

Respiratory Illness Report

Week Ending February 4, 2023

Weekly Summary

Nationwide, seasonal Influenza activity is low. Seven of the 10 United States Health and Human Services regions were below their outpatient respiratory illness baselines. Utah is part of Region 8, which is one of the seven regions seeing this decline.

In Utah, there continues to be a decline in Influenza hospitalizations, positive labs, and Influenza-like illness visits. However, the Utah Department of Health and Human Services continues to recommend interpreting these trends with caution as data may backfill.

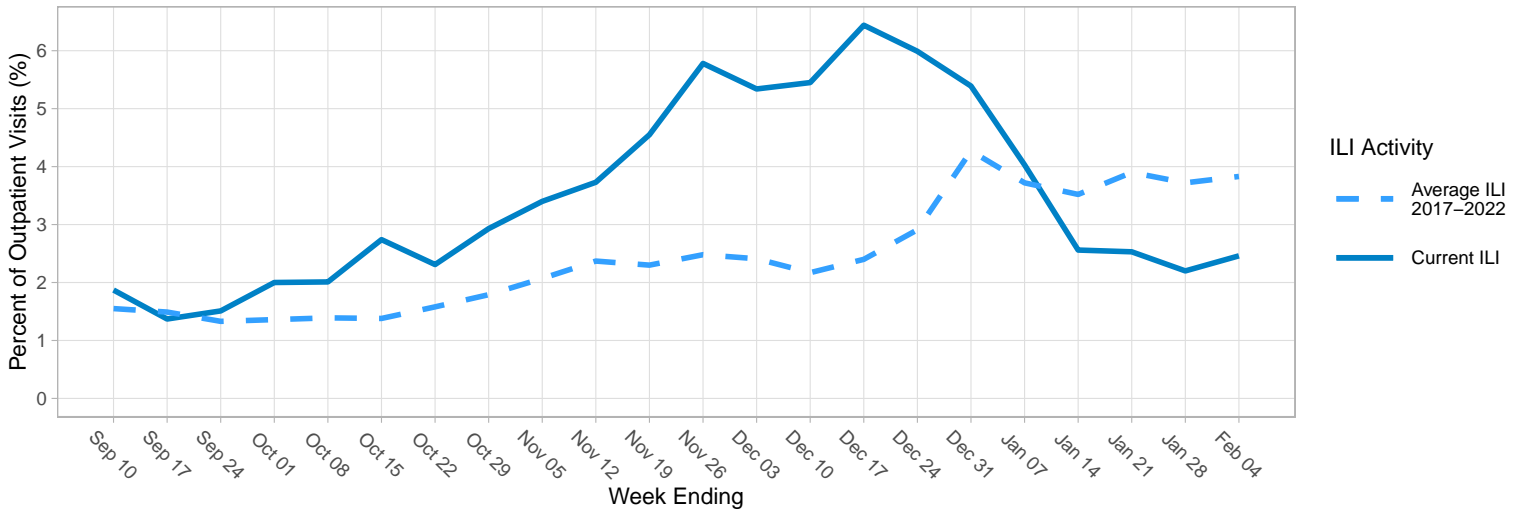
Additionally, the cumulative Influenza-associated hospitalization rate in Utah for those age 65 and over continues to remain high this season at 161 hospitalizations per 100,000 people. Those age 0 to 4 currently have the second highest Influenza hospitalization rate at 57 hospitalizations per 100,000 people.

Davis County saw an increase in COVID-19-related emergency department visits over the past week. We will continue to watch this trend to see if it continues.

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.

