

# Stark County's Influenza Weekly Report

## Week 51 (12/15/2019 – 12/21/2019)



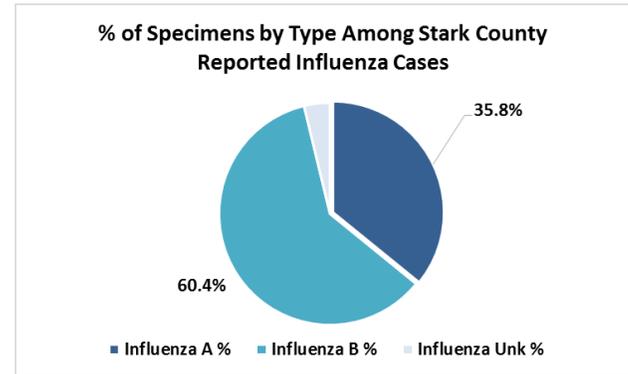
**Public Health**  
Prevent. Promote. Protect.

### During Week 51:

- Stark County had 2 influenza-associated hospitalizations.
- Nationally, 3 influenza-associated pediatric deaths were reported.
- During Week 51, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 51	% Week 51
<b>Influenza A</b>	<b>443</b>	<b>41.2%</b>
(H1N1)pdm09	386	94.8%
H3N2	21	5.2%
The remainder were not subtyped		
<b>Influenza B</b>	<b>631</b>	<b>58.8%</b>
Yamagata	6	2.2%
Victoria	456	97.8%
The remainder were not subtyped		

Stark County Positive Influenza Cases by Type



### So Far this Year:

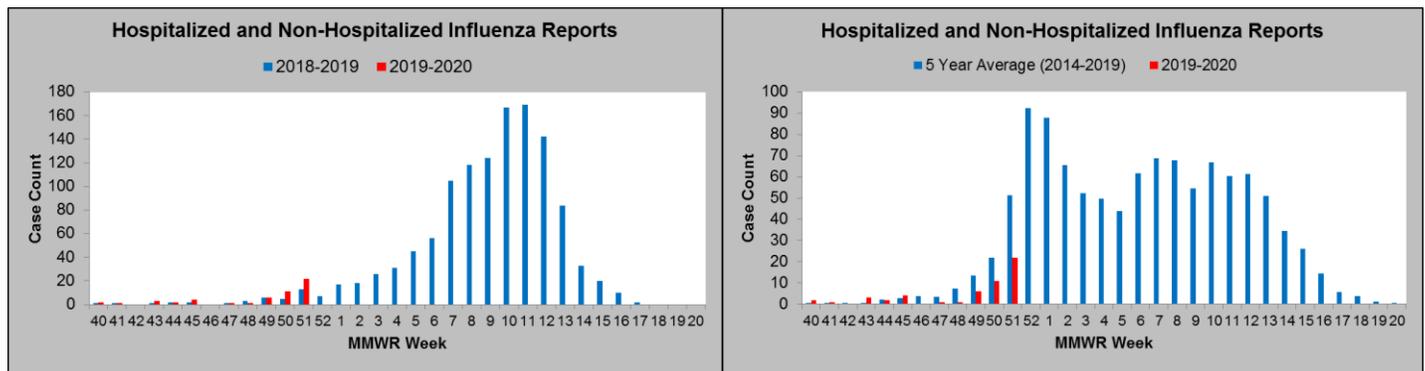
- There have been 11 influenza-associated hospitalizations in Stark County since 9/29/2019.
  - Median age of 28.5, range of 6 months to 82 years of age
- The national cumulative rate of influenza-associated hospitalizations was 6.6 per 100,000.
- Nationally, 22 influenza-associated pediatric deaths were reported so far this year
- Up to Week 51, the following specimens were collected nationally from public health laboratories:

Type/Subtype	YTD	% YTD
<b>Influenza A</b>	<b>3325</b>	<b>40.8%</b>
(H1N1)pdm09	2358	74.9%
H3N2	789	25.1%
The remainder were not subtyped		
<b>Influenza B</b>	<b>4826</b>	<b>59.2%</b>
Yamagata	87	2.5%
Victoria	3394	97.5%
The remainder were not subtyped		

