

Week 8 Highlights

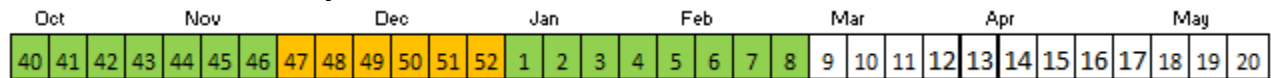
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- For the seventh consecutive week, flu activity remains “Low”
- 5.9% of the 306 deaths reported were due to pneumonia. 0 influenza deaths were reported this week and there have been 2 influenza deaths so far this season.
- 1 confirmed case of influenza-associated hospitalization were reported this week. 44 hospitalizations due to the flu were reported this season
- 1.19% of emergency department visits were for flu-like illness
- Influenza A remains the predominant strain. The vaccine remains a good match for the current circulating strain of Influenza A.

Flu Intensity



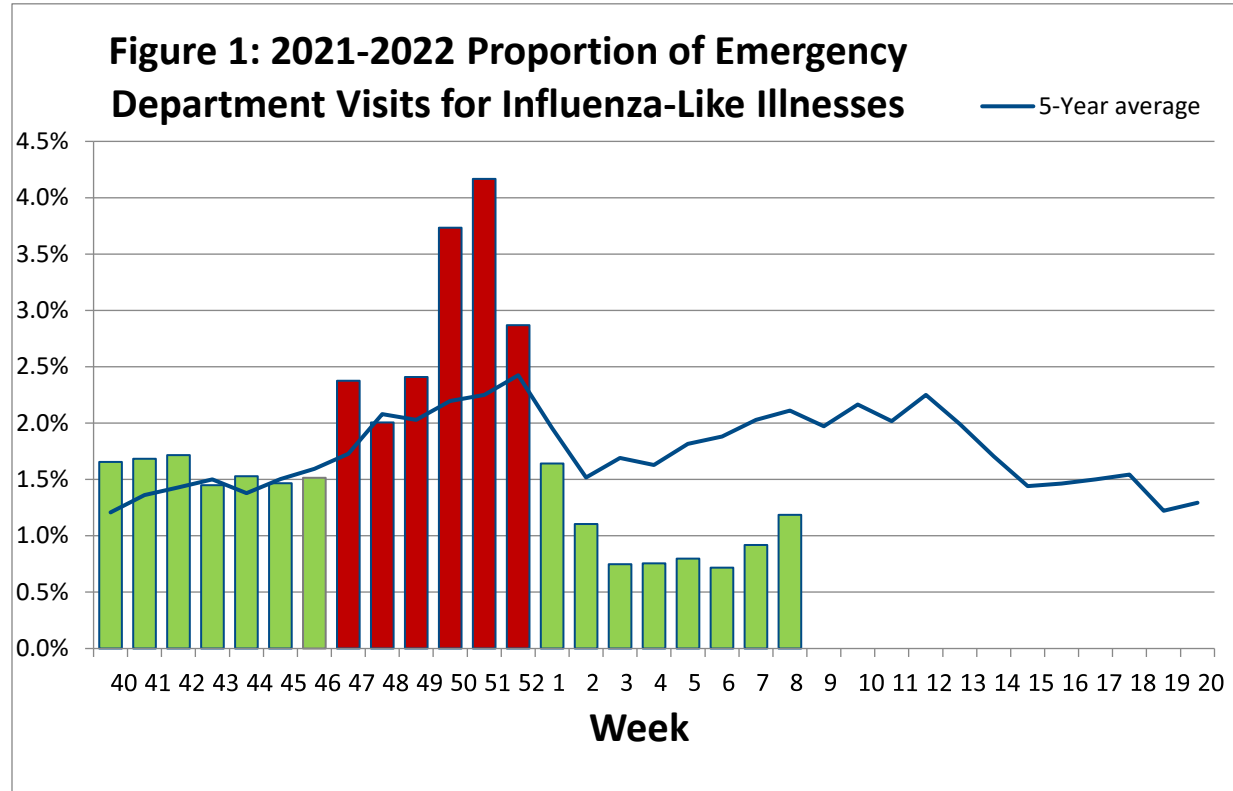
Seasonal Flu Intensity



Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	56 (1.19%)	+0.27%	2,138 (1.85%)
Confirmed Influenza Hospitalizations [‡]	1	-1	44
Pneumonia- & Influenza-Related Deaths	18 (5.9%)	-5.6%	1,084 (13.4%)

