

Respiratory Illness Report - Week ending December 7, 2024

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Overview

