Geographic Spread

South Carolina reported **regional activity** this week. This is the **fourth** consecutive week at regional activity.

Influenza-Associated Hospitalizations and Deaths

A total of **29** influenza-associated hospitalizations were reported by 45 hospitals. The cumulative hospitalization rate is **2.0** per 100,000. There were **0** laboratory-confirmed influenza-associated deaths reported. The cumulative mortality rate is **0.02** per 100,000. Compared to the previous week, the number of reported hospitalizations **increased** by 9 (45.0%). In the current flu season, there have been **101** influenza-associated hospitalizations and **1** influenza-associated death reported.

Virologic Surveillance

A total of **435** influenza cases (**417** positive rapid antigen detection tests; **18** lab-confirmed tests) were reported from 32 counties representing all four DHEC Public Health regions. Influenza A was most frequently reported by clinical labs. Compared to the previous week, this is an **increase** of 75 cases (21.0%). In the current flu season, there have been **1,889** influenza cases (1,837 positive rapid antigen detection tests; 52 lab-confirmed tests) reported.

Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **3.72%**, which is **above** South Carolina’s baseline (**3.13%**). Compared to the previous week, this is an **increase** of **1.10%**.

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, 18 lab-confirmed cases and 417 positive rapid influenza detection tests were reported by clinical labs.

Influenza A was most frequently reported by clinical labs while the state public health lab did not report any positive influenza results.
Virologic Surveillance

Weekly Influenza Case Rate/100,000 By County

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 47   November 19 – November 25, 2017
This week, the ILI activity level was **high** and **3.72%** 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 9 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.**

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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Week Rate per 100,000</td>
<td>Season Total</td>
</tr>
<tr>
<td>0 to 4</td>
<td>3</td>
<td>2.1</td>
</tr>
<tr>
<td>5 to 17</td>
<td>1</td>
<td>0.4</td>
</tr>
<tr>
<td>18 to 49</td>
<td>3</td>
<td>0.7</td>
</tr>
<tr>
<td>50 to 64</td>
<td>7</td>
<td>2.3</td>
</tr>
<tr>
<td>65 &amp; older</td>
<td>15</td>
<td>9.0</td>
</tr>
<tr>
<td>Total</td>
<td>29</td>
<td>2.0</td>
</tr>
</tbody>
</table>

The percentage of deaths attributed to pneumonia and influenza was 4.4%. This is below the epidemic threshold for the week ending November 4, 2017.