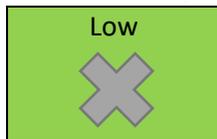


Week 1 Highlights

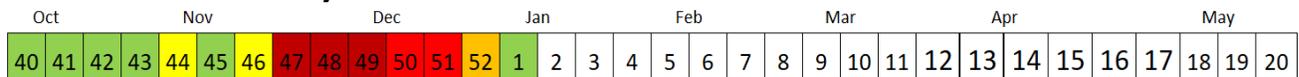
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is “low”.
- 1.63% of emergency department visits were for flu-like illness.
- There were 20 confirmed cases of influenza-associated hospitalizations (IAH) that were reported this week. 434 hospitalizations due to the influenza have occurred so far this season.
- 15.20% of the deaths reported this week were due to pneumonia. There was one influenza death reported this week and nine influenza deaths so far this season.
- Influenza A is the predominant strain. This year’s vaccine is a good match for the circulating strain of Influenza A.

Flu Intensity



Seasonal Flu Intensity

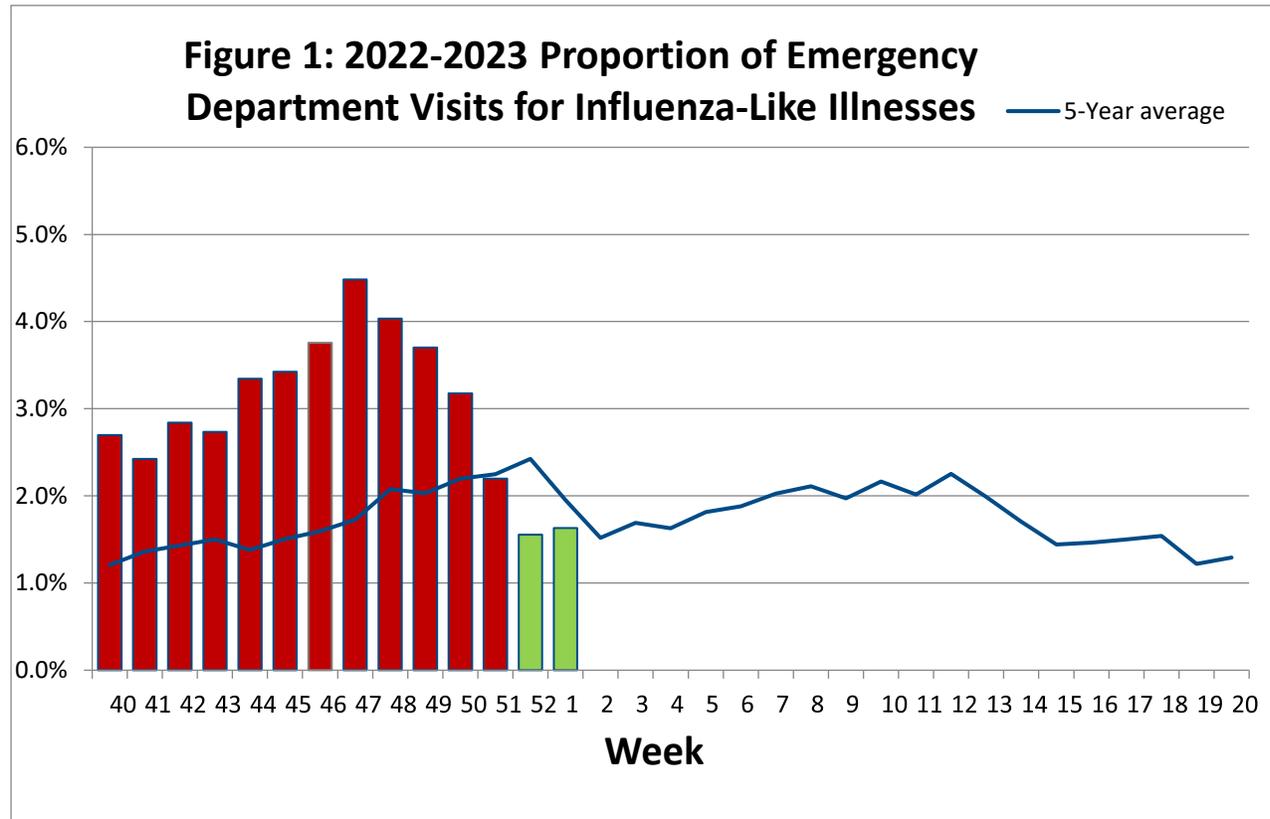


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department Visits for Influenza-Like Illnesses	84 (1.63%)	+0.07%	2,286 (3.04%)
Confirmed Influenza Hospitalizations [‡]	20	-20	434
Pneumonia- & Influenza-Related Deaths	15 (15.20%)	+4	219 (5.46%)

