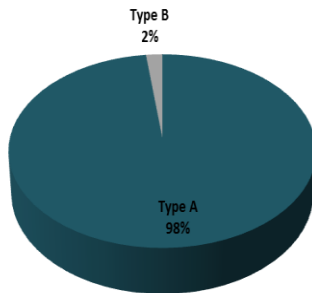


Stark County's Weekly Influenza Report

Week 1 (1/4/14-1/10/15)

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



◆ The predominate strain identified locally has been influenza A (99%). Nationally, influenza A stands at 95% of the specimens tested.

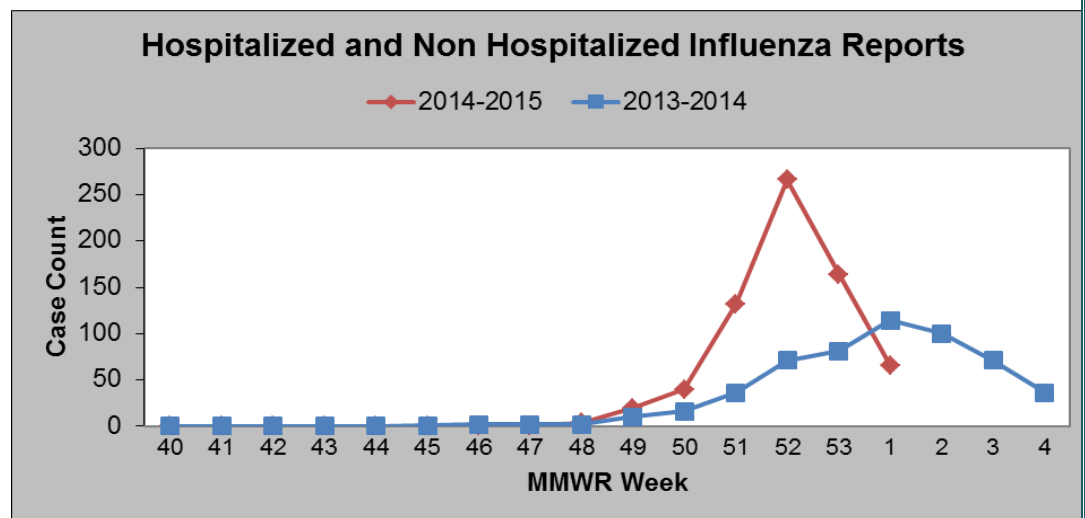
Fourteen Weeks into the Season

- During MMWR week 1 there were 49 influenza-associated hospitalizations in Stark County. This increased the total to 382 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 29.9 laboratory-confirmed influenza-associated hospitalizations per 100, 000 population.
- Of the 57,155 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 41.5% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 349 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 65% were drifted (significantly different) that this year's influenza vaccine.

- Of the 103 specimens characterized nationally as Influenza B, 69 subtyped from the Yamagata Lineage and 34 subtyped from the Victorian Lineage.
- During week 1, 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 7.0% epidemic threshold.
- Nationally, a total of 45 influenza-associated pediatric deaths have been reported. Out of those deaths, 19 were reported during week 1. Stark County remains having no pediatric deaths associated with influenza.

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

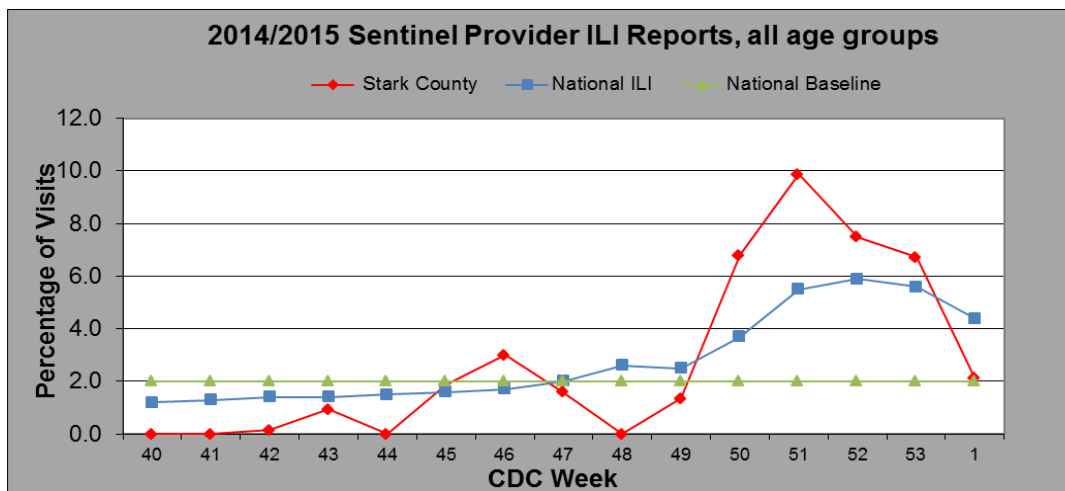
- ◆ During week 1 there was a total of 66 reports of hospitalized and non-hospitalized influenza. This week last year was the peak of the season with 114 cases.
- ◆ This year's reports total at 694. The total number of reports for last year by this week was 335.



