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 19th consecutive week, flu activity remains Low.
- 5.1% of the xxx deaths reported were due to pneumonia. 2 influenza death were reported this week and there have been 9 influenza deaths so far this season.
- 9 confirmed cases of influenza-associated hospitalization were reported this week. 152 hospitalizations due to the flu were reported this season.
- 1.79% 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**

<table>
<thead>
<tr>
<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>40</td>
<td>41</td>
<td>42</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>47</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Influenza (Flu) Intensity Indicators</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>118 (1.79%)</td>
<td>-0.02%</td>
<td>3,257 (1.74%)</td>
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<tr>
<td>Confirmed Influenza Hospitalizations*</td>
<td>9</td>
<td>+2</td>
<td>152</td>
</tr>
<tr>
<td>Pneumonia- &amp; Influenza-Related Deaths</td>
<td>14 (5.1%)</td>
<td>-0.27%</td>
<td>1,278 (11.0%)</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 Room visits this reporting week for influenza-like illnesses remains under the low threshold and above the 5-year average for MMWR Week 20. 44% of visits were male. Regarding race and ethnicity, 31% of visits were Black or African American individuals; 31% were among White individuals; and 38% of visits were among other racial groups. 24% of visits were among Hispanic or Latin individuals. The median age this week is 6 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.
The number of hospitalizations for influenza this week is higher than expected for this point of the flu season, but still below the low threshold. Influenza A is the predominant strain, which was observed among all of cases this week. This week there were 9 influenza-associated hospitalizations which brings the season total to 152.

Data Source: Ohio Department of Health: Ohio Disease Reporting System. Data extracted on 5/26/2022. 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.
There have been 16 deaths this 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 were 2 influenza specific-related deaths. 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 5/25/2022. 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.