**Geographic Spread**

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

**Influenza-Associated Hospitalizations and Deaths**

A total of **73** influenza-associated hospitalizations were reported by 43 hospitals. The cumulative hospitalization rate is **83.5** per 100,000. There were **20** laboratory-confirmed influenza-associated deaths reported; however, **16** deaths occurred in previous weeks. The cumulative mortality rate is **4.4** per 100,000. Compared to the previous week, the number of reported hospitalizations **decreased** by **9 (11.0%)** and number of reported deaths **decreased** by **6 (60.0%)**. In the current flu season, there have been **4,144** influenza-associated hospitalizations and **221** influenza-associated deaths reported.

**Virologic Surveillance**

A total of **1,501** influenza cases (**1,461** positive rapid antigen detection tests; **40** lab-confirmed tests) were reported from **35** 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 **1,109** cases (**42.5%**). In the current flu season, there have been **125,749** influenza cases (**122,565** positive rapid antigen detection tests; **3,184** lab-confirmed tests) reported.

**Influenza-Like Illness Surveillance**

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **3.86%**, which is **above** South Carolina’s baseline (**3.13%**). Compared to the previous week, this is a **decrease** of **1.53%**.

The ILI activity level was **high**.

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, 40 lab-confirmed cases and 1,461 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 3/10/2018

Weekly Influenza Case Rate per 100K

0 to 25 persons  Green
26 to 50 persons  Light Blue
51 to 75 persons  Light Gray
Greater than 75 persons  Blue

*Includes all lab-confirmed and positive rapid cases

Flu Watch  MMWR Week 10  March 4 – March 10, 2018
This week, the ILI activity level was **high** and 3.86% of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **above** the state baseline, 3.13%.

Reports were received from providers in 11 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

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Hospitalizations</th>
<th>Deaths</th>
<th>Rate per 100,000</th>
<th>Season Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>This Week</td>
<td>Rate per 100,000</td>
<td>This Week</td>
<td>Rate per 100,000</td>
<td>Season Total</td>
</tr>
<tr>
<td>0 to 4</td>
<td>1</td>
<td>--</td>
<td>1.0</td>
<td>3</td>
</tr>
<tr>
<td>5 to 17</td>
<td>5</td>
<td>--</td>
<td>26.7</td>
<td>534</td>
</tr>
<tr>
<td>18 to 49</td>
<td>7</td>
<td>1</td>
<td>2.6</td>
<td>24</td>
</tr>
<tr>
<td>50 to 64</td>
<td>24</td>
<td>3.9</td>
<td>105.2</td>
<td>958</td>
</tr>
<tr>
<td>65 &amp; older</td>
<td>36</td>
<td>25.0</td>
<td>377.3</td>
<td>2384</td>
</tr>
<tr>
<td>Total</td>
<td>73</td>
<td>4.4</td>
<td>83.5</td>
<td>4144</td>
</tr>
</tbody>
</table>

The percentage of deaths attributed to pneumonia and influenza was 11.1%. This is above the epidemic threshold for the week ending February 10, 2018.