

Stark County's Influenza Weekly Report



Public Health
Prevent. Promote. Protect.

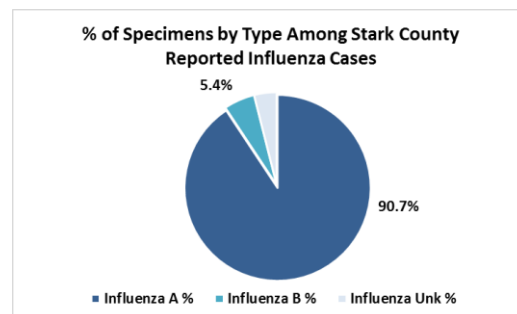
Week 6 (2/3/19-2/9/19)

During Week 6:

- Stark County had 22 influenza-associated hospitalizations.
- Nationally, 6 influenza-associated pediatric deaths were reported this week.
- 1,029 influenza A specimens were collected nationally from public health laboratories, 649 subtyped as the 2009 H1N1 virus, 357 subtyped as the H3 virus, and the remainder not subtyped.

So Far this Season:

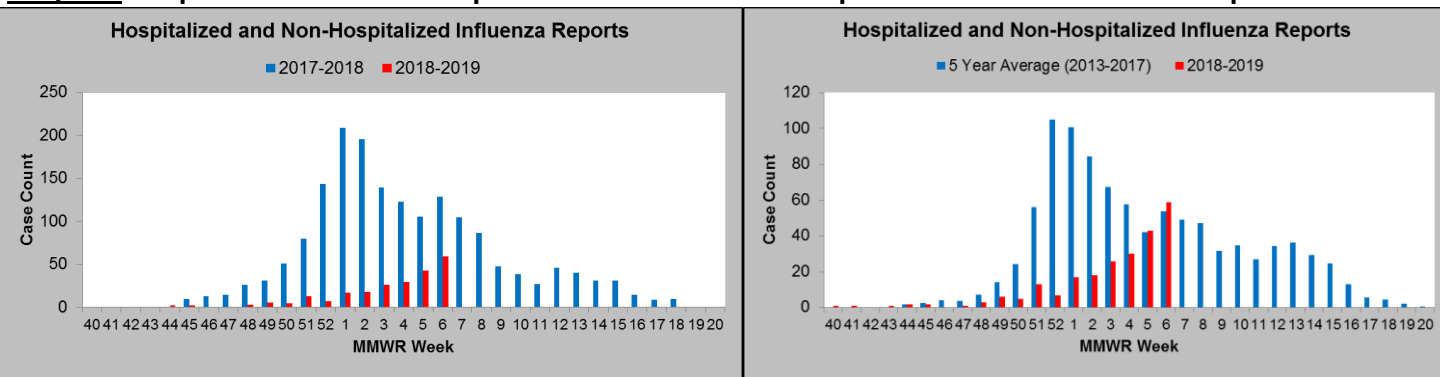
- There have been 86 influenza-associated hospitalizations so far this season in Stark County.
 - Age range of 2 weeks to 97 years; median age 58.
- A national cumulative rate of 23.8 influenza-associated hospitalizations per 100,000 was reported through Week 6.
- 14,056 Influenza A specimens were collected nationally from public health laboratories, comprising 97.3% of all specimens collected. Of these 78.5% were subtyped as the 2009 H1N1 virus while 21.5% were subtyped as the H3 virus.
- Nationally, 34 influenza-associated pediatric deaths have been reported this season.



Viruses Circulating vs. Viruses in this Year's Vaccine

- Nationally through Week 6, 862 Influenza A specimens were genetically or antigenically characterized.
 - There were 308 Influenza A (H3N2) viruses collected, a sample showing significant genetic diversity. 66% of those characterized matched the Influenza A (H3N2) component in this year's vaccine. There were 554 Influenza A (H1N1) viruses collected; 98.5% of those characterized matched the Influenza A (H1N1) component of this year's vaccine
- Nationally through Week 6, 106 influenza B specimens were genetically or antigenically characterized.
 - Of these, 53 were antigenically characterized from the Yamagata Lineage and 21 characterized from the Victorian Lineage. Of these specimens, 100% of the Yamagata Lineage matched the Influenza B component of the 2018-2019 vaccine and 71.4% of the specimens from the Victorian Lineage matched.

Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.



