

Respiratory Illness Report - Week ending November 16, 2024

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Overview

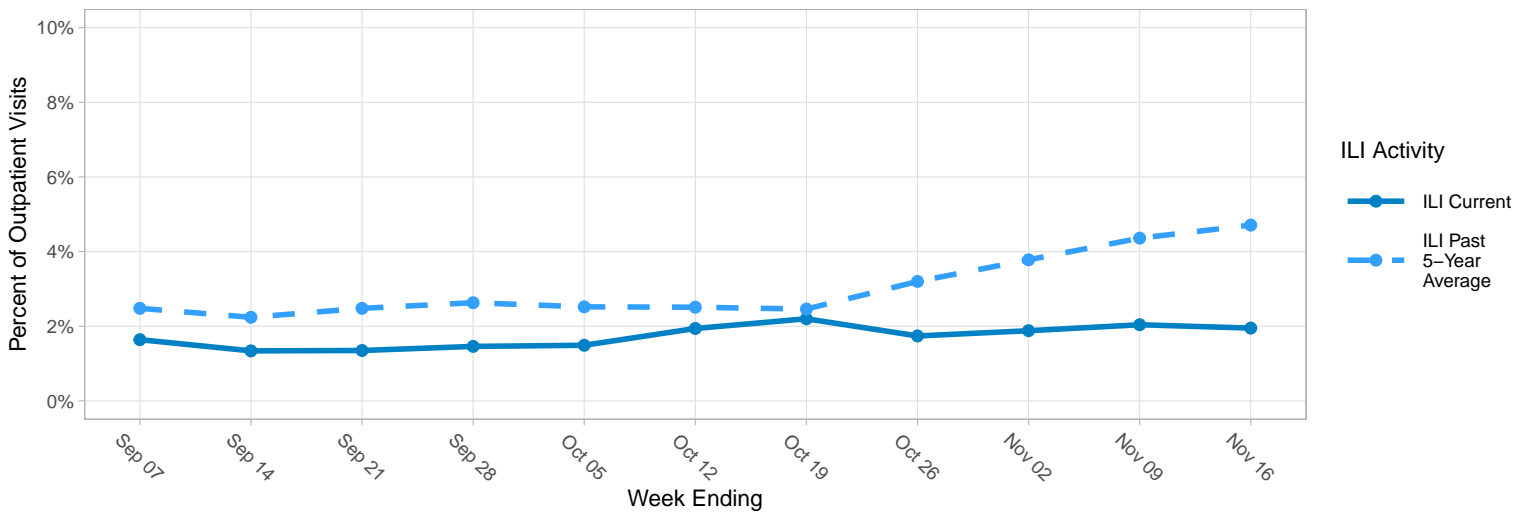
This week a new source of influenza-like illness (ILI) data was incorporated into the RIR. All current and past data in Graph 1 have been updated. As such, the ILI data in this week's report (and all subsequent reports) will look somewhat different than previous reports. Despite these differences, this new data source presents a more accurate picture of ILI trends in Davis County.

COVID-19 Wastewater Surveillance: As of November 14, overall statewide viral concentrations of SARS-CoV-2 in wastewater have increased since last week. There are eight sites (22.9%) in the Elevated category, nine sites (25.7%) in the Watch category, and 18 sites (51.4%) in the Low category. In Davis County, the Central Davis site (Kaysville/Farmington/Fruit Heights area) and South Davis – North site (Bountiful/Centerville/Woods Cross/West Bountiful area) are both in the Watch category. The remaining two sites are both in the Low category. Explore statewide wastewater surveillance data at <https://avrpublic.dhhs.utah.gov/uwss/>.

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 (2019-2023) of ILI activity. This week's ILI rate was 2%.

