

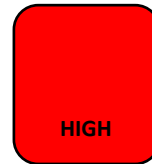
Current Season Summary:

December 1 – December 7, 2019
MMWR Week 49

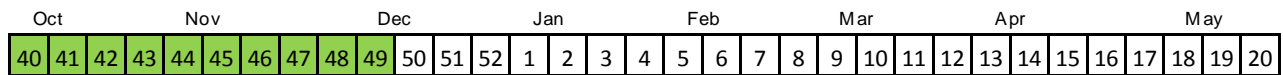
This week there were 161 emergency department visits for influenza-like illnesses out of 6,732 total visits to emergency departments; there were 6 hospitalizations for influenza this week bringing the seasonal total to 15; and, there were 17 pneumonia or flu related deaths out of 340 total deaths this week. Only one of the three indicators, influenza-like illnesses, was elevated to a *very high* threshold this week. Therefore, the seasonal flu intensity remains *Low*.

Flu Intensity This Week

Flu activity this week was minimal and remains at low intensity



Seasonal Flu Intensity

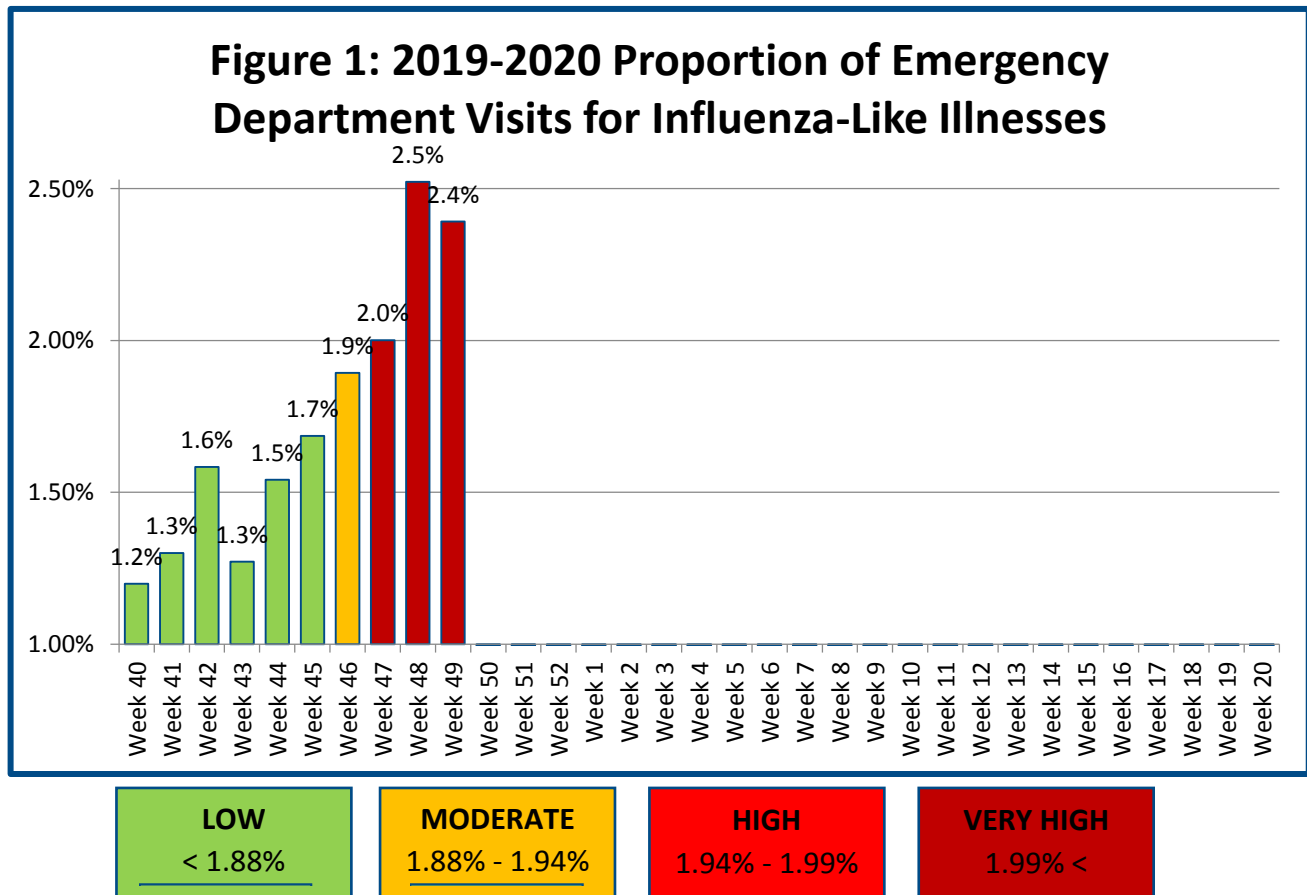


Flu Intensity Indicators	This Week n (%)	Season Total n (%)
