

## Week 52 Highlights

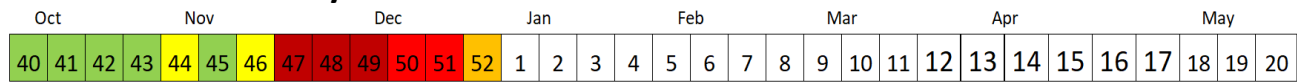
*The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.*

- This week, flu activity is “moderate”.
- 1.56% of emergency department visits were for flu-like illness.
- There were 40 confirmed cases of influenza-associated hospitalizations (IAH) that were reported this week. 414 hospitalizations due to the influenza were reported so far this season.
- 4.82% of the deaths reported were due to pneumonia. There was one influenza death reported this week and eight 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

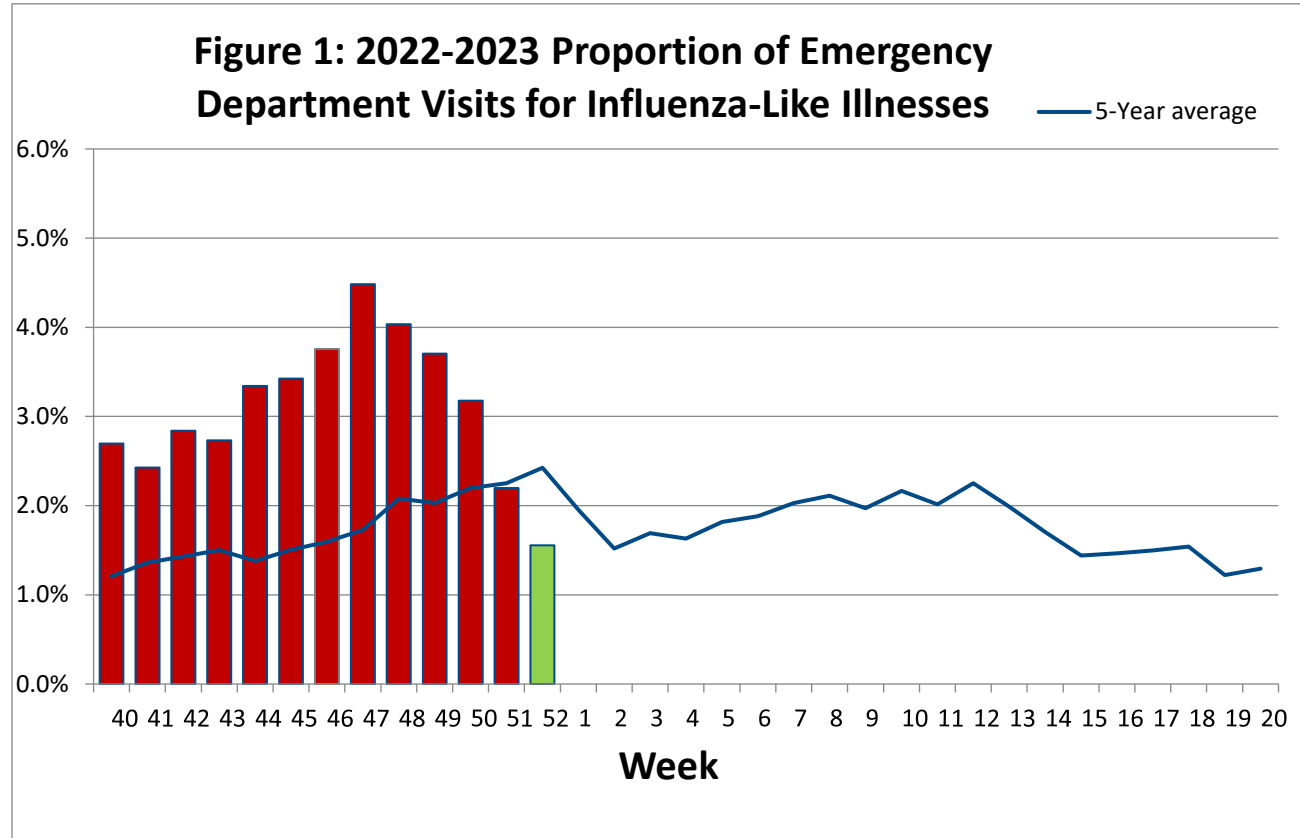


| Influenza (Flu) Intensity Indicators                     | This Week n (%) | Activity Compared to Last Week | Season Total n (%) |
|--|-----------------|--------------------------------|--------------------|
| Emergency Department Visits for Influenza-Like Illnesses | 73 (1.56%)      | -0.64%                         | 2,202 (3.14%)      |
| Confirmed Influenza Hospitalizations <sup>‡</sup>        | 40              | -8                             | 414                |
| Pneumonia- & Influenza-Related Deaths                    | 15 (4.82%)      | -3                             | 200 (5.14%)        |

