

Week 19 Highlights

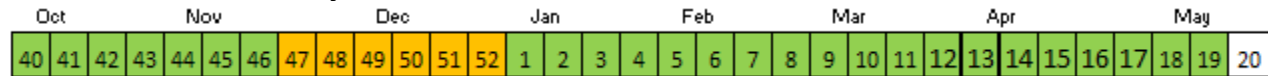
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- For the 18th consecutive week, flu activity remains *Low*
- 5.1% of the 295 deaths reported were due to pneumonia. 1 influenza death were reported this week and there have been 7 influenza deaths so far this season.
- 7 confirmed cases of influenza-associated hospitalization were reported this week. 143 hospitalizations due to the flu were reported this season
- 1.81% 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



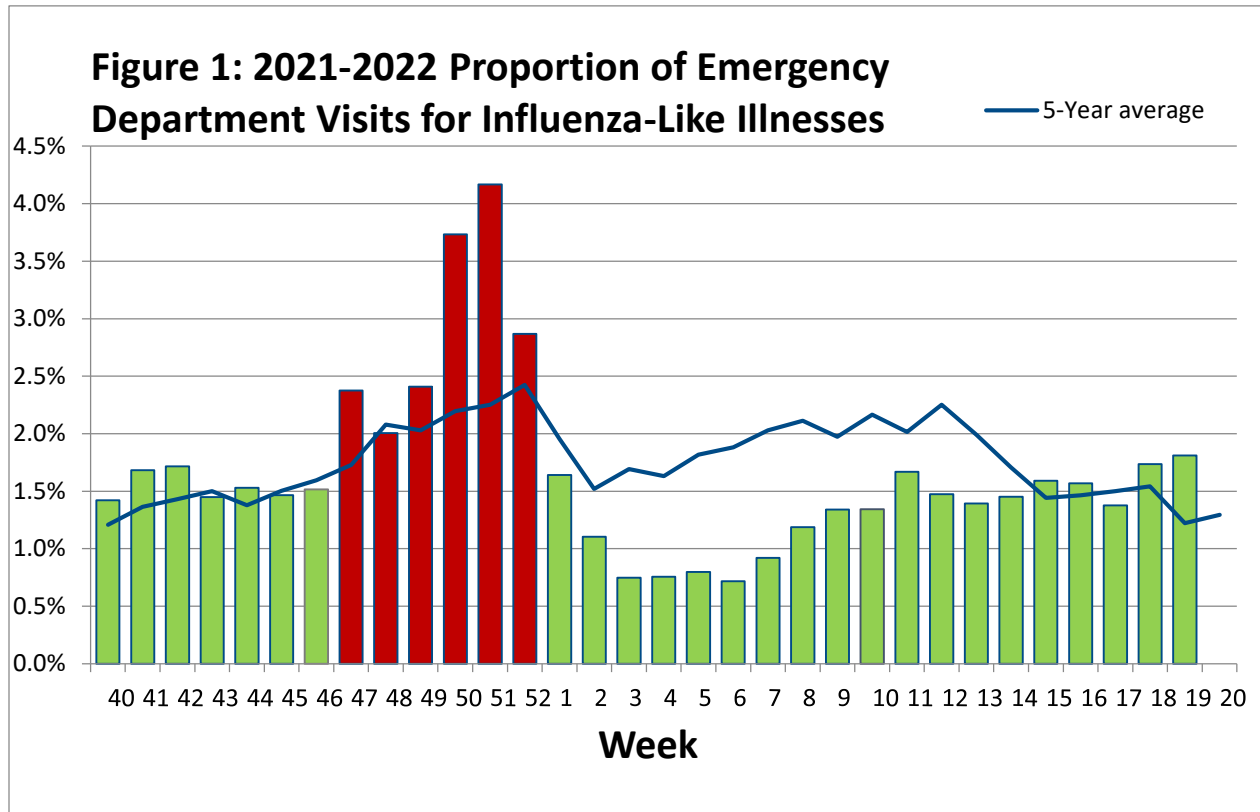
Seasonal Flu Intensity



Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	117 (1.81%)	+0.08%	3,139 (1.74%)
Confirmed Influenza Hospitalizations [‡]	7	-8	
Pneumonia- & Influenza-Related Deaths	16 (5.1%)	+0.17%	1,263 (11.1%)

*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 above to the 5-year average for MMWR Week 19. 50% of visits were male. Regarding race and ethnicity, 41% of visits were Black or African American individuals; 18% were among White individuals; and 41% of visits were among other racial groups 32% 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 5/18/2022.
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

