

Respiratory Illness Report - Week ending October 28, 2023

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Overview

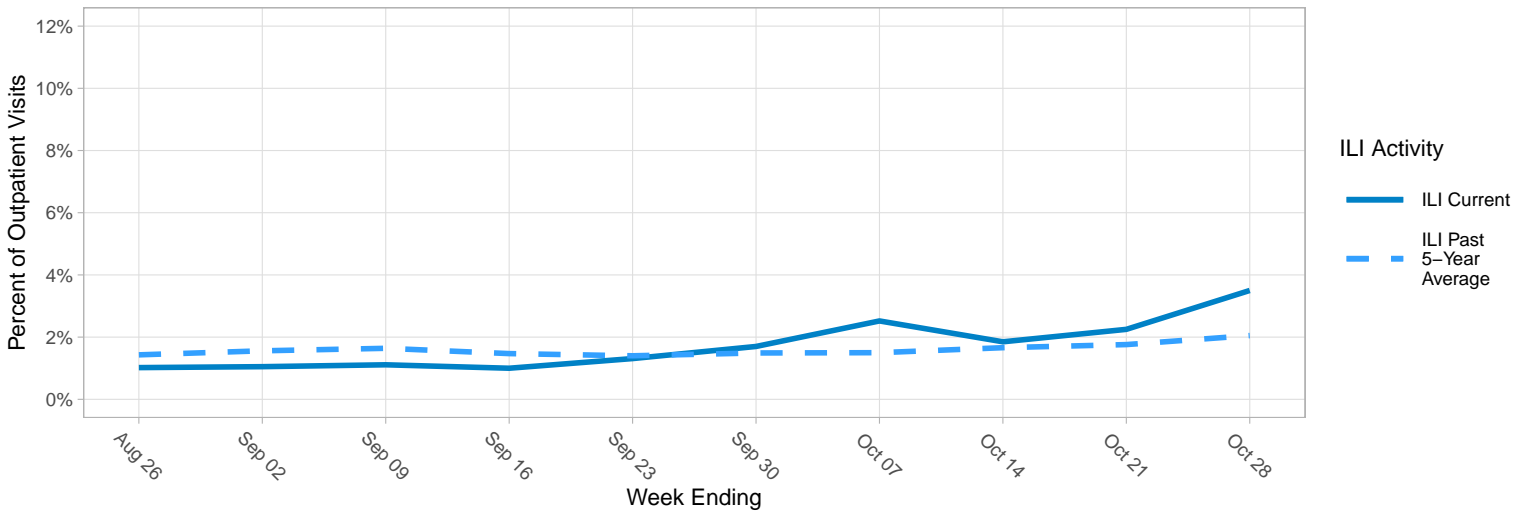
Influenza: Nationwide, seasonal influenza activity remains low, but continues to slightly increase in most parts of the country. The number of weekly influenza hospital admissions remains low but is increasing.

COVID-19 Wastewater Surveillance: As of October 26, in Davis County, the South Davis – North sewer district (Woods Cross/Bountiful/Centerville area) is in the Elevated category. The remaining sites, North Davis, Central Davis, and South Davis – South are all in the Watch category. No sites are in the Low category.

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 (2018-2022) of ILI activity. This week's ILI rate was 3.5%.

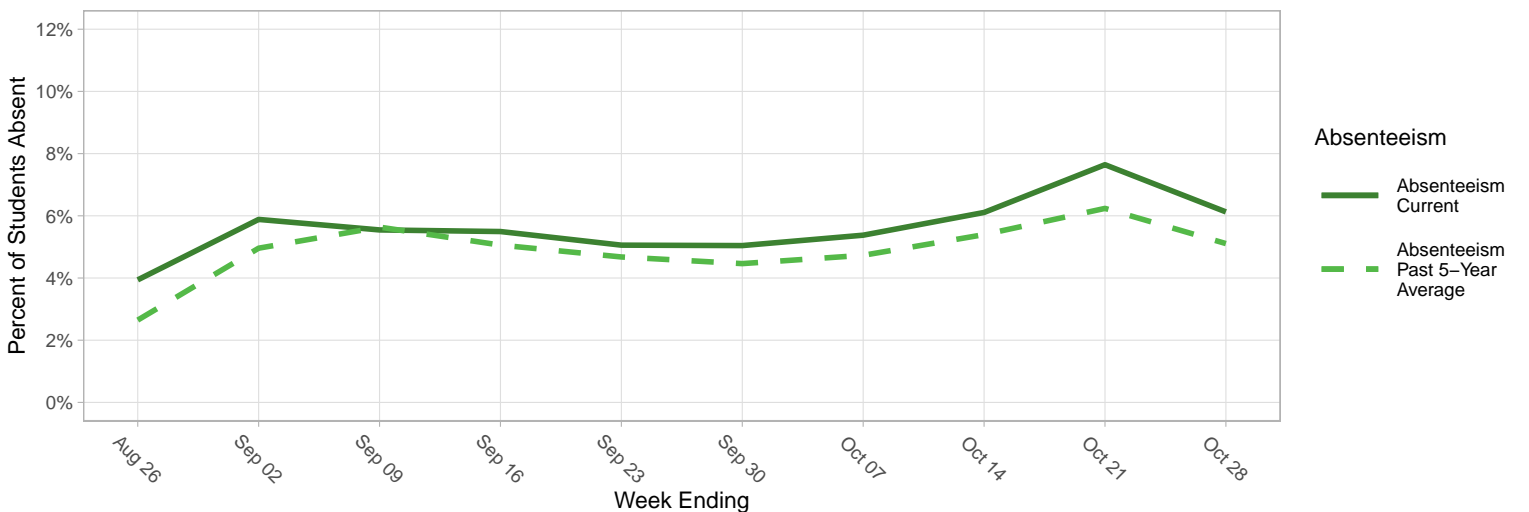
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



