

Respiratory Illness Report

Week Ending December 10, 2022

Weekly Summary

Based on National Center for Health Statistics mortality surveillance data available on December 15, 2022, 11.6% of the deaths that occurred in the United States during the week ending December 10, 2022 (week 49), were due to pneumonia, Influenza, and/or COVID-19. This percentage is above the epidemic threshold of 6.6% for this week.

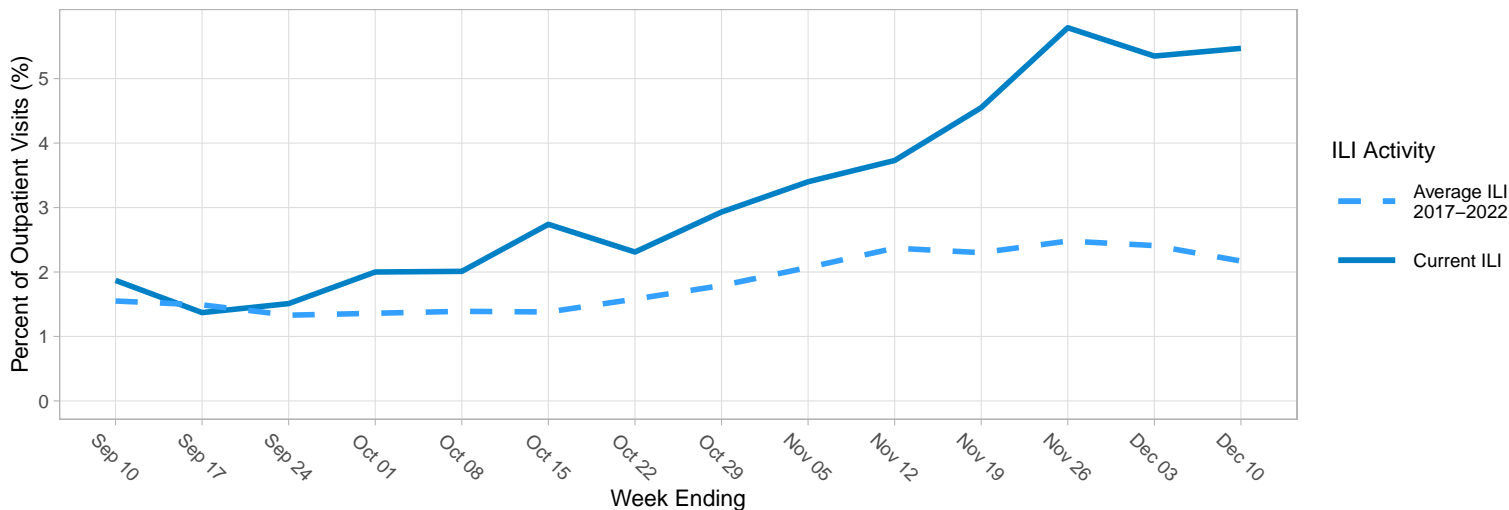
In Utah, the percent of ED visits due to COVID-19 has decreased from the previous week from 4.51% to 3.81%. Davis County is seeing a similar trend decrease in ED visits due to COVID-19.

Influenza-like illness (ILI) activity in the state of Utah is currently at a low level. However, Davis County is currently at a high ILI activity level.

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.

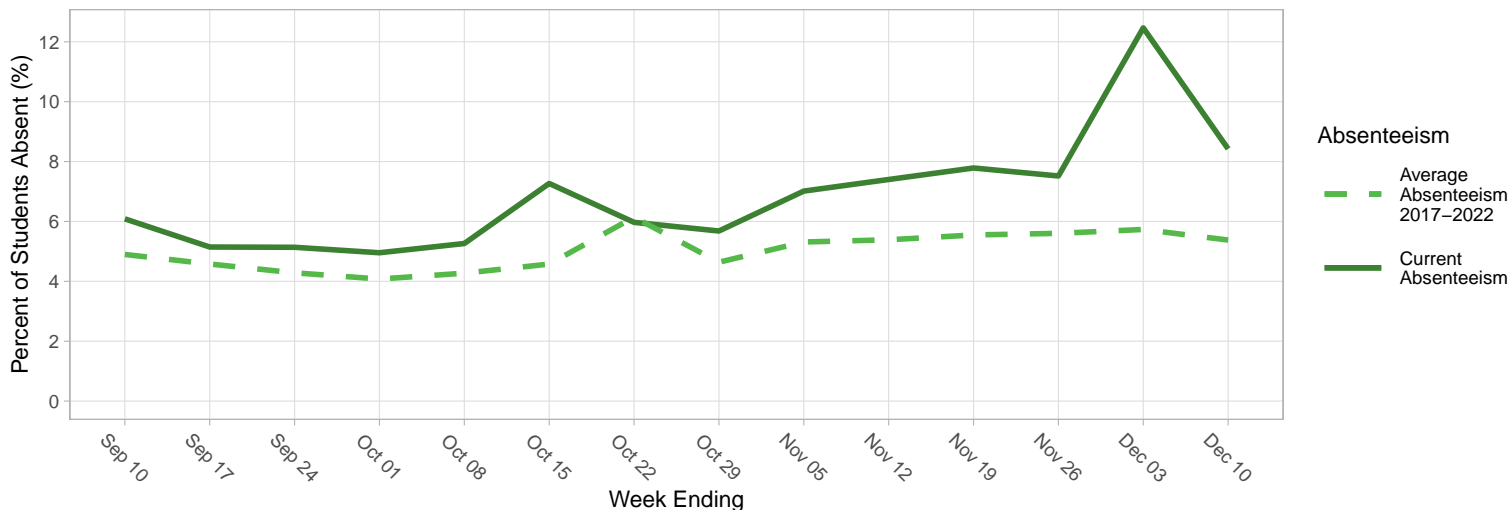
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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

