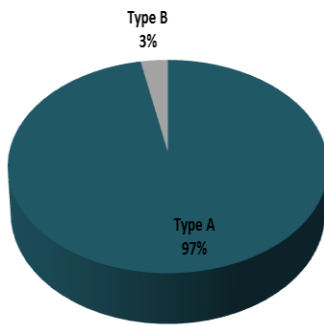


Stark County's Weekly Influenza Report

Week 8 (2/22/15-2/28/2015)

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



- The predominate strain identified locally has been influenza A (97%). Nationally, influenza A stands at 93% of the specimens tested.

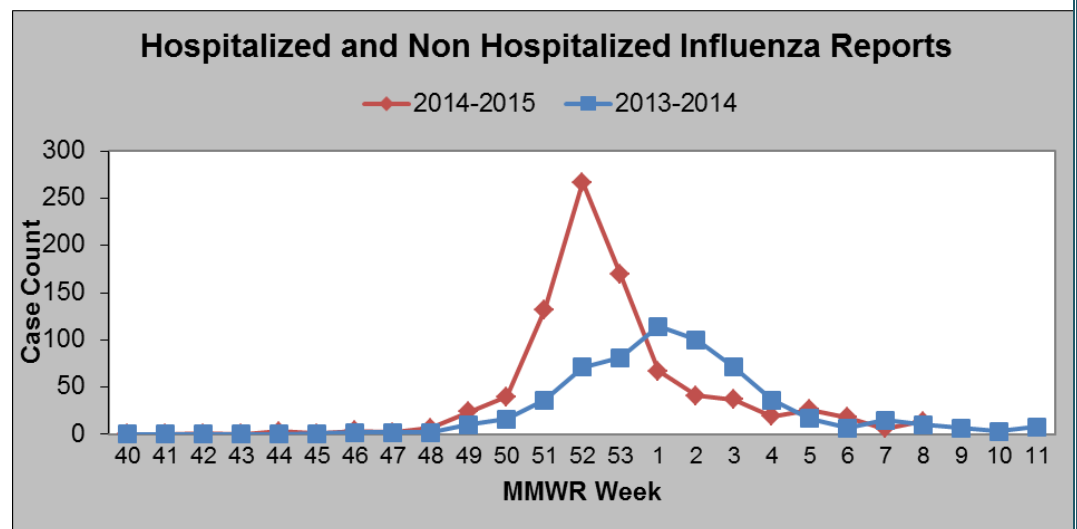
22 Weeks into the Season

- During MMWR week 8 there were 9 influenza-associated hospitalizations in Stark County. This increased the total to 499 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 53.5 laboratory-confirmed influenza-associated hospitalizations per 100,000 population.
- Of the 94,477 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 48% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 814 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 72% were drifted (significantly different) that this year's influenza vaccine.
- Of the 192 specimens characterized nationally as Influenza B, 145 subtyped from the Yamagata Lineage and 47 subtyped from the Victorian Lineage.

- During week 8, 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 7.2%. This is at the 7.2% epidemic threshold.
- Nationally, a total of 97 influenza-associated pediatric deaths have been reported. Out of those deaths, 6 were reported during week 8. Stark County remains having no pediatric deaths associated with influenza.

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

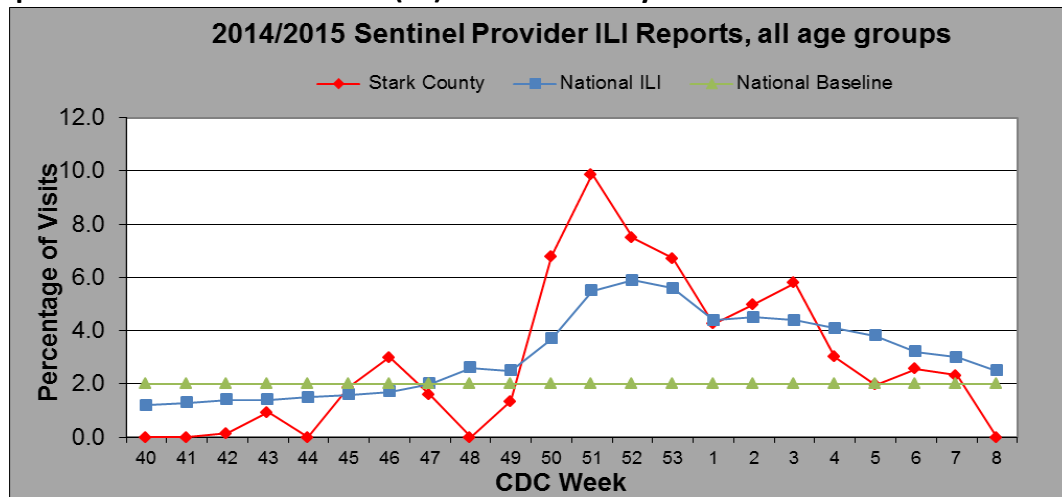
- ◆ During week 8 there was a total of 14 reports of hospitalized and non-hospitalized influenza. This week last year had 10 cases.
- ◆ This year's reports total at 879. The total number of reports for last year by this week was 591.



