

Week 1 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 “moderate”
- 4.26% of the deaths reported were due to pneumonia. No influenza deaths were reported this week, and there has been one influenza death so far this season.
- There were 25 confirmed cases of influenza-associated hospitalization reported this week. There have been 143 influenza-associated hospitalizations so far this season.
- 2.19% of emergency department visits were for flu-like illness

Flu Intensity: Moderate



Seasonal Flu Intensity



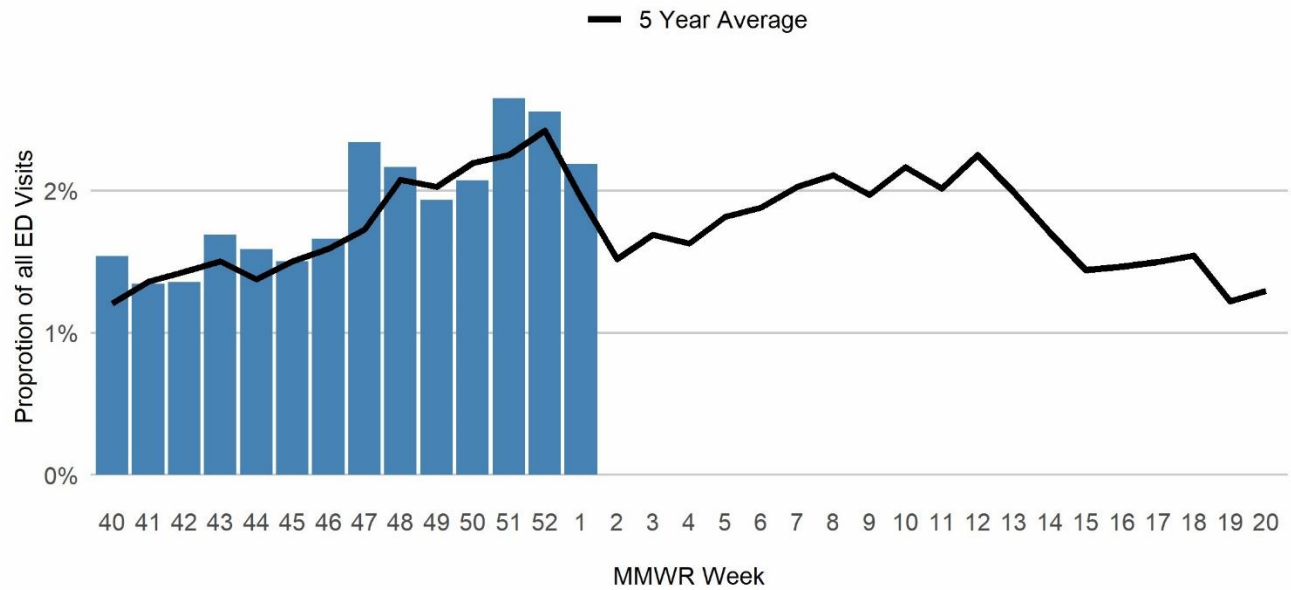
COVID-19 & Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	92 (2.19%)	-0.37%	1,081 (1.90%)
Confirmed Influenza Hospitalizations [‡]	25	-18	143
Confirmed COVID-19 Hospitalizations	4	-10	137
Pneumonia- & Influenza-Related Deaths	13 (4.26%)	-0.43%	203(4.92%)

*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



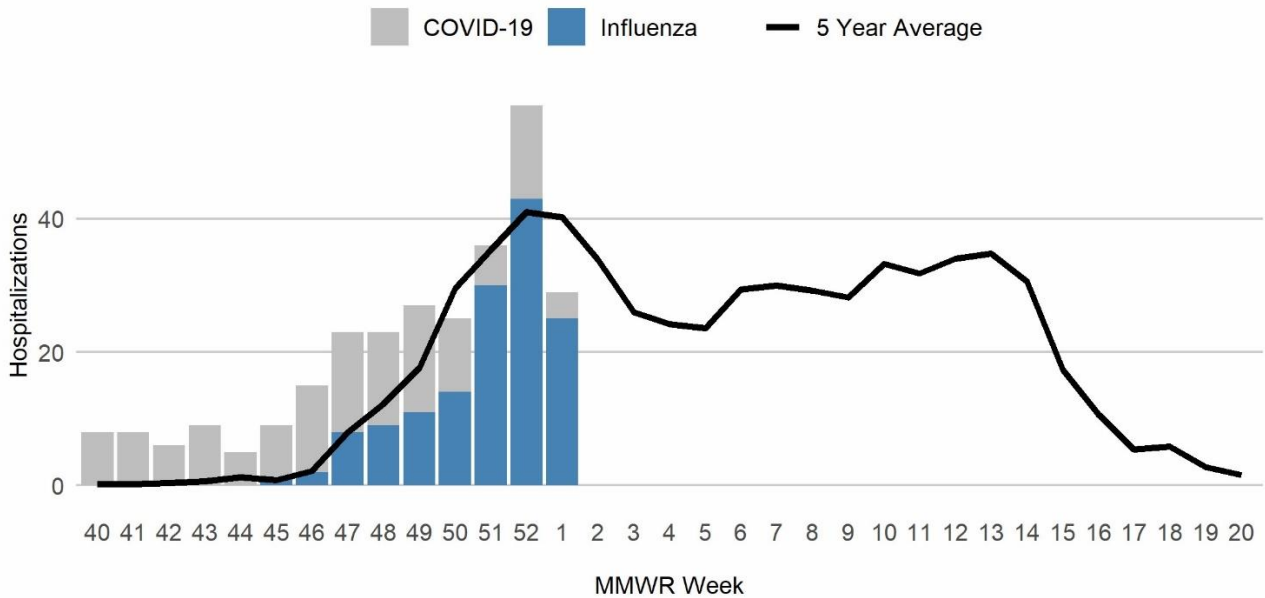
LOW < 1.88%	MODERATE 1.88% - 1.94%	HIGH 1.94% - 1.99%	VERY HIGH 1.99% <
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The proportion of Emergency Room visits for influenza-like illnesses is above the very high threshold and higher than the 5-years average. This week, 44% of the visits were among males. Regarding race and ethnicity, 32% of visits were Black or African American individuals; 24% were among White individuals; and 45% of visits were among other racial groups. One-third (32%) of visits were among Hispanic or Latin individuals. The median age this week is 5 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 1/11/2024.
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



