

# Respiratory Illness Report

Week Ending October 29, 2022

## Weekly Summary

There have been 25 Influenza hospitalizations in Utah since October 2. This is the highest number of Influenza hospitalizations four weeks in to the Influenza reporting season (week 43) since 2018. Davis County reported its first Influenza-associated hospitalization this season. Nationwide, one human infection with a novel Influenza A virus was reported by the New Mexico Department of Health.

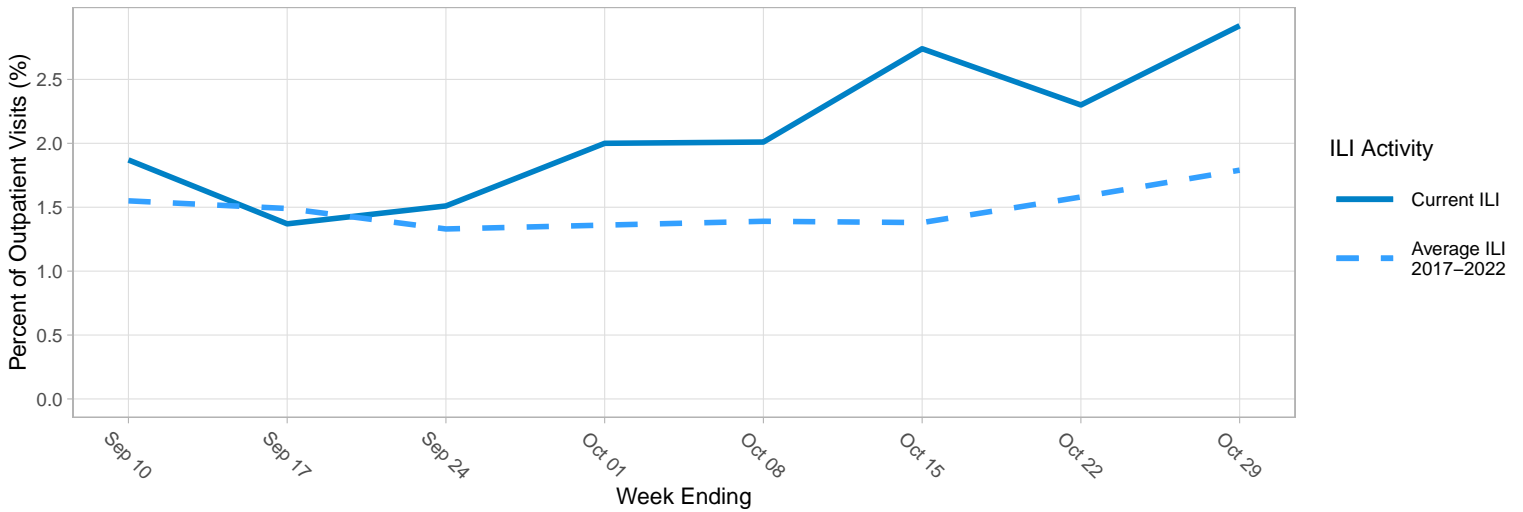
In Davis County, visits at the emergency department (ED) for COVID-19, Influenza, and RSV are currently showing no trend. Children ages 0 to 4 accounted for 86% of ED visits due to RSV since October 16.

Nationwide, preliminary data from October 2022 show that weekly rates of RSV-associated hospitalizations among children younger than 18 years old are higher than rates observed during similar weeks in recent years. While RSV activity appears to be plateauing in some places, the timing, intensity, and severity of the current RSV season are uncertain.

