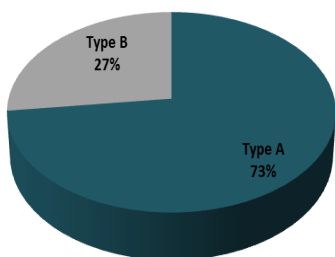


Stark County's Weekly Influenza Report

Week 16 (4/19/15-4/25/2015)

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



➤ The predominate strain identified locally has been influenza A (73%). Nationally, influenza A stands at 85% of the specimens tested.

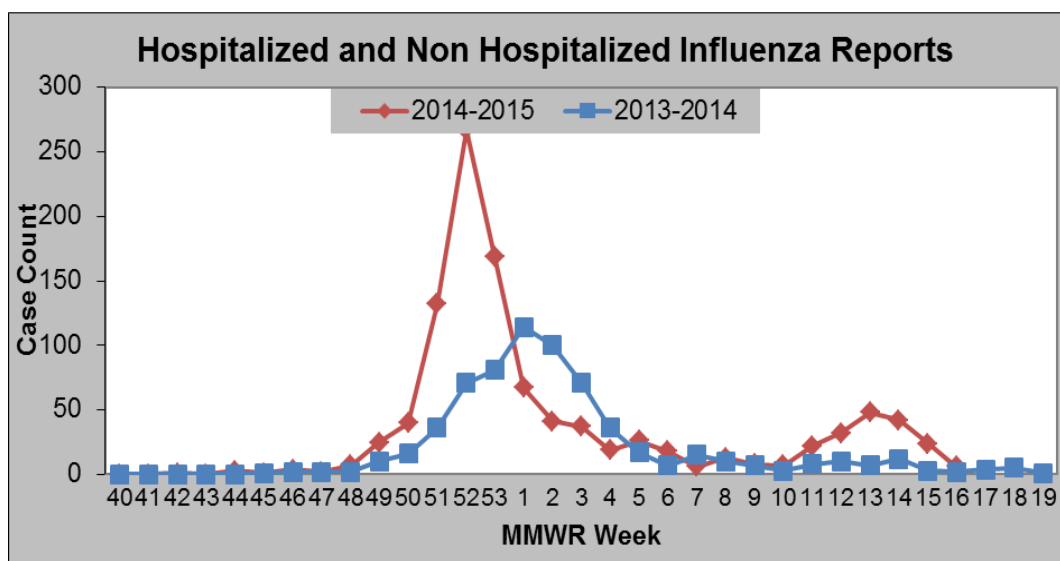
4 Weeks Left of the Reporting Season

- During MMWR week 16 there were 4 influenza-associated hospitalizations in Stark County. This increased the total to 571 hospitalizations for the season.
- In Stark County, 69% of the season's influenza-associated hospitalizations were age 65 or older.
- Nationally the cumulative rate for the season thus far is 64.3 laboratory-confirmed influenza-associated hospitalizations per 100,000 population.
- Of the 103,775 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 50.1% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 1,220 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 80.1% were drifted (significantly different) that this year's influenza vaccine.

- Of the 596 specimens characterized nationally as Influenza B, 407 subtyped from the Yamagata Lineage and 189 subtyped from the Victorian Lineage.
- During week 16, National Pneumonia and Influenza (I&P) Mortality Surveillance of all deaths reported through the 122 Cities Mortality Reporting System as due to P&I was at 6.7%. This is below the 6.9% epidemic threshold for this week.
- Nationally, a total of 133 influenza-associated pediatric deaths have been reported. Out of those deaths, five were reported during week 16. Stark County remains having no pediatric deaths associated with influenza.

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

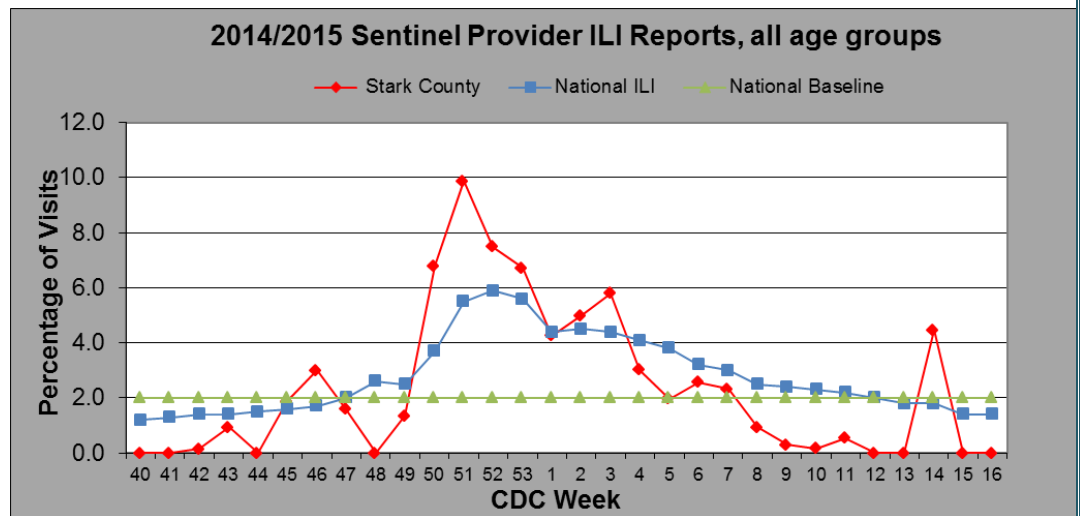
- ◆ During week 16 there was a total of 6 reports of hospitalized and non-hospitalized influenza. This week last year had 2 cases.
- ◆ This year's reports total at 1,067. The total number of reports for last year by this week was 643.