\*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**



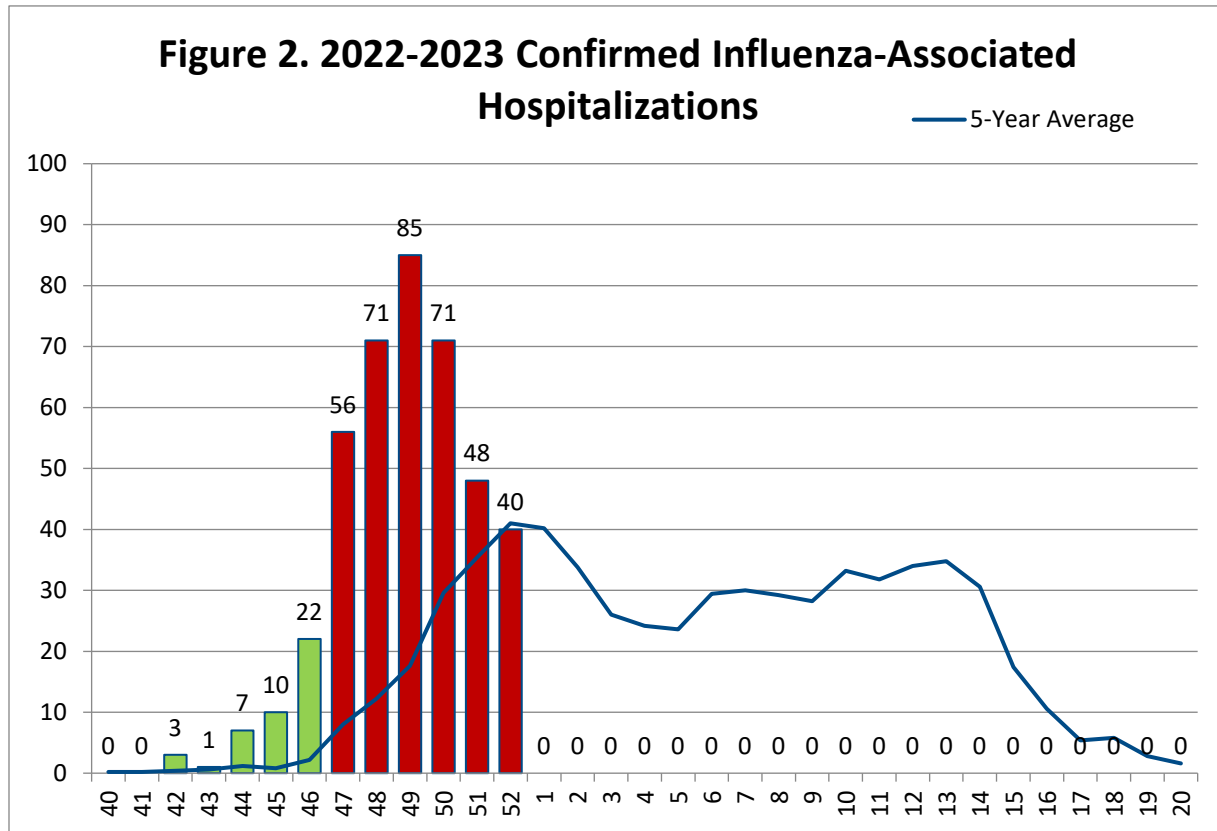
|                       |                                  |                              |                             |
|-----------------------|----------------------------------|------------------------------|-----------------------------|
| <b>LOW</b><br>< 1.88% | <b>MODERATE</b><br>1.88% - 1.94% | <b>HIGH</b><br>1.94% - 1.99% | <b>VERY HIGH</b><br>1.99% < |
|-----------------------|----------------------------------|------------------------------|-----------------------------|

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 45% of visits were among males. Among those who made an emergency department visits for flu-like illness, 37% of visits were Black or African American individuals; 34% were among White individuals; and 28% of visits were among other racial groups. 25% of visits were among Hispanic or Latin individuals. The median

