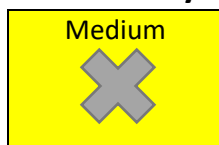


Week 44 Highlights

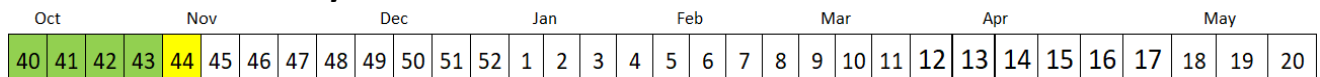
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity remains “Low”
- 6.56% of the 320 deaths reported were due to pneumonia. No influenza deaths were reported this week and there have been no influenza deaths so far this season.
- There were four confirmed cases of influenza-associated hospitalization were reported this week. 7 hospitalizations due to the flu were reported this season
- 3.34% of emergency department visits were for flu-like illness

Flu Intensity



Seasonal Flu Intensity



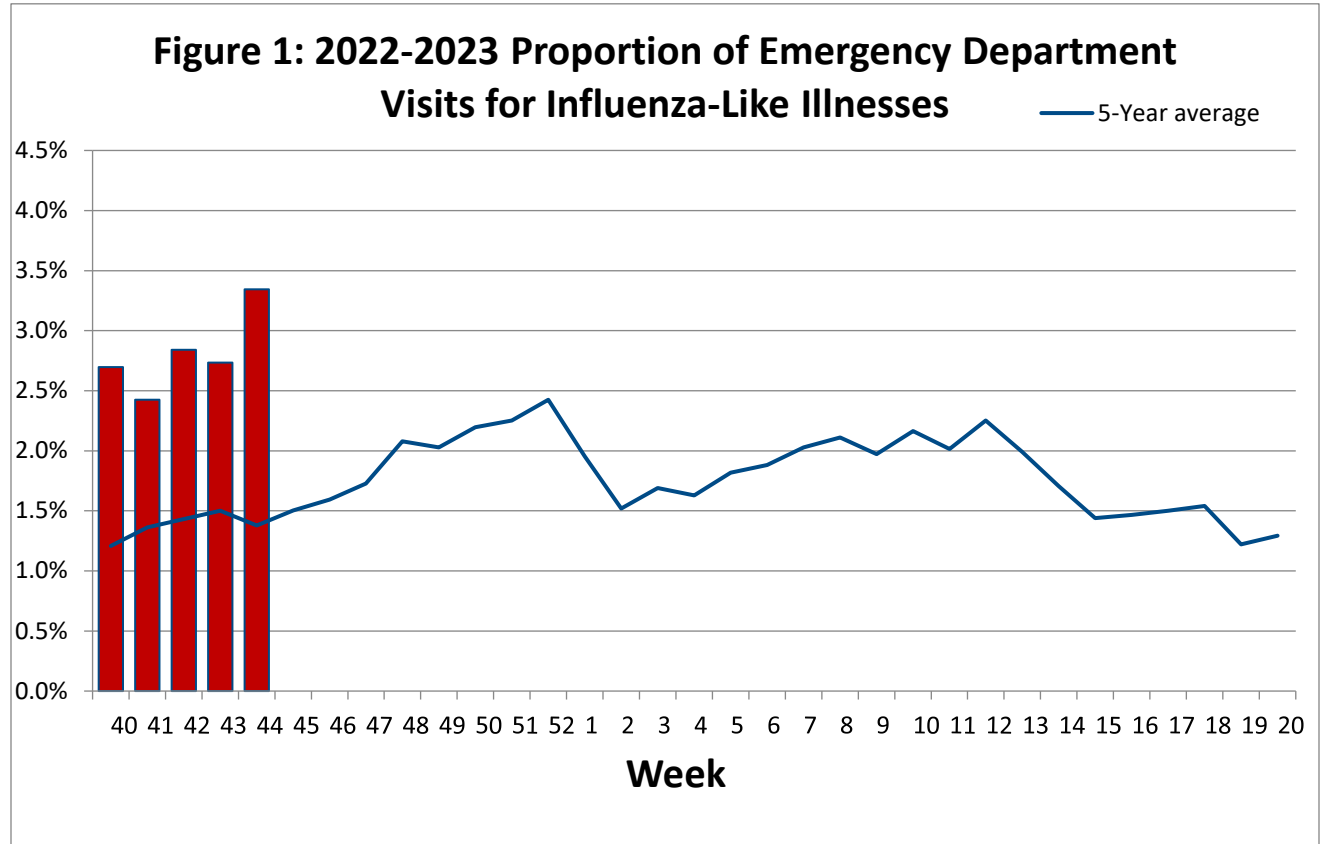
Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	191 (3.34%)	+0.61%	773 (2.81%)
Confirmed Influenza Hospitalizations [‡]	7	+6	10
Pneumonia- & Influenza-Related Deaths	21 (6.56%)	+10	68 (4.62%)

*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 under the *low* threshold and lower than the 5-year average. This week 52% of visits were among males. Regarding race and ethnicity, 43% of visits were Black or African American individuals; 23% were among White individuals; and 34% of visits were among other racial groups. 25% 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 11/10/2022.