*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 reporting week for influenza-like illnesses remains under the *low* threshold and lower than the 5-year average. This week 41% of visits were among males. Regarding race and ethnicity, 41% of visits were Black or African American individuals; 21% were among White individuals; and 38% of visits were among other racial groups. 41% of visits were among Hispanic or Latin individuals. The median age this week is 9.5 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 3/1/2022.
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

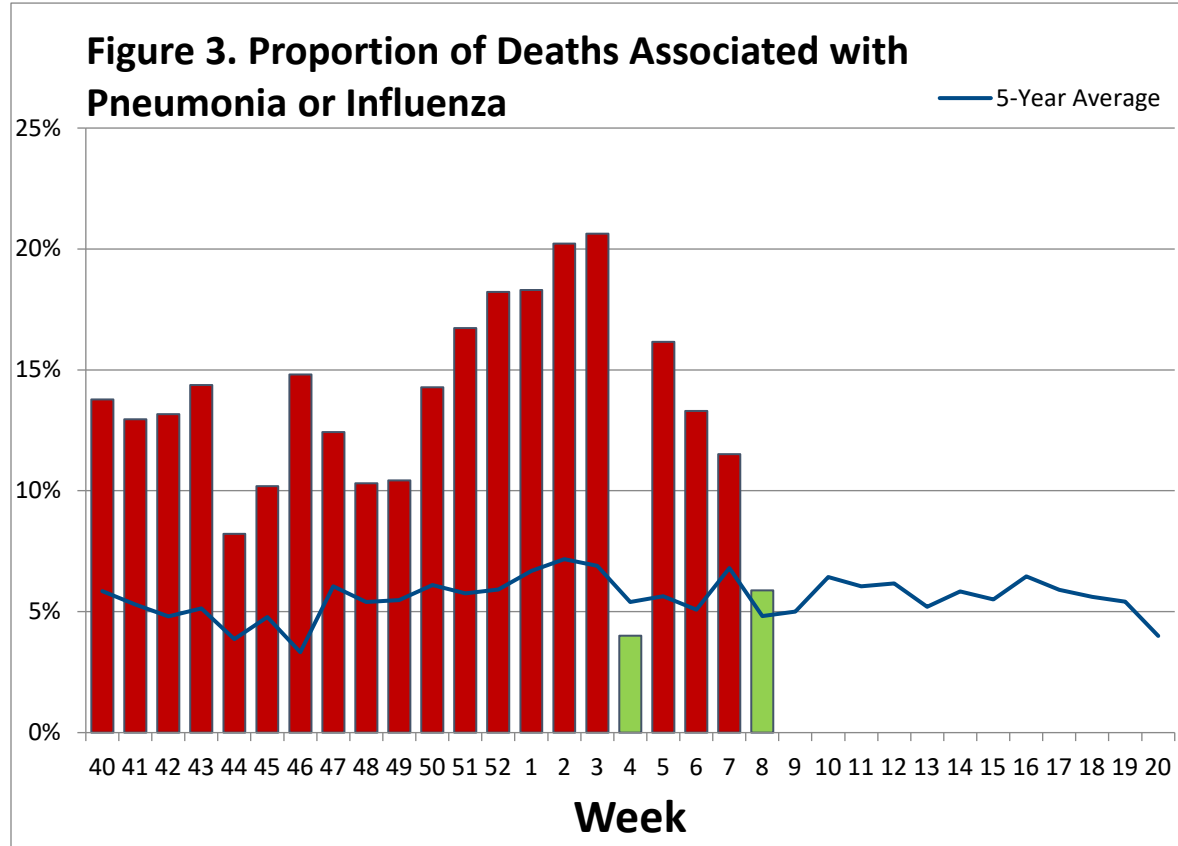
MMWR	Hospitalizations	5-Year Average
Week 47	3	8
Week 48	10	12.2
Week 49	4	17.6
Week 50	5	29.6
Week 51	2	35.4
Week 52	3	41.0
Week 1	0	40.2
Week 2	2	33.8
Week 3	1	26.0
Week 4	3	24.2
Week 5	2	23.6
Week 6	3	29.4
Week 7	2	30.0
Week 8	1	29.2
Total	44	385.8

The number of hospitalizations remains very low compared to what has been observed over the past 5 years. Influenza A is the predominant strain currently, which was observed among all of cases this week. This week there was 1 influenza-associated hospitalization bringing the season total at 44.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 3/1/2022. 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 18 deaths this week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is below the *low* 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 3/1/2022. Data are preliminary and subject to change as more information is gained.

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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.