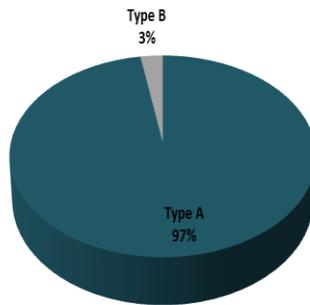


Stark County's Weekly Influenza Report

Week 4 (1/24/15-1/31/15)

The Percentage of Influenza Types for the Current Seventeen Weeks of the 2014-2015 Season in Stark County



◆ The predominate strain identified locally has been influenza A (97%). Nationally, influenza A stands at 95% of the specimens tested.

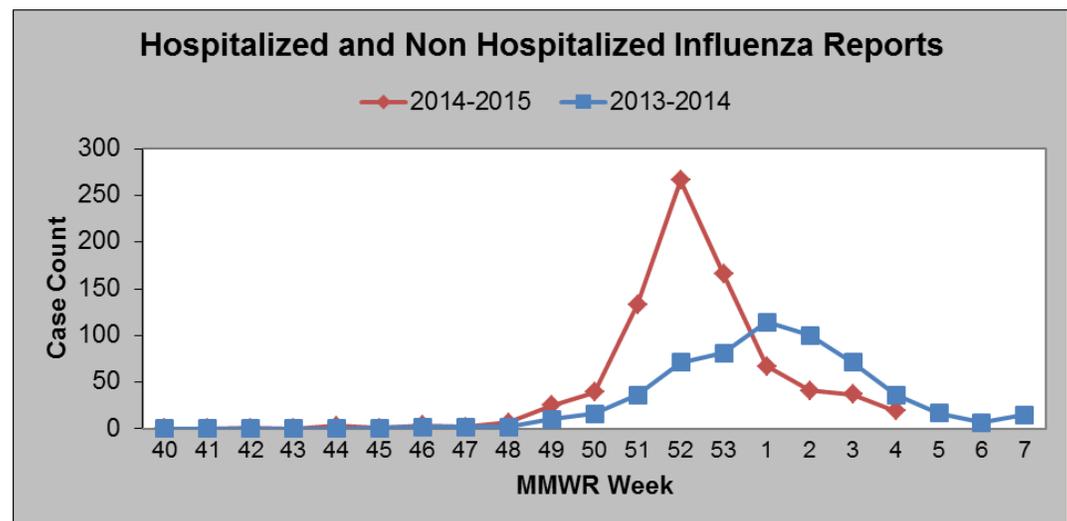
Seventeen Weeks into the Season

- During MMWR week 4 there were 11 influenza-associated hospitalizations in Stark County. This increased the total to 462 hospitalizations for the season.
- In Stark County, 71% of the season's influenza-associated hospitalizations were age 65 or older.
- Nationally the cumulative rate for the season thus far is 43.5 laboratory-confirmed influenza-associated hospitalizations per 100,000 population.
- Of the 77,997 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 44% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 569 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 69% were drifted (significantly different) that this year's influenza vaccine.

- Of the 144 specimens characterized nationally as Influenza B, 99 subtyped from the Yamagata Lineage and 45 subtyped from the Victorian Lineage.
- During week 4, 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 8.5%. This is above the 7.2% epidemic threshold.
- Nationally, a total of 69 influenza-associated pediatric deaths have been reported. Out of those deaths, 8 were reported during week 4. Stark County remains having no pediatric deaths associated with influenza.

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

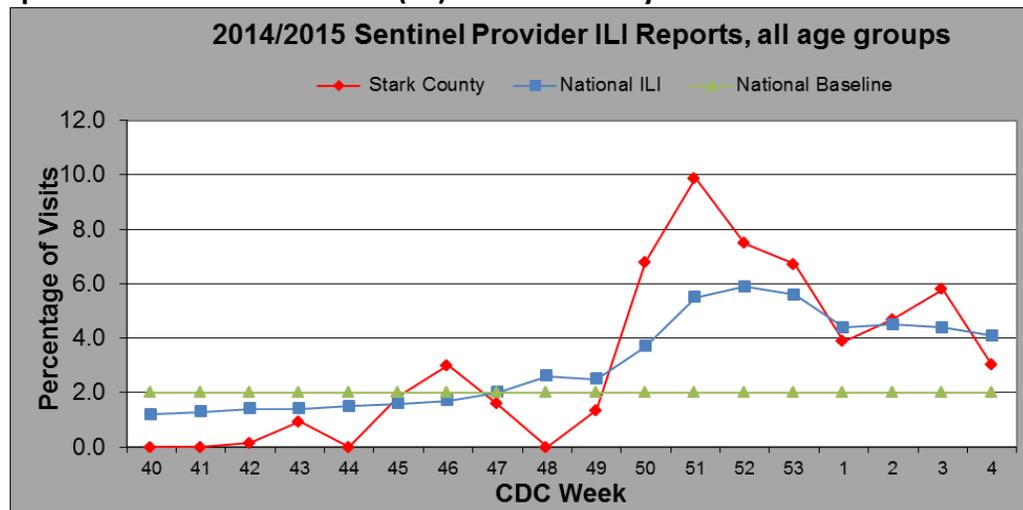
- ◆ During week 4 there was a total of 19 reports of hospitalized and non-hospitalized influenza. This week last year had 36 cases.
- ◆ This year's reports total at 811. The total number of reports for last year by this week was 542.



