

Stark County's Influenza Weekly Report

Week 20 (5/10/2020 – 5/16/2020)



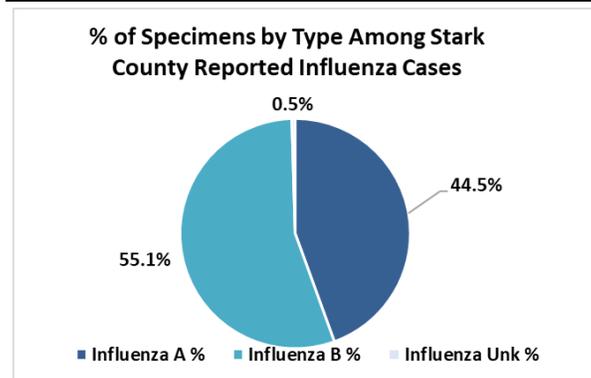
Public Health
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During Week 20:

- Stark County had 0 influenza-associated hospitalizations.
- Nationally, 2 influenza-associated pediatric deaths were reported.
- During Week 20, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 20	% Week 20
Influenza A	24	%
(H1N1)pdm09	24	100%
H3N2		0.0%
The remainder were not subtyped		
Influenza B	1	%
Yamagata	0	0.0%
Victoria	0	0.0%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type

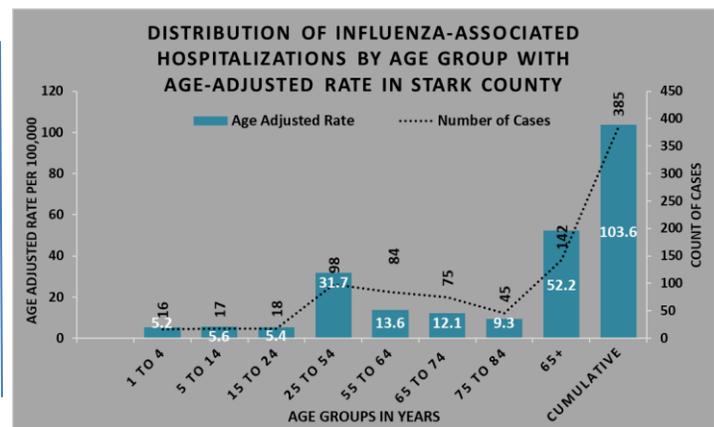


So Far this Year:

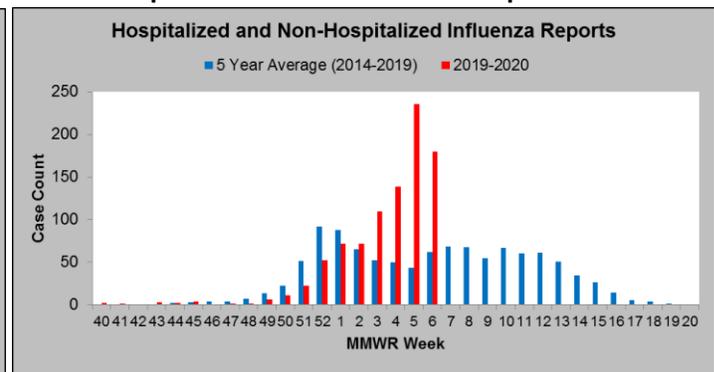
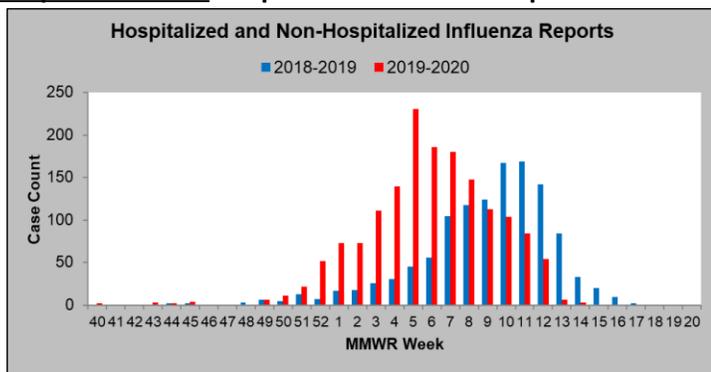
- There have been 385 influenza-associated hospitalizations in Stark County since 9/29/2019.
 - Median age of 52.4, range of 6 months to 93 years
- The national cumulative rate of influenza-associated hospitalizations was 69.4 per 100,000.
- CDC reported an interim vaccine effectiveness of 45%
- Nationally, 176 influenza-associated pediatric deaths have been reported
- Up to Week 20, the following specimens were collected nationally from public health laboratories:

Type/Subtype	YTD	% YTD
Influenza A	26,641	64.4%
(H1N1)pdm09	23132	92.8%
H3N2	1797	7.2%
The remainder were not subtyped		
Influenza B	14725	35.6%
Yamagata	238	1.6%
Victoria	14487	98.4%
The remainder were not subtyped		

