

Respiratory Illness Report - Week ending November 18, 2023

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Overview

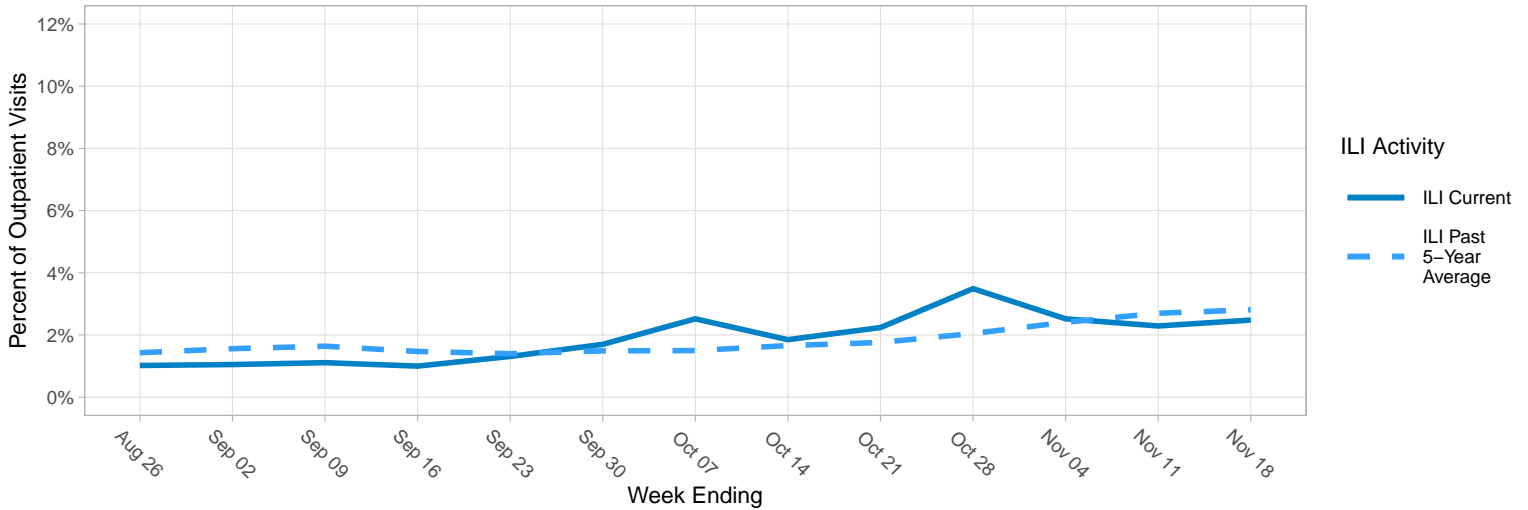
Influenza: Statewide, influenza severity is low. In Davis County, influenza-like illness (ILI) and activity is minimal. Nationally and in Utah the percent of outpatient visits due to ILI has been increasing over the past few weeks and the most common strain of influenza being detected is influenza A.

COVID-19 Wastewater Surveillance: As of November 7, over 75% of the state is in the Elevated category. Two of the Davis County sewer districts have increasing viral detection in the sewage: North Davis (Layton/Clearfield/West Point area) and Central Davis (Kaysville and Farmington). The remaining two sites viral detection have plateaued (South Davis – North and South Davis – South).

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 2.5%.