* 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.

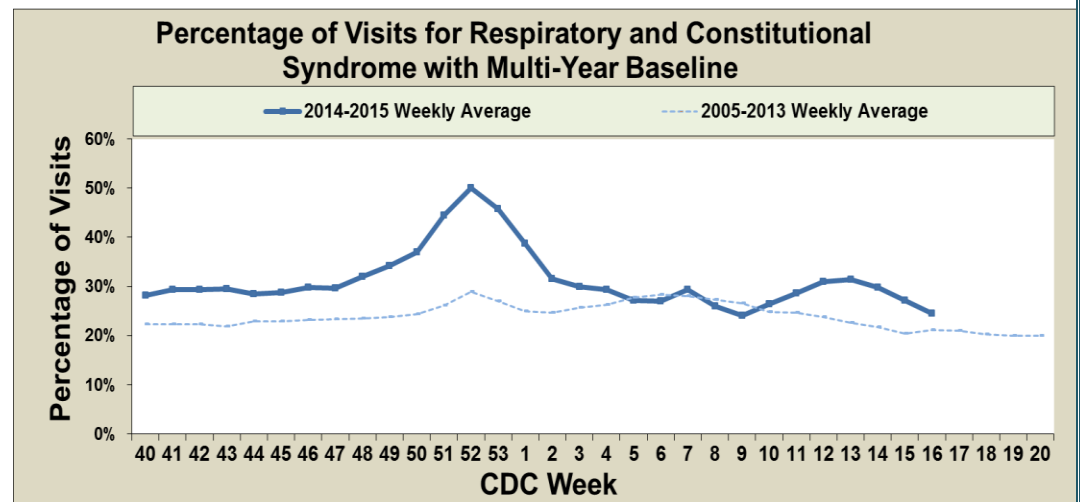
- ◆ During week 14 there was a spike in reports given by sentinel providers of visits for ILI in Stark County, but there were no visits to providers reported for ILI during weeks 15 and 16.



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

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

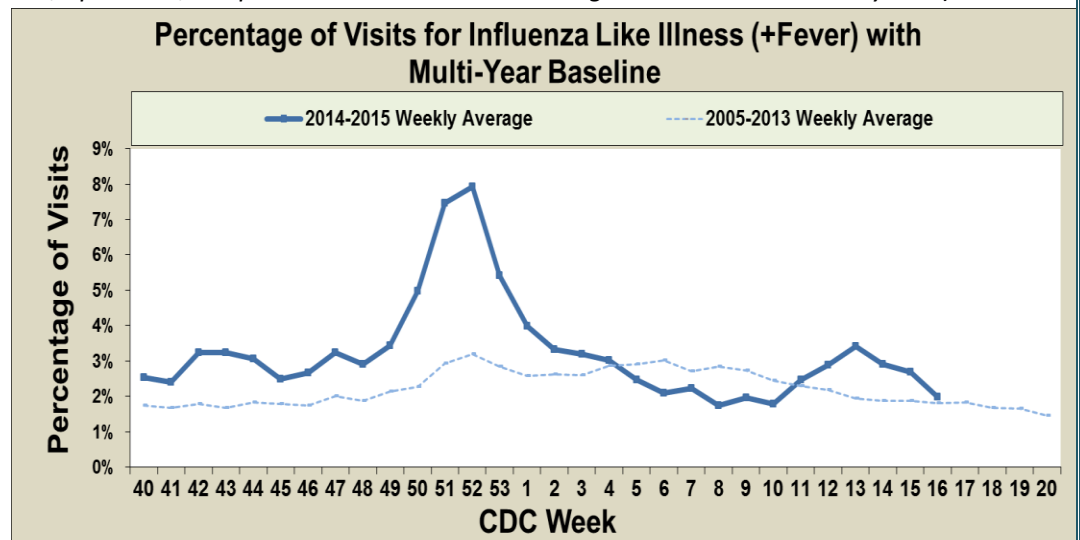
- ◆ During week 16, ED and Stat Care visits for respiratory and constitutional syndrome decreased, but remained above the multi-year baseline.



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 16, ED and Stat Care visits for influenza like illness (+fever) decreased, but remained just above the multi-year baseline.



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