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



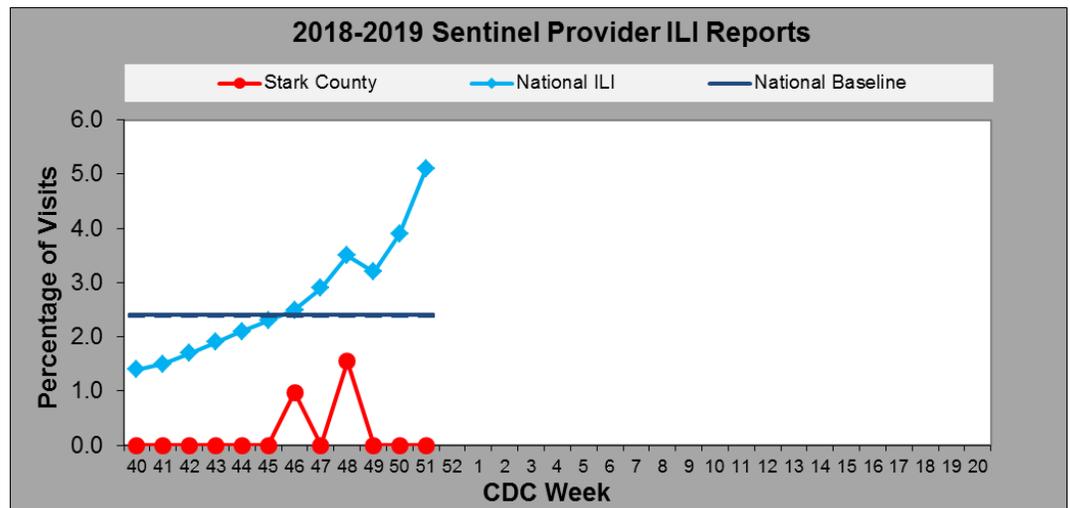
**Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.**



- ◆ There were 22 cases of hospitalized or non-hospitalized influenza reported for Week 51 in Stark County. Last year at the same time there were 13 cases reported. Stark County increased to 53 cases reported so far this year compared to 35 at this time last year.

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

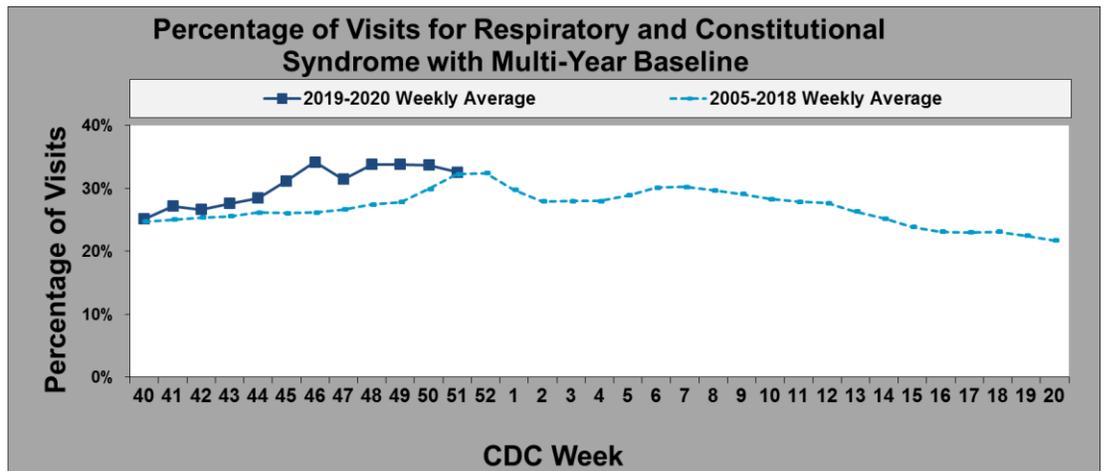
- ◆ During Week 51, Stark County Sentinel Providers did not report any visits for ILI. The national reports show that 5.1% of ED visits are due to ILI, above the 2.4% baseline.



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

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

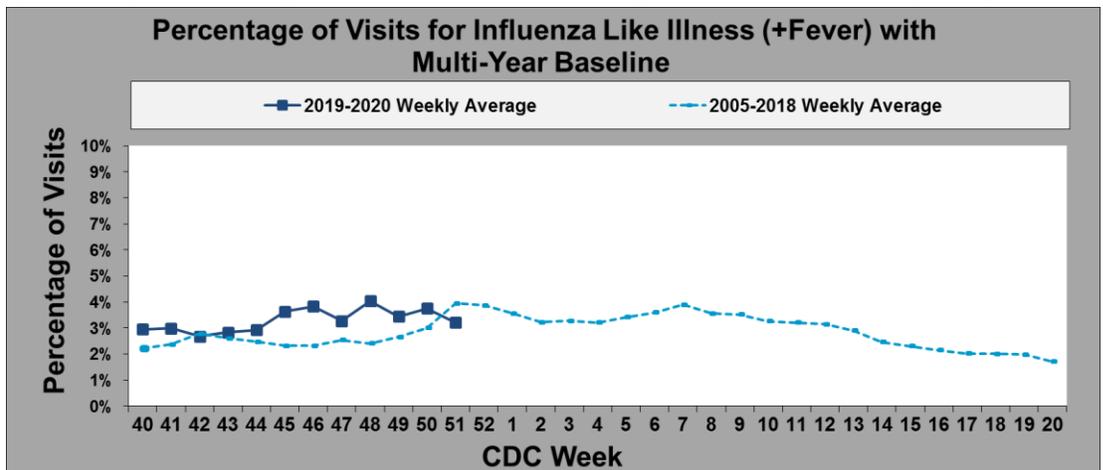
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome decreased to 32.55% of ED visits, and dropped to the multi-year baseline average during Week 51.



