



Week 52 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 “High”
- 2.56% of emergency department visits were for flu-like illness
- There were 86 confirmed cases of influenza-associated hospitalizations reported this week. There have been 161 influenza associated hospitalizations so far this season
- 4.69% of deaths reported were due to pneumonia. One influenza deaths was reported this week and there has been one influenza death so far this season

Flu Intensity: Very High

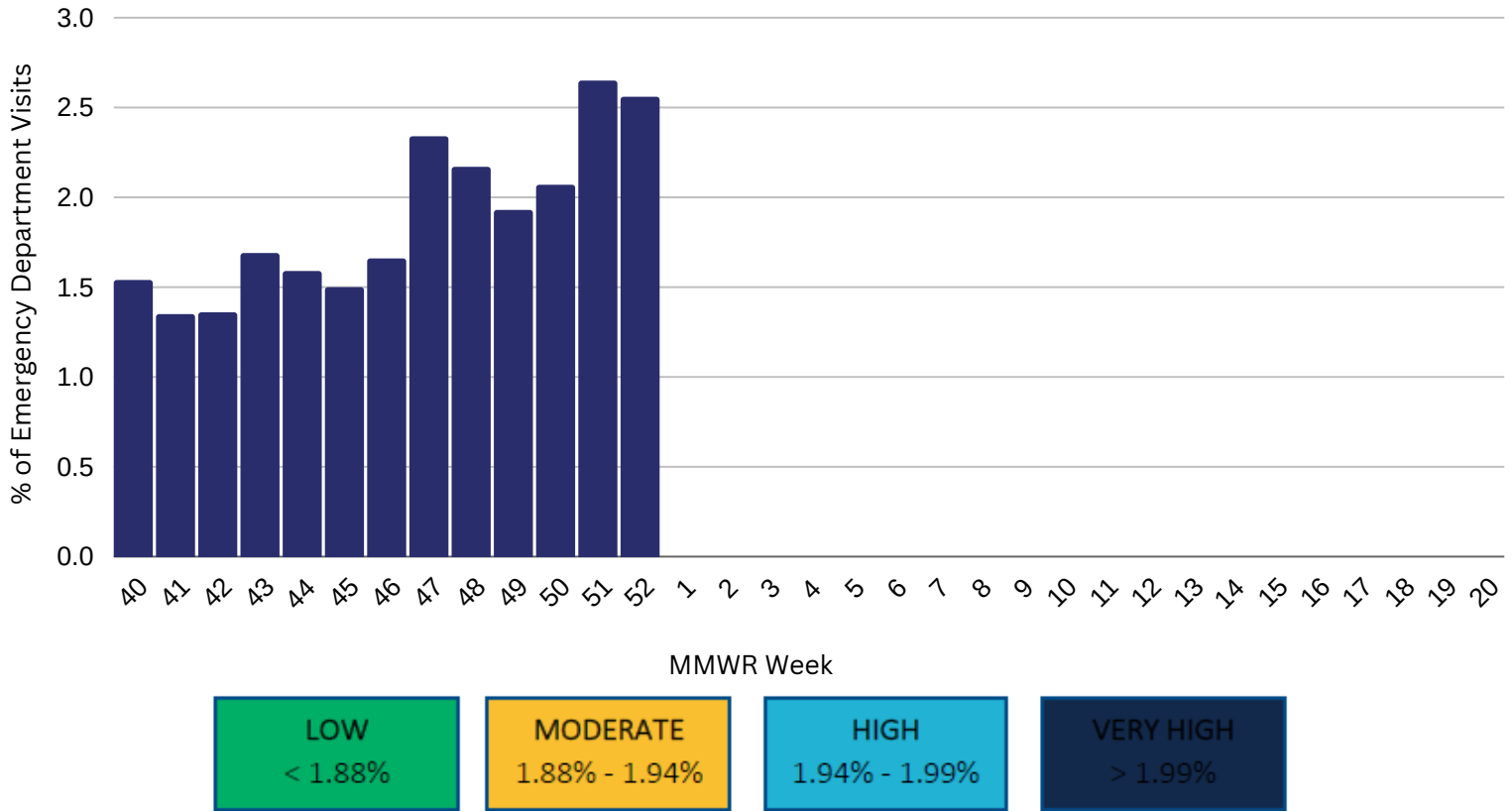
Influenza & COVID-19 Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-like Illnesses	109 (2.56%)	-0.09%	989 (1.88%)
Confirmed Influenza Hospitalizations	86	+56	161
Confirmed COVID-19 Hospitalizations	14	+8	133
Pneumonia- & Influenza-related Deaths	12 (4.69%)	-0.59%	190 (5.05%)

