

Stark County's Influenza Weekly Report

Week 50 (12/12/2021 — 12/18/2021)



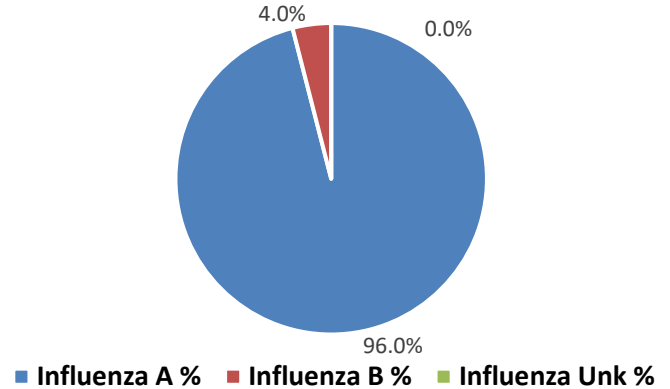
Public Health
Prevent. Promote. Protect.

During Week 50:

- Stark County had one influenza-associated hospitalization.
- Nationally, one influenza-associated pediatric death was reported.
- During week 50, the following specimens were collected nationally from public health laboratories:

Type/Subtype	Week 50	% Week 50
Influenza A	691	100%
(H1N1)pdm09	0	0.0%
H3N2	364	100.0%
H3N2v	0	0.0%
The remainder were not subtyped		
Influenza B	0	0.0%
Yamagata	0	0.0%
Victoria	0	0.0%
The remainder were not subtyped		

% of Specimens by Type Among Stark County Reported Influenza Cases



So Far this Year:

- There have been five influenza-associated hospitalizations in Stark County during this influenza season.
 - Age range and median age is not available due to low case count
- The national cumulative rate of influenza-associated hospitalizations is 1.4 per 100,000.
- Nationally, two influenza-associated pediatric deaths have been reported so far this year.
- Up to week 50, the following specimens were collected nationally from public health laboratories:

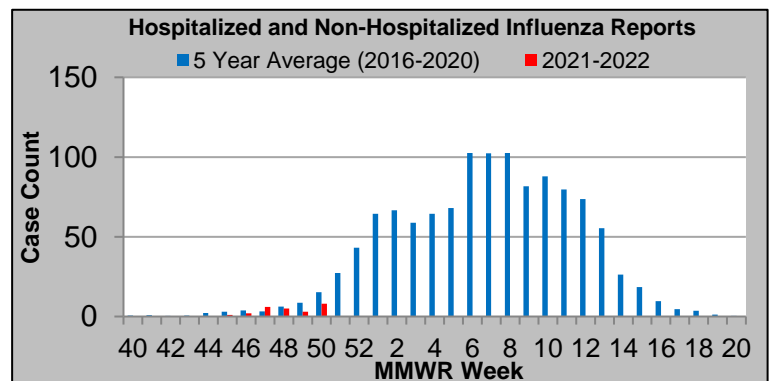
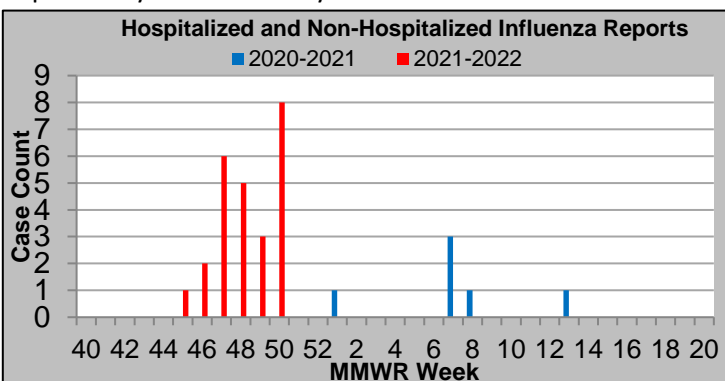
Type/Subtype	YTD	% YTD
Influenza A	4261	98.6%
(H1N1)pdm09	4	0.1%
H3N2	3299	99.8%
H3N2v	1	<0.1%
The remainder were not subtyped		
Influenza B	60	1.4%
Yamagata	1	3.3%
Victoria	29	96.7%
The remainder were not subtyped		

