Influenza activity in Davis County was at a minimal level during Week 17. The influenza-like illness (ILI) rate (2.7%) decreased slightly while the number of influenza-related hospitalizations remained the same compared to Week 16 (see Figure 2). The school absentee rate (4.27%) was comparable to rates seen during the same week in previous years. During Week 17, there was one hospitalized influenza case, bringing the season total in Davis County to 151.

**Figure 1. Elementary School Absence Rate, Davis County, 2018-19, 2017-18, 5-Year Average**

**Figure 2. Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2018-19**

*Influenza-like Illness (ILI) is defined as fever (temperature of ≥ 100°F [37.8°C]), cough, and/or a sore throat without a known cause other than influenza.*
INFLUENZA ACTIVITY IN UTAH*

Utah’s influenza severity estimate was at a low level during Week 17 with regional activity. Throughout the state, there were four hospitalized influenza cases during Week 17 and there have been a total of 1,753 for the season.

Surveillance data for influenza testing in laboratories across Utah indicated that 35 specimens were positive for influenza during Week 17. The majority (94.7%) of the positive specimens thus far this season have been typed as influenza A. Influenza A H3 remains the predominant subtype circulating, though Influenza A H1N1 accounts for the most cases this season.

*For more information regarding influenza activity in Utah, please visit: https://goo.gl/xDYnKy

INFLUENZA ACTIVITY IN THE UNITED STATES**

During Week 16, influenza activity continued to be elevated in some regions across the United States, however most regions returned to normal levels. During Week 16, nine states reported sporadic activity, 19 states reported local activity, 17 states reported regional activity (including Utah), and five states reported widespread activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 8.1% of respiratory specimens tested were positive for influenza in Week 16. Of those, 76.2% were typed as influenza A and 23.8% as influenza B.

Midseason estimates of the 2018-19 influenza vaccine effectiveness indicate that the influenza vaccines have reduced the risk of medically attended influenza-related illness by 47%. Vaccination reduced the rate of illness due to Influenza A 2009 H1N1 by about 46% among all ages and by about 62% among children under age 18.

**For more information regarding influenza activity nationwide, please visit: https://www.cdc.gov/flu/ weekly/

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Table 1. Influenza Positive Specimens Tested by Utah Laboratories, 2018 - 2019

<table>
<thead>
<tr>
<th>Positive Specimens by Type/Subtype</th>
<th>Current Week</th>
<th>Season-to-Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>%</td>
</tr>
<tr>
<td>Influenza A (2009 H1)</td>
<td>1</td>
<td>2.9%</td>
</tr>
<tr>
<td>Influenza A (H1)</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Influenza A (H3)</td>
<td>8</td>
<td>22.9%</td>
</tr>
<tr>
<td>Influenza A (unsubtyped)</td>
<td>25</td>
<td>71.4%</td>
</tr>
<tr>
<td>Influenza B</td>
<td>1</td>
<td>2.9%</td>
</tr>
<tr>
<td>Total</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

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Figure 3. Weekly Influenza Activity Estimates, Week 16 (April 14 - 20, 2019)

VACCINE INFORMATION

CDC recommends that all persons older than 6 months of age receive an influenza vaccine.

Flu shots are available at Davis County Health Department at no out-of-pocket cost for those with contracted health insurance.

For those without insurance:
- Adults (19+ years) can receive the flu shot for $30.
- Seniors (65+ years) can receive high-dose Fluzone® for $45.
- Children and adolescents (<19 years) may receive the vaccine for a $8 fee.

For additional information, call the Immunizations Hotline at (801) 525-5020.