**Geographic Spread**

South Carolina reported **sporadic activity** this week.

**Influenza-Associated Hospitalizations and Deaths**

A total of **5** influenza-associated hospitalizations were reported by **21** hospitals. The cumulative hospitalization rate is **90.6** per 100,000. There was **0** laboratory-confirmed influenza-associated death reported this week. The cumulative mortality rate is **5.5** per 100,000. Compared to the previous week, the number of reported hospitalizations **increased** by **2 (66.7%)** and number of reported deaths **remained the same**. In the current flu season, there have been **4,497** influenza-associated hospitalizations and **272** influenza-associated deaths reported.

**Virologic Surveillance**

A total of **55** influenza cases (**52** positive rapid antigen detection tests; **3** lab-confirmed tests) were reported from **13** 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 **51** cases (**48.1%**). In the current flu season, there have been **135,289** influenza cases (**131,724** positive rapid antigen detection tests; **3,565** lab-confirmed tests) reported.

**Influenza-Like Illness Surveillance**

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **0.85%**, which is **below** South Carolina’s baseline (**3.13%**). Compared to the previous week, this is a **decrease** of **0.04%**. 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/](http://www.scdhec.gov/Health/DiseasesandConditions/InfectiousDiseases/Flu/FluData/)

For national surveillance, please visit: [https://www.cdc.gov/flu/weekly/](https://www.cdc.gov/flu/weekly/)
This week, 3 lab-confirmed cases and 52 positive rapid influenza detection tests were reported by clinical labs.

**Influenza B** was most frequently reported by clinical labs.
Virologic Surveillance

Map of Influenza Cases (n)* and Influenza Case Rate/100,000 By County For Week Ending 6/2/2018

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 22  May 27 – Jun 2, 2018
Influenza-Like Illness Surveillance

This week, the ILI activity level was **minimal** and 0.85% 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 6 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.**
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>0</td>
<td>54.2</td>
<td>159</td>
<td>--</td>
<td>1.0</td>
<td>3</td>
</tr>
<tr>
<td>5 to 17</td>
<td>0</td>
<td>17.5</td>
<td>141</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>18 to 49</td>
<td>0</td>
<td>29.2</td>
<td>584</td>
<td>--</td>
<td>1.3</td>
<td>27</td>
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<tr>
<td>50 to 64</td>
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<td>1054</td>
<td>--</td>
<td>5.0</td>
<td>46</td>
</tr>
<tr>
<td>65 &amp; older</td>
<td>3</td>
<td>405.0</td>
<td>2559</td>
<td>--</td>
<td>31.0</td>
<td>196</td>
</tr>
<tr>
<td>Total</td>
<td>5</td>
<td>90.6</td>
<td>4497</td>
<td>--</td>
<td>5.5</td>
<td>272</td>
</tr>
</tbody>
</table>

The percentage of deaths attributed to pneumonia and influenza was 4.3%. This is below the epidemic threshold for the week ending May 5, 2018.