

DAVIS COUNTY

INFLUENZA REPORT

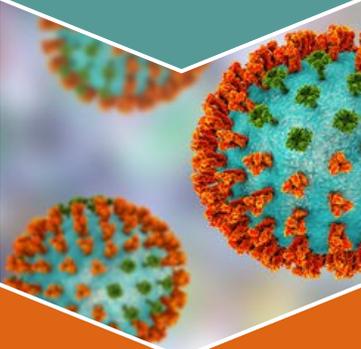
2019-20 Influenza Season Week 43 — Week Ending 10/26/2019

LOCAL SUMMARY

ILI activity level:
MINIMAL

Weekly hospitalizations:
0

Weekly ILI rate:
1.7%



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 has been at a *minimal* level so far this season. The average school absence rate for Week 43 (4.24%) was comparable to the rate observed last year (see Figure 1). No hospitalized influenza cases were reported in Davis County in Week 43, and the season total remains at five cases. The influenza-like illness (ILI) rate (1.7%) for Week 43 remains low (see Figure 2).

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

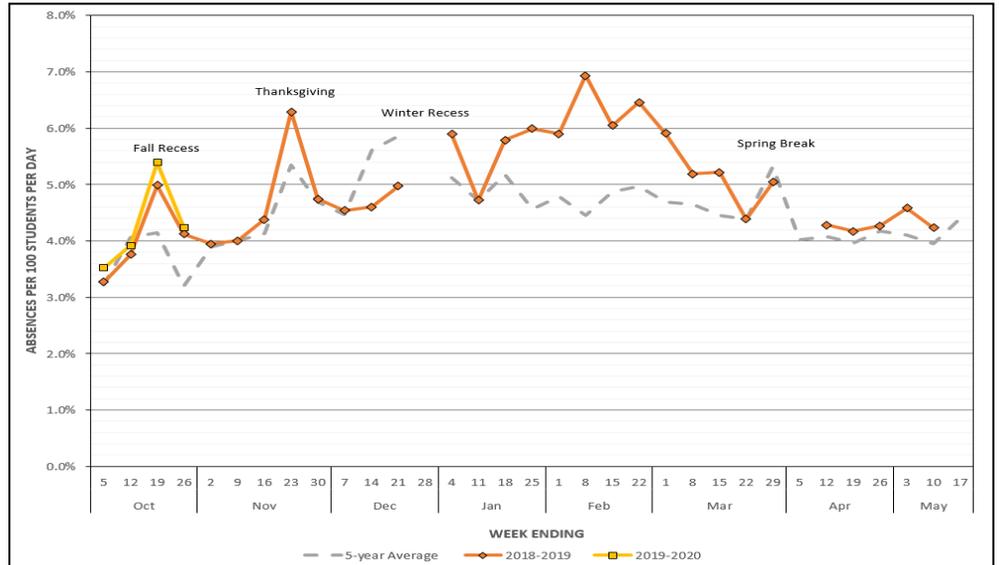
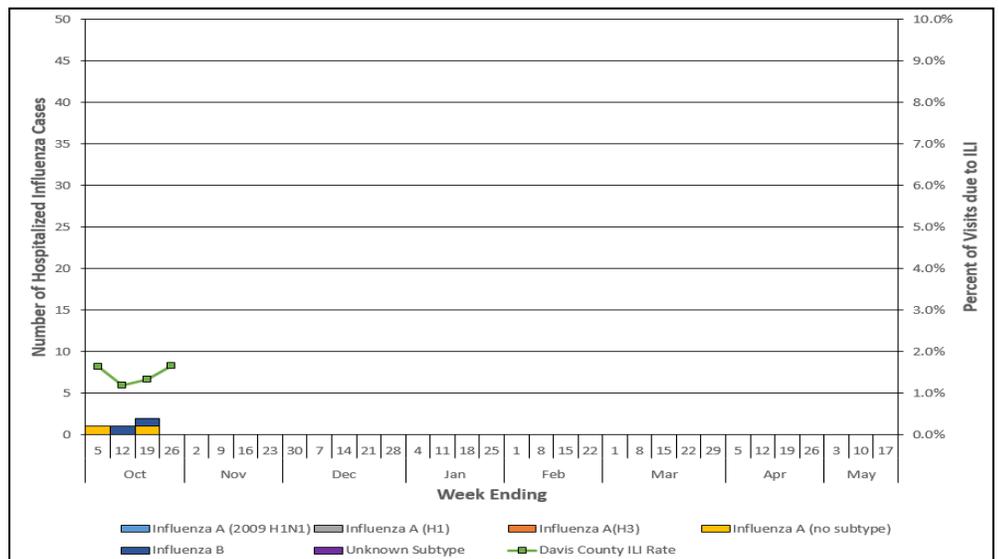


Figure 2. Influenza-like-Illness rate and Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2019-20



INFLUENZA ACTIVITY IN UTAH*

Utah's influenza rate remained at a *low* level during Week 43. There were fewer than five hospitalized influenza cases reported during Week 43 in the state of Utah, with a total of 12 cases so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that nine specimens were positive for influenza during Week 43. The predominant circulating virus is influenza A, however, some positive influenza B specimens have been reported also.

*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)	1	11.1%	5	12.5%
Influenza A (H3)	0	0%	5	12.5%
Influenza A (no subtype)	5	55.6%	18	45.0%
Influenza B	3	33.3%	12	30.0%
Total	9		40	

INFLUENZA ACTIVITY IN THE UNITED STATES**

During Week 42, influenza activity remains low in the United States, but increased slightly when compared to previous weeks. Rhode Island reported *no activity* during Week 42, while 40 states (including Utah) reported *sporadic* activity, six states reported *local* activity, Louisiana reported *regional* activity, Maryland state reported *widespread* activity, and Nevada did not report (see Figure 3).

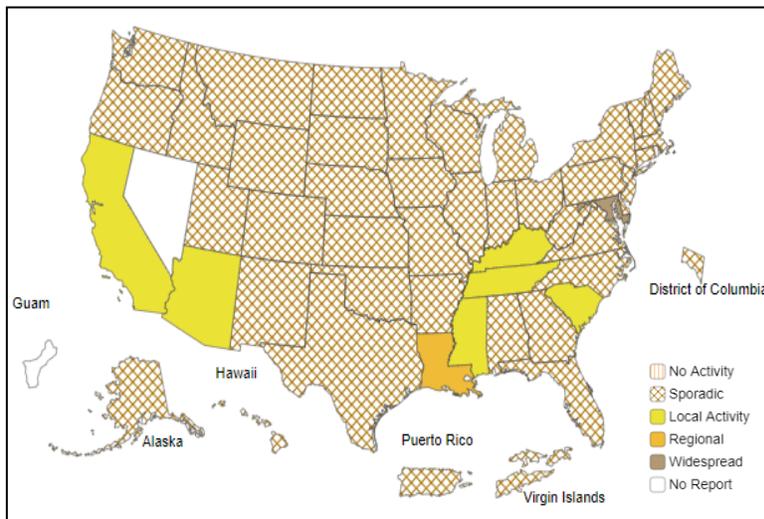
Collaborating clinical laboratories across the United States reported that 2.4% of respiratory specimens tested were positive for influenza in Week 42. Of those, 31.9% were typed as influenza A and 68.1% as influenza B.

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/>

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.

Figure 3. Weekly Influenza Activity Estimates, Week 42 (October 13 - 19, 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.

