fourteen, 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 7.5%. This is above the 7.2% epidemic threshold.
- Nationally, ten influenza-associated pediatric deaths were reported during week thirteen.

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

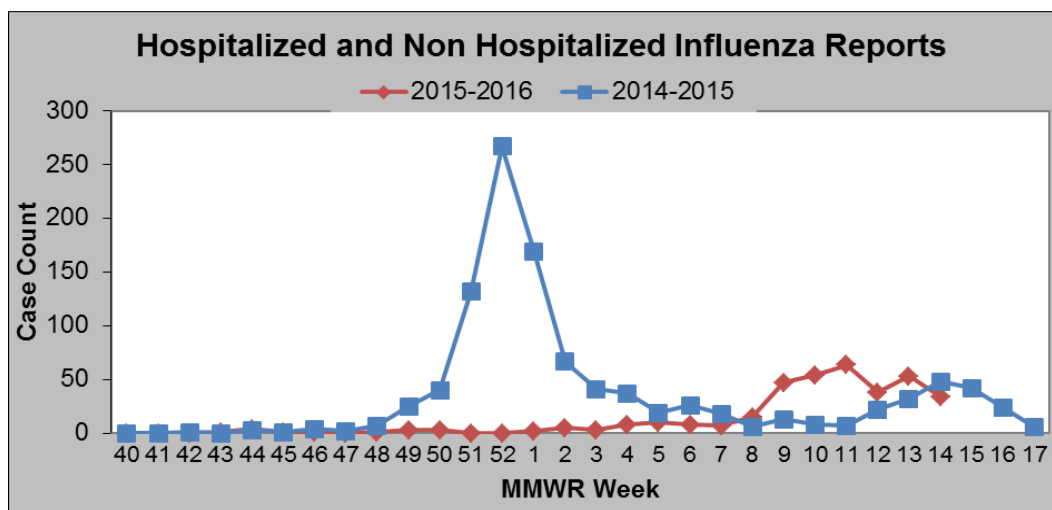
- So far this season in Stark County there has been 132 influenza-associated hospitalizations.
- In Stark County, 48% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 26.6 per 100, 000 population.
- So far this year, 15,824 influenza A specimens were collected and tested by public health laboratories, 81.0% subtyped as the 2009 H1N1 virus, 17.4% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 411 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, 513 specimens have been characterized nationally as Influenza B. There were 358 subtyped from the Yamagata Lineage leaving 229 subtyped from the Victorian Lineage.
- There have been 40 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.

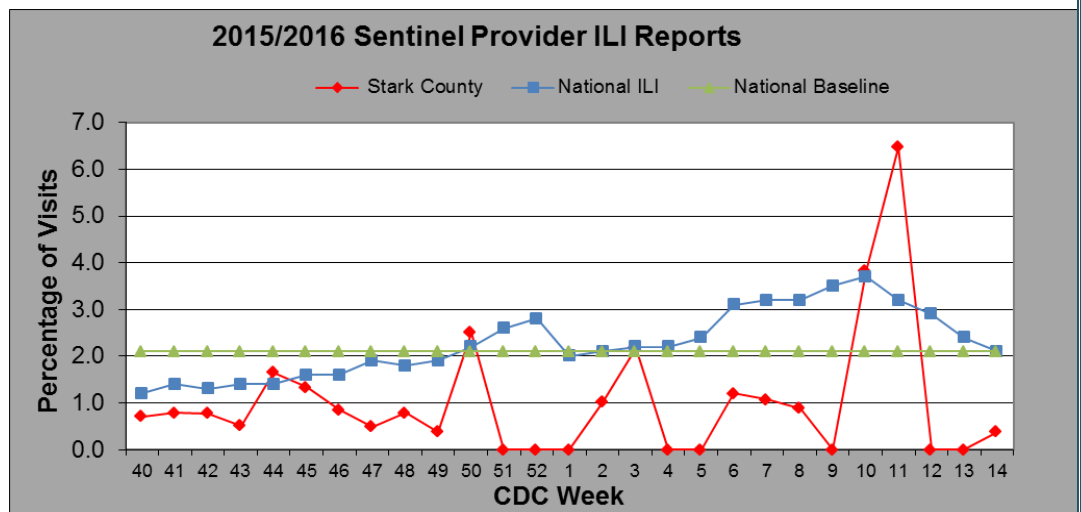
- ◆ During week fourteen there were 34 reports of hospitalized and non-hospitalized influenza. This week last year had 48 reports.
- ◆ This year's reports total at 362 cases. The total number of reports up to this week last year was 995.



