

# Respiratory Illness Report

Week Ending December 31, 2022

## Weekly Summary

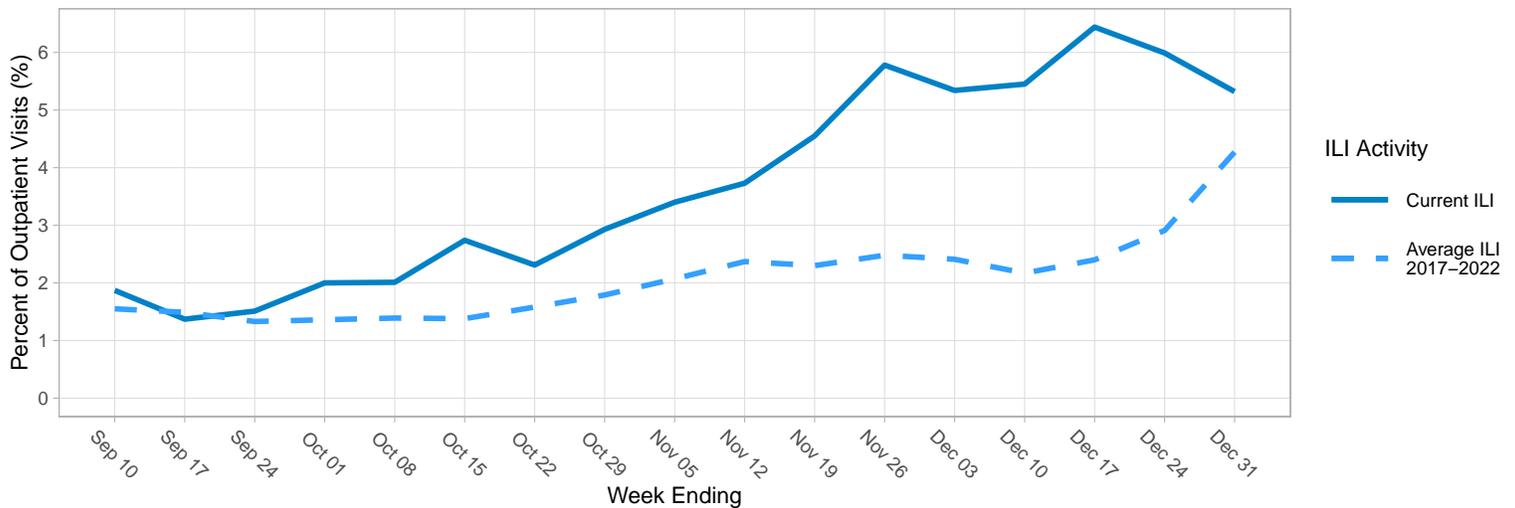
Nationally, seasonal Influenza activity remains high but continues to decline in most areas. Utah is still experiencing a slight overall increase in Influenza activity and is currently at a moderate level of severity. Although the number of new hospitalizations, positive labs, and Influenza-like illness (ILI) visits are slowing down, it is uncertain whether this trend will continue. Davis County Influenza-like illness (ILI) activity currently at a high level.

School Absenteeism data was not collected for the weeks ending on December 24 and 31, 2022 due to schools being on winter break.

## 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.

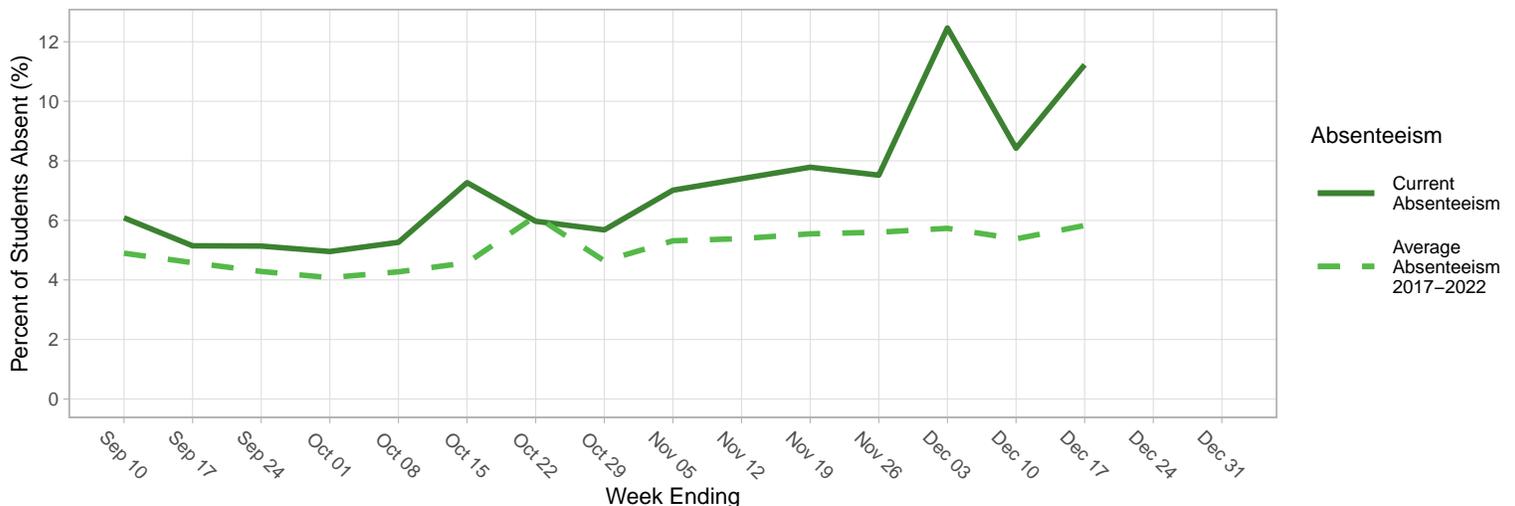
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



