



## Week 41 Highlights

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

- This week, flu activity is classified as “Low”
- 1.64% of emergency department visits were for flu-like illness
- There was one confirmed case of an influenza-associated hospitalization reported this week. This is the first influenza associated hospitalization so far this season
- 5.23% of deaths reported were due to pneumonia. One influenza death was reported this week; this is the first influenza death of this season

### Flu Intensity: Low

Influenza & COVID-19 Intensity Indicators	This Week n (%)	Activity Compared to Last Week	Season Total n (%)
Emergency Department visits for Influenza-like Illnesses	80 (1.64%)	-	151 (1.54%)
Confirmed Influenza Hospitalizations	1	+1	1
Pneumonia- & Influenza-related Deaths	16 (5.23%)	-	31 (5.35%)

*\*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 (ILI)

Percentage of Emergency Department visits for ILI by Week, 2024-2025

Date	Visits for Flu-like Illness	Total Visits	Percentage
10/6/2024	13	642	2.02%
10/7/2024	8	744	1.08%
10/8/2024	14	759	1.84%
10/9/2024	9	723	1.24%
10/10/2024	14	684	2.05%
10/11/2024	12	700	1.71%
10/12/2024	10	618	1.62%

The proportion of Emergency Room visits for influenza-like illnesses is below the low threshold and comparable to the 5-years average. This week, 49% of the visits were among males. Regarding race and ethnicity, 44% of visits were Black or African American individuals; 33% were among White individuals; and 24% of visits were among other racial groups. A little less than third (31%) of visits were among Hispanic or Latin individuals. The median age this week is 14 years.

*\*Data Source: Health Monitoring Systems: EpiCenter 3.5.18. Data extracted on 10/16/2024.*

*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 Hospitalizations

Number of Flu Hospitalizations by Week, 2024-2025

Date	Hospitalizations	5-year average of Influenza Hospitalizations
10/6/2024	0	0.0
10/7/2024	0	0.0
10/8/2024	0	0.0
10/9/2024	0	0.0
10/10/2024	0	0.0
10/11/2024	0	0.0
10/12/2024	1	0.0

There was one influenza-associated hospitalization (IAH) this reporting week. Since the end of the 2023-2024 flu season there have six influenza-associated hospitalizations; the last of which was approximately a week ago. These hospitalizations have been among residents between 3-69 years of age.

*\*Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 10/17/2024. 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\*

Percentage of Deaths due to Pneumonia or Influenza by Week, 2024-2025

Age	Pneumonia	Influenza	Total Deaths
Under 1 year	0	0	4
1-14 years	0	0	0
15-24 years	0	0	2
25-44 years	0	0	12
45-64 years	1	0	53
65-74 years	3	0	60
75 years and older	11	1	175
Unknown	0	0	0

There have been 16 deaths this reporting week due to pneumonia or influenza-related illnesses (P&I). The proportion of P&I deaths is in the low threshold this week. This week, the data shows there was one influenza-associated death. All of the P&I deaths that occurred this week were among individuals between 45-74 years old.

*\*Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 10/16/2024. Data are preliminary and subject to change as more information is gained.*

*\*Deaths represent all deaths for Cuyahoga County. All other data presented are City of Cleveland-specific.*

*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.*