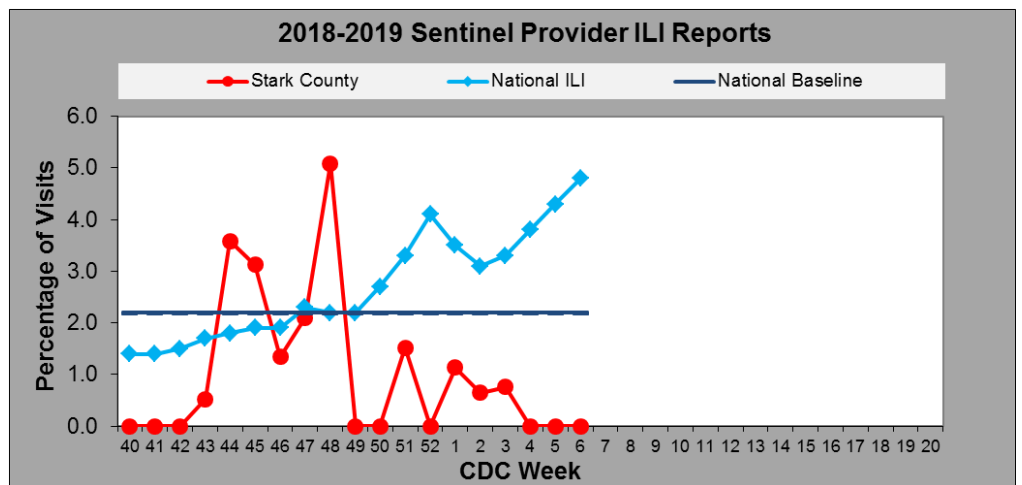
- ◆ There were 59 cases of hospitalized or non-hospitalized influenza reported during Week 6 in Stark County. Last year at the same time there were 129 cases reported.

* 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.

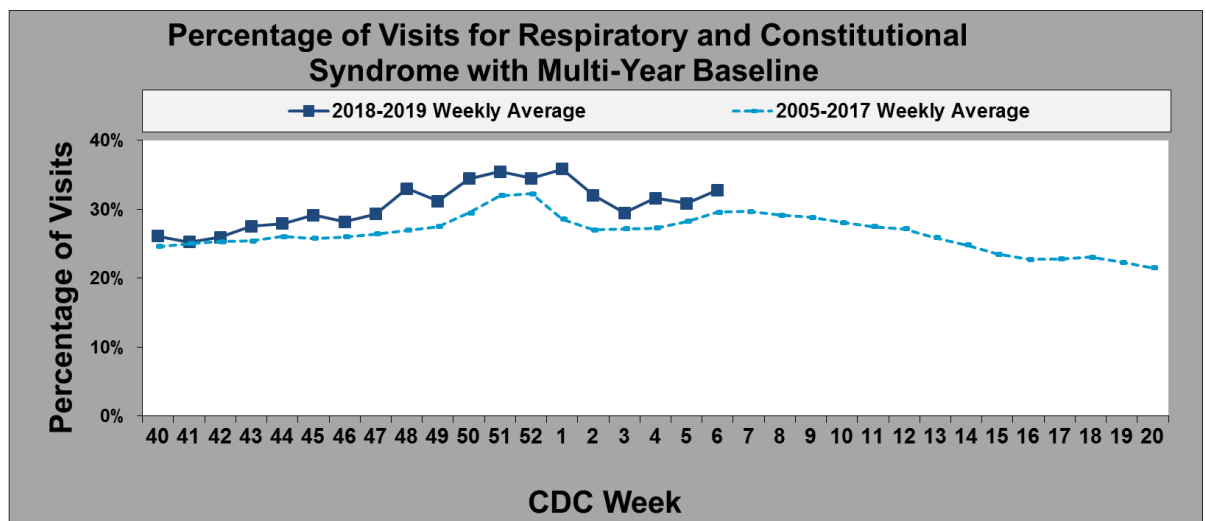
- ◆ During Week 6 the Stark County Sentinel Providers did not report visits for ILI. Nationally 4.8% of visits were for ILI. The national baseline is 2.2% of visits.



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

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

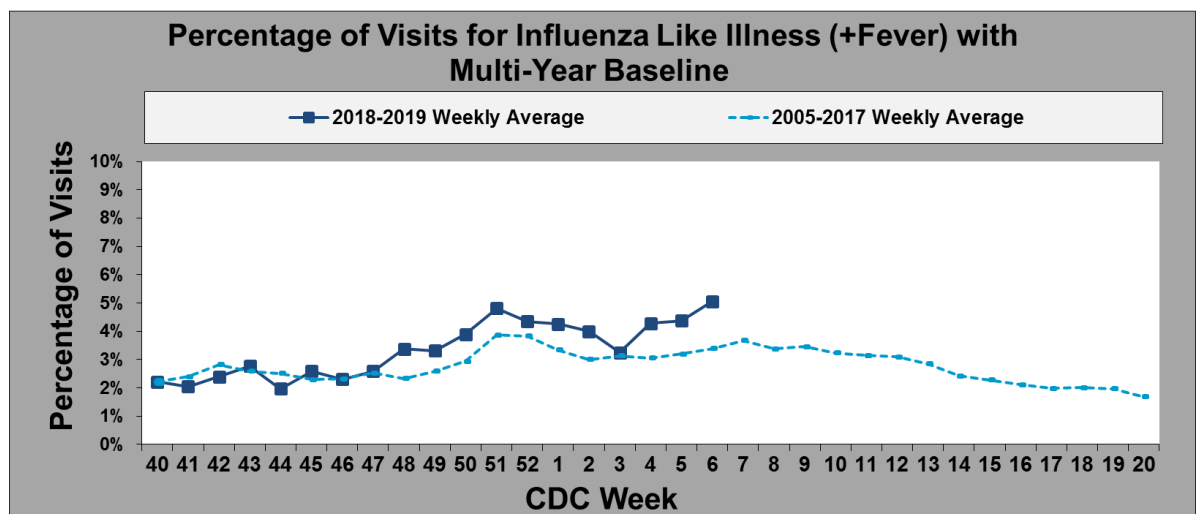
- ◆ ED and Stat Care visits for respiratory and constitutional increased slightly and remained above the multi-year average.



