

Week 5 Highlights

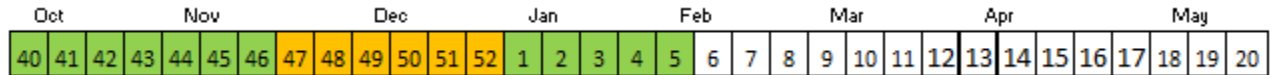
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- For the fifth consecutive week, flu activity remains “Low”
- 16.2% of the 396 deaths reported were due to pneumonia. No influenza deaths were reported this week and there have been 2 influenza deaths so far this season.
- 2 confirmed cases of influenza-associated hospitalization were reported this week. 38 hospitalizations due to the flu were reported this season
- 0.80% 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



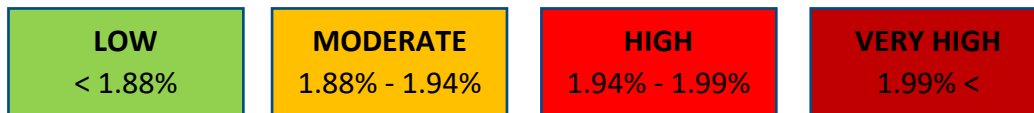
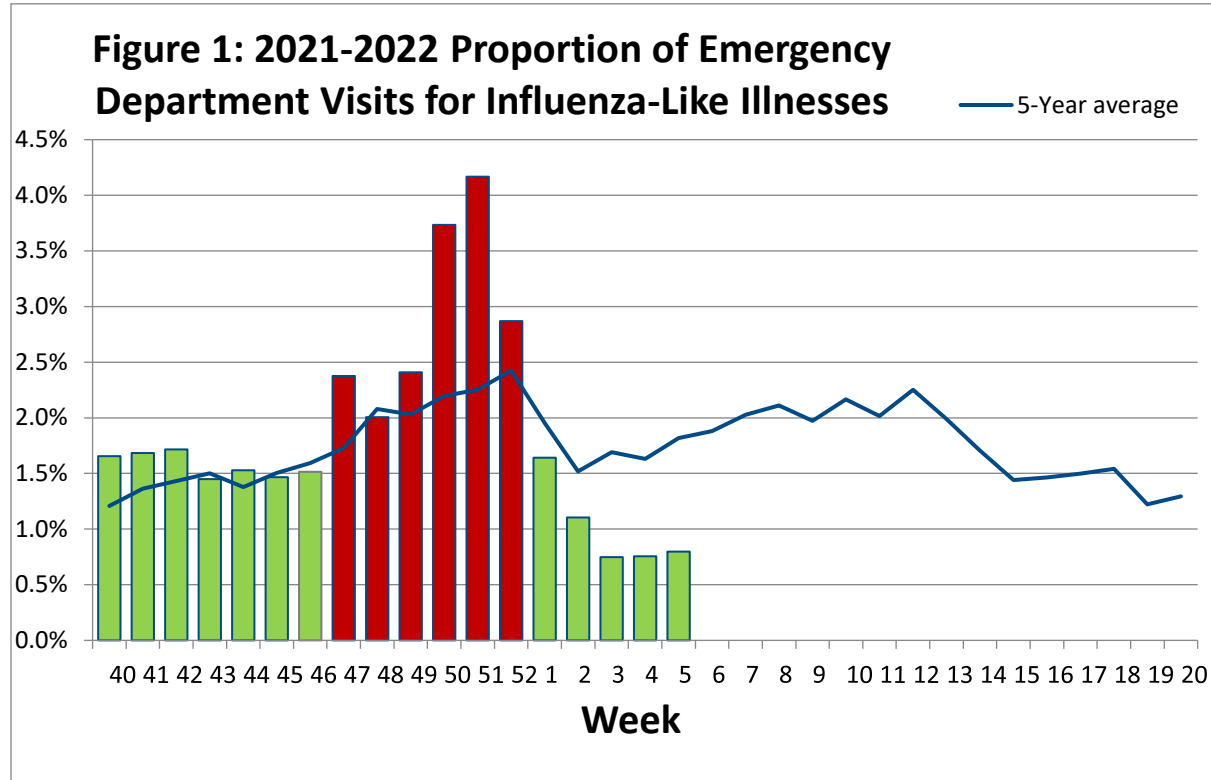
Seasonal Flu Intensity



Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	31 (0.80%)	-	2,008 (1.98%)
Confirmed Influenza Hospitalizations [‡]	2	-1	38
Pneumonia- & Influenza-Related Deaths	64 (16.2%)	+12.2%	963 (13.9%)

*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 47% of visits were among males. Regarding race and ethnicity, 33% of visits were Black or African American individuals; 38% were among White individuals; and 29% of visits were among other racial groups. 13% of visits were among Hispanic or Latin individuals. The median age this week is 16.5 years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 2/10/2022.

