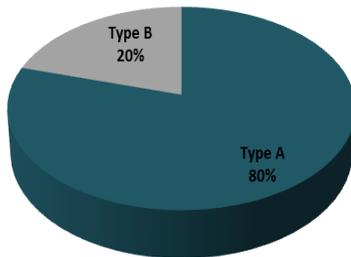


Stark County's Weekly Influenza Report

Week 14 (4/5/15-4/11/2015)

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



- The predominate strain identified locally has been influenza A (80%). Nationally, influenza A stands at 86% of the specimens tested.

6 Weeks Left of the Reporting Season

- During MMWR week 14 there were 19 influenza-associated hospitalizations in Stark County. This increased the total to 552 hospitalizations for the season.
- In Stark County, 70% of the season's influenza-associated hospitalizations were age 65 or older.
- Nationally the cumulative rate for the season thus far is 62.4 laboratory-confirmed influenza-associated hospitalizations per 100,000 population.
- Of the 103,052 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 49.9% subtyped as the H3 virus, and the rest were not subtyped.

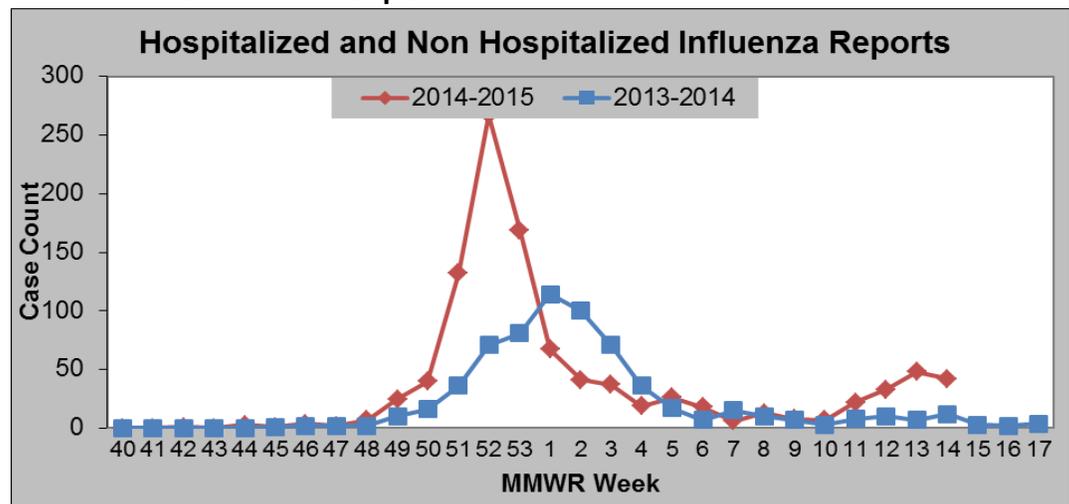
• Nationally, 1,102 of the influenza A (H3N2) viruses

collected were antigenetically characterized since October 1, 2014. Of those characterized, 78% were drifted (significantly different) that this year's influenza vaccine. This remained the same from week 13.

- Of the 459 specimens characterized nationally as Influenza B, 332 subtyped from the Yamagata Lineage and 127 subtyped from the Victorian Lineage.
- During week 14, 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 6.1%. This is below the 7.0% epidemic threshold for this week.
- Nationally, a total of 125 influenza-associated pediatric deaths have been reported. Out of those deaths, zero were reported during week 14. Stark County remains having no pediatric deaths associated with influenza.

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

- ◆ During week 14 there was a total of 42 reports of hospitalized and non-hospitalized influenza. This week last year had 12 cases.
- ◆ This year's reports total at 1,038. The total number of reports for last year by this week was 638.

