

DAVIS COUNTY

INFLUENZA REPORT

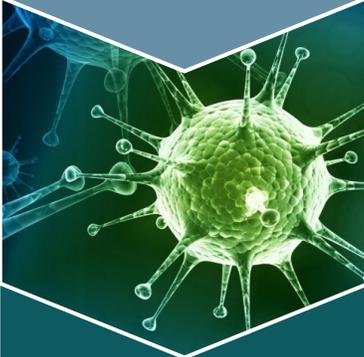
2018-19 Influenza Season Week 17 — Week Ending 04/27/2019

LOCAL SUMMARY

ILI activity level:
MINIMAL

Weekly hospitalizations:
1

Weekly ILI rate:
2.7%



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 was at a *minimal* level during Week 17. The influenza-like illness (ILI) rate (2.7%) decreased slightly while the number of influenza-related hospitalizations remained the same compared to Week 16 (see Figure 2). The school absentee rate (4.27%) was comparable to rates seen during the same week in previous years. During Week 17, there was one hospitalized influenza case, bringing the season total in Davis County to 151.

Figure 1. Elementary School Absence Rate, Davis County, 2018-19, 2017-18, 5-Year Average

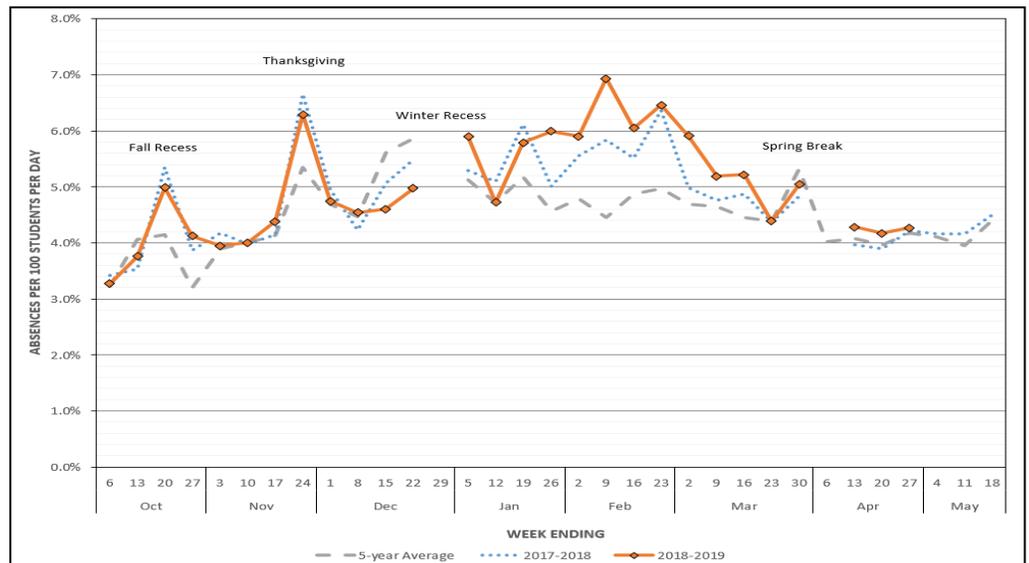
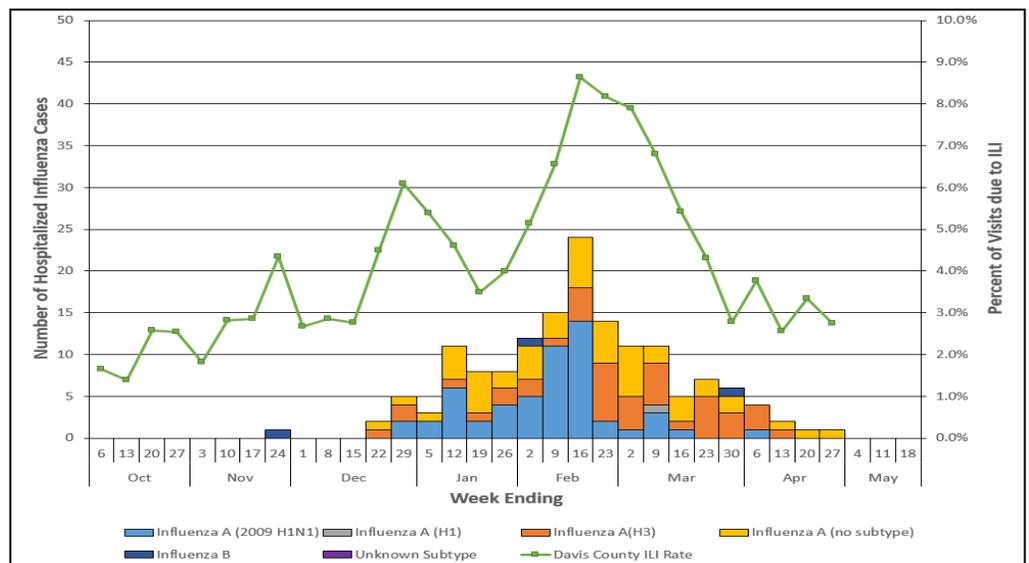


