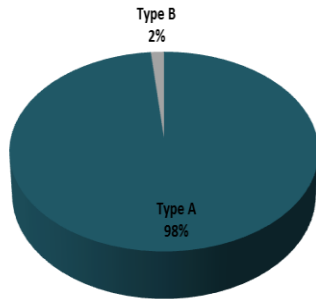


# Stark County's Weekly Influenza Report

Week 53 (12/28/14-1/3/15)

The Percentage of Influenza Types for the Current Thirteen Weeks of the 2014-1015 Season in Stark County



◆ The predominate strain identified locally has been influenza A (98%). Nationally, influenza A stands at 96% of the specimens tested.

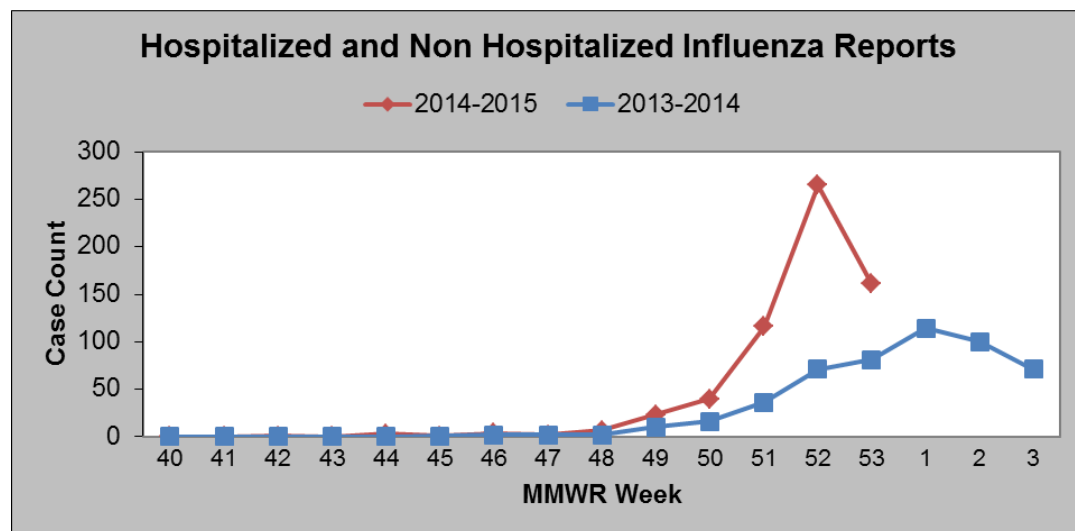
## Thirteen Weeks into the Season

- During week 53 there were 109 influenza-associated hospitalizations in Stark County. This increased the total to 328 hospitalizations for the season.
- In Stark County, 90% of the season's influenza-associated hospitalizations were age 49 or older.
- Nationally the cumulative rate for the season thus far is 20.1 laboratory-confirmed influenza-associated hospitalizations per 100, 000 population.
- Of the 49,078 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 41% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 288 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 68% were drifted (significantly different) that this year's influenza vaccine.

- Of the 57 specimens characterized nationally as Influenza B, 40 subtyped from the Yamagata Lineage and 17 subtyped from the Victorian Lineage.
- During week 53, 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 7.0%. This is above the 6.9% epidemic threshold.
- Nationally, a total of 26 influenza-associated pediatric deaths have been reported. Out of those deaths, five were reported during week 53. Stark County remains having no pediatric deaths associated with influenza.

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

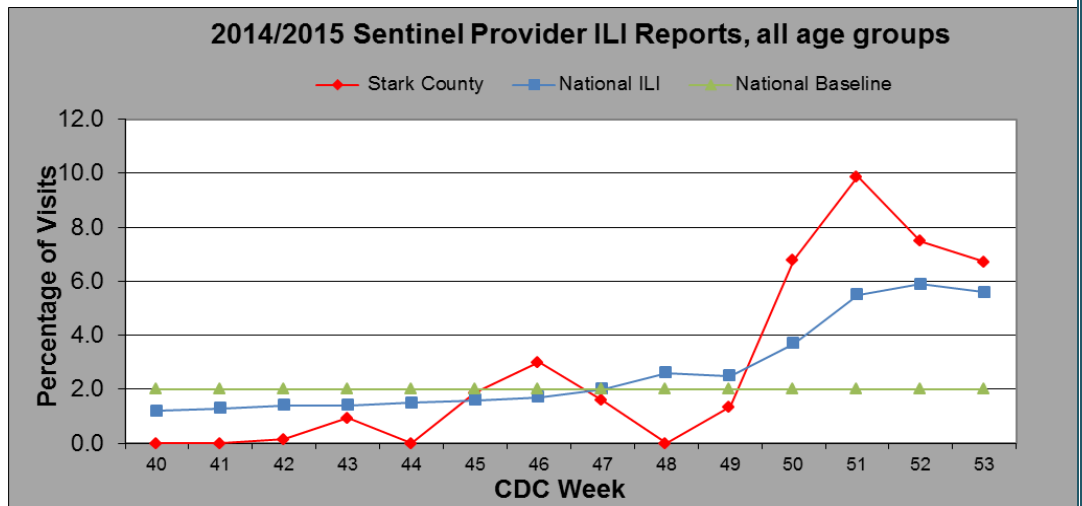
◆ During week 53 there was a total of 161 reports of hospitalized and non-hospitalized influenza. This increased the total number of reports to 623. There were 81 cases reported during this week last year with a total number of reports at 221.



