

Week 9 Highlights

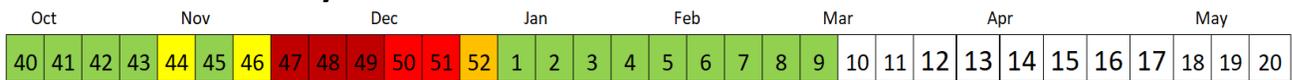
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is “Low”.
- 2.04%% of emergency department visits were for flu-like illness.
- There were 2 confirmed cases of influenza-associated hospitalizations (IAH) that were reported this week. 474 hospitalizations due to the influenza have occurred so far this season.
- 4.86% of the deaths reported this week were due to pneumonia. There was one influenza death reported this week and 17 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

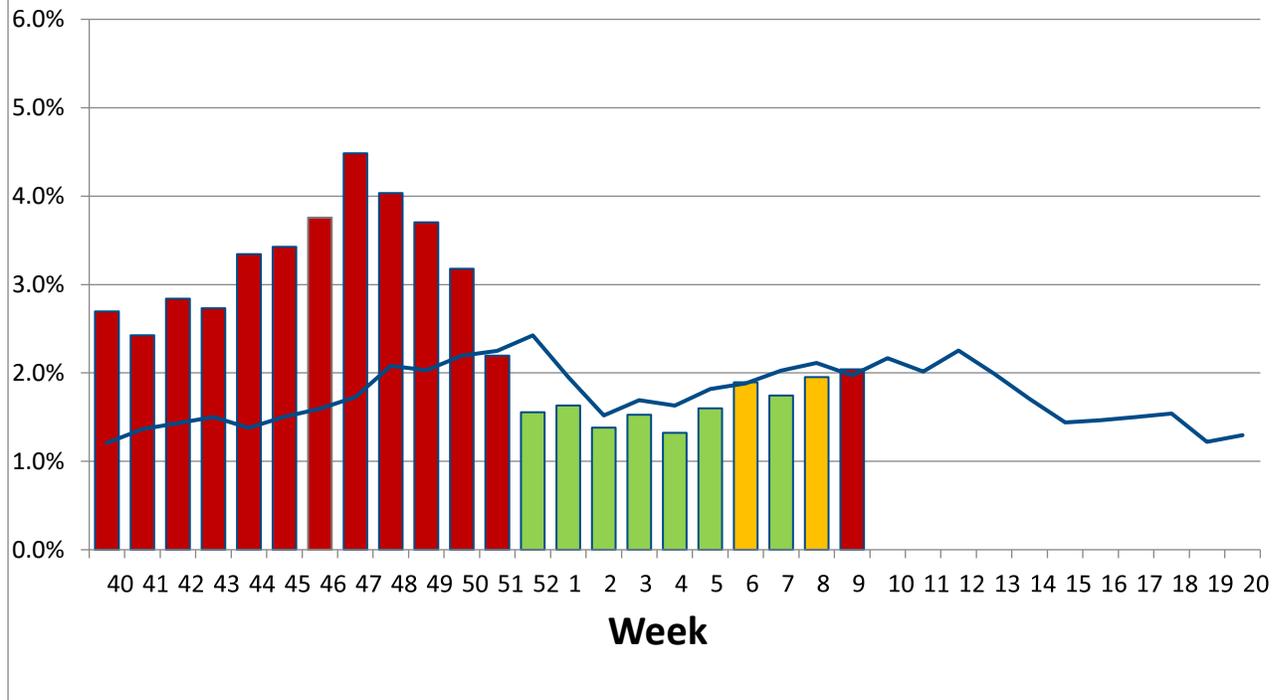


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department Visits for Influenza-Like Illnesses	106 (2.04%)	+0.09%	2,960 (2.57%)
Confirmed Influenza Hospitalizations [‡]	2	+2	474
Pneumonia- & Influenza-Related Deaths	14 (4.86%)	-3	362 (5.46%)