Figure 2. Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2018-19



INFLUENZA ACTIVITY IN UTAH*

Utah's influenza severity estimate was at a *low* level during Week 17 with *regional* activity. Throughout the state, there were four hospitalized influenza cases during Week 17 and there have been a total of 1,753 for the season.

Surveillance data for influenza testing in laboratories across Utah indicated that 35 specimens were positive for influenza during Week 17. The majority (94.7%) of the positive specimens thus far this season have been typed as influenza A. Influenza A H3 remains the predominant subtype circulating, though Influenza A H1N1 accounts for the most cases this season.

*For more information regarding influenza activity in Utah, please visit: <https://goo.gl/xDYnKy>

Table 1. Influenza Positive Specimens Tested by Utah Laboratories, 2018 - 2019

Positive Specimens by Type/Subtype	Current Week		Season-to-Date	
	Number	%	Number	%
Influenza A (2009 H1)	1	2.9%	1,293	15.2%
Influenza A (H1)	0	0.0%	6	0.1%
Influenza A (H3)	8	22.9%	962	11.3%
Influenza A (unsubtyped)	25	71.4%	5,776	68.0%
Influenza B	1	2.9%	452	5.3%
Total	35		8,489	

INFLUENZA ACTIVITY IN THE UNITED STATES**

During Week 16, influenza activity continued to be elevated in some regions across the United States, however most regions returned to normal levels. During Week 16, nine states reported *sporadic* activity, 19 states reported *local* activity, 17 states reported *regional* activity (including Utah), and five states reported *widespread* activity (see Figure 3).

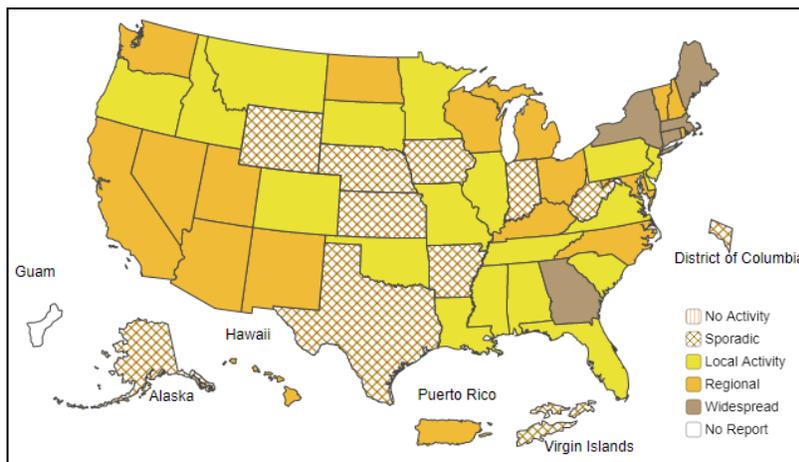
Collaborating clinical laboratories across the United States reported that 8.1% of respiratory specimens tested were positive for influenza in Week 16. Of those, 76.2% were typed as influenza A and 23.8% as influenza B.

Midseason estimates of the 2018-19 influenza vaccine effectiveness indicate that the influenza vaccines have reduced the risk of medically attended influenza-related illness by 47%.

Vaccination reduced the rate of illness due to Influenza A 2009 H1N1 by about 46% among all ages and by about 62% among children under age 18.

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

Figure 3. Weekly Influenza Activity Estimates, Week 16 (April 14 - 20, 2019)



**Davis County Health Department
Communicable Disease & Epidemiology**
22 S. State Street · Clearfield, UT · 84015
801-525-5200 (phone) · (801)525-5210 (fax)
www.daviscountyutah.gov/health



VACCINE INFORMATION

CDC recommends that all persons older than 6 months of age receive an influenza vaccine.

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 a \$8 fee.

For additional information, call the Immunizations Hotline at (801) 525-5020.

