

# Respiratory Illness Report

Week Ending November 19, 2022

## Weekly Summary

For the past three weeks (October 30 to November 19), the rate of ED visits for RSV among children ages 0-4 has been nearly 6 times as high compared to the same time period in 2017-2021.

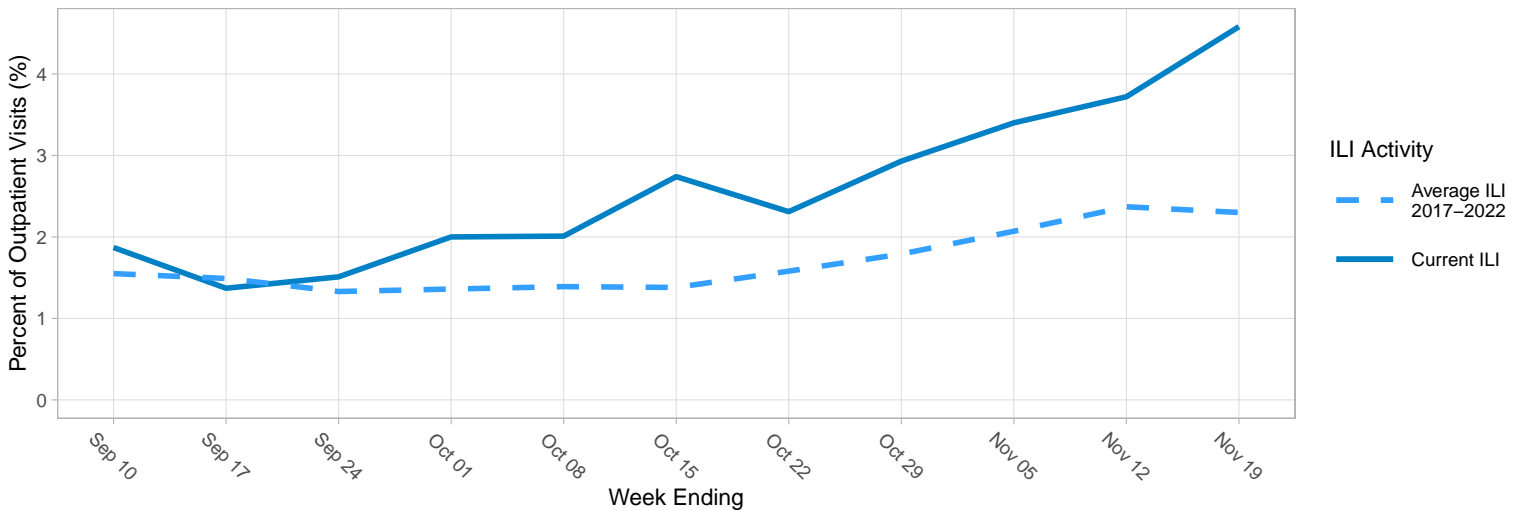
This week in Utah there was an increase in all indicators of Influenza activity, including number of Influenza-associated hospitalizations, levels of Influenza-like illness, and number of positive Influenza labs reported.

The majority of Influenza viruses detected this season have been Influenza A(H3N2) viruses, but the proportion of subtyped Influenza A viruses that are A(H1N1) is increasing slightly.

## 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.

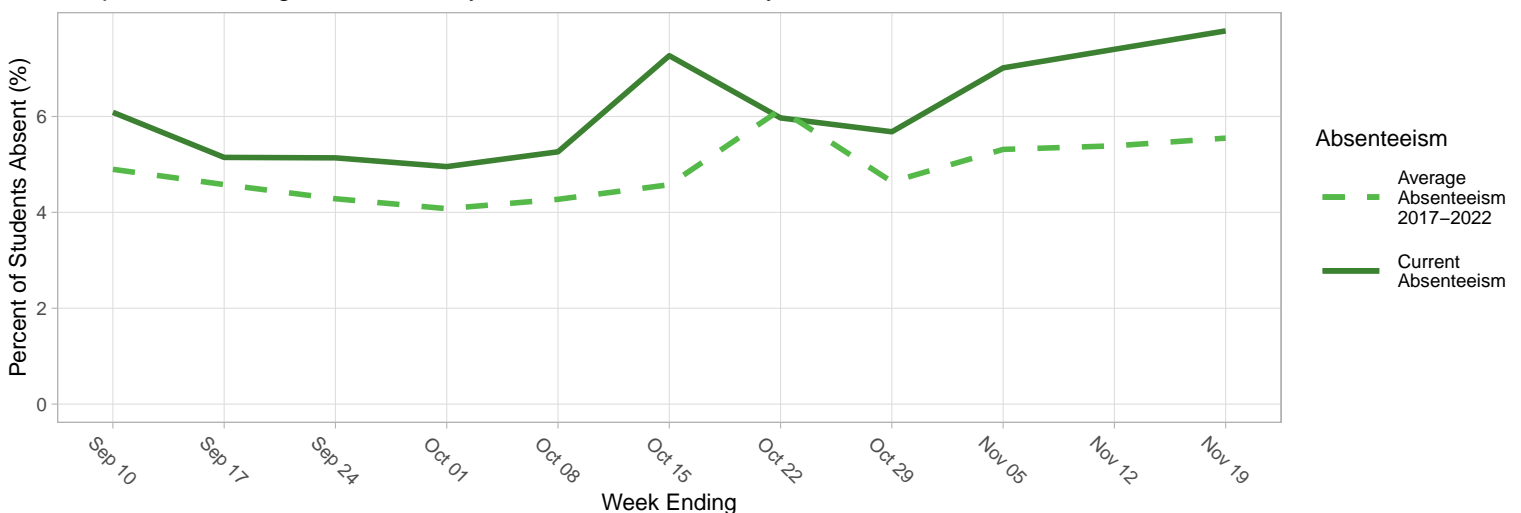
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