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 for MMWR Week 6 increased and remained above the multi-year average.



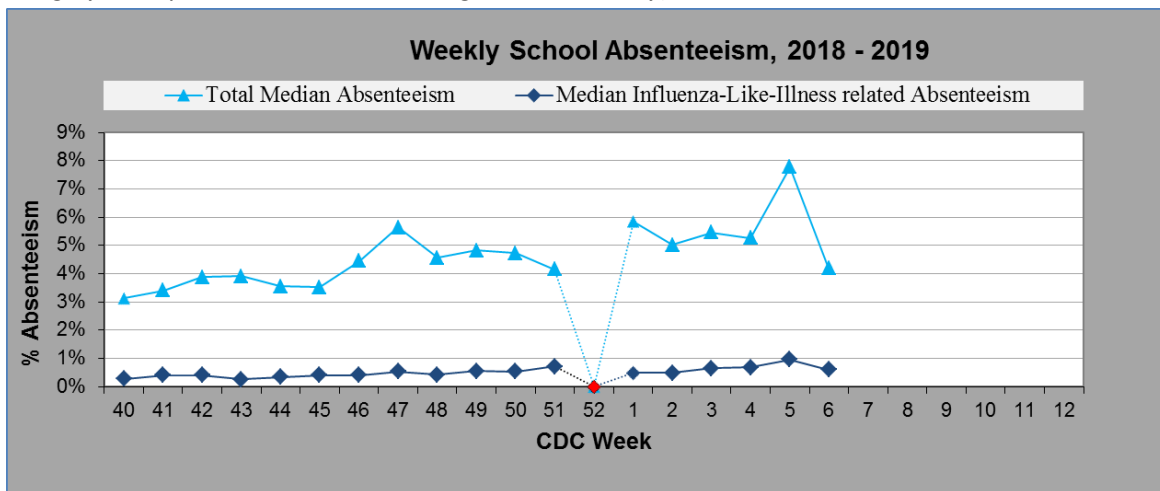
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Graph 5: Stark County School Absenteeism.

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

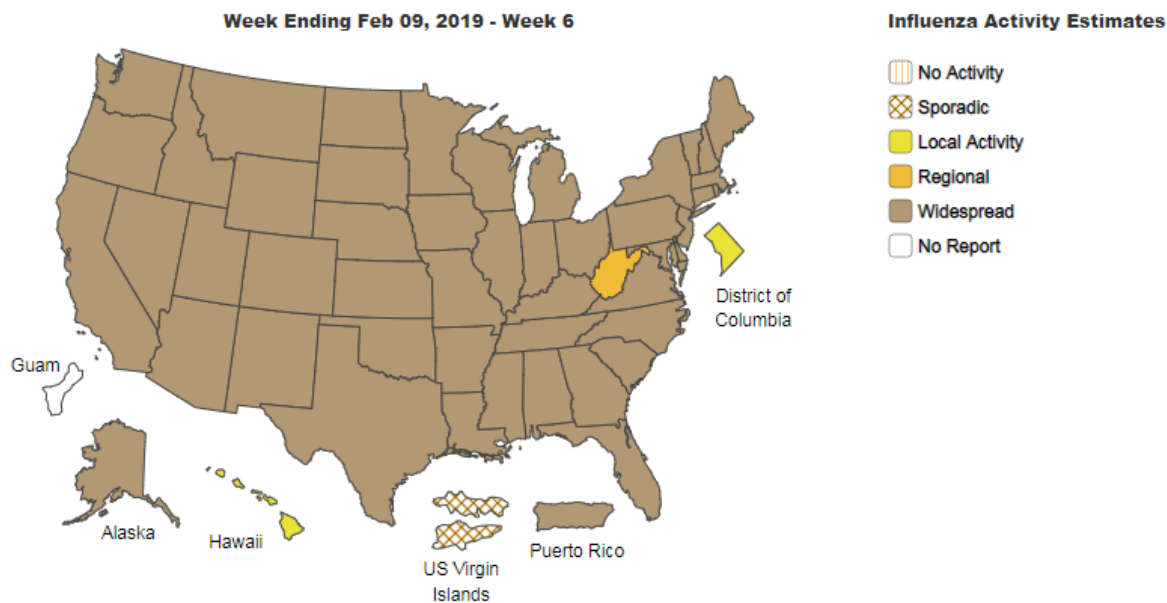
◆ During Week 6, there were 56 schools reporting absenteeism. Of those, a median of 4.19% of students were absent and a median of 0.61% due to ILL.



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 6, Ohio reported widespread activity. 47 states also reported widespread influenza activity.



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cityofalliance.com/health



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Canton City Health Department
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Massillon City Health Department
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