

# Respiratory Illness Report

Week Ending January 28, 2023

## Weekly Summary

Nationwide, seasonal Influenza activity continues to decline across the country. All viruses collected and evaluated this season have been susceptible to the Influenza antivirals peramivir, zanamivir, and baloxavir. All viruses except for one (99.9%) have been susceptible to the Influenza antiviral oseltamivir.

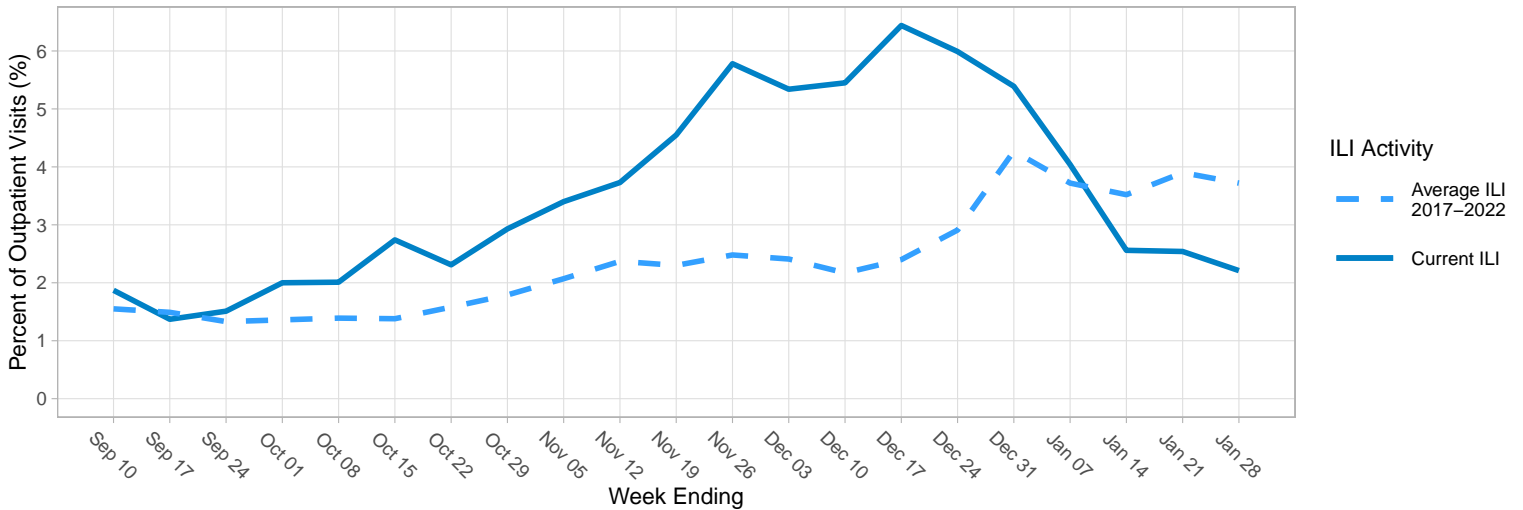
In addition, the majority of Influenza viruses tested are in the same genetic subclade as and antigenically similar to the Influenza viruses included in this season's Influenza vaccine.

In Utah for COVID-19 wastewater surveillance trends, we continue to see broadly plateauing or decreasing levels at many sites across the state. In Davis County, three of the four wastewater sampling sites showed a plateau/no trend for the last 13 days since January 26. During this same timeframe, the fourth Davis County site showed a decreasing trend. This fourth site is located in southern Davis County in the North Salt Lake area.

## Influenza-Like Illness

Graph 1 displays the weekly percentage of outpatient visits due to Influenza-like illness (ILI). For comparison, the dashed line shows the previous 5-year average (2017-2022) of ILI activity.

