

Respiratory Illness Report

Week Ending November 26, 2022

Weekly Summary

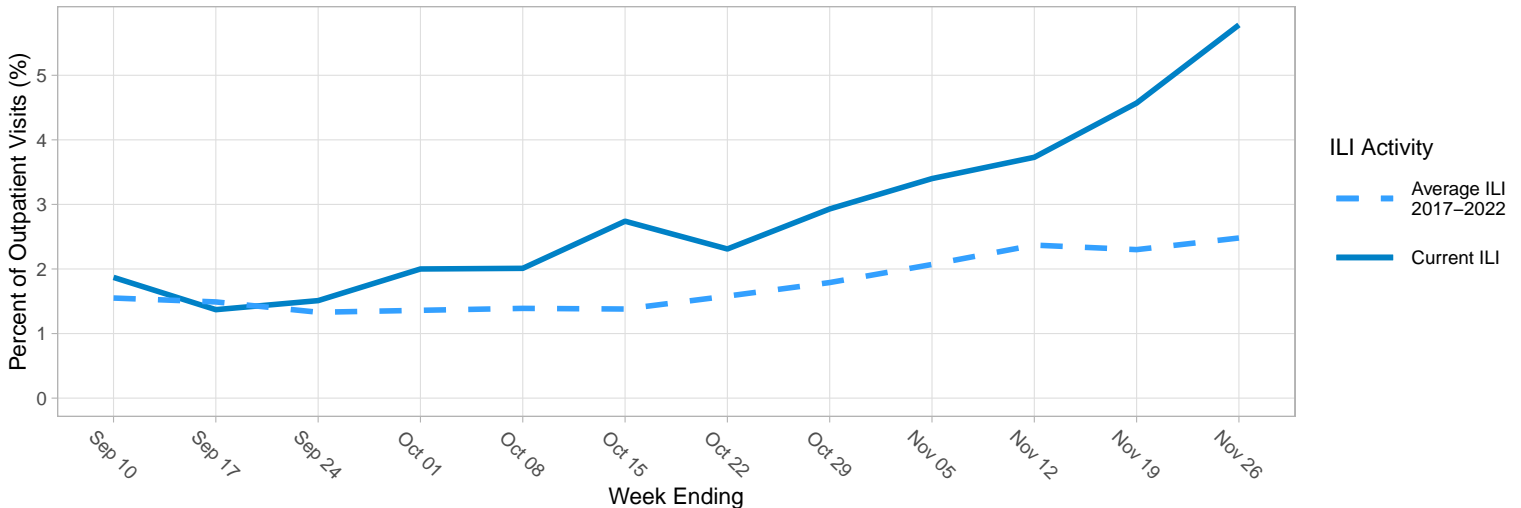
According to the CDC, the majority of Influenza viruses tested are in the same genetic subclade as and antigenically similar to the Influenza viruses included in this season's Influenza vaccine. Also, all viruses collected and evaluated this season have been susceptible to Influenza antivirals.

In Davis County this week, Influenza-like illness (ILI) activity moved from low activity to moderate activity. This activity shift reflects the increasing trends we are seeing in our community with Influenza. Though historically respiratory illnesses peak in later months (typically between December and February), we expect a severe and early season.

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.

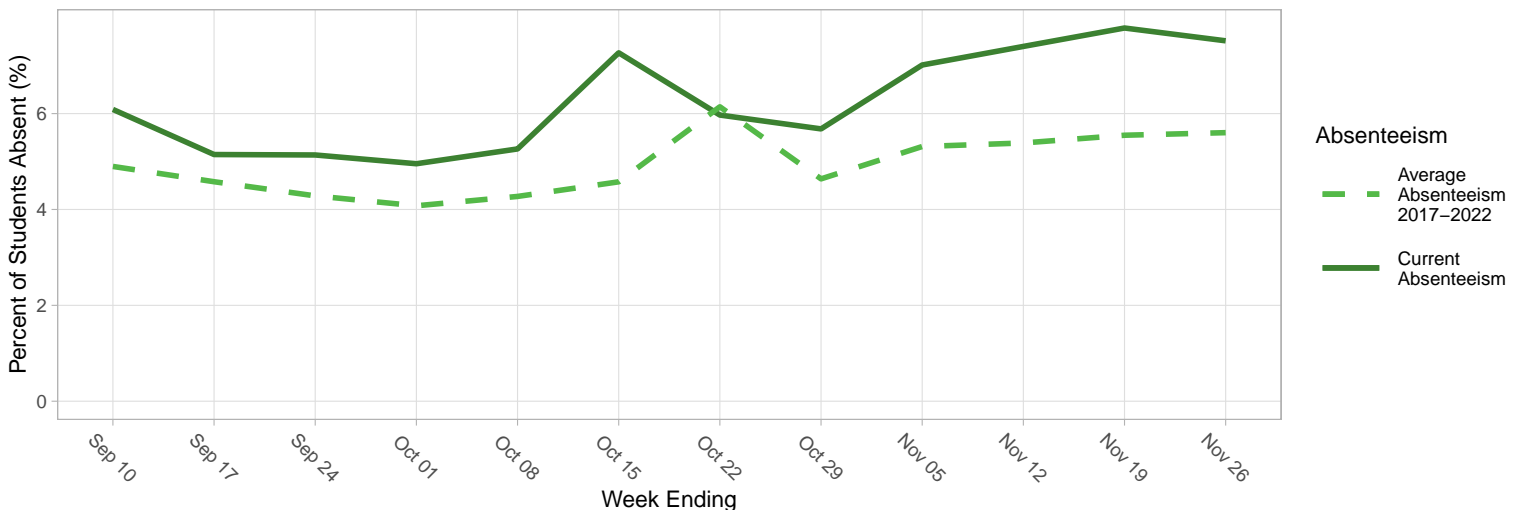
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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

