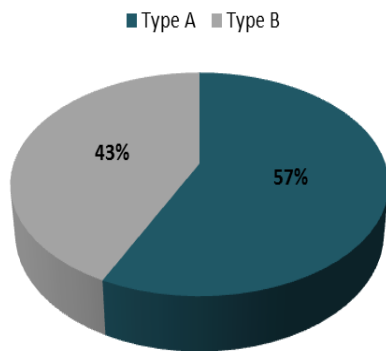


# Stark County's Influenza Weekly Report

Week 44 (11/1/15-11/7/15)

## Influenza In Stark County by Type (2015-2016)



### Five Weeks into the Season

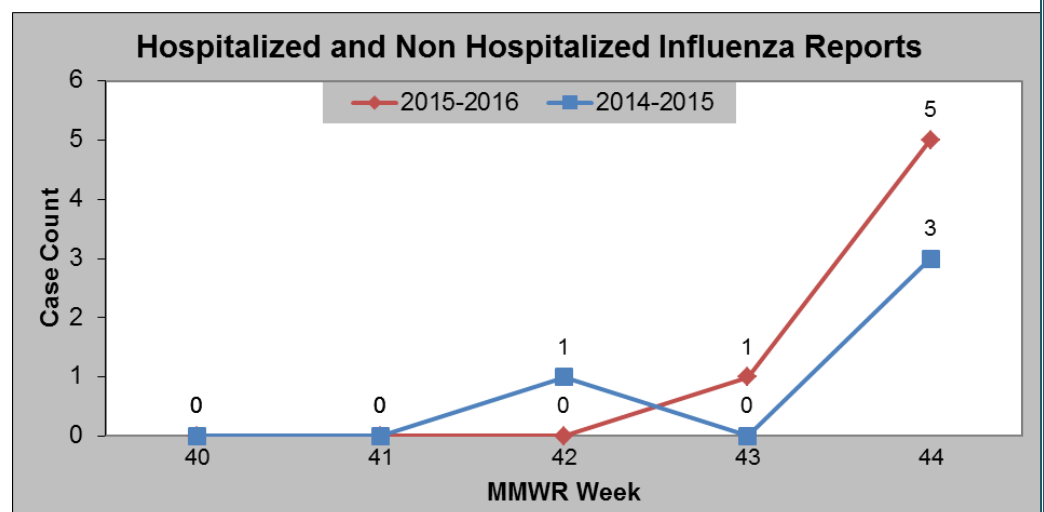
- During week 44 Stark County had four influenza-associated hospitalizations.
- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100,000 population is still not available yet this season.
- So far this year, 198 influenza A specimens were collected and tested by public health laboratories, 12.6% subtyped as the 2009 H1N1 virus, 83.3% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 264 of the influenza A (H3N2) viruses

collected were antigenetically characterized prior to October 1, 2015. Of those characterized, none were drifted (significantly different) than this year's influenza vaccine.

- Of the 71 specimens characterized nationally as Influenza B, 44 subtyped from the Yamagata Lineage and 27 subtyped from the Victorian Lineage.
- During week 44, 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 5.7%. This is below the 6.2% epidemic threshold.
- Nationally, no influenza-associated pediatric deaths have been reported.

### Graph 1: Influenza Cases Reported to the Local Health Department.

- ◆ During week 44 there was a total of five reports of hospitalized and non-hospitalized influenza. This week last year had three reports.
- ◆ This year's reports total at six cases. The total number of reports for this week last year was four.

