

# Stark County's Influenza Weekly Report

## Week 5 (1/26/2020 – 2/1/2020)



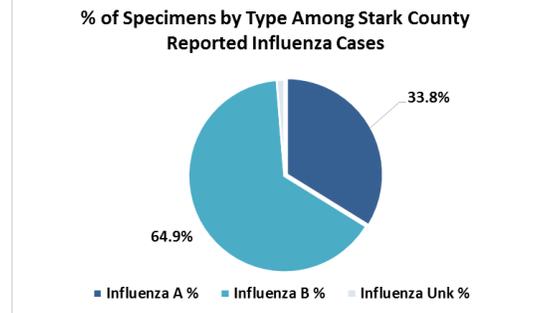
**Public Health**  
Prevent. Promote. Protect.

### During Week 5:

- Stark County had 48 influenza-associated hospitalizations.
- Nationally, 10 influenza-associated pediatric deaths were reported.
- During Week 5, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 5	% Week 5
<b>Influenza A</b>	<b>898</b>	<b>65.8%</b>
(H1N1)pdm09	810	95.7%
H3N2	36	4.3%
The remainder were not subtyped		
<b>Influenza B</b>	<b>467</b>	<b>34.2%</b>
Yamagata	2	0.5%
Victoria	393	95.5%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type

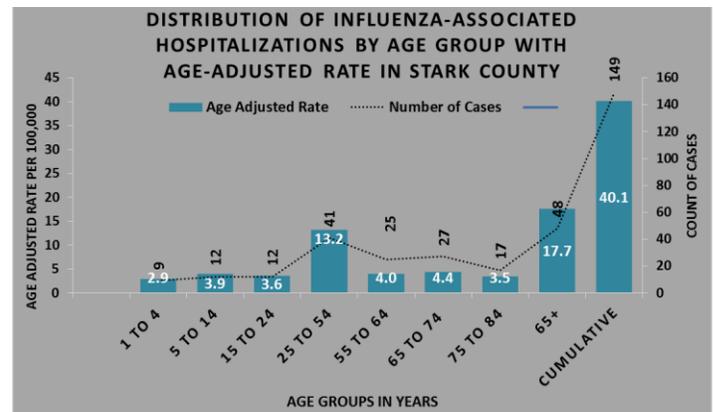


### So Far this Year:

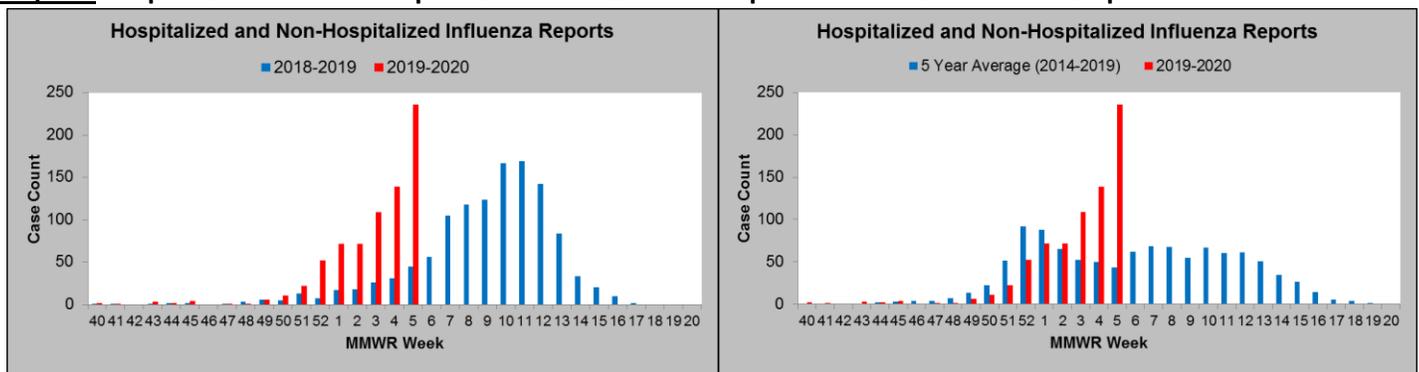
- There have been 147 influenza-associated hospitalizations in Stark County since 9/29/2019.
  - Median age of 54.5, range of 6 months to 90 years of age
- The national cumulative rate of influenza-associated hospitalizations was 35.5 per 100,000.
- Nationally, 78 influenza-associated pediatric deaths have been reported
- Up to Week 5, the following specimens were collected nationally from public health laboratories:

