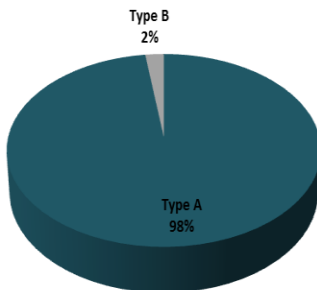


Stark County's Weekly Influenza Report

Week 2 (1/11/14-1/17/15)

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



◆ The predominate strain identified locally has been influenza A (98%). Nationally, influenza A stands at 95% of the specimens tested.

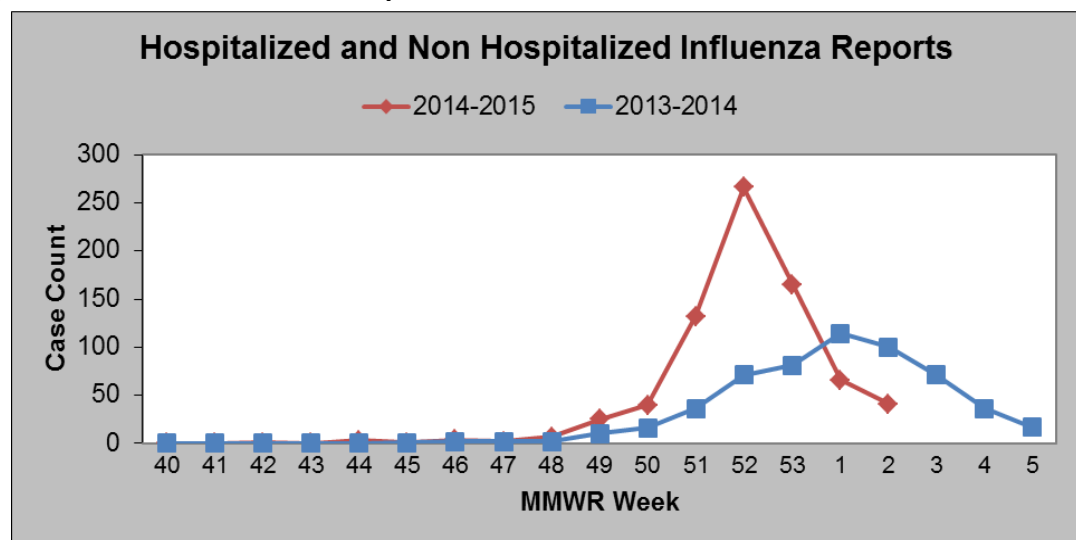
Fifteen Weeks into the Season

- During MMWR week 2 there were 31 influenza-associated hospitalizations in Stark County. This increased the total to 431 hospitalizations for the season.
- In Stark County, 72% of the season's influenza-associated hospitalizations were age 65 or older.
- Nationally the cumulative rate for the season thus far is 36.3 laboratory-confirmed influenza-associated hospitalizations per 100, 000 population.
- Of the 65,086 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 42.6% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 395 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 64% 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. This did not change from week 1.
- During week 2, 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 9.3%. This is above the 7.1% epidemic threshold.
- Nationally, a total of 56 influenza-associated pediatric deaths have been reported. Out of those deaths, 11 were reported during week 2. Stark County remains having no pediatric deaths associated with influenza.

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

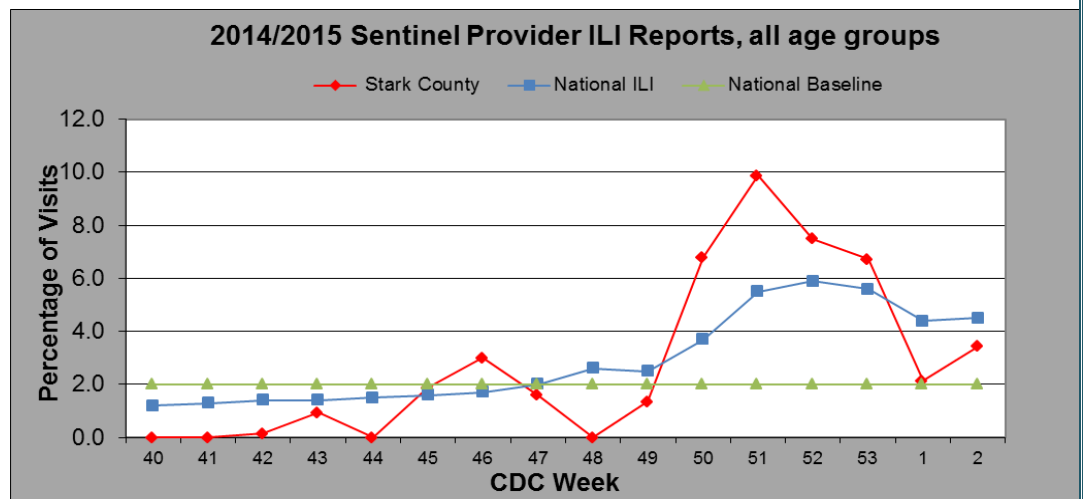
- ◆ During week 2 there was a total of 41 reports of hospitalized and non-hospitalized influenza.
- ◆ This year's reports total at 753. The total number of reports for last year by this week was 435.