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



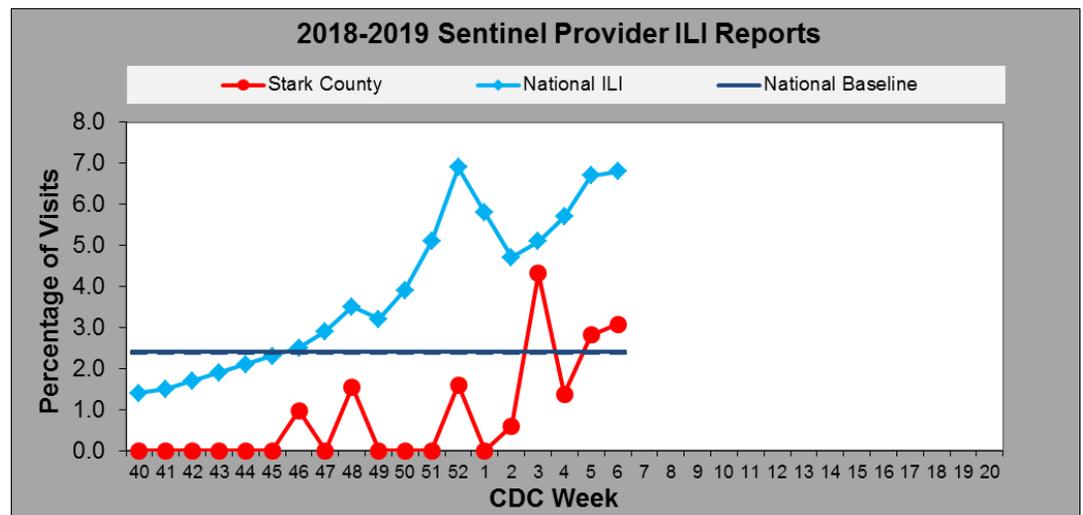
Graph 1A and 1B: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.



- ◆ There were 0 cases of hospitalized or non-hospitalized influenza reports for Week 20 in Stark County; the same as last year. Stark County increased to 1612 cases reported for this influenza season; 1209 reported this time last year.

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

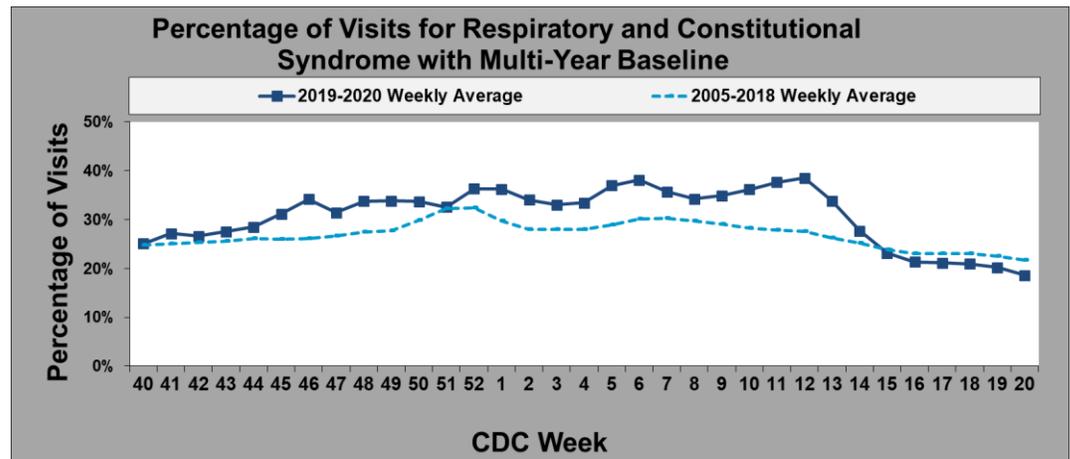
- ◆ This graph is unable to be updated due to change in reporting patterns.



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

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

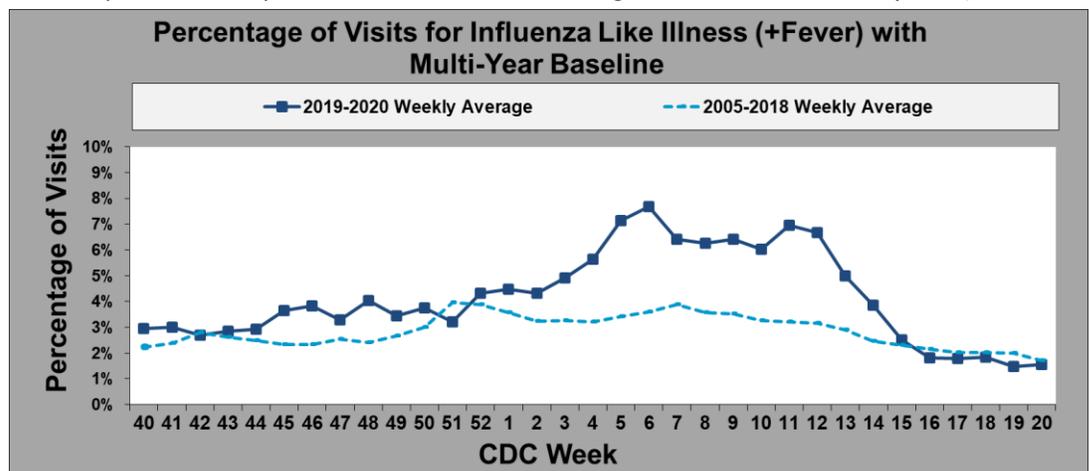
- ◆ During Week 20, ED and Stat Care visits for respiratory and constitutional syndrome decreased to 18.6% of ED visits, below the multi-year baseline average.



