

## Week 3 Highlights

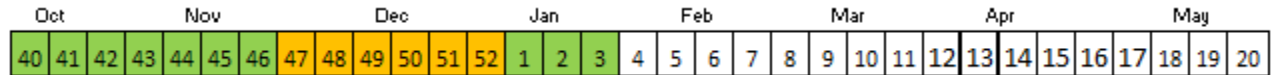
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- For the second consecutive week, flu activity remains “Low”
- 20.6% of the 441 deaths reported were due to pneumonia. No influenza deaths were reported this week and there have been 1 influenza deaths so far this season.
- There was 1 confirmed case of influenza-associated hospitalization were reported this week. 33 hospitalizations due to the flu were reported this season
- 0.75% 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

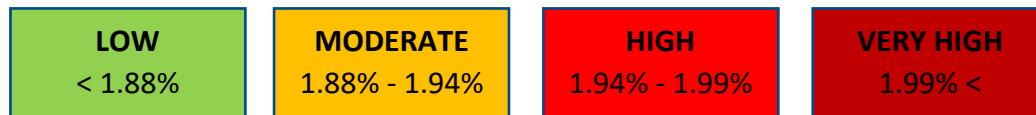
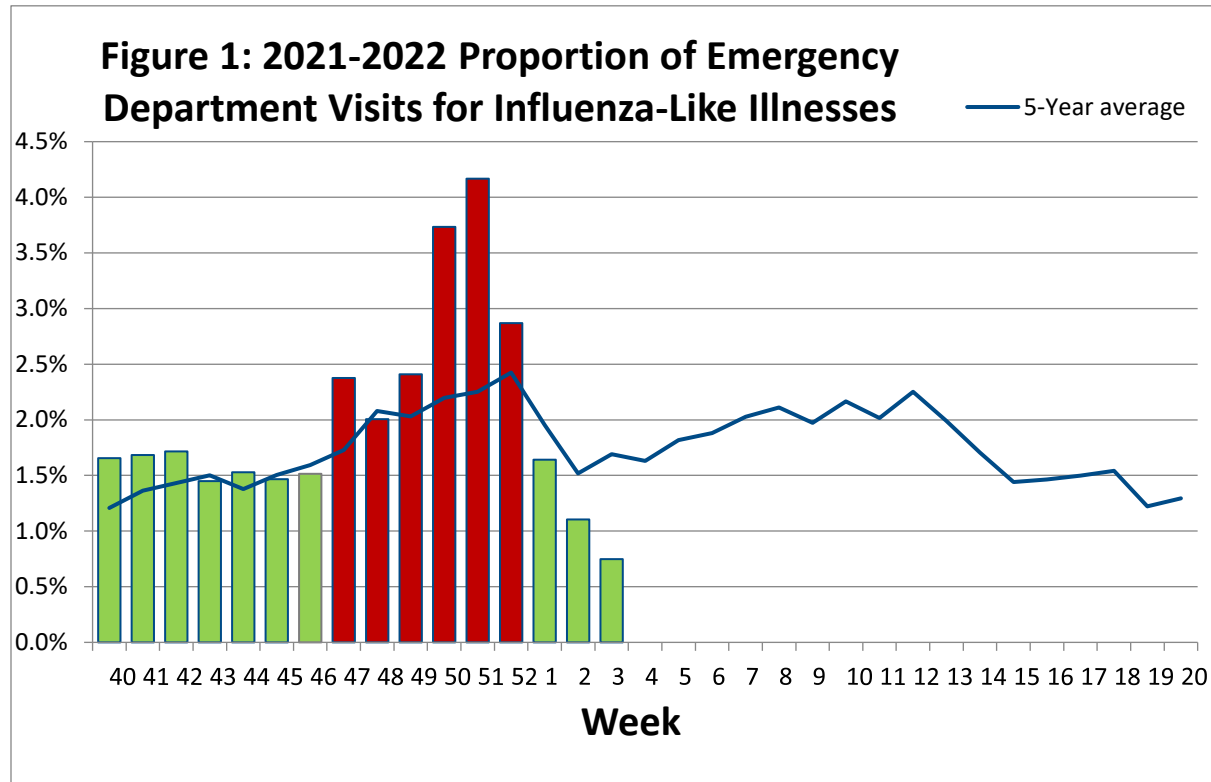


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	30 (0.75%)	-0.35%	1,946 (2.08%)
Confirmed Influenza Hospitalizations <sup>‡</sup>	1	+1	33
Pneumonia- & Influenza-Related Deaths	91 (20.6%)	+0.4%	878 (14.6%)

\*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 reporting week for influenza-like illnesses remains under the *low* threshold and lower than the 5-year average. This week 50% of visits were among males. Regarding race and ethnicity, 67% of visits were Black or African American individuals; 10% were among White individuals; and 23% of visits were among other racial groups. 10% of visits were among Hispanic or Latin individuals. The median age this week is 14.5 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 1/27/2022.

