INFLUENZA ACTIVITY IN DAVIS COUNTY

Influenza activity in Davis County is currently at a low level. No school absentee rate was provided for Week 14 due to Davis School District Spring Break (see Figure 1). There were five influenza-associated hospitalizations reported in Week 14. Updated influenza-like illness (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 was estimated at a low level during Week 13. There were 65 hospitalized influenza cases reported during Week 13 in the state of Utah, with a total of 638 hospitalizations so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that 1,280 specimens were positive for influenza during Week 13. The predominant virus currently circulating in the community is influenza A (H3N2).

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

INFLUENZA ACTIVITY IN THE UNITED STATES**

During Week 14, influenza activity increased nationally this week. Influenza activity is highest in the central and south-central regions of the country and is increasing in most regions. Thirty-eight states reported minimal activity, eight states (including Utah) reported low activity, three states reported moderate activity, and one state reported high activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 8.4% of respiratory specimens tested were positive for influenza in Week 14. Of those, 99.3% were typed as influenza A and 0.7% 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. H3N2 viruses identified so far this season are genetically closely related to the vaccine virus but there are some antigenic differences that have developed as H3N2 viruses have continued to evolve.

**For more information regarding influenza activity nationwide, please visit: https://bit.ly/3Lu3Hcm.

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>85</td>
<td>6.6%</td>
</tr>
<tr>
<td>Influenza A (no subtype)</td>
<td>1,193</td>
<td>93.2%</td>
</tr>
<tr>
<td>Influenza B</td>
<td>2</td>
<td>0.2%</td>
</tr>
<tr>
<td>Total</td>
<td>1,280</td>
<td></td>
</tr>
</tbody>
</table>

Figure 3. Weekly Influenza Activity Estimates, Week 14 (April 3 — April 9, 2022)

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.

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