## 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.

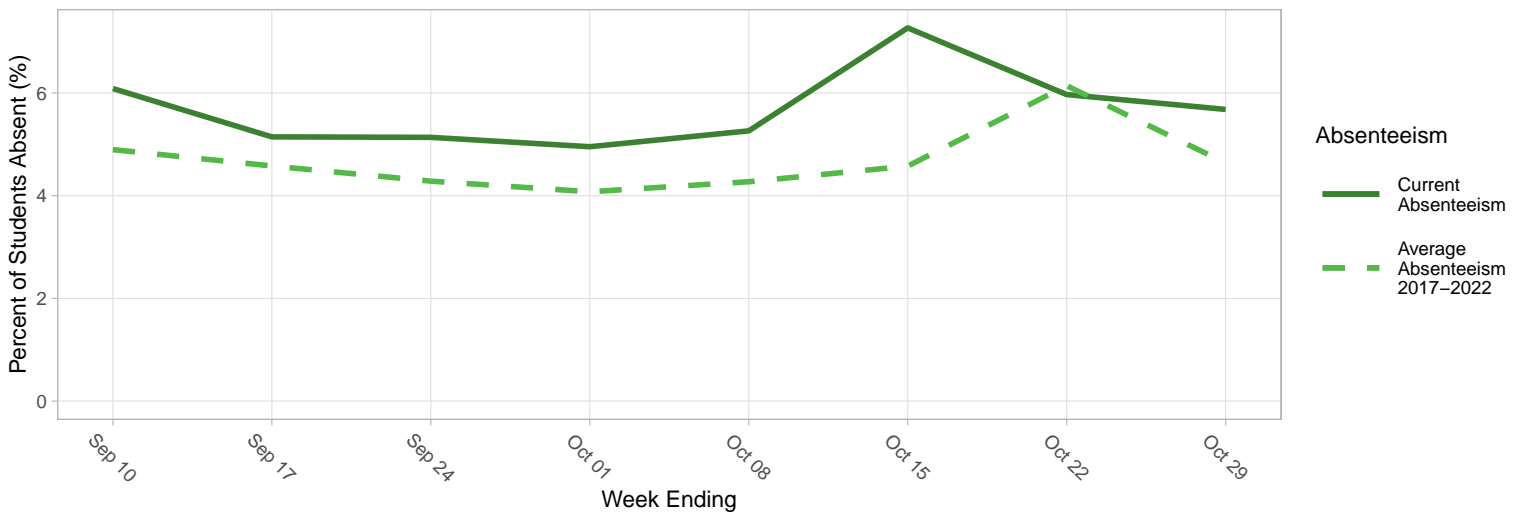
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



