

# Stark County's Influenza Weekly Report

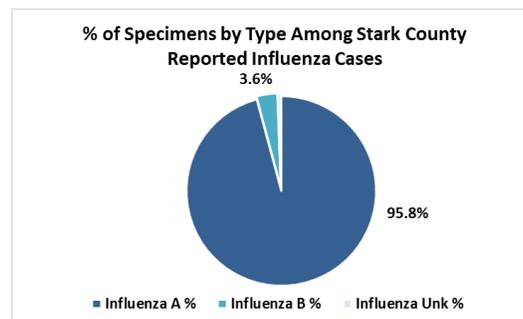
## Week 19 (05/05/2019 – 05/11/2019)



**Public Health**  
Prevent. Promote. Protect.

### During Week 19:

- Stark County had 0 influenza-associated hospitalizations.
- Nationally, three influenza-associated pediatric deaths were reported.
- During week 19, 35 influenza A specimens were collected nationally from public health laboratories, 14 subtyped as the 2009 H1N1 virus, 18 subtyped as the H3 virus and the remainder were not subtyped.



### So Far this Year:

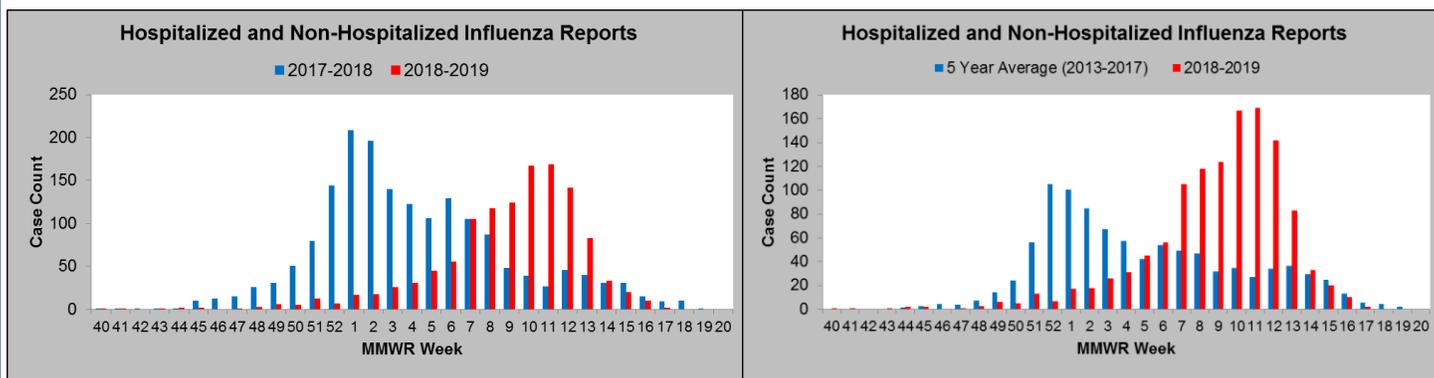
- There have been 417 influenza-associated hospitalizations in Stark County.
  - Those hospitalized for influenza have ranged from 2 weeks of age to 104 years of age, with the median being 68.0 years.
- A cumulative rate of 65.7 laboratory-confirmed influenza-associated hospitalizations per 100,000 population was reported.
- Through week 19, 39,908 specimens collected nationally from public health laboratories were typed influenza A. This was 96.3% of all specimens collected. Of these 57.0% subtyped as the 2009 H1N1 virus, 43.0% subtyped as the H3 virus, and subtyping was not performed on the rest of them.
- Nationally, 109 influenza-associated pediatric deaths were reported so far this year.
- CDC has reported a preliminary vaccine effectiveness of **47% effective** (95% CI: 34%-57%).  
(<https://www.cdc.gov/mmwr/volumes/67/wr/mm6706a2.htm>)

### Viruses Circulating vs. Viruses in this Year's Vaccine:

- Nationally, through week 19, 2,183 specimens were characterized as Influenza A.
  - There were 1199 influenza A (H1N1) viruses collected and, of those characterized (305), 97.0% matched the influenza A (H1N1) component in this year's vaccine. There were 984 influenza A (H3N2) viruses collected and, of those characterized (386), 43.8% matched the influenza A (H3N2) component in this year's vaccine.
- Nationally, through week 19, 429 specimens were characterized as Influenza B.
  - Of these, 192 subtyped from the Yamagata Lineage and 237 subtyped from the Victorian Lineage. Of these specimens, 100% of the Yamagata Lineage characterized matched the Influenza B component of the 2018-2019 vaccine and 79.4% of the Victorian Lineage matched.

