

Week 49 Highlights

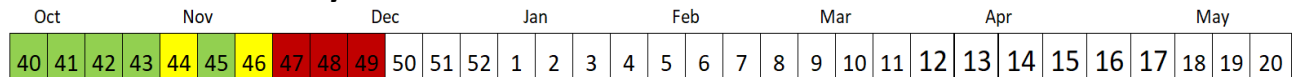
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is “very high”.
- 6.12% of the deaths reported were due to pneumonia. There was not an influenza death reported this week and there have been three influenza deaths so far this season.
- There were 76 confirmed cases of influenza-associated hospitalizations (IAH) were reported this week. 242 hospitalizations due to the influenza were reported so far this season.
- 3.70% of emergency department visits were for flu-like illness.
- Influenza A is the predominant strain. The vaccine is a good match for the circulating strain of Influenza A.

Flu Intensity



Seasonal Flu Intensity

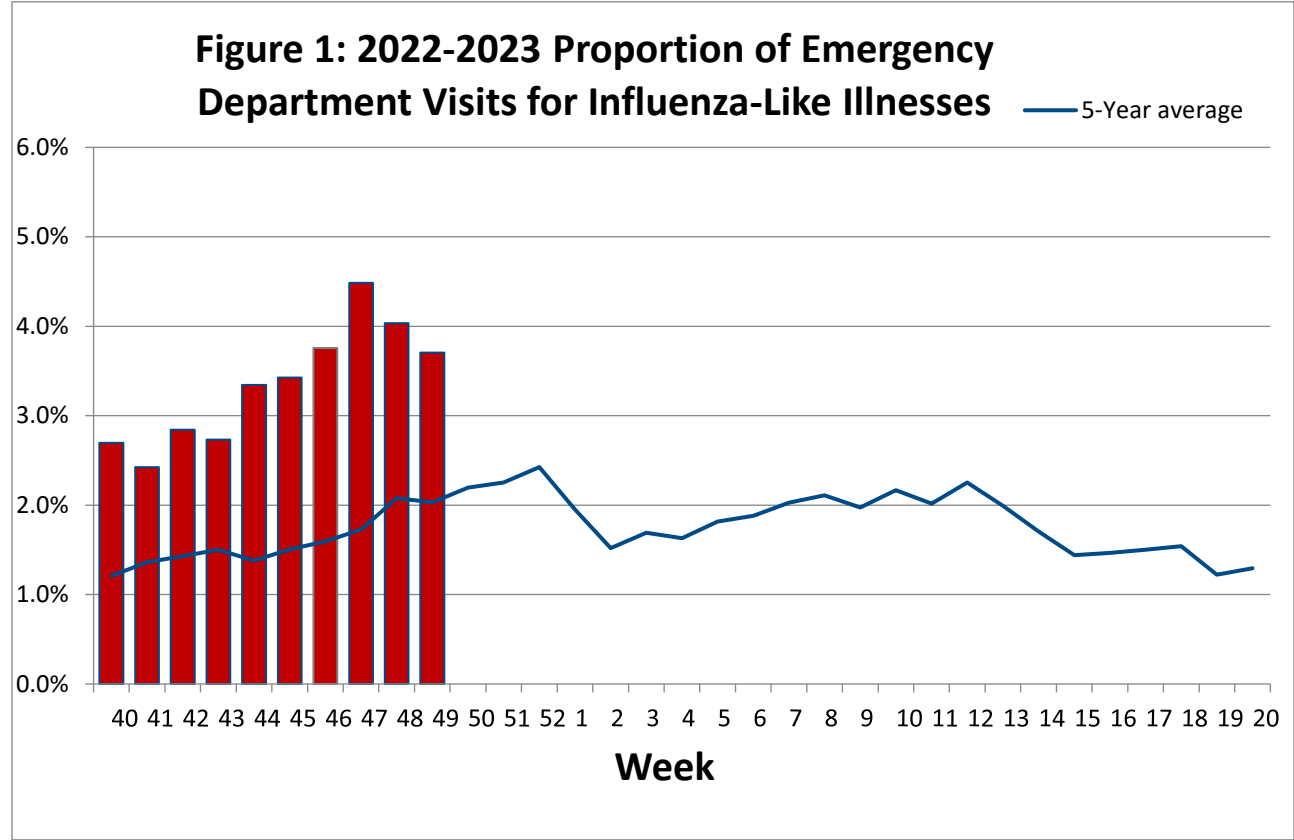


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department Visits for Influenza-Like Illnesses	212 (3.70%)	-0.33%	1,861 (3.35%)
Confirmed Influenza Hospitalizations [‡]	76	+9	242
Pneumonia- & Influenza-Related Deaths	21 (6.12%)	+1.86%	150 (5.04%)