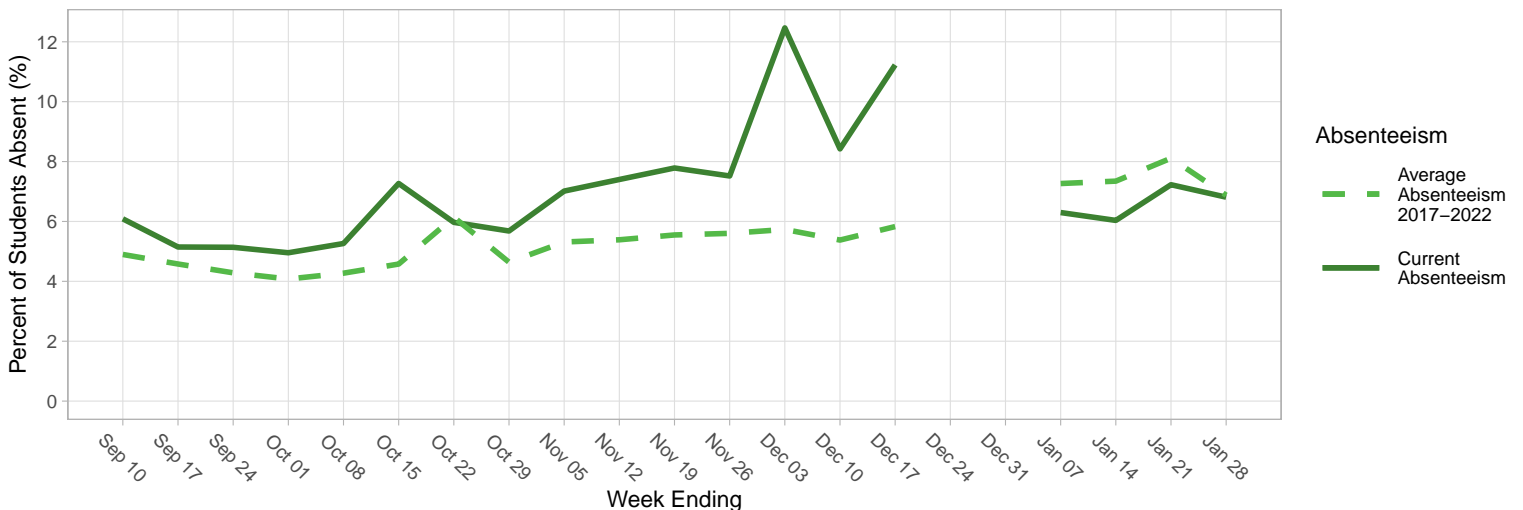
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



## School Absenteeism

Graph 2 displays the weekly percentage of elementary school absenteeism in Davis School District. For comparison, the dashed line shows the previous 5-year average (2017-2022) of elementary school absenteeism.

Graph 2. Percentage of Elementary School Absenteeism, by Week, Davis School District, Utah



## Emergency Department Visits

Graph 3 displays the rolling 7 day average of the percent of emergency department (ED) visits due to COVID-19, Influenza, and Respiratory Syncytial Virus (RSV). These data are obtained from syndromic surveillance and only consider the diagnosis discharge codes for each condition. Table 1 presents two data points for each virus: the current trend of ED visits for each virus (increasing, decreasing, or no change), and the count of ED visits during that time frame.

Graph 3. Percent of ED Visits due to COVID-19, Influenza, & RSV, Rolling 7-day Average, Davis County, Utah

