

Stark County's Influenza Weekly Report

Week 40 (10/4/15-10/10/15)

One Week into the Season

- During week 40 Stark County had zero influenza-associated hospitalizations.
- The national cumulative rate for laboratory-confirmed influenza-associated hospitalizations per 100, 000 population is not available yet this season.
- During week 40, 26 influenza A specimens were collected nationally, two subtyped as the 2009 H1N1 virus and 24 subtyped as the H3 virus.
- Nationally, 149 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 40, 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 5.3%. This is below the 5.9% 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 40 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.*

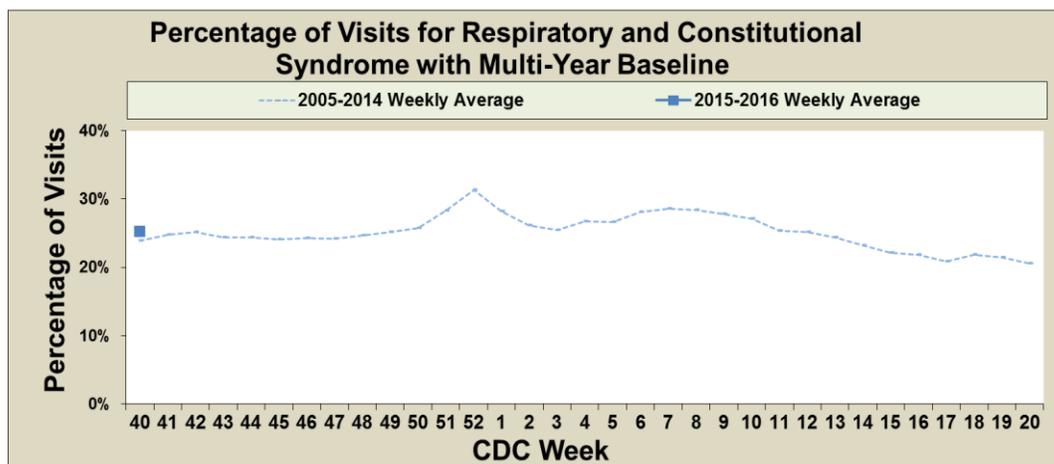
Graph 2: Sentinel Provider Reported Influenza Like Illness (ILI) in Stark County.

- ◆ Reporting will begin on Week 41.

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

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

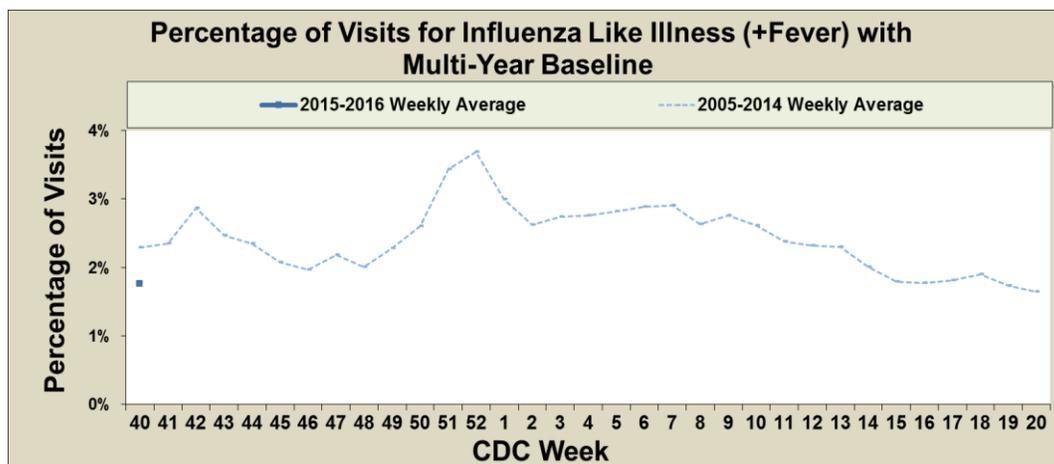
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome began the season just slightly above the multi-year average.



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 started off below the multi-year average.



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Graph 5: Stark County School Absenteeism.

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

- ◆ Reporting will begin on Week 41.

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)

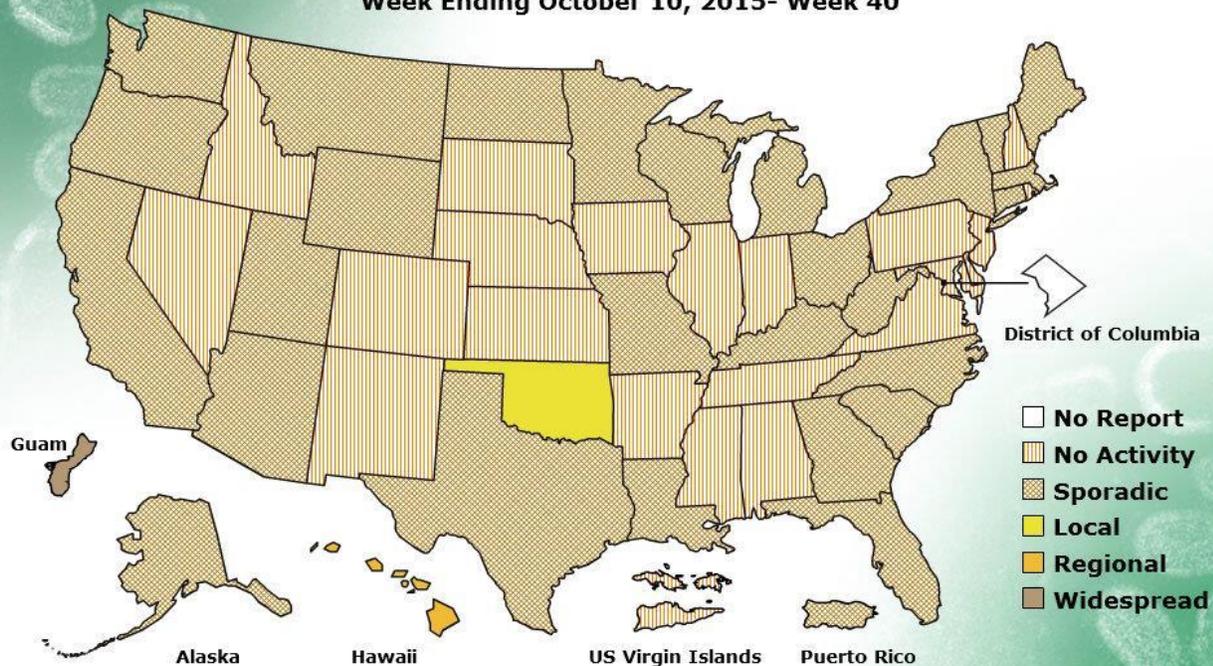
- ◆ During week 40, Ohio had sporadic influenza activity. Twenty-one states still had no influenza activity reported.

FLUVIEW



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

Week Ending October 10, 2015- Week 40



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

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