Geographic Spread
South Carolina reported sporadic activity this week.

Virologic Surveillance
This week there was 1 lab-confirmed test reported. Influenza A(H1N1) was most frequently reported. In the current flu season, there has been 9 lab-confirmed tests reported.

Influenza Activity
Overall, there was no change in influenza activity this week.

Regional Influenza Activity
No change

Influenza-Like Illness Surveillance
The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was 2.47%, which is below South Carolina's baseline (3.53%). The ILI activity level overall was low.

Influenza-Associated Hospitalizations
This week 16 influenza-associated hospitalizations were reported by 56 hospitals. The cumulative hospitalization rate is 1.3 per 100,000. In the current flu season, there have been 63 influenza-associated hospitalizations.

Influenza-Associated Deaths
This week 1 influenza-associated death was reported; however, death occurred during a previous week. The cumulative mortality rate is 0.02 per 100,000. In the current flu season, there has been 1 influenza-associated death.

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/
Influenza Activity*

In the 4 Public Health Regions, activity showed...

Overall there was no change statewide in influenza activity

<table>
<thead>
<tr>
<th>Influenza Indicator</th>
<th>Change from Previous Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab-confirmed tests</td>
<td>No change</td>
</tr>
<tr>
<td>ILI Percent</td>
<td>Increase</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>No change</td>
</tr>
</tbody>
</table>

*Indicators for assessing influenza activity include: lab-confirmed tests, ILI percent, and hospitalizations.
Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2018-19 influenza season began on September 30, 2018 and will end on September 28, 2019.
This week, the ILI activity level was **minimal** and **2.47%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

Reports were received from providers in 17 counties, representing all 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

#### Hospitalizations No. (Rate)

<table>
<thead>
<tr>
<th></th>
<th>Overall</th>
<th>Ages 0-4</th>
<th>Ages 5-17</th>
<th>Ages 18-49</th>
<th>Ages 50-64</th>
<th>Ages 65+</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This Week</strong></td>
<td>16 (0.3)</td>
<td>2 (0.7)</td>
<td>--</td>
<td>4 (0.2)</td>
<td>3 (0.3)</td>
<td>7 (0.8)</td>
</tr>
<tr>
<td><strong>2018-19</strong></td>
<td>63 (1.3)</td>
<td>4 (1.4)</td>
<td>5 (0.6)</td>
<td>16 (0.8)</td>
<td>18 (1.8)</td>
<td>20 (2.3)</td>
</tr>
<tr>
<td><strong>2017-18</strong></td>
<td>52 (1.0)</td>
<td>3 (1.0)</td>
<td>2 (0.2)</td>
<td>7 (0.3)</td>
<td>12 (1.2)</td>
<td>28 (3.2)</td>
</tr>
<tr>
<td><strong>2016-17</strong></td>
<td>30 (0.6)</td>
<td>1 (0.3)</td>
<td>1 (0.1)</td>
<td>5 (0.2)</td>
<td>10 (1.0)</td>
<td>13 (1.6)</td>
</tr>
<tr>
<td><strong>5 season average</strong></td>
<td>56 (1.2)</td>
<td>6 (2.1)</td>
<td>4 (0.5)</td>
<td>10 (0.5)</td>
<td>13 (1.4)</td>
<td>23 (2.9)</td>
</tr>
</tbody>
</table>

#### Deaths No. (Rate)

<table>
<thead>
<tr>
<th></th>
<th>Overall</th>
<th>Ages 0-4</th>
<th>Ages 5-17</th>
<th>Ages 18-49</th>
<th>Ages 50-64</th>
<th>Ages 65+</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This Week</strong></td>
<td>0</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>1 (0.1)</td>
</tr>
<tr>
<td><strong>2018-19</strong></td>
<td>1 (0.0)</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>1 (0.1)</td>
</tr>
<tr>
<td><strong>2017-18</strong></td>
<td>1 (0.0)</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>1 (0.1)</td>
</tr>
<tr>
<td><strong>2016-17</strong></td>
<td>2 (0.0)</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>2 (0.2)</td>
</tr>
<tr>
<td><strong>5 season average</strong></td>
<td>3 (0.1)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1 (0.1)</td>
<td>2 (0.2)</td>
</tr>
</tbody>
</table>

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**Influenza-Associated Deaths by Region**

- Upstate: 0
- Midlands: 0
- Pee Dee: 0
- Low Country: 1

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**Cumulative Hospitalization Rate per 100k**

- Overall
- Age 0-4
- Age 5-17
- Age 18-49
- Age 50-64
- Age 65 and older

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**Year-MMWR Week**

- 2016-17
- 2017-18
- 2018-19