## 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

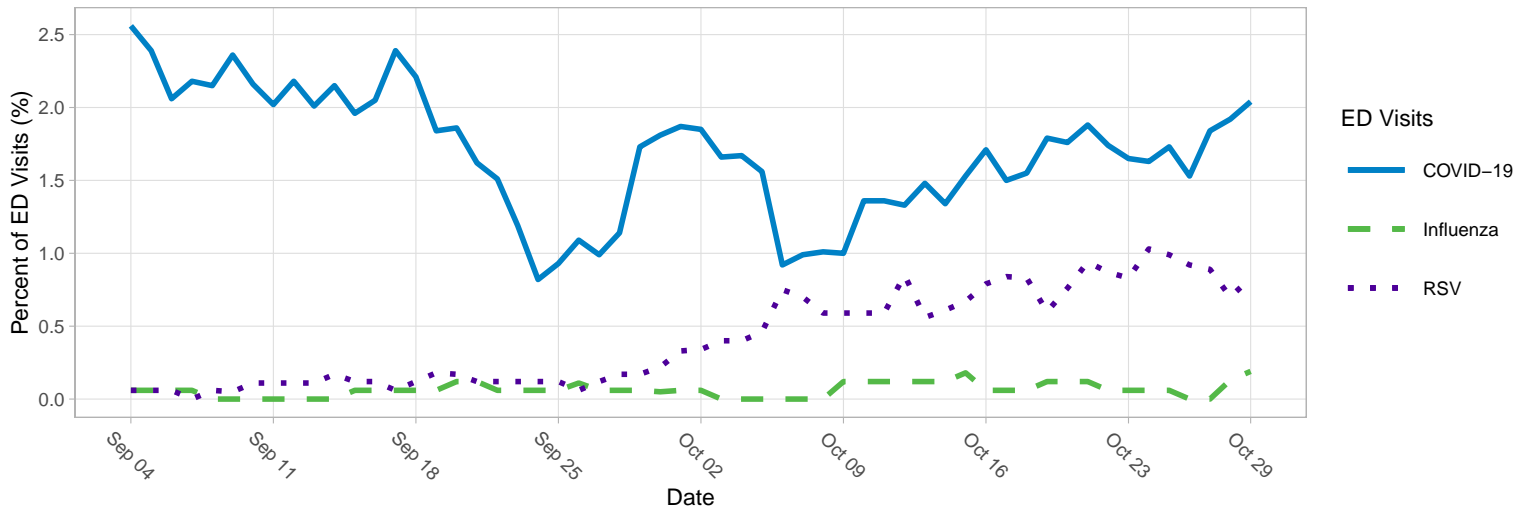


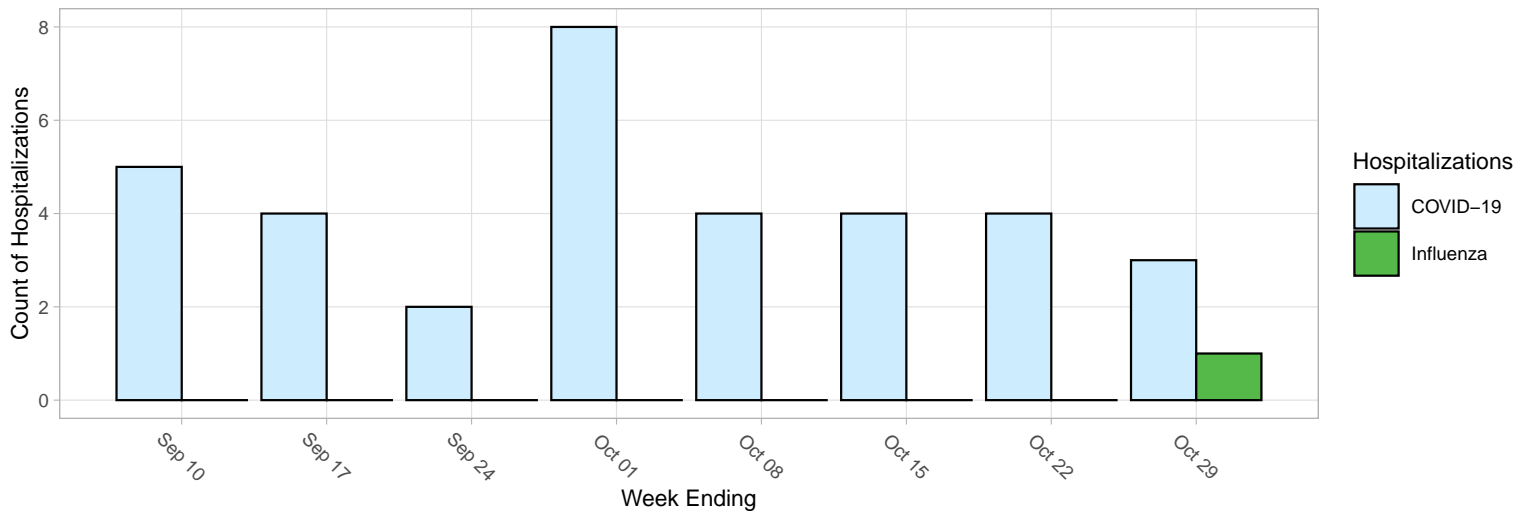
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Oct 29, 2022

Virus	Trend	Count of ED Visits
COVID-19	Plateau/no trend (last 14 days)	62 (last 14 days)
Influenza	Plateau/no trend (last 14 days)	4 (last 14 days)
RSV	Plateau/no trend (last 14 days)	28 (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 currently recommends COVID-19 primary vaccines for everyone ages 6 months and older. The updated bivalent booster is available for ages 5 and over. Children ages 6 months to 4 years old are currently not eligible to receive any booster doses.