ILI Outbreaks
Maine Surveillance Report | 2017-2018

Influenza-like illness (ILI):

- Fever of $\geq 100^\circ F$
- AND
- Cough or Sore throat

Geography:

Facilities with
multiple outbreaks

<table>
<thead>
<tr>
<th>Year</th>
<th>Outbreaks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>40</td>
</tr>
<tr>
<td>2014-15</td>
<td>212</td>
</tr>
<tr>
<td>2015-16</td>
<td>55</td>
</tr>
<tr>
<td>2016-17</td>
<td>100</td>
</tr>
<tr>
<td>2017-18</td>
<td>70</td>
</tr>
</tbody>
</table>

Outbreak Information:

142 ILI outbreaks

H3N2 Predominate influenza strain of the season

Outbreak Characteristics:

- 63% resulted in $\geq 1$ hospitalizations
- 10.5% resulted in $\geq 1$ death

Facility Type:

- Long-term care: 82%
- Acute care: 10.5%
- K-12 school: 7%
- University: 5%
- Institution: 3%
- Other: 0.5%

ILI Outbreak Criteria:

- Long-term care: Two or more residents ill within 72 hours of each other
- Acute care: One or more patients with laboratory confirmed influenza with symptom onset $\geq 48$ hrs post-admission
- School or daycare: $\geq 15\%$ absenteeism where the majority of those absent report ILI symptoms
- Other settings: A sudden increase of ILI over the normal background rate

Influenza virus identified during outbreak:

- 109 influenza A untyped
- 14 influenza B
- 5 influenza A H3
- 3 influenza A pH1N1
- 2 influenza A + influenza B
- 1 influenza untyped

Laboratory information available for 136 outbreaks

For more information visit:

www.maineflu.gov
www.cdc.gov/flu
Long-term care facilities:

96 LTC facilities with at least one outbreaks
3.6 Average days until outbreak identified by Maine CDC

<table>
<thead>
<tr>
<th></th>
<th>Average</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population Size</td>
<td>63</td>
<td>4</td>
<td>212</td>
</tr>
<tr>
<td>Attack Rate</td>
<td>17%</td>
<td>2%</td>
<td>100%</td>
</tr>
<tr>
<td>Resident Vaccination rate*</td>
<td>90.3%</td>
<td>50%</td>
<td>100%</td>
</tr>
<tr>
<td>Staff Vaccination rate*</td>
<td>80%</td>
<td>15%</td>
<td>100%</td>
</tr>
</tbody>
</table>

*Vaccination rates not available for all facilities

Outbreaks by week:

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2017-18 MMWR Week
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“No Flu 4 You” prevention guidelines:

- Wash your hands
- Cover your cough
- Stay at home when you're sick
- Get vaccinated

For more information visit:

www.maine.flu.gov
www.cdc.gov/flu

All suspected ILI outbreaks must be reported to Maine CDC by calling 1-800-821-5821