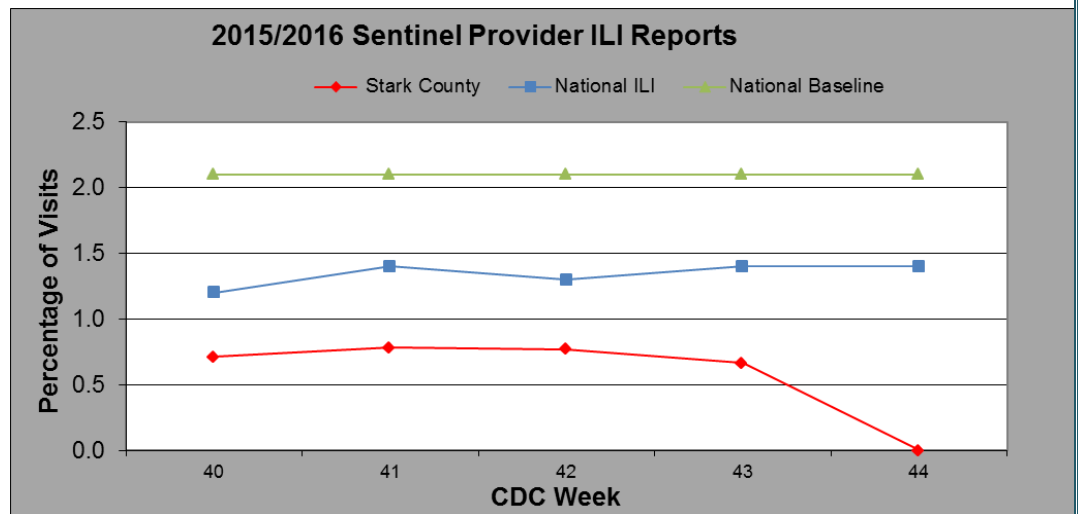


\* All data presented in this weekly report are preliminary and may change as additional information is received.

\* 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.**

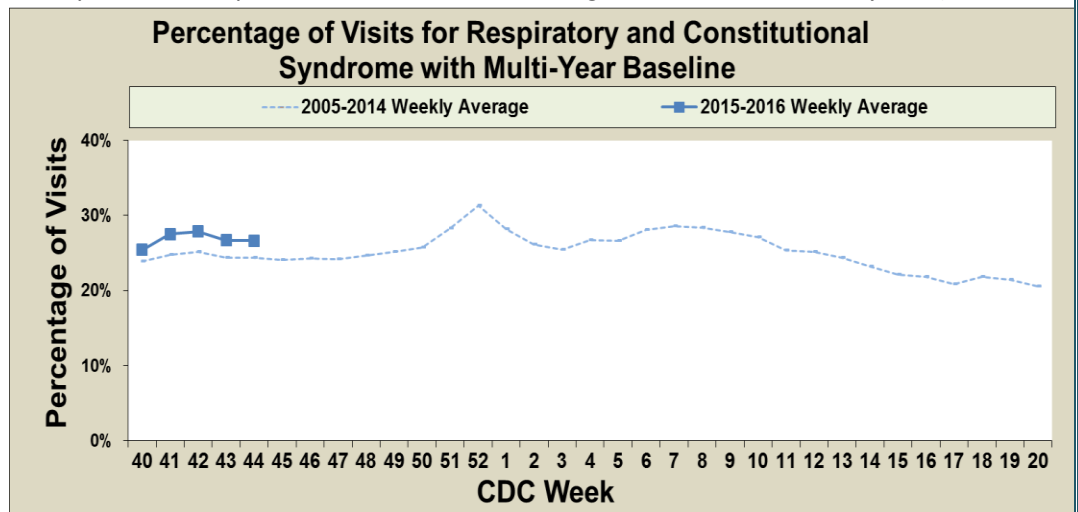
- ◆ Sentinel provider influenza-like illness (ILI) reports for Stark County decreased to zero, remaining below the national ILI number of reports as well as the national baseline.



