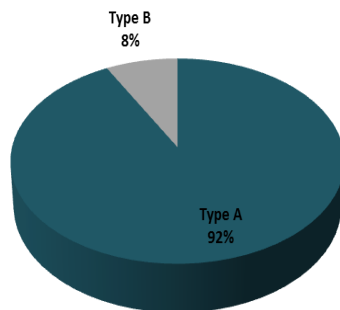


Stark County's Weekly Influenza Report

Week 11 (3/15/15-3/21/2015)

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



➤ The predominate strain identified locally has been influenza A (92%). Nationally, influenza A stands at 89% of the specimens tested.

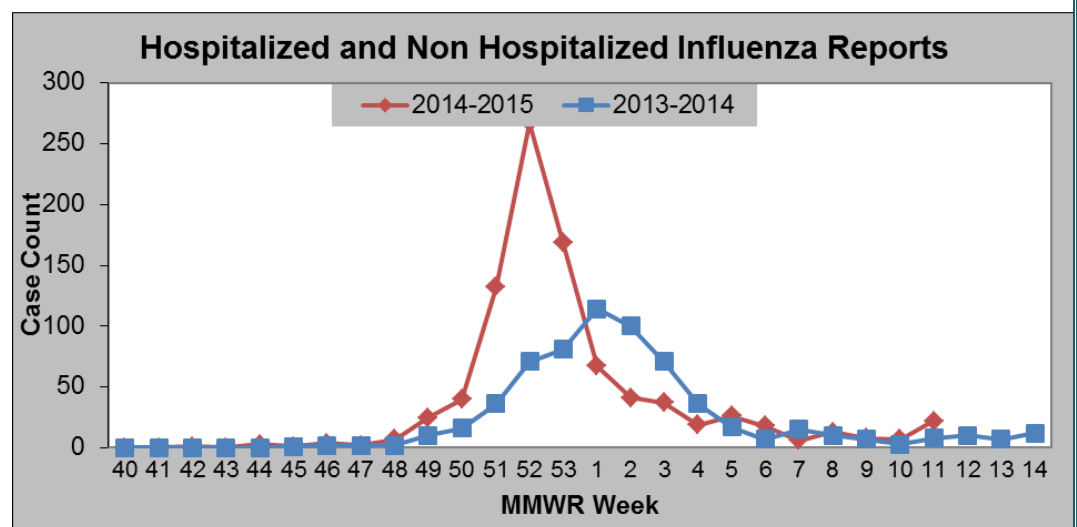
25 Weeks into the Season

- During MMWR week 11 there were 9 influenza-associated hospitalizations in Stark County. This increased the total to 511 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 58.4 laboratory-confirmed influenza-associated hospitalizations per 100,000 population.
- Of the 100,361 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 49% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 1,026 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 76% were drifted (significantly different) that this year's influenza vaccine.

- Of the 293 specimens characterized nationally as Influenza B, 207 subtyped from the Yamagata Lineage and 86 subtyped from the Victorian Lineage.
- During week 11, 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 7.4%. This is above the 7.2% epidemic threshold.
- Nationally, a total of 116 influenza-associated pediatric deaths have been reported. Out of those deaths, 9 were reported during week 11. Stark County remains having no pediatric deaths associated with influenza.

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

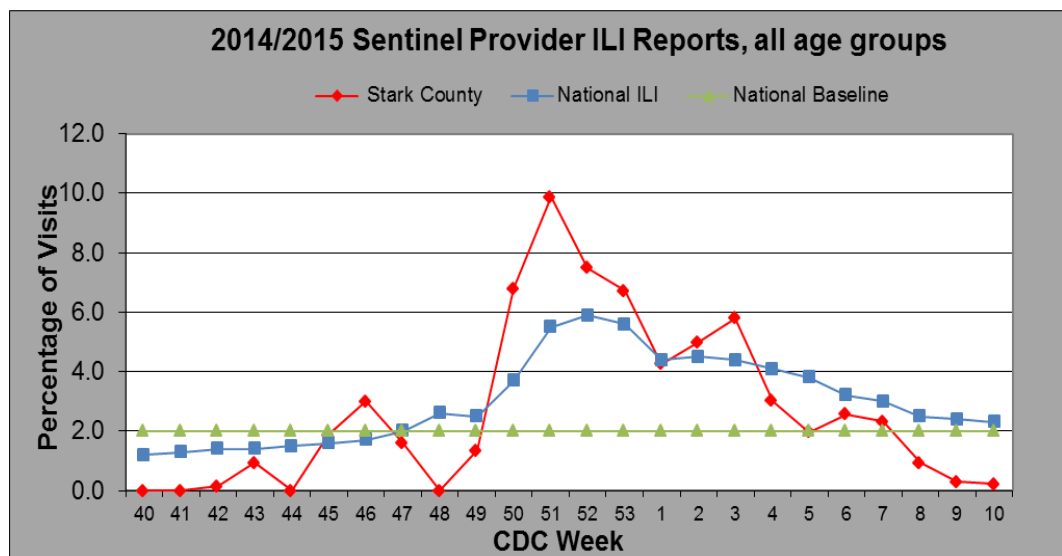
- ◆ During week 11 there was a total of 22 reports of hospitalized and non-hospitalized influenza. This week last year had 8 cases.
- ◆ This year's reports total at 915. The total number of reports for last year by this week was 609.