\* 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.**

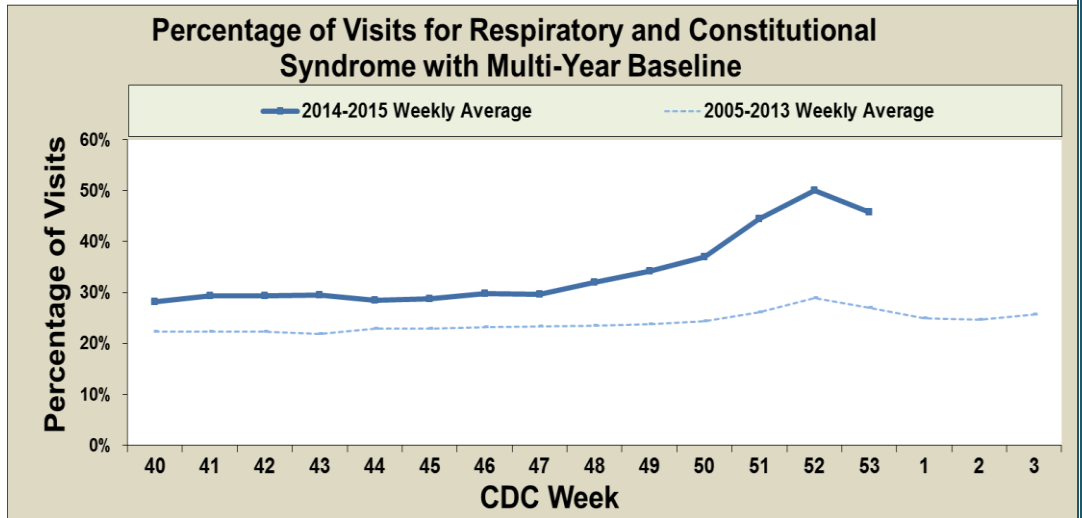
- ◆ The Stark County Sentinel Provider ILI reports decreased slightly during week 53, but remained above the national ILI reports as well as the baseline.



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

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

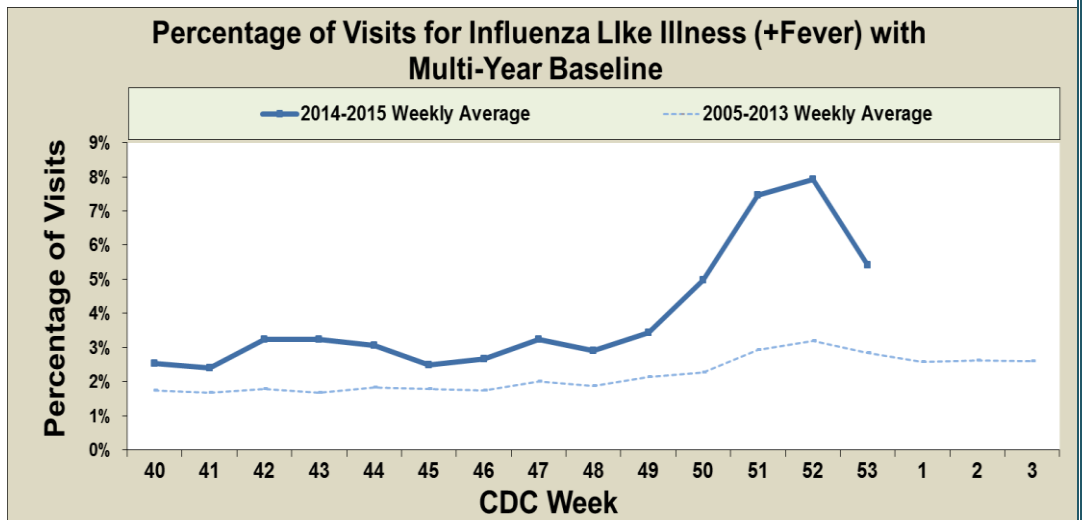
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome saw its first decrease after five consecutive weeks of increasing.



**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 saw a sharp decrease during week 53, but remained above the multi-year baseline.