*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



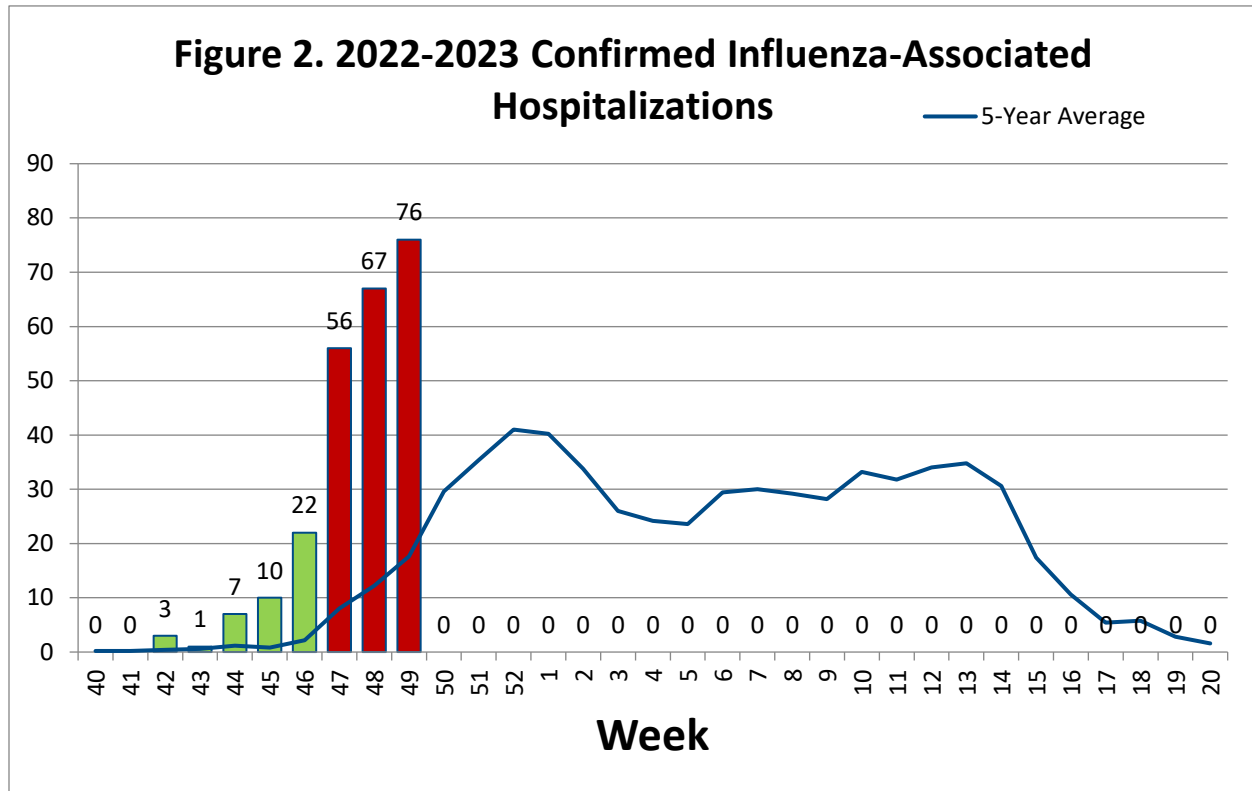
LOW < 1.88%	MODERATE 1.88% - 1.94%	HIGH 1.94% - 1.99%	VERY HIGH 1.99% <
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The proportion of emergency department visits this week for influenza-like illnesses is over the *very high* threshold and higher than the 5-year average. This week 44% of visits were among males. Regarding race and ethnicity, 40% of visits were Black or African American individuals; 24% were among White individuals; and 36% of visits were among other racial groups. 32% of visits were among Hispanic or Latin individuals. The median age this week is 9 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 12/13/2022.
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

