

Stark County's Influenza Weekly Report

Week 52 (12/22/2019 – 12/28/2019)



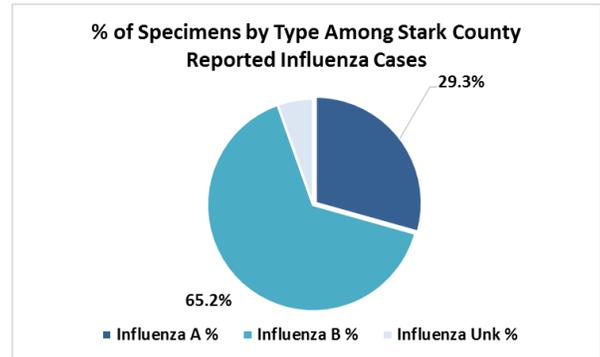
Public Health
Prevent. Promote. Protect.

During Week 52:

- Stark County had 13 influenza-associated hospitalizations.
- Nationally, 5 influenza-associated pediatric deaths were reported.
- During Week 52, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 52	% Week 52
Influenza A	474	40.4%
(H1N1)pdm09	387	91.3%
H3N2	37	8.7%
The remainder were not subtyped		
Influenza B	698	59.6%
Yamagata	2	0.4%
Victoria	548	99.6%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type



So Far this Year:

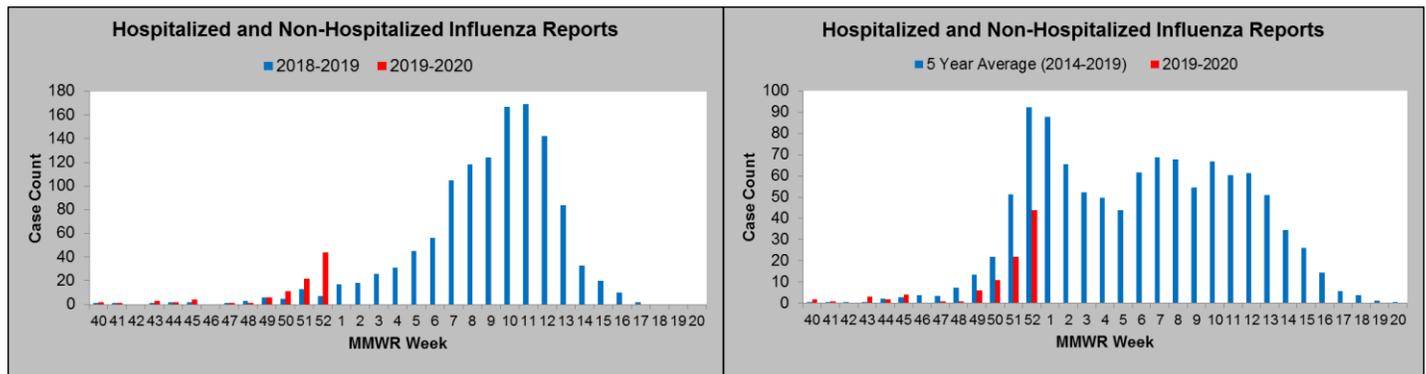
- There have been 24 influenza-associated hospitalizations in Stark County since 9/29/2019.
 - Median age of 57, range of 6 months to 90 years of age
- The national cumulative rate of influenza-associated hospitalizations was 9.2 per 100,000.
- Nationally, 27 influenza-associated pediatric deaths were reported so far this year
- Up to Week 52, the following specimens were collected nationally from public health laboratories:

Type/Subtype	YTD	% YTD
Influenza A	4090	40.8%
(H1N1)pdm09	3028	78.1%
H3N2	849	21.9%
The remainder were not subtyped		
Influenza B	5944	59.2%
Yamagata	95	2.1%
Victoria	4342	97.9%
The remainder were not subtyped		

Stark County Age Adjusted & Cumulative Rate of Influenza-Associated Hospitalizations per 100,000.



