**Geographic Spread**

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

---

**Influenza Activity**

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

---

**Regional Influenza Activity**

No change

---

**Virologic Surveillance**

This week there were **3** lab-confirmed tests reported. Influenza B was most frequently reported. In the current flu season, there has been **4** lab-confirmed tests reported.

---

**Influenza-Associated Hospitalizations**

This week **7** influenza-associated hospitalizations were reported by **36** hospitals. The cumulative hospitalization rate is **0.4 per 100,000**. In the current flu season, there have been **14** influenza-associated hospitalizations.

---

**Influenza-Associated Deaths**

This week **0** influenza-associated deaths were reported. In the current flu season, there have been **0** influenza-associated deaths.

---

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/)
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>No change</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 1.48% 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 18 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.**
## Influenza-Associated Hospitalizations and Deaths

### Hospitalizations

<table>
<thead>
<tr>
<th>No. (Rate)</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>7(0.1)</td>
<td>2(0.7)</td>
<td>--</td>
<td>1(0.1)</td>
<td>3(0.3)</td>
<td>1(0.1)</td>
</tr>
<tr>
<td><strong>2018-19</strong></td>
<td>14(0.3)</td>
<td>2(0.7)</td>
<td>2(0.2)</td>
<td>4(0.2)</td>
<td>3(0.3)</td>
<td>3(0.4)</td>
</tr>
<tr>
<td><strong>2017-18</strong></td>
<td>23(0.5)</td>
<td>1(0.3)</td>
<td>1(0.1)</td>
<td>4(0.2)</td>
<td>5(0.5)</td>
<td>12(1.4)</td>
</tr>
<tr>
<td><strong>2016-17</strong></td>
<td>17(0.3)</td>
<td>--</td>
<td>--</td>
<td>4(0.2)</td>
<td>5(0.5)</td>
<td>8(0.9)</td>
</tr>
<tr>
<td><strong>5 season average</strong></td>
<td>25(0.5)</td>
<td>2(0.7)</td>
<td>1(0.1)</td>
<td>4(0.2)</td>
<td>6(0.6)</td>
<td>11(1.4)</td>
</tr>
</tbody>
</table>

### Deaths

<table>
<thead>
<tr>
<th>No. (Rate)</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>--</td>
</tr>
<tr>
<td><strong>2018-19</strong></td>
<td>0</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</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>0</td>
<td>0</td>
<td>0</td>
<td>1(0.0)</td>
<td>1(0.2)</td>
</tr>
<tr>
<td><strong>5 season average</strong></td>
<td>2(0.0)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1(0.0)</td>
<td>1(0.2)</td>
</tr>
</tbody>
</table>

### Cumulative Hospitalization Rate per 100K

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

### Influenza-Associated Deaths by Region

- **Upstate**
- **Midlands**
- **Pee Dee**
- **Low Country**

---

**Flu Watch**  MMWR Week 42  Oct 14 – Oct 20, 2018