* 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.

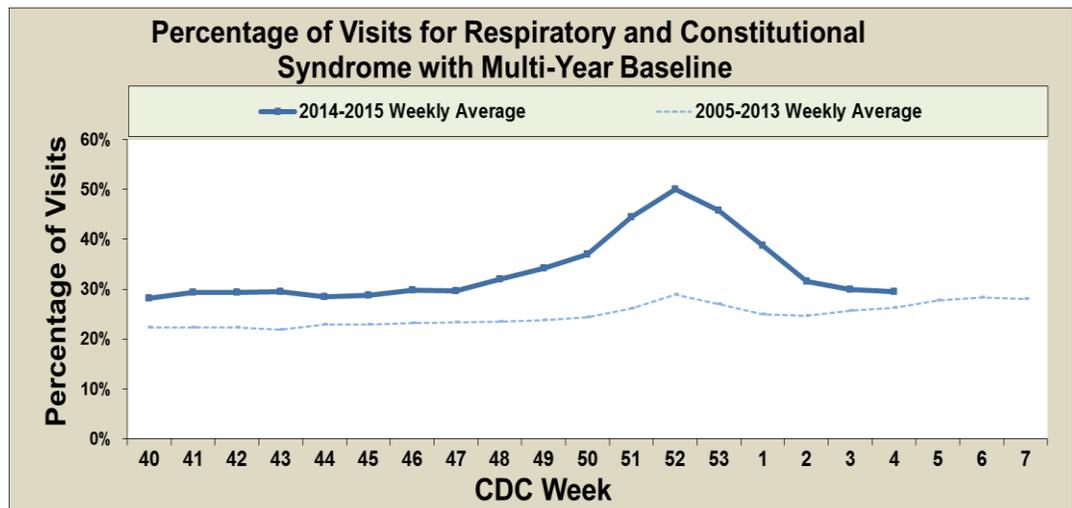
- ◆ The Stark County Sentinel Provider ILI reports decreased to below the national average, but remained above the national baseline.



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

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

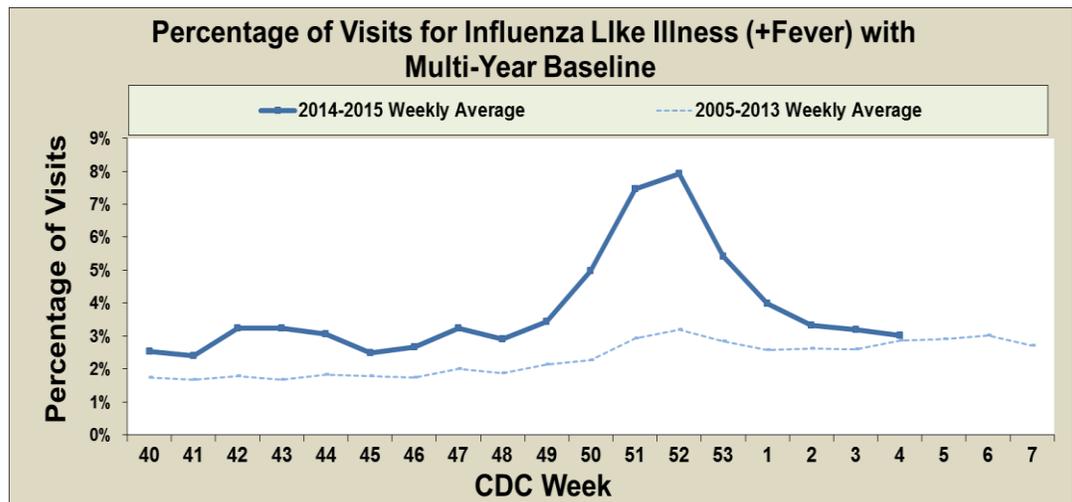
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome continued to show a decrease, but remained above the multi-year baseline.



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

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

- ◆ ED and Stat Care visits for ILI + Fever continued to show a decrease, but remained above the multi-year baseline.



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