

# DAVIS COUNTY

# INFLUENZA REPORT

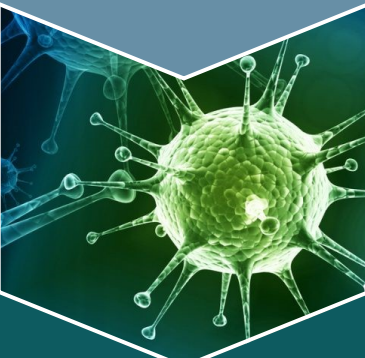
2018-19 Influenza Season Week 10 — Week Ending 03/09/2019

## LOCAL SUMMARY

ILI activity level:  
**HIGH**

Weekly hospitalizations:  
**14**

Weekly ILI rate:  
**6.8%**



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 remained at a *high* level during Week 10. The average school absence rate for Week 10 (5.19%) dropped considerably compared to recent weeks (see Figure 1). The influenza-like illness (ILI) rate (6.8%) also decreased, while the number of hospitalizations remained steady compared to Week 9 (see Figure 2). During Week 10, there were 14 hospitalized influenza cases, bringing the season total in Davis County to 132.

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

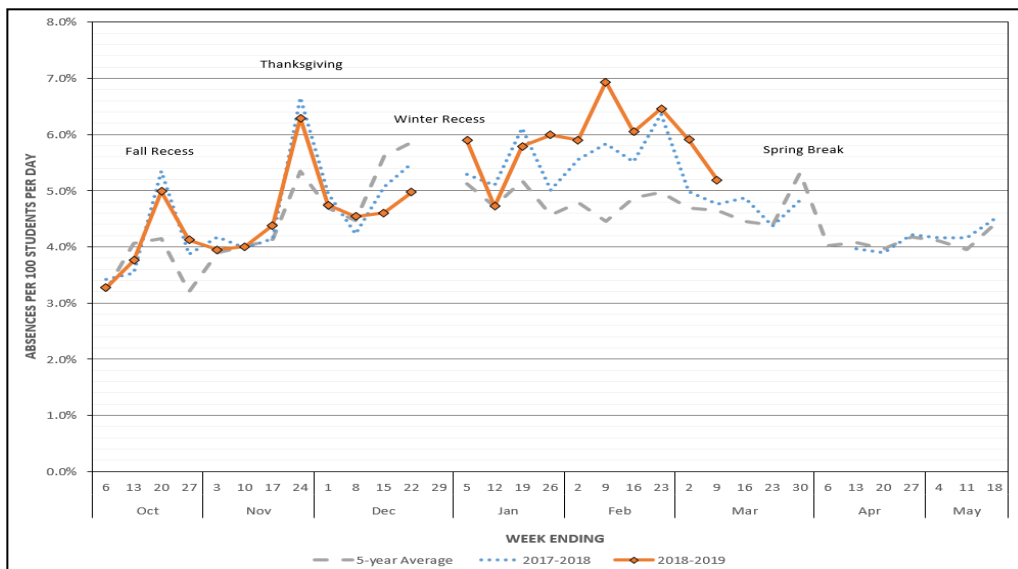
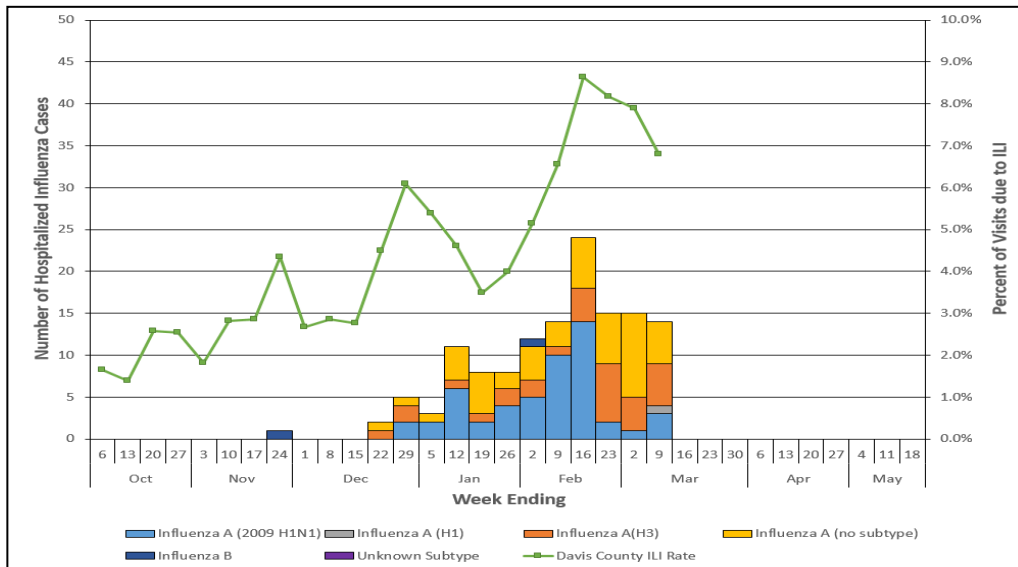