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

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

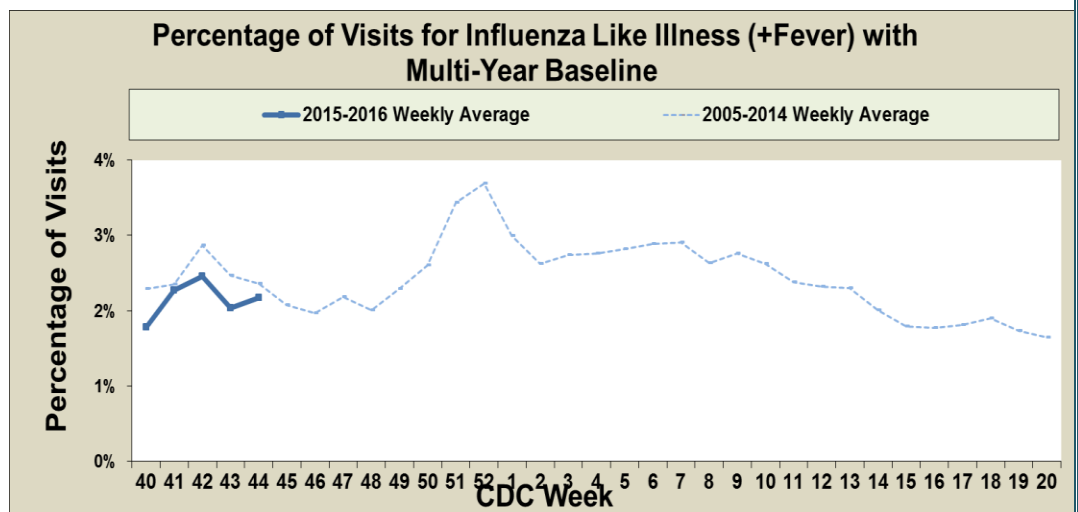
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome remained above the multi-year baseline during week 44.



**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 during week 44, but remained below the multi-year baseline.



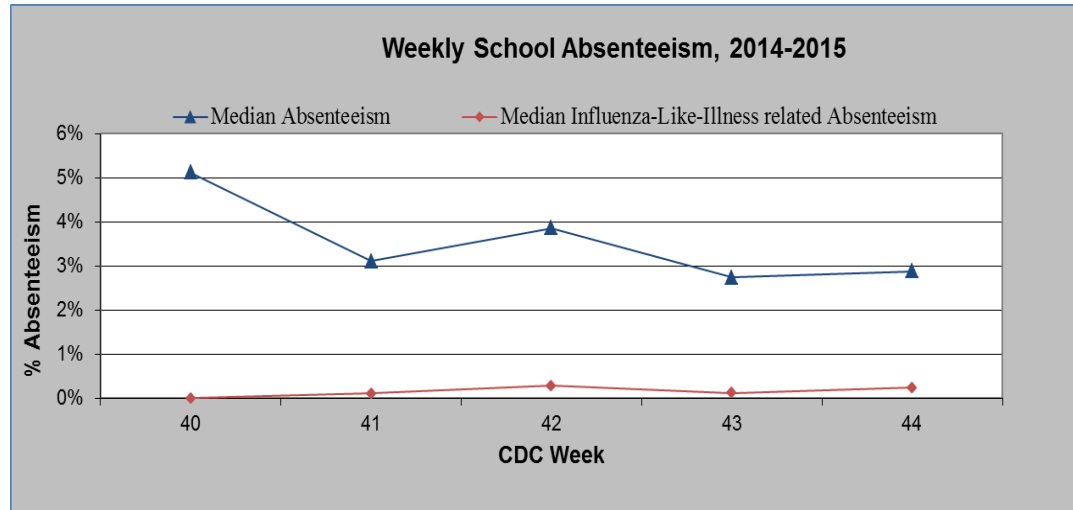
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**Graph 5: Stark County School Absenteeism.**