* 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.

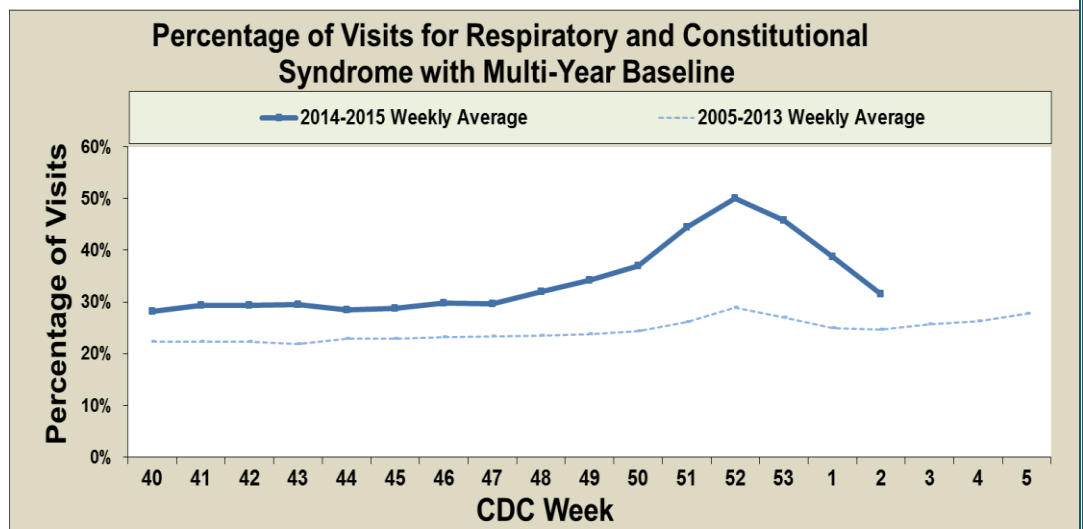
- ◆ The Stark County Sentinel Provider ILI reports increased during week 2, but remained below the national percentage of outpatient visits for ILI.



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

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

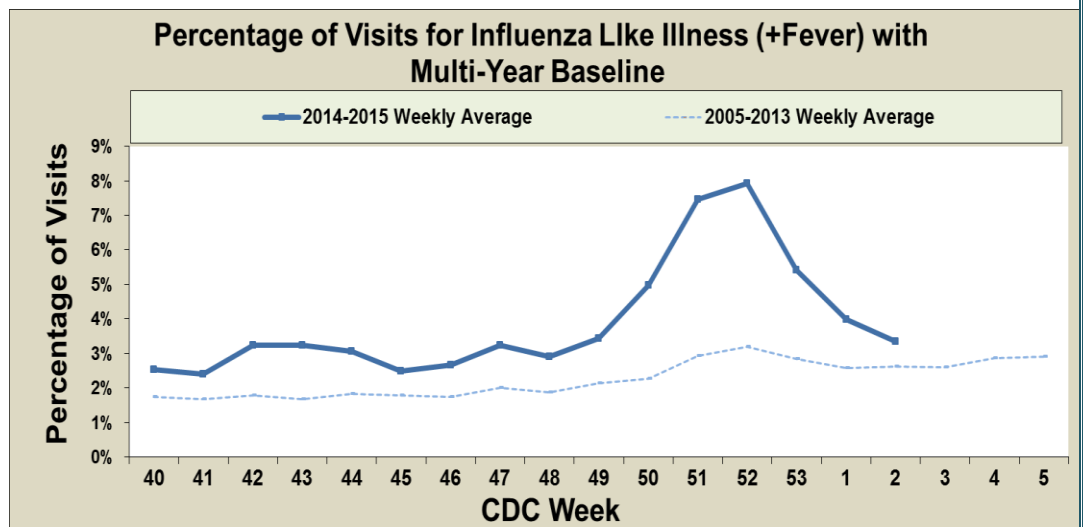
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome continued to show a decrease for the third week in a row, but remained above the multi-year baseline.



