

Week 41 Highlights

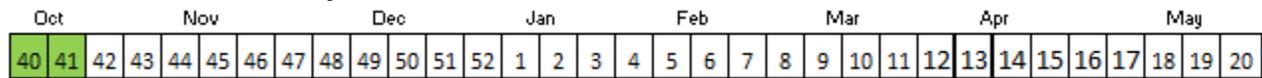
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is classified as “Low”
- 5.17% of the 290 deaths reported were due to pneumonia. No influenza deaths were reported this week and there have been no influenza deaths so far this season.
- There were not any confirmed cases of influenza-associated hospitalization were reported this week.
- 2.43% of emergency department visits were for flu-like illness

Flu Intensity



Seasonal Flu Intensity

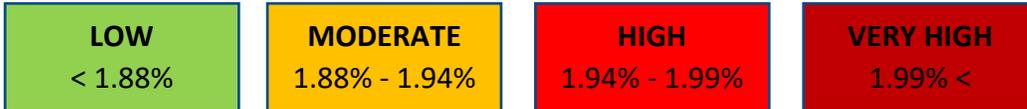


Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	133 (2.43%)	-14	279 (2.56%)
Confirmed Influenza Hospitalizations [‡]	0	0	0
Pneumonia- & Influenza-Related Deaths	15 (5.17%)	+6	24 (4.15%)

*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

Date	Emergency Department visits for flu-like illness	Total Visits	Percentage
10/9/2022	25	693	3.61%
10/10/2022	13	868	1.50%
10/11/2022	22	880	2.50%
10/12/2022	14	791	1.77%
10/13/2022	24	836	2.87%
10/14/2022	16	767	2.09%
10/15/2022	19	648	2.93%
Total	133	5,483	2.43%



The proportion of Emergency Room visits for influenza-like illnesses is above the *very high* threshold and lower than the 5-years average. This week 49% of visits were among males. Regarding race and ethnicity, 40% of visits were Black or African American individuals; 20% were among White individuals; and 40% of visits were among other racial groups. A little over a quarter (26%) of visits were among Hispanic or Latin individuals. The median age this week is four years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 10/20/2022.

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

Date	Hospitalizations	5-Year Average
10/9/2022	0	0.2
10/10/2022	0	0.2
10/11/2022	0	0.2
10/12/2022	0	0.2
10/13/2022	0	0.2
10/14/2022	0	0.2
10/15/2022	0	0.2
Total	0	0.2

There was not an influenza-associated hospitalization (IAH) this reporting week. Since the end of the 2021-2022 flu season there has been one IAH, which was during the last week of September. However, on average over the past 5 years the number of IAH during the first 6 weeks of flu season have remained below 10 each week.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 10/20/2022. 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*

October 9th – October 15th, 2022			
Age	Pneumonia Deaths	Influenza Deaths	Total Deaths
Unknown	0	0	0
Under 1 year	0	0	1
1-14 years	0	0	1
15-24 years	0	0	0
25-44 years	0	0	14
45-64 years	2	0	46
65-74 years	5	0	76
75 years and older	8	0	152
Total	15	0	290 (5.17%)

LOW
< 6.02%

MODERATE
6.02% - 6.19%

HIGH
6.19% - 6.34%

VERY HIGH
6.34% <

There have been 15 deaths this season 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 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 10/20/2021. Data are preliminary and subject to change as more information is gained.

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