

Stark County's Influenza Weekly Report

Week 14 (3/29/2020 – 4/4/2020)



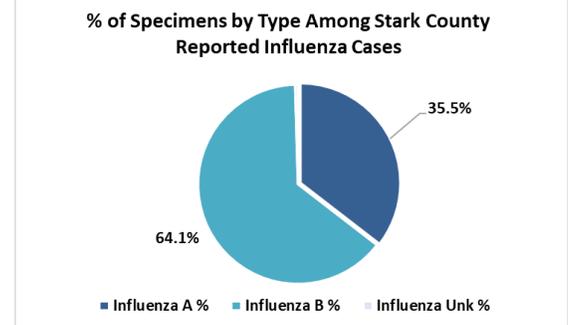
Public Health
Prevent. Promote. Protect.

During Week 14:

- Stark County had 3 influenza-associated hospitalizations.
- Nationally, 4 influenza-associated pediatric deaths were reported.
- During Week 14, the following specimens were collected nationally from public health laboratories:

| Type/Subtype | Week 14 | % Week 14 |
|---------------------------------|-----------|--------------|
| Influenza A | 31 | 88.6% |
| (H1N1)pdm09 | 28 | 96.6% |
| H3N2 | 1 | 3.4% |
| The remainder were not subtyped | | |
| Influenza B | 4 | 11.4% |
| Yamagata | 0 | 0.0% |
| Victoria | 0 | 0.0% |
| The remainder were not subtyped | | |

Stark County Positive Influenza Cases by Type

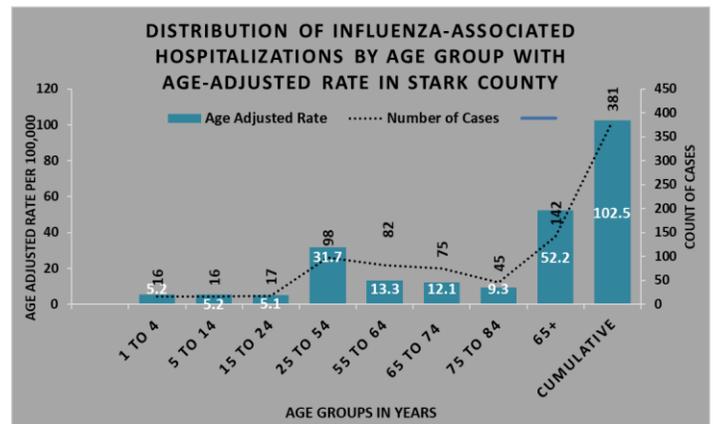


So Far this Year:

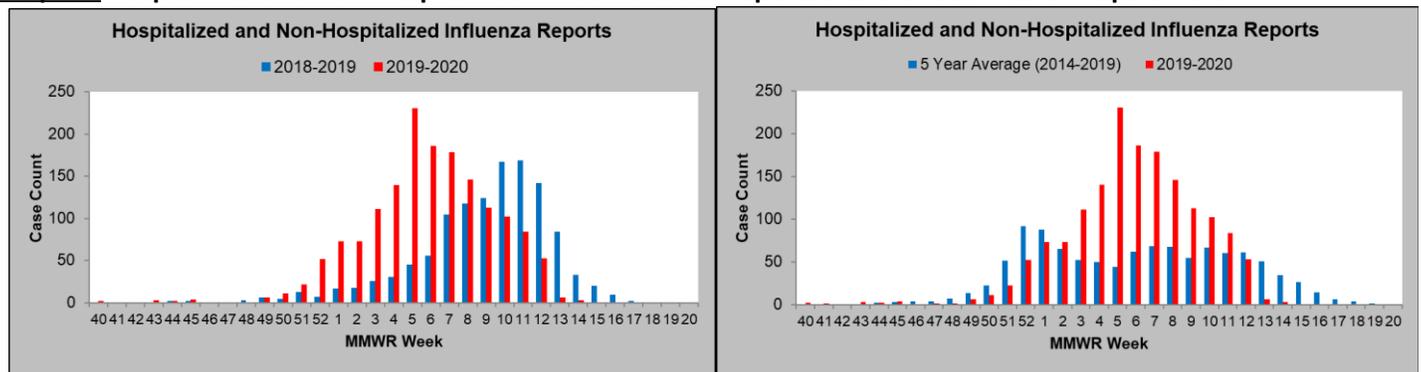
- There have been 381 influenza-associated hospitalizations in Stark County since 9/29/2019.
 - Median age of 59, range of 1 months to 93 years
- The national cumulative rate of influenza-associated hospitalizations was 68.2 per 100,000.
- CDC reported an interim vaccine effectiveness of 45%
- Nationally, 166 influenza-associated pediatric deaths have been reported
- Up to Week 14, the following specimens were collected nationally from public health laboratories:

