

## Current Season Summary:

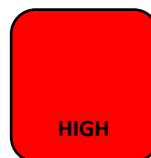
March 1 – March 7, 2020  
MMWR Week 10

This week, there were 170 emergency department visits for influenza-like illnesses out of 6,423 total emergency department visits for any cause; there were 52 confirmed hospitalizations for influenza this week bringing the seasonal total to 923<sup>‡</sup>; and, there were 19 pneumonia- or influenza-related deaths out of 308 total deaths\* for any cause. There was 1 influenza outbreak reported in Week 10 bringing the total number of outbreaks to 8.

Influenza A is the predominant strain noted this week. Over the course of this season among those with known vaccination status, 56% of those with Influenza A were not vaccinated and 62% of those with Influenza B were not vaccinated. The CDC reports that this vaccine is a good match for the current circulating strain of Influenza A (H1N1 lineage).

### Flu Intensity This Week

For the seventh week in a row, flu activity remains *Very High*



### Seasonal Flu Intensity



Flu Intensity Indicators	This Week n (%)	Season Total n (%)
Emergency Department Visits for Influenza-Like Illnesses	170 (2.65%)	3,577 (2.42%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	52	923
Pneumonia- & Influenza-Related Deaths*	19 (6.2%)	332 (4.9%)

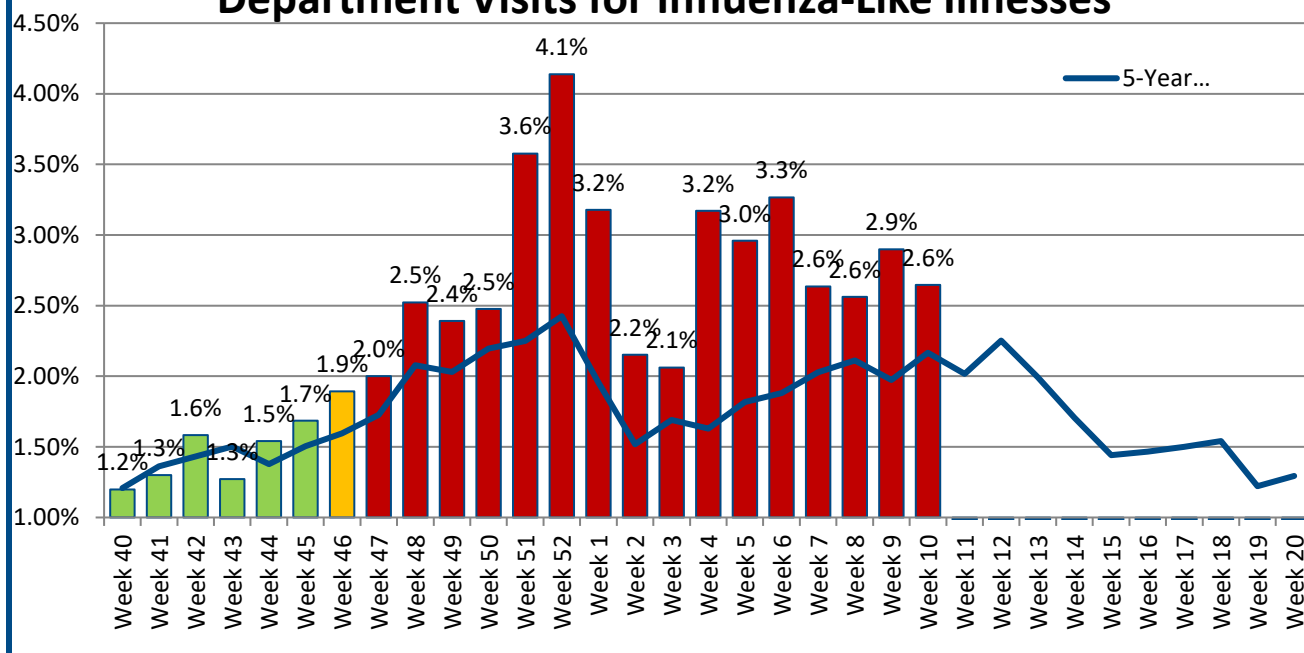
<sup>‡</sup> Due to the large number of hospitalizations and delays in reporting, methodology was updated in Week 1 to include cases that are still open but confirmed.

