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 “Low”.
- 1.53% of emergency department visits were for flu-like illness.
- There were four confirmed cases of influenza-associated hospitalizations (IAH) that were reported this week. 462 hospitalizations due to the influenza have occurred so far this season.
- 5.60% of the deaths reported this week were due to pneumonia. There were four influenza death reported this week and 13 influenza deaths so far this season.
- Influenza A is the predominant strain. This year’s vaccine is a good match for the circulating strain of Influenza A.

### Flu Intensity

- Low

### Seasonal Flu Intensity

<table>
<thead>
<tr>
<th></th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Department Visits for Influenza-Like Illnesses</td>
<td>40</td>
<td>41</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>47</td>
<td>48</td>
</tr>
<tr>
<td>Confirmed Influenza Hospitalizations</td>
<td>40</td>
<td>41</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>47</td>
<td>48</td>
</tr>
</tbody>
</table>

### Influenza (Flu) Intensity Indicators

<table>
<thead>
<tr>
<th>Indicator</th>
<th>This Week n (%)</th>
<th>Activity Compared to Last Week</th>
<th>Season Total n (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Department Visits for Influenza-Like Illnesses</td>
<td>75 (1.53%)</td>
<td>+0.15%</td>
<td>2,426 (2.86%)</td>
</tr>
<tr>
<td>Confirmed Influenza Hospitalizations</td>
<td>4</td>
<td>-7</td>
<td>462</td>
</tr>
<tr>
<td>Pneumonia- &amp; Influenza-Related Deaths</td>
<td>21 (6.05%)</td>
<td>-5</td>
<td>266 (5.60%)</td>
</tr>
</tbody>
</table>

*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.
The proportion of emergency department visits this week for influenza-like illnesses is below the low threshold and lower than the 5-year average. This week 52% of visits were among males. Among those who made an emergency department visits for flu-like illness; 45% of visits were Black or African American individuals, 20% were among White individuals and 35% of visits were among other racial groups. 25% of visits were among Hispanic or Latin individuals. The median age this week is 8 years.

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

Figure 2. 2022-2023 Confirmed Influenza-Associated Hospitalizations

There were four influenza-associated hospitalizations (IAH) this reporting week. This is a low number of influenza-associated hospitalizations and lower than what we have seen at this point in previous flu seasons. All of influenza-associated hospitalizations this week were among Cleveland residents age 50 years and older. There have been 462 influenza-associated hospitalizations so far this season.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 1/26/2023. 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.
There have been 21 deaths this week due to pneumonia or influenza-related illnesses (P&I), which was 6.05% of all deaths during that week. This is a moderate percentage of deaths due to pneumonia or influenza, and an elevated death count. This week, the data shows there were four influenza specific-related deaths bringing the season total to 13. The proportion of P&I deaths is at the moderate threshold this week. Most of the P&I deaths this reporting week were among residents 45 years and older; however, there was one pediatric pneumonia associated death.

Data Source: Cleveland Department of Public Health Department of Vital Statistics. Data compiled on 1/23/2023. 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.