

Stark County's Influenza Weekly Report

Week 3 (01/12/2020 – 01/18/2020)



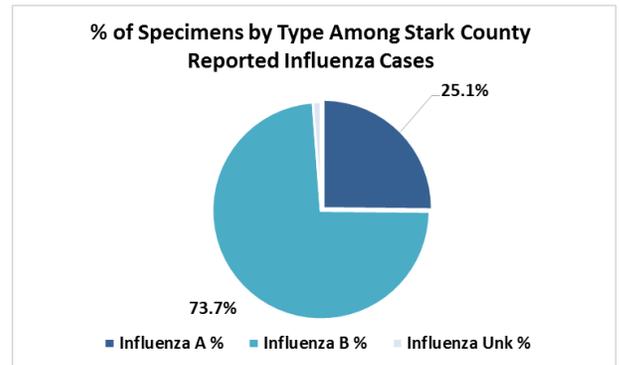
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During Week 3:

- Stark County had 22 influenza-associated hospitalization.
- Nationally, 15 influenza-associated pediatric deaths was reported.
- During week 3, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 3	% Week 3
Influenza A	364	48.1%
(H1N1)pdm09	306	94.4%
H3N2	18	5.6%
The remainder were not subtyped		
Influenza B	392	51.9%
Yamagata	2	0.6%
Victoria	308	99.4%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type

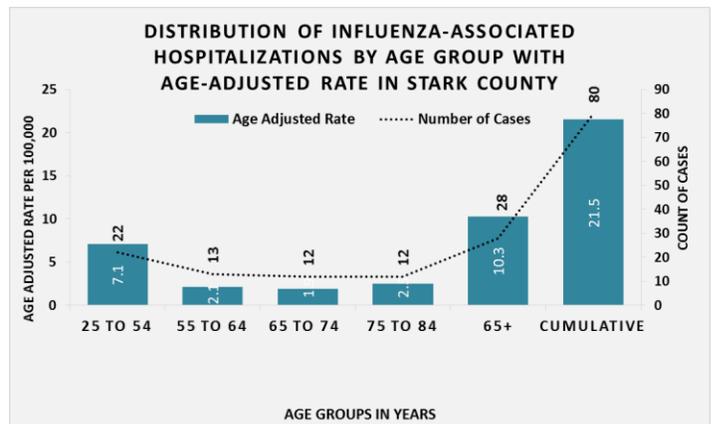


So Far this Year:

- There have been 80 influenza-associated hospitalizations in Stark County since 9/29/2019. *Two additional cases were reported before Week 40 2019.*
 - The median age is 55.0 years, with a range of 8 months to 90 years.
- A cumulative rate of 24.1 laboratory-confirmed influenza-associated hospitalizations per 100,000 population was reported.
- Nationally, 54 influenza-associated pediatric deaths were reported so far this year
- Up to week 3, the following specimens were collected nationally from public health laboratories:

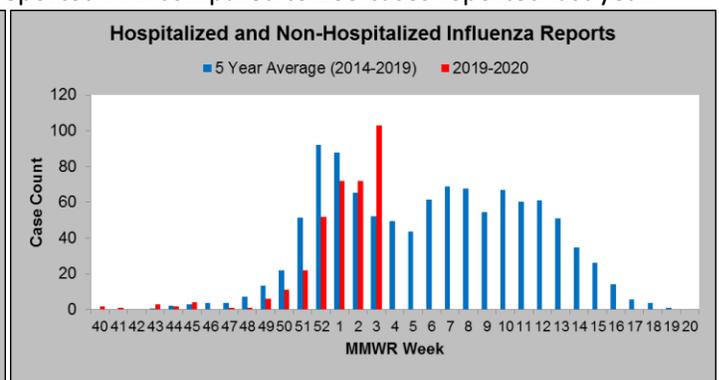
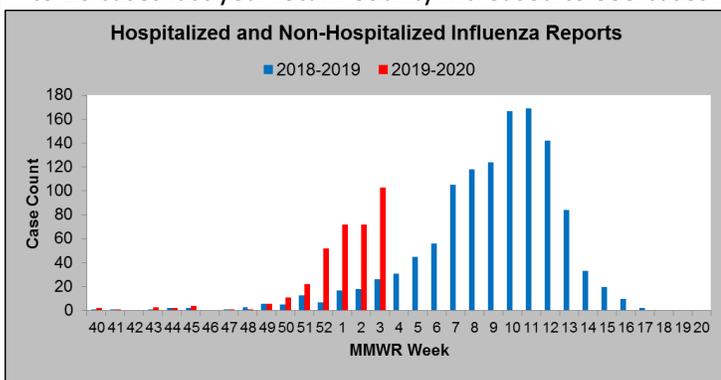
Type/Subtype	YTD	% YTD
Influenza A	7581	43.6%
(H1N1)pdm09	6259	85.2%
H3N2	1083	14.8%
The remainder were not subtyped		
Influenza B	9826	56.4%
Yamagata	142	1.9%
Victoria	7307	98.1%
The remainder were not subtyped		