\*Deaths represent all deaths for Cuyahoga County. All other data presented are City of Cleveland-specific. Data are preliminary and subject to change as more information is gained.

The three indicators for calculating the intensity thresholds are based [on 2017 methodology from the Centers for Disease Control and Prevention](#).

## Influenza-Like Illnesses

**Figure 1: 2019-2020 Proportion of Emergency Department Visits for Influenza-Like Illnesses**



**LOW**

< 1.88%

**MODERATE**

1.88% - 1.94%

**HIGH**

1.94% - 1.99%

**VERY HIGH**

1.99% <

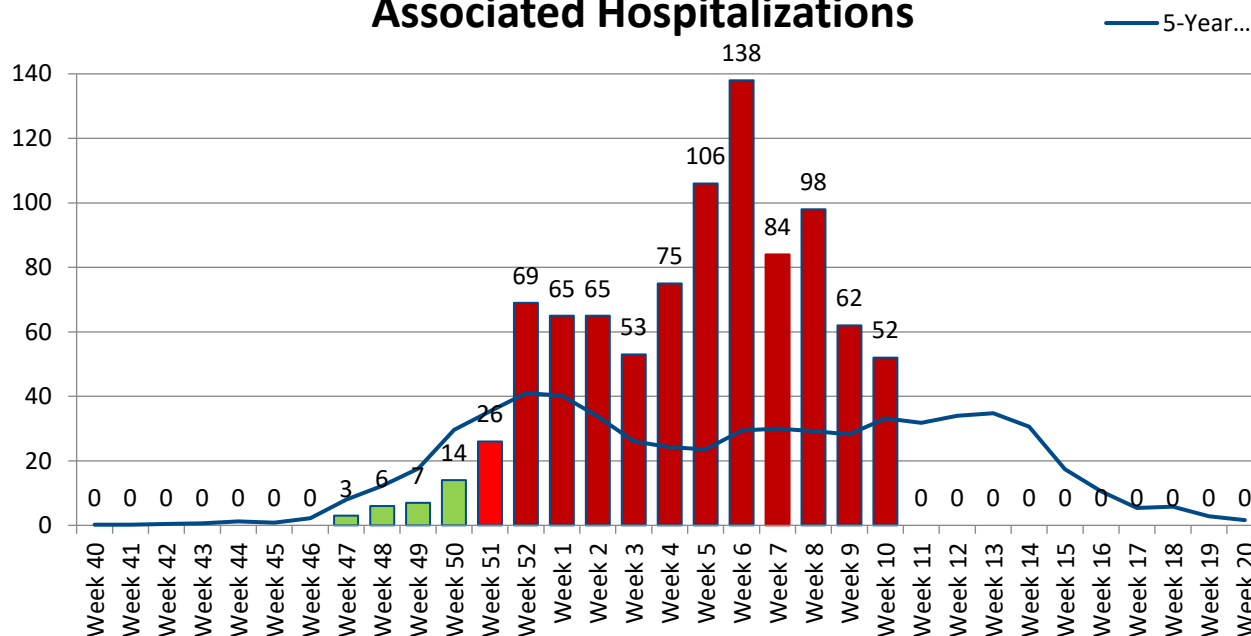
The proportion of Emergency Room visits for influenza-like illnesses remains elevated beyond what has been observed in 5 years. This week 52% of visits were among males. Regarding race and ethnicity, 39% of visits were Black or African American individuals; 24% were among White or Caucasian individuals; and more than a third (34%) of visits were among other racial groups. A fourth (25%) of visits were among Hispanic or Latin individuals. The median age this week is 14 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 3/13/2020.

Low, Moderate, and High intensity thresholds are defined as the 50%, 90%, and 99% Confidence Intervals, respectively, based on the 5-Year Average of previous seasons

## Hospitalizations

**Figure 2. 2019-2020 Confirmed Influenza-Associated Hospitalizations**



**LOW**

< 22.71

**MODERATE**

22.71 – 25.05

**HIGH**

25.05 – 27.29

**VERY HIGH**

27.29 <

The number of hospitalizations remains above what has been observed over the past 5 years. Influenza A is the predominant strain currently, which was observed among 85% of cases this week. This week, most cases (56%) occurred among Black or African Americans, and 28% were among White or Caucasian populations, which is similar to what has been observed this season. A little more than half (56%) of all hospitalizations were among females this week. The median age of cases this week was 49 years of age.