* 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.

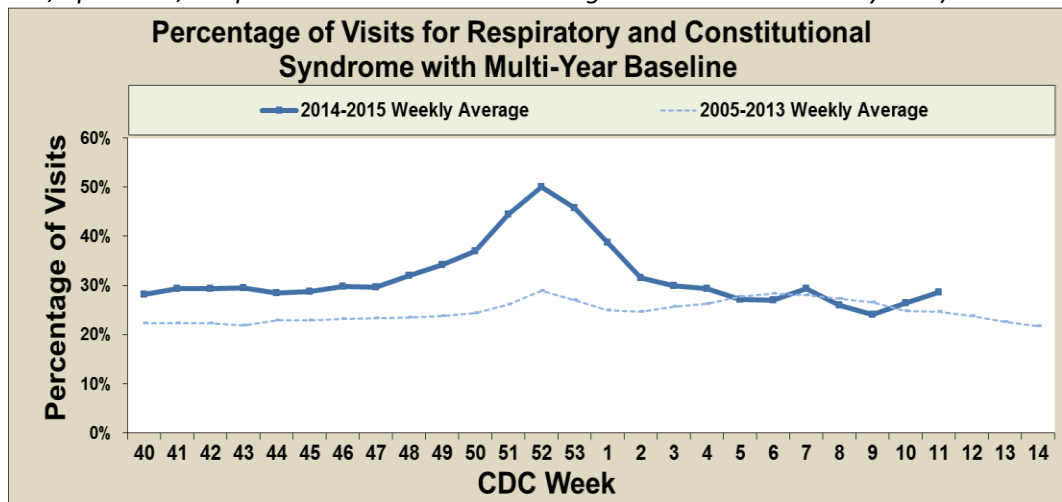
◆ There currently is no sentinel provider data available for week 11. The graph remains the same.



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

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

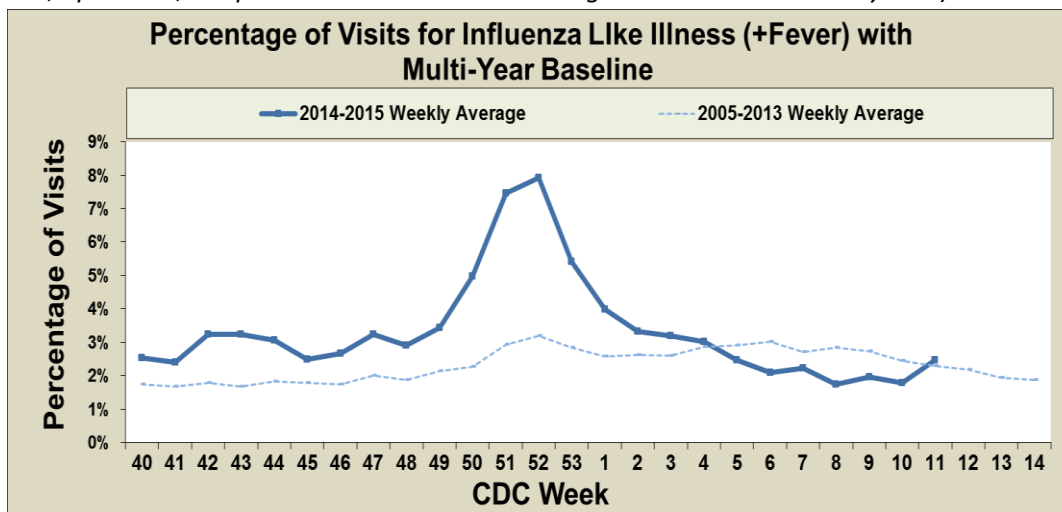
◆ During week 11, ED and Stat Care visits for respiratory and constitutional syndrome increased slightly above the multi-year baseline for the second week in a row.



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 11, ED and Stat Care visits for influenza like illness (+fever) increased to slightly above the multi-year baseline.