* 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.

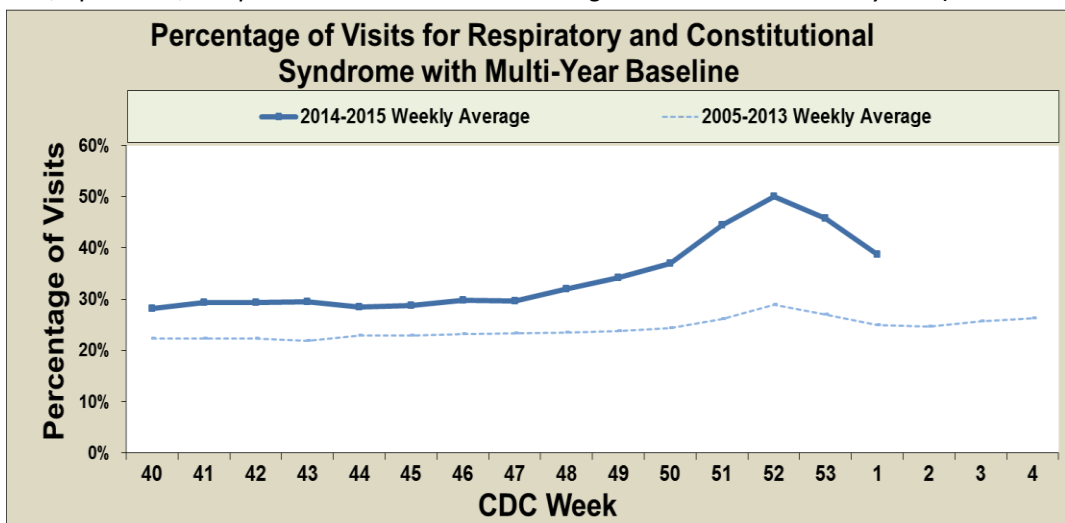
- ◆ The Stark County Sentinel Provider ILI reports decreased almost to baseline during week 1.



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

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

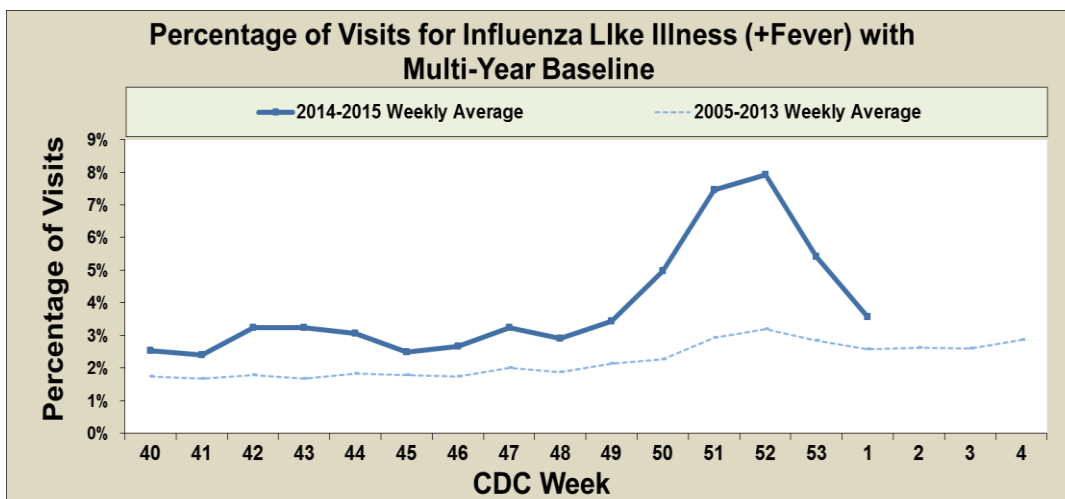
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome continued to show a decrease for the second week in a row, but remained above the multi-year baseline.



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 for the second straight week in a row, but remained above the multi-year baseline.