* 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.

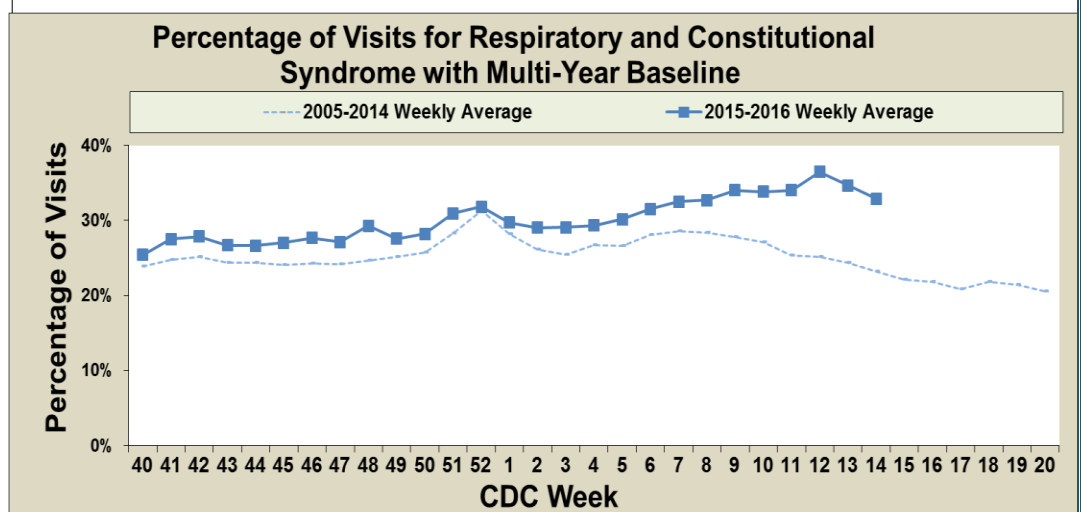
- ◆ During week fourteen less than one percent of patient visits were for ILI from the Stark County sentinel providers. The national percentage of reports decreased to baseline.



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

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

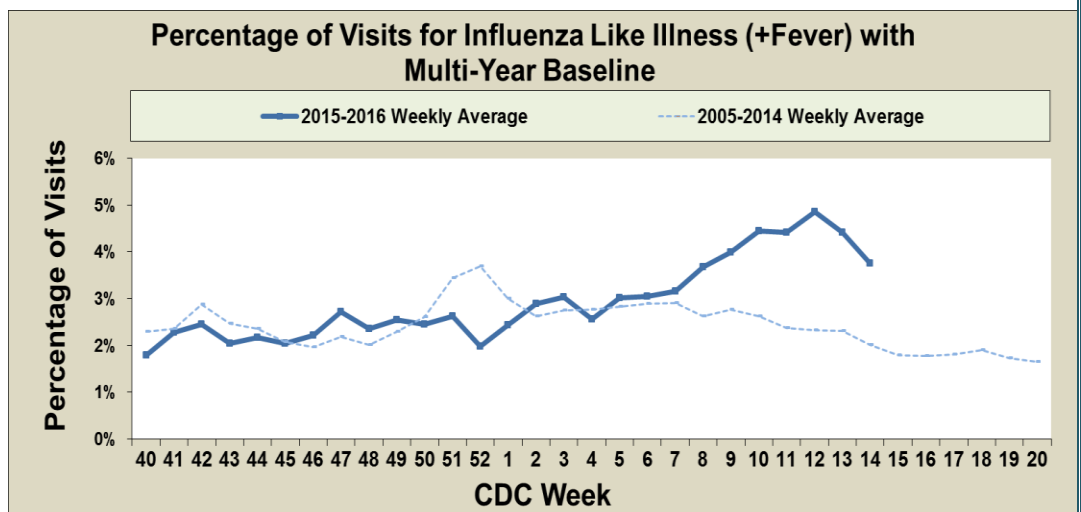
- ◆ During week fourteen, ED and Stat Care visits for respiratory and constitutional syndrome decreased slightly for the second consecutive week, but remained above the multi-year baseline.



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 fourteen, the ED and Stat Care visits for ILI + Fever decreased for a second consecutive week, but remained above the multi-year baseline.