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

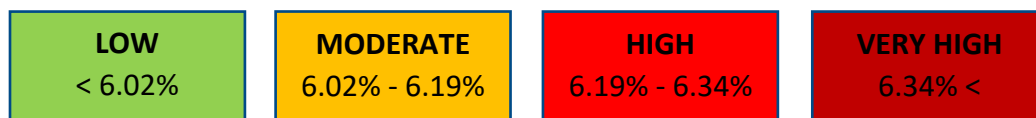
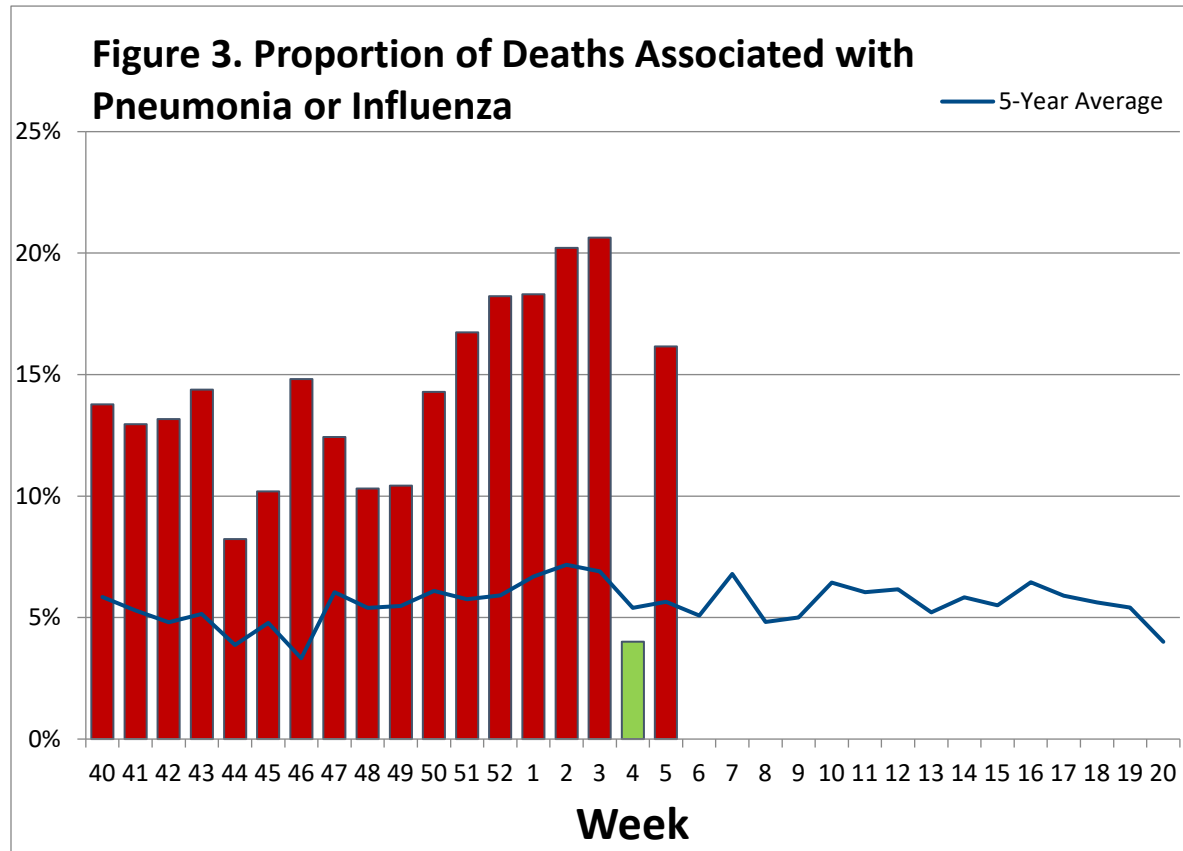
MMWR	Hospitalizations	5-Year Average
Week 45	1	0.8
Week 46	1	2.2
Week 47	3	8
Week 48	10	12.2
Week 49	4	17.6
Week 50	5	29.6
Week 51	2	35.4
Week 52	3	41.0
Week 1	0	40.2
Week 2	2	33.8
Week 3	1	26.0
Week 4	3	24.2
Week 5	2	23.6
Total	38	297.2

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 2 influenza-associated hospitalizations keeping the season total at 38.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 2/10/2022. 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*



There have been 64 deaths this week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is two-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 2/10/2022. 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.