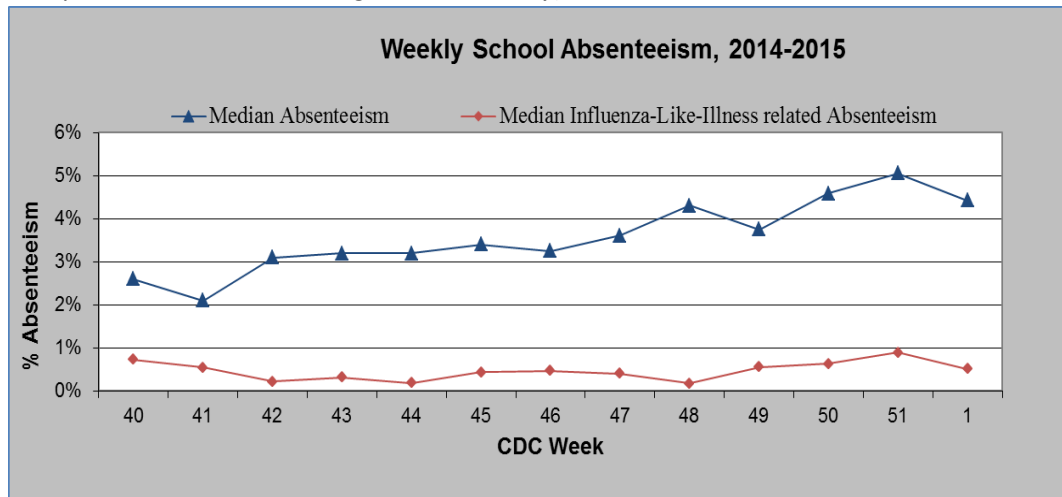
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Graph 5: Stark County School Absenteeism.

(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. This graph excludes these two weeks and shows a decrease in absenteeism after the holiday break.



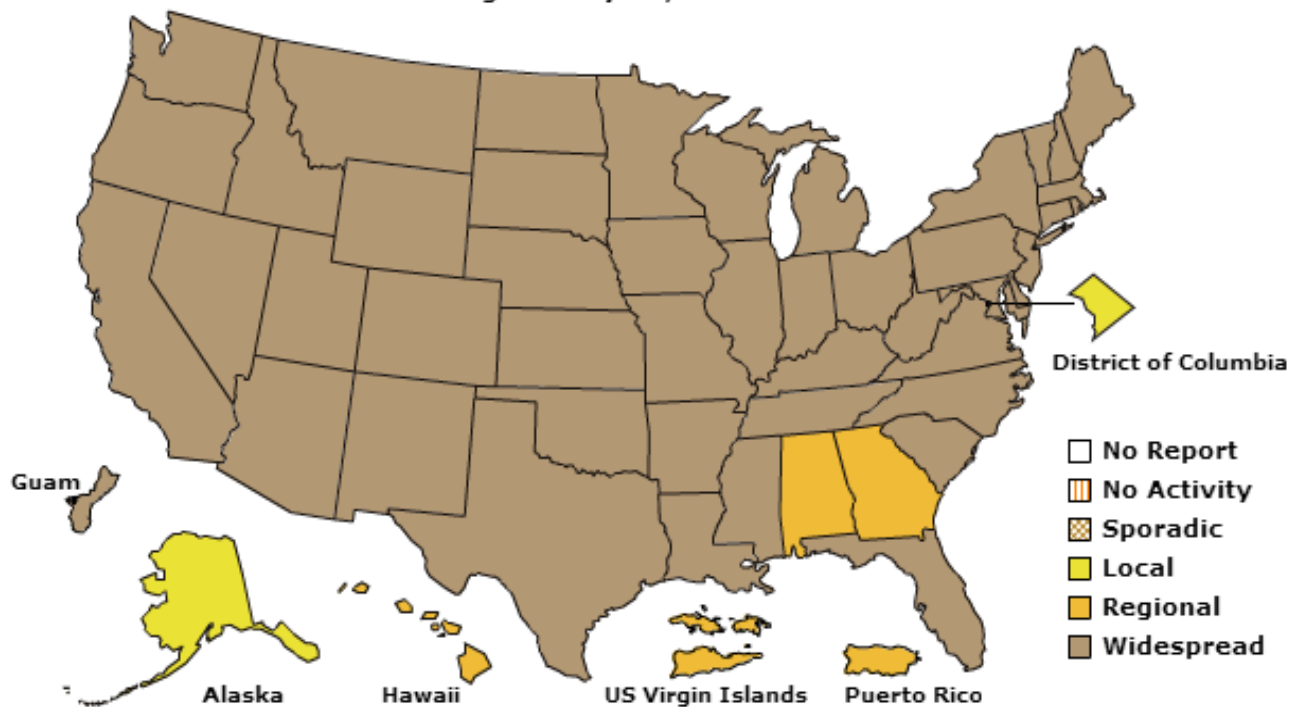
Map: Weekly Geographic Influenza Activity Estimates Reported by State and Territorial Epidemiologists Syndromes.

(Source: Health Monitoring Systems, EpiCenter, hospital and stat care patient registration surveillance system)

◆ During week 1, Ohio held influenza activity at widespread. Across the nation a total of 46 states reported widespread influenza activity.

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

Week Ending January 10, 2015- Week 1



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

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