

Stark County's Influenza Weekly Report

Week 41 (10/11/15-10/17/15)

Two Weeks into the Season

- During week 41 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.
- During week 41, 18 influenza A specimens were collected and tested by public health laboratories, four subtyped as the 2009 H1N1 virus, 45 subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 155 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 62 specimens characterized nationally as Influenza B, 38 subtyped from the Yamagata Lineage and 24 subtyped from the Victorian Lineage.
- During week 41, 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 5.7%. This is below the 6.0% epidemic threshold.
- Nationally, no influenza-associated pediatric deaths have been reported.

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

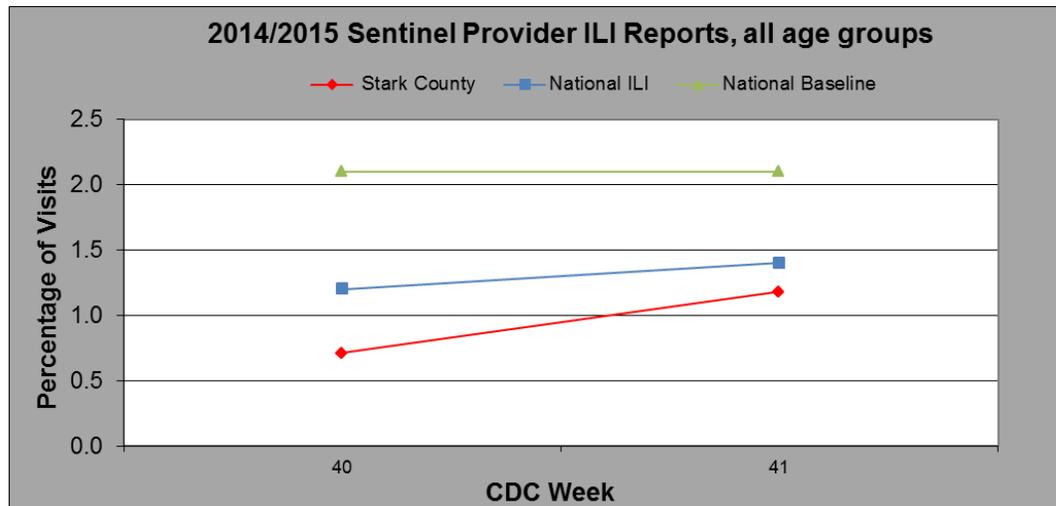
- ◆ There were no cases of hospitalized nor non-hospitalized cases of influenza to report for Week 41 in Stark County.

** 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.

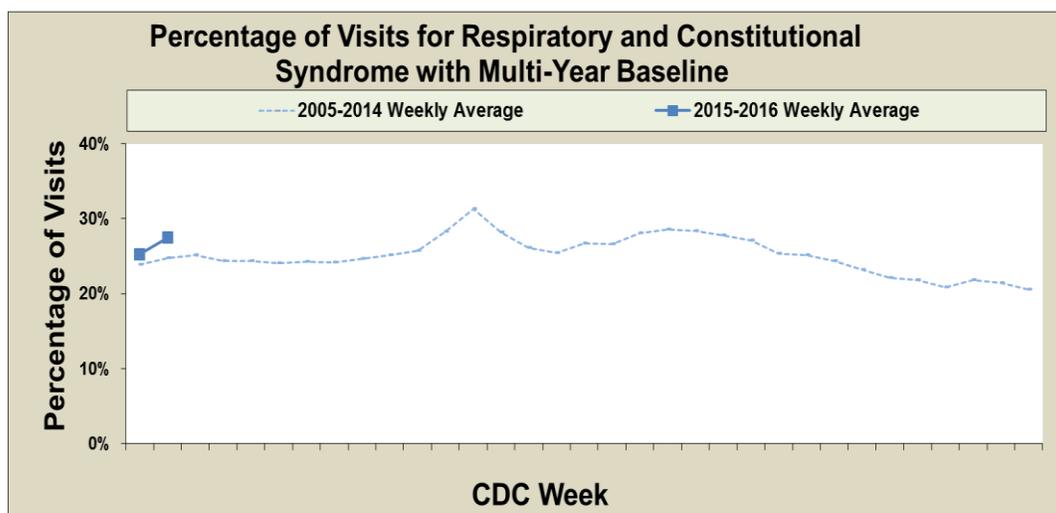
- ◆ Sentinel provider influenza-like illness (ILI) reports remained below the national ILI number of reports as well as the national baseline, but did increase slightly from week 40.



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

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

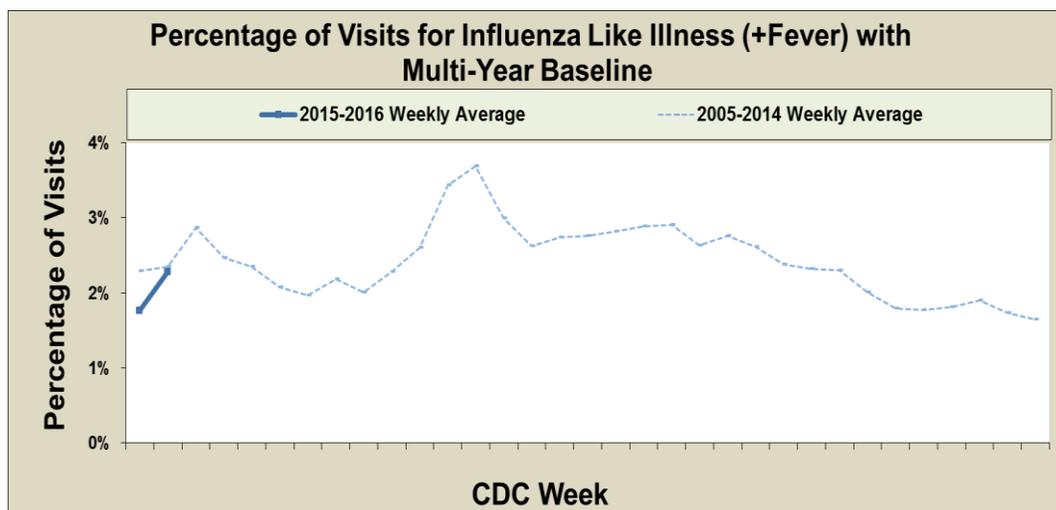
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome continued to increase above the multi-year baseline during week 41.



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 increased to just below the multi-year baseline during week 41.



* 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.