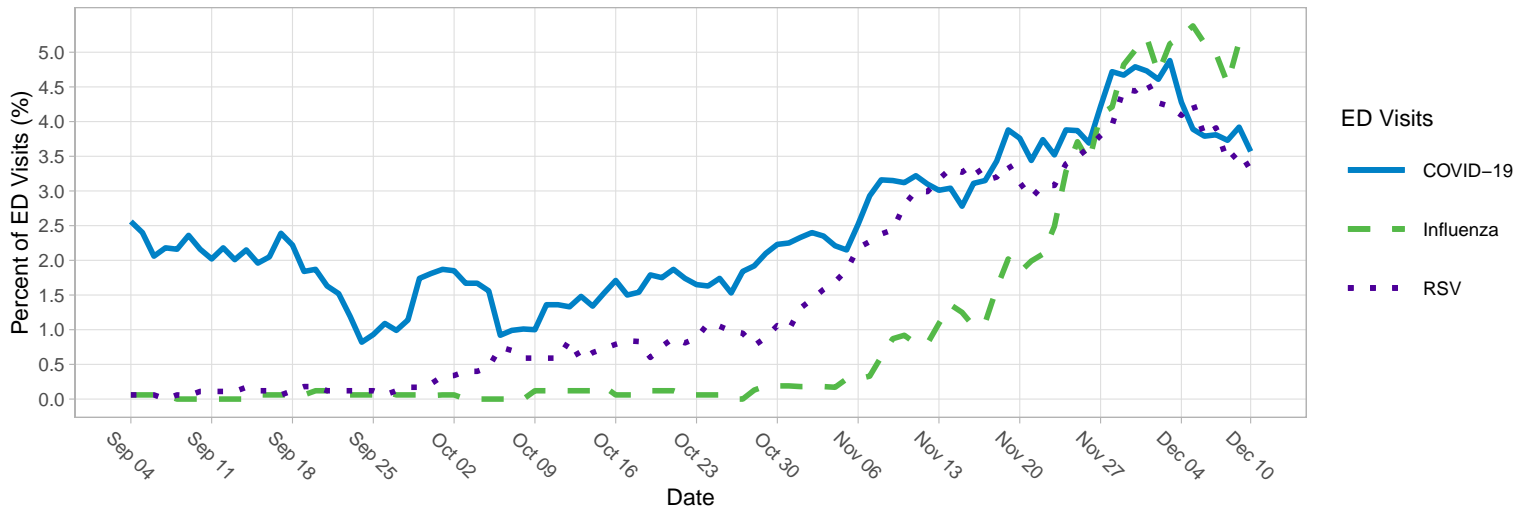


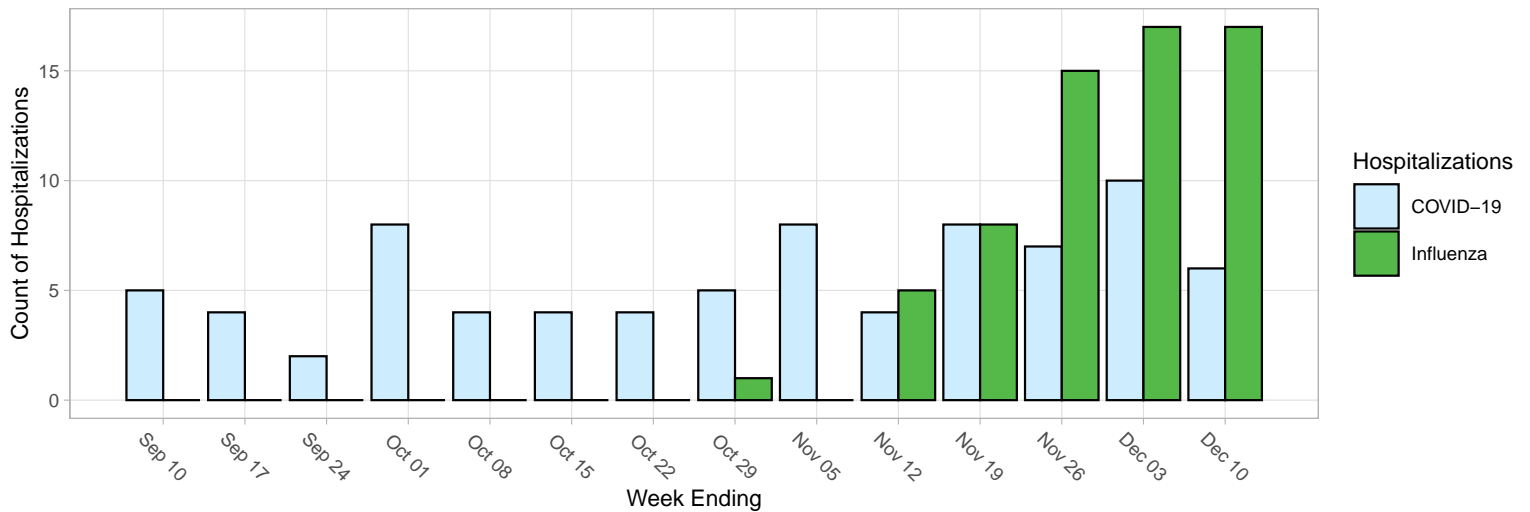
Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Dec 10, 2022

Virus	Trend	Count of ED Visits
COVID-19	Decreasing (last 14 days)	171 (last 14 days)
Influenza	Plateau/no trend (last 14 days)	204 (last 14 days)
RSV	Decreasing (last 14 days)	152 (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.