Figure 2. Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2018-19



## INFLUENZA ACTIVITY IN UTAH\*

Utah's influenza severity estimate was at a *moderate* level during Week 10 with continued widespread activity. Throughout the state, there were 59 hospitalized influenza cases during Week 10 and there have been a total of 1,348 for the season.

Surveillance data for influenza testing in laboratories across Utah indicated that 477 specimens were positive for influenza during Week 10. The majority (94.5%) of the positive specimens thus far this season have been typed as influenza A. Influenza A 2009 H1N1 has been the predominant subtype for the season, however, influenza A H3 has been the primary circulating subtype in recent weeks.

\*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)	33	6.9%	1,201	17.4%
Influenza A (H1)	1	0.2%	6	0.1%
Influenza A (H3)	97	20.3%	622	9.0%
Influenza A (no subtype)	324	67.9%	4,685	67.9%
Influenza B	22	4.6%	382	5.5%
<b>Total</b>	<b>477</b>		<b>6,896</b>	

## INFLUENZA ACTIVITY IN THE UNITED STATES\*\*

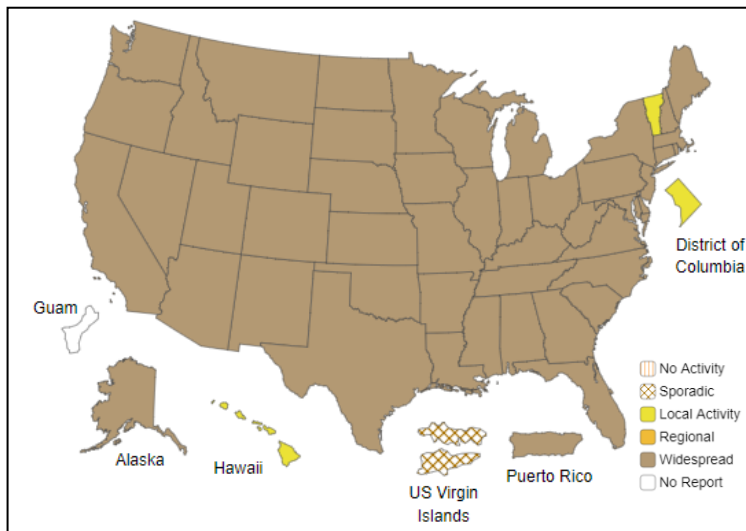
During Week 9, influenza activity continued to be elevated in all regions across the United States with the 2009 H1N1 subtype of influenza A predominating in some regions nationwide and H3 predominating in others. During Week 9, two states reported *local* activity and 48 states (including Utah) reported *widespread* activity (see Figure 3).

Collaborating clinical laboratories across the United States reported that 26.1% of respiratory specimens tested were positive for influenza in Week 9. Of those, 97.2% were typed as influenza A and 2.8% as influenza B.

CDC recently published the midseason estimates of the 2018-19 influenza vaccine effectiveness. Early estimates 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 9 (February 24 - March 2, 2019)



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## 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.



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](mailto:cpratt@co.davis.ut.us).