| Type/Subtype | YTD | % YTD |
|---------------------------------|---------------|--------------|
| Influenza A | 24,822 | 57.1% |
| (H1N1)pdm09 | 22,324 | 92.6% |
| H3N2 | 1,780 | 7.4% |
| The remainder were not subtyped | | |
| Influenza B | 18,634 | 42.9% |
| Yamagata | 238 | 1.6% |
| Victoria | 14,198 | 98.4% |
| The remainder were not subtyped | | |

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



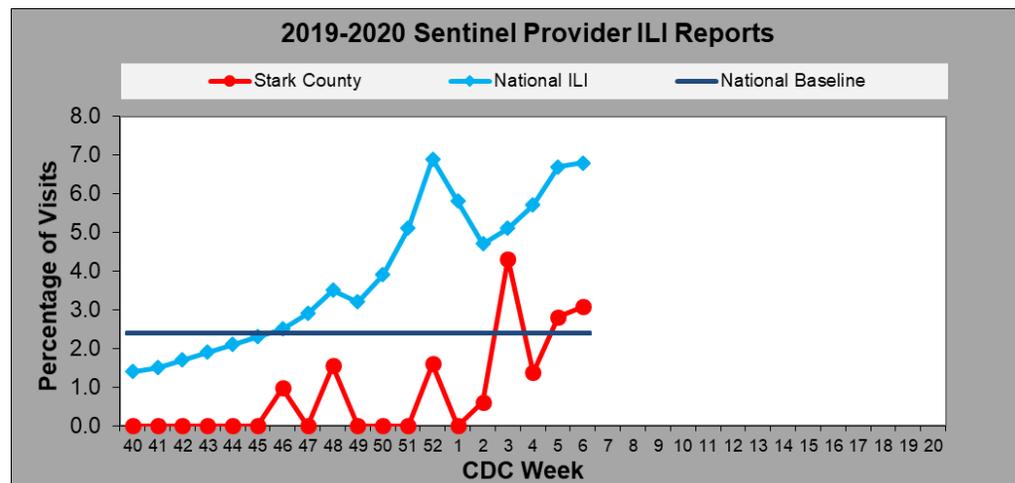
Graph 1: Hospitalized and Non-Hospitalized Influenza Cases Reported to the Local Health Department.



- ◆ There were 14 cases of hospitalized or non-hospitalized influenza reported for Week 14 in Stark County; 33 at the same time last year. Stark County increased to 1,608 cases reported so far this year; 1,177 reported this time last year.