**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



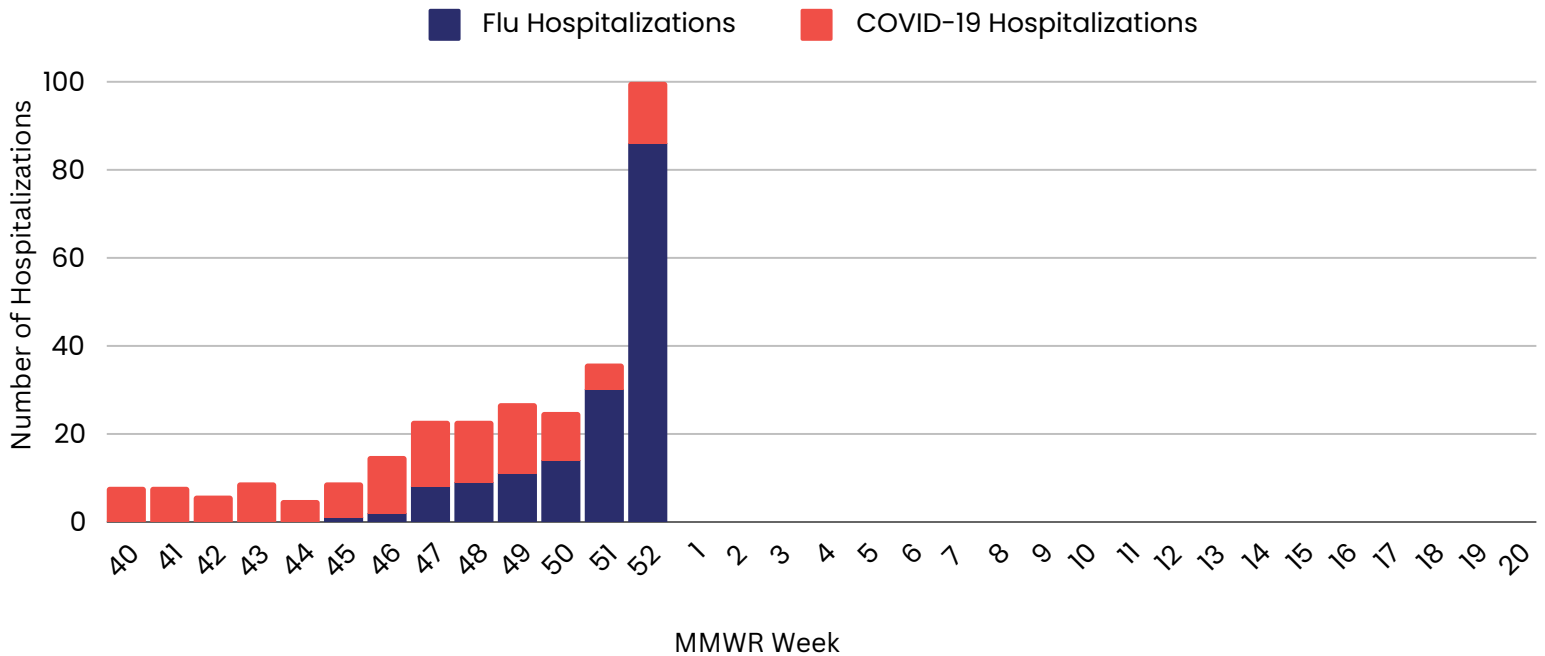
The proportion of Emergency Room visits for influenza-like illnesses is above the very high threshold and comparable to the 5-years average. This week, 44% of the visits were among males. Regarding race and ethnicity, 40% of visits were Black or African American individuals; 28% were among White individuals; and 32% of visits were among other racial groups. A quarter of visits were among Hispanic or Latin individuals. The median age this week is 8 years.

**Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 5/21/2024. 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



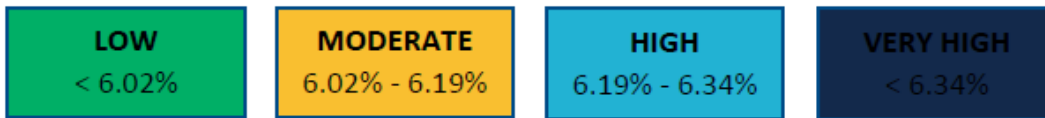
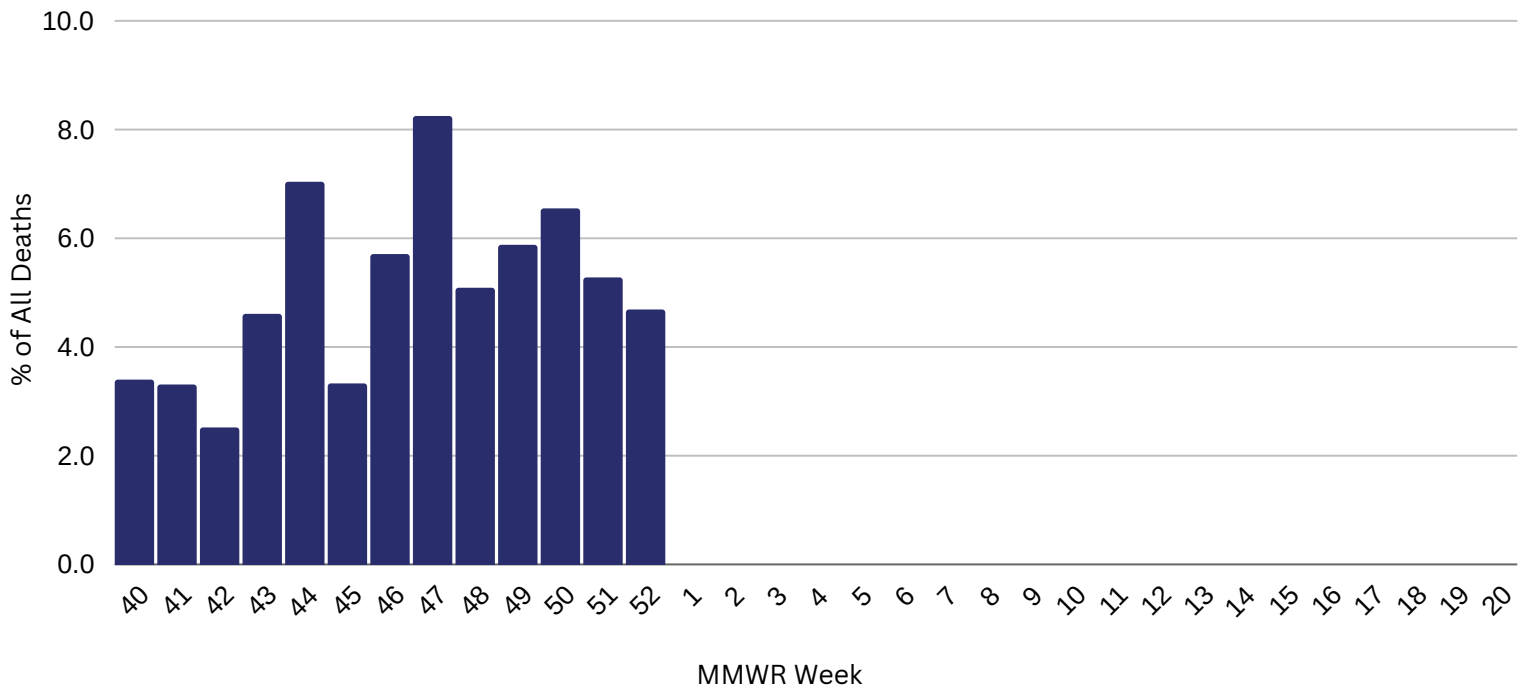
There have been 86 influenza-associated Hospitalizations (IAH) reported this week among individuals aged 4 weeks to 89 years. 75% of these hospitalizations were among residents above the age of 40. This is over two-time the number of hospitalizations than expected at this point in the year based on the 5-year average. This brings the total influenza-associated hospitalizations for the season to 161. Influenza has accounted for more hospitalizations than COVID-19 this fall. The number of COVID-19 hospitalizations has increase from the previous week, with 14 hospitalizations reported during this reporting week.

**Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 5/21/2024. 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 12 deaths this reporting week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is in the low threshold this week. This week, the data shows there were no influenza-associated deaths, which keeps the season total at two. Also, there have been 11 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 5/21/2024. 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.