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 1/4/2023.  
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**

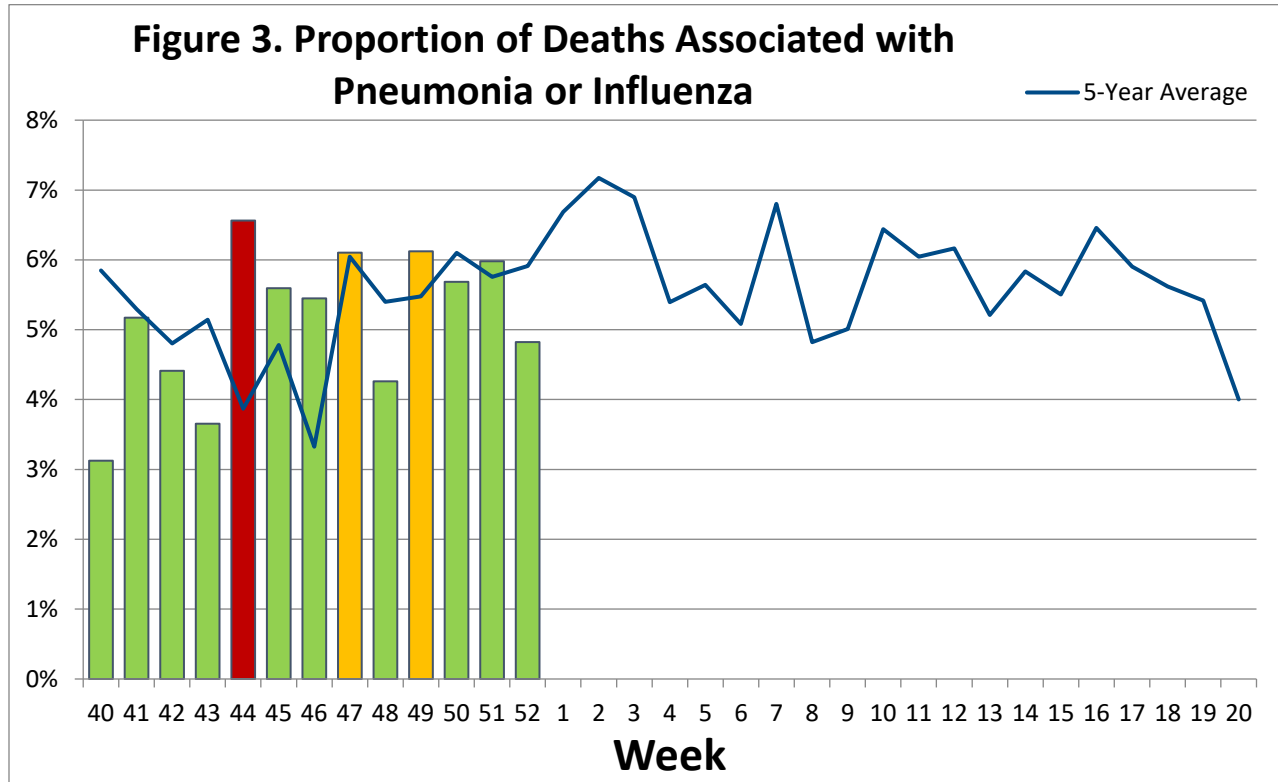


There were 40 influenza-associated hospitalizations (IAH) this reporting week. This is high number of influenza-associated hospitalizations, but not unexpected based on what we have seen at this point in previous flu seasons. Half of influenza-associated hospitalizations this week were among Cleveland residents age 60 years and older. There have been 414 influenza-associated hospitalizations so far this season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 1/5/2023. 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\***



|                       |                                  |                              |                             |
|-----------------------|----------------------------------|------------------------------|-----------------------------|
| <b>LOW</b><br>< 6.02% | <b>MODERATE</b><br>6.02% - 6.19% | <b>HIGH</b><br>6.19% - 6.34% | <b>VERY HIGH</b><br>6.34% < |
|-----------------------|----------------------------------|------------------------------|-----------------------------|

There have been 15 deaths this week due to pneumonia or influenza-related illnesses (P&I), which was 4.82% of all deaths during that week. 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. Although most of the P&I deaths were among residents 45 years and older, there was one pediatric influenza death.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 1/3/2023. 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.