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.

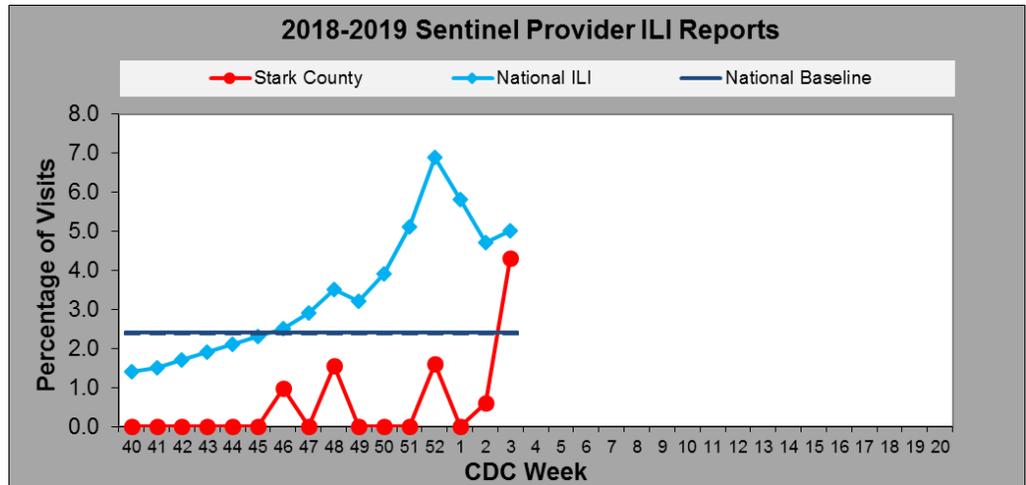
- ◆ There were 103 cases of hospitalized and non-hospitalized influenza reported for Week 3 in Stark County, compared to 26 cases last year. Stark County increased to 355 cases reported YTD compared to 103 cases reported last year.



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

(Source: U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet))

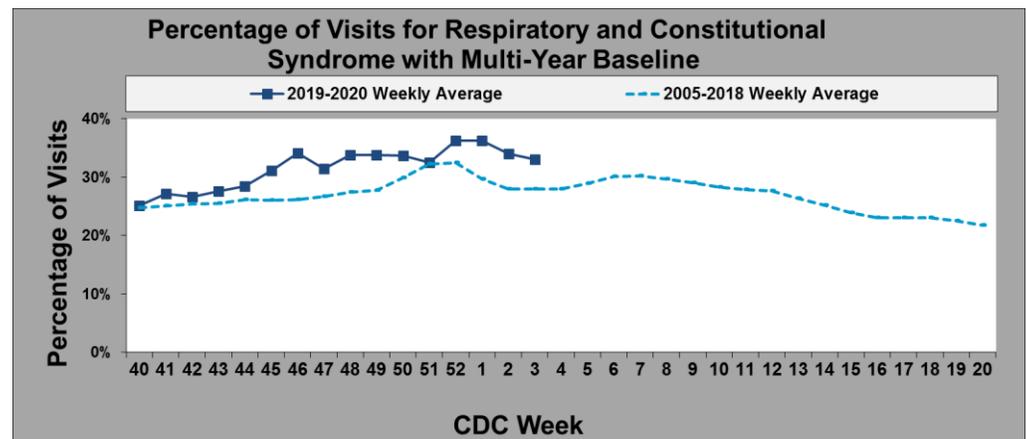
- ◆ During week 3, Stark County Sentinel Providers reported that 4.3% of their patient visits were due to ILI, which is a significant increase from any previous week. The national reports show that 5.0% of patient visits are due to ILI and remained above the 2.4% baseline.



