

## Week 3 Highlights

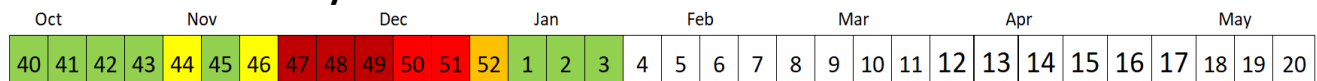
*The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.*

- This week, flu activity is “Low”.
- 1.53% of emergency department visits were for flu-like illness.
- There were four confirmed cases of influenza-associated hospitalizations (IAH) that were reported this week. 462 hospitalizations due to the influenza have occurred so far this season.
- 5.60% of the deaths reported this week were due to pneumonia. There were four influenza death reported this week and 13 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

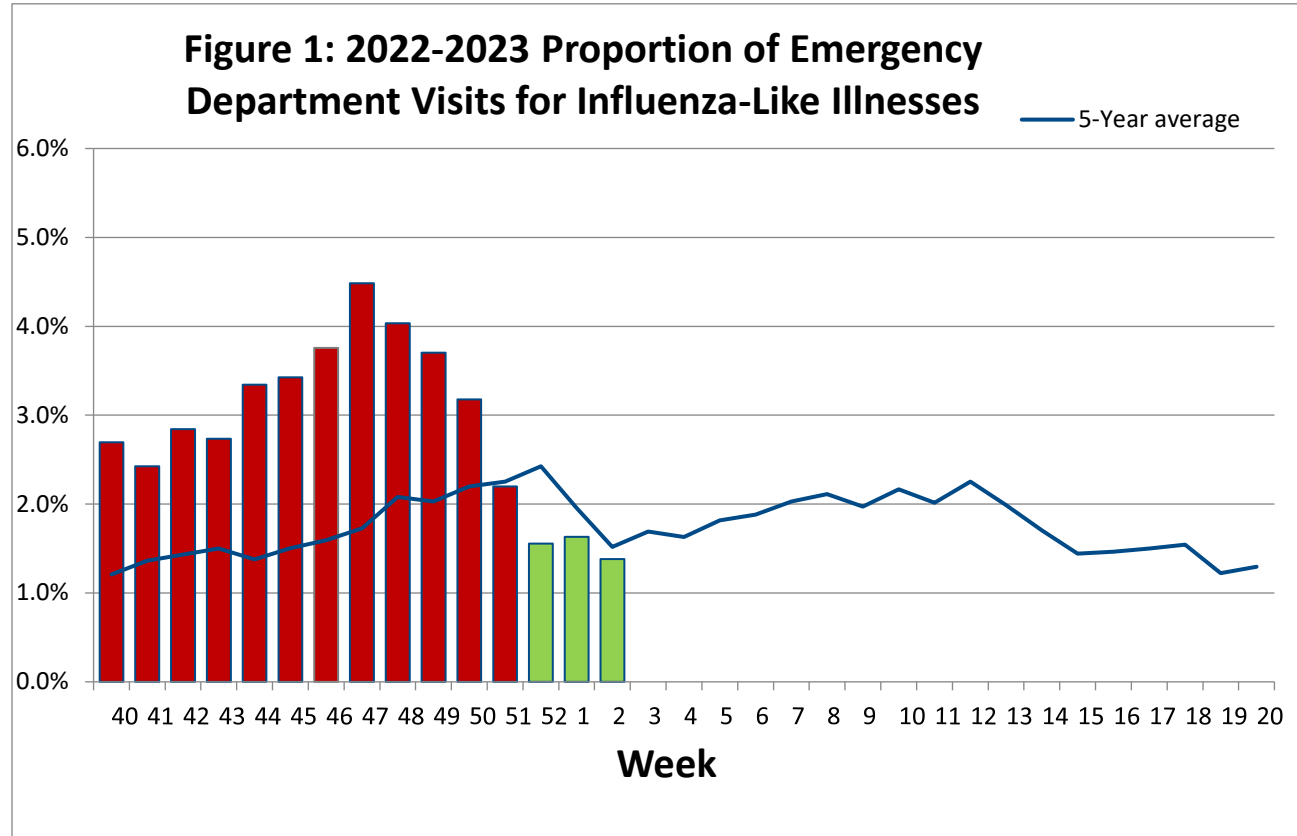


| Influenza (Flu) Intensity Indicators                     | This Week n (%) | Activity Compared to Last Week | Season Total n (%) |
|--|-----------------|--------------------------------|--------------------|
| Emergency Department Visits for Influenza-Like Illnesses | 75 (1.53%)      | +0.15%                         | 2,426 (2.86%)      |