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

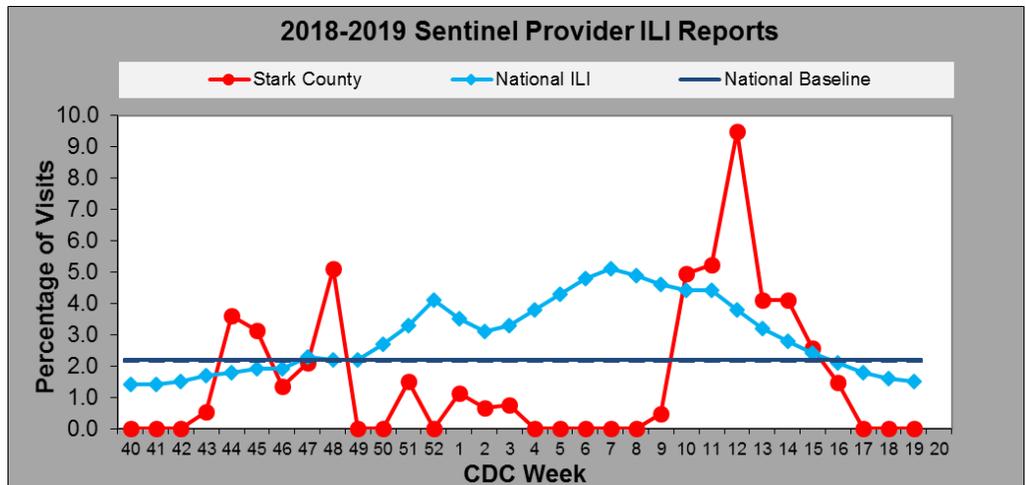
There were 0 cases of hospitalized and non-hospitalized influenza reported for Week 19 in Stark County. Last year, there was 1 case reported. Stark County remained at 1208 cases reported this year compared to 1767 cases last year.



- 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.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org or Amanda Archer at 330.489.3327 or aarcher@cantonhealth.org

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

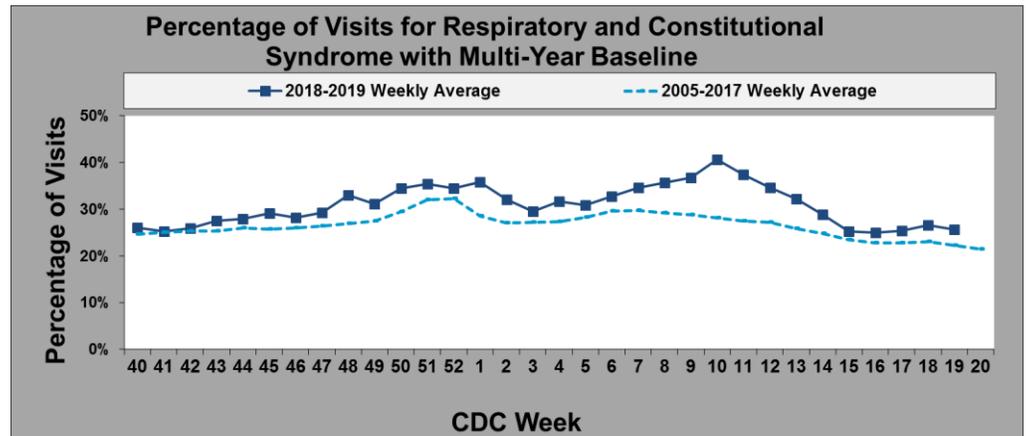
◆ During Week 19, Stark County Sentinel Providers did not report. The national reports show that 1.5% of ED visits are due to ILI. This is below the 2.2% national baseline.



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

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

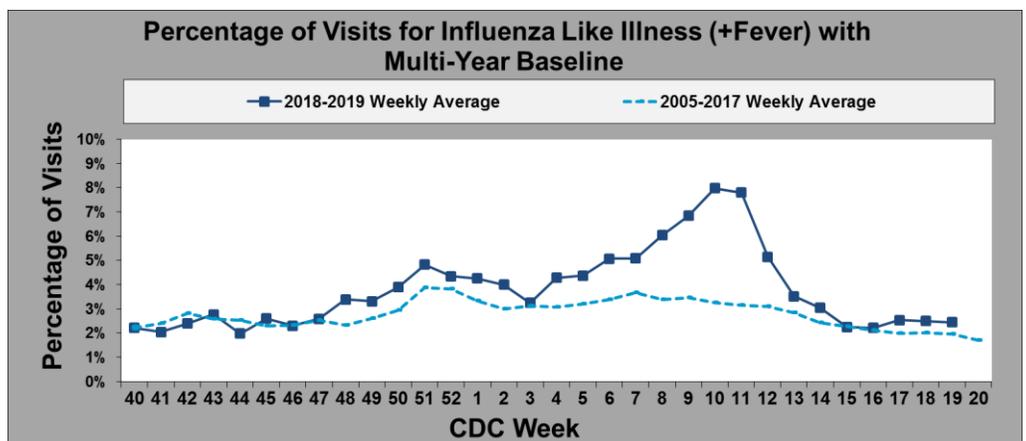
◆ ED and Stat Care visits for respiratory and constitutional show a slight decrease from the previous week. Visits are still above the multi-year average.



