



Week 18 Highlights

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

- This week, flu activity is classified as “Low”
- 1.04% of emergency department visits were for flu-like illness
- There was not a confirmed case of influenza-associated hospitalization reported this week. There have been 678 influenza associated hospitalizations so far this season
- 4.41% of deaths reported were due to pneumonia. No influenza deaths was reported this week and there has been 20 influenza deaths so far this season

Flu Intensity: Moderate

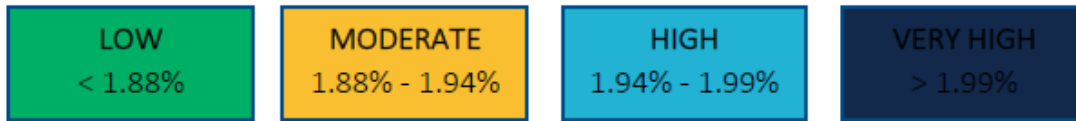
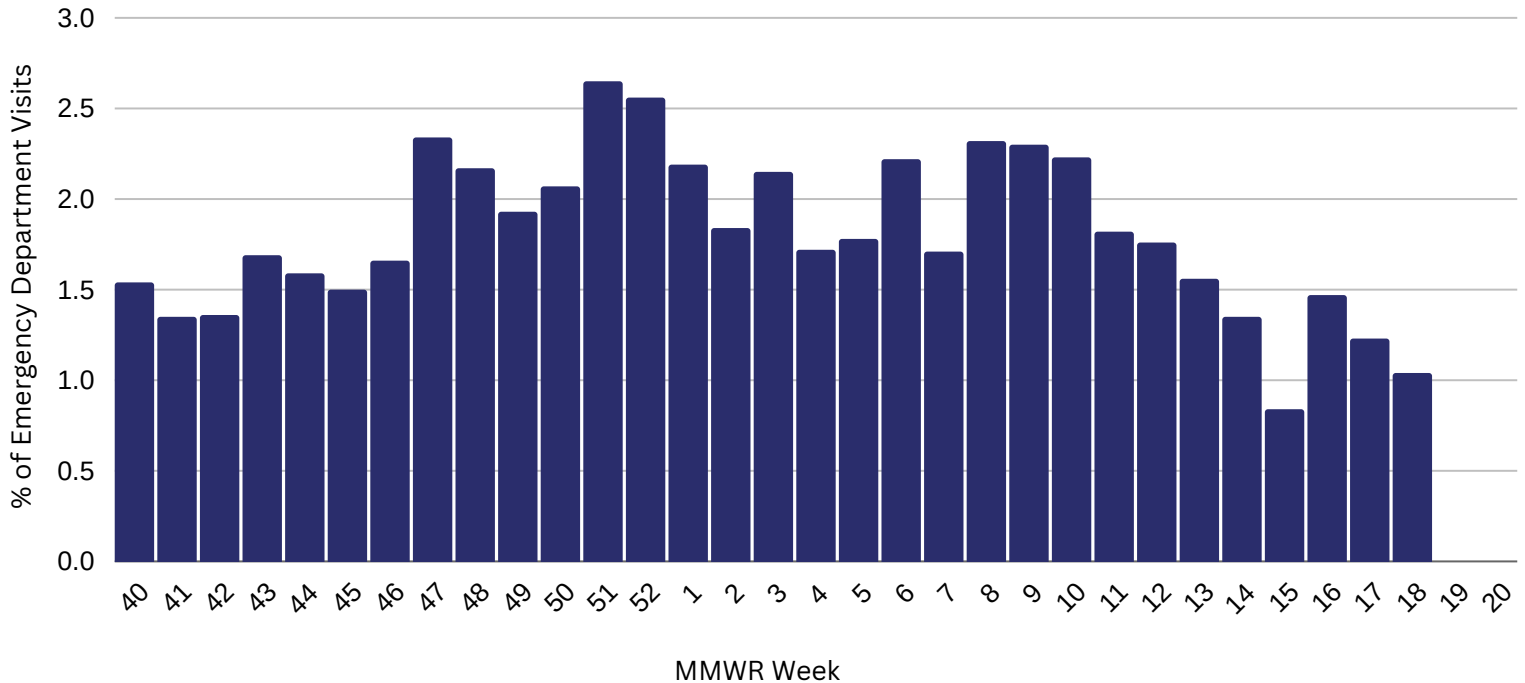
Influenza & COVID-19 Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-like Illnesses	43 (1.04%)	-0.19%	2,262 (1.81%)
Confirmed Influenza Hospitalizations	0	-3	678
Confirmed COVID-19 Hospitalizations	4	-	213
Pneumonia- & Influenza-related Deaths	13 (4.41%)	-1.22%	488 (5.23%)