| Confirmed Influenza Hospitalizations <sup>‡</sup>        | 4               | -7                             | 462                |
| Pneumonia- & Influenza-Related Deaths                    | 21 (6.05%)      | -5                             | 266 (5.60%)        |

\*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**



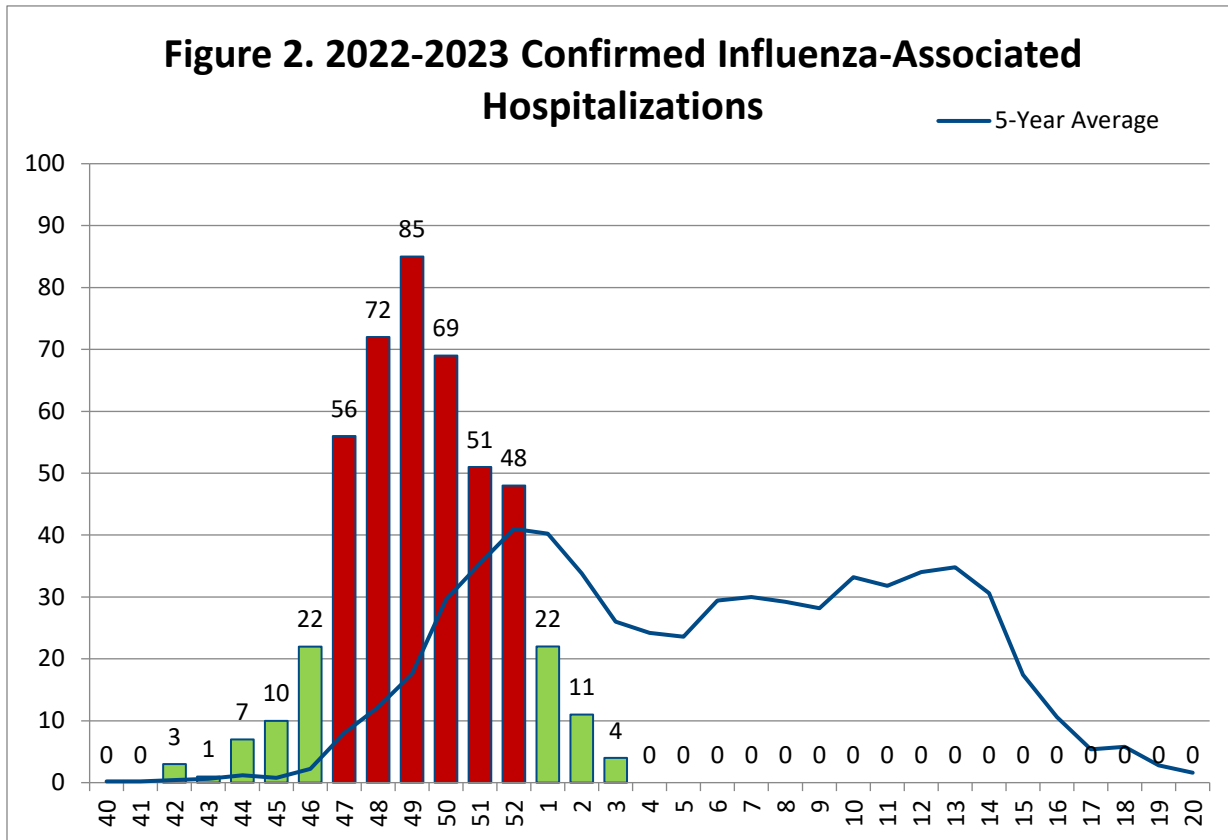
|                       |                                  |                              |                             |
|-----------------------|----------------------------------|------------------------------|-----------------------------|
| <b>LOW</b><br>< 1.88% | <b>MODERATE</b><br>1.88% - 1.94% | <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 52% of visits were among males. Among those who made an emergency department visits for flu-like illness; 45% of visits were Black or African American individuals, 20% were among White individuals and 35% of visits were among other racial groups. 25% 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 1/24/2023.  
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**

