

Stark County's Influenza Weekly Report

Week 42 (10/18/15-10/24/15)

Three Weeks into the Season

- During week 42 Stark County continued with zero influenza-associated hospitalizations.
- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100, 000 population is still not available yet this season.
- So far this year, 106 influenza A specimens were collected and tested by public health laboratories, nine subtyped as the 2009 H1N1 virus, 88 subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 232 of the influenza A (H3N2) viruses collected were antigenetically characterized prior to October 1, 2015. Of those characterized, none were drifted (significantly different) that this year's influenza vaccine.
- Of the 65 specimens characterized nationally as Influenza B, 38 subtyped from the Yamagata Lineage and 27 subtyped from the Victorian Lineage.
- During week 42, 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 5.8%. This is below the 6.1% epidemic threshold.
- Nationally, no influenza-associated pediatric deaths have been reported.

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

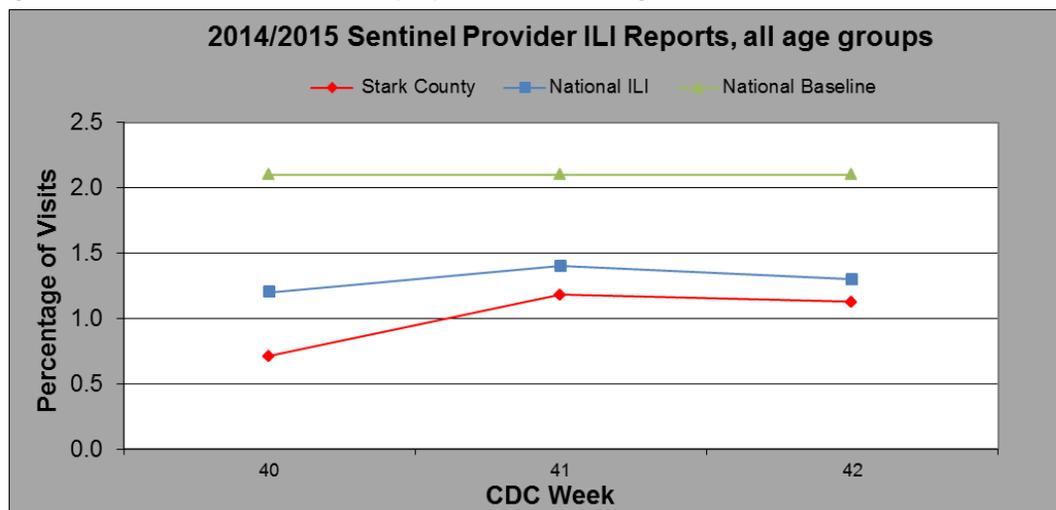
- ◆ There were no cases of hospitalized nor non-hospitalized cases of influenza to report for Week 42 in Stark County.

** 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.

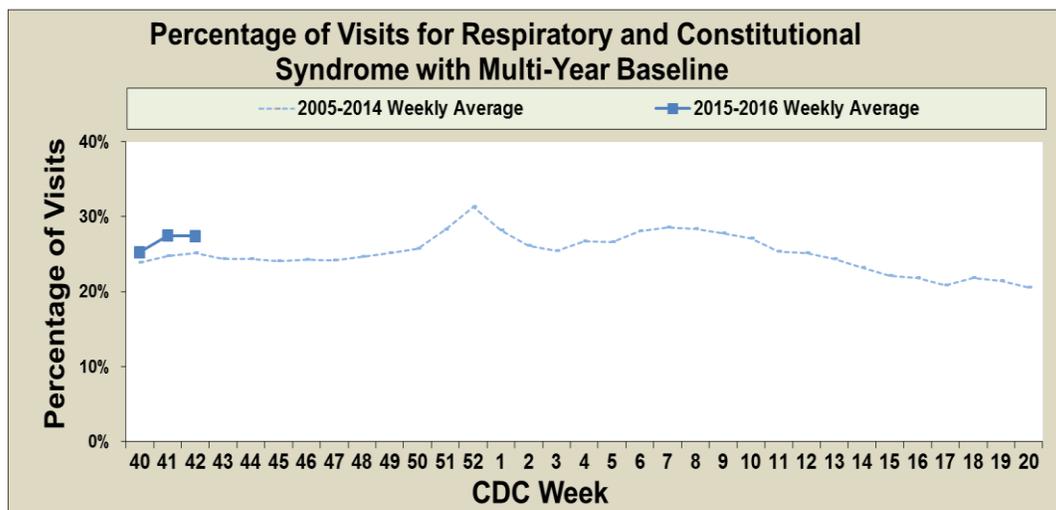
- ◆ Sentinel provider influenza-like illness (ILI) reports remained below the national ILI number of reports as well as the national baseline.