School Absenteeism

Graph 2 displays the weekly percentage of elementary school absenteeism in Davis School District. For comparison, the dashed line shows the absenteeism rate of the previous 5 school years (school years beginning 2018-2022). This week's absenteeism rate was 6.1%.

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 (increasing, decreasing, or no change), and the percent of ED visits due to each during the currently reported week.

Graph 3. Percent of ED Visits due to COVID-19, Influenza, & RSV, Rolling 7-day Average, Davis County, Utah

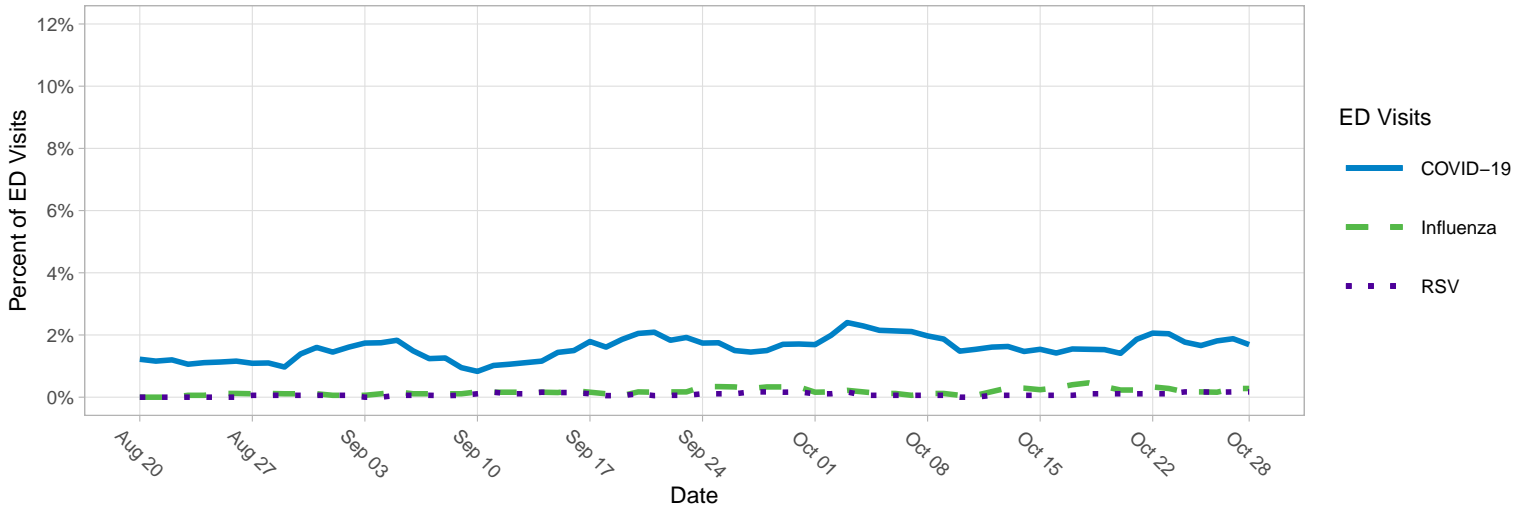


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Oct 28, 2023

Virus	Trend	Percent of ED Visits
COVID-19	Plateau/no trend (last 14 days)	1.7 %
Influenza	Plateau/no trend (last 14 days)	0.3 %
RSV	Plateau/no trend (last 14 days)	0.2 %

Hospitalizations

Graph 4 displays the weekly number of hospitalizations due to COVID-19 and influenza.

Graph 4. Number of Hospitalizations due to COVID-19 & Influenza, Davis County, Utah

