

# Respiratory Illness Report

Week Ending November 5, 2022

## Weekly Summary

This week in Utah, Influenza-like illness (ILI) activity increased to 2.53% statewide. This indicates that the transmission of Influenza and other respiratory diseases is likely increasing in the state. Other states in the country are experiencing early Influenza activity and expect severe seasons. Though ILI trends continue to increase, Davis County ILI activity is considered low.

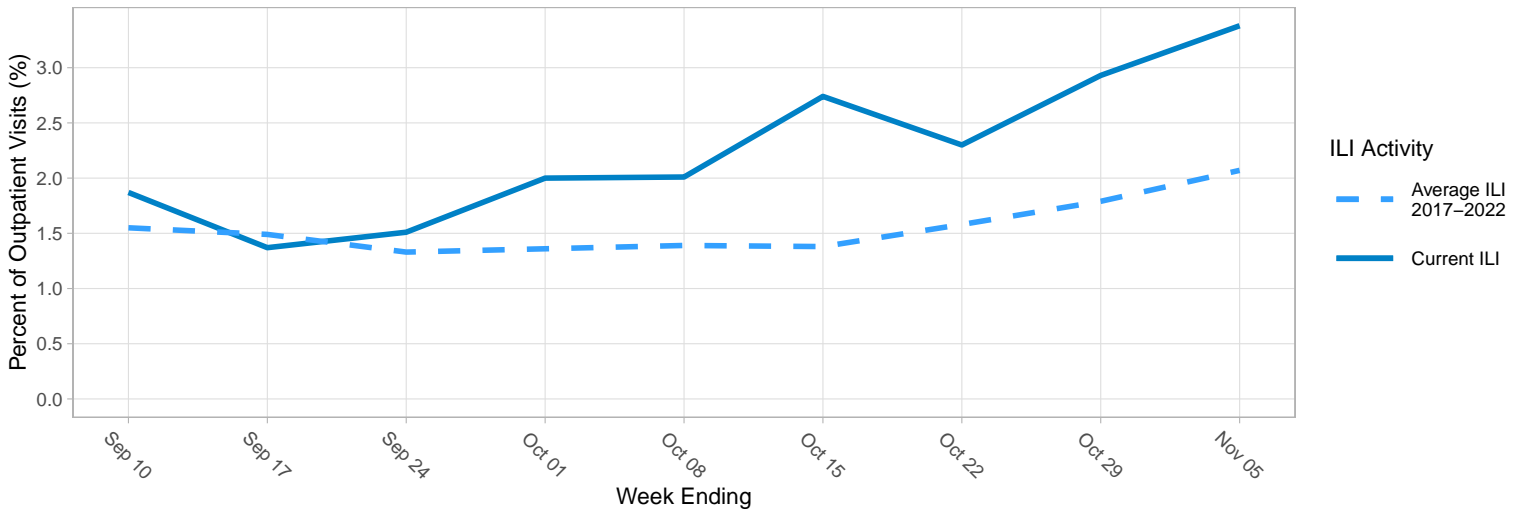
There have been 35 Influenza hospitalizations in Utah since October 2. Influenza-associated hospitalizations rates are currently highest among individuals 65 years or older at 2.98 cases per 100,000 individuals.

In Davis County, RSV activity increased this week, with case counts more than doubling from last week. This increase is in line with the RSV activity happening nationwide. From September 25 to November 5, ED visits for RSV among children ages 0 to 4 in Davis County have been three times as high when compared to the same time period from 2017 to 2021.