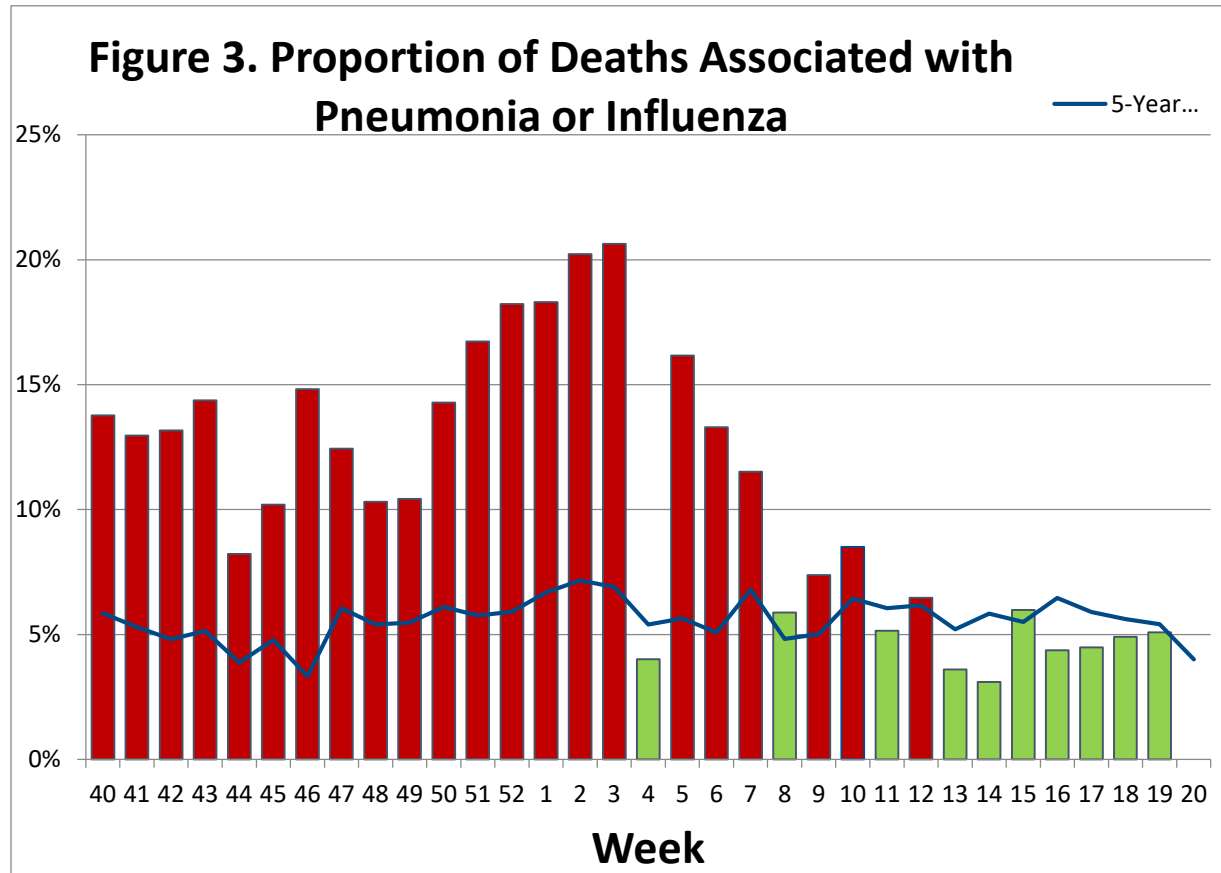
MMWR	Hospitalizations	5-Year Average
Week 6	3	29.4
Week 7	2	30.0
Week 8	1	29.2
Week 9	0	28.2
Week 10	3	33.2
Week 11	12	31.8
Week 12	12	34
Week 13	9	34.8
Week 14	12	30.6
Week 15	3	17.4
Week 16	9	10.6
Week 17	17	5.4
Week 18	15	5.8
Week 19	7	2.8
Season Total	143	620.4

The number of hospitalizations for influenza this week is higher than expected for this point of the flu season, but still below the *low* threshold. Influenza A is the predominant strain, which was observed among all of cases this week. This week there were 7 influenza-associated hospitalizations which brings the season total to 143.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 5/19/2022. 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% <

There have been 16 deaths this week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is under the *low* threshold this week. This week, the data shows there was one 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 5/18/2022. 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.