

Week 46 Highlights

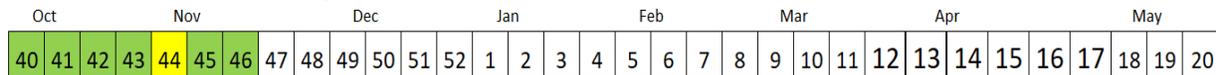
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is “low”
- 5.45% of the deaths reported were due to pneumonia. One influenza death was reported this week, which was the second influenza death this season.
- There were 22 confirmed cases of influenza-associated hospitalization were reported this week. 43 hospitalizations due to the flu were reported this season
- 3.76% of emergency department visits were for flu-like illness

Flu Intensity



Seasonal Flu Intensity

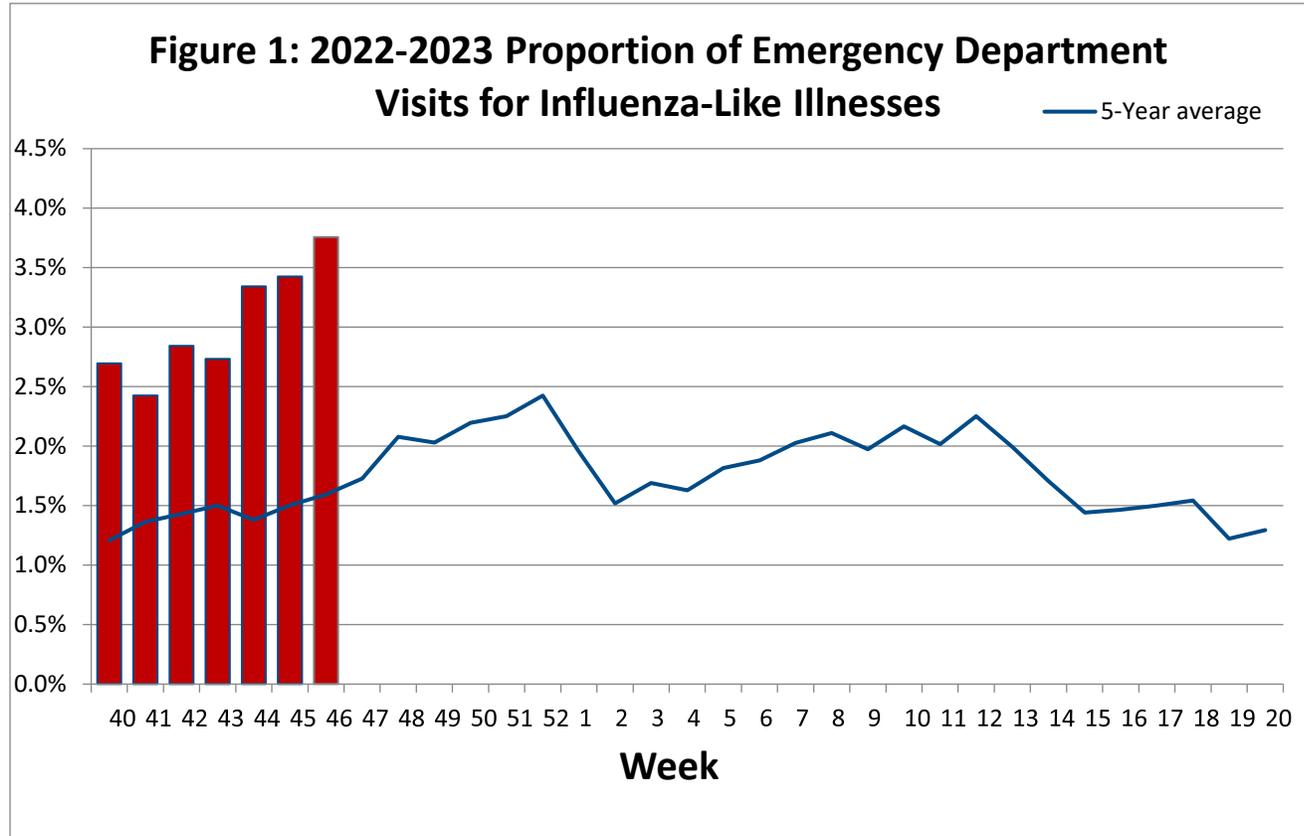


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	202 (3.76%)	+0.33%	1,164 (3.03%)
Confirmed Influenza Hospitalizations [‡]	22	+12	43
Pneumonia- & Influenza-Related Deaths	17 (5.45%)	+1	101(4.88%)