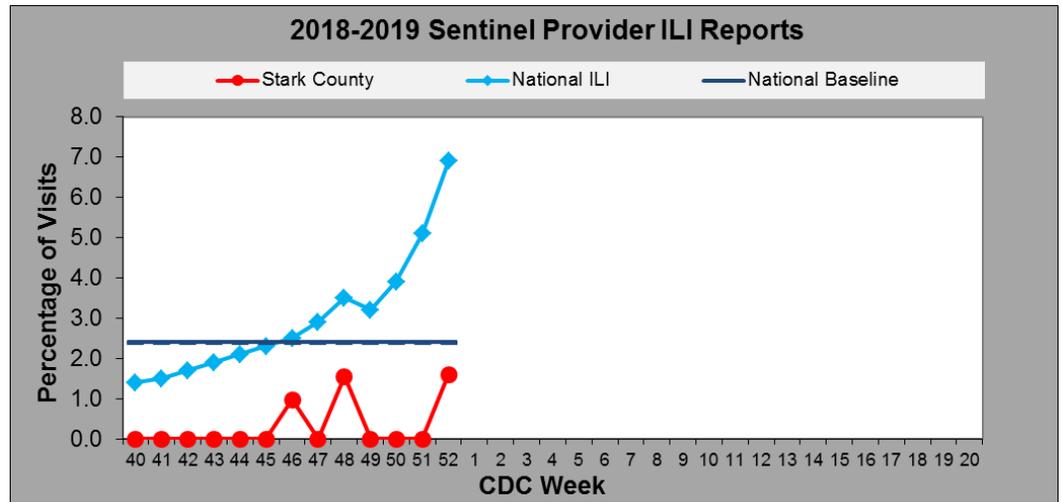
Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.



- ◆ There were 44 cases of hospitalized or non-hospitalized influenza reported for Week 52 in Stark County. Last year at the same time there were 7 cases reported. Stark County increased to 97 cases reported so far this year compared to 42 at this time last year.

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

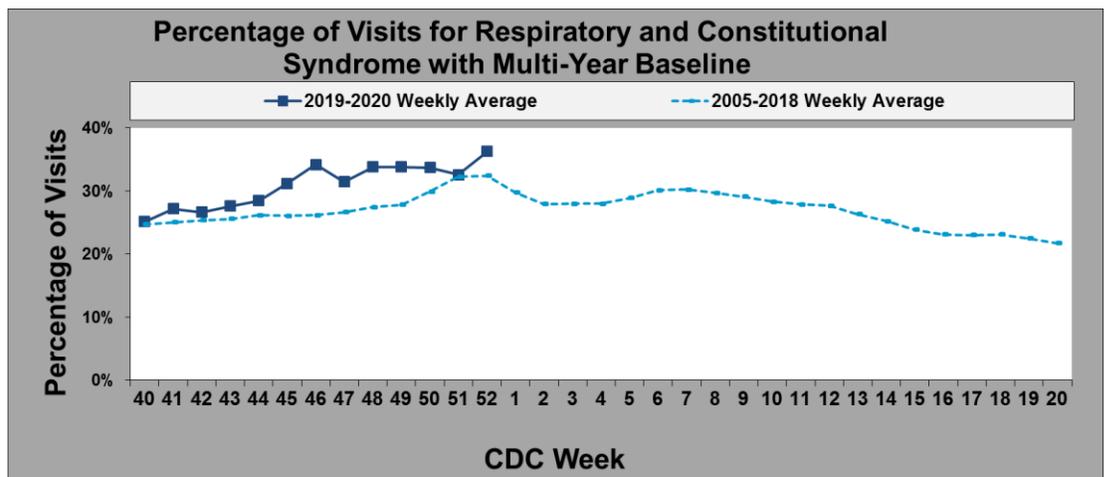
- ◆ During Week 52, Stark County Sentinel Providers reported 1.6% of visits for ILI. The national reports show that 6.9% of ED visits are due to ILI, above the 2.4% baseline.



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

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

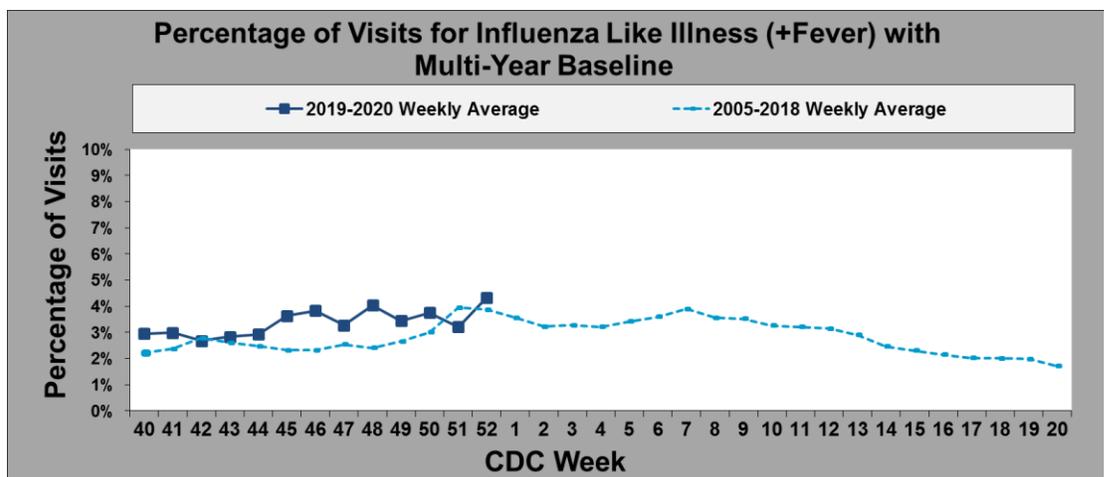
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome increased to 36.29% of ED visits, and shot above the multi-year baseline average during Week 52.



