

# Stark County's Influenza Weekly Report

## Week 3 (1/17/16-1/23/16)

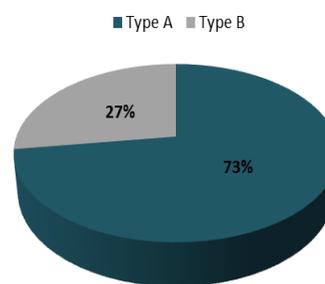
### During this Week of the Flu Season:

- During week 3, Stark County had two influenza-associated hospitalizations.
- During week 3, 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 7.1% epidemic threshold.
- Nationally, zero influenza-associated pediatric deaths were reported during week 3.

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

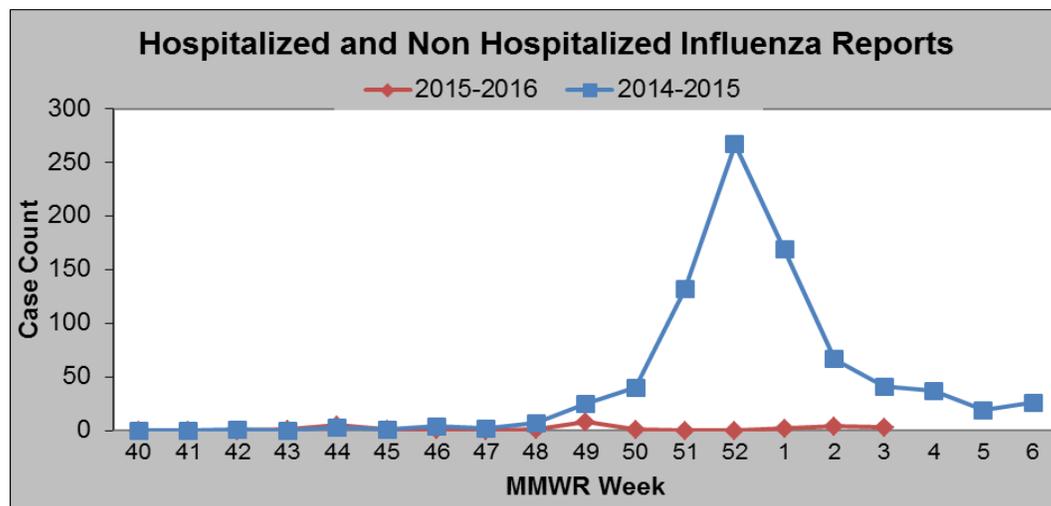
- So far this season in Stark County there has been 11 influenza-associated hospitalizations.
- In Stark County, 25% of influenza-associated hospitalizations were 65 years of age or older.
- There is a national cumulative rate for laboratory-confirmed influenza-associated hospitalizations of 2.1 per 100, 000 population.
- So far this year, 1,614 influenza A specimens were collected and tested by public health laboratories, 51.5% subtyped as the 2009 H1N1 virus, 40.8% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 188 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, 50 specimens have been characterized nationally as Influenza B. Twenty-five were subtyped from the Yamagata Lineage leaving twenty-five subtyped from the Victorian Lineage.
- There have been seven 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.

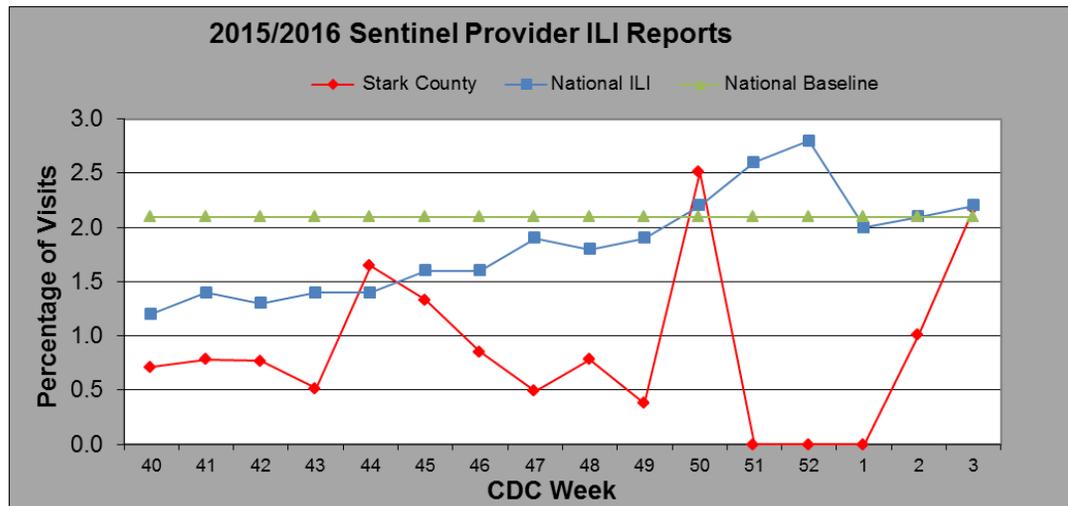
- ◆ During week 3 there were two reports of hospitalized and non-hospitalized influenza. This week last year had 41 reports.
- ◆ This year's reports total at 25 cases. The total number of reports for this week last year was 759.



