

Week 41 Highlights

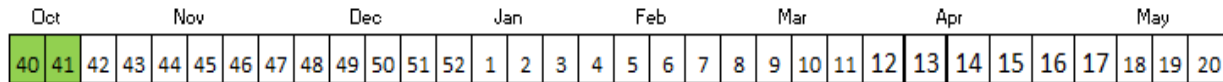
The weekly Influenza Watch summarizes the flu surveillance in the City of Cleveland. The metrics in this report include the number and percentage of emergency department visits for influenza-like illness, confirmed hospitalizations for the flu, and the deaths each week due to pneumonia and influenza.

- This week, flu activity is classified as “Low”
- 3.31% of the 302 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 reported this week.
- 1.33% of emergency department visits were for flu-like illness

Flu Intensity: Low



Seasonal Flu Intensity



COVID-19 & Influenza (Flu) Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-Like Illnesses	55 (1.33%)	-0.20%	120 (1.43%)
Confirmed Influenza Hospitalizations [‡]	0	-	0
Confirmed COVID-19 Hospitalizations	8	+4	12
Pneumonia- & Influenza-Related Deaths	10 (3.31%)	-0.09%	10 (3.36%)

*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
10/8/2023	10	548	1.82%
10/9/2023	10	667	1.50%
10/10/2023	7	605	1.16%
10/11/2023	7	630	1.11%
10/12/2023	7	605	1.16%
10/13/2023	7	577	1.21%
10/14/2023	7	493	1.42%
Total	55	4125	1.33%

LOW
< 1.88%

MODERATE
1.88% - 1.94%

HIGH
1.94% - 1.99%

VERY HIGH
1.99% <

The proportion of Emergency Room visits for influenza-like illnesses is under the low threshold and lower than the 5-years average. This week 55% of visits were among males. Regarding race and ethnicity, 25% of visits were Black or African American individuals; 24% were among White individuals; and 42% of visits were among other racial groups. A third (33%) of visits were among Hispanic or Latin individuals. The median age this week is five years.

Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 10/19/2023.

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 or COVID-19-Associated Hospitalizations

Date	Hospitalizations		5-year average of Influenza Hospitalizations
	Influenza	COVID-19	
10/8/2023	0	1	-
10/9/2023	0	1	-
10/10/2023	0	2	-
10/11/2023	0	1	-
10/12/2023	0	2	-
10/13/2023	0	1	-
10/14/2023	0	0	-
Total	0	8	0.2

There were not an influenza-associated hospitalization (IAH) this reporting week. Since the end of the 2022-2023 flu season there has been three influenza-associated hospitalizations; the last of which was during the last week of September. All three of these hospitalizations have been among Cleveland residents under 65 years of age. COVID-19 has accounted for more hospitalizations so far this fall. Weekly COVID-19 hospitalizations have decreased each week during the month of September and there were eight during this reporting week; most of which were among Cleveland residents over 55 years of age.

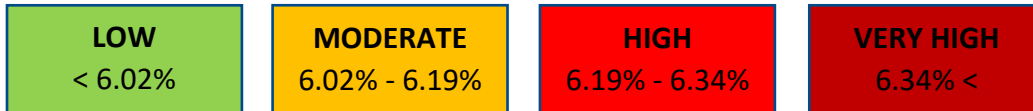
Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 10/19/2023. Data are preliminary and subject to change as more information is gained.

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 8th – October 14th, 2023

Age	Pneumonia Deaths	Influenza Deaths	COVID-19 Deaths	Total Deaths
Unknown	0	0	0	0
Under 1 year	0	0	0	0
1-14 years	0	0	0	2
15-24 years	0	0	0	7
25-44 years	1	0	0	16
45-64 years	2	0	0	56
65-74 years	4	0	0	73
75 years and older	3	0	0	148
Total	10	0	0	302 (3.31%)



There have been 10 deaths this reporting 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 not an influenza or COVID-19-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 10/19/2023. Data are preliminary and subject to change as more information is gained.

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