

Respiratory Illness Report

Week Ending October 22, 2022

Weekly Summary

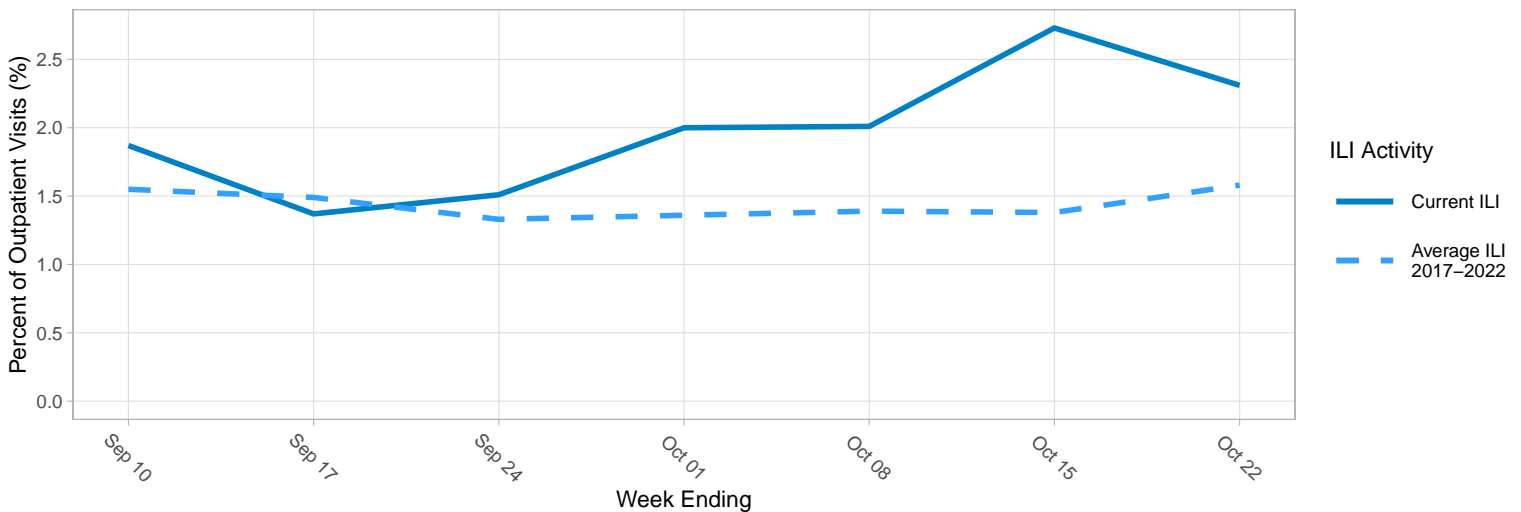
There have been 13 Influenza hospitalizations in Utah since October 2. This is the highest number of Influenza hospitalizations three weeks in to the Influenza reporting season (week 42) since 2018. Davis County has yet to have any reported Influenza hospitalizations. Nationwide, the cumulative hospitalization rate in the FluSurv-NET system is higher than the rate observed in week 42 during previous seasons going back to 2010-2011.

The percentage of emergency department (ED) visits for RSV have continued to increase in Davis County for the past two weeks. The overall statewide trend of RSV ED visits is following a similar trajectory. Nationwide, the percent positive of RSV detections has continued to increase, with PCR detections at 17.0%. While percent positive of antigen detection has been increasing too, this week's percentage of 13.7% is a decrease from last week's level of 15.3%.

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.