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

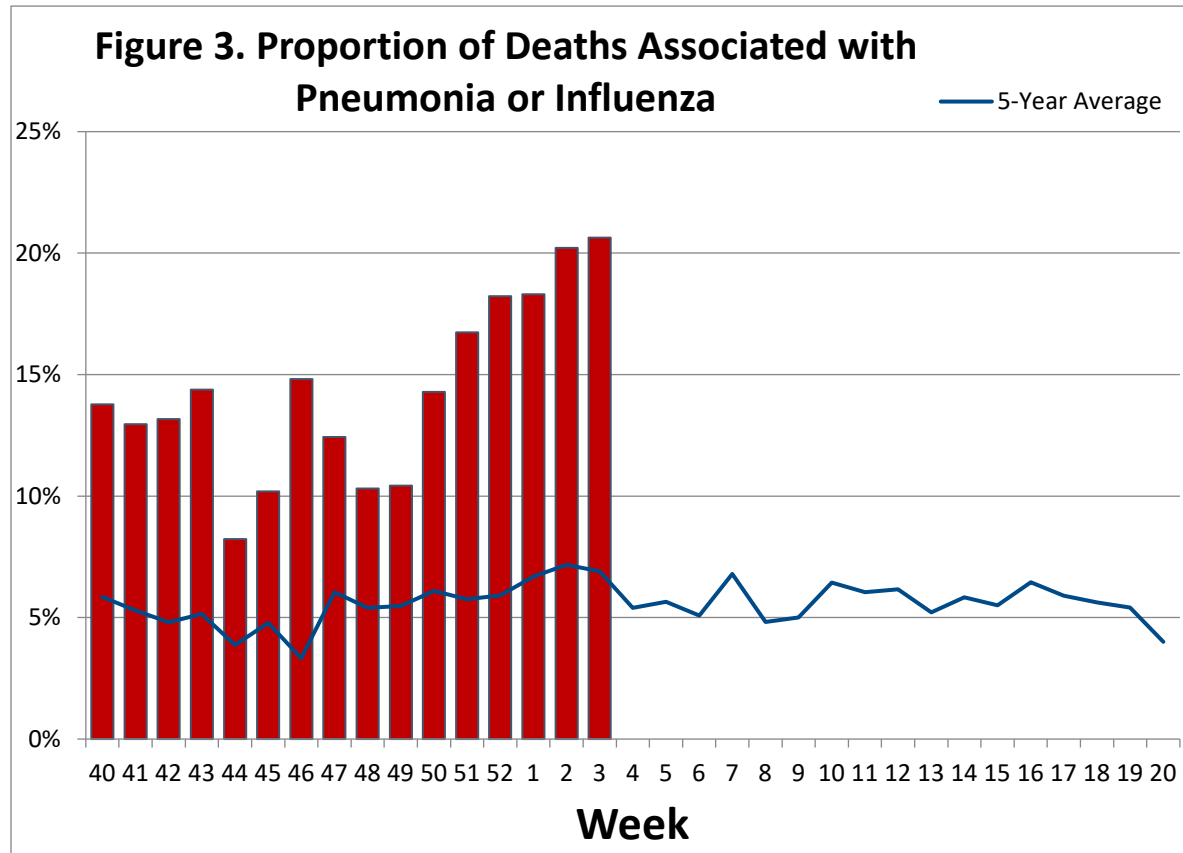
MMWR	Hospitalizations	5-Year Average
Week 43	0	0.6
Week 44	0	1.2
Week 45	1	0.8
Week 46	1	2.2
Week 47	3	8
Week 48	10	12.2
Week 49	4	17.6
Week 50	5	29.6
Week 51	2	35.4
Week 52	3	41.0
Week 1	0	40.2
Week 2	2	33.8
Week 3	1	26.0
<b>Total</b>	<b>33</b>	<b>249.4</b>

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 were not any influenza-associated hospitalizations keeping the season total at 33.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 1/27/2022. 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 91 deaths this week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is three-fold over the *very high* threshold this week. This is likely because of COVID-19 deaths that had pneumonia complications. 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 1/27/2022. 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.