*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

Figure 1: 2022-2023 Proportion of Emergency Department Visits for Influenza-Like Illnesses



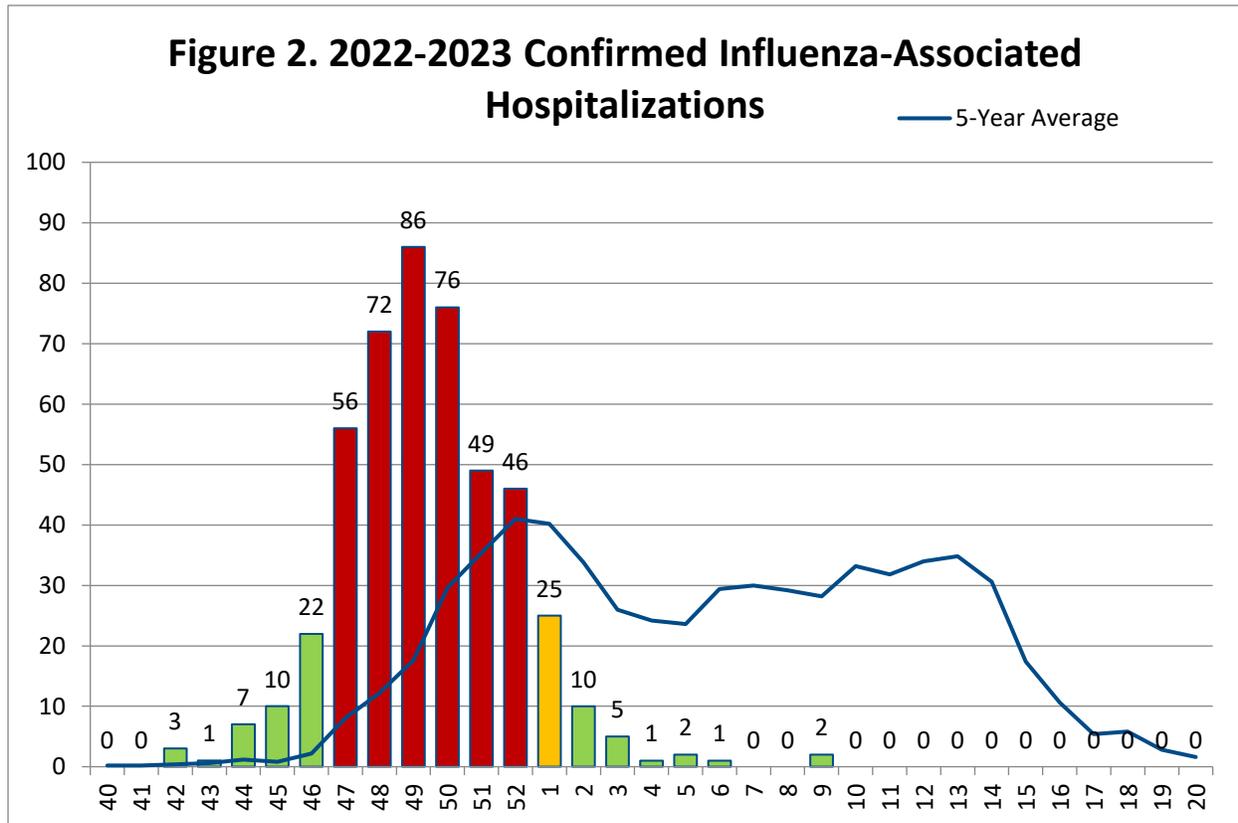
The proportion of emergency department visits this week for influenza-like illnesses is below the low threshold and lower than the 5-year average. This week 45% of visits were among males. Among those who made an emergency department visits for flu-like illness; 43% of visits were Black or African American individuals, 24% 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 8 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 3/8/30/2023.