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



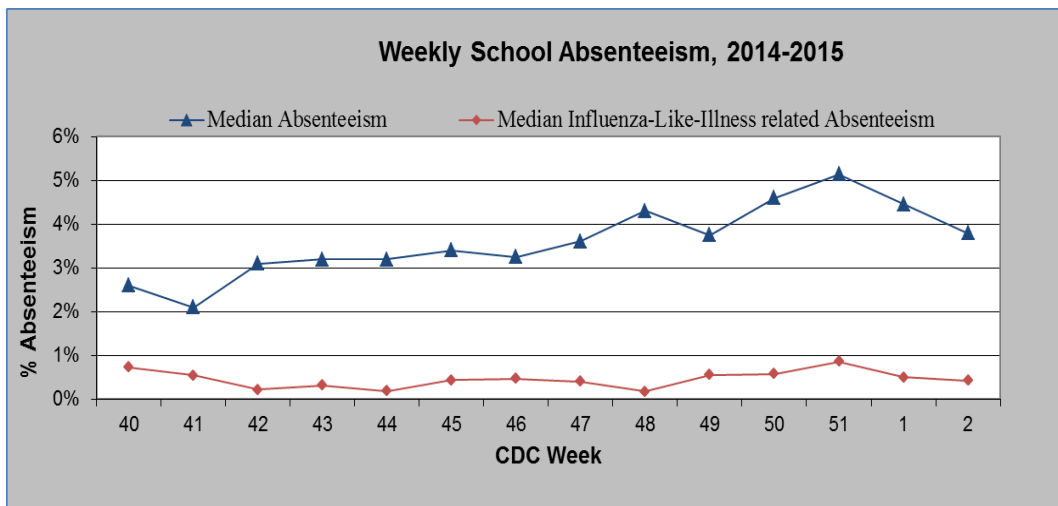
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Graph 5: Stark County School Absenteeism.

(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 continued 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)

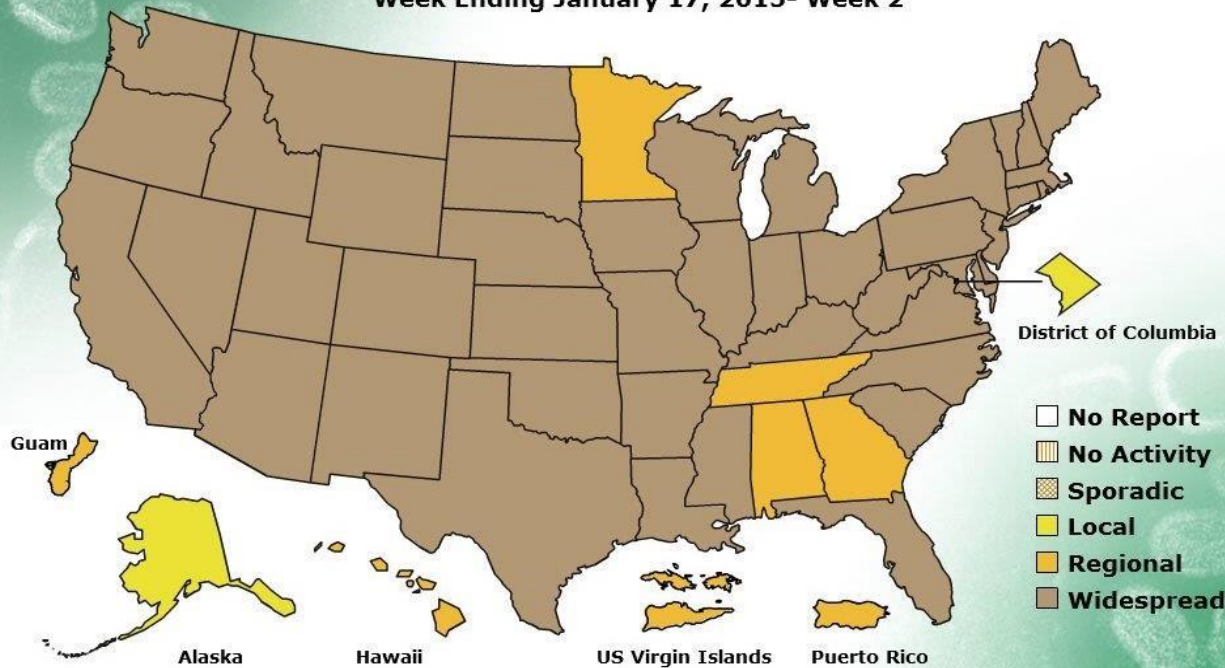
◆ During week 2, Ohio held influenza activity at widespread. Across the nation a total of 44 states reported widespread influenza activity.

FLUVIEW



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

Week Ending January 17, 2015- Week 2



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

* 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.