

DAVIS COUNTY

INFLUENZA REPORT

2019-20 Influenza Season Week 1 — Week Ending 01/04/2020

LOCAL SUMMARY

ILI activity level:

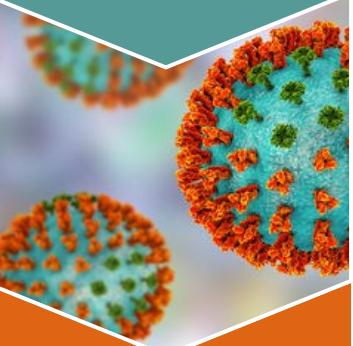
HIGH

Weekly hospitalizations:

12

Weekly ILI rate:

4.9%



Influenza-like Illness (ILI) is defined as fever (temperature of $\geq 100^{\circ} F$ [$37.8^{\circ} C$]), cough, and/or a sore throat without a known cause other than influenza.

INFLUENZA ACTIVITY IN DAVIS COUNTY

Influenza activity in Davis County is currently at a *high* level. Due to winter recess there is no school absenteeism data to report for Week 52 (see Figure 1). There were 12 hospitalized influenza cases reported in Davis County during Week 1, bringing the season total to 30 cases. Although the number of hospitalized cases increased, the influenza-like illness (ILI) rate (4.9%) decreased slightly in Week 1 (see Figure 2).

Figure 1. Elementary School Absence Rate, Davis County, 2019-20, 2018-19, 5-Year Average

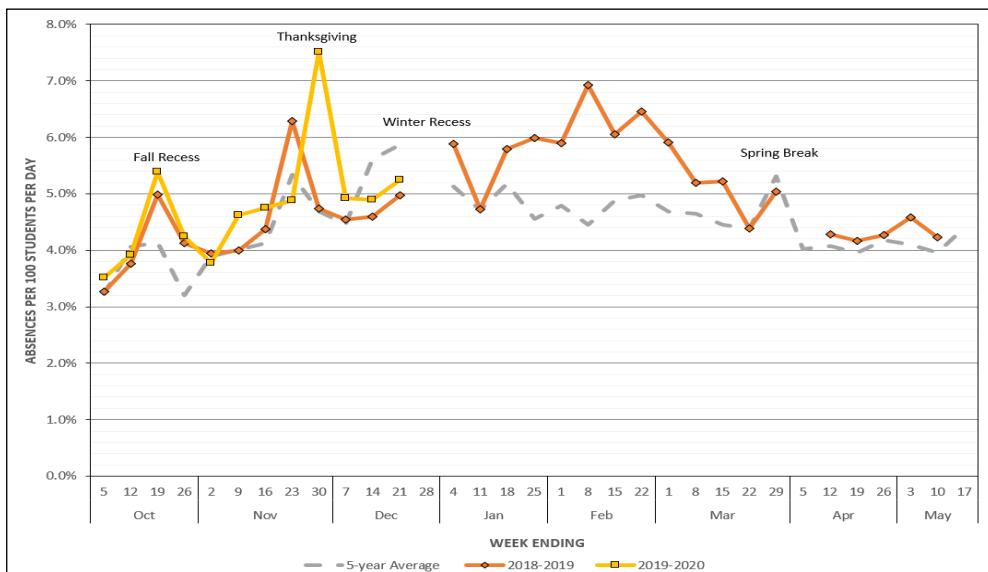
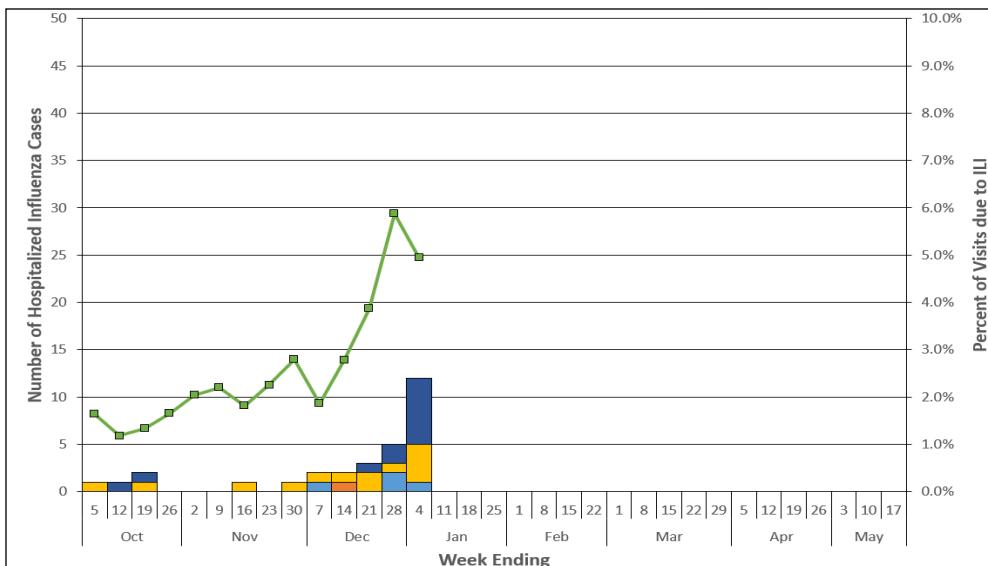


