

Respiratory Illness Report - Week ending November 30, 2024

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Overview

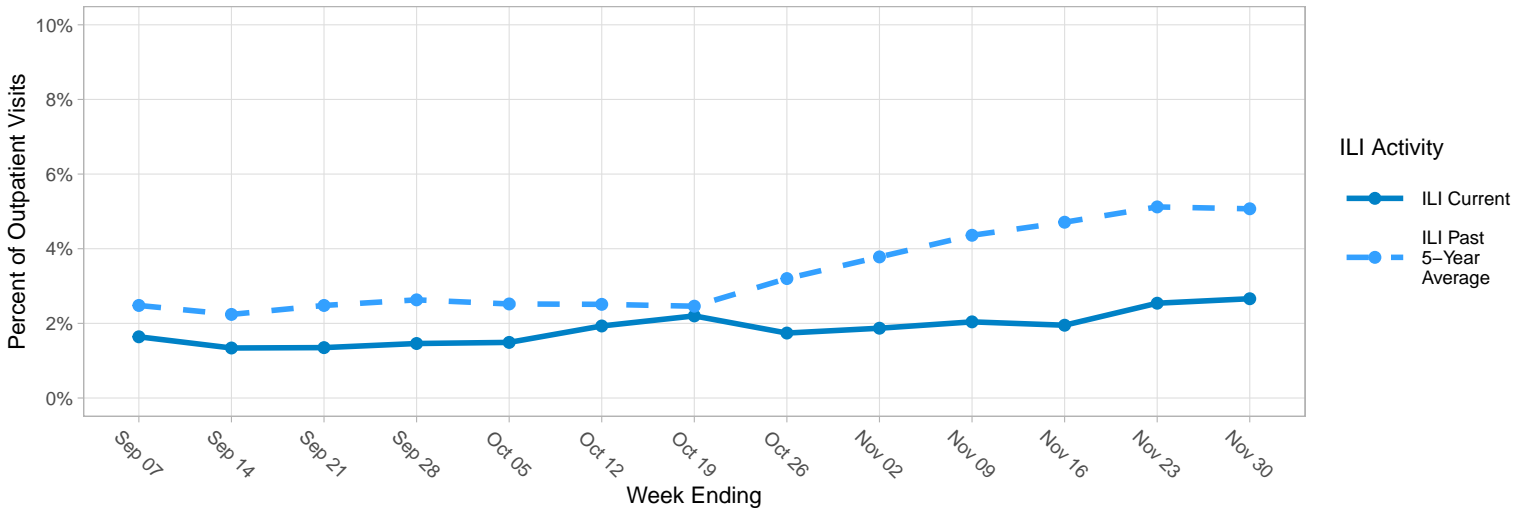
Influenza: Nationwide, seasonal influenza activity is continuing to increase, but remains low nationally. In Utah, influenza-like illness (ILI) and influenza hospitalizations are increasing too, but remain in low severity. In Davis County, ILI activity is classified as minimal.

COVID-19 Wastewater Surveillance: As of November 26, overall statewide viral concentrations of SARS-CoV-2 in wastewater have decreased slightly since last week, though there are more sites in the Watch category. There are five sites (14.3%) in the Elevated category, 17 sites (48.6%) in the Watch category, and 13 sites (37.1%) in the Low category. In Davis County, only the South Davis – South site (North Salt Lake area) is in the Elevated category. The remaining three sites are all in the Watch 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 2.7%.

