Influenza activity in Davis County is currently at a moderate level. Due to winter recess there is no school absenteeism data to report for Week 51 (see Figure 1.) Fewer than five influenza-associated hospitalizations were reported in Week 51. Updated ILI rates for this season can be found in Figure 2.

**Figure 1.** Elementary School Absence Rate, Davis County, 2021-22, 2019-20, 5-Year Average

**Figure 2.** Influenza-like-Illness rate and Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2021-22

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 is currently at a low level during Week 51. There were 28 hospitalized influenza cases reported during Week 51 in the state of Utah, with a total of 55 hospitalizations so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that 803 specimens were positive for influenza during Week 51. The predominant virus currently circulating in the community is influenza A.

*For more information regarding influenza activity in Utah, please visit: https://bit.ly/3qPBrtH.

INFLUENZA ACTIVITY IN THE UNITED STATES**

During Week 50, influenza activity continued to rise in the United States, with all states reporting influenza activity. Eighteen states reported minimal activity, 12 states reported low (including Utah) activity, 13 states reported moderate activity, and seven states reported high activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 5.6% of respiratory specimens tested were positive for influenza in Week 50. Of those, 99.2% were typed as influenza A and 0.8% as influenza B.

CDC performs genetic and antigenic characterization of U.S. viruses submitted from state and local laboratories. The specimens are also tested for susceptibility of influenza virus to antiviral medications. Virus characterization data will be updated later this season when a sufficient number of specimens have been tested.

**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, 2021-22

<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 H1N1)</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Influenza A (H3)</td>
<td>19</td>
<td>2.4%</td>
</tr>
<tr>
<td>Influenza A (no subtype)</td>
<td>779</td>
<td>97.0%</td>
</tr>
<tr>
<td>Influenza B</td>
<td>5</td>
<td>0.6%</td>
</tr>
<tr>
<td>Total</td>
<td>803</td>
<td>1,998</td>
</tr>
</tbody>
</table>

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VACCINE INFORMATION

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

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—49) can receive the flu shot for $35.
- Adults and Seniors (50+ years) can receive the flu shot for $70.
- Children and adolescents (<19 years) may receive the vaccine for an $8 fee.

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

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The *Davis County Influenza Report* is published weekly during influenza season. To receive a copy of this report by email or fax, please contact Brandon Beagles at bbeagles@co.davis.ut.us.