

DAVIS COUNTY

INFLUENZA REPORT

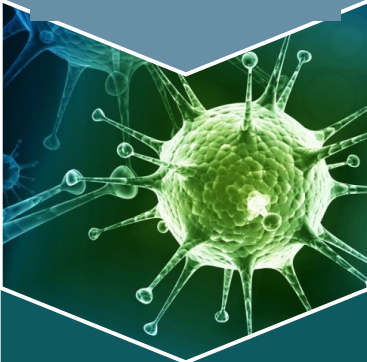
2018-19 Influenza Season Summary Week 19 - Week Ending 05/12/2019

LOCAL SUMMARY

ILI activity level:
MINIMAL

Total season hospitalizations:
152

Average weekly
ILI rate:
3.9%



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

The 2018-19 influenza season was unusually long, as influenza activity was elevated for 22 continuous weeks. While the season was overall less severe than the 2017-18 season, it was more severe than many other seasons in years past (see Figure 1). The season peak was mid-February in Utah, which is later than what is typical for our area (see Figure 2). Overall, the seasonal severity estimate was considered high and regional activity has continued in Utah through Week 19 of the season.

Figure 1. Hospitalized Influenza Cases, Davis County 2009 - 2019

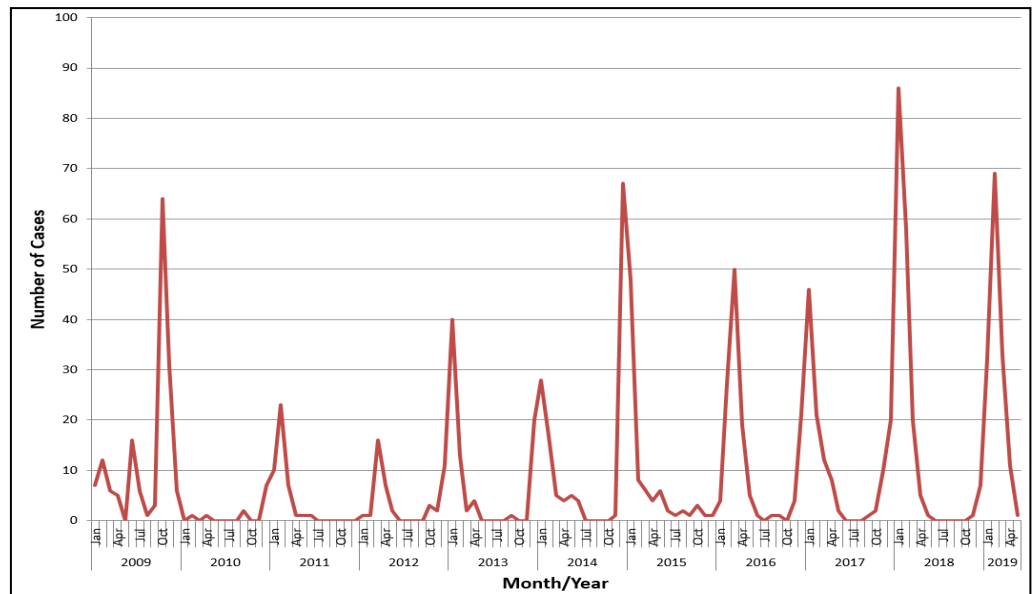
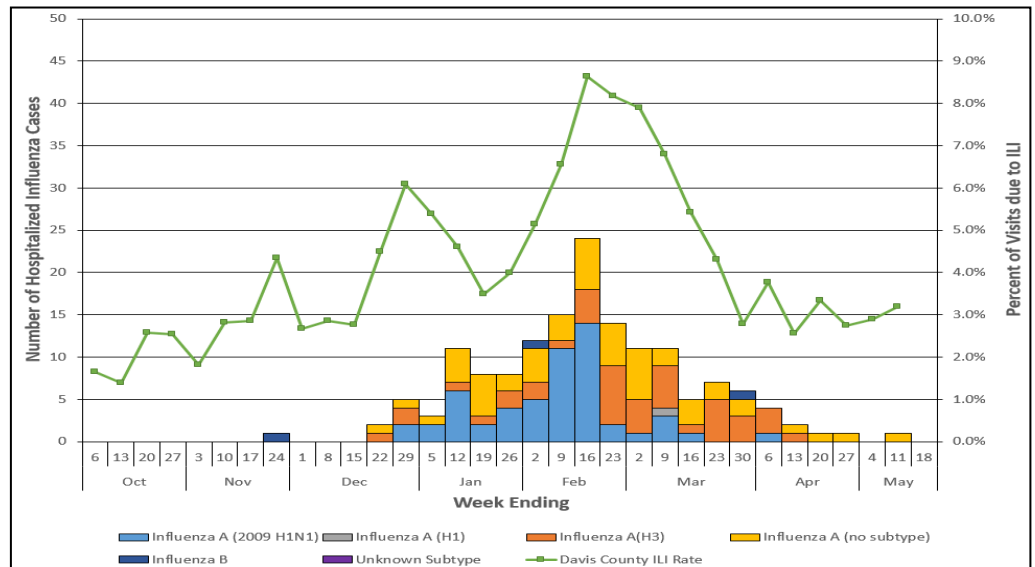


