

Respiratory Illness Report - Week ending November 4, 2023

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Overview

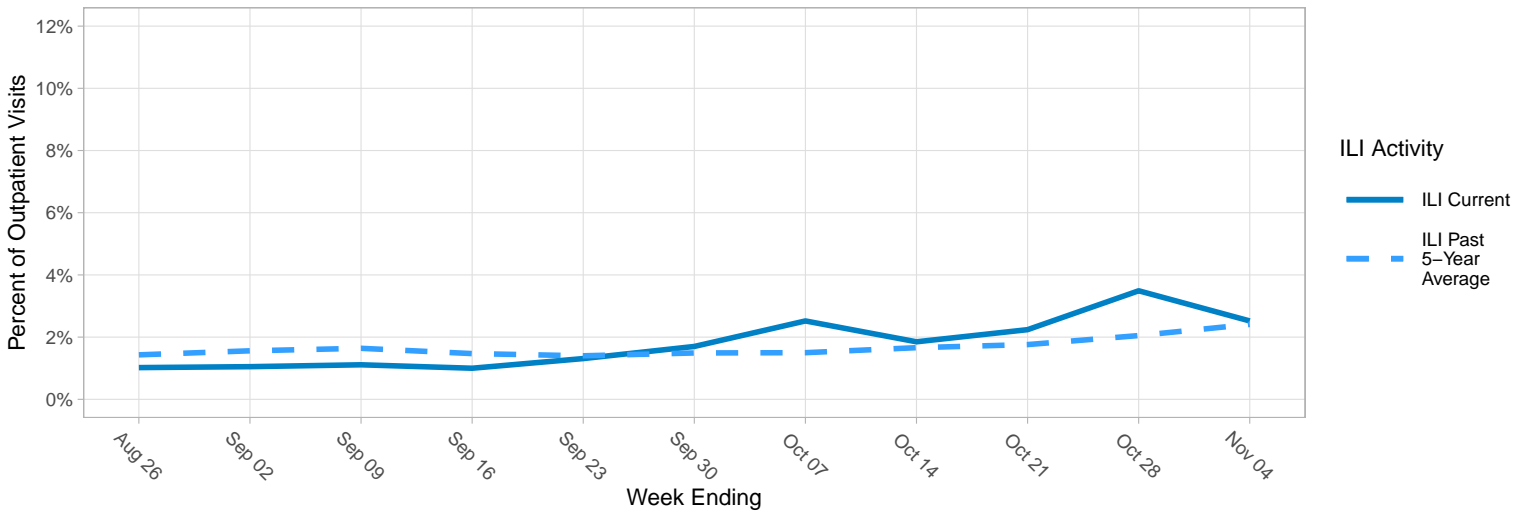
Influenza: Statewide, influenza severity is low. In Davis County, influenza-like illness activity is minimal.

COVID-19 Wastewater Surveillance: As of November 2, viral concentrations in wastewater are in the Elevated category at half of all sewer district sampling sites across the state. In Davis County, two sewer districts are in the Elevated category: North Davis (Layton/Clearfield/West Point area) and South Davis – North (Woods Cross/Bountiful/Centerville area). The remaining two sites are in the Watch category (Central Davis and South Davis – South). 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 2.5%.