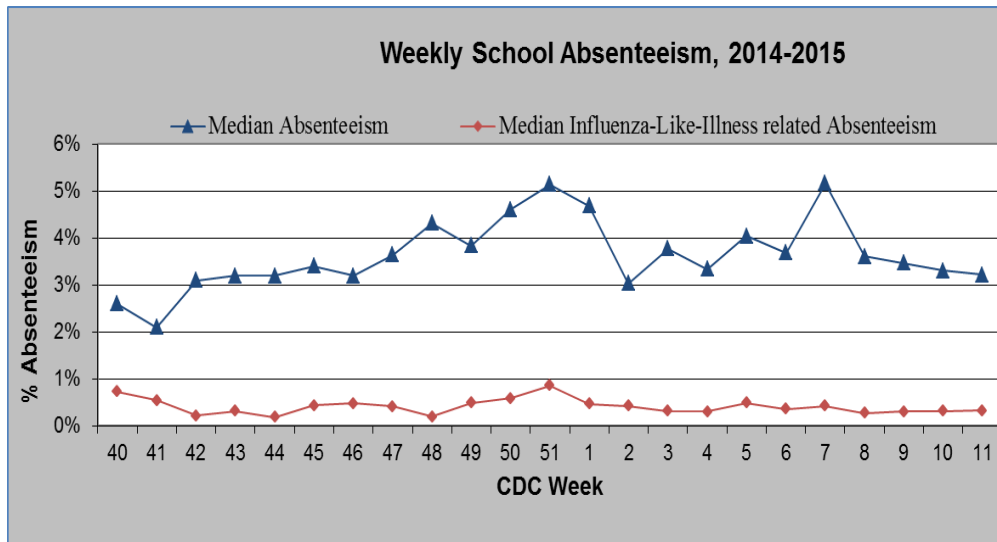


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Graph 5: Stark County School Absenteeism.

(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. Median absenteeism spiked during week 7, but continued to decline in weeks 8-11.



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)

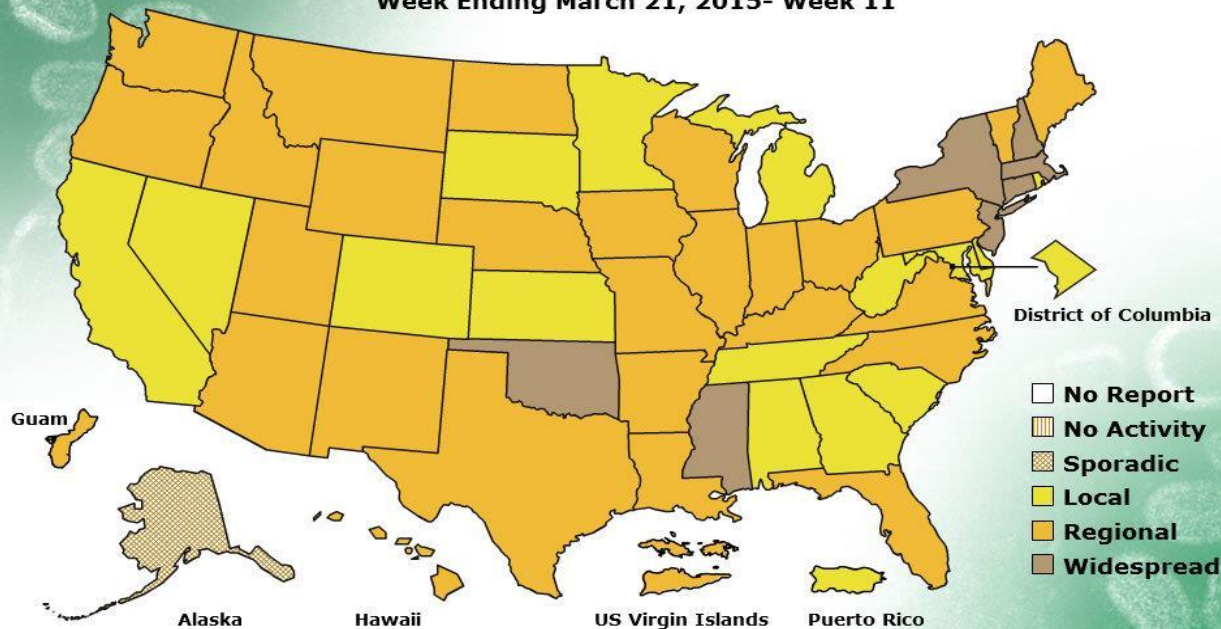
◆ During week 11, Ohio remained at regional influenza activity. Across the nation only seven states reported widespread influenza activity. This remained the same from week 10.

FLUVIEW



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

Week Ending March 21, 2015- Week 11



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

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