Type/Subtype	YTD	% YTD
<b>Influenza A</b>	<b>11670</b>	<b>47.8%</b>
(H1N1)pdm09	10087	88.9%
H3N2	1255	11.1%
The remainder were not subtyped		
<b>Influenza B</b>	<b>12733</b>	<b>52.2%</b>
Yamagata	168	1.7%
Victoria	9765	98.3%
The remainder were not subtyped		

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



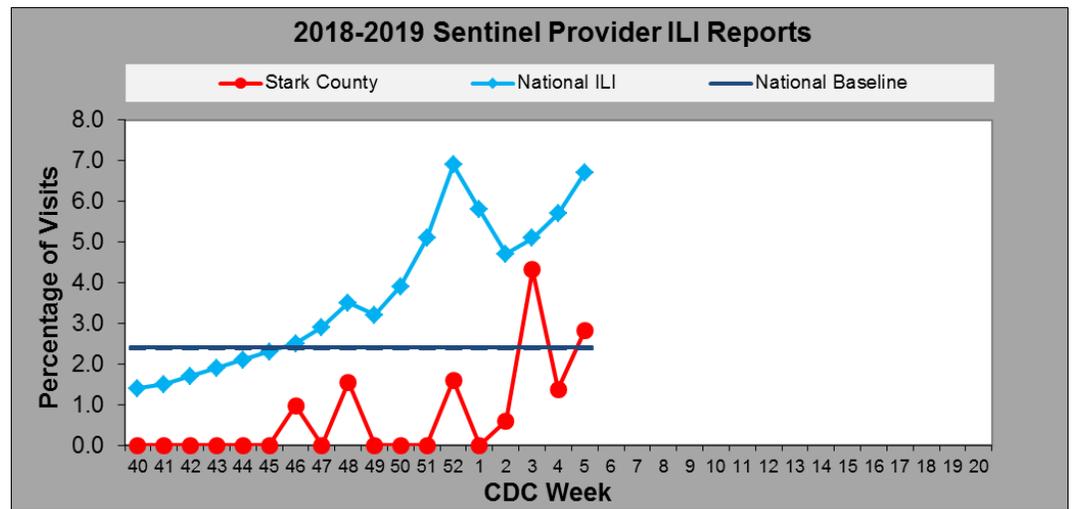
**Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.**



- ◆ There were 236 cases of hospitalized or non-hospitalized influenza reported for Week 5 in Stark County; 45 at the same time last year. Stark County increased to 733 cases reported so far this year; 179 reported this time last year.

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

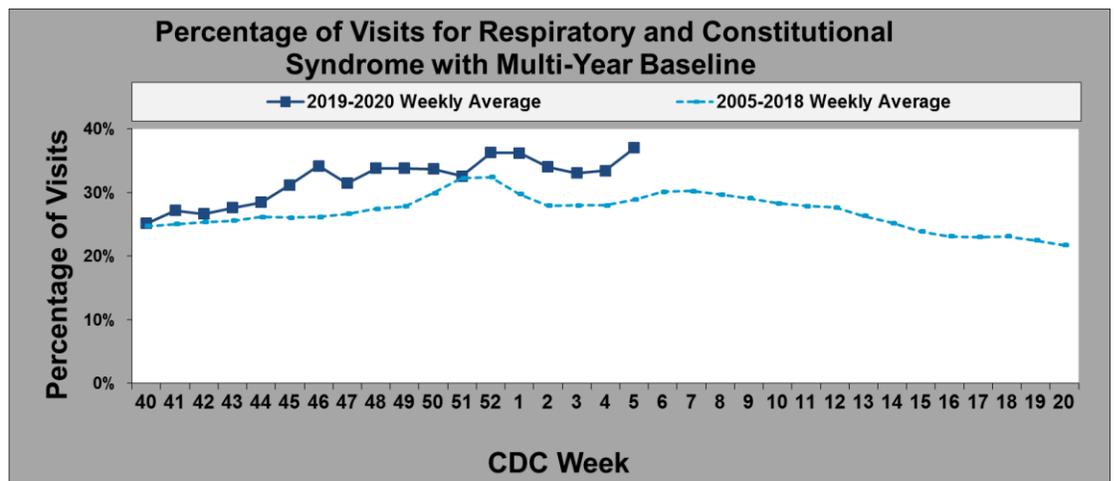
- ◆ During Week 5, Stark County Sentinel Providers reported 2.8% of visits for ILI. The national reports show that 6.7% of ED visits are due to ILI, above the 2.4% baseline.



