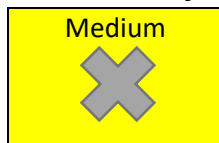


## Week 44 Highlights

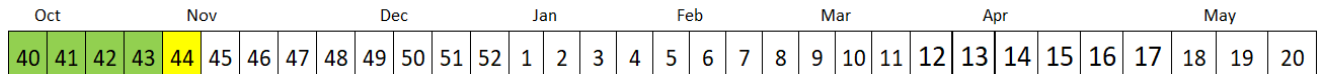
*The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.*

- 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



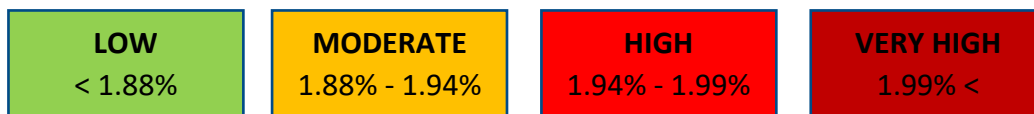
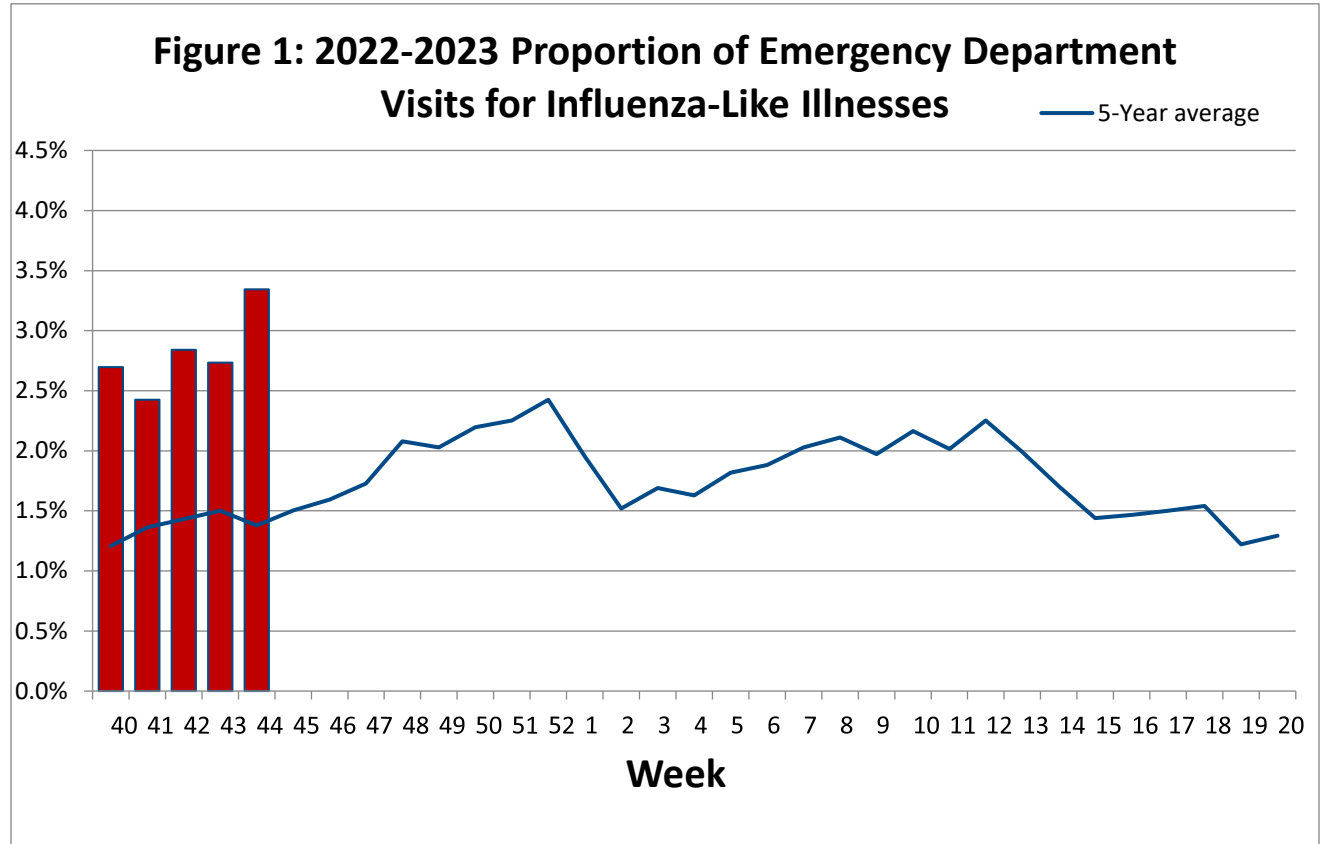
### Seasonal Flu Intensity