## 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.

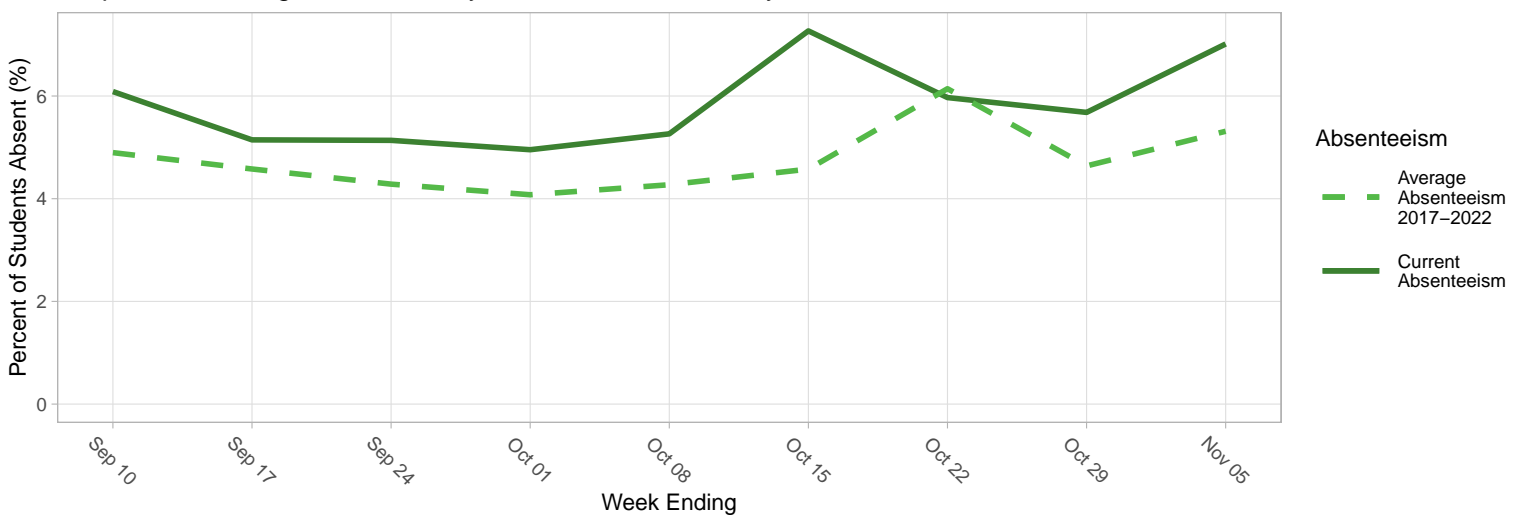
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



