

DAVIS COUNTY

INFLUENZA REPORT

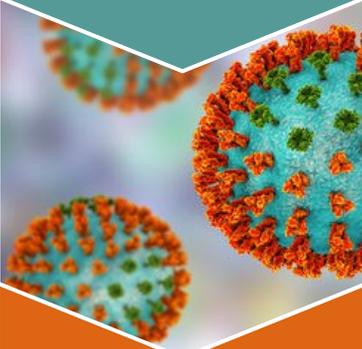
2019-20 Influenza Season Week 50 — Week Ending 12/14/2019

LOCAL SUMMARY

ILI activity level:
LOW

Weekly hospitalizations:
<5

Weekly ILI rate:
2.8%



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 *low* level. The average school absence rate for Week 50 (4.9%) was slightly elevated compared to last year (see Figure 1). Fewer than five hospitalized influenza cases were reported in Davis County in Week 50, bringing the season total to 10 cases. The influenza-like illness (ILI) rate (2.8%) during Week 50 remains low (see Figure 2).

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

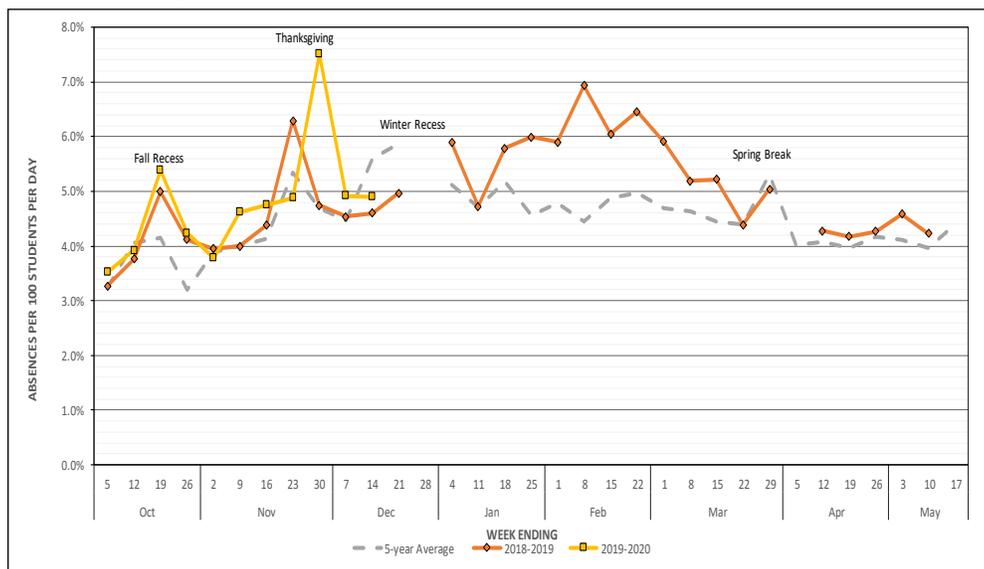
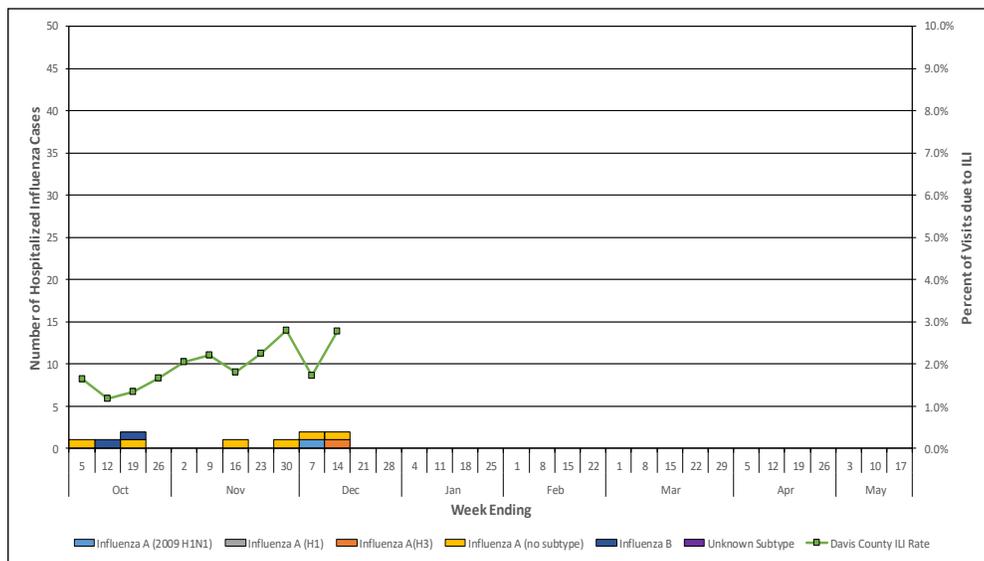


Figure 2. Influenza-like-Illness rate and Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2019-20



INFLUENZA ACTIVITY IN UTAH*

Utah's influenza rate remained at a *low* level during Week 50. There were 14 hospitalized influenza cases reported during Week 50 in the state of Utah, with a total of 71 cases so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that 225 specimens were positive for influenza during Week 50. 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)	6	2.7%	50	7.4%
Influenza A (H3)	3	1.3%	19	2.8%
Influenza A (no subtype)	63	28.0%	200	29.8%
Influenza B	153	68.0%	403	60.0%
Total	225		672	

INFLUENZA ACTIVITY IN THE UNITED STATES**

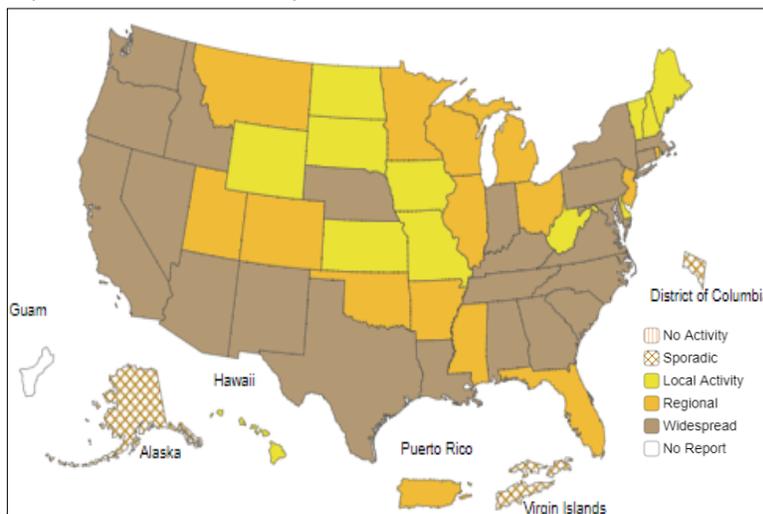
Influenza activity in the United States continues to increase. During Week 49, Alaska reported *sporadic* activity, while 12 states reported *local* activity, 14 states (including Utah) reported *regional* activity, and 23 states reported *widespread* activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 11.3% of respiratory specimens tested were positive for influenza in Week 49. Of those, 31.5% were typed as influenza A and 68.5% as influenza B.

CDC antigenically characterizes virus samples to evaluate vaccine efficacy. Currently, 85.7% of influenza A and 76.9% of influenza B samples were similar to this season's vaccine. CDC also tests for resistance to four antiviral medications; 99.3% 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/>

Figure 3. Weekly Influenza Activity Estimates, Week 49 (December 1 - 7, 2019)



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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+ 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.