Distribution of Influenza-Associated Hospitalizations by Age Group with Age-Adjusted Rate in Stark County

CHART COMING SOON

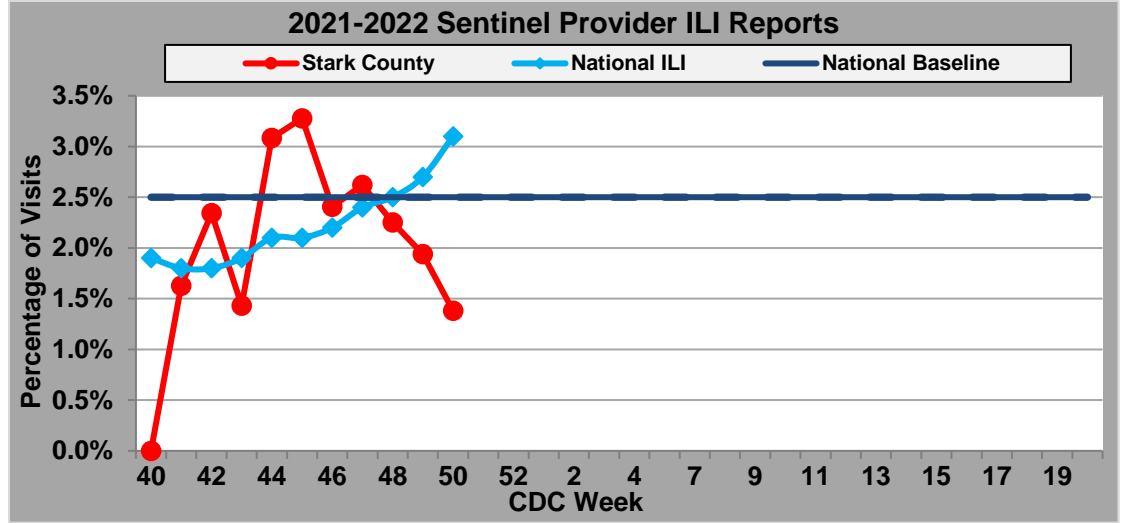
Graph 1A and 1B: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.

There were eight cases of hospitalized and non-hospitalized influenza reported for Week 50 in Stark County. Last year, there were zero cases reported during this week. Stark County has reported 25 cases so far this year compared to the zero cases reported by this time last year.



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

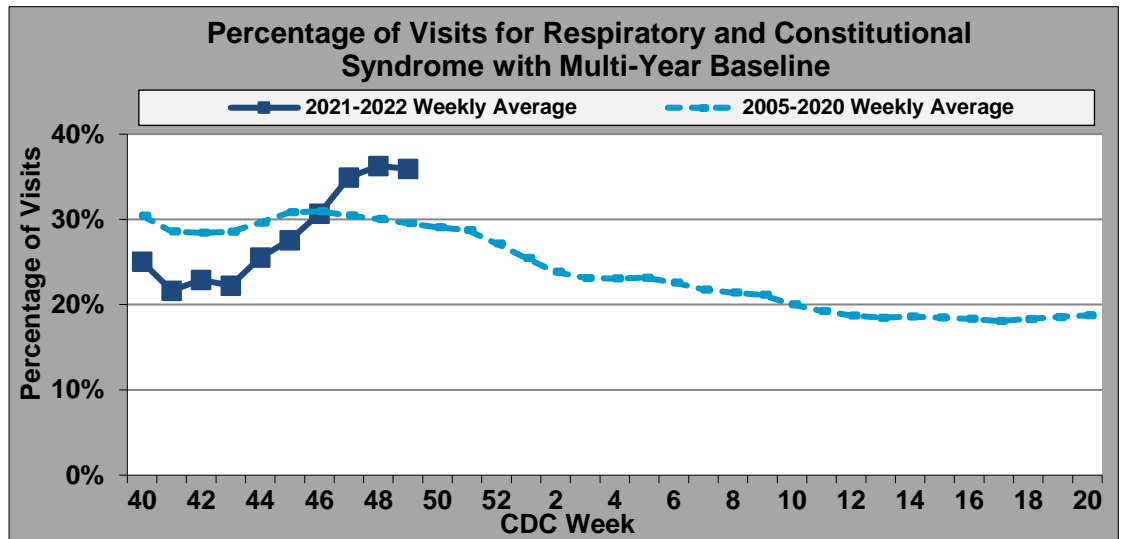
- ◆ During week 50, Stark County Sentinel Providers reported that 1.38% of office visits were due to ILI. The national reports show that 3.1% of outpatient visits are due to ILI, which exceeds the 2.5% baseline.