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 52 increased to 4.33% of ED visits, and rose above the multi-year average.

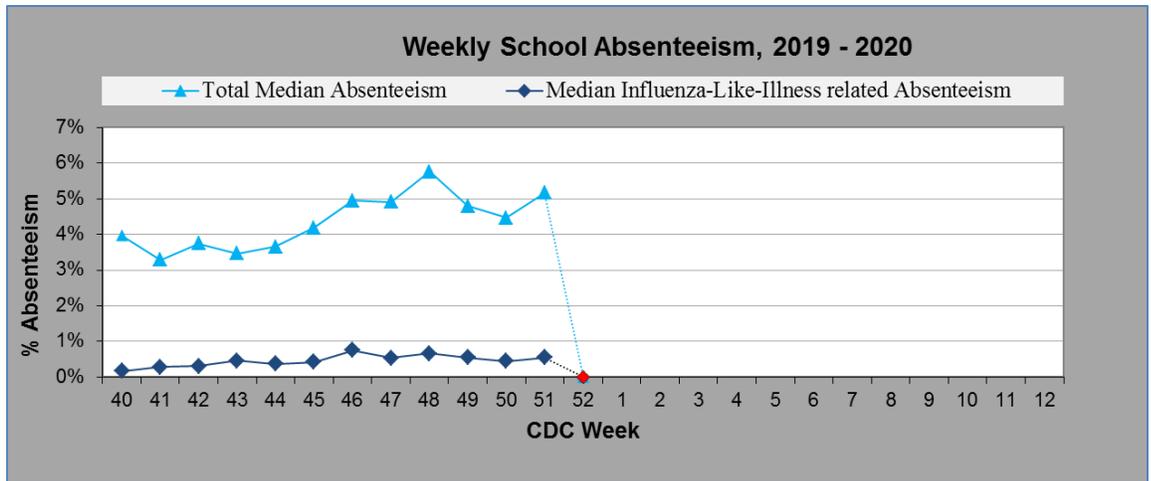


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org or Amanda Archer at 330.489.3327 or aarcher@cantonhealth.org

Graph 5: Stark County School Absenteeism.

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

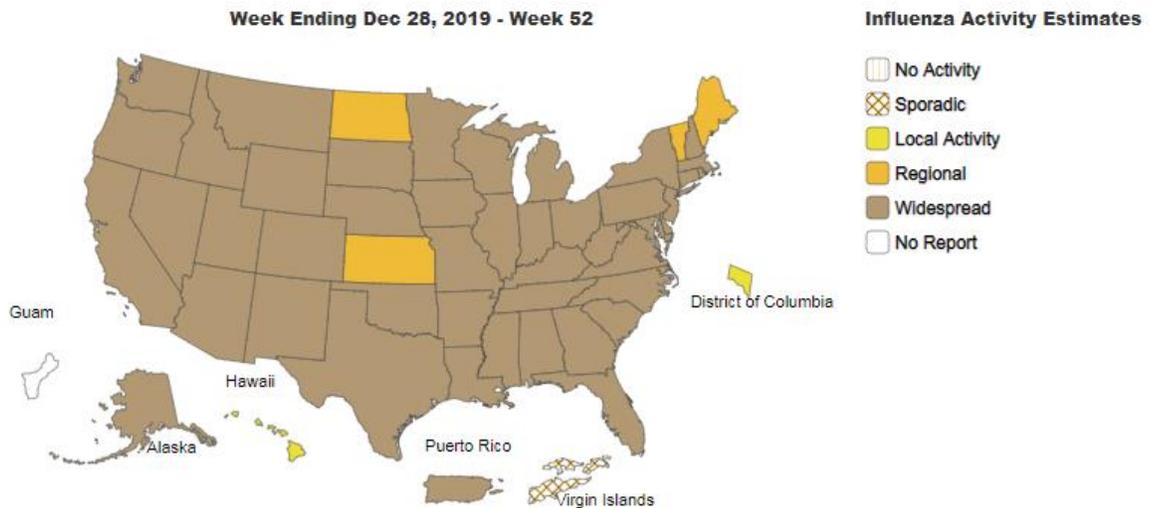
- ◆ During Week 52, school absences were not reported due to the holiday.



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 52, Ohio reported widespread influenza activity, along with 44 other states and Puerto Rico
- No Activity – Guam
- Sporadic – USVI
- Local- 1 state, DC
- Regional – 4 states



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