*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



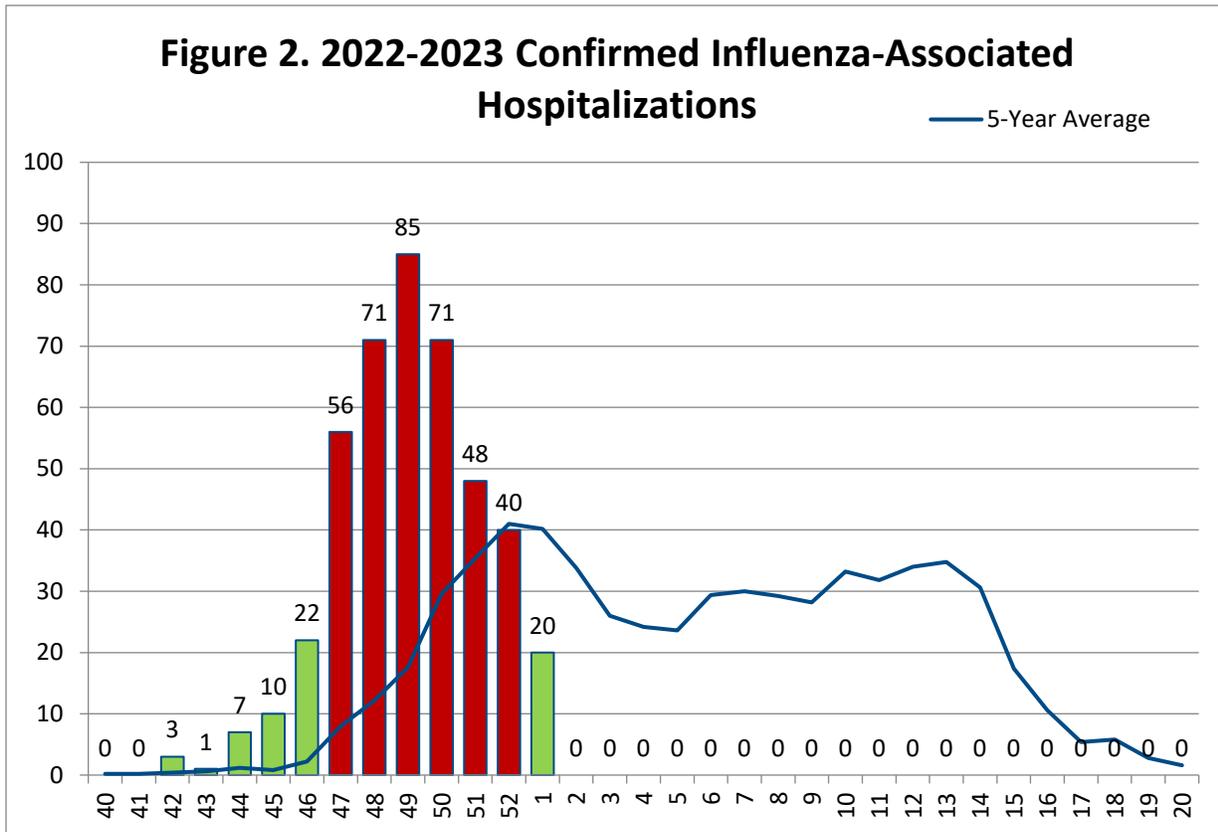
LOW < 1.88%	MODERATE 1.88% - 1.94%	HIGH 1.94% - 1.99%	VERY HIGH 1.99% <
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The proportion of emergency department visits this week for influenza-like illnesses is below the low threshold and lower than the 5-year average. This week 54% of visits were among males. Among those who made an emergency department visits for flu-like illness; 33% of visits were Black or African American individuals, 35% were among White individuals and 33% of visits were among other racial groups. 26% of visits were among Hispanic or Latin individuals. The median age this week is 18 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 1/11/2023.
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

