

## Week 42 Highlights

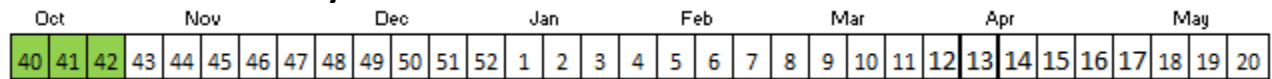
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is classified as “Low”
- 4.41% of the 272 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 two confirmed cases of influenza-associated hospitalization were reported this week.
- 2.84% of emergency department visits were for flu-like illness

### 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	150 (2.84%)	+177	429 (2.65%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	2	+2	0
Pneumonia- & Influenza-Related Deaths	12 (4.41%)	-3	36 (4.26%)

\*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
10/16/2022	22	704	3.61%
10/17/2022	24	803	1.50%
10/18/2022	27	779	2.50%
10/19/2022	22	793	1.77%
10/20/2022	21	756	2.87%
10/21/2022	18	718	2.09%
10/22/2022	16	726	2.93%
<b>Total</b>	<b>150</b>	<b>5,279</b>	<b>2.84%</b>



The proportion of Emergency Room visits for influenza-like illnesses is above the *very high* threshold and lower than the 5-years average. This week 49% of visits were among males. Regarding race and ethnicity, 43% of visits were Black or African American individuals; 20% were among White individuals; and 37% of visits were among other racial groups. A little over a quarter (28%) of visits were among Hispanic or Latin individuals. The median age this week is four years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 10/25/2022.

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
10/16/2022	0	0.4
10/17/2022	0	0.4
10/18/2022	0	0.4
10/19/2022	1	0.4
10/20/2022	1	0.4
10/21/2022	0	0.4
10/22/2022	0	0.4
<b>Total</b>	<b>2</b>	0.4

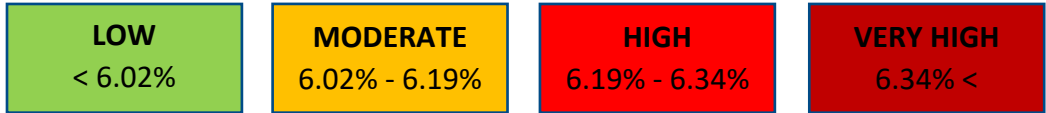
There were two influenza-associated hospitalization (IAH) this reporting week. This is a low number of weekly influenza-associated hospitalizations; however, this may be an early indication of a rise in flu activity that may take place in 4-6 weeks. There have been three influenza-associated hospitalizations since the end of the previous flu season. However, on average over the past 5 years the number of IAH during the first 6 weeks of flu season have remained below 10 each week.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 10/25/2022. 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 16 <sup>th</sup> – October 22 <sup>nd</sup> , 2022			
Age	Pneumonia Deaths	Influenza Deaths	Total Deaths
Unknown	0	0	0
Under 1 year	0	0	2
1-14 years	1	0	1
15-24 years	0	0	2
25-44 years	0	0	18
45-64 years	3	0	44
65-74 years	4	0	64
75 years and older	4	0	141
<b>Total</b>	<b>12</b>	<b>0</b>	<b>272 (4.41%)</b>



There have been 12 deaths this season due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is under the *low* threshold this week. 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 10/25/2021. 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.