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

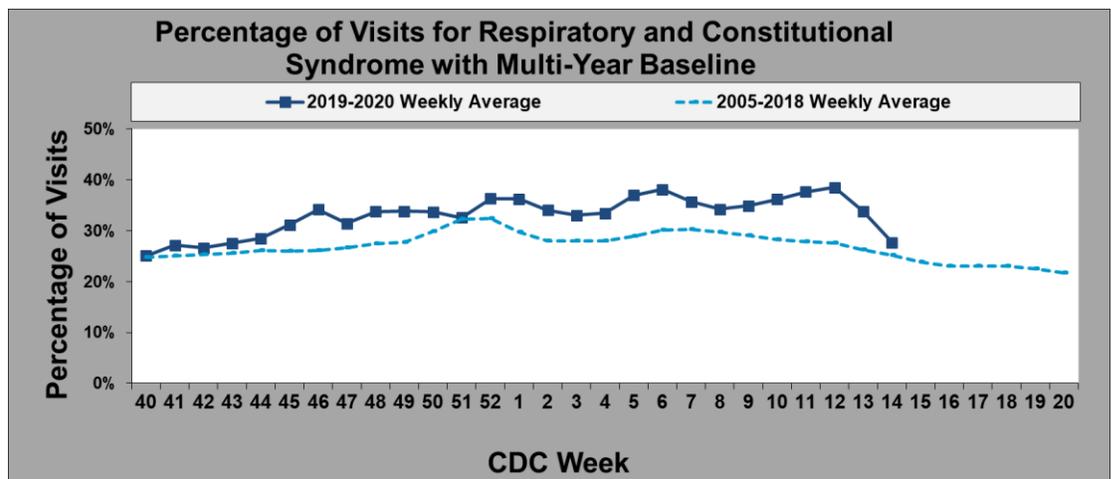
- ◆ During Week 14, Stark County Sentinel Providers report is incomplete. Data is temporarily unavailable.



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

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

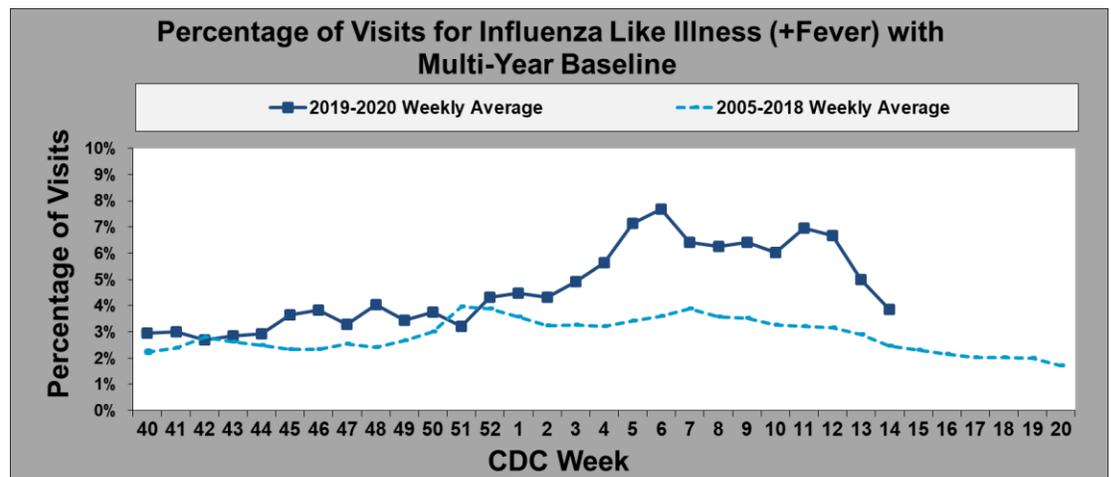
- ◆ During Week 14, ED and Stat Care visits for respiratory and constitutional syndrome decreased to 27.69% of ED visits, just slightly above the multi-year baseline average.



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 14 decreased to 3.84% of ED visits, still above the multi-year average.

