Flu Watch
MMWR Week 28: July 8 to July 14, 2018
All data are provisional and subject to change as more reports are received.

Geographic Spread

South Carolina reported no activity this week.

Influenza-Associated Hospitalizations and Deaths

This week 1 influenza-associated hospitalization was reported by 20 hospitals. The cumulative hospitalization rate is 90.9 per 100,000. There was 1 laboratory-confirmed influenza-associated death reported which occurred in a previous week. The cumulative mortality rate is 5.8 per 100,000. Compared to the previous week, the number of reported hospitalizations increased by 1 case and deaths remained the same. In the current flu season, there have been 4,509 influenza-associated hospitalizations and 290 influenza-associated deaths reported.

Virologic Surveillance

A total of 20 influenza cases (20 positive rapid antigen detection tests; 0 lab-confirmed tests) were reported from 8 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 2 cases (9.1%). In the current flu season, there have been 135,462 influenza cases (131,889 positive rapid antigen detection tests; 3,573 lab-confirmed tests) reported.

Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was 0.19%, which is below South Carolina’s baseline (3.13%). Compared to the previous week, this is a decrease of 0.22%.

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 20 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 7/14/2018

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

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This week, the ILI activity level was **minimal** and **0.19%** 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 7 counties, representing 3 of the 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 This Week</th>
<th>Rate per 100,000 This Week</th>
<th>Season Total</th>
<th>Deaths This Week</th>
<th>Rate per 100,000 Season Total</th>
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</thead>
<tbody>
<tr>
<td>0 to 4</td>
<td>0</td>
<td>54.2</td>
<td>159</td>
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<td>1.0</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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<tr>
<td>18 to 49</td>
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<td>587</td>
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<tr>
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<td>115.9</td>
<td>1055</td>
<td>--</td>
<td>5.7</td>
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<td>65 &amp; older</td>
<td>1</td>
<td>406.4</td>
<td>2568</td>
<td>--</td>
<td>32.9</td>
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<tr>
<td>Total</td>
<td>1</td>
<td>90.9</td>
<td>4510</td>
<td>--</td>
<td>5.8</td>
</tr>
</tbody>
</table>

The percentage of deaths attributed to pneumonia and influenza was 3.8%. This is **below** the epidemic threshold for the week ending Jun 23, 2018.