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

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

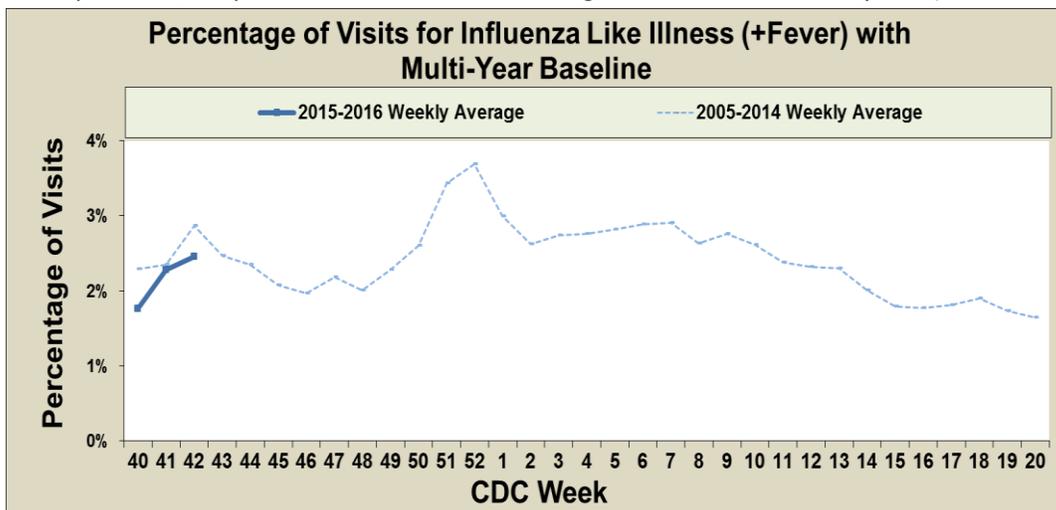
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome remained above the multi-year baseline during week 42.



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 increase during week 42, but remained below the multi-year baseline.

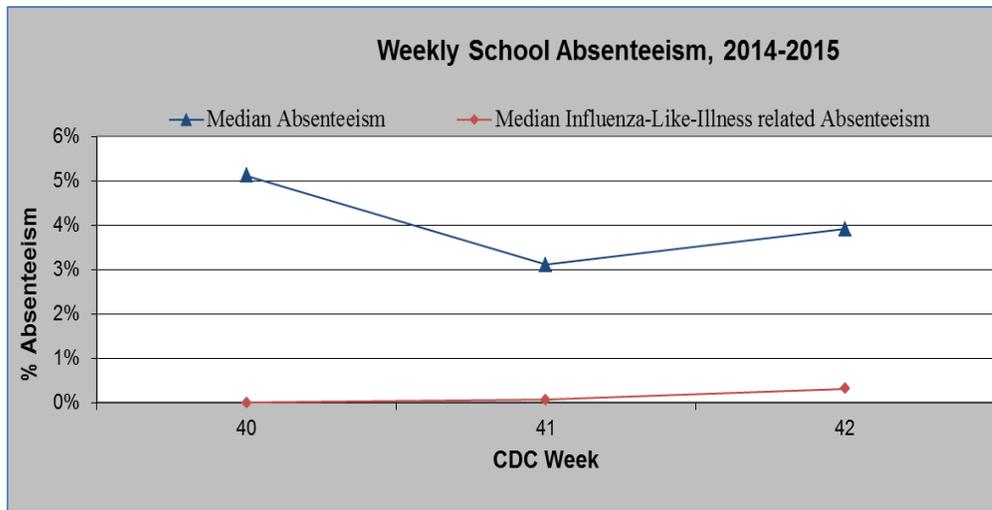


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Graph 5: Stark County School Absenteeism.