* 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.

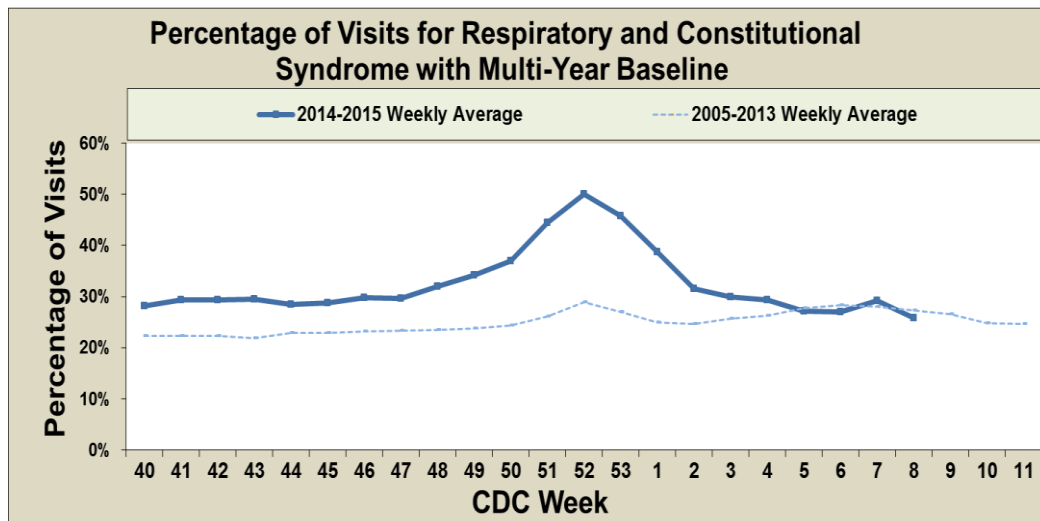
◆ During week 8, the Stark County Sentinel Providers reported no visits for ILI. The percentage of visits dropped below the baseline for Stark County and the national percentage of visits hovered just slightly above it.



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

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

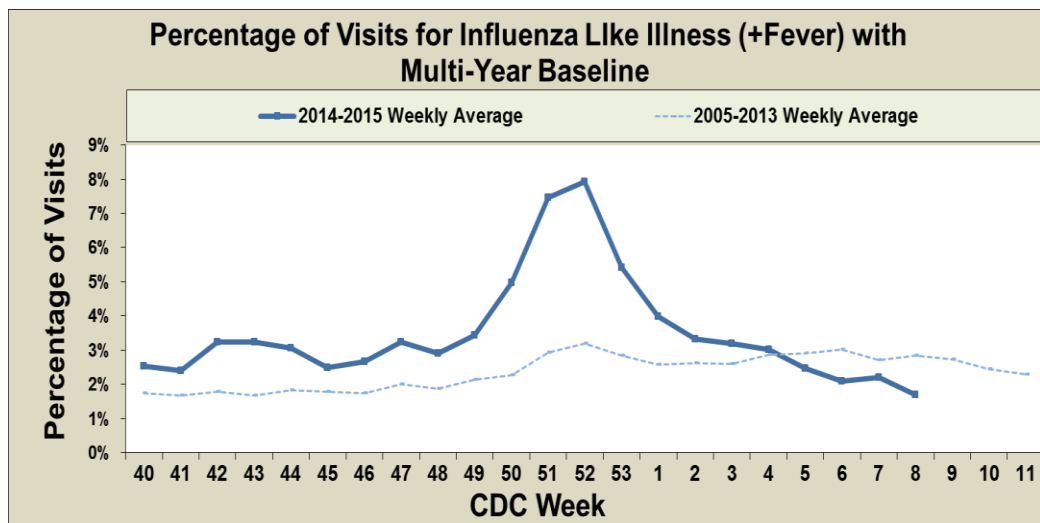
◆ During week 8, ED and Stat Care visits for respiratory and constitutional syndrome decreased and dropped slightly below the multi-year baseline.



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 8, ED and Stat Care visits for respiratory and constitutional syndrome decreased and remained below the multi-year baseline.

