

DAVIS COUNTY

INFLUENZA REPORT

2019-20 Influenza Season Week 6 — Week Ending 02/08/2020

LOCAL SUMMARY

ILI activity level:

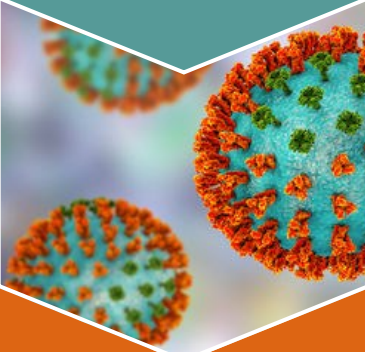
HIGH

Weekly hospitalizations:

<5

Weekly ILI rate:

6.0%



Influenza-like Illness (ILI) is defined as fever (temperature of $\geq 100^{\circ}\text{F}$ [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 remains at a *high* level. The school absentee rate was very high, likely primarily due to a winter storm that impacted travel and attendance (see Figure 1). The number of hospitalized cases as well as the influenza-like illness (ILI) rate decreased in Week 6 (see Figure 2).

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

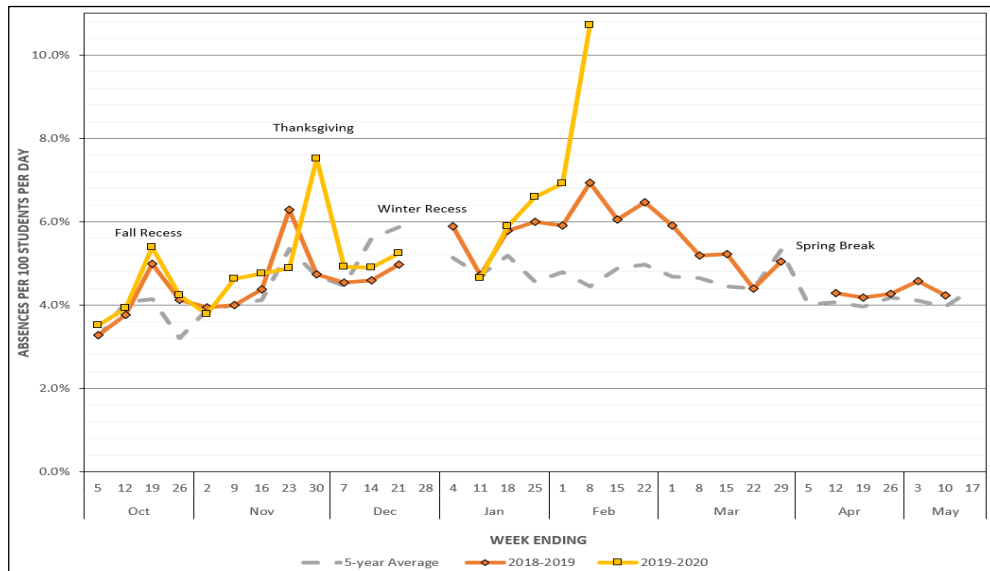
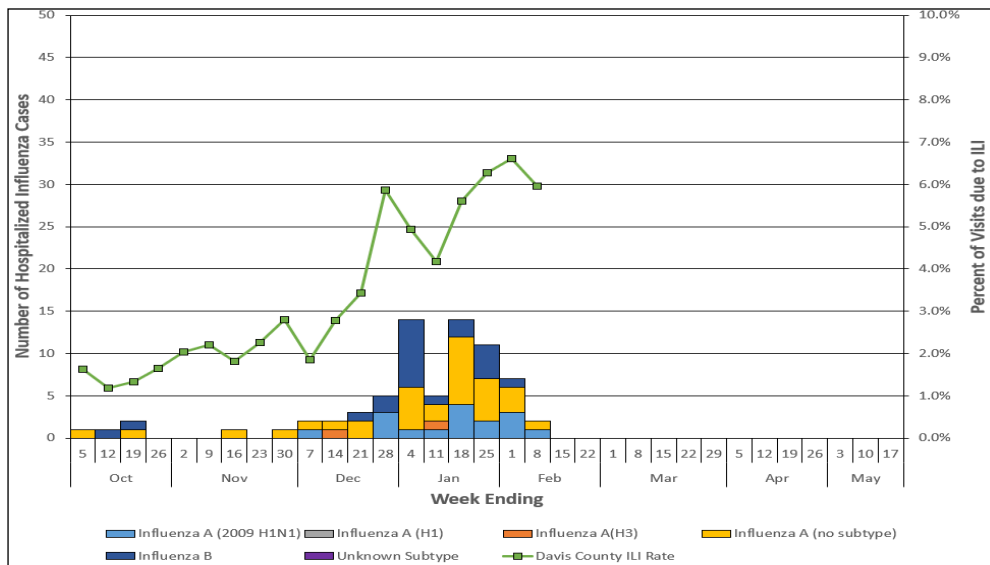


Figure 2. Influenza-like-Illness rate and Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2019-20



INFLUENZA ACTIVITY IN UTAH*

Utah's influenza severity estimate decreased to a *moderate* level during Week 6. There were 90 hospitalized influenza cases reported during Week 6 in the state of Utah, with a total of 759 cases so far this season.

Surveillance data for influenza testing in laboratories across Utah indicate that 1,265 specimens were positive for influenza during Week 6. The predominant circulating virus this week is Influenza A, for the first time this season. Influenza B also continues to circulate.

*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) | 40 | 3.2% | 418 | 4.6% |
| Influenza A (H3) | 3 | 0.2% | 31 | 0.3% |
| Influenza A (no subtype) | 618 | 48.9% | 3,312 | 36.4% |
| Influenza B | 604 | 47.7% | 5,343 | 58.7% |
| Total | 1,265 | | 9,104 | |

INFLUENZA ACTIVITY IN THE UNITED STATES**

Influenza activity in the United States remains high, however the number of hospitalizations are similar to what has been seen in past seasons. During Week 5, two states reported *regional* activity, and 48 states (including Utah) reported *widespread* activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 29.8% of respiratory specimens tested were positive for influenza in Week 5. Of those, 54.4% were typed as influenza A and 45.6% as influenza B.

CDC antigenically characterizes virus samples to evaluate vaccine efficacy. Currently, 75.6% of influenza A and 64.3% 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); 99.7% 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 5 (January 26 - February 1, 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.



Davis
COUNTY
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DEPARTMENT

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