

## Week 51 Highlights

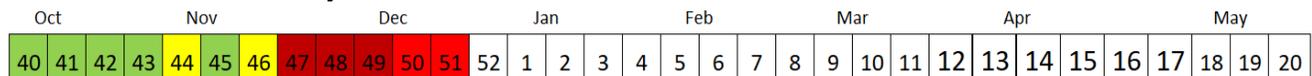
*The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.*

- This week, flu activity is “high”.
- 5.98% of the deaths reported were due to pneumonia. There were four influenza deaths reported this week and seven influenza deaths so far this season, including one pediatric mortality reported this week.
- There were 38 confirmed cases of influenza-associated hospitalizations (IAH) were reported this week. 388 hospitalizations due to the influenza were reported so far this season.
- 2.20% 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

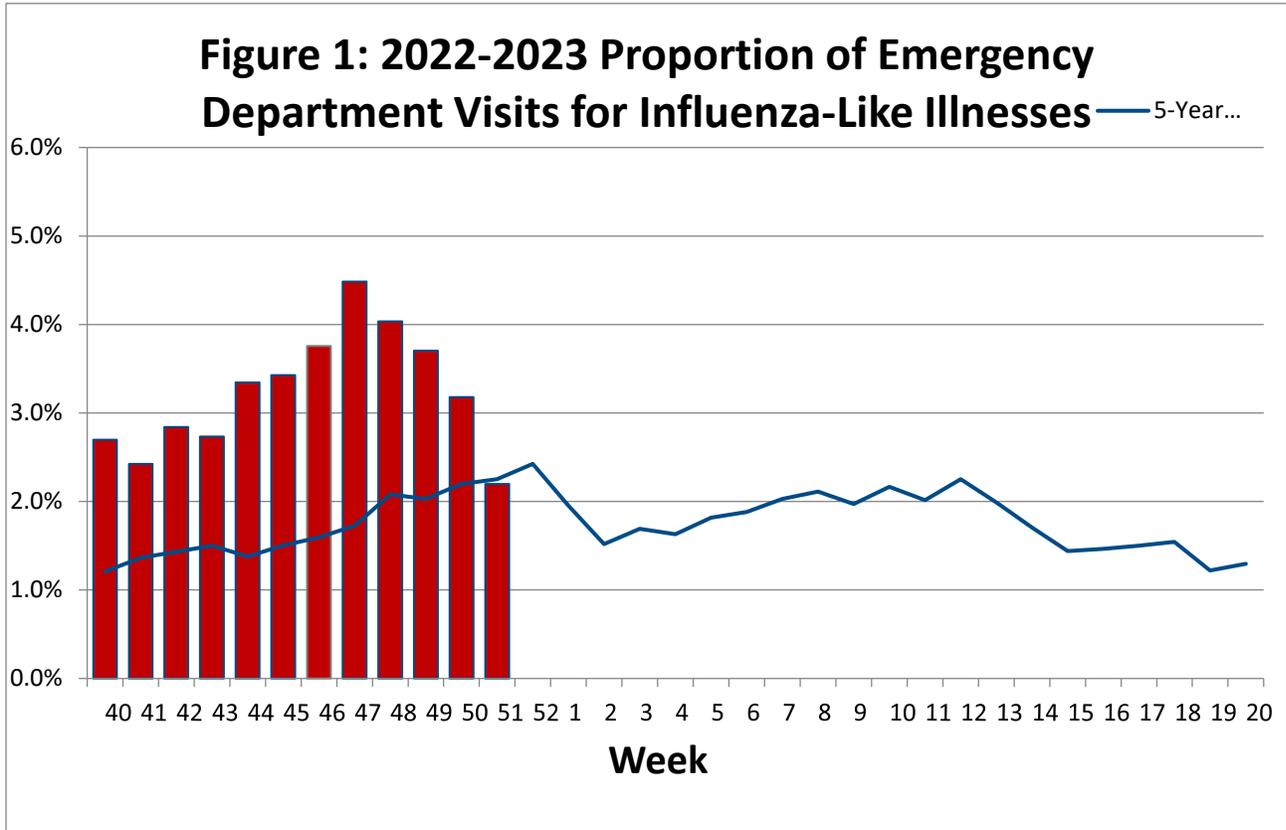


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department Visits for Influenza-Like Illnesses	97 (2.20%)	-0.98%	2,129 (3.26%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	38	-24	388
Pneumonia- & Influenza-Related Deaths	18 (5.98%)	+1	185 (5.17%)