## 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

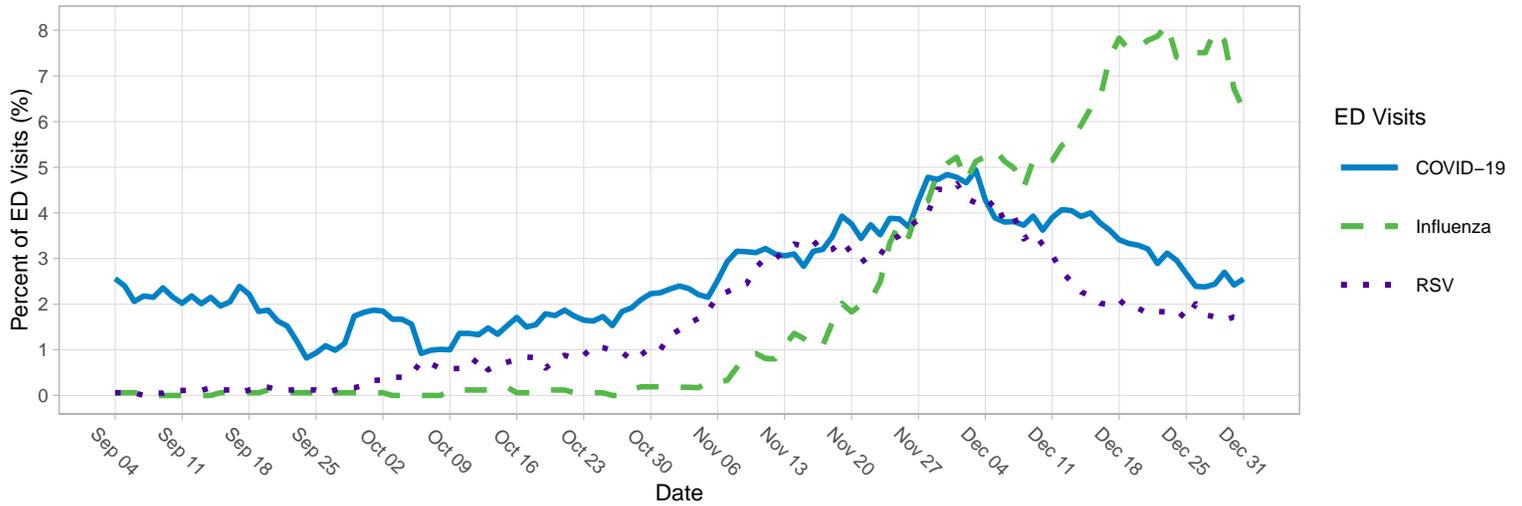


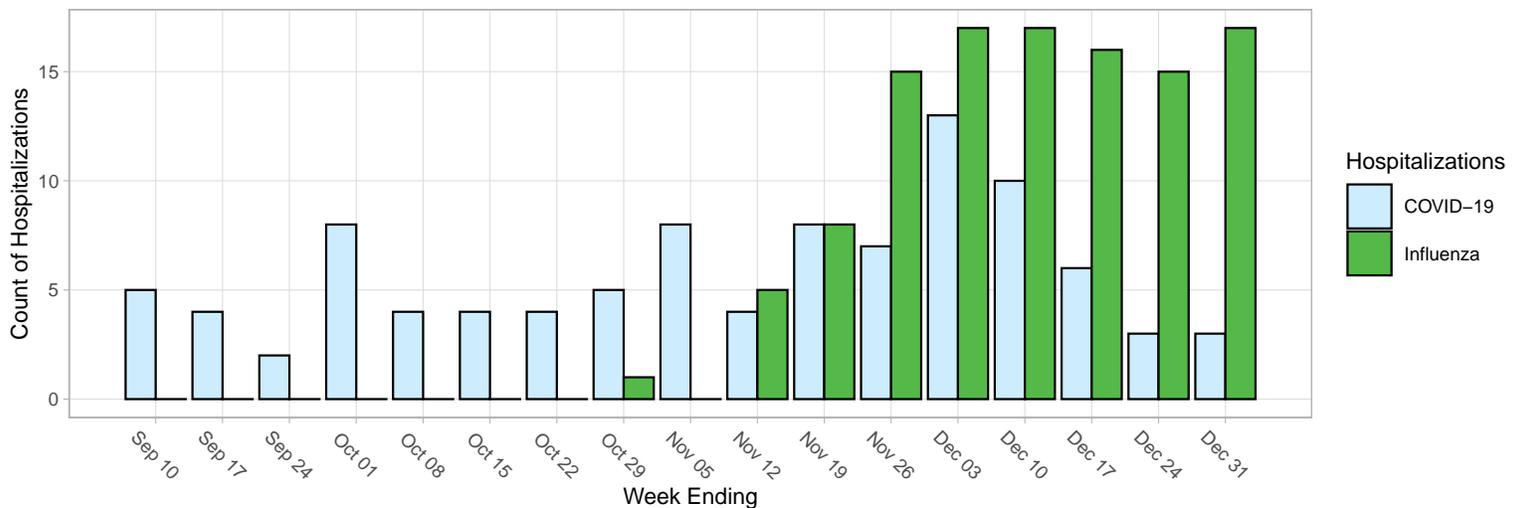
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Dec 31, 2022

Virus	Trend	Count of ED Visits
COVID-19	Decreasing (last 14 days)	102 (last 14 days)
Influenza	Plateau/no trend (last 14 days)	253 (last 14 days)
RSV	Decreasing (last 14 days)	66 (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.