\* 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.**

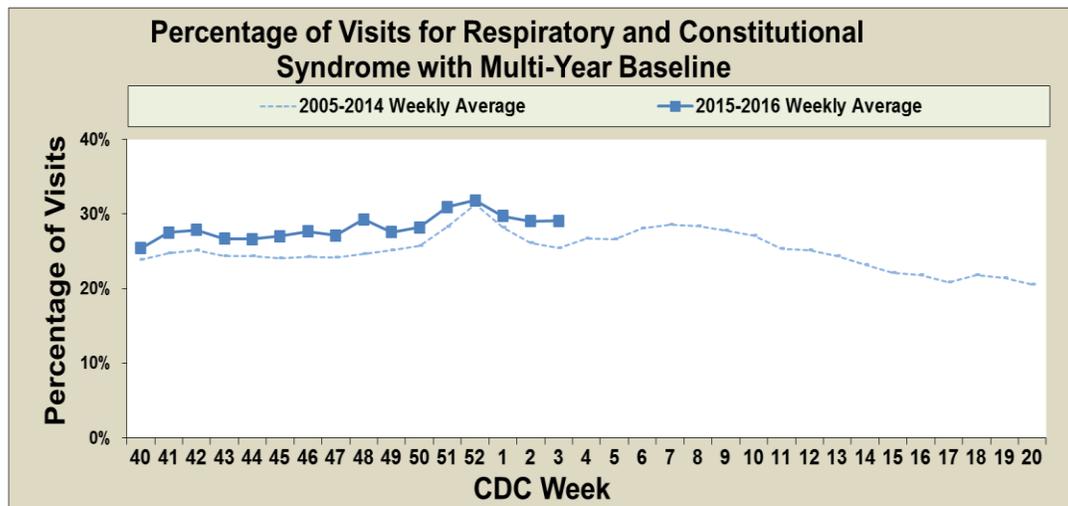
- ◆ The percentage of visits for ILI reported by sentinel providers in Stark County increased to match the national percentage of ILI visits reported during week 3. Both the county and the nation were slightly above the national baseline



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

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

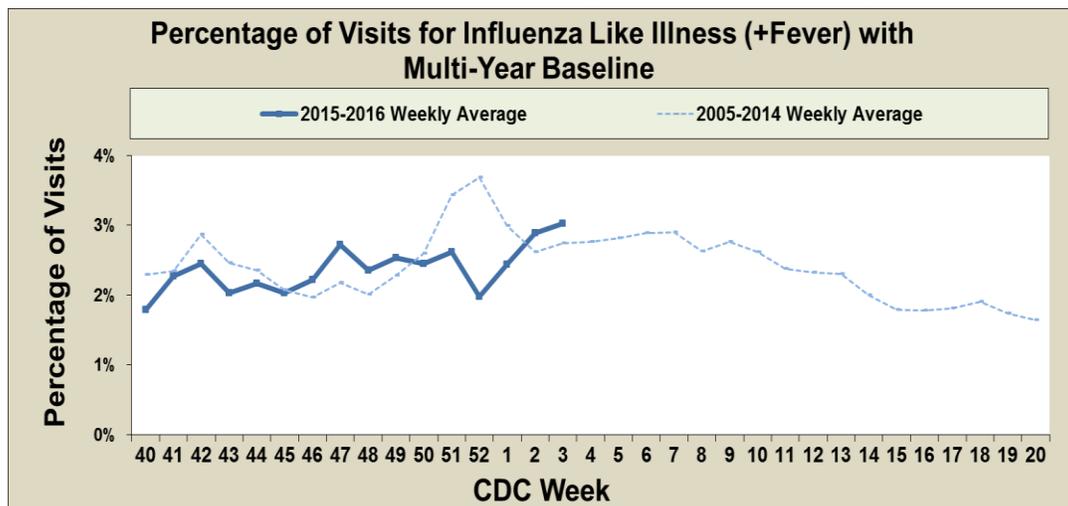
- ◆ During week 3, ED and Stat Care visits for respiratory and constitutional syndrome remained at the same level as in week 2 as well as above the multi-year baseline.



**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 increased slightly during week 3, and remained above the multi-year baseline.