*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



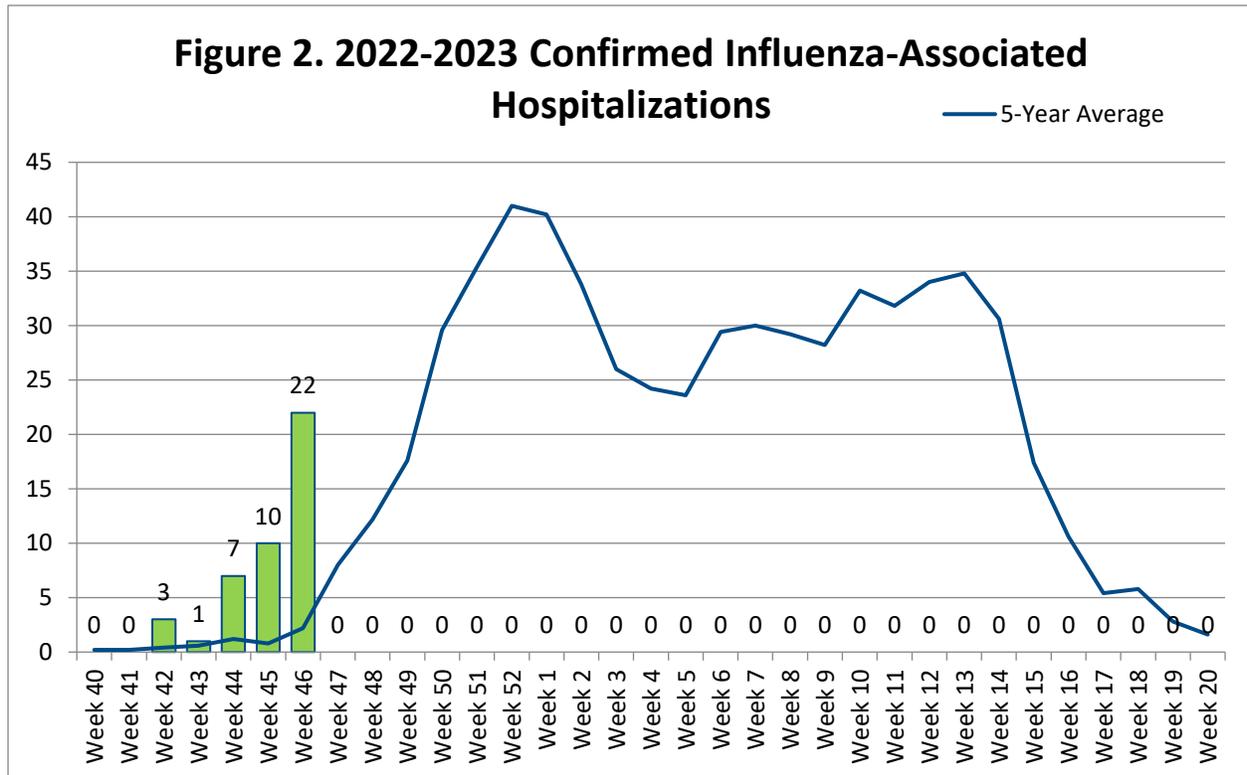
The proportion of Emergency Room visits this week for influenza-like illnesses is over the *very high* threshold and higher than the 5-year average. This week 53% of visits were among males. Regarding race and ethnicity, 39% of visits were Black or African American individuals; 19% were among White individuals; and 42% of visits were among other racial groups. 24% 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 11/23/2022.