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

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

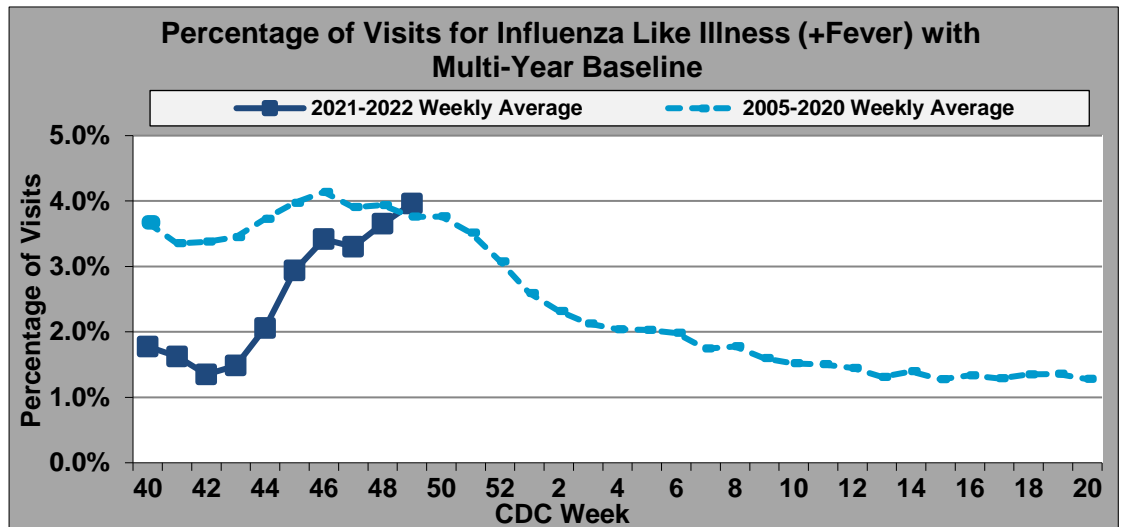
- ◆ ED and Stat Care visits for respiratory and constitutional syndrome were reported at 35.94% of ED visits, which remained above the multi-year baseline average during week 50.



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 were reported at 3.96% of ED visits, which exceeds the multi-year baseline average during week 50.