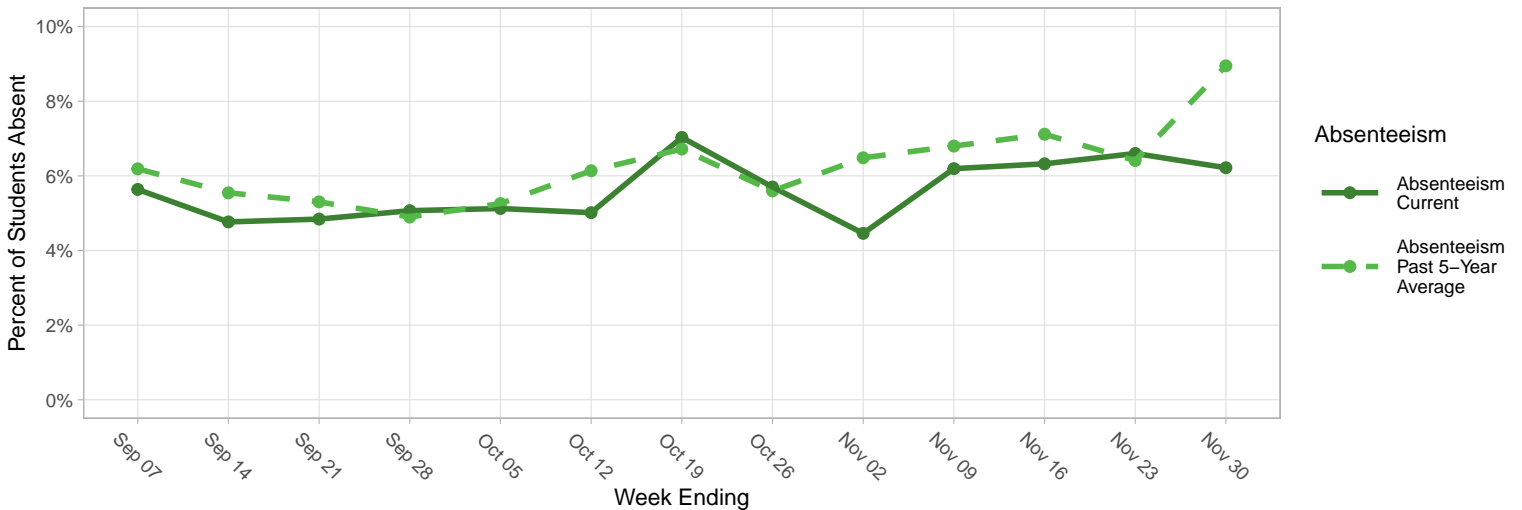
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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 6.2%.

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

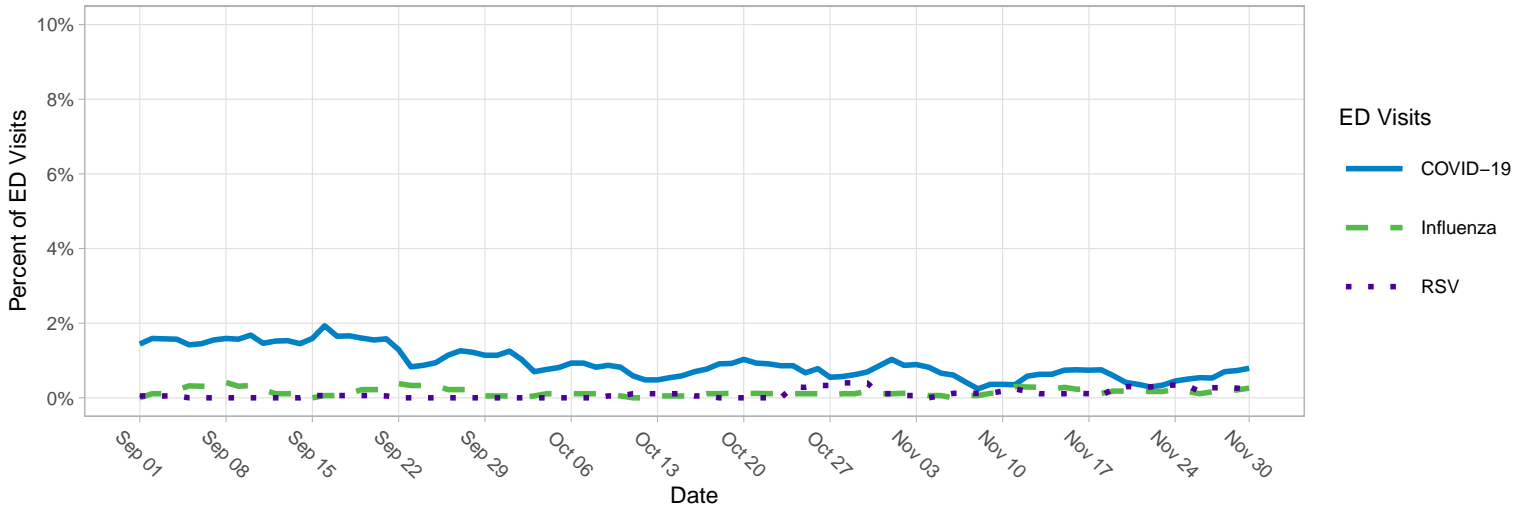


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Nov 30, 2024

| Virus | Trend | Percent of ED Visits |
|-----------|---------------------------------|----------------------|
| COVID-19 | Increasing (last 7 days) | 0.8 % |
| 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

