

## Week 45 Highlights

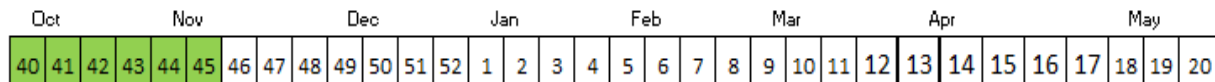
*The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.*

- This week, flu activity is classified as “Low”
- 3.33% of the 270 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 2 confirmed cases of influenza-associated hospitalization reported this week.
- 1.50% of emergency department visits were for flu-like illness

Flu Intensity: Low



### Seasonal Flu Intensity



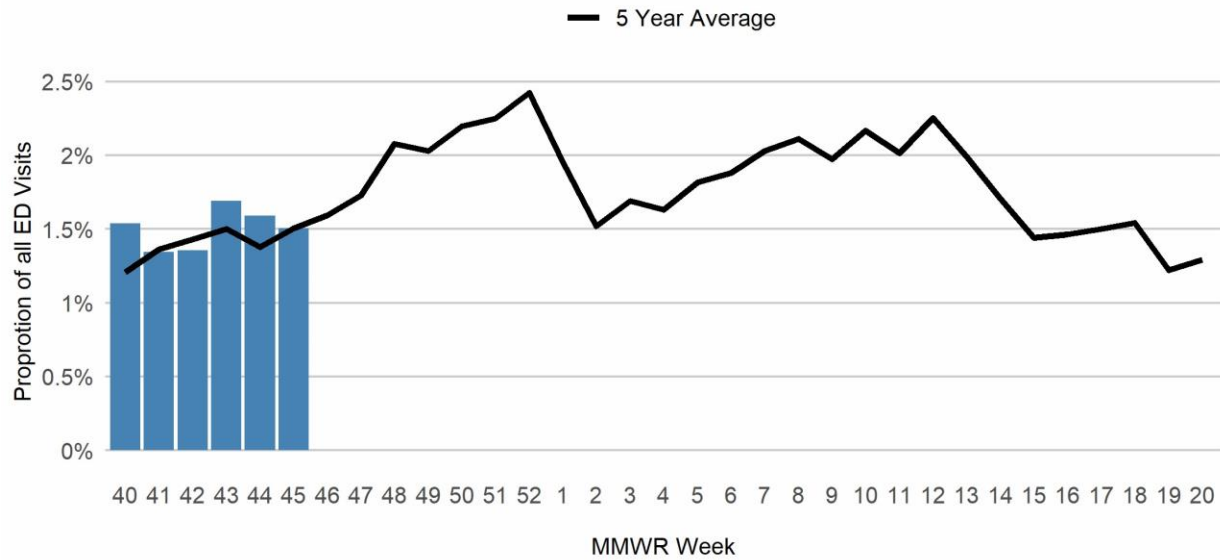
COVID-19 & Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	62 (1.50%)	-0.09%	364 (1.50%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	2	-	2
Confirmed COVID-19 Hospitalizations	4	0	38
Pneumonia- & Influenza-Related Deaths	9 (3.33%)	-3.70%	70 (3.98%)

\*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

**Influenza ED Visits 2023-2024 by Week**



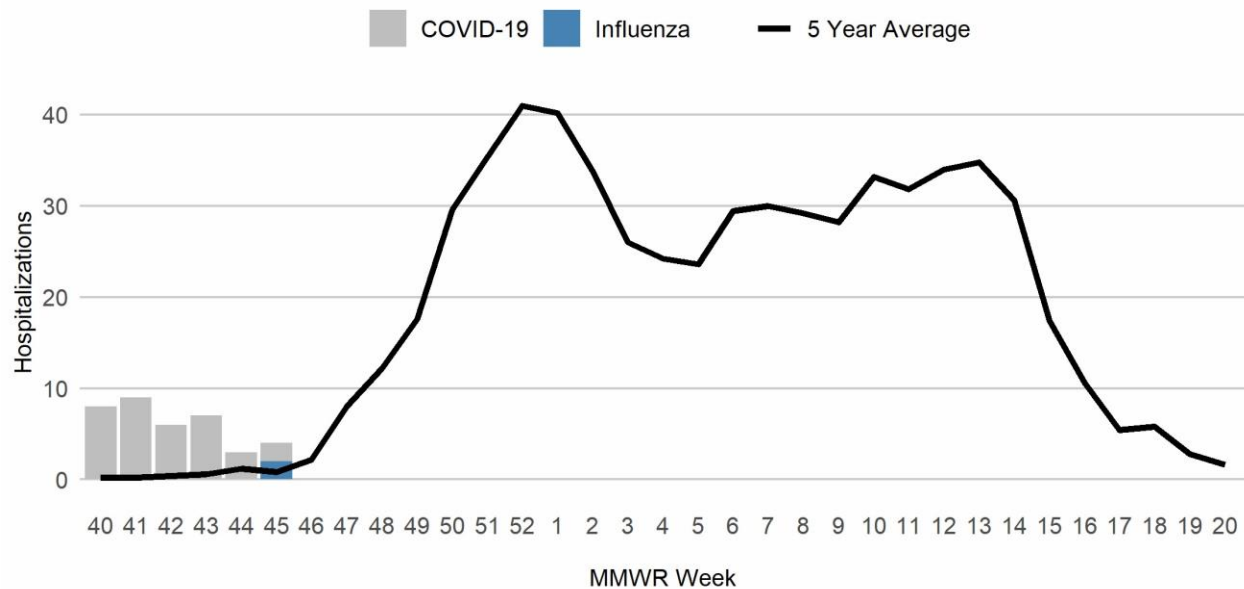
<b>LOW</b> < 1.88%	<b>MODERATE</b> 1.88% - 1.94%	<b>HIGH</b> 1.94% - 1.99%	<b>VERY HIGH</b> 1.99% <
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The proportion of Emergency Room visits for influenza-like illnesses is under the low threshold and lower than the 5-years average. This week, an equal number of visits were among both males and females. Regarding race and ethnicity, 40% of visits were Black or African American individuals; 23% were among White individuals; and 37% of visits were among other racial groups. A little over a third (34%) 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 11/15/2023.  
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 or COVID-19-Associated Hospitalizations