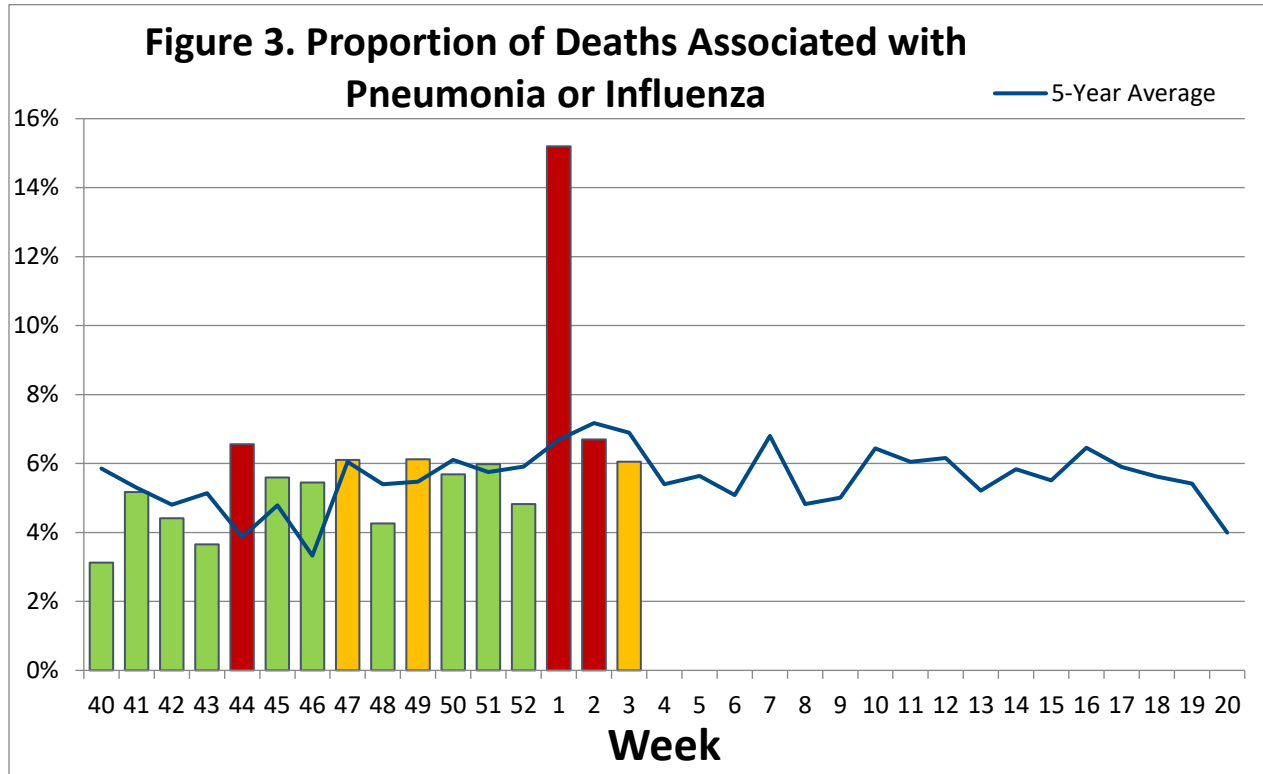


There were four influenza-associated hospitalizations (IAH) this reporting week. This is a low number of influenza-associated hospitalizations and lower than what we have seen at this point in previous flu seasons. All of influenza-associated hospitalizations this week were among Cleveland residents age 50 years and older. There have been 462 influenza-associated hospitalizations so far this season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 1/26/2023. 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 21 deaths this week due to pneumonia or influenza-related illnesses (P&I), which was 6.05% of all deaths during that week. This is a moderate percentage of deaths due to pneumonia or influenza, and an elevated death count. This week, the data shows there were four influenza specific-related deaths bringing the season total to 13. The proportion of P&I deaths is at the moderate threshold this week. Most of the P&I deaths this reporting week were among residents 45 years and older; however, there was one pediatric pneumonia associated death.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 1/23/2023. 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.