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

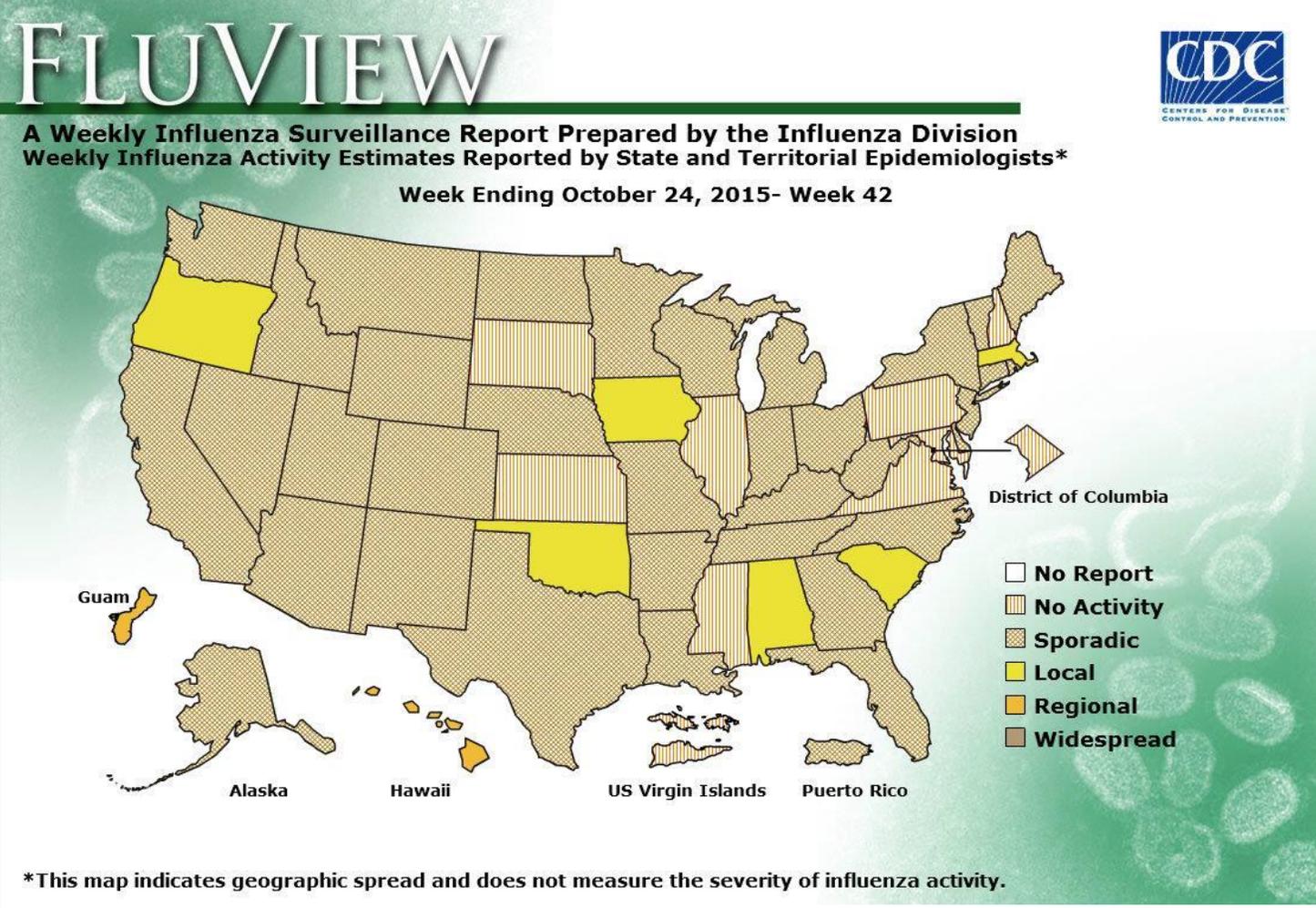
◆ The median absenteeism for influenza-like-illness slightly increased during week 42, but remained well below 1%.



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 42, Ohio had sporadic influenza activity. Eight states still had no influenza activity reported.



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