### Influenza and COVID-19 Hospitalizations 2023-2024 by Week

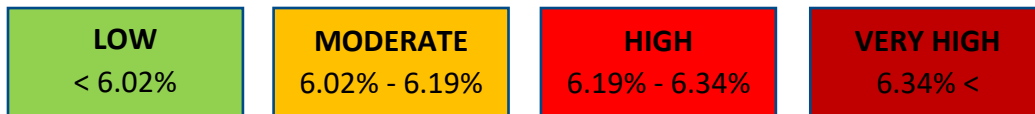
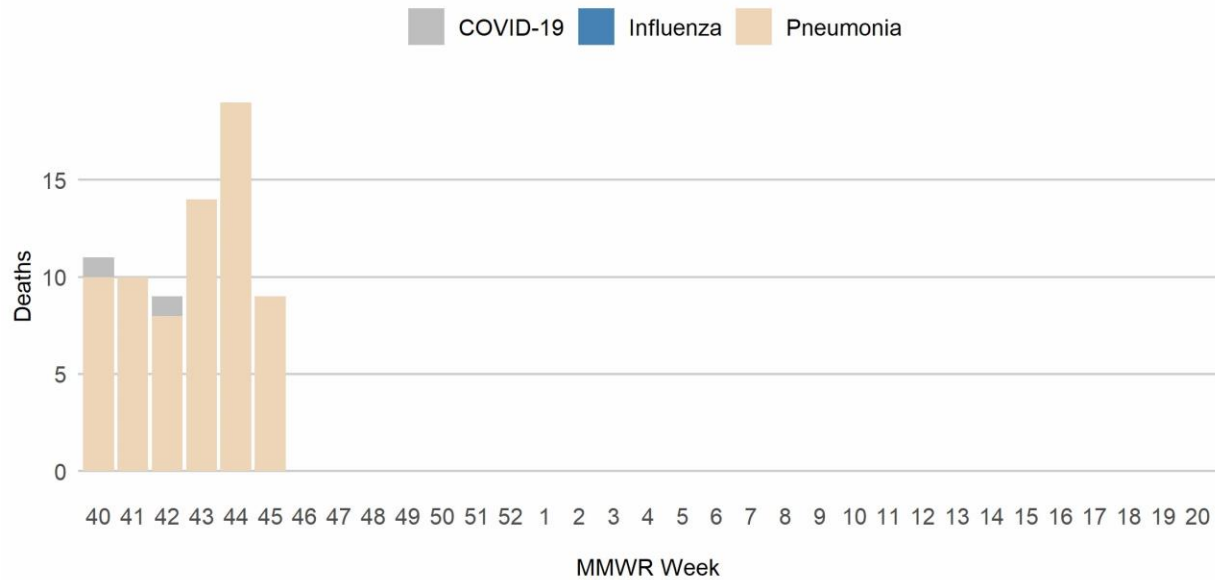


There were 2 Influenza-Associated Hospitalizations (IAH) this reporting week among individuals aged 45 years and older. Since the end of the 2022-2023 flu season there has been three influenza-associated hospitalizations; the last of which was during the last week of September. All three of these hospitalizations have been among Cleveland residents under 65 years of age. COVID-19 has accounted for more hospitalizations so far this fall. COVID-19 hospitalizations have decreased starting from the second week of October, and there were four during the reporting week; most of which were among Cleveland residents over 54 years of age.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 11/15/2023. 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\***

**Influenza, COVID-19, and Pneumonia Deaths 2023-2024 by Week**



There have been 9 deaths this reporting week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is under *low* threshold this week. This week, the data shows there was not an influenza or COVID-19-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 11/15/2023. 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.