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

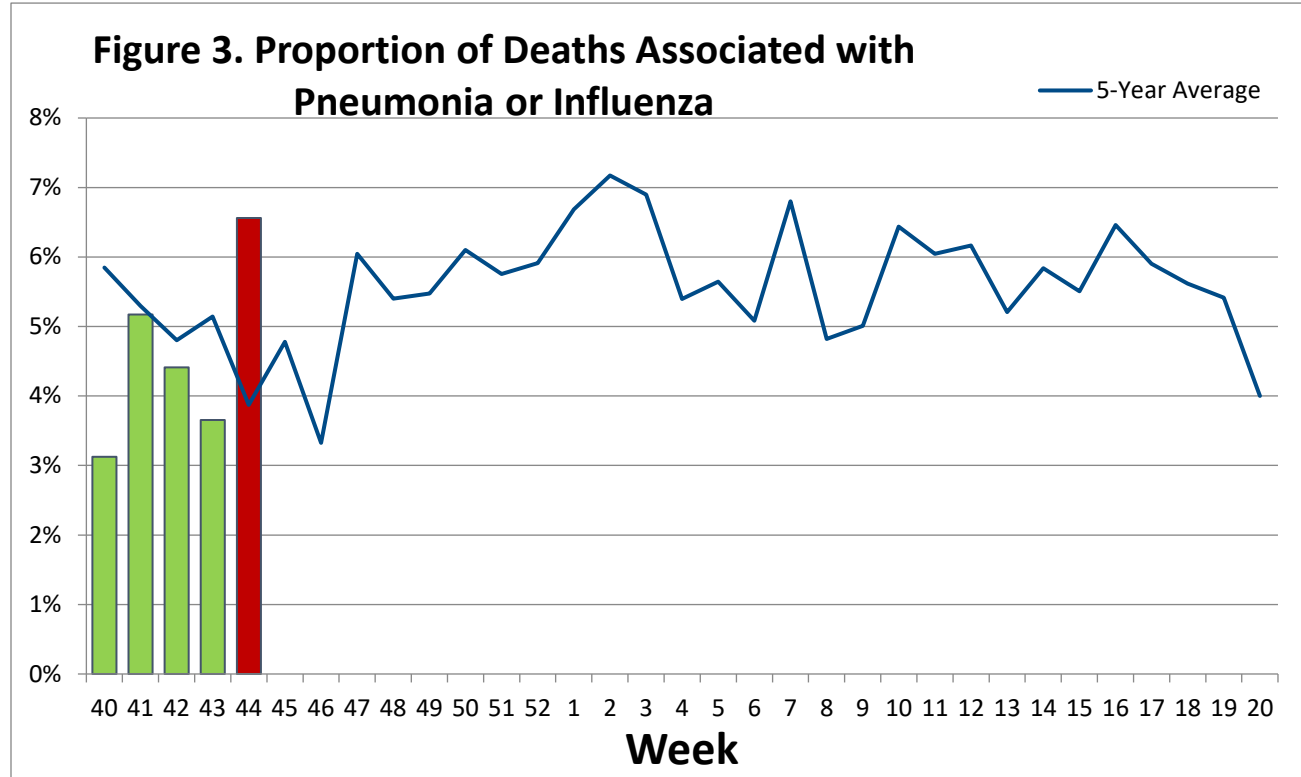
MMWR	Hospitalizations	5-Year Average
Week 40	0	0.2
Week 41	0	0.2
Week 42	2	0.4
Week 43	1	0.6
Week 44	7	1.2
Total	10	2.6

There were seven influenza-associated hospitalization (IAH) this reporting week. This is a low number of weekly influenza-associated hospitalizations; however, this is a large increase compared to the weekly number of hospitalizations since flu season began. There have been 10 influenza-associated hospitalizations since the end of the previous flu season. However, 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 11/10/2022. 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*



LOW < 6.02%	MODERATE 6.02% - 6.19%	HIGH 6.19% - 6.34%	VERY HIGH 6.34% <
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There have been 21 deaths this season due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is above the *very high* threshold this week. This week, the data shows there was not an influenza specific-related death. 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 11/10/2022. 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.