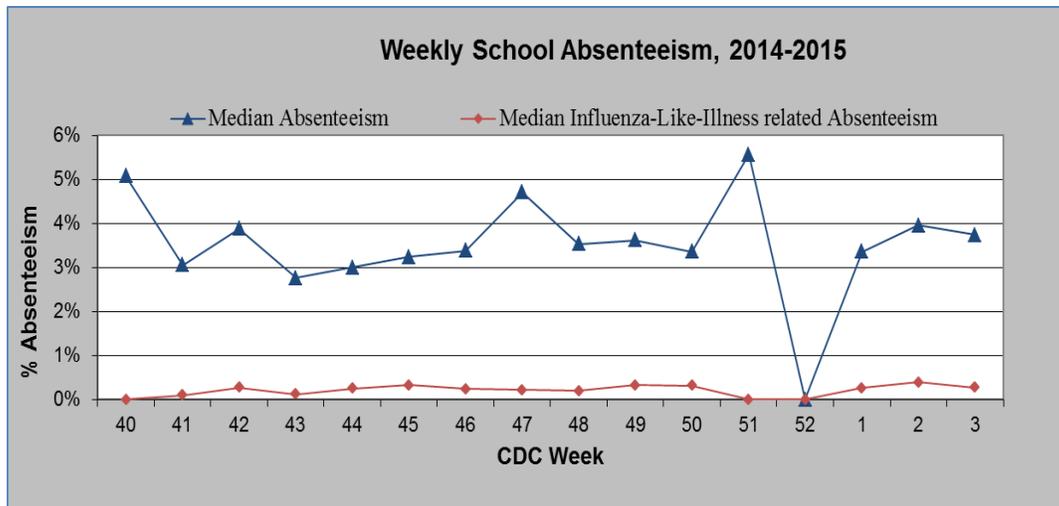
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**Graph 5: Stark County School Absenteeism.**

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

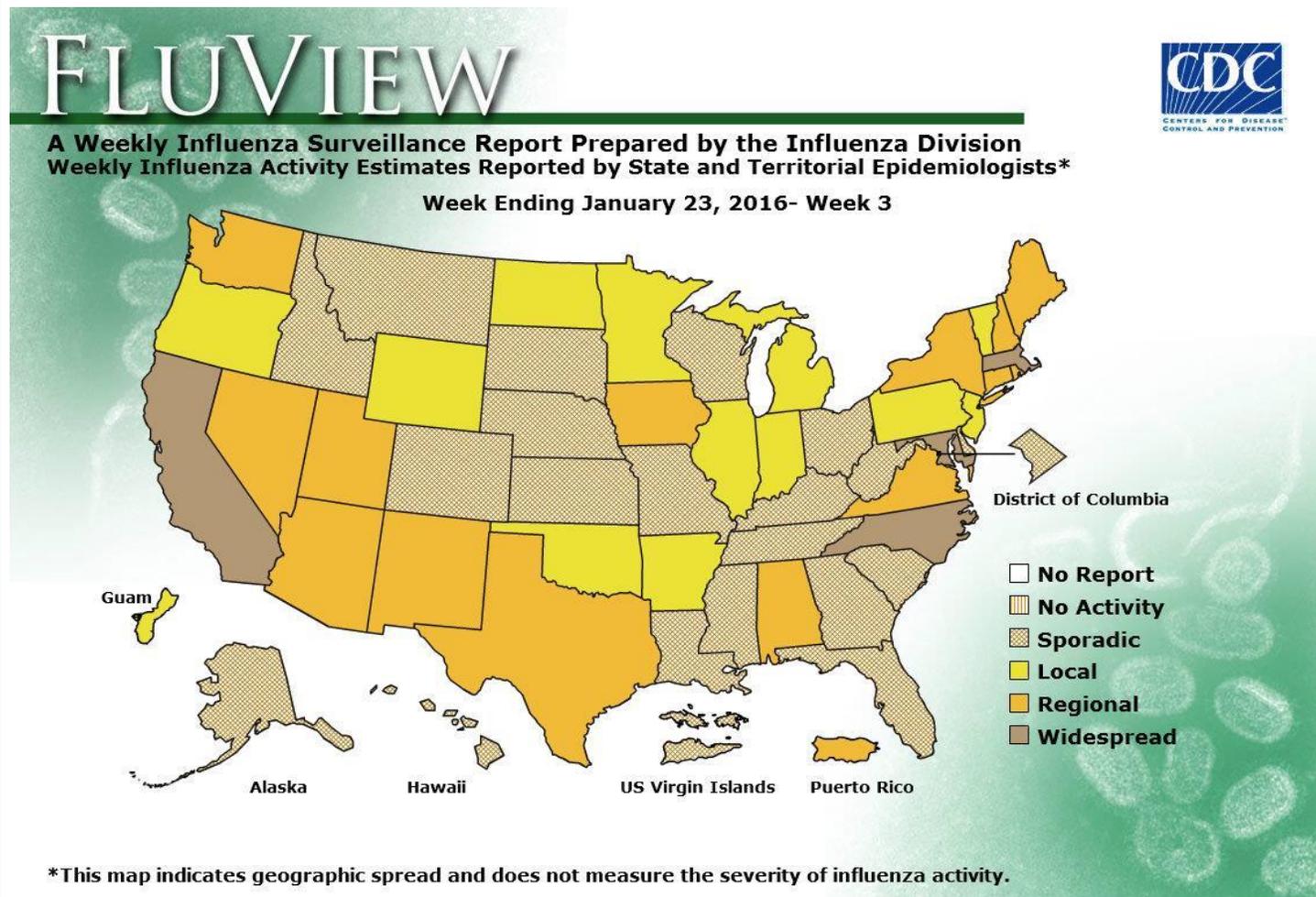
◆ During week 3, both the overall median absenteeism and the median influenza-like-illness absenteeism decreased compared to week 2.



**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 3, Ohio continued to have sporadic influenza activity.



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

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