

# Stark County's Influenza Weekly Report

## Week 4 (01/19/2020 – 01/25/2020)



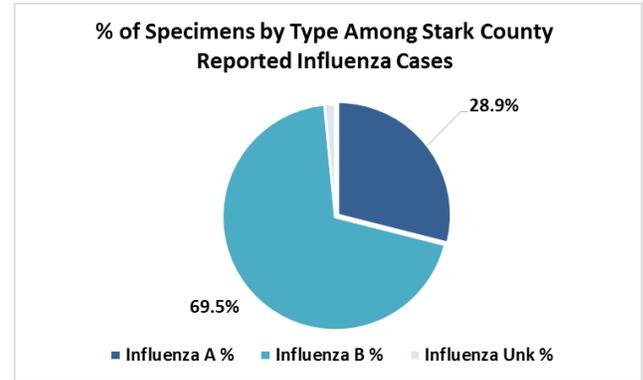
**Public Health**  
Prevent. Promote. Protect.

### During Week 4:

- Stark County had 20 influenza-associated hospitalization.
- Nationally, 14 influenza-associated pediatric deaths was reported.
- During week 4, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 4	% Week 4
<b>Influenza A</b>	<b>629</b>	<b>55.7%</b>
(H1N1)pdm09	585	96.1%
H3N2	24	3.9%
The remainder were not subtyped		
<b>Influenza B</b>	<b>500</b>	<b>44.3%</b>
Yamagata	1	0.3%
Victoria	357	99.7%
The remainder were not subtyped		

### Stark County Positive Influenza Cases by Type

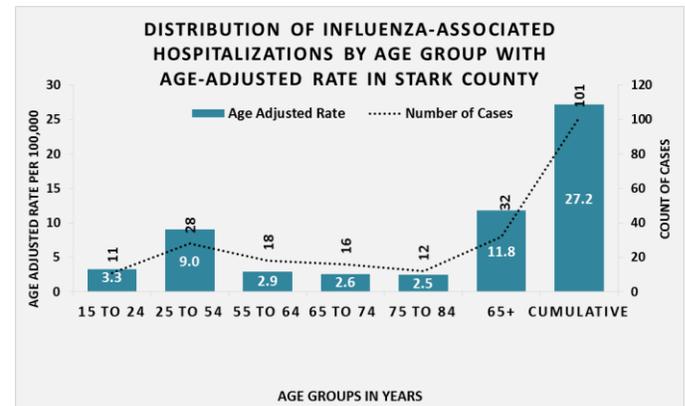


### So Far this Year:

- There have been 101 influenza-associated hospitalizations in Stark County since 9/29/2019. *Two additional cases were reported before Week 40 2019.*
  - The median age is 54.0 years, with a range of 8 months to 90 years.
- A cumulative rate of 29.7 laboratory-confirmed influenza-associated hospitalizations per 100,000 population was reported.
- Nationally, 68 influenza-associated pediatric deaths were reported so far this year
- Up to week 4, the following specimens were collected nationally from public health laboratories:

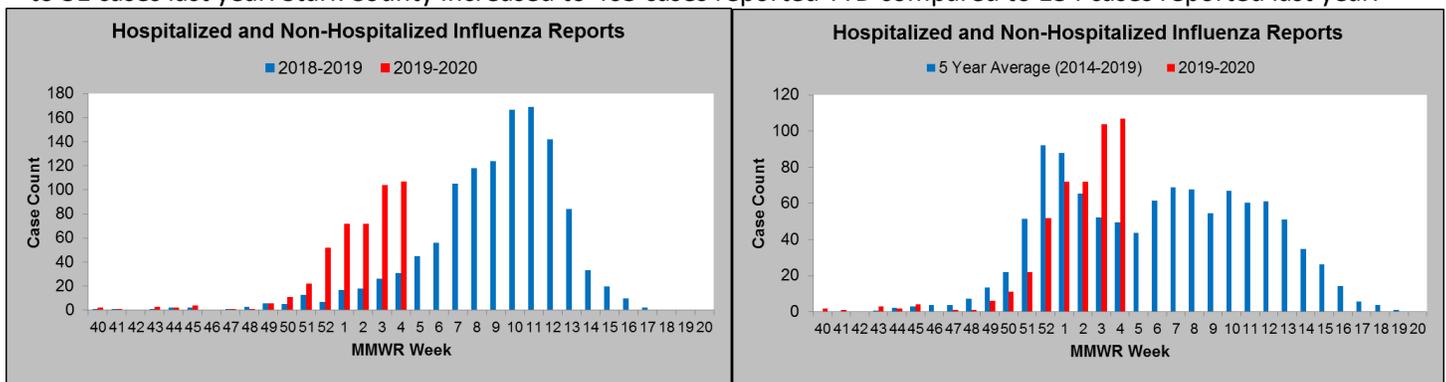
Type/Subtype	YTD	% YTD
<b>Influenza A</b>	<b>9738</b>	<b>46.0%</b>
(H1N1)pdm09	8261	87.5%
H3N2	1175	12.5%
The remainder were not subtyped		
<b>Influenza B</b>	<b>11445</b>	<b>54.0%</b>
Yamagata	154	1.8%
Victoria	8539	98.2%
The remainder were not subtyped		