Emergency Department Visits for Influenza-Like Illnesses	161 (2.39%)	1,069 (1.74%)
Confirmed Influenza Hospitalizations	6	15
Pneumonia- & Influenza-Related Deaths*	17 (5.0%)	129 (4.5%)

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

Influenza-Like Illnesses

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

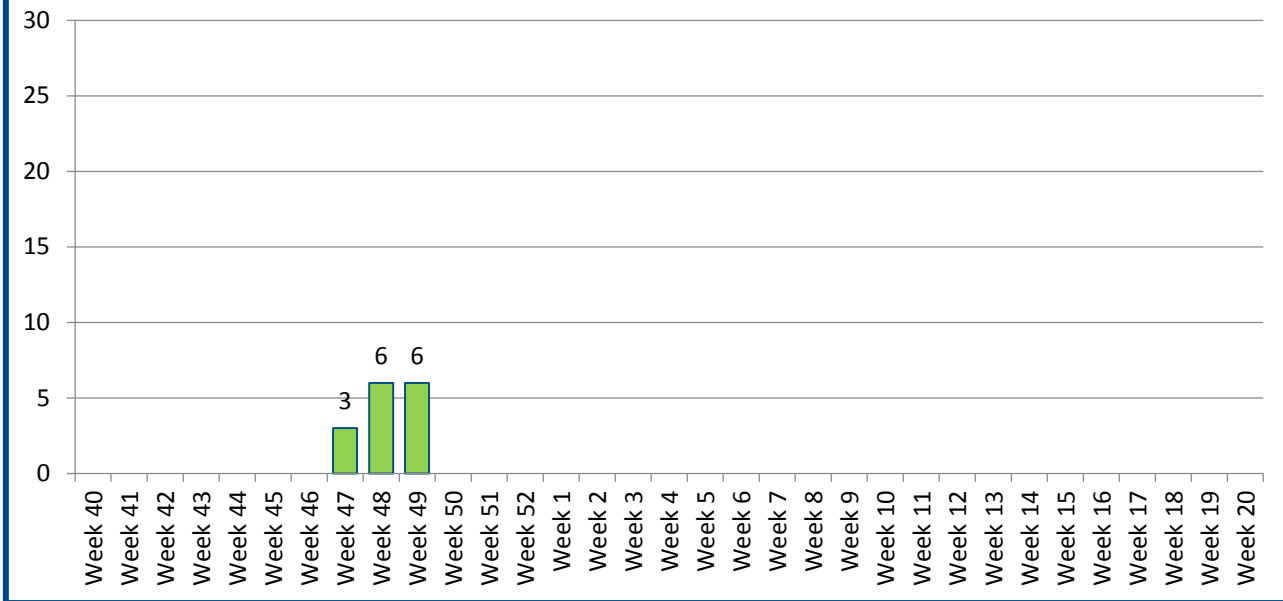


The proportion of Emergency Room visits for influenza-like illnesses was elevated to the *very high* threshold. This week 50% of visits were among males. Regarding race and ethnicity, 28% of visits were Black or African American individuals; 25% were among White or Caucasian individuals; and nearly a third (29%) of visits were among other racial groups. About one fourth (23%) of visits were among Hispanic or Latino individuals. The median age was 3 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.17. Data extracted on 12/2/2019.

