

## Week 4 Highlights

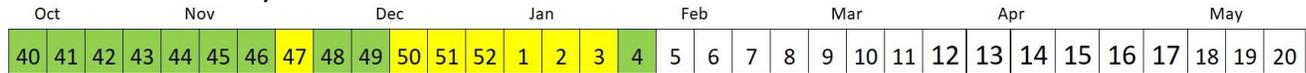
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is classified as “low”
- 7.45% of the deaths reported were due to pneumonia. There were three deaths was reported this week, which brings the season total to five influenza deaths this season.
- There were four confirmed cases of influenza-associated hospitalization reported this week. There have been 205 influenza-associated hospitalizations so far this season.
- 1.72% of emergency department visits were for flu-like illness

Flu Intensity: Low



### Seasonal Flu Intensity



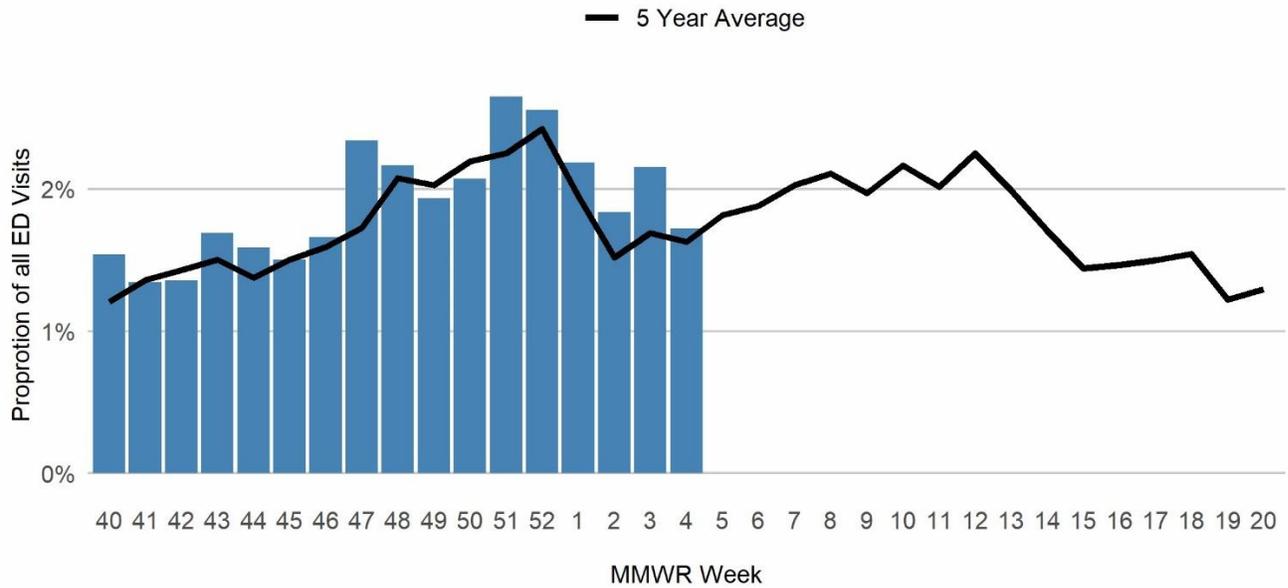
COVID-19 & Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	68 (1.72%)	-0.43%	1,303 (1.90%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	4	-6	205
Confirmed COVID-19 Hospitalizations	7	+4	152
Pneumonia- & Influenza-Related Deaths	24 (7.45%)	+0.81%	248 (5.14%)

\*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**



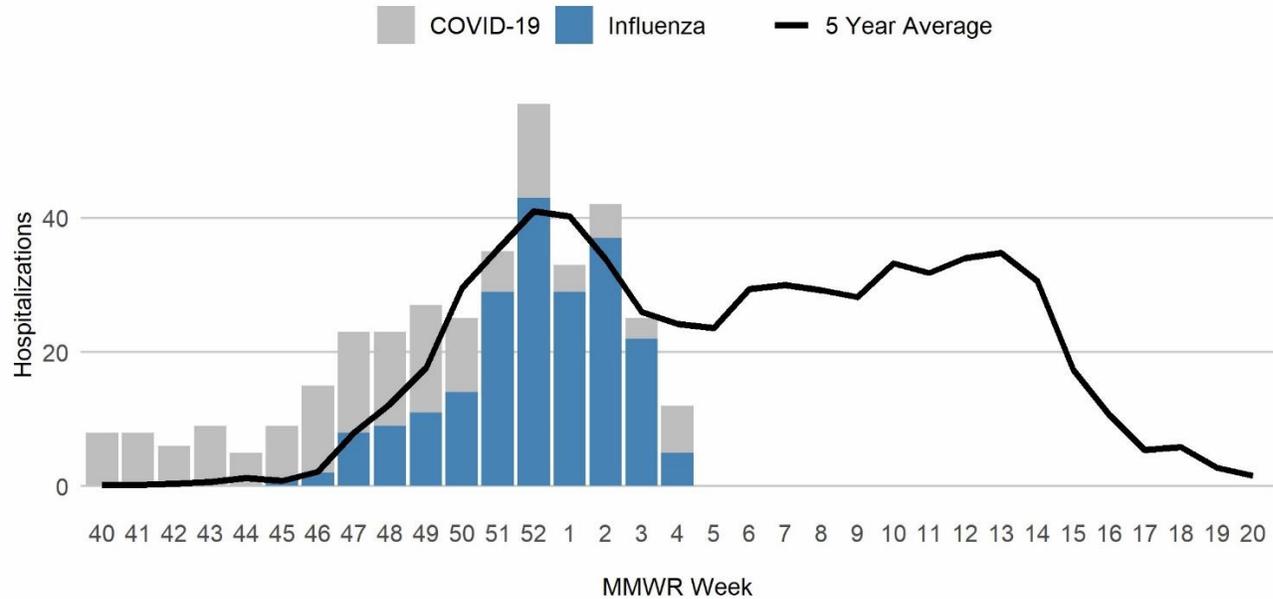
<b>LOW</b> < 1.88%	<b>MODERATE</b> 1.88% - 1.94%	<b>HIGH</b> 1.94% - 1.99%	<b>VERY HIGH</b> 1.99% <
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The proportion of Emergency Room visits for influenza-like illnesses is above the very high threshold and higher than the 5-years average. This week, 44% of the visits were among males. Regarding race and ethnicity, 35% of visits were Black or African American individuals; 22% were among White individuals; and 44% of visits were among other racial groups. Roughly, a quarter (26%) of visits were among Hispanic or Latin individuals. The median age this week is 6 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 2/1/2024.  
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