## 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

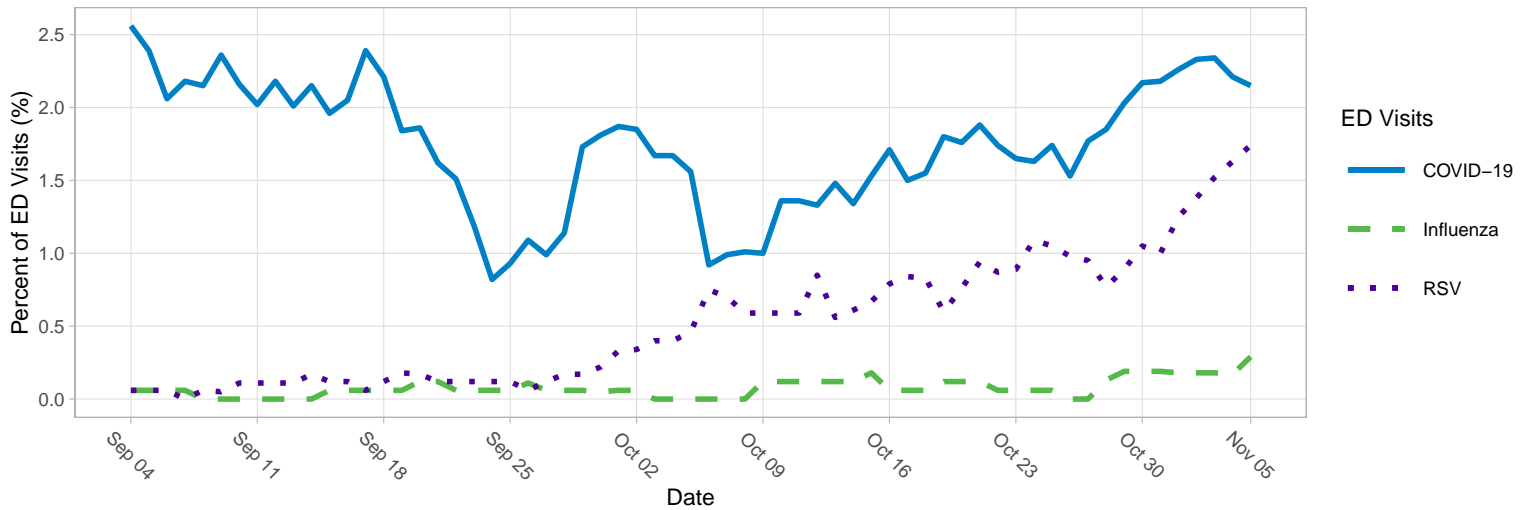


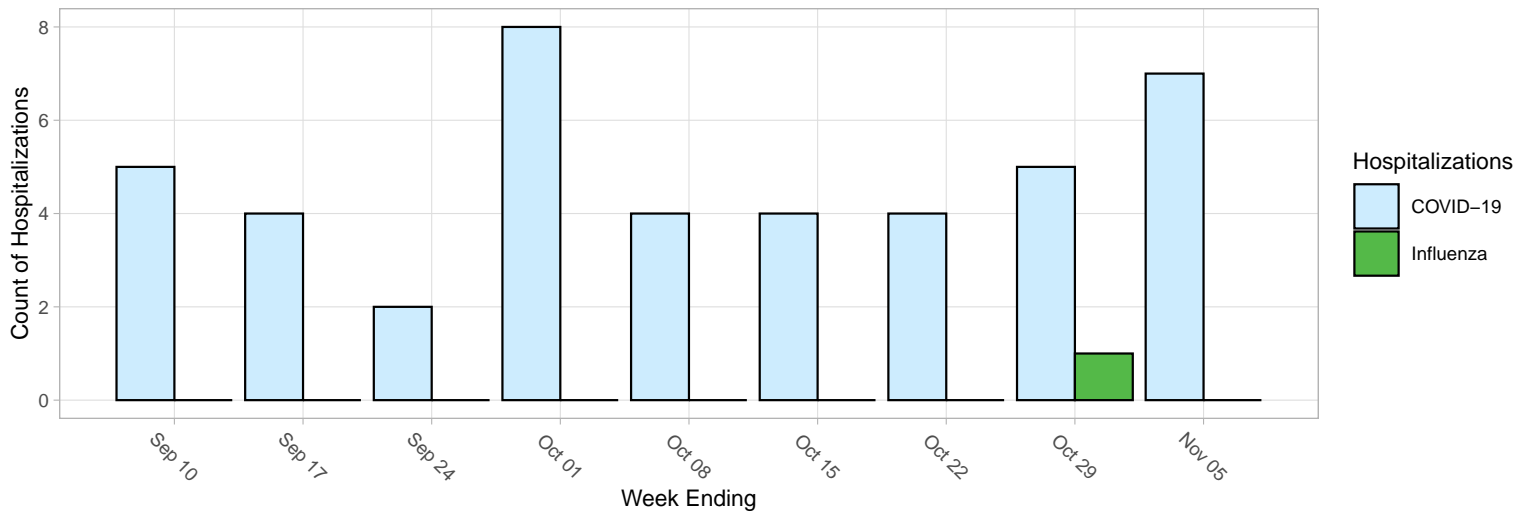
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Nov 05, 2022

| Virus     | Trend                     | Count of ED Visits |
|-----------|---------------------------|--------------------|
| COVID-19  | Increasing (last 14 days) | 69 (last 14 days)  |
| Influenza | Increasing (last 14 days) | 8 (last 14 days)   |
| RSV       | Increasing (last 14 days) | 44 (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.