

Week 6 Highlights

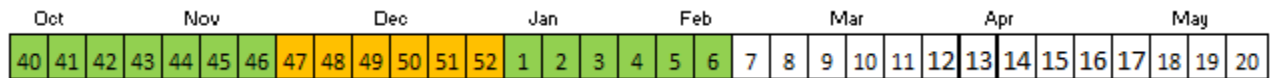
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- For the fifth consecutive week, flu activity remains “Low”
- 13.3% of the 421 deaths reported were due to pneumonia. No influenza deaths were reported this week and there have been 1 influenza death so far this season.
- 3 confirmed cases of influenza-associated hospitalization were reported this week. 41 hospitalizations due to the flu were reported this season
- 0.72% 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



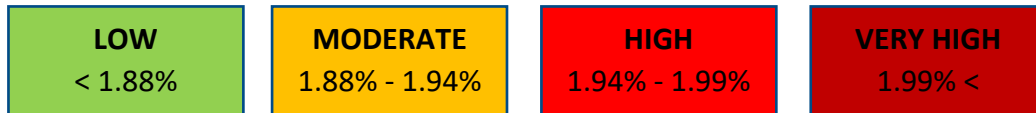
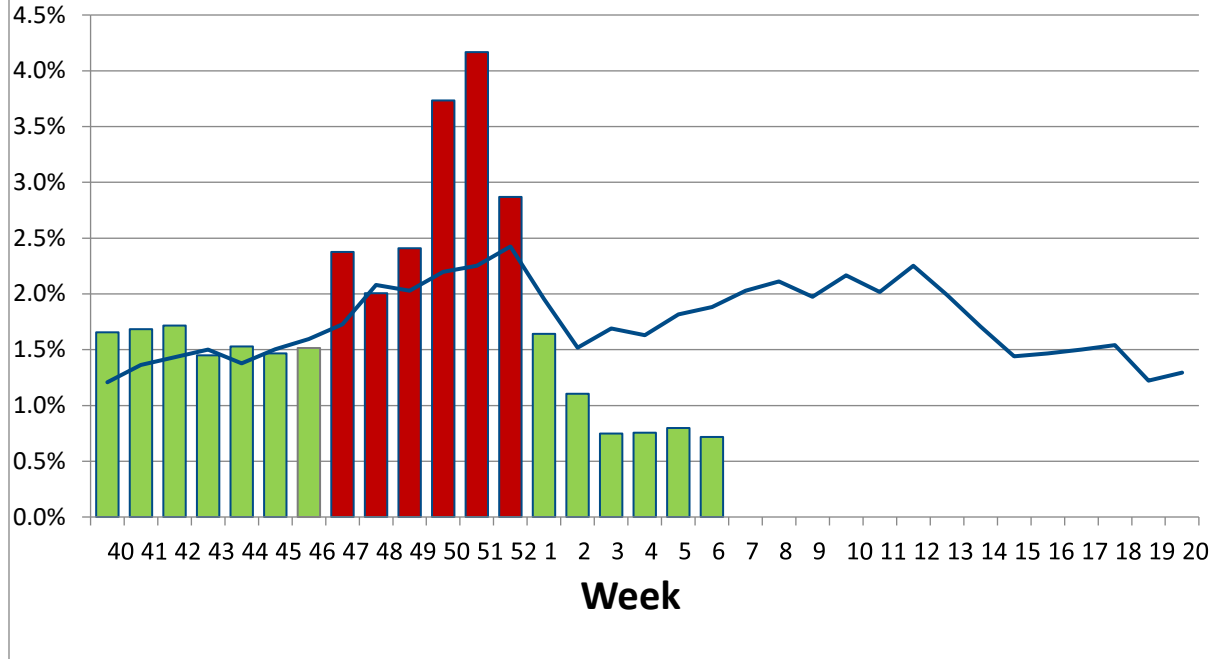
Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	33 (0.72%)	-0.08%	2,041 (1.92%)
Confirmed Influenza Hospitalizations [‡]	3	+1	41
Pneumonia- & Influenza-Related Deaths	56 (13.3%)	-2.9%	1,019 (13.8%)

*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

Figure 1: 2021-2022 Proportion of Emergency Department Visits for 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 64% of visits were among males. Regarding race and ethnicity, 55% of visits were Black or African American individuals; 27% were among White individuals; and 18% of visits were among other racial groups. Nearly a quarter (24%) of visits were among Hispanic or Latin individuals. The median age this week is 6

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 2/17/2022.

