Geographic Spread

South Carolina reported sporadic activity this week.

Influenza-Associated Hospitalizations and Deaths

A total of 14 influenza-associated hospitalizations were reported by 25 hospitals. The cumulative hospitalization rate is 90.4 per 100,000. There were 0 laboratory-confirmed influenza-associated deaths reported. The cumulative mortality rate is 5.5 per 100,000. Compared to the previous week, the number of reported hospitalizations decreased by 1 (6.7%) and number of reported deaths remained the same. In the current flu season, there have been 4,487 influenza-associated hospitalizations and 271 influenza-associated deaths reported.

Virologic Surveillance

A total of 112 influenza cases (112 positive rapid antigen detection tests; 0 lab-confirmed tests) were reported from 17 counties representing all four DHEC Public Health regions. Influenza B was most frequently reported by clinical labs. Compared to the previous week, this is a decrease of 88 cases (44.0%). In the current flu season, there have been 135,093 influenza cases (131,544 positive rapid antigen detection tests; 3,549 lab-confirmed tests) reported.

Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was 1.09%, which is below South Carolina’s baseline (3.13%). Compared to the previous week, this is an increase of 0.30%.

The ILI activity level was minimal.

For a description of South Carolina’s influenza surveillance components and definitions go to: http://www.scdhec.gov/Health/DiseasesandConditions/InfectiousDiseases/Flu/FluData/

For national surveillance, please visit: https://www.cdc.gov/flu/weekly/
This week, 0 lab-confirmed cases and 112 positive rapid influenza detection tests were reported by clinical labs.

**Influenza B** was most frequently reported by clinical labs.
Weekly Influenza Case Rate per 100K

0 to 25 persons

26 to 50 persons

51 to 75 persons

Greater than 75 persons

*Includes all lab-confirmed and positive rapid cases

Flu Watch   MMWR Week 20   May 13 – May 19, 2018
This week, the ILI activity level was **minimal** and 1.09% of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, 3.13%.

Reports were received from providers in 10 counties, representing all 4 DHEC Public Health regions.

**ILI percentage is dependent upon the number of reporting providers and/or can vary by disease activity or the number of providers submitting reports.**

ILI ACTIVITY LEVELS: **MINIMAL LOW MODERATE HIGH**

No color fill indicates either no reporting or does not participate.
## Influenza-Associated Hospitalizations and Deaths

### Influenza-Associated Hospitalizations and Deaths

<table>
<thead>
<tr>
<th>Age Group</th>
<th>This Week</th>
<th>Rate per 100,000</th>
<th>Season Total</th>
<th>This Week</th>
<th>Rate per 100,000</th>
<th>Season Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 4</td>
<td>2</td>
<td>54.2</td>
<td>159</td>
<td>1</td>
<td>1.0</td>
<td>3</td>
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<tr>
<td>5 to 17</td>
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<td>17.5</td>
<td>141</td>
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<td>18 to 49</td>
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<td>1.3</td>
<td>1.3</td>
<td>27</td>
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<tr>
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<td>4.9</td>
<td>45</td>
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<td>65 &amp; older</td>
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<td>2551</td>
<td>31.0</td>
<td>31.0</td>
<td>196</td>
</tr>
<tr>
<td>Total</td>
<td>14</td>
<td>90.4</td>
<td>4487</td>
<td>5.5</td>
<td>5.5</td>
<td>271</td>
</tr>
</tbody>
</table>

The percentage of deaths attributed to pneumonia and influenza was 5.9%. This is below the epidemic threshold for the week ending April 28, 2018.