

Week 45 Highlights

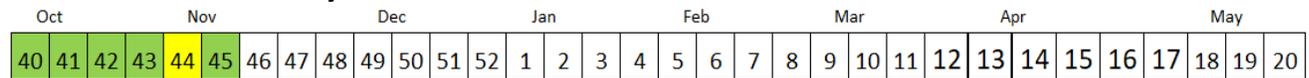
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity remains “Low”
- 5.59% of the 286 deaths reported were due to pneumonia. One influenza deaths was reported this week, which was the first of this flu season.
- There were ten confirmed cases of influenza-associated hospitalization were reported this week. 21 hospitalizations due to the flu were reported this season
- 3.43% of emergency department visits were for flu-like illness

Flu Intensity



Seasonal Flu Intensity

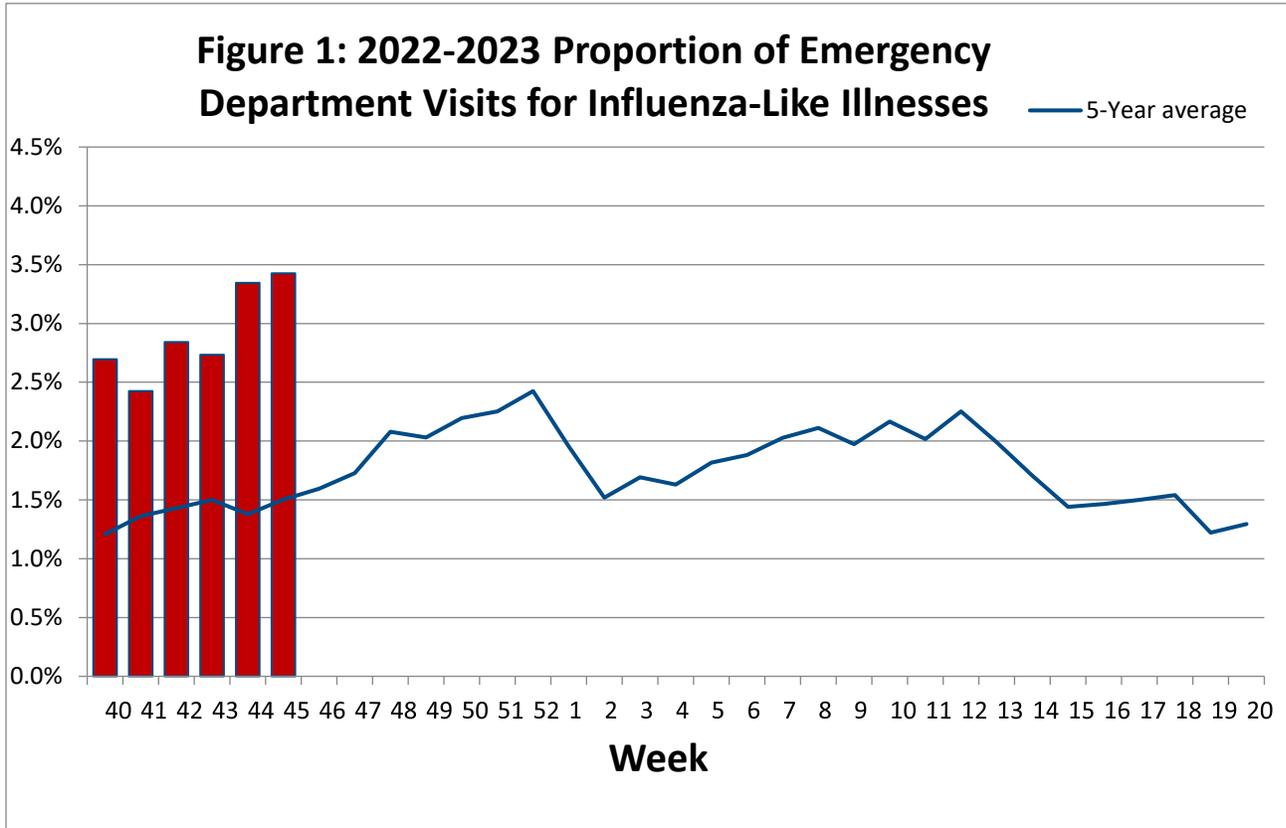


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	189 (3.34%)	-0.09%	962 (2.91%)
Confirmed Influenza Hospitalizations [‡]	10	+3	21
Pneumonia- & Influenza-Related Deaths	16 (5.59%)	-5	84 (4.78%)