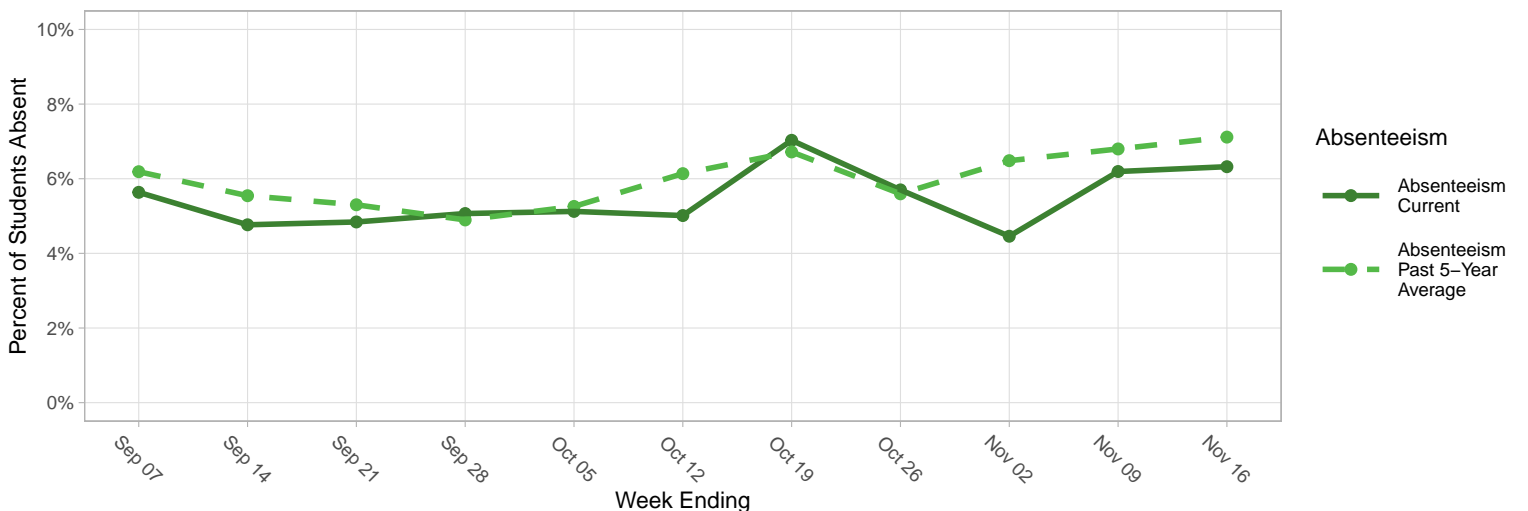
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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 2019-2023). This week's absenteeism rate was 6.3%.

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

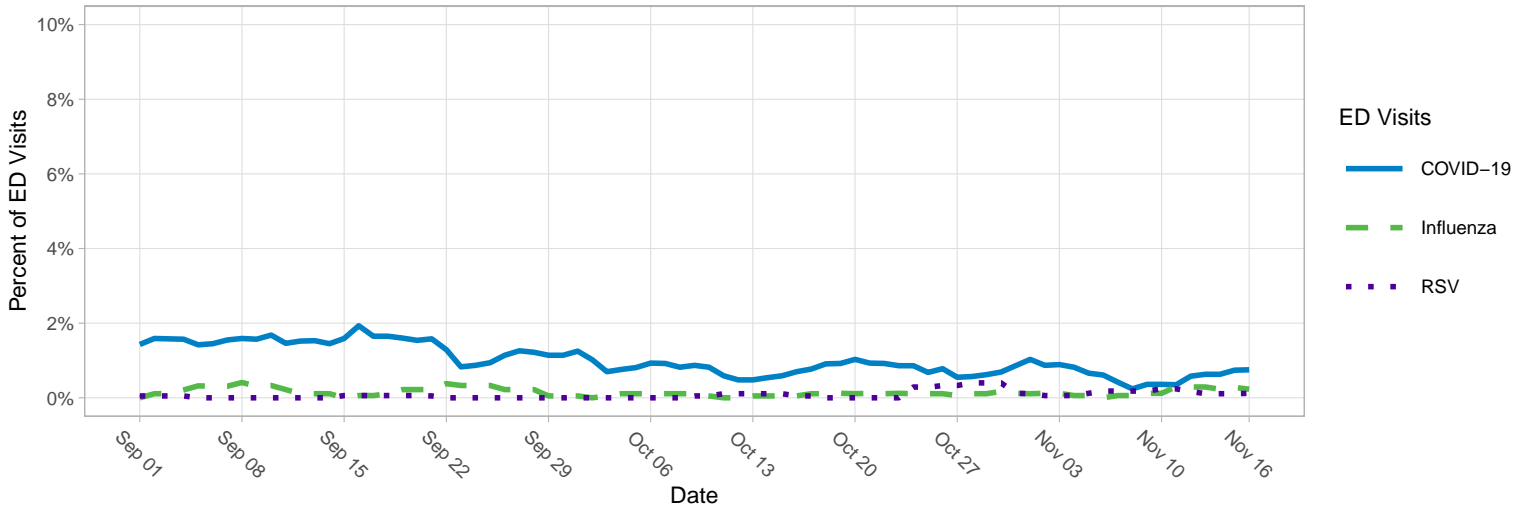


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Nov 16, 2024

Virus	Trend	Percent of ED Visits
COVID-19	Increasing (last 7 days)	0.8 %
Influenza	Increasing (last 14 days)	0.2 %
RSV	Plateau/no trend (last 14 days)	0.1 %

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