Figure 2. Hospitalized Influenza Cases, by subtype and admission date, Davis County, 2018-19



INFLUENZA ACTIVITY IN UTAH*

At the end of the season, nine of the 13 local health were reporting *minimal* ILI activity, and four were reporting continued *low* activity. The latest report indicates that there were a total of 1,769 hospitalizations throughout Utah during the 2018-19 season and over 8,500 positive influenza tests. The season was overall less severe than the 2017-18 season, however it was the longest season Utah has had in many years.

The majority (94.6%) of the positive specimens this season were typed as influenza A. 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)	4	17.4%	1,293	15.2%
Influenza A (H1)	0	0.0%	6	0.1%
Influenza A (H3)	5	21.7%	970	11.4%
Influenza A (unsubtyped)	10	43.5%	5,781	68.0%
Influenza B	4	17.4%	457	5.4%
Total	23		8,507	

INFLUENZA ACTIVITY IN THE UNITED STATES**

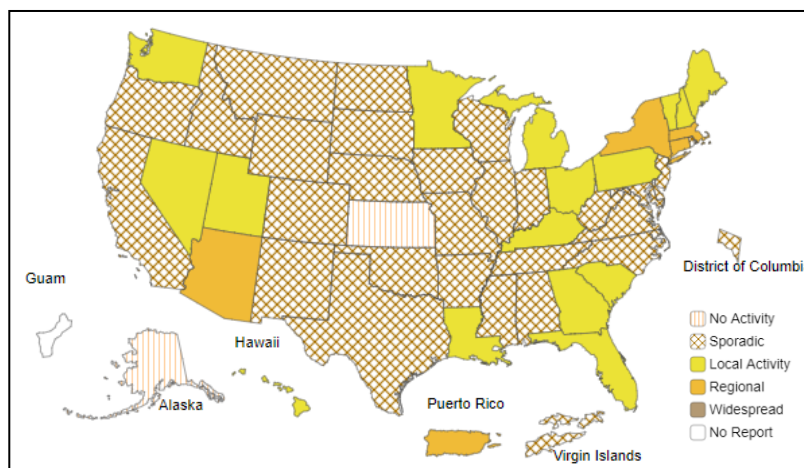
Influenza activity continues to decrease throughout the United States. The trends seen among viruses circulating in Utah were similar to those seen throughout the nation. While influenza A (H1N1) predominated from October through mid-February, influenza A (H3N2) was more commonly identified from mid-February through the end of the season.

During Week 19, two states reported *no* activity, 28 states reported *sporadic* activity, 16 states reported *local* activity (including Utah), and four states reported *regional* activity (see Figure 3).

Midseason estimates of the 2018-19 influenza vaccine effectiveness indicated 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 19 (May 5 - 11, 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.