\*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**



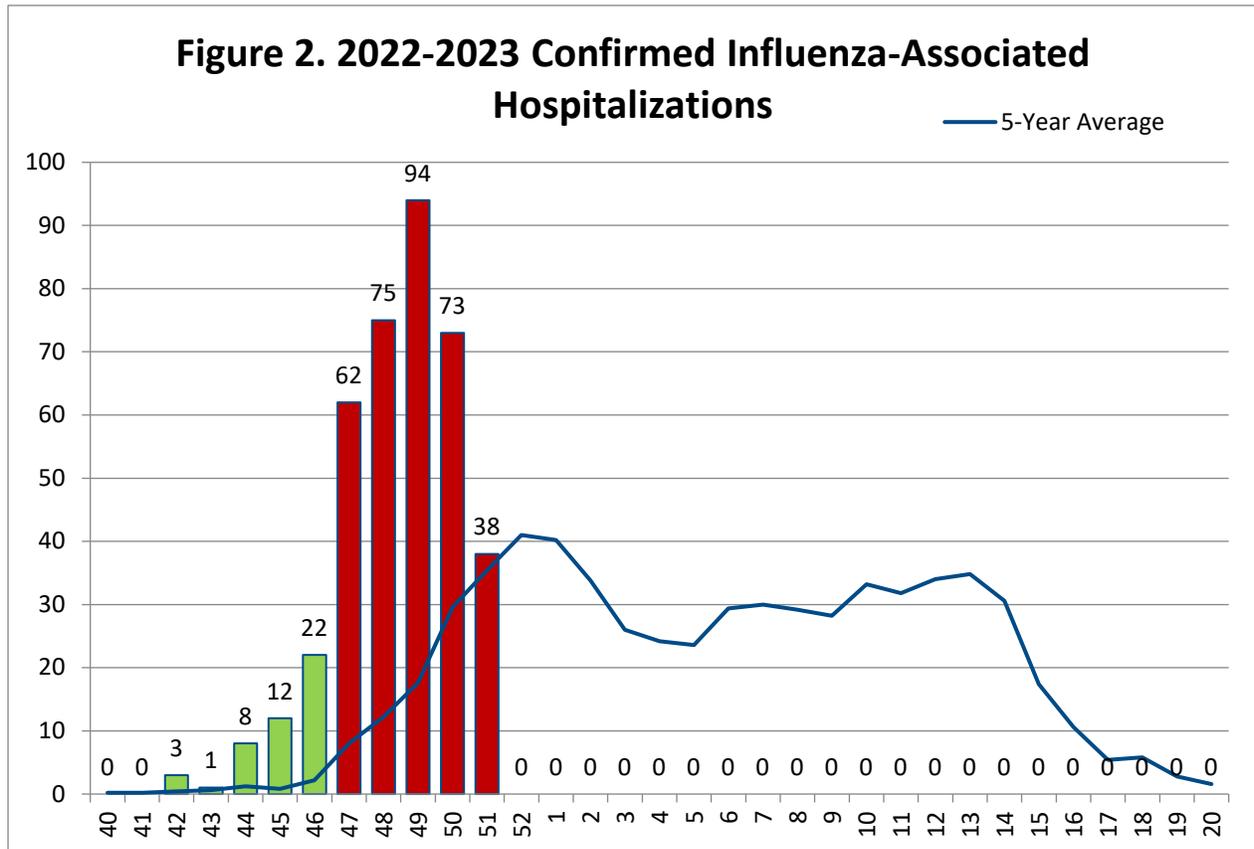
<b>LOW</b> < 1.88%	<b>MODERATE</b> 1.88% - 1.94%	<b>HIGH</b> 1.94% - 1.99%	<b>VERY HIGH</b> 1.99% <
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The proportion of emergency department visits this week for influenza-like illnesses is over the high threshold but comparable to the 5-year average. This week 51% of visits were among males. Regarding race and ethnicity, 25% of visits were Black or African American individuals; 32% were among White individuals; and 43% of visits were among other racial groups. 34% 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 12/27/2022.  
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**