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 20 remained steady at 1.56% of ED visits, in line with the multi-year average.

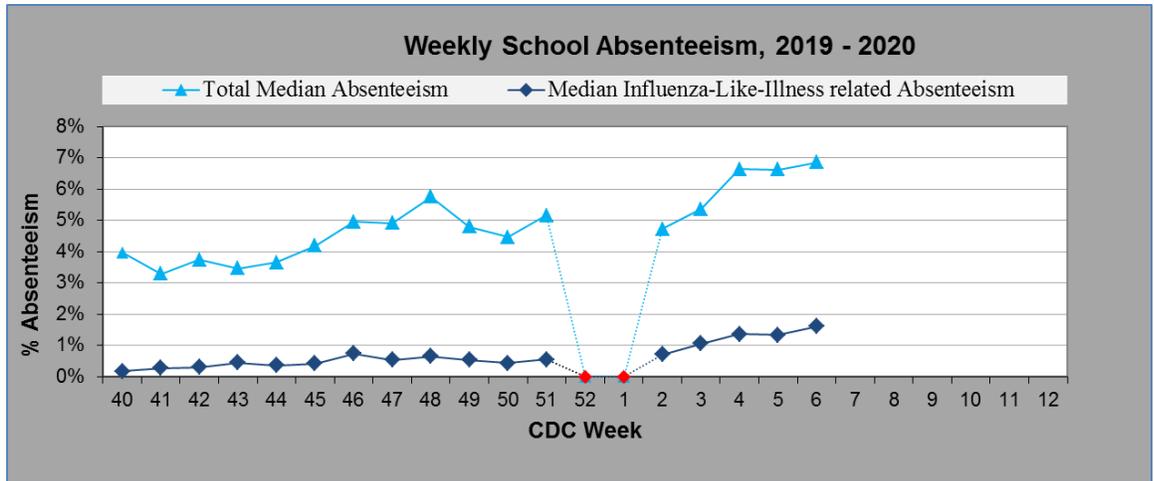


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org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

- ◆ This graph is unable to be updated due to change in school attendance patterns.

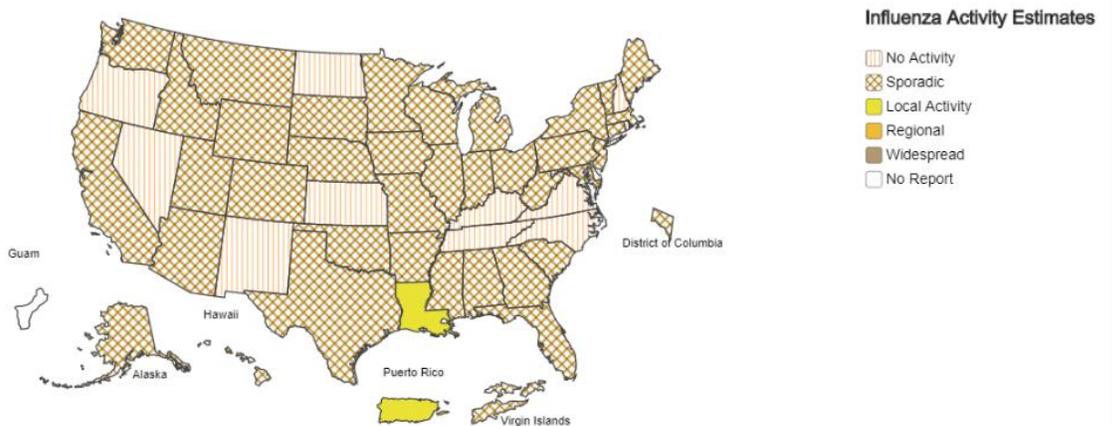


Map: Weekly Geographic Influenza Activity Estimates Reported by State and Territorial Epidemiologists Syndromes.

(Source: Health Monitoring Systems, EpiCenter, hospital and stat care patient registration surveillance system)

During Week 20,

- ◆ Ohio reported sporadic influenza activity, along with 37 other states, the District of Columbia and the US Virgin Islands.
- ◆ Regional – None
- ◆ Local- Louisiana and Puerto Rico
- ◆ No Activity –12 States



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



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