

DAVIS COUNTY

INFLUENZA REPORT

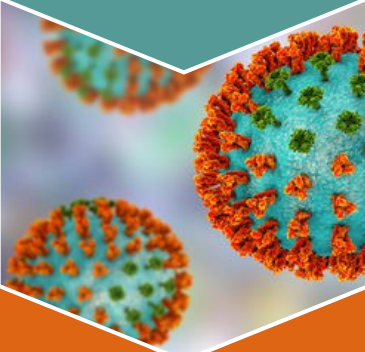
2019-20 Influenza Season Week 48 — Week Ending 11/30/2019

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 48 (7.5%) was higher than last year, but this is likely due to the Thanksgiving holiday (see Figure 1). Fewer than five hospitalized influenza cases were reported in Davis County in Week 48, the season total is currently 6 cases. The influenza-like illness (ILI) rate (2.8%) during Week 48 remains low (see Figure 2).

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

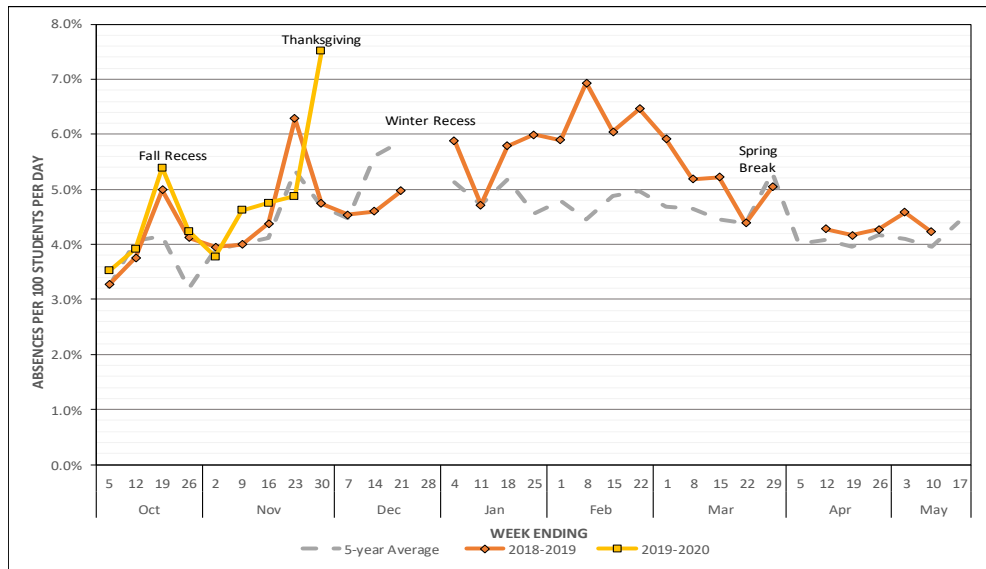
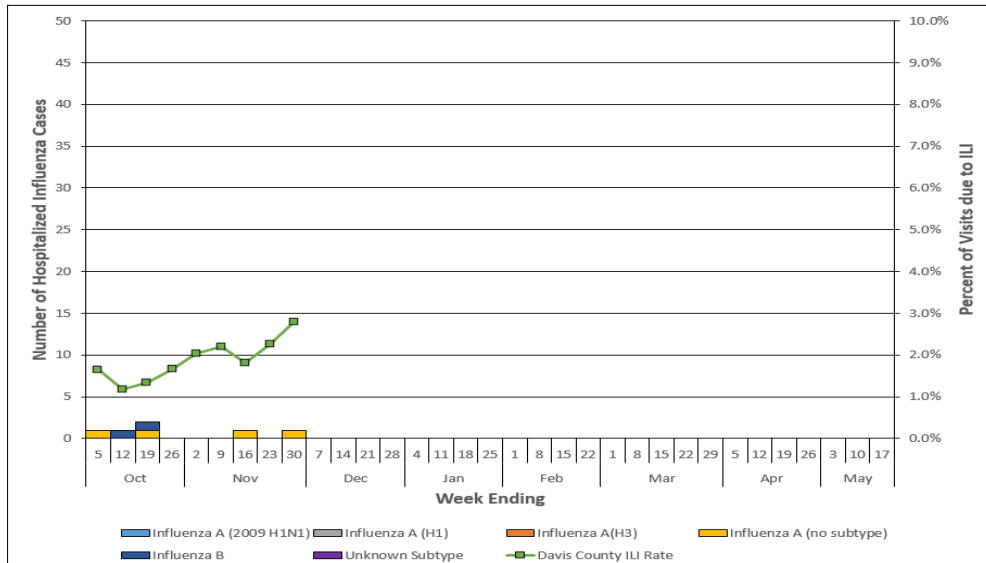


Figure 2. Influenza-like-Illness rate and Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2019-20



INFLUENZA ACTIVITY IN UTAH*

Utah's influenza rate remained at a *low* level during Week 48. There were five hospitalized influenza cases reported during Week 48 in the state of Utah, with a total of 32 cases so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that 102 specimens were positive for influenza during Week 48. This week, the predominant circulating virus is influenza B. It is also the predominant circulating virus thus far these 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	5.9%	29	8.8%
Influenza A (H3)	3	2.9%	13	3.9%
Influenza A (no subtype)	25	24.5%	114	34.4%
Influenza B	68	66.7%	175	52.9%
Total	102		331	

INFLUENZA ACTIVITY IN THE UNITED STATES**

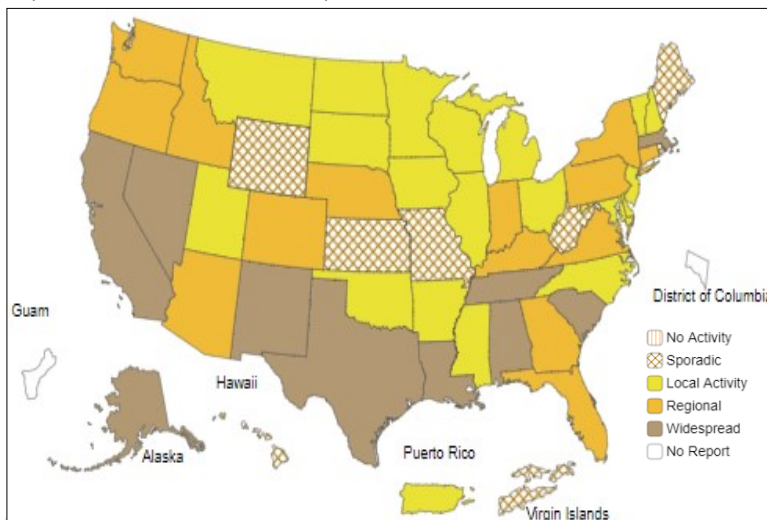
Influenza activity in the United States continues to increase. During week 47, seven states reported *sporadic* activity, 19 states (including Utah) reported *local* activity, 14 states reported *regional* activity, and 10 states reported *widespread* activity. (see Figure 3).

Collaborating clinical laboratories across the United States reported that 8.0% of respiratory specimens tested were positive for influenza in Week 47. Of those, 29.6% were typed as influenza A and 70.4% as influenza B.

Between September 29 and November 23, 2019, CDC antigenically characterized 21 influenza viruses to evaluate vaccine effectiveness and determine the most likely influenza strains in the coming year. Of these, all influenza A viruses were similar to their respective components of the 2019-20 vaccine. Influenza B viruses are still pending—although most samples thus far (63.6%) have matched the vaccine.

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

Figure 3. Weekly Influenza Activity Estimates, Week 46 (November 10 - 16, 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.