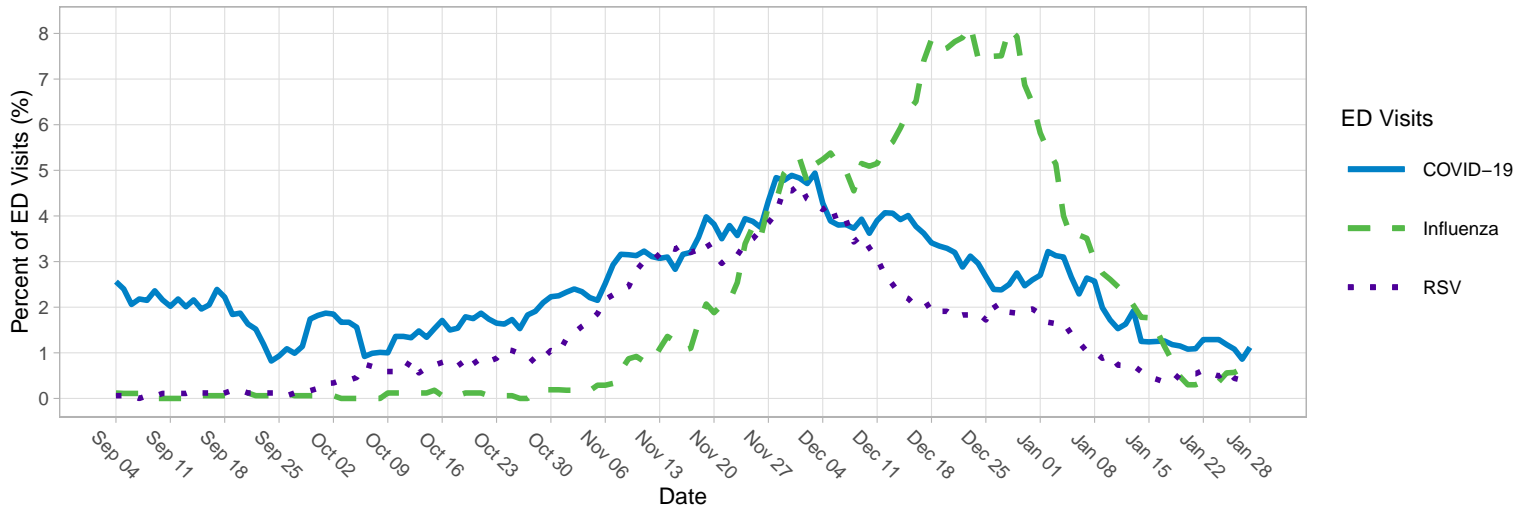


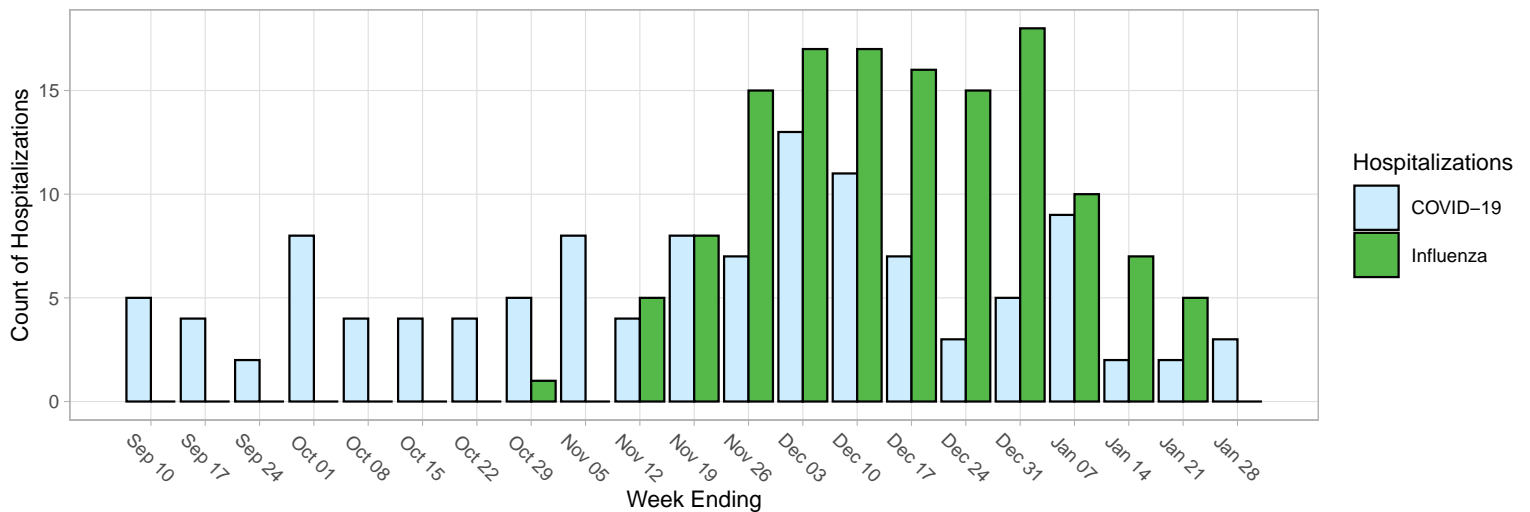
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Jan 28, 2023

Virus	Trend	Count of ED Visits
COVID-19	Decreasing (last 7 days)	16 (last 7 days)
Influenza	Plateau/no trend (last 14 days)	13 (last 14 days)
RSV	Decreasing (last 7 days)	5 (last 7 days)

## Hospitalizations

Graph 4 displays the weekly count of hospitalizations due to COVID-19 and Influenza.

Graph 4. Count of Hospitalizations due to COVID-19 & Influenza, Davis County, Utah



## Vaccine Information

**Influenza:** Everyone age 6 months and older should receive an Influenza vaccine by the end of October every year.

**COVID-19:** CDC recommends primary vaccines for everyone ages 6 months and over. The bivalent booster is available for ages 5 and over. Children ages 6 months through 5 years may receive a bivalent booster if they complete the Moderna 2-dose primary series; those completing a Pfizer primary series may receive a Pfizer bivalent vaccine as a third primary dose.