

## Week 40 Highlights

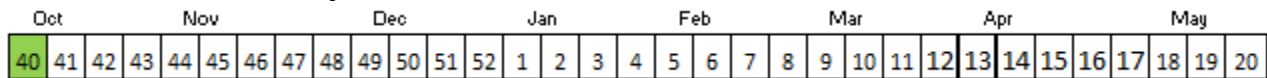
*The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.*

- This week, flu activity is classified as “Low”
- 13.76% of the 392 deaths reported were due to pneumonia. No influenza deaths were reported this week and there have been no influenza deaths so far this season.
- There were 1 confirmed cases of influenza-associated hospitalization were reported this week. This is the first hospitalization due to the flu were reported this season
- 1.42% of emergency department visits were for flu-like illness
- Influenza A remains the predominant strain. The vaccine remains a good match for the current circulating strain of Influenza A.

### Flu Intensity



### Seasonal Flu Intensity

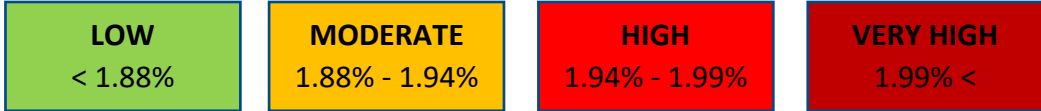


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	101 (1.42%)	-	101 (1.42%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	1	-	1
Pneumonia- & Influenza-Related Deaths	54 (13.76%)	-	54 (13.8%)

\*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

Date	Emergency Department visits for flu-like illness	Total Visits	Percentage
10/3/2021	14	813	1.72%
10/4/2021	12	967	1.24%
10/5/2021	16	939	1.70%
10/6/2021	16	955	1.68%
10/7/2021	20	940	2.12%
10/8/2021	8	862	0.93%
10/9/2021	15	834	1.80%
<b>Total</b>	<b>101</b>	<b>7,103</b>	<b>1.42%</b>



The proportion of Emergency Room visits for influenza-like illnesses is under the *low* threshold and lower than the 5-years average. This week 49% of visits were among males. Regarding race and ethnicity, 44% of visits were Black or African American individuals; 22% were among White individuals; and 34% of visits were among other racial groups. A quarter (25%) of visits were among Hispanic or Latin individuals. The median age this week is 7 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 10/14/2021.  
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

## Influenza-associated Hospitalizations

Date	Hospitalizations	5-Year Average
10/3/2021	1	0.2
10/4/2021	0	0.2
10/5/2021	0	0.2
10/6/2021	0	0.2
10/7/2021	0	0.2
10/8/2021	0	0.2
10/9/2021	0	0.2
<b>Total</b>	<b>1</b>	<b>0.2</b>

The number of hospitalizations is comparable to what has been observed over the past 5 years. Influenza A is the predominant strain currently, which was observed among all of cases this week. This week there was one influenza-associated hospitalization which was the first one of the season

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 10/14/2021. Data are preliminary and subject to change as more information is gained.

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\*

**October 3<sup>rd</sup> – October 9<sup>th</sup>, 2021**

Age	Pneumonia Deaths	Influenza Deaths	Total Deaths (P&I Death % of Total Deaths)
Unknown	0	0	0 (0.0%)
Under 1 year	0	0	4 (0.0%)
1-14 years	0	0	2 (0.0%)
15-24 years	0	0	5 (0.0%)
25-44 years	2	0	16 (0.62%)
45-64 years	18	0	96 (2.47%)
65-74 years	12	0	93 (0.93%)
75 years and older	22	0	176 (8.95%)
<b>Total</b>	<b>54</b>	<b>0</b>	<b>392 (13.76%)</b>

**LOW**

< 6.02%

**MODERATE**

6.02% - 6.19%

**HIGH**

6.19% - 6.34%

**VERY HIGH**

6.34% <

There have been 54 deaths this season due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is 2-fold over the *very high* threshold this week. This is likely because of COVID-19 deaths that had pneumonia complications. This week, the data shows there was not an influenza specific-related death. The majority P&I deaths that occurred this season were among individuals aged 45 years and older.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 10/14/2021. 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.