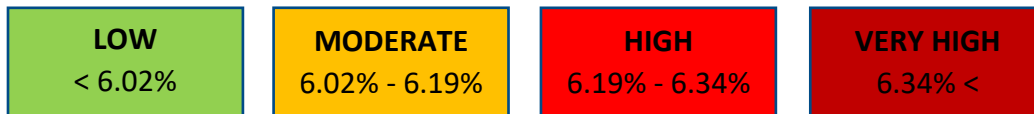
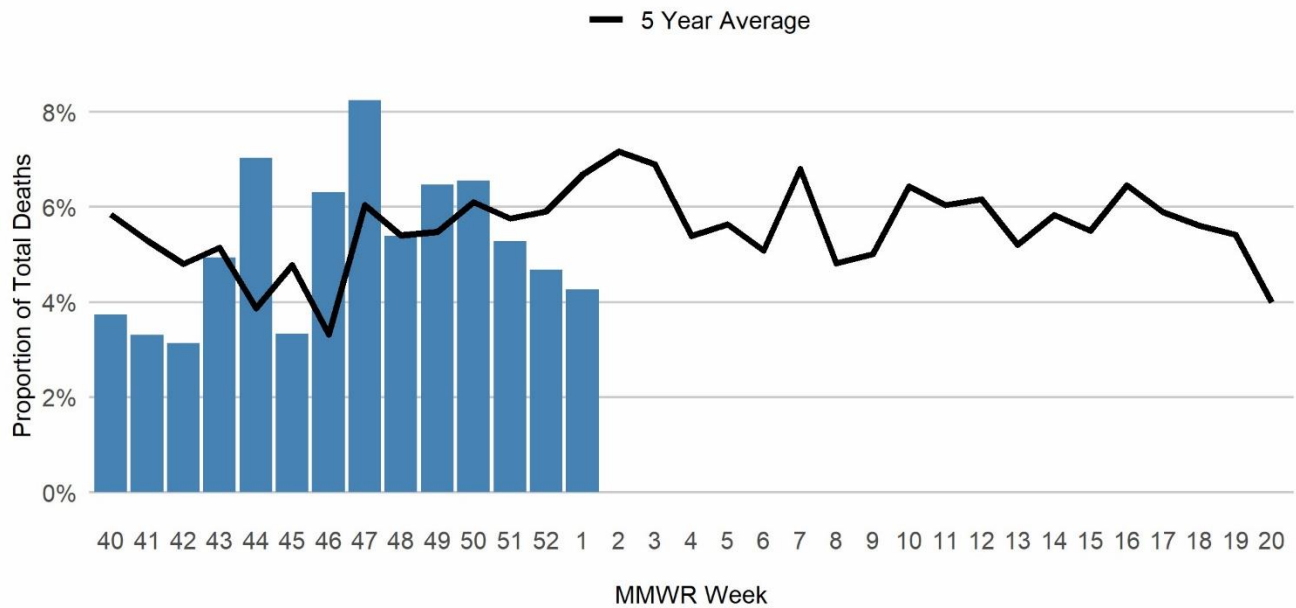
There have been 25 Influenza-Associated Hospitalizations (IAH) reported this week among individuals aged 1 to 89 years. This marks slight increase from the previous week, bringing the total influenza-associated hospitalizations for the season to 143. Influenza now has accounted for more hospitalizations than COVID-19 this fall. COVID-19 hospitalizations remained consistent, with four reported during the current week. Nearly half (44%) 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 1/11/2024. 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



There have been 13 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 was not an influenza or COVID-19-related death, however, there have been five COVID-19-related deaths and one influenza death since the beginning of October. 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 1/11/2024. 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.