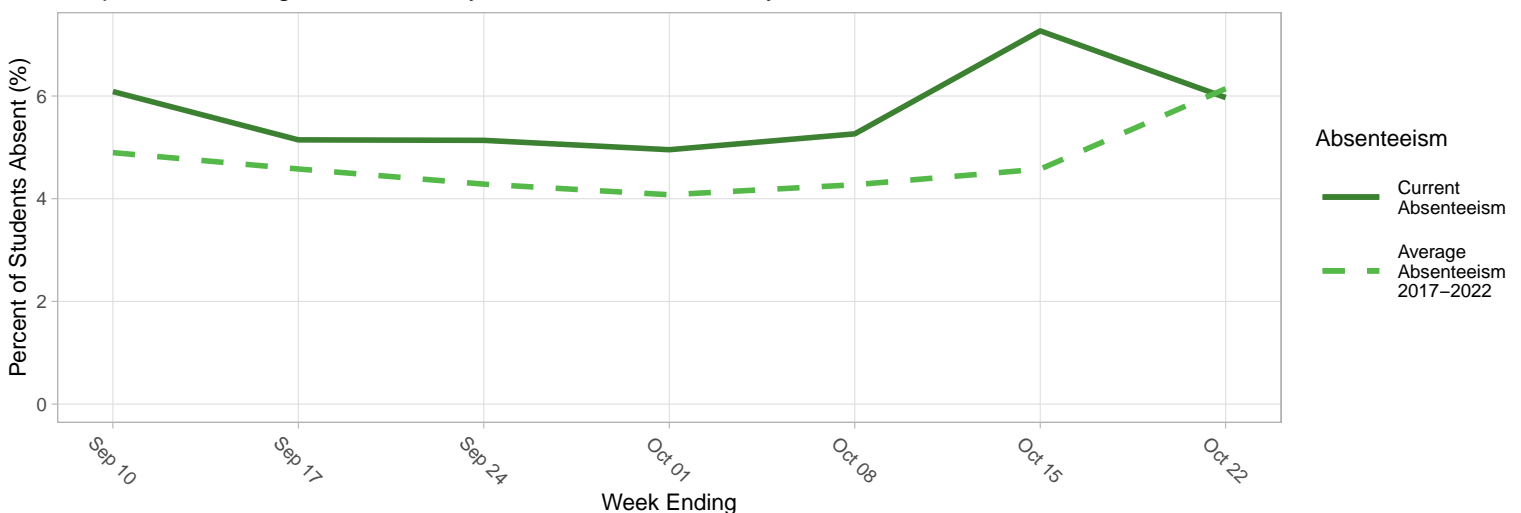
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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