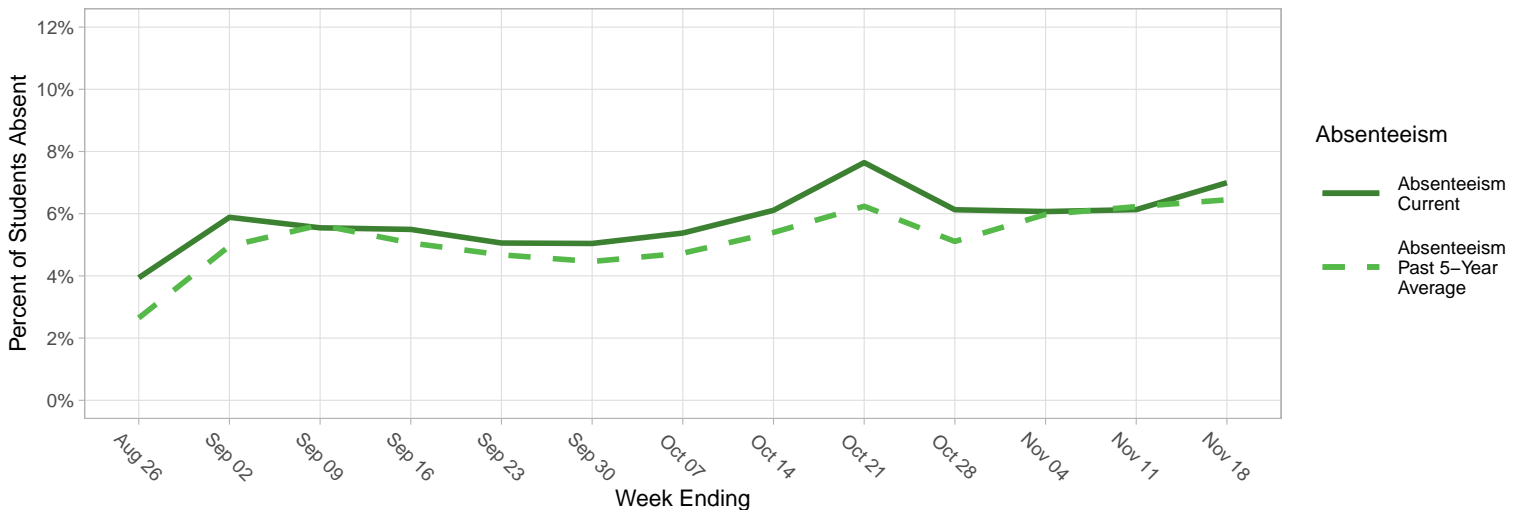
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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 7%.

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

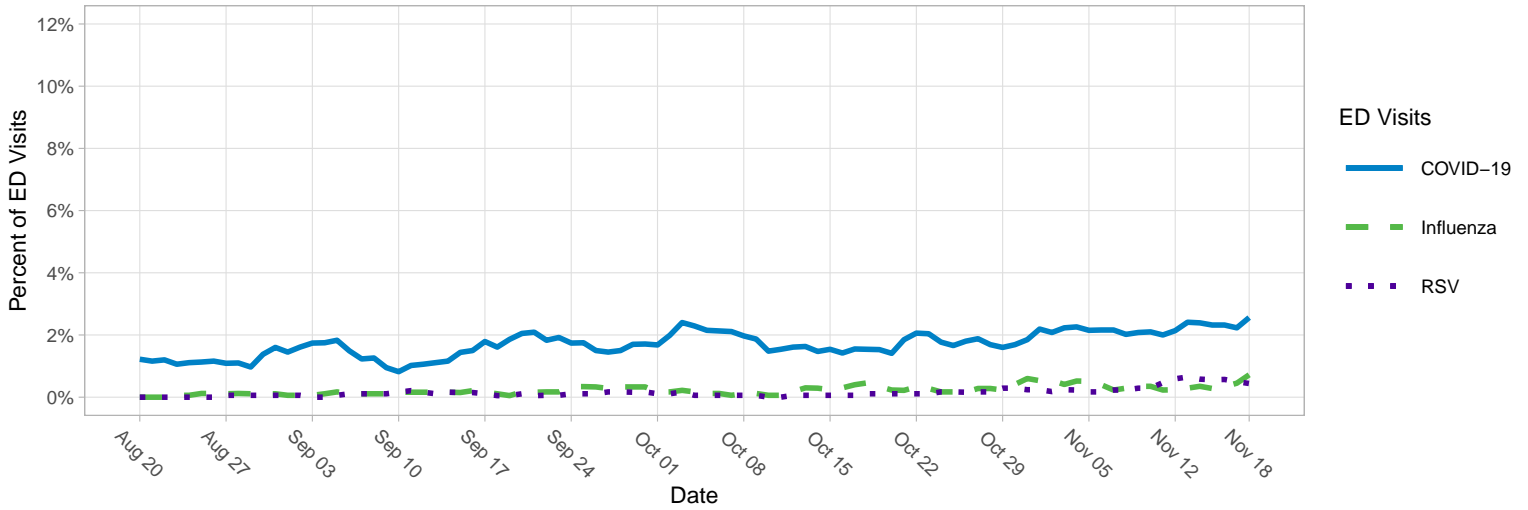


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Nov 18, 2023

Virus	Trend	Percent of ED Visits
COVID-19	Plateau/no trend (last 14 days)	2.6 %
Influenza	Plateau/no trend (last 14 days)	0.7 %
RSV	Plateau/no trend (last 14 days)	0.4 %

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