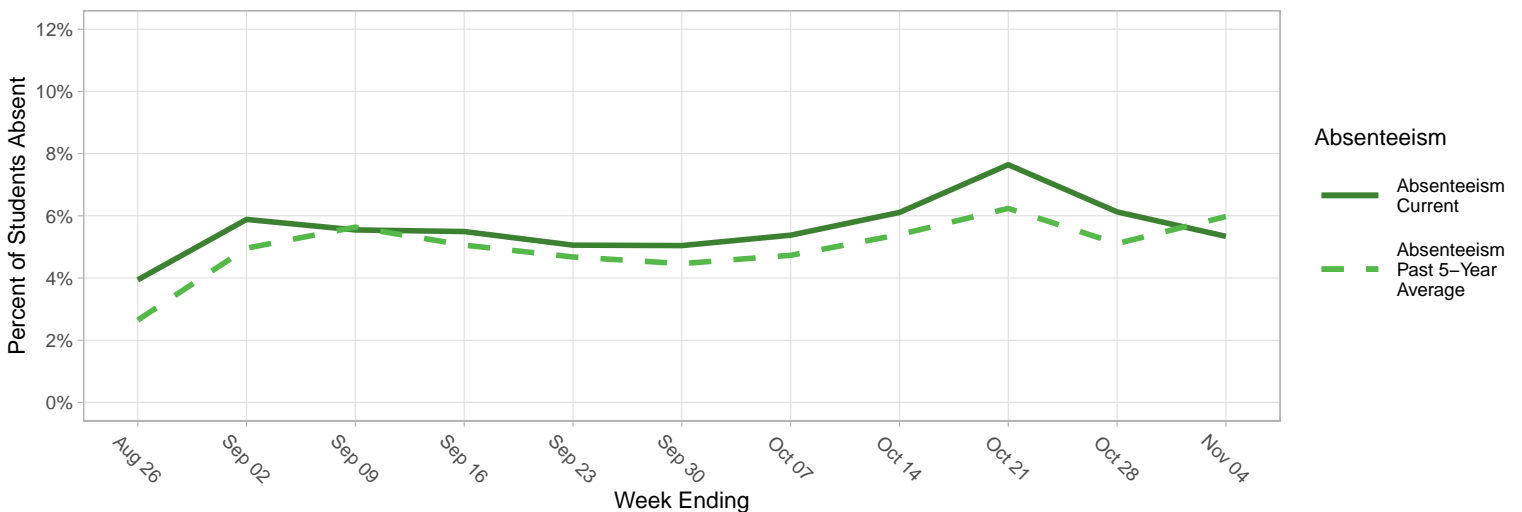
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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 5.3%.

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

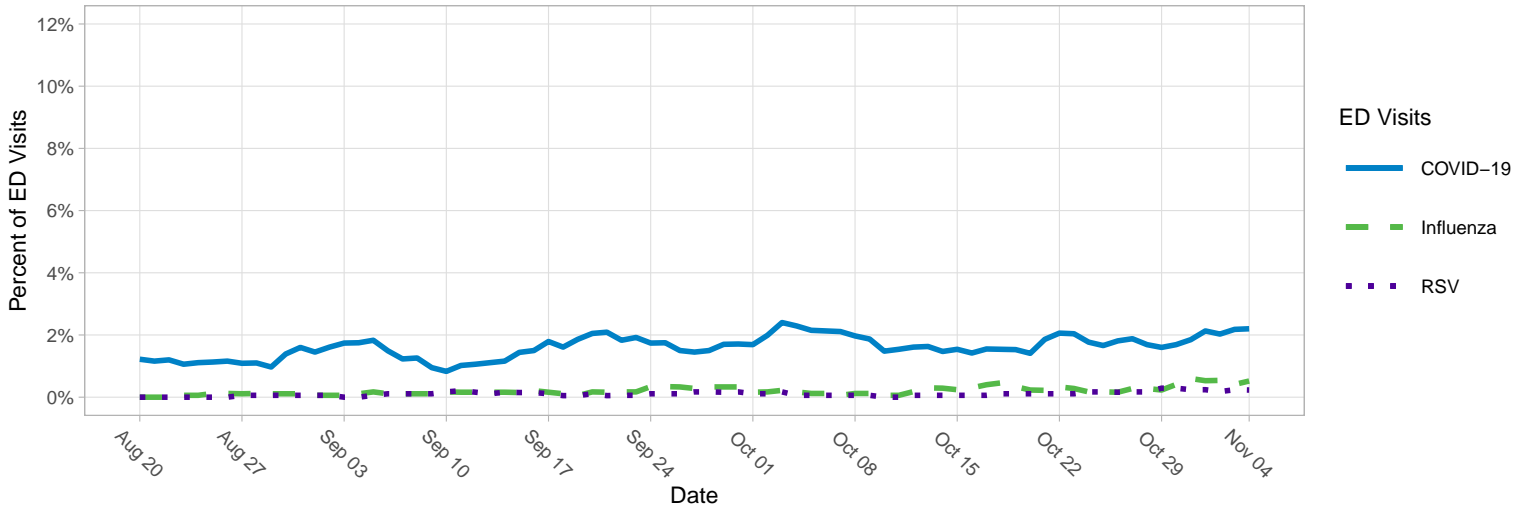


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Nov 04, 2023

Virus	Trend	Percent of ED Visits
COVID-19	Plateau/no trend (last 14 days)	2.2 %
Influenza	Plateau/no trend (last 14 days)	0.5 %
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

