

DAVIS COUNTY

INFLUENZA REPORT

2019-20 Influenza Season Week 2 — Week Ending 01/11/2020

LOCAL SUMMARY

ILI activity level:

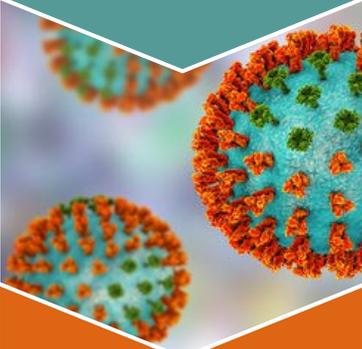
MODERATE

Weekly hospitalizations:

5

Weekly ILI rate:

4.2%



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

INFLUENZA ACTIVITY IN DAVIS COUNTY

Influenza activity in Davis County dropped to a *moderate* level. Due to an issue with reporting, there is no school absenteeism data available for Week 2 (see Figure 1). There were 5 hospitalized influenza cases reported in Davis County during Week 2, bringing the season total to 35 cases. The number of hospitalized cases and the influenza-like illness (ILI) rate (4.2%) both decreased during Week 2 (see Figure 2).

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

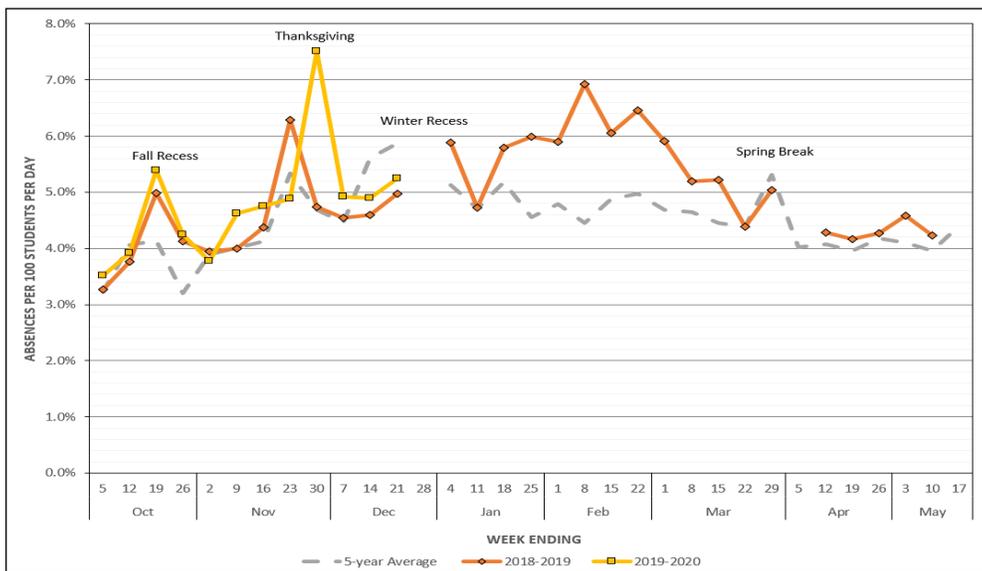
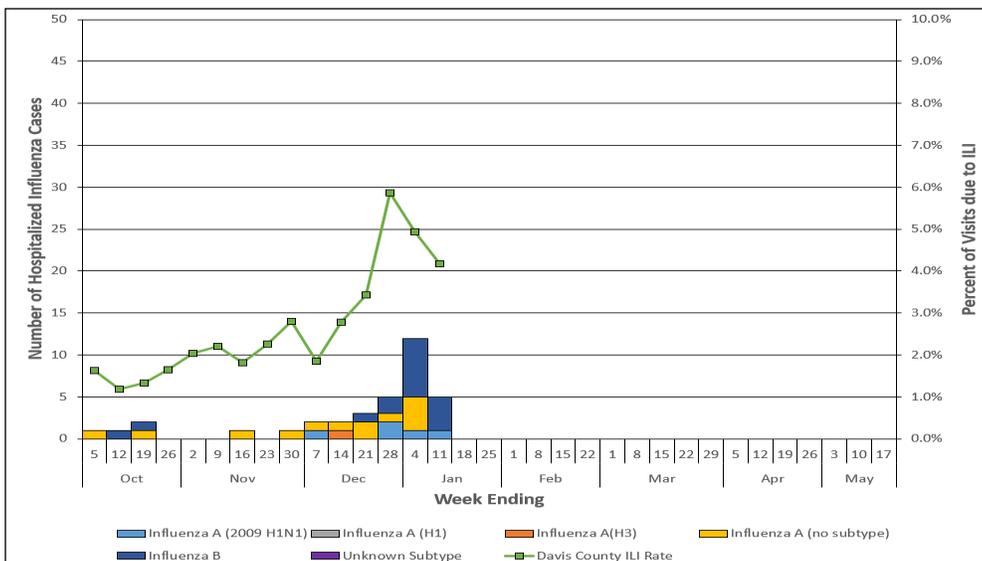


Figure 2. Influenza-like-Illness rate and Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2019-20



INFLUENZA ACTIVITY IN UTAH*

Utah's influenza severity estimate remained at a *moderate* level during Week 2. There were 64 hospitalized influenza cases reported during Week 2 in the state of Utah, with a total of 332 cases so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that 867 specimens were positive for influenza during Week 2. The predominant circulating virus this week remains influenza B. It has also been the predominant strain circulating throughout the 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	3.0%	185	4.6%
Influenza A (H3)	1	0.1%	23	0.6%
Influenza A (no subtype)	299	34.5%	1,224	30.6%
Influenza B	541	62.4%	2,562	64.1%
Total	867		3,994	

INFLUENZA ACTIVITY IN THE UNITED STATES**

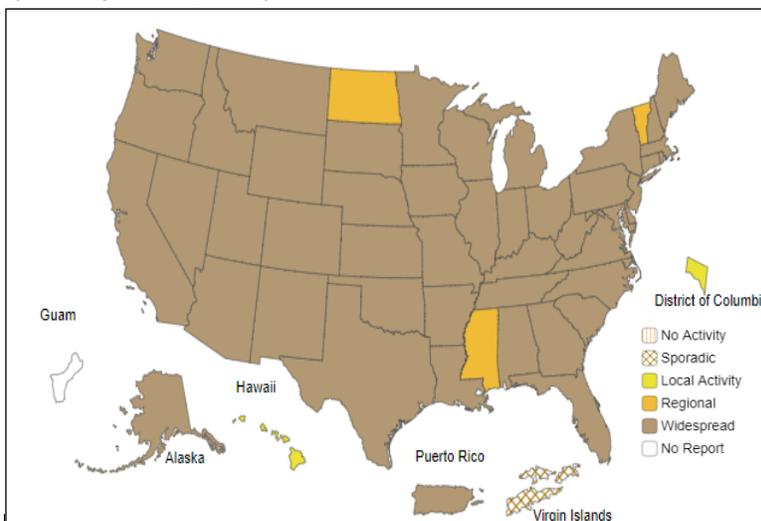
Influenza activity in the United States remains high, however severity has decreased. During Week 1, one state reported *local* activity, three states reported *regional* activity, and 46 states (including Utah) reported *widespread* activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 23.3% of respiratory specimens tested were positive for influenza in Week 1. Of those, 36.7% were typed as influenza A and 63.3% 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/>

Figure 3. Weekly Influenza Activity Estimates, Week 1 (January 5 - 11, 2020)



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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.