### 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.

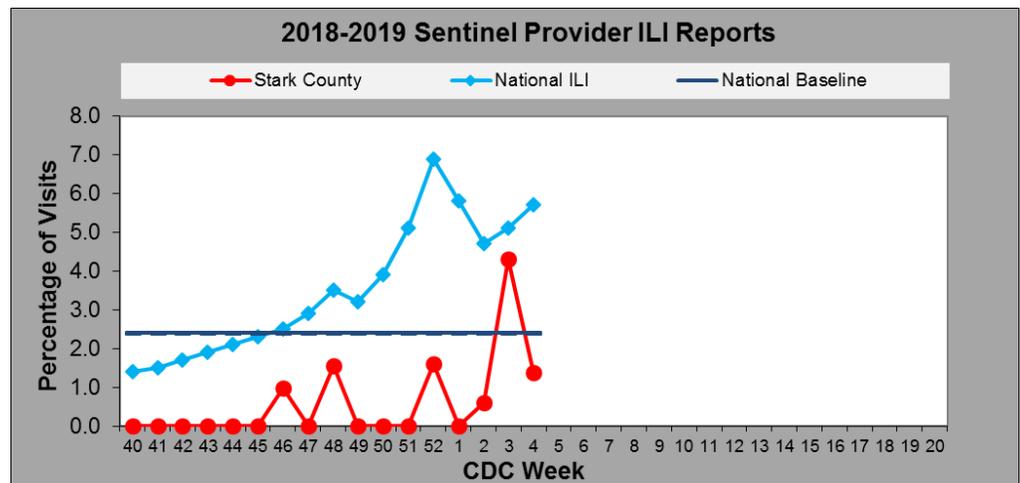
- ◆ There were 107 cases of hospitalized and non-hospitalized influenza reported for Week 4 in Stark County, compared to 31 cases last year. Stark County increased to 463 cases reported YTD compared to 134 cases reported last year.



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

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

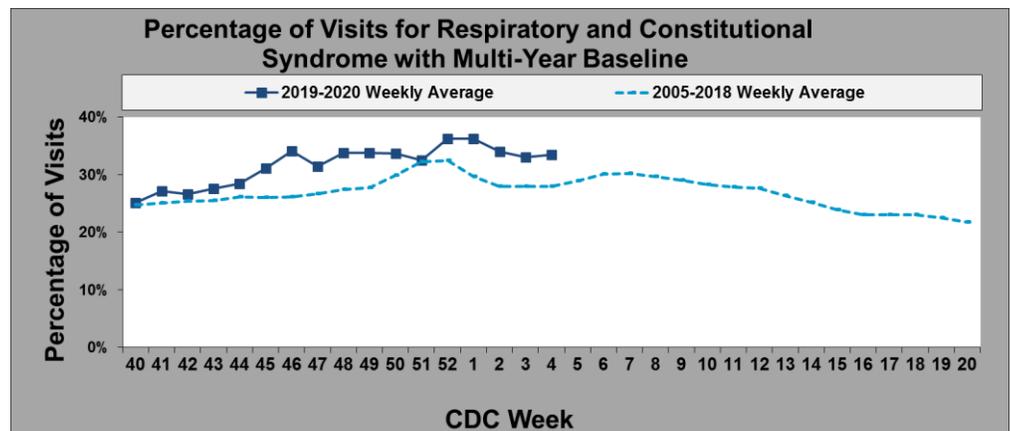
- ◆ During week 4, Stark County Sentinel Providers reported that 1.37% of their patient visits were due to ILI, which is a significant decrease from the previous week. The national reports show that 5.7% of patient visits are due to ILI and remained above the 2.4% baseline.