**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 19 show a slight decrease, but is still higher than the multi-year average.

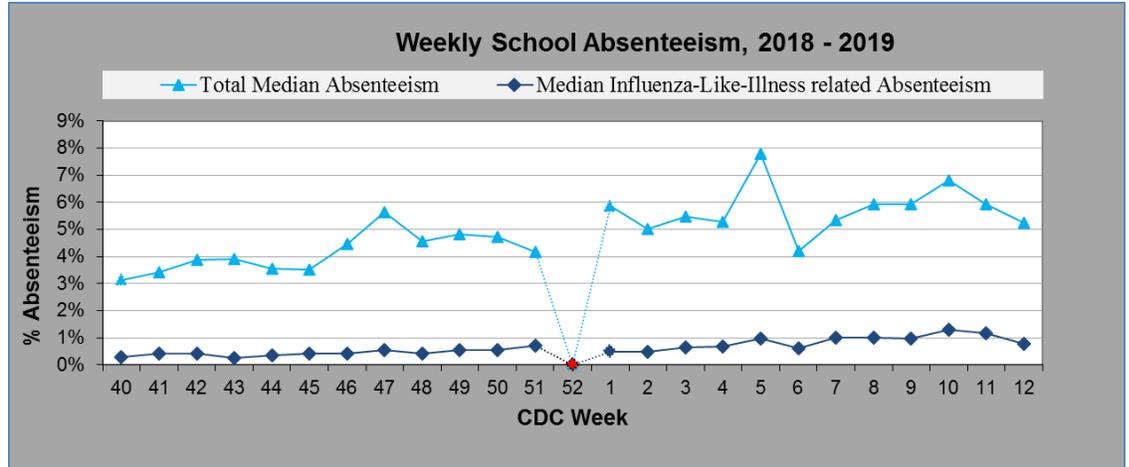


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**Graph 5: Stark County School Absenteeism.**

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

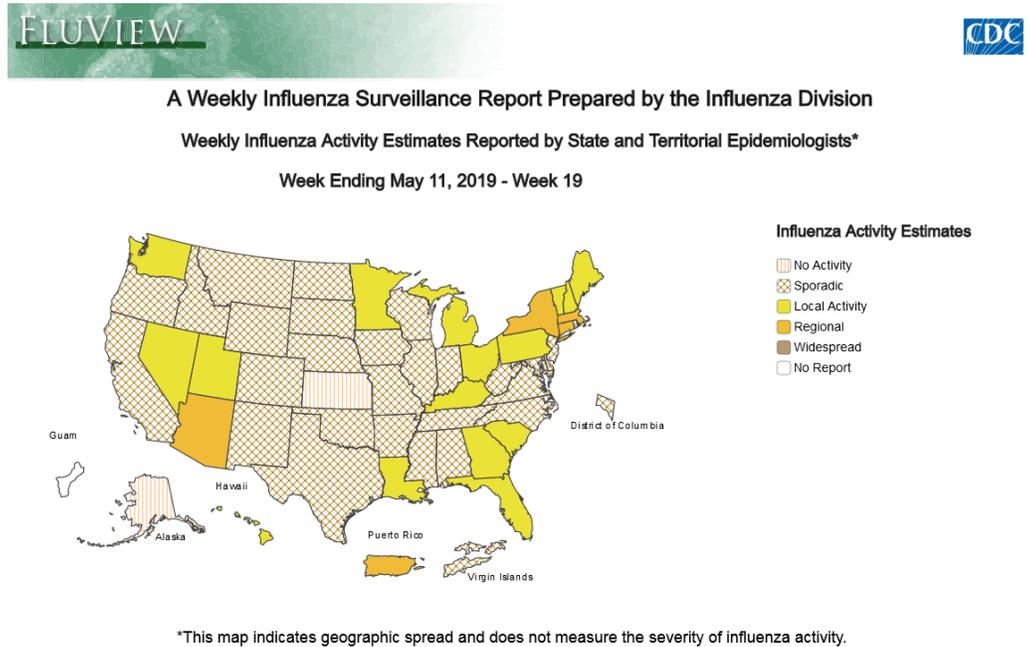
◆ Reporting of school absenteeism has finished for the 2018-2019 Influenza season.



**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 19, Ohio reported local influenza activity, along with 15 other states.  
 Regional activity - 4 states  
 Sporadic – 28 states (and DC)  
 No activity – 2 states



Alliance City Health  
 cityofalliance.com/health



Canton City Public Health  
 cantonhealth.org



Massillon City Health Department  
 massillonohio.com/health



Stark County Health Department  
 starkhealth.org

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