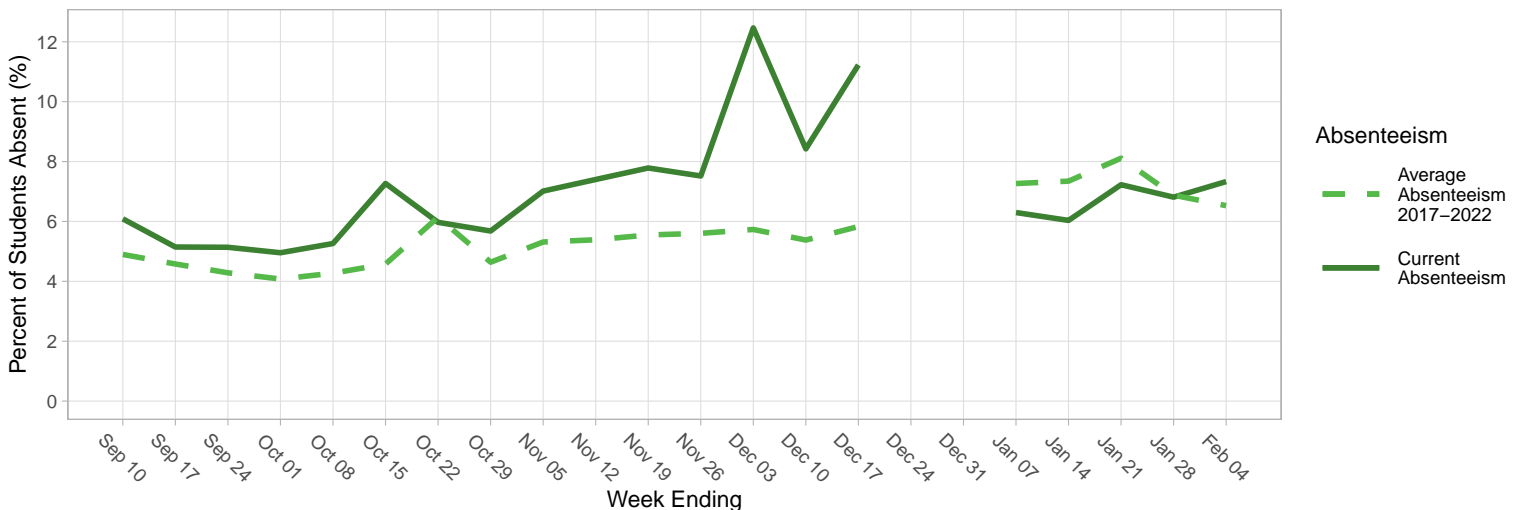
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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