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-associated Hospitalizations

Figure 2. 2022-2023 Confirmed Influenza-Associated Hospitalizations

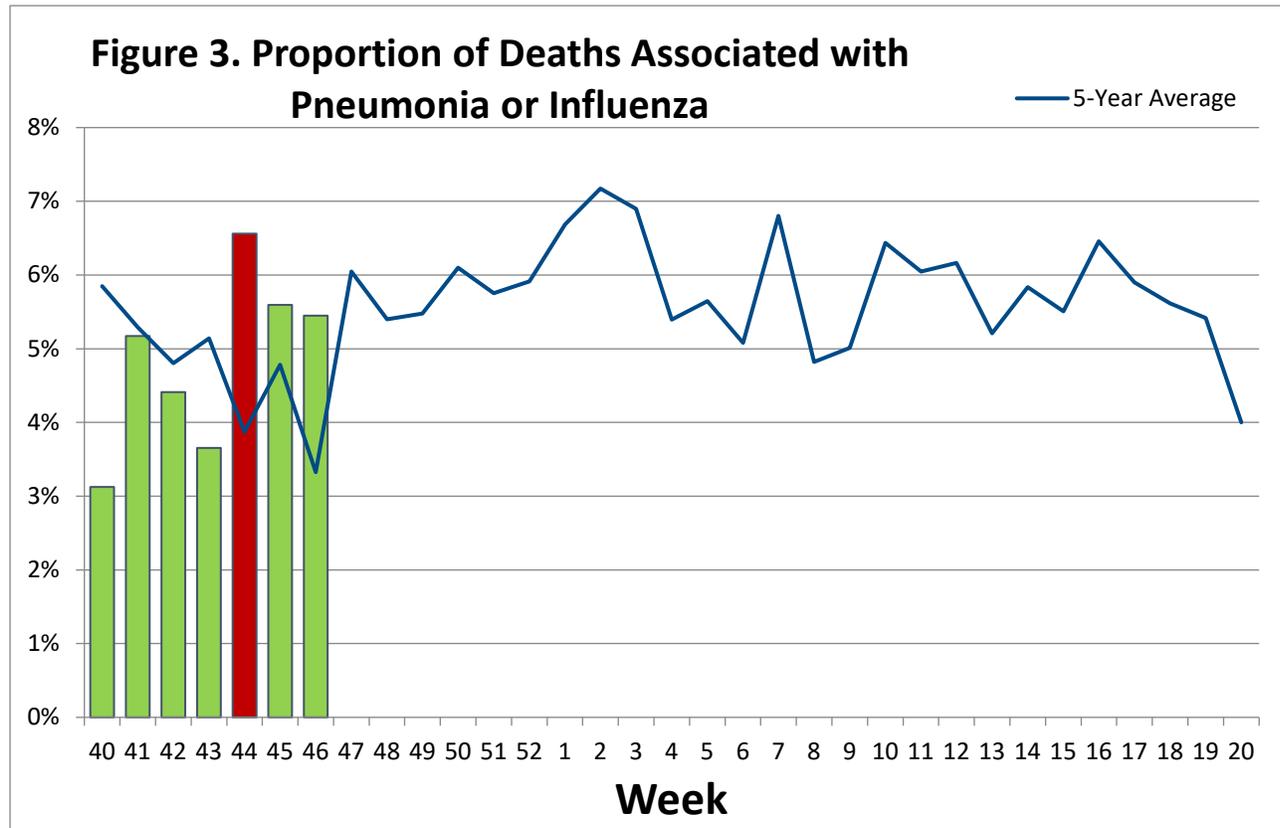


There were 22t influenza-associated hospitalization (IAH) this reporting week. The number of weekly influenza-associated hospitalizations doubled and is 10x higher than what is expected at this point in the flu season. On average over the past 5 years, the number of IAH during the first 6 weeks of flu season have remained below 10 each week. There have been 43 influenza-associated hospitalizations so far this season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 11/23/2022. 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*



LOW < 6.02%	MODERATE 6.02% - 6.19%	HIGH 6.19% - 6.34%	VERY HIGH 6.34% <
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There have been 17 deaths this season due to pneumonia or influenza-related illnesses (P&I). This week, the data shows there was one influenza specific-related death bringing the season total to two. The proportion of P&I deaths is below the *low* threshold this week. The majority P&I deaths that occurred this season were among individuals aged 45 years and older, however, the influenza-related death this week was among a pediatric patient.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 11/23/2022. 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.