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

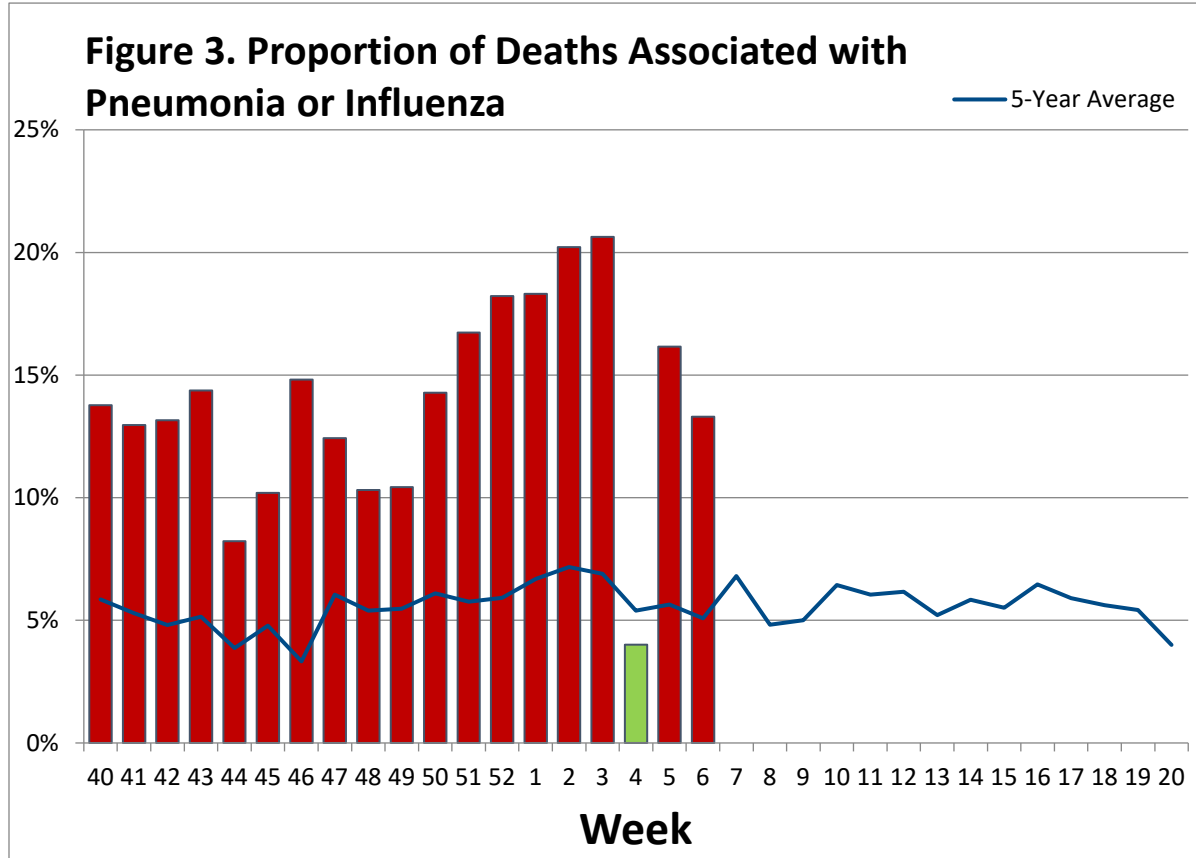
MMWR	Hospitalizations	5-Year Average
Week 46	1	2.2
Week 47	3	8
Week 48	10	12.2
Week 49	4	17.6
Week 50	5	29.6
Week 51	2	35.4
Week 52	3	41.0
Week 1	0	40.2
Week 2	2	33.8
Week 3	1	26.0
Week 4	3	24.2
Week 5	2	23.6
Week 6	3	29.4
Total	41	326.6

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, all three of the hospitalizations were among White or Caucasian residents. Two of the hospitalizations were among males and one hospitalization for a female. The average age of cases this week was 56 years of age.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 2/17/2022. 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 56 deaths this week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is 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 2/17/2022. 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.