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 <

There have been 15 hospitalizations related to influenza to-date. The majority (60%) of these are Influenza B-related with 2 cases being typed as Influenza B (Victoria). One case tested positive for both Influenza A and Influenza B strains. Most cases (67%) occurred among Black or African Americans. Males (47%) and females (53%) were similarly affected.

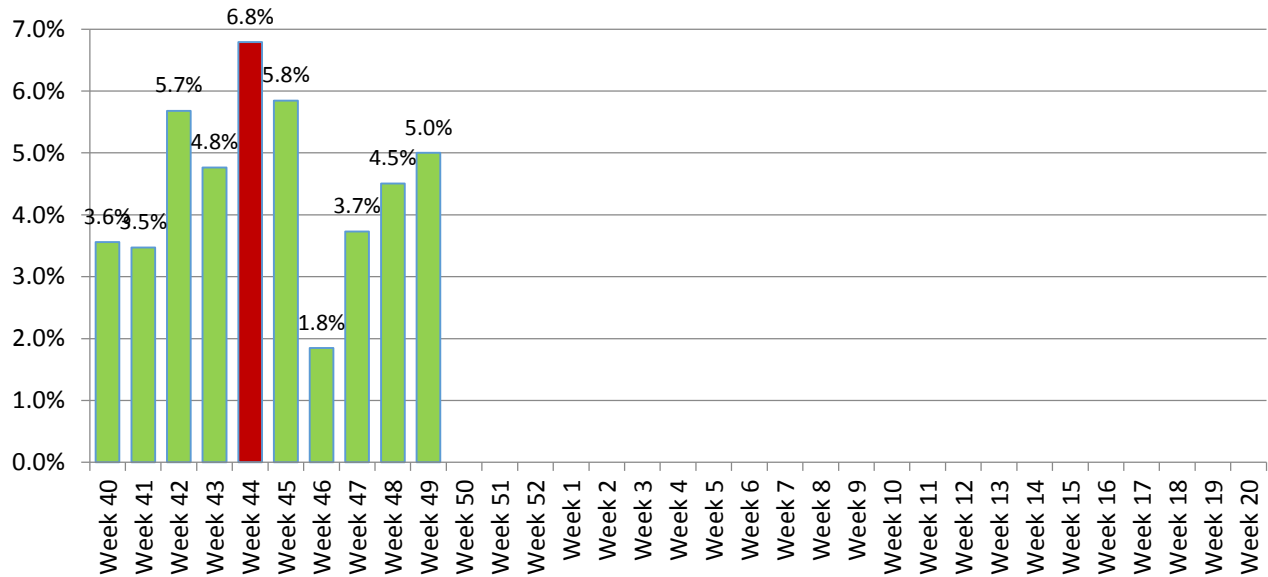
This season, younger populations appear to be affected most. The median age of cases this week was 49.5 years which is substantially younger than the 5-year median age of 60 years.

Data are preliminary and subject to change as more information is gained.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 12/12/2019.

Pneumonia- & Influenza-Associated Deaths*

Figure 3. 2019-2020 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%<

The proportion of deaths due to pneumonia or influenza-related (P&I) illnesses is still within the *low* threshold this week. Of all P&I deaths that have occurred this season, all are associated with pneumonia and not influenza. This week, one child between the ages of 1 and 14 died from a pneumonia-related illness. The rest of deaths occurred among individuals aged 45 years and older.

Almost all P&I deaths that occurred this week were among individuals aged 45 years and older. To-date, only 3 P&I deaths have occurred among younger age groups.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 12/10/2019.

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