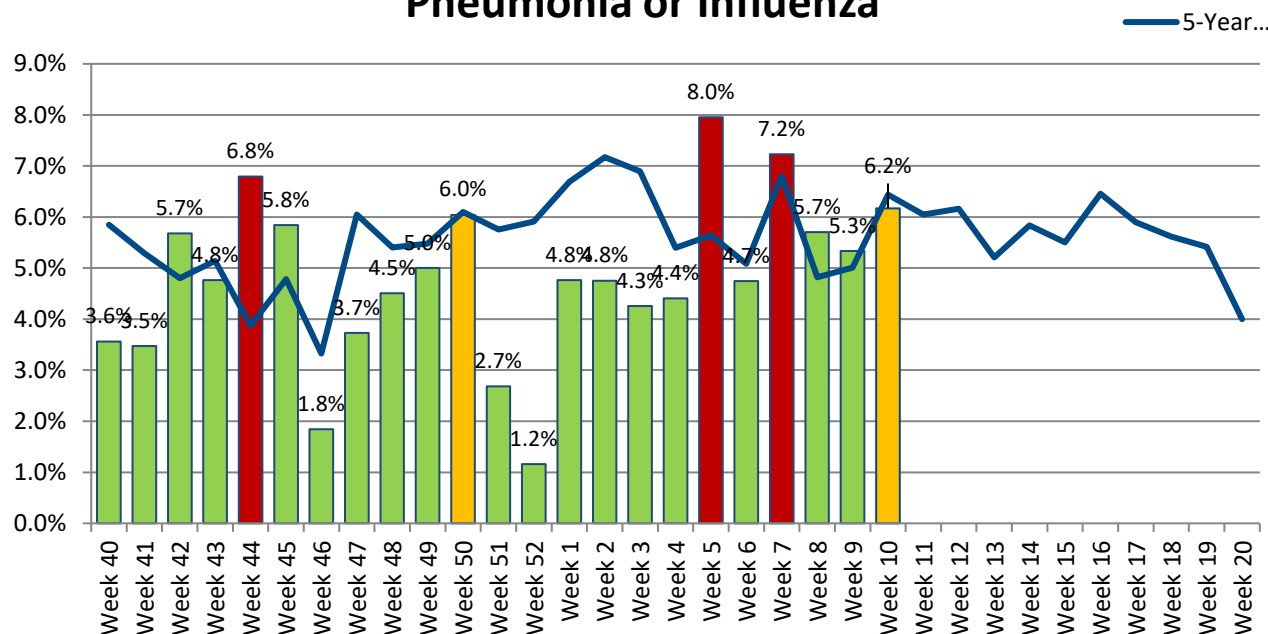
Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 03/13/2020. Data are preliminary and subject to change as more information is gained.

\* Due to the large number of hospitalizations and delays in reporting, methodology was updated in Week 1 to include cases that are still open but confirmed.

Low, Moderate, and High intensity thresholds are defined as the 50%, 90%, and 99% Confidence Intervals, respectively, based on the 5-Year Average of previous seasons.

## Pneumonia- & Influenza-Associated Deaths\*

**Figure 3. Proportion of Deaths Associated with Pneumonia or Influenza**



**LOW**

< 6.02%

**MODERATE**

6.02% - 6.19%

**HIGH**

6.19% - 6.34%

**VERY HIGH**

6.34% <

There have been 332 deaths this season due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is within the *low* threshold this week. This week, the data show the 3 additional influenza specific-related deaths yielding a seasonal total of 29. One (1) of the influenza-related deaths this week occurred within the City of Cleveland. The majority P&I deaths that occurred this season were among individuals aged 45 years and older although the week 1 death was among individuals younger than 45 years. To-date, 13 P&I deaths have occurred among younger age groups.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 3/11/2020. Data are preliminary and subject to change as more information is gained.

\*Deaths represent all deaths for Cuyahoga County. All other data presented are City of Cleveland-specific.

Low, Moderate, and High intensity thresholds are defined as the 50%, 90%, and 99% Confidence Intervals, respectively, based on the 5-Year Average of previous seasons.