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

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

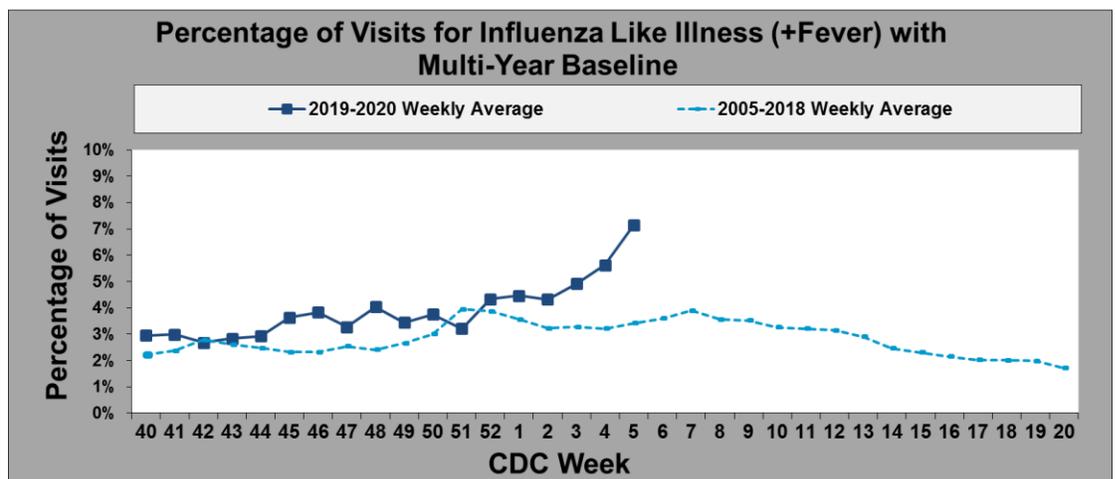
- ◆ During week 5, ED and Stat Care visits for respiratory and constitutional syndrome increased to 37% of ED visits, above the multi-year baseline average.



**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 5 sharply increased to 7.14% of ED visits, well above the multi-year average.

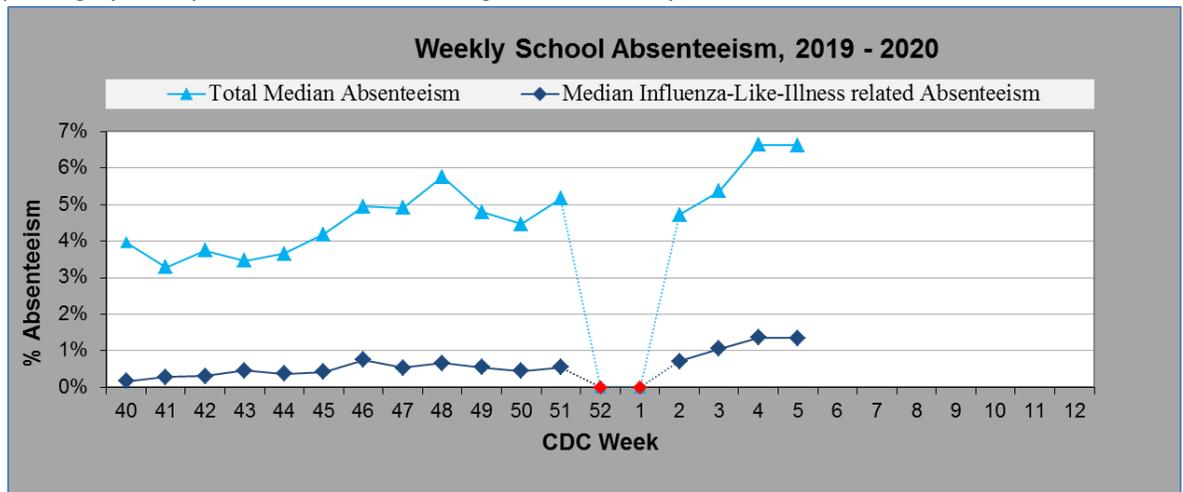


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org 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 5, 47 schools reported an ILI absenteeism percentage of 1.34%, while total absences were reported as 8.17%.



**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 5, Ohio reported widespread influenza activity, along with 47 other states and Puerto Rico  
 No Activity –Guam  
 Sporadic – USVI  
 Local- DC  
 Regional – 2 states



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