**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 (ILI)

Percentage of Emergency Department visits for ILI by Week, 2023-2024



The proportion of Emergency Room visits for influenza-like illnesses is under the low threshold and comparable to the 5-years average. This week, 51% of the visits were among females. Regarding race and ethnicity, 33% of visits were Black or African American individuals; 30% were among White individuals; and 37% of visits were among other racial groups. A little over a quarter (30%) of visits were among Hispanic or Latin individuals. The median age this week is 4 years.

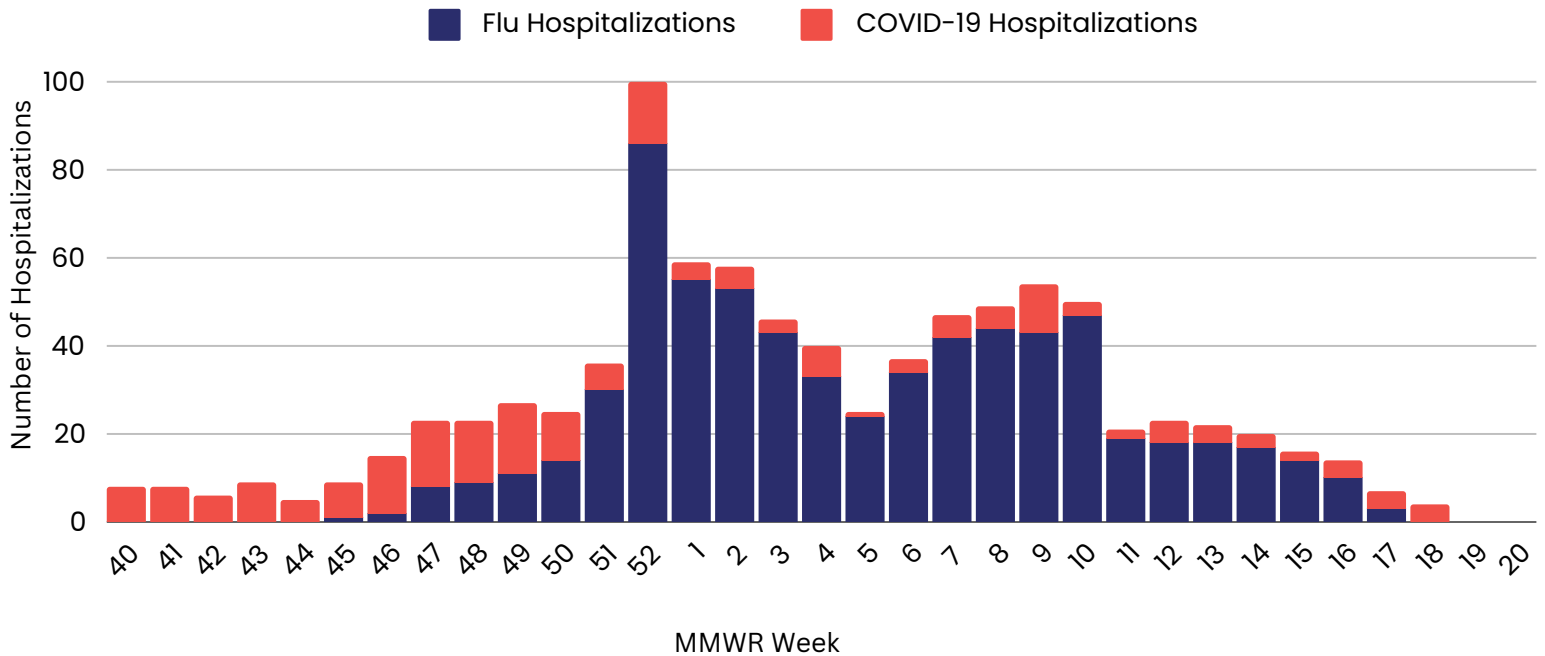
**Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 5/24/2024.*

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 and COVID-19 Hospitalizations