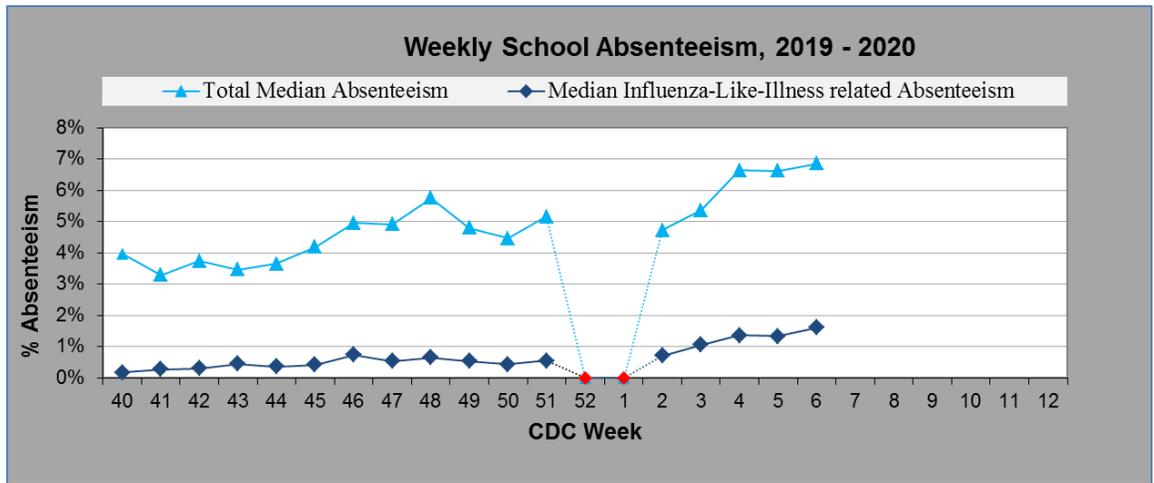


- All data presented in this weekly report are preliminary and may change as additional information is received.
- Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.
- If you have any questions please contact Avi Joseph at 330.493.9914 or josepha@starkhealth.org or Amanda Archer at 330.489.3327 or aarcher@cantonhealth.org

Graph 5: Stark County School Absenteeism

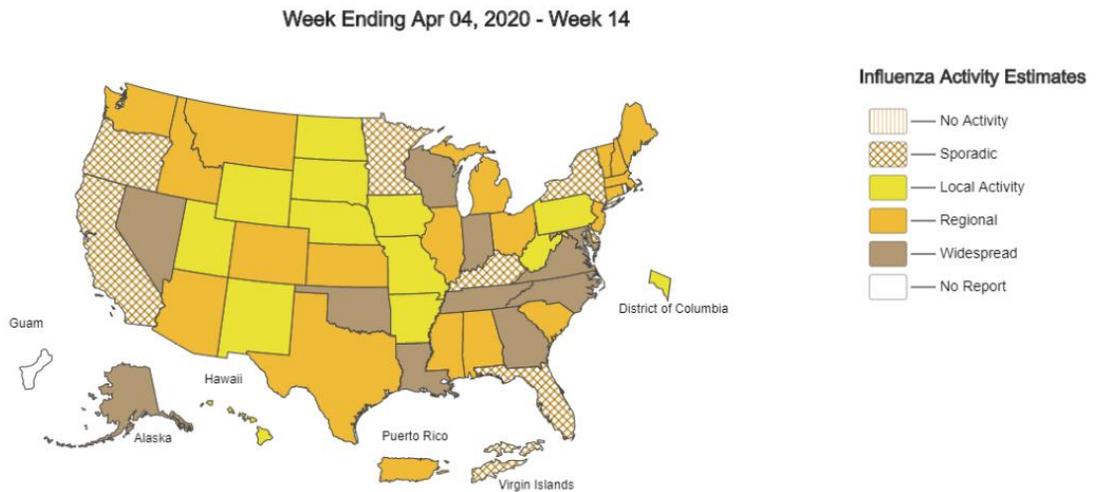
(Source: Voluntary reporting by multiple school districts throughout the county)

- ◆ During Week 14, schools remain closed due to COVID-19, and historically do not report to local public health after Week 12.



Map: Weekly Geographic Influenza Activity Estimates Reported by State and Territorial Epidemiologists Syndromes.

- ◆ During Week 14, Ohio, along with 19 other states reported regional influenza activity,
- ◆ Widespread activity was reported by 11 states ,
- ◆ Local- DC and 12 states
- ◆ Sporadic – USVI and 7 states
- ◆ No Activity –one state



Source: Health Monitoring Systems, EpiCenter, hospital and stat care patient registration surveillance system)



- 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