## 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

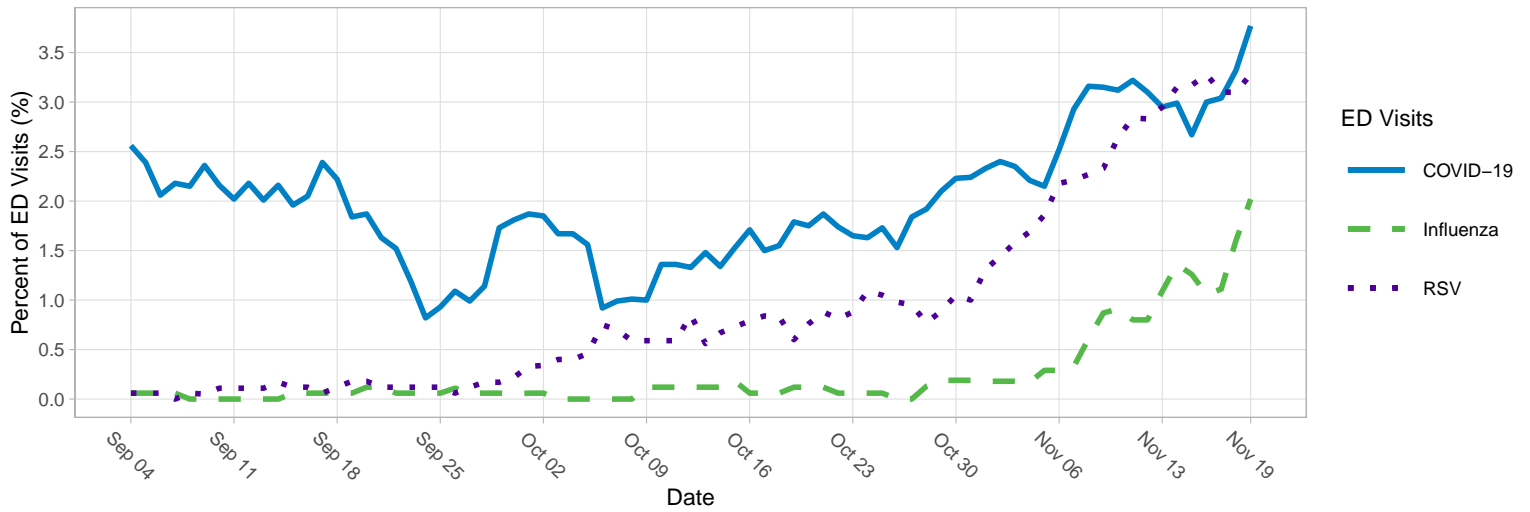


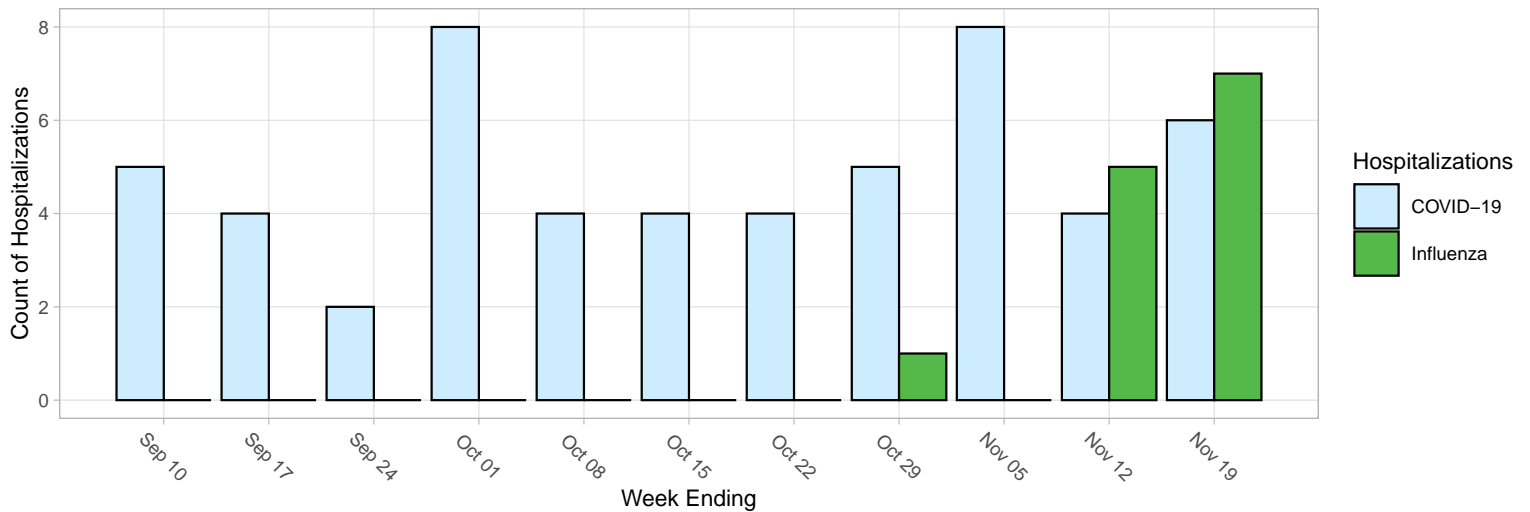
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Nov 19, 2022

Virus	Trend	Count of ED Visits
COVID-19	Increasing (last 7 days)	69 (last 7 days)
Influenza	Increasing (last 14 days)	52 (last 14 days)
RSV	Increasing (last 14 days)	113 (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.