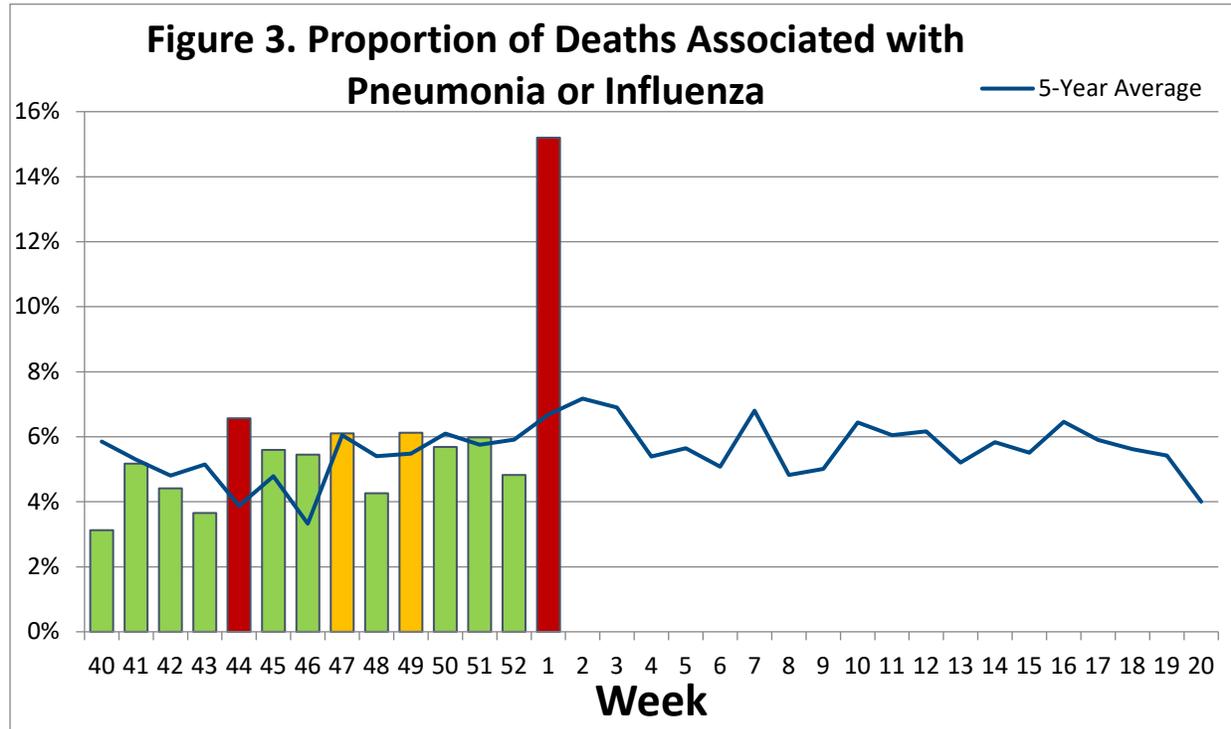


There were 20 influenza-associated hospitalizations (IAH) this reporting week. This is a low number of influenza-associated hospitalizations and lower than what we have seen at this point in previous flu seasons. 70% of influenza-associated hospitalizations this week were among Cleveland residents age 60 years and older. There have been 434 influenza-associated hospitalizations so far this season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 1/12/2023. 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 19 deaths this week due to pneumonia or influenza-related illnesses (P&I), which was 15.20% of all deaths during that week. This is a very high percentage of deaths due to pneumonia or influenza, but not an usual death count. The percentage may be high due to either a low number of total deaths this reporting week or a lag in reporting during the holidays. This week, the data shows there was one influenza specific-related death bringing the season total to eight. The proportion of P&I deaths is at the low threshold this week. All of the P&I deaths this reporting week were among residents 45 years and older.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 1/10/2023. 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.