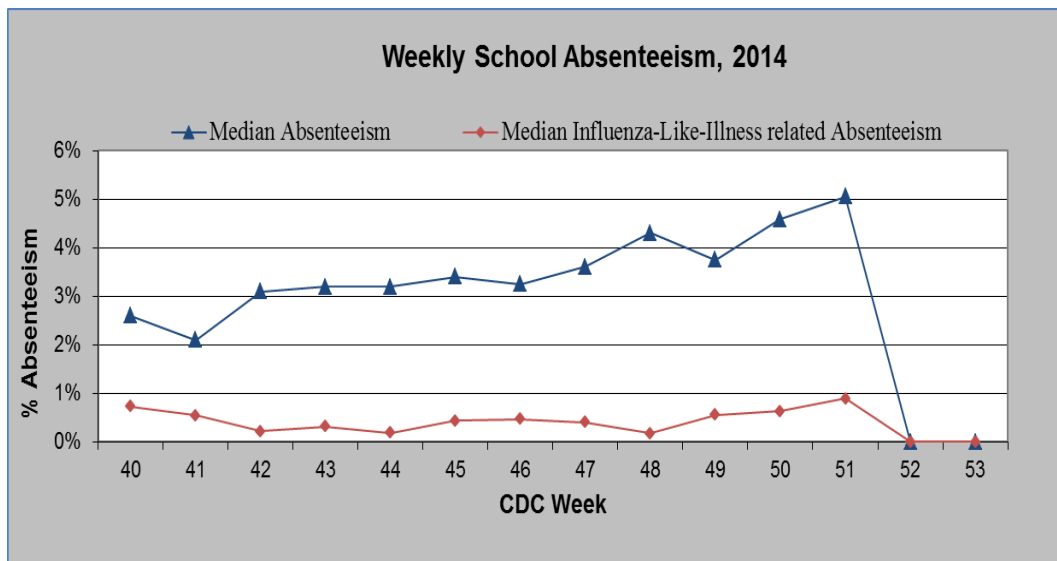
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\* Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.

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

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

- ◆ No school absenteeism reports were given during week 53. This is most likely due to the schools being closed for the holidays.



**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)

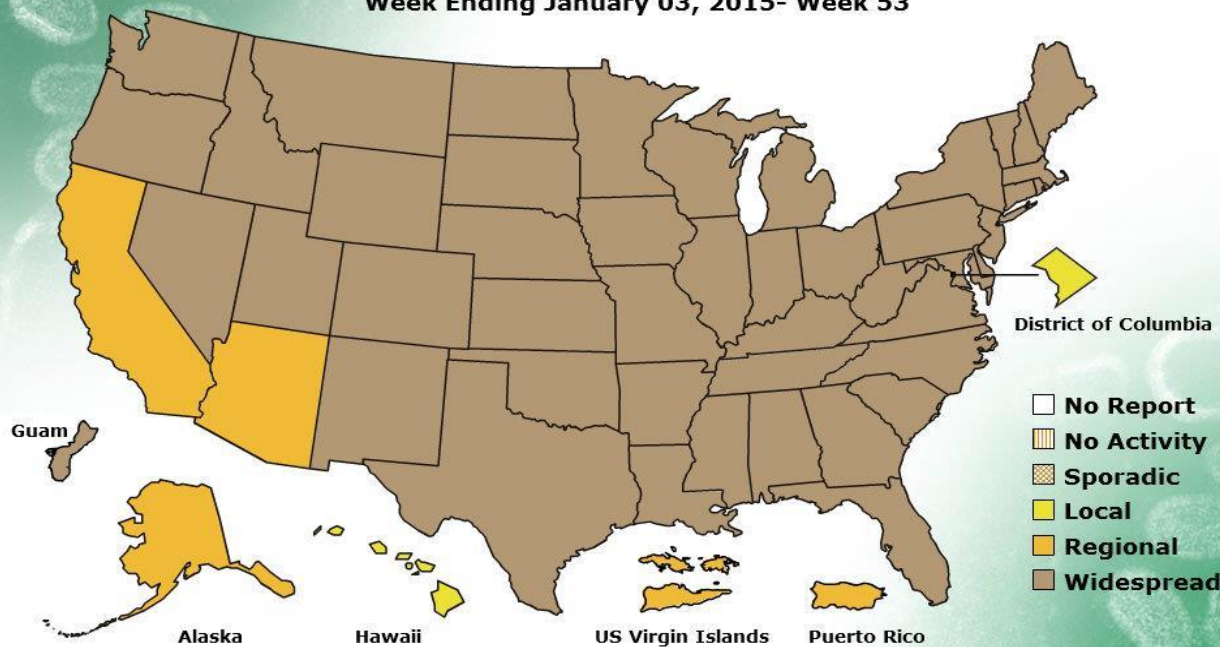
- ◆ During week 53, Ohio held influenza activity at widespread. Across the nation a total of 46 states reported widespread influenza activity.

# FLUVIEW



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

Week Ending January 03, 2015- Week 53



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

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\* Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.