*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



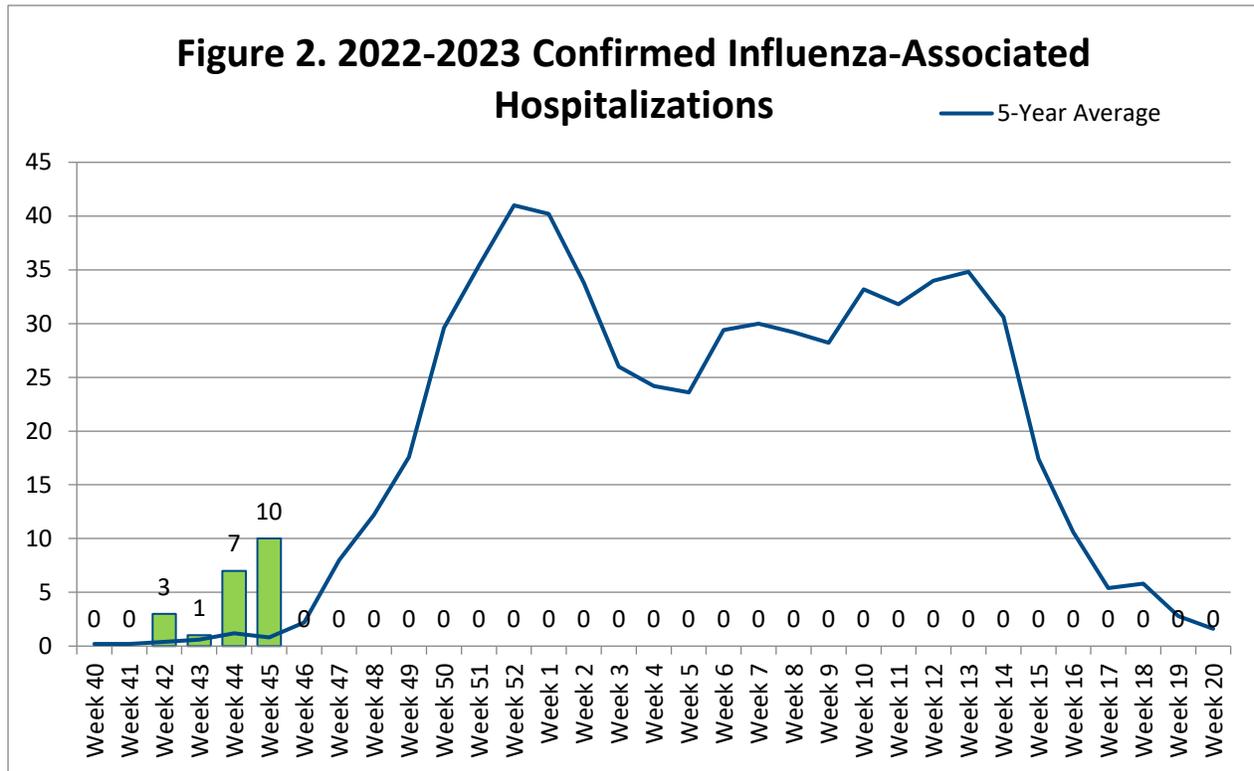
LOW < 1.88%	MODERATE 1.88% - 1.94%	HIGH 1.94% - 1.99%	VERY HIGH 1.99% <
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The proportion of Emergency Room visits this week for influenza-like illnesses is over the *very high* threshold and higher than the 5-year average. This week 43% of visits were among males. Regarding race and ethnicity, 43% of visits were Black or African American individuals; 25% were among White individuals; and 32% of visits were among other racial groups. 27% of visits were among Hispanic or Latin individuals. The median age this week is 5 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 11/16/2022.
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



