The purpose of the weekly *Influenza Watch* is to summarize current influenza surveillance in the City of Cleveland. *Please note that reported weekly data are preliminary and may change due to delayed submissions and additional laboratory results.*

**Current Week (ending 05/18/2019)**

- This is the final week of the 2018-2019 flu season
- 0 new influenza diagnoses reported this week
- Influenza-like-illness (ILI) among emergency department visits: *Minimal*
- 0 influenza-associated pediatric mortality reported this week

**Virus Characteristics**

- **533 Total Cases**
- **1 Outbreak**
- **1 Death**

*Refers to a Influenza-associated Pediatric Mortality

**Previous Week (ending 05/11/2019)**

- 3 new influenza diagnoses reported this week
- Influenza-like-illness (ILI) among emergency department visits: *Minimal*
- 0 influenza-associated pediatric mortality reported this week
- 33% of influenza hospitalizations are male, 66% female.
Influenza Activity in Ohio and City of Cleveland

Influenza activity was classified as “regional” throughout Ohio during Week 20 (ending 05/18/2019). Through Week 20 of this influenza season, Ohio Department of Health (ODH) reported four (4) pediatric influenza-associated mortalities among patients under age 18 years. Public health surveillance data sources indicate minimal intensity for influenza-like illness (ILI) in outpatient settings reported by Ohio’s sentinel providers. Ohio Department of Health has reported an additional 31 influenza-associated hospitalizations this week, bringing the season (2018-2019) total to 9865 influenza-associated hospitalizations. State, Regional and National data is provided by the Ohio Department of Health, ODH Influenza Activity Summary MMWR 20.

In the City of Cleveland activity decreased from Week 19 (ending 05/11/2019). As of May 18, 2019, the 2018-2019 flu season has concluded. Flu surveillance will resume for the 2019-2020 flu season will resume on October 5, 2019.

<table>
<thead>
<tr>
<th>Positive Test Type/Subtype</th>
<th>Week 20</th>
<th>Total To-Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza A†</td>
<td>0</td>
<td>436</td>
</tr>
<tr>
<td>Influenza A (H1N1) Pandemic 2009</td>
<td>0</td>
<td>44</td>
</tr>
<tr>
<td>Influenza A (H3) Seasonal</td>
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<td>21</td>
</tr>
<tr>
<td>Influenza B†</td>
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<td>30</td>
</tr>
<tr>
<td>Influenza B/Victoria</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Influenza B/Yamagata</td>
<td>0</td>
<td>2</td>
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<tr>
<td>Influenza A/B†</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Influenza Subtype Unknown</td>
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<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>0</td>
<td><strong>533</strong></td>
</tr>
</tbody>
</table>

*Data from CDC Week 40 to Week 15.
†No further characterization performed.
Note: Totals may change due to further laboratory findings.
Figure 1: Number of Emergency Department Visits for Influenza-like Illness in Week 20

Figure 2: 2018-2019 Number of Emergency Department Influenza-like Illness Visits
Figure 3: 2018-2019 Confirmed Influenza-Associated Hospitalizations by CDC Week for City of Cleveland

Figure 4: 2018-2019 Age Distribution of Influenza-associated Hospitalizations in City of Cleveland

- Infant: 0-2 years old
- Preschool: 3-5 years old
- Child: 6-12 years old
- Adolescent: 13-17 years old
- Adult: 18-64 years old
- 65 years and older

<table>
<thead>
<tr>
<th>Infant</th>
<th>Preschool</th>
<th>Child</th>
<th>Adolescent</th>
<th>Adult</th>
<th>65 years and older</th>
</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td>13</td>
<td>16</td>
<td>8</td>
<td>298</td>
<td>160</td>
</tr>
</tbody>
</table>
Influenza Reporting in the City of Cleveland

Local providers are encouraged to report laboratory positive influenza detections to Katie Romig, Chief Epidemiologist by FAX 216-664-6159. Please fax a Case Report Form and/or a printed laboratory result, and indicate if the patient was admitted to the hospital, and/or is a resident of a congregate living facility.

For questions regarding the influenza watch summary please call Katie Romig at 216-420-7743 or email to: kromig@city.cleveland.oh.us

Resources

Ohio Department of Health Influenza
City of Cleveland Department of Public Health Flu Reports
Center for Disease Control and Prevention Influenza Surveillance Weekly Report

Source/Reference: San Diego County Influenza Watch