

## Week 42 Highlights

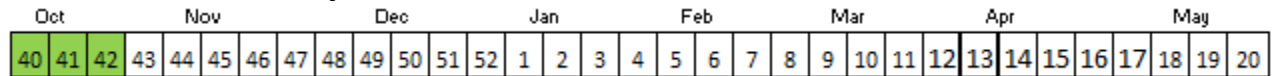
*The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.*

- This week, flu activity remains “Low”
- 13.2% of the 357 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 0 confirmed cases of influenza-associated hospitalization were reported this week. 1 hospitalization due to the flu were reported this season
- 1.72% 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

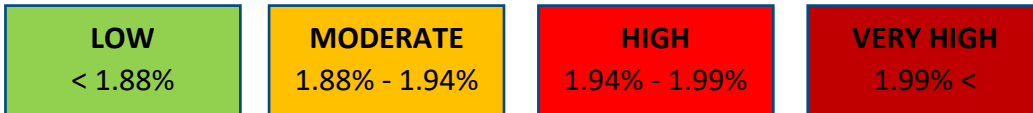


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	100 (1.72%)	+0.04%	303 (1.60%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	0	-	1
Pneumonia- & Influenza-Related Deaths	47 (13.2%)	+0.2%	143 (13.3%)

\*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
10/17/2021	15	675	2.2%
10/18/2021	17	906	1.88%
10/19/2021	11	911	1.21%
10/20/2021	9	926	0.97%
10/21/2021	16	827	1.93%
10/22/2021	17	811	2.10%
10/23/2021	15	771	1.95%
<b>Total</b>	<b>100</b>	<b>5,827</b>	<b>1.72%</b>



The proportion of Emergency Room visits for influenza-like illnesses is under the *low* threshold and lower than the 5-year average. This week 48% of visits were among males. Regarding race and ethnicity, 53% of visits were Black or African American individuals; 29% were among White individuals; and 18% of visits were among other racial groups. 14% of visits were among Hispanic or Latin individuals. The median age this week is 12 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 10/28/2021.

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
10/17/2021	0
10/18/2021	0
10/19/2021	0
10/20/2021	0
10/21/2021	0
10/22/2021	0
10/23/2021	0
<b>Total</b>	<b>0</b>

The number of hospitalizations remains very low compared 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 were not any influenza-associated hospitalizations keeping the season total at 1.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 10/28/2021. 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 17 <sup>th</sup> – October 23 <sup>rd</sup> , 2021			
Age	Pneumonia	Influenza	Total Deaths (Total P&I Death %)
Unknown	0	0	0
Under 1 year	0	0	5
1-14 years	0	0	3
15-24 years	0	0	2
25-44 years	2	0	22
45-64 years	13	0	77
65-74 years	13	0	74
75 years and older	19	0	174
<b>Total</b>	<b>47</b>	<b>0</b>	<b>357 (13.17%)</b>

**LOW**  
< 6.02%

**MODERATE**  
6.02% - 6.19%

**HIGH**  
6.19% - 6.34%

**VERY HIGH**  
6.34% <

There have been 47 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 75 years and older.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 10/28/2021. 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.