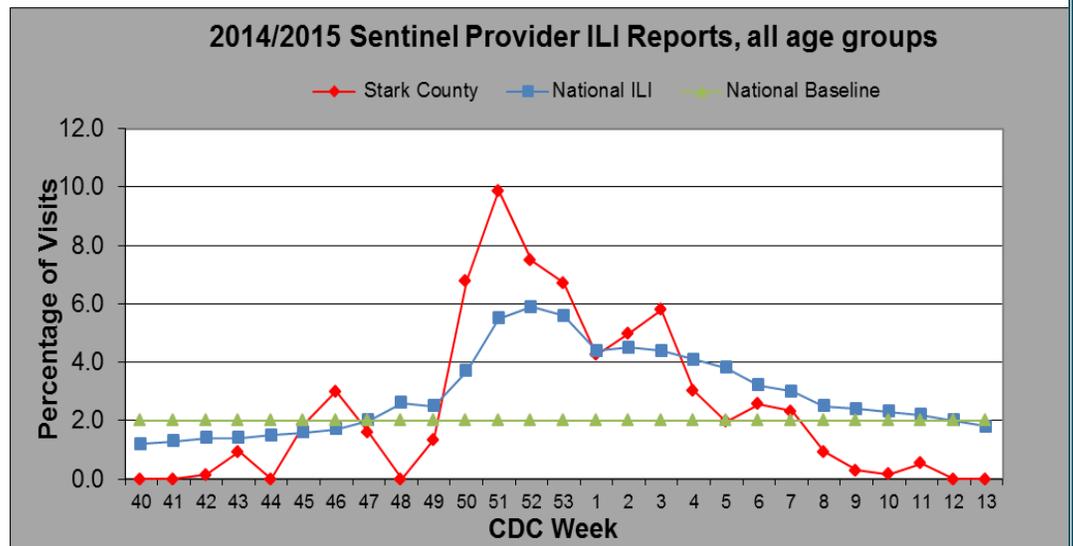


* All data presented in this weekly report are preliminary and may change as additional information is received.

* 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.

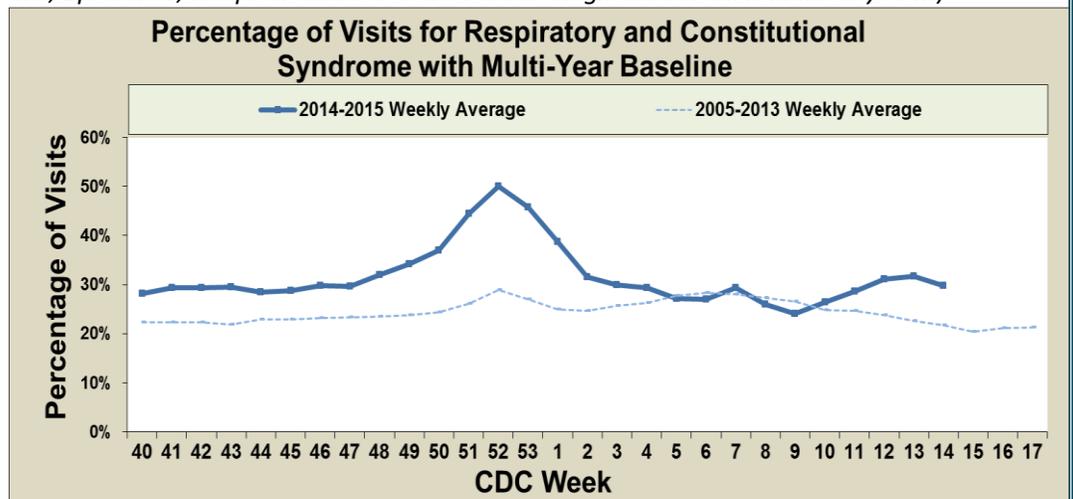
- ◆ No new updated reports were given as to whether or not sentinel providers reported ILI visits during week 14. The graph displayed is the same as week 13.



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

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

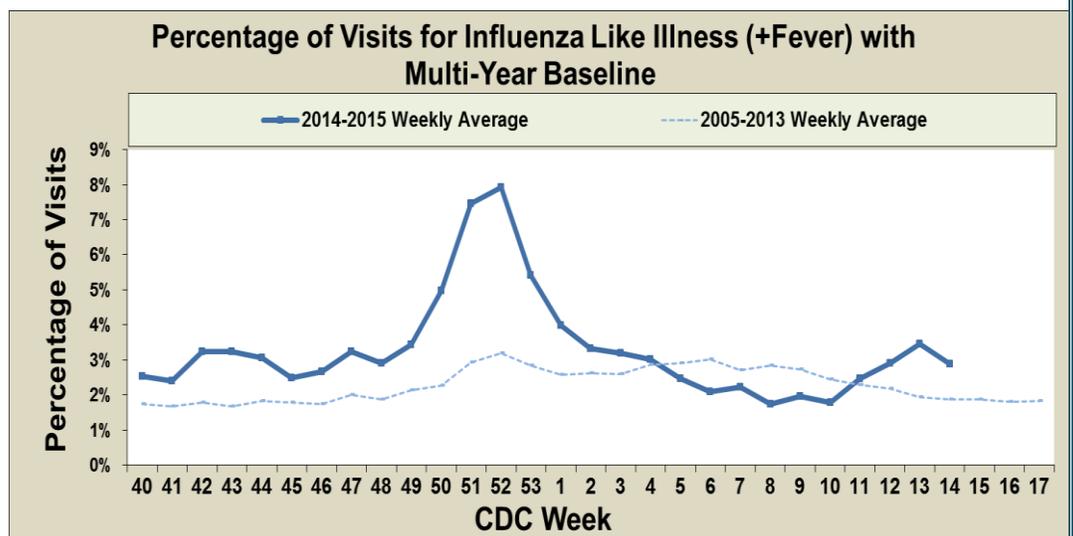
- ◆ During week 14, ED and Stat Care visits for respiratory and constitutional syndrome decreased, but remained above the multi-year baseline.