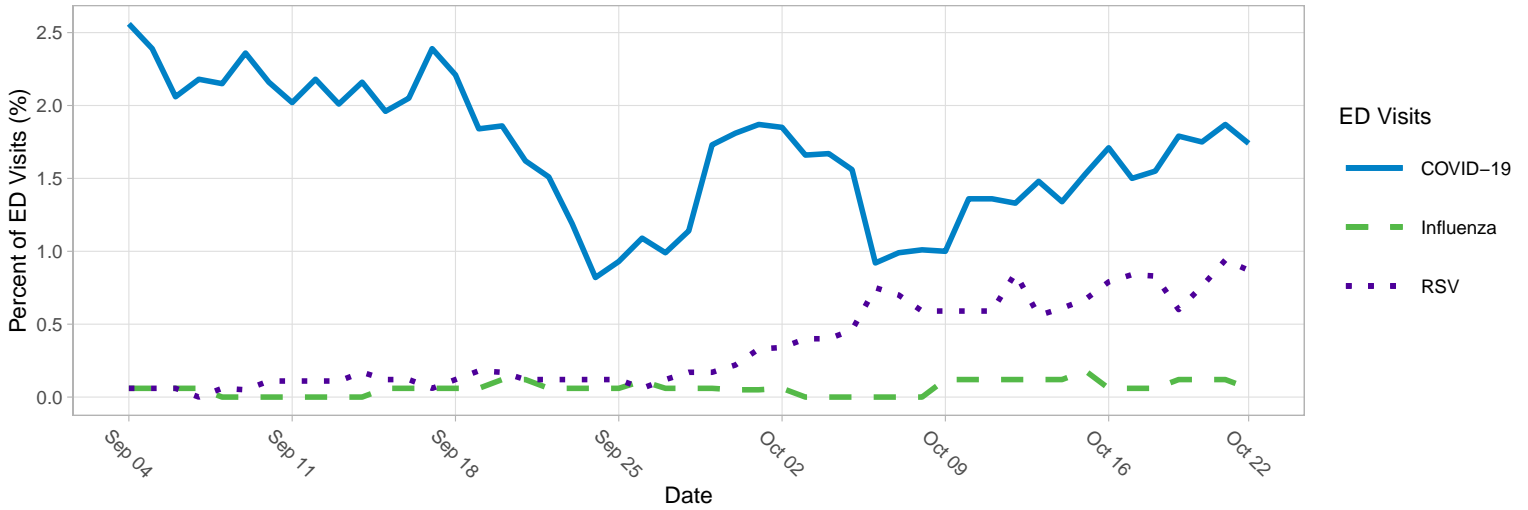


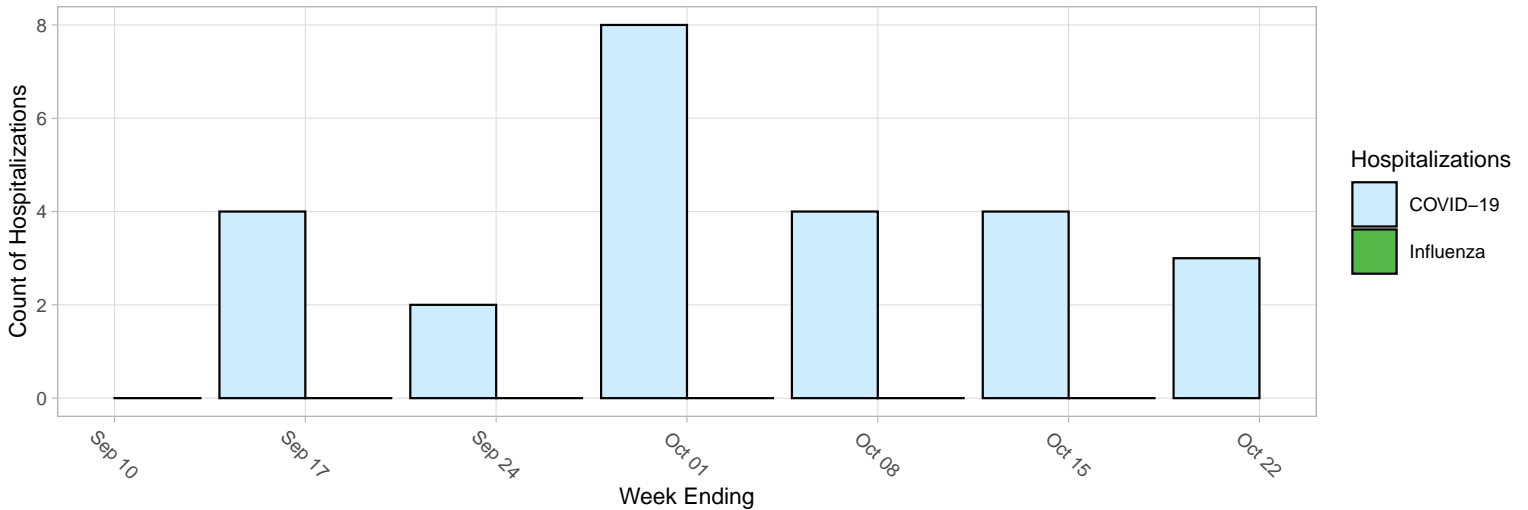
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Oct 22, 2022

Virus	Trend	Count of ED Visits
COVID-19	Increasing (last 14 days)	55 (last 14 days)
Influenza	Plateau/no trend (last 14 days)	4 (last 14 days)
RSV	Increasing (last 14 days)	26 (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.