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 <sup>‡</sup>	4	+3	7
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



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

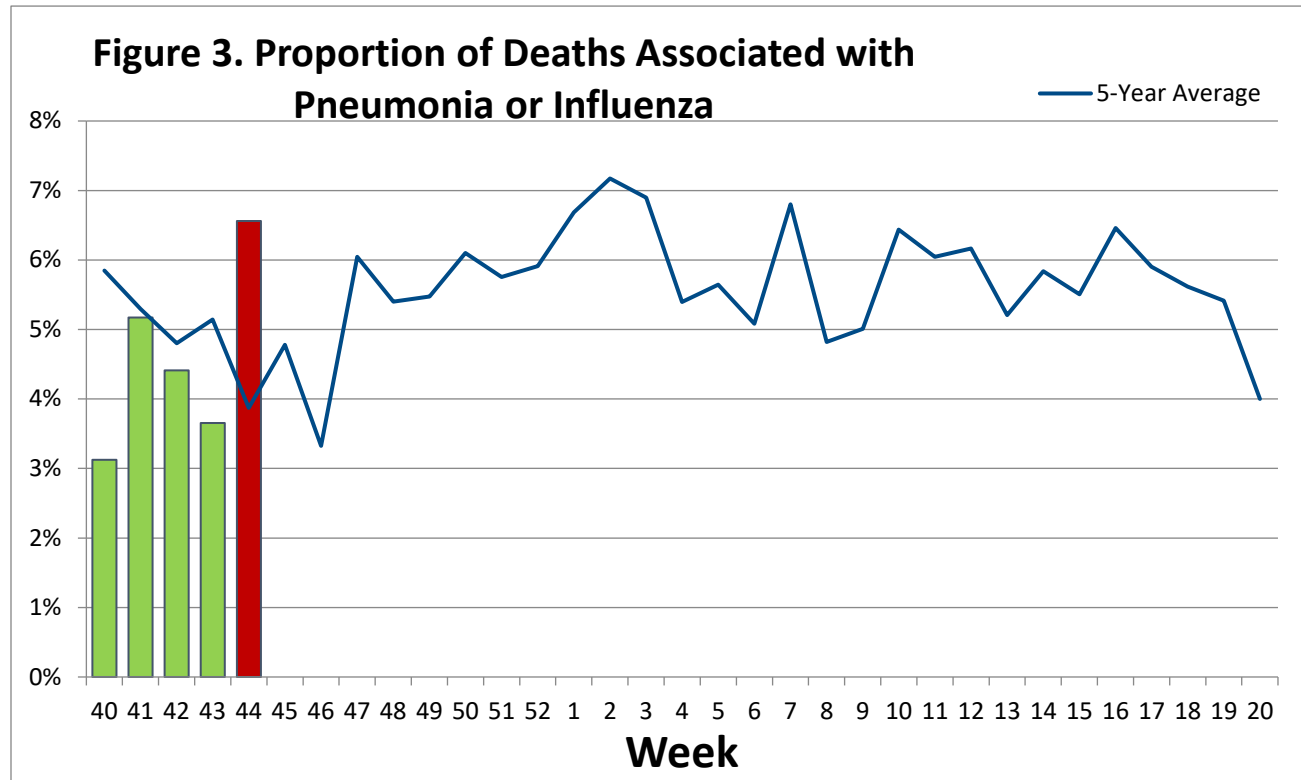
MMWR	Hospitalizations	5-Year Average
Week 40	0	0.2
Week 41	0	0.2
Week 42	2	0.4
Week 43	1	0.6
Week 44	4	1.2
<b>Total</b>	<b>7</b>	<b>2.6</b>

There were four 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 three 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\***



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