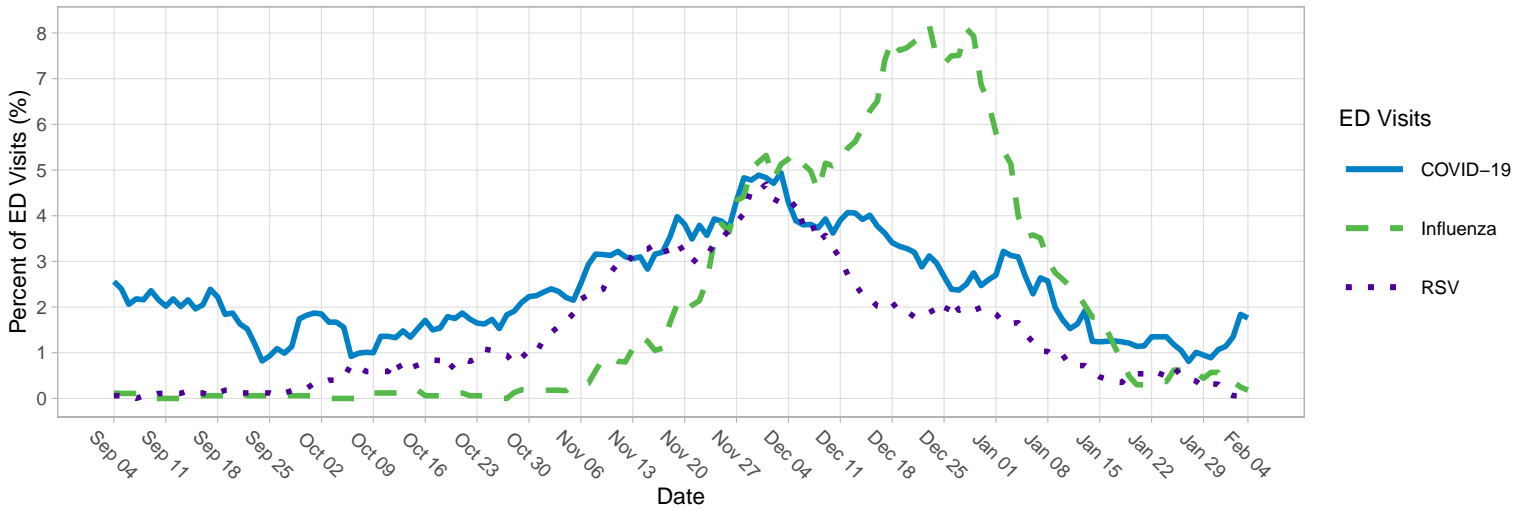


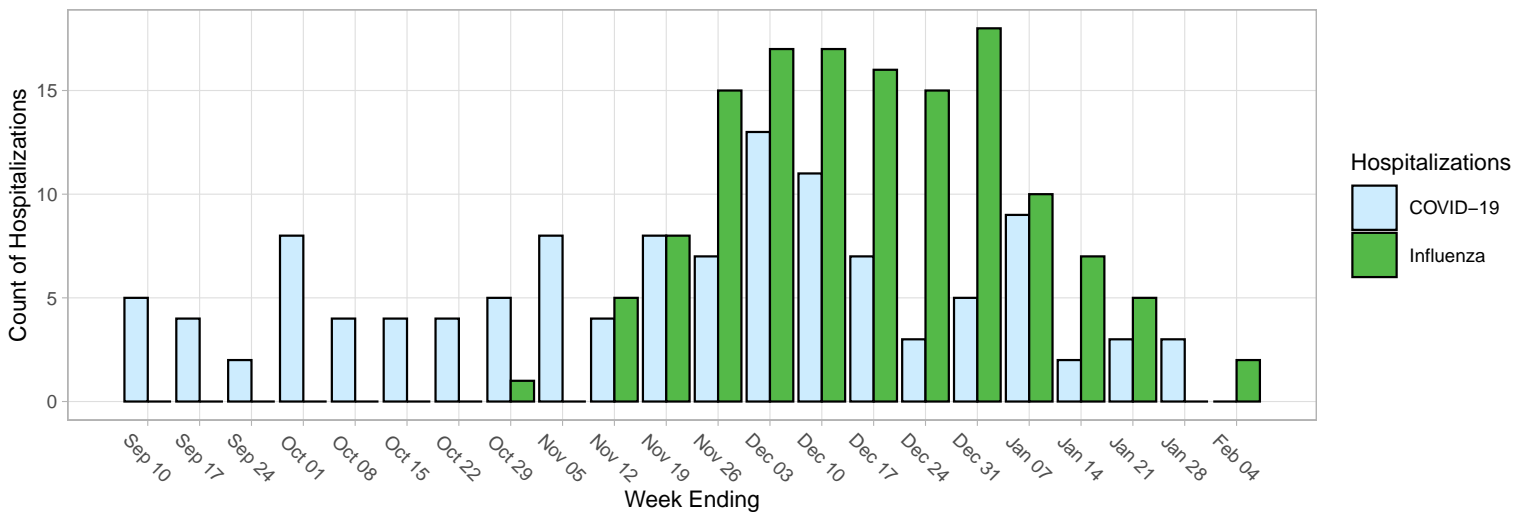
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Feb 04, 2023

Virus	Trend	Count of ED Visits
COVID-19	Increasing (last 7 days)	29 (last 7 days)
Influenza	Decreasing (last 7 days)	3 (last 7 days)
RSV	Decreasing (last 14 days)	8 (last 14 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.