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



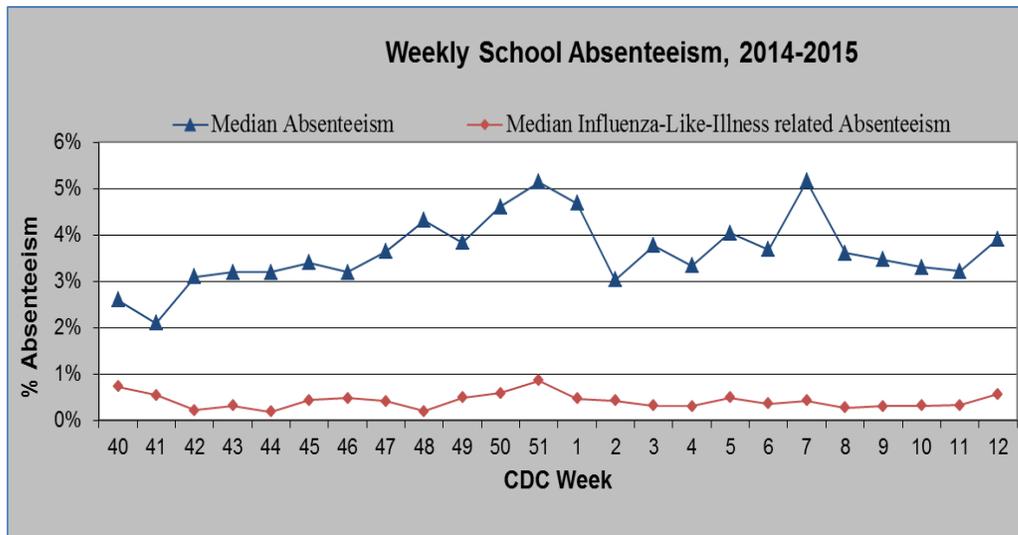
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Graph 5: Stark County School Absenteeism.

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

◆ School absenteeism reporting ends on 3/31/2015. No more school reports will be added for the rest of the 2014-2015 influenza season.



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)

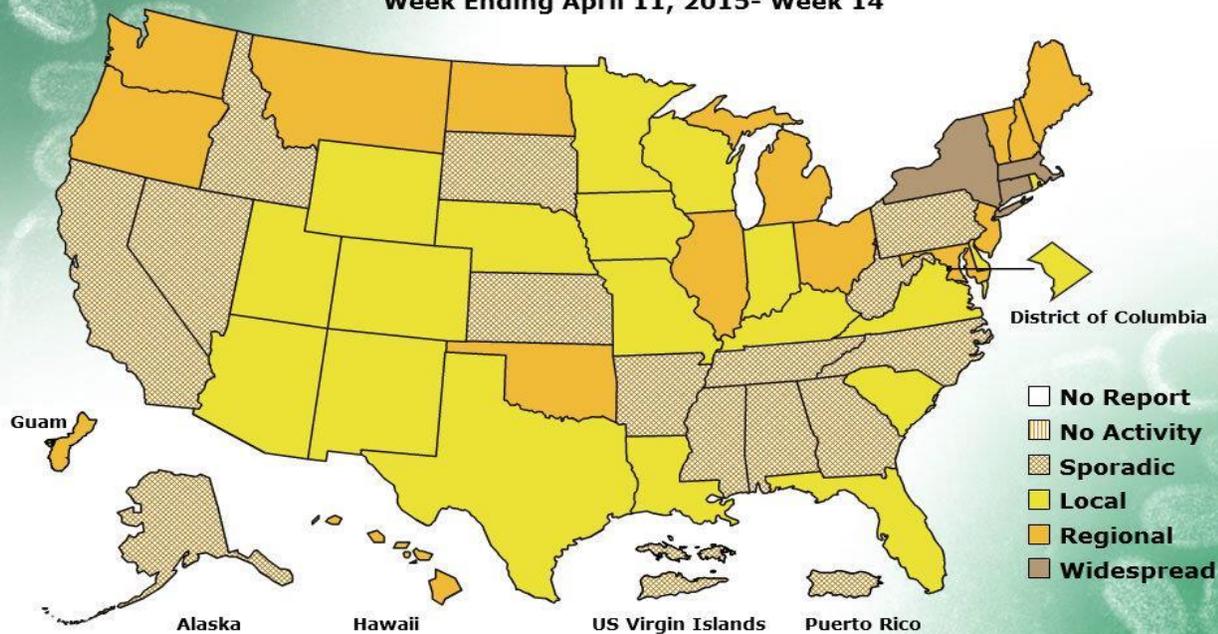
◆ During week 14, Ohio remained at regional influenza activity. Across the nation only three states reported widespread influenza activity.

FLUVIEW



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

Week Ending April 11, 2015- Week 14



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

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