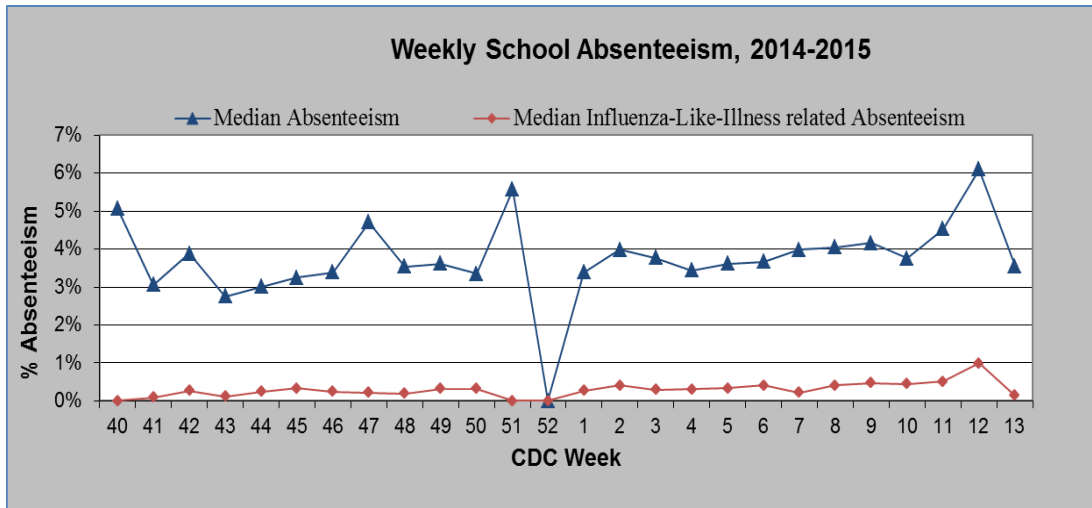


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Graph 5: Stark County School Absenteeism.

(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)

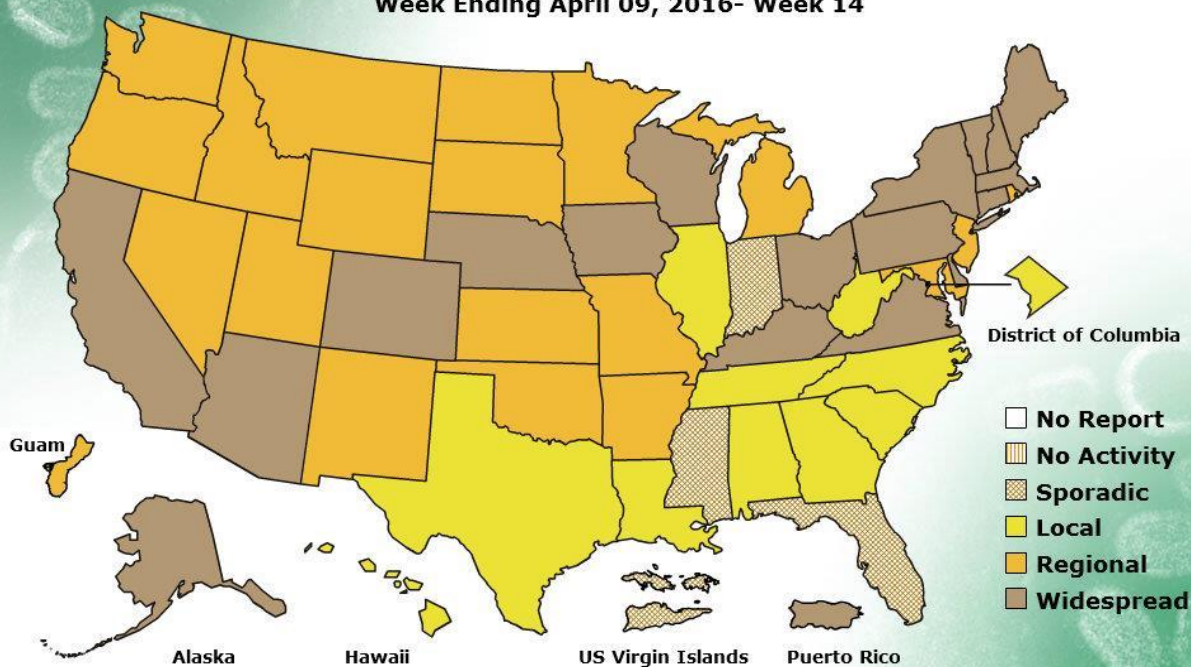
- ◆ During week fourteen, Ohio remained at widespread spread of influenza activity. Including Ohio, 18 states reported widespread influenza activity during this week.

FLUVIEW



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

Week Ending April 09, 2016- Week 14



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

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