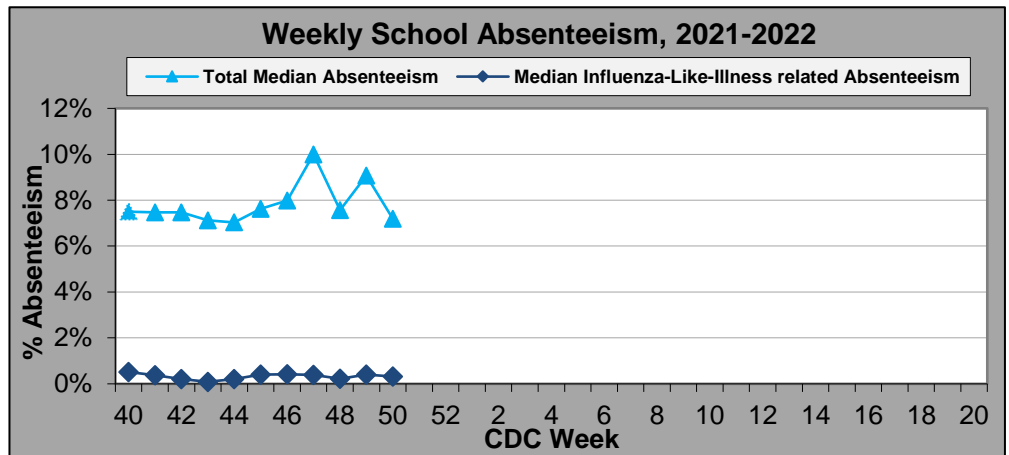


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Chelsea Sadinski 330.489.9914 or sadinskic@starkhealth.org or Amanda Archer at 330.438.4646 or aarcher@cantonhealth.org

Graph 5: Stark County School Absenteeism.

(Source: Voluntary reporting by multiple school districts throughout the county)

- ◆ During week 50, Stark County schools reported a total median absenteeism of 7.19%. Absenteeism due to influenza-like-illness was reported at 0.32% of all absences. 39 schools reported.



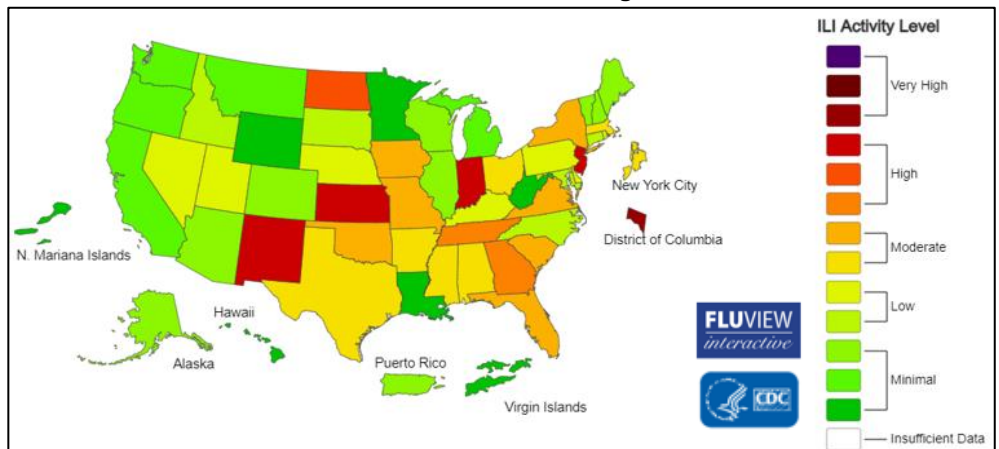
Map: ILI Activity Level Indicator Determined by Data Reported to ILINet.

(Data collected in ILINet may disproportionately represent certain populations within a jurisdiction or CBSA, and therefore, may not accurately depict the full picture of influenza activity for the entire jurisdiction or CBSA. Differences in the data presented here by CDC and independently by some health departments likely represent differing levels of data completeness with data presented by the health department likely being the more complete.)

**A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet**

This system monitors visits for ILI (fever and cough or sore throat), not laboratory confirmed influenza and may capture patient visits due to other respiratory pathogens that cause similar symptoms.

2021-2022 Influenza Season Week 50 ending December 18, 2021



For 2021-2022, the influenza report will include the visual representation of ILI activity as a replacement for the visual of geographic spread of influenza as assessed by State and Territorial Epidemiologists. This is due to the CDC suspending the system used for this reporting. Data collected in ILINet are used to produce a measure of ILI activity by state/jurisdiction and Core Based Statistical Areas (CBSA).

Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists

Due to the impact of COVID-19 on ILI surveillance, and the fact that the state and territorial epidemiologists report relies heavily on ILI activity, reporting for this system will be suspended for the 2021-2022 influenza season. Data from previous seasons is available on FluView Interactive.



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