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

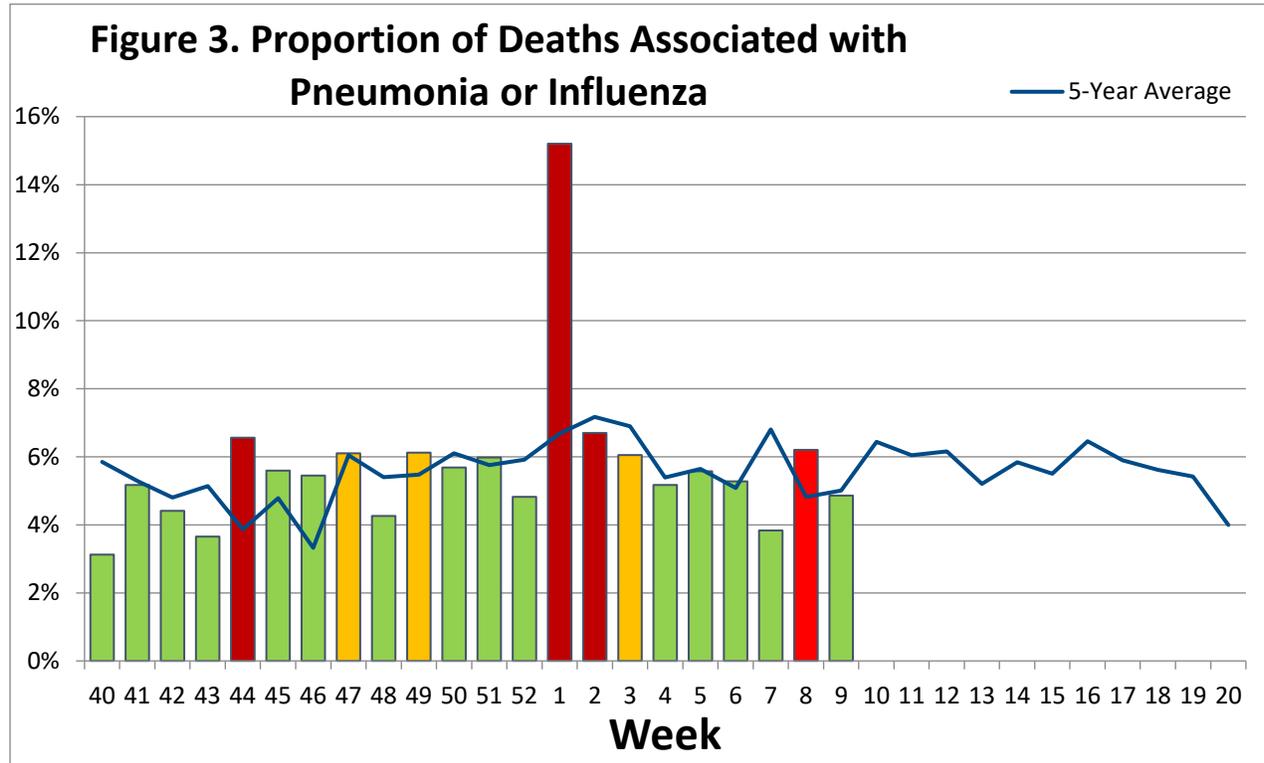


There were two influenza-associated hospitalizations (IAH) this reporting week. This was a low number of flu hospitalizations compared to previous seasons. However, this year there has still been 3-times more flu hospitalizations compared to the 2021-2022 season. There have been 474 influenza-associated hospitalizations so far this season compared to 152 during all of the previous flu season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 3/9/2023. 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 14 deaths this week due to pneumonia or influenza-related illnesses (P&I), which was 4.86% of all deaths during that week. This is a low percentage of deaths due to pneumonia or influenza and comparable to what we would expect this week during the flu season. This week, the data shows there one influenza specific-related death keeping the season total at 17. The proportion of P&I deaths is at the low threshold this week. All but one 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 3/7/2023. 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.