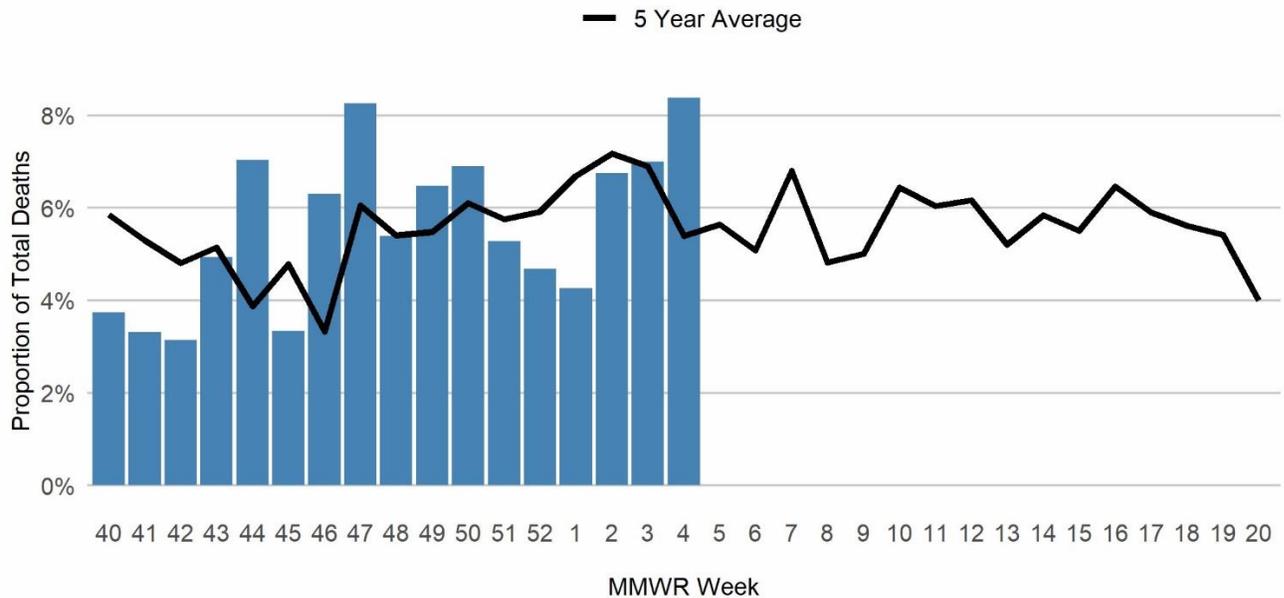
There have been four influenza-associated Hospitalizations (IAH) reported this week among individuals aged 7 to 74 years. This marks decrease from the previous week and lower than expected at this point in the year based on the 5-year average. This brings the total influenza-associated hospitalizations for the season to 205. Influenza has accounted for more hospitalizations than COVID-19 this fall. COVID-19 hospitalizations remained consistent, with seven reported during the current week. Nearly half of the influenza hospitalizations were among residents 60 years of age and older.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 2/1/2024. 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**



<b>LOW</b> < 6.02%	<b>MODERATE</b> 6.02% - 6.19%	<b>HIGH</b> 6.19% - 6.34%	<b>VERY HIGH</b> 6.34% <
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There have been 24 deaths this reporting week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is above the high threshold this week. This week, the data shows there were three influenza-associated deaths, which brings the season total to five. In comparison, there have been 10 COVID-19 associated deaths thus far in the same period. The majority P&I deaths that occurred this week were among individuals aged 45 years and older.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 2/1/2024. 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.