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

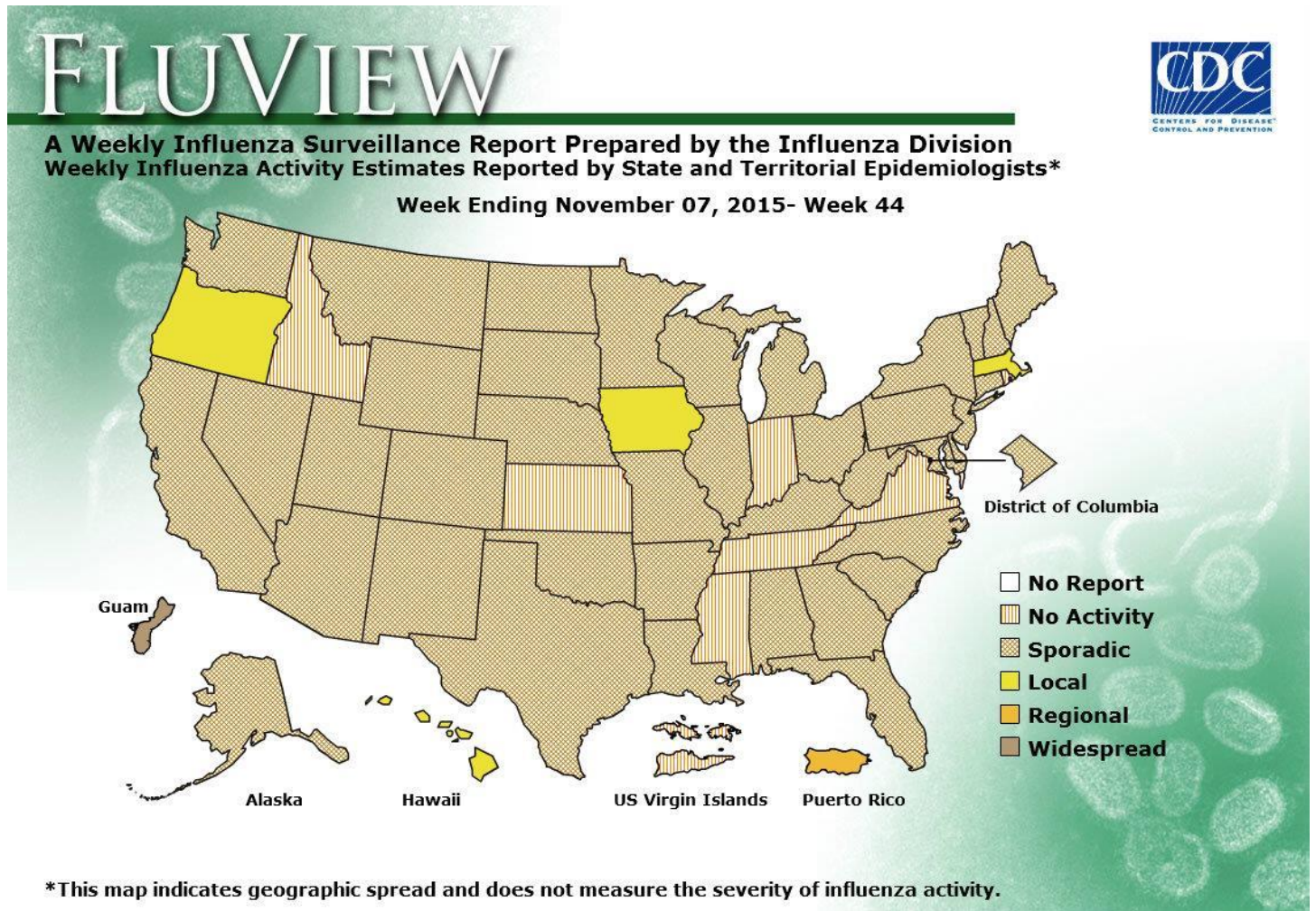
◆ The median absenteeism for influenza-like-illness slightly increased during week 44, but remained well below 1%.



**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 44, Ohio continued to have sporadic influenza activity. Seven states had no influenza activity reported.



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