**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 51 decreased to 3.21% of ED visits, and dipped below the multi-year average.

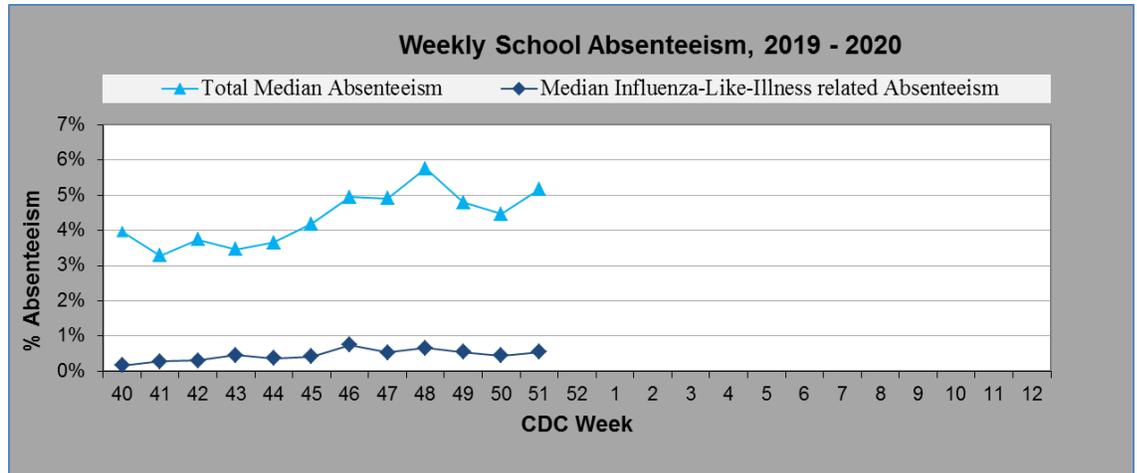


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org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

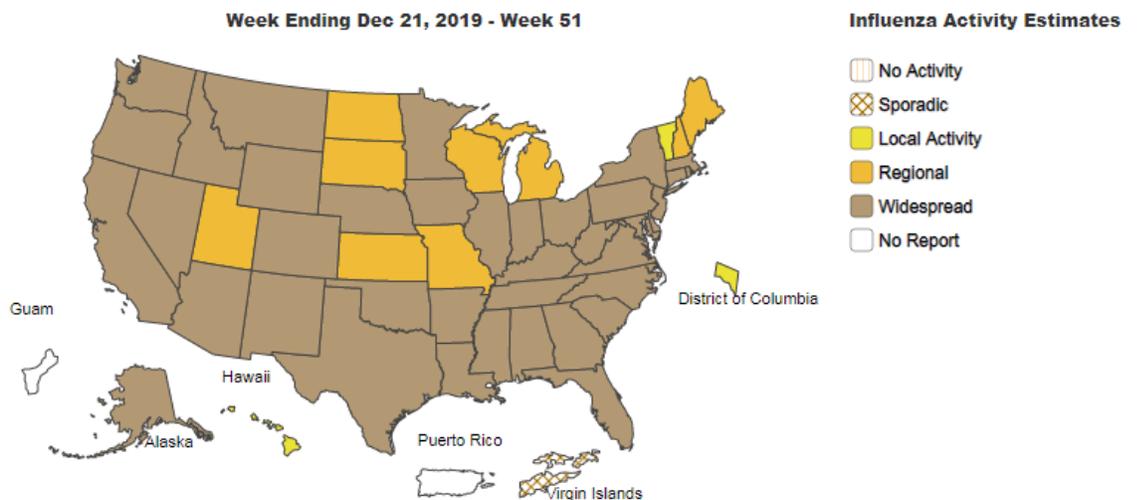
- ◆ During Week 51, Stark County schools reported a total median absenteeism of 5.16%. Absenteeism due to influenza-like-illness was reported at 0.55% of all absences. 38 schools reported.



**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 51, Ohio reported widespread influenza activity, along with 38 other states
- No Activity – Puerto Rico, Guam
- Sporadic – USVI
- Local- 2 states, DC
- Regional – 9 states



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