

Stark County's Influenza Weekly Report

Week 15 (4/05/2020 – 4/11/2020)



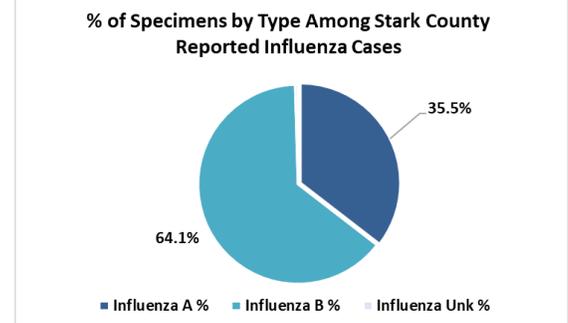
Public Health
Prevent. Promote. Protect.

During Week 15:

- Stark County had 0 influenza-associated hospitalizations.
- Nationally, 2 influenza-associated pediatric deaths were reported.
- During Week 15, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 15	% Week 15
Influenza A	28	100.0%
(H1N1)pdm09	26	96.6%
H3N2	0	3.4%
The remainder were not subtyped		
Influenza B	0	0.0%
Yamagata	0	0.0%
Victoria	0	0.0%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type

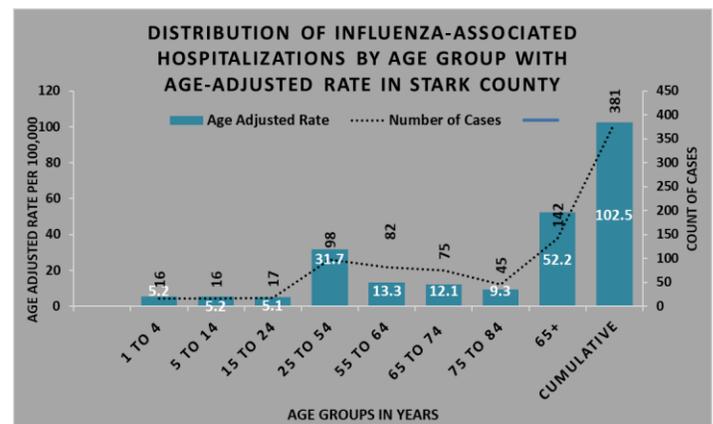


So Far this Year:

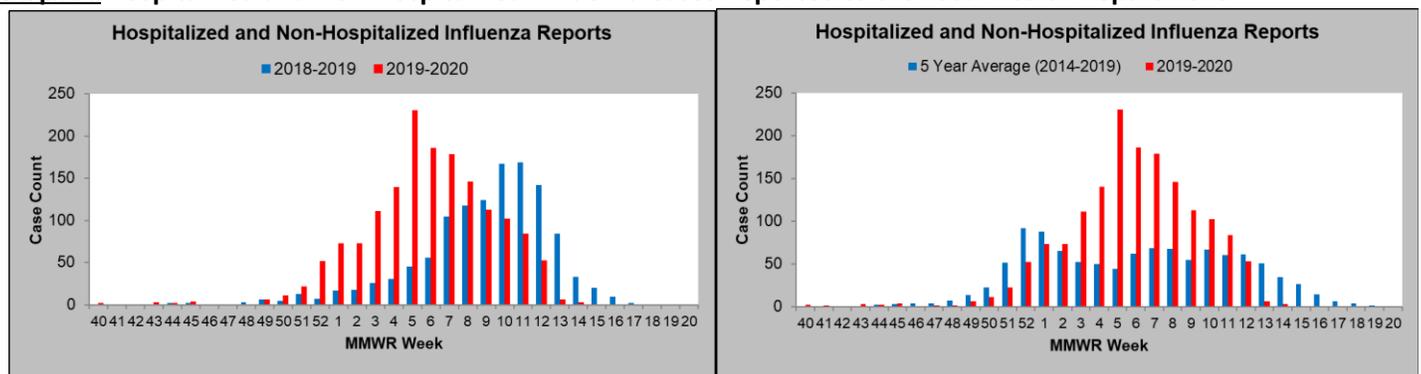
- There have been 381 influenza-associated hospitalizations in Stark County since 9/29/2019.
 - Median age of 59, range of 1 months to 93 years
- The national cumulative rate of influenza-associated hospitalizations was 68.3 per 100,000.
- CDC reported an interim vaccine effectiveness of 45%
- Nationally, 168 influenza-associated pediatric deaths have been reported
- Up to Week 15, the following specimens were collected nationally from public health laboratories:

Type/Subtype	YTD	% YTD
Influenza A	25,156	57.3%
(H1N1)pdm09	22,598	92.7%
H3N2	1,785	7.3%
The remainder were not subtyped		
Influenza B	18,746	42.7%
Yamagata	238	1.6%
Victoria	14,326	98.4%
The remainder were not subtyped		

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



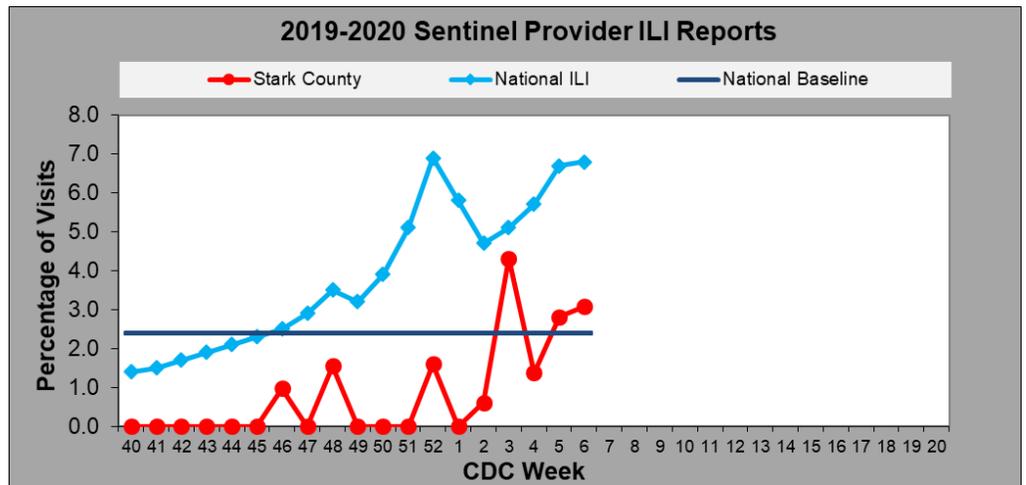
Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.



- ◆ There were 14 cases of hospitalized or non-hospitalized influenza reported for Week 14 in Stark County; 33 at the same time last year. Stark County increased to 1,608 cases reported so far this year; 1,177 reported this time last year.

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

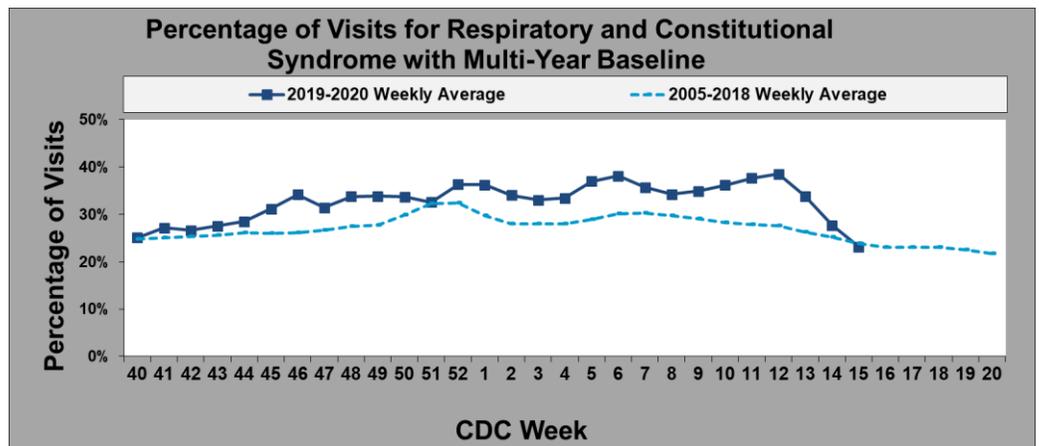
- ◆ During Week 14, Stark County Sentinel Providers report is incomplete. Data is temporarily unavailable.