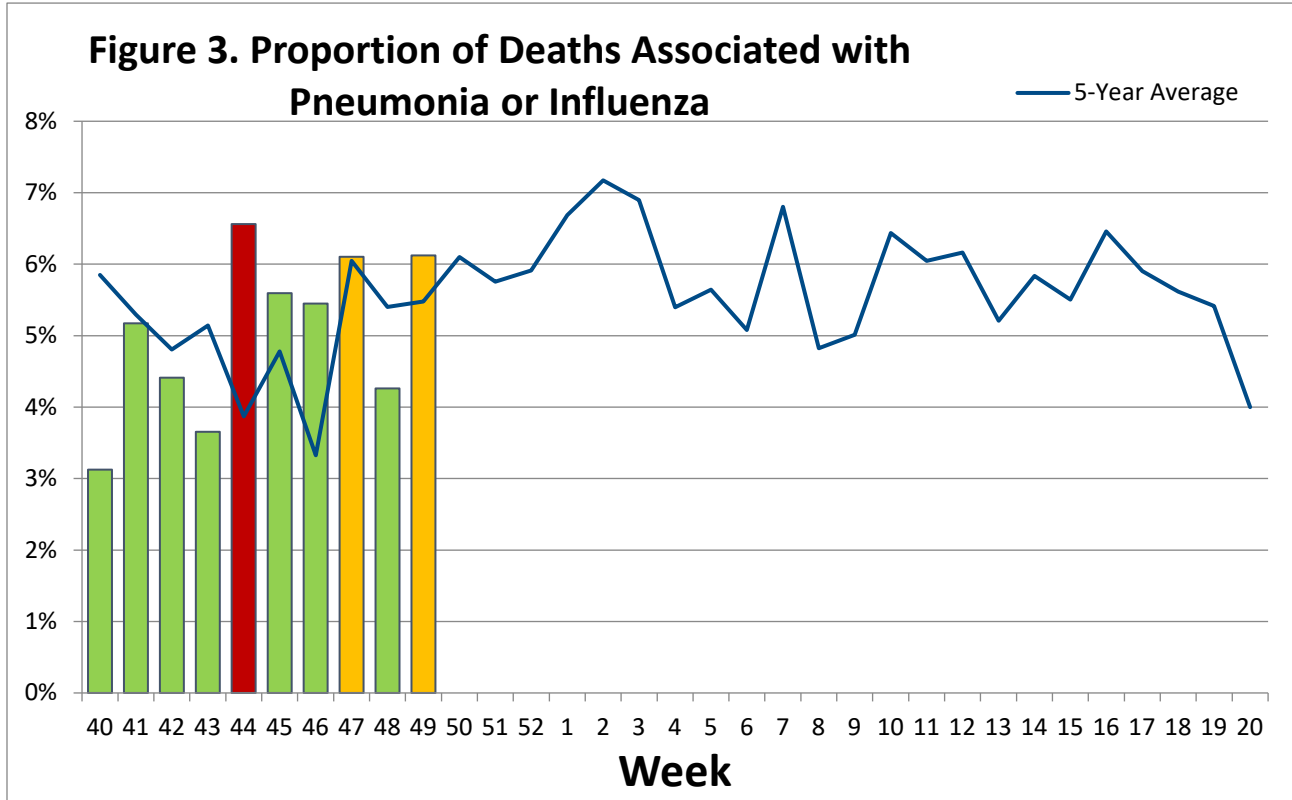


There were 76 influenza-associated hospitalizations (IAH) this reporting week. This is very high number of influenza-associated hospitalizations, which is over nearly 4 times higher than the average number of hospitalizations expected over the last 5 years at this point in the season. Roughly half (49%) of influenza-associated hospitalizations were among Cleveland residents age 60 years and older. There have been 169 influenza-associated hospitalizations so far this season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 12/15/2022. 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 21 deaths this season due to pneumonia or influenza-related illnesses (P&I). This week, the data shows there was not an influenza specific-related death keeping the season total at 3. The proportion of P&I deaths is at the moderate threshold this week. All of the P&I deaths that occurred this season were among individuals aged 45 years and older.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 12/13/2022. 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.