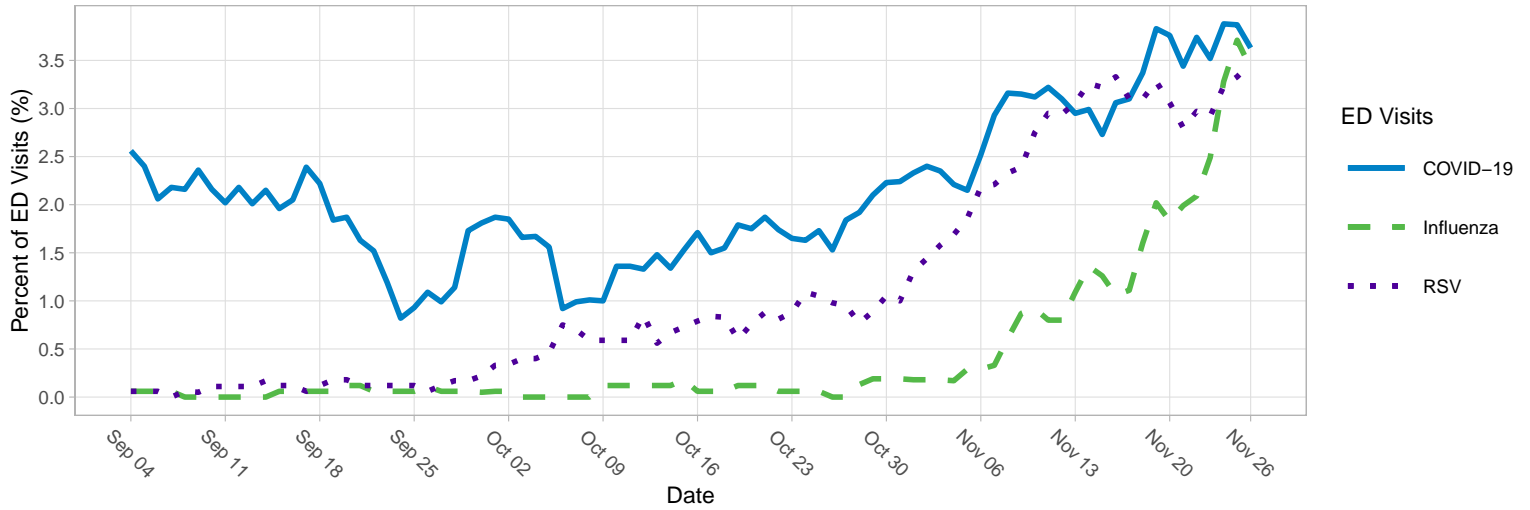


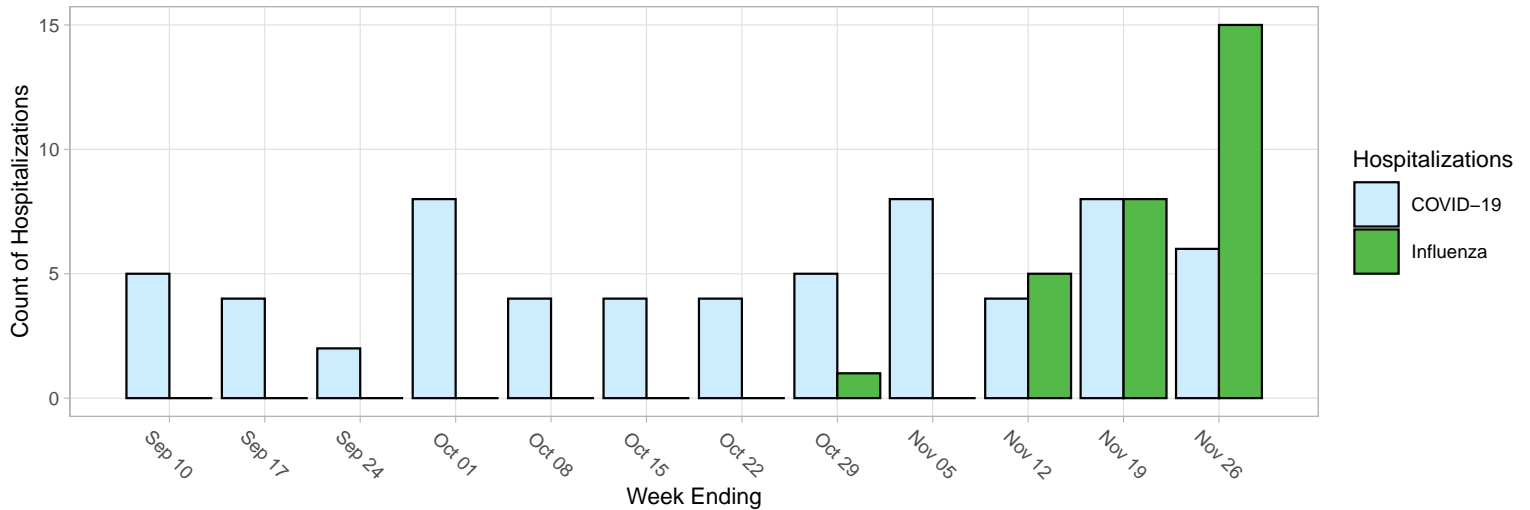
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Nov 26, 2022

Virus	Trend	Count of ED Visits
COVID-19	Increasing (last 14 days)	138 (last 14 days)
Influenza	Increasing (last 14 days)	101 (last 14 days)
RSV	Plateau/no trend (last 14 days)	125 (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.