Figure 2. Influenza-like-Illness rate and Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2019-20



INFLUENZA ACTIVITY IN UTAH*

Utah's influenza severity estimate remained at a *moderate* level during Week 1. There were 61 hospitalized influenza cases reported during Week 1 in the state of Utah, with a total of 255 cases so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that 845 specimens were positive for influenza during Week 1.

1. The predominant circulating virus this week remains influenza B. It is also the predominant circulating virus thus far this season.

*For more information regarding influenza activity in Utah, please visit: <https://bit.ly/2Mx18cT>.

Table 1. Influenza Positive Specimens Tested by Utah Laboratories, 2019-20

Positive Specimens by Type/Subtype	Current Week		Season-to-Date	
	Number	%	Number	%
Influenza A (2009 H1N1)	26	3.1%	144	5.0%
Influenza A (H3)	1	0.1%	21	0.7%
Influenza A (no subtype)	249	29.5%	828	29.0%
Influenza B	569	67.3%	1,892	65.0%
Total	845		2,885	

INFLUENZA ACTIVITY IN THE UNITED STATES**

Influenza activity in the United States continues to increase. During Week 52, one state reported *local* activity, four states reported *regional* activity, and 45 states (including Utah) reported *widespread* activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 26.3% of respiratory specimens tested were positive for influenza in Week 52. Of those, 32.1% were typed as influenza A and 67.9% as influenza B.

CDC antigenically characterizes virus samples to evaluate vaccine efficacy. Currently, 69.3% of influenza A and 65.0% of influenza B samples are similar to this season's vaccine. CDC also tests for resistance to four antiviral medications (oseltamivir, peramivir, zanamivir, and baloxavir); 99.5% of samples tested show no resistance. Antiviral treatment is recommended as early as possible for patients with severe illness or who require hospitalization.

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



VACCINE INFORMATION

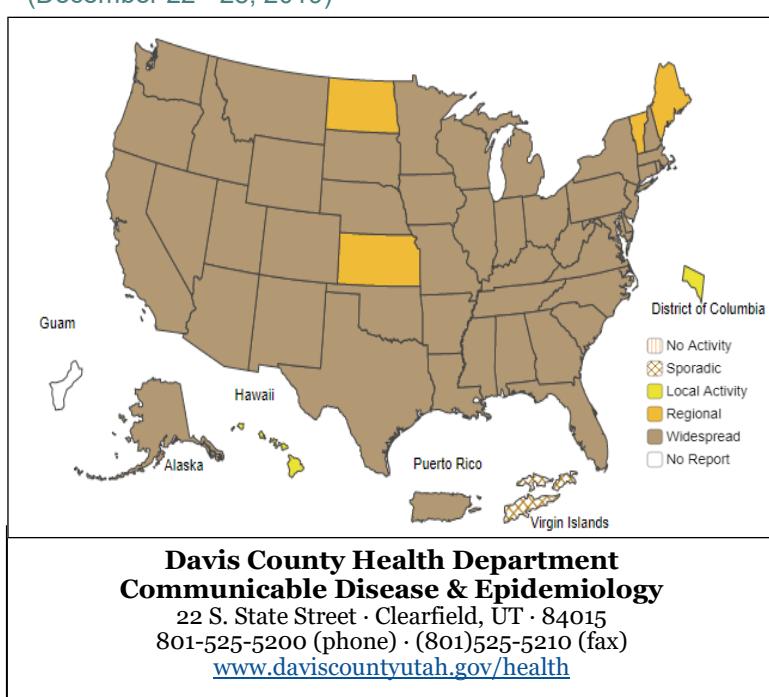
CDC recommends that all persons older than 6 months of age receive an influenza vaccine by the end of October.

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+ 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 an \$8 fee.

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



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



Davis
COUNTY