Number of Flu and COVID-19 Hospitalizations by Week, 2023-2024



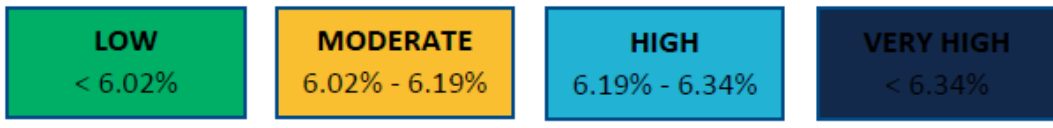
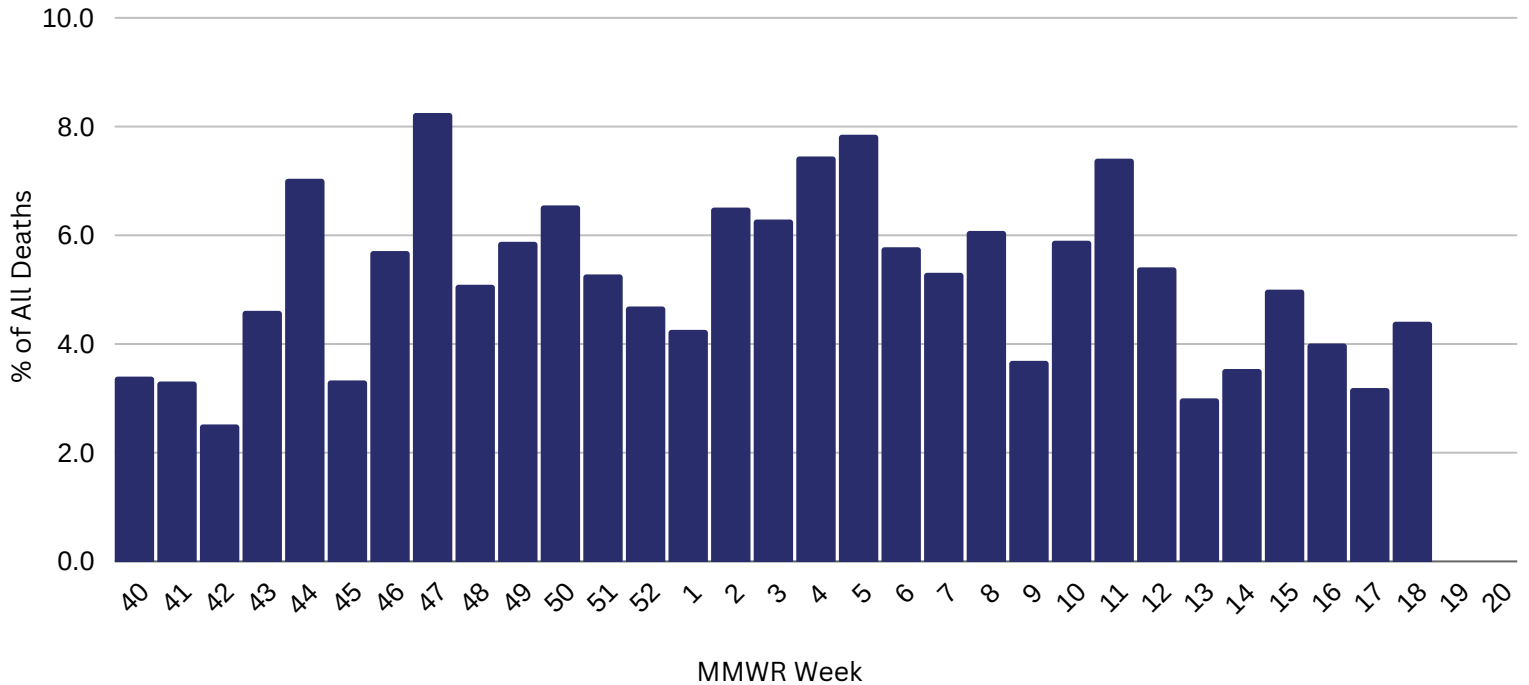
There was not an influenza-associated hospitalization (IAH) reported this week. This is comparable to the number of hospitalizations than expected at this point in the year based on the 5-year average. This brings the total influenza-associated hospitalizations for the season to 678. Influenza has accounted for more hospitalizations than COVID-19 this fall. The number of COVID-19 hospitalizations has held steady from the previous week, with four hospitalization reported during this reporting week.

**Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 5/24/2024. 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*

Percentage of Deaths due to Pneumonia or Influenza by Week, 2023-2024



There have been 13 deaths this reporting week due to pneumonia or influenza related illnesses (P&I). The proportion of P&I deaths is below the low threshold this week. This week, the data shows there was not an influenza-associated death, keeping the total for the season total at 20. Also, there have been 13 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 5/24/2024. 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.