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

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

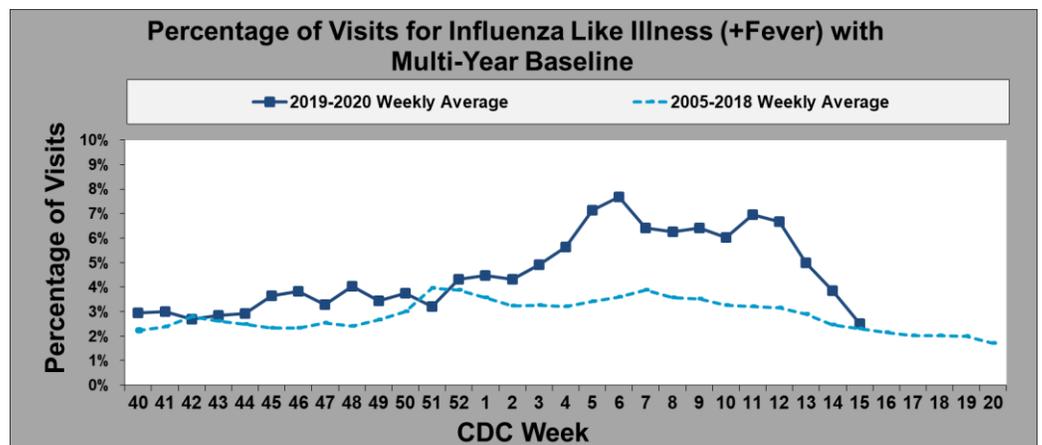
- ◆ During Week 14, ED and Stat Care visits for respiratory and constitutional syndrome decreased to 23.84% of ED visits, slightly below the multi-year baseline average.



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 15 decreased to 2.31% of ED visits, barely above the multi-year average.

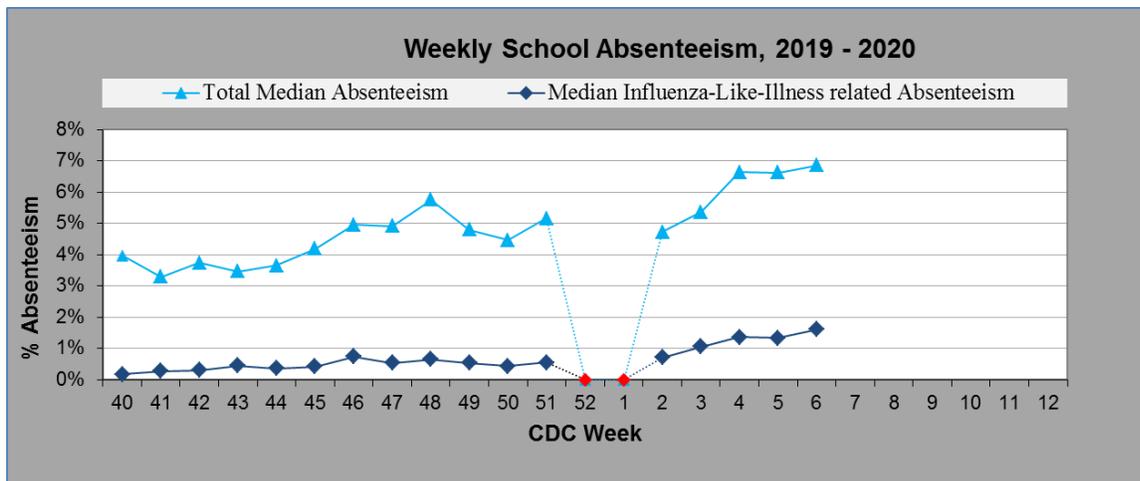


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org 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 15, schools remain closed due to COVID-19, and historically do not report to local public health after Week 12.

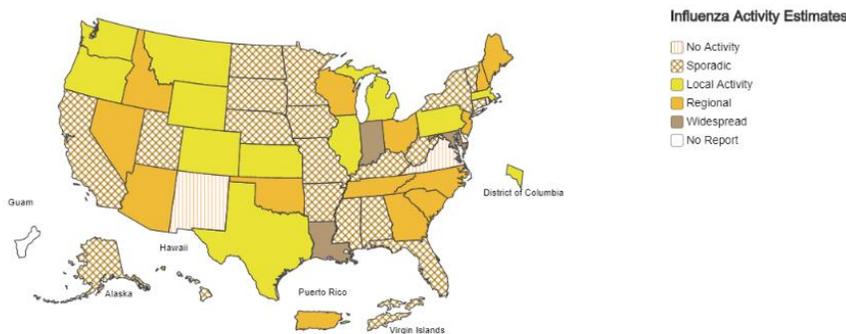


Map: Weekly Geographic Influenza Activity Estimates Reported by State and Territorial Epidemiologists Syndromes.



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
 Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*
 Week Ending Apr 11, 2020 - Week 15

- ◆ During Week 15, Ohio, along with 13 other states reported regional influenza activity,
- ◆ Widespread activity was reported by 3 states ,
- ◆ Local- DC and 11 states
- ◆ Sporadic – USVI and 19 states
- ◆ No Activity –four states



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

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



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