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

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

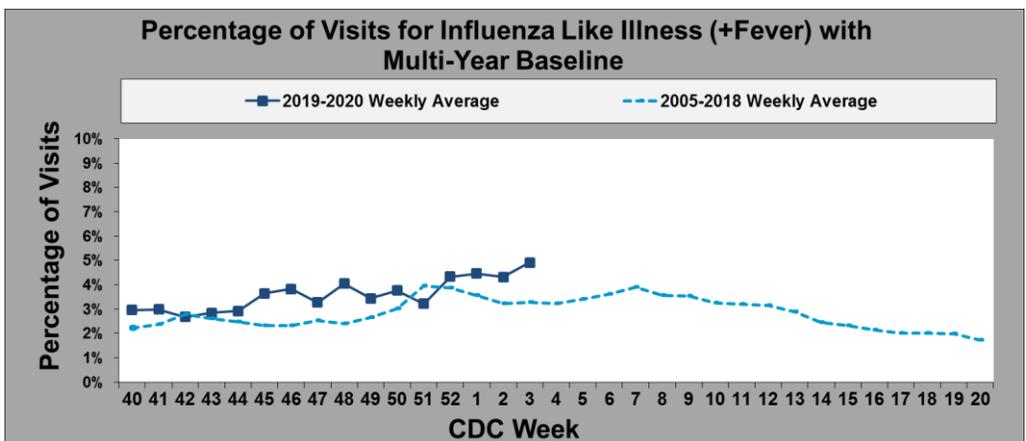
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome decreased to 33.06% of ED visits, and remained above the multi-year baseline average during week 3.



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 3 slightly increased to 4.91% of ED visits, and remained above the multi-year average.

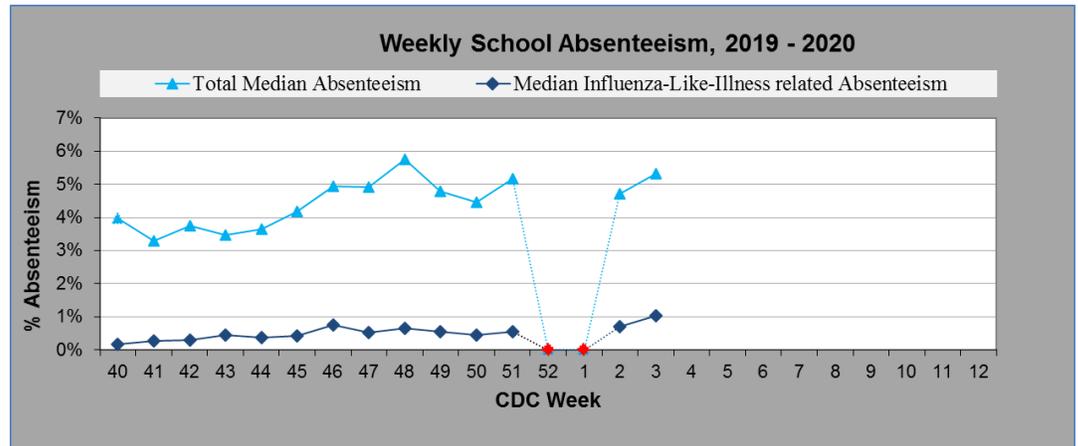


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org 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 3, Stark County schools reported that ILI related absenteeism was 1.04% of all absenteeism, and the total median absenteeism was 5.32%. Forty one schools reported.



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 3, Ohio continued to report widespread influenza activity, along with 47 other states & Puerto Rico
Regional activity – 1 states
Local activity – 1 state & DC
Sporadic activity - USVI



A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

Week Ending Jan 18, 2020 - Week 3



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



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