**Graph 4: Emergency Department Visits for Respiratory and Constitutional Syndromes.**

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

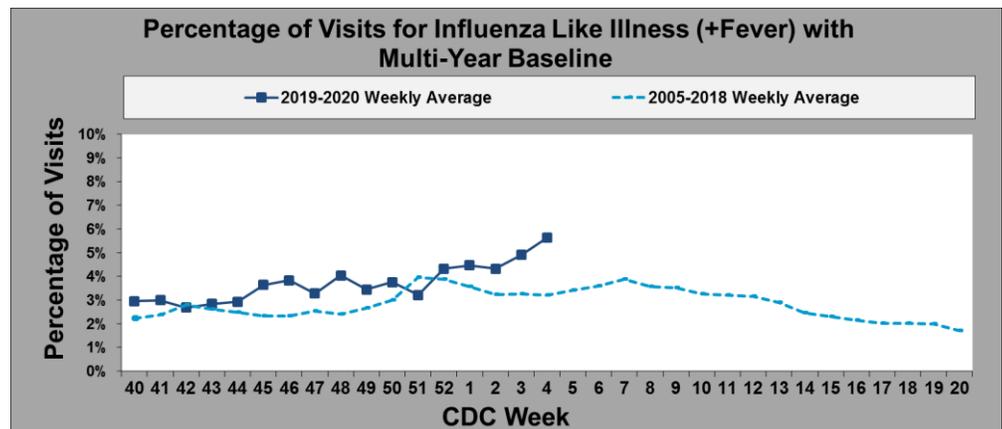
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome slightly increased to 33.44% of ED visits, and remained above the multi-year baseline average during week 4.



**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 4 increased to 5.63% of ED visits, and remained above the multi-year average.

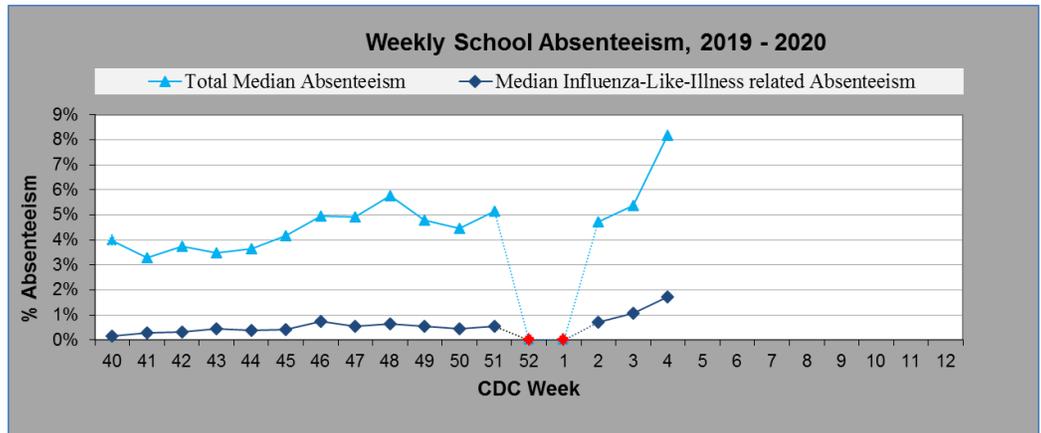


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org 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 4, Stark County schools reported that ILI related absenteeism was 1.72% of all absenteeism, and the total median absenteeism was 8.17%. Twenty 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 4, Ohio continued to report widespread influenza activity, along with 48 other states & Puerto Rico  
 Regional activity – 1 states  
 Local activity – 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 25, 2020 - Week 4



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



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