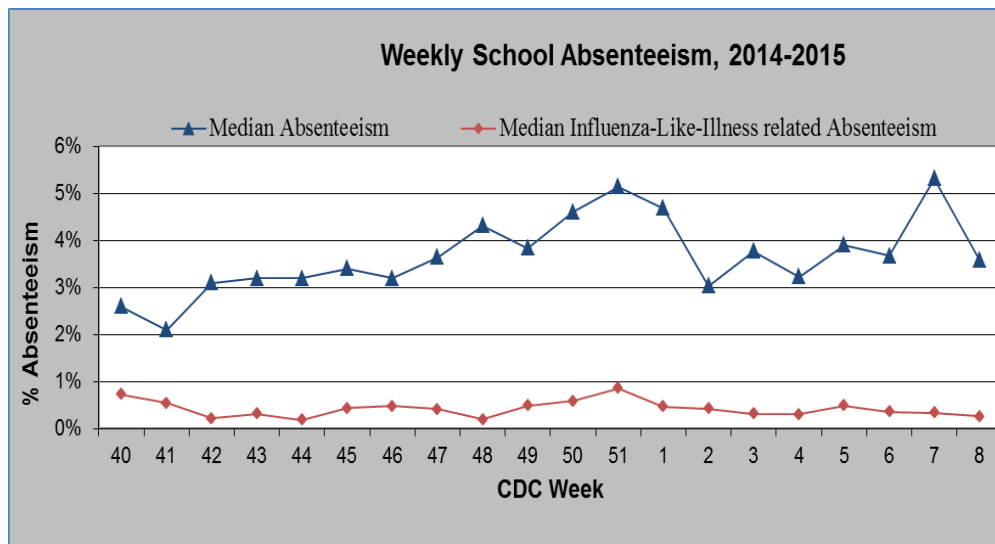


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Graph 5: Stark County School Absenteeism.

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

◆ No school absenteeism reports were given during week 52 and week 53 due to the holidays. Median absenteeism spiked during week 7. This may be due largely to the winter weather. Week 8 showed that ILI absenteeism continued to decline.



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)

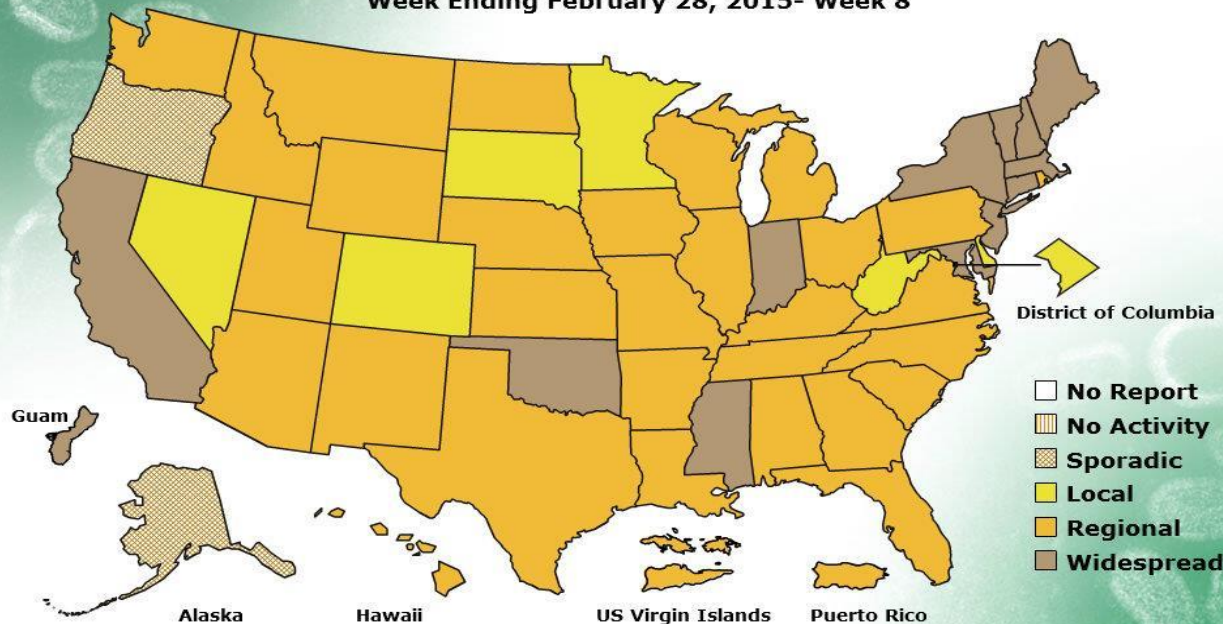
◆ During week 8, Ohio remained at regional influenza activity. Across the nation only 12 states reported widespread influenza activity.

FLUVIEW



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

Week Ending February 28, 2015- Week 8



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

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