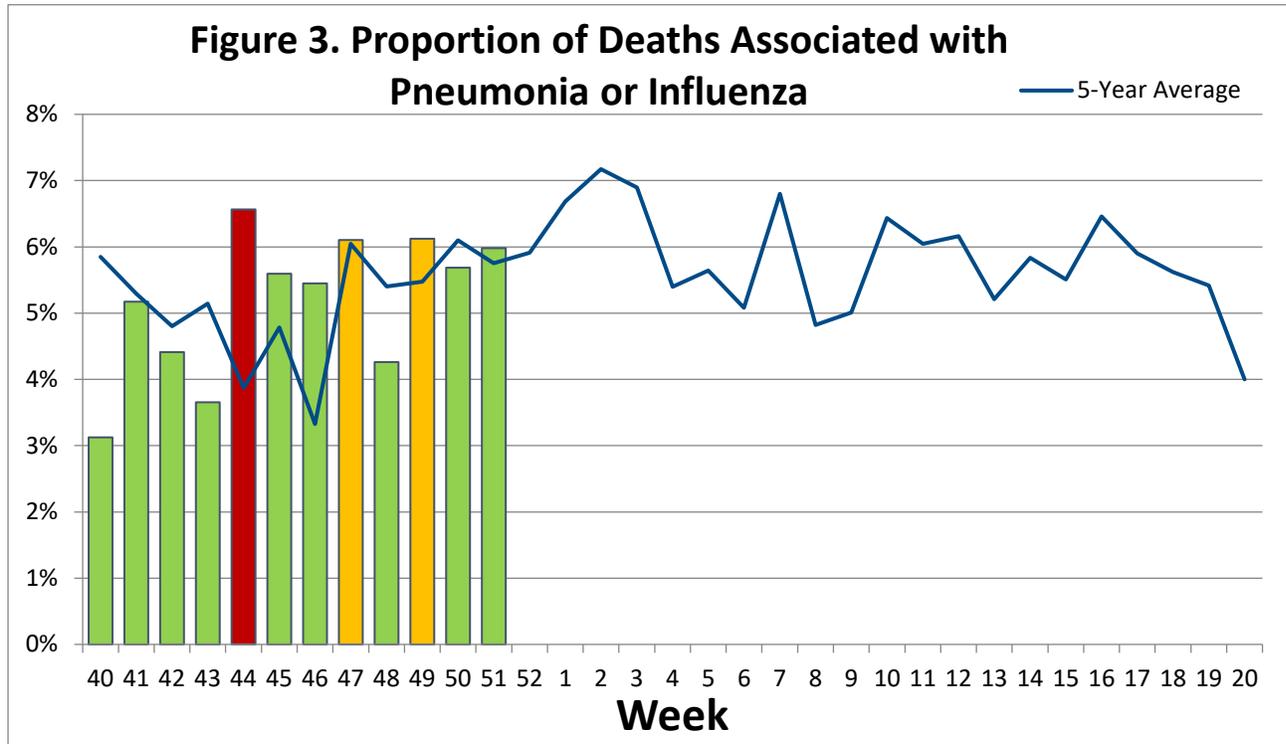


There were 38 influenza-associated hospitalizations (IAH) this reporting week. This is high number of influenza-associated hospitalizations, but comparable to the number of hospitalizations expected over the last 5 years at this point in the season. 53% of influenza-associated hospitalizations were among Cleveland residents age 60 years and older. There have been 388 influenza-associated hospitalizations so far this season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 12/29/2022. 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\***



<b>LOW</b> < 6.02%	<b>MODERATE</b> 6.02% - 6.19%	<b>HIGH</b> 6.19% - 6.34%	<b>VERY HIGH</b> 6.34% <
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There have been 18 deaths this week due to pneumonia or influenza-related illnesses (P&I), which was 5.98% of all deaths during that week. This week, the data shows there were four influenza specific-related death keeping the season total at seven. The proportion of P&I deaths is at the moderate threshold this week. Most of the P&I deaths that occurred this season were among individuals aged 45 years and older, however, there was one pediatric influenza death.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 12/27/2022. 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.