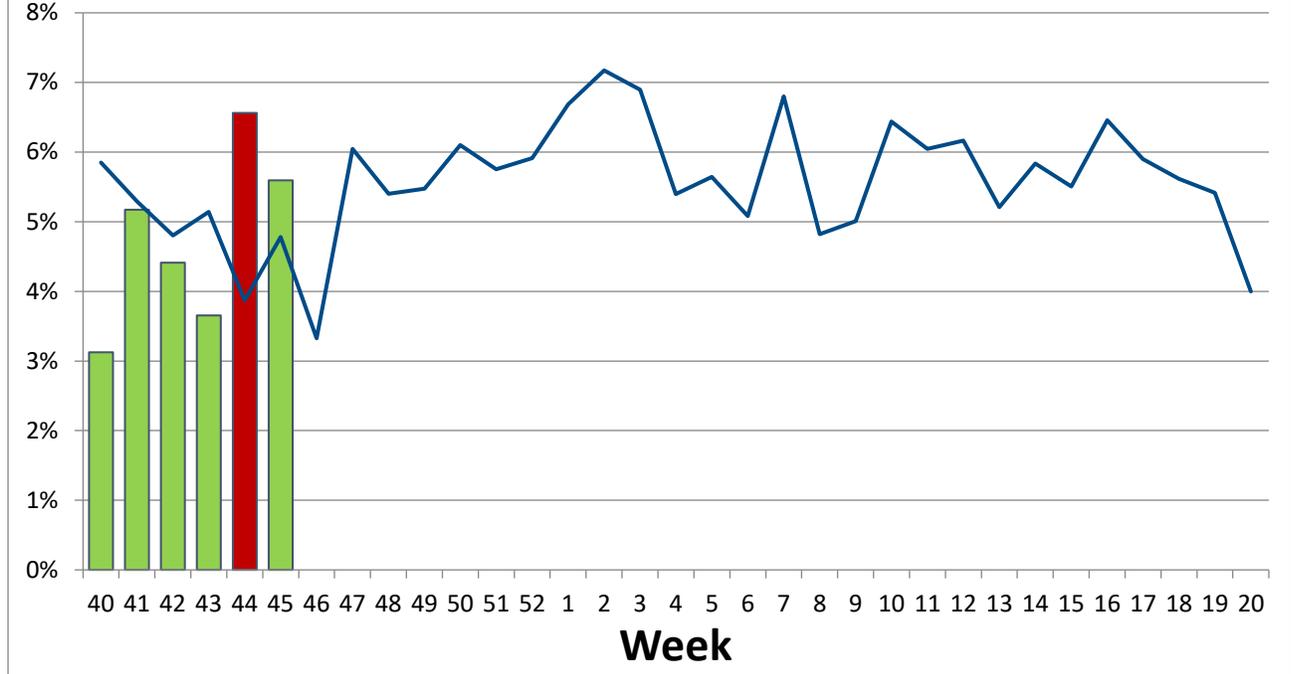
There were ten influenza-associated hospitalization (IAH) this reporting week. This is a low number of weekly influenza-associated hospitalizations; however, this is more than what is expected at this point in the flu seasons. On average over the past 5 years, the number of IAH during the first 6 weeks of flu season have remained below 10 each week.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 11/17/2022. 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*

Figure 3. Proportion of Deaths Associated with Pneumonia or Influenza



LOW < 6.02%	MODERATE 6.02% - 6.19%	HIGH 6.19% - 6.34%	VERY HIGH 6.34% <
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There have been 16 deaths this season due to pneumonia or influenza-related illnesses (P&I). This week, the data shows there was one influenza specific-related death. The proportion of P&I deaths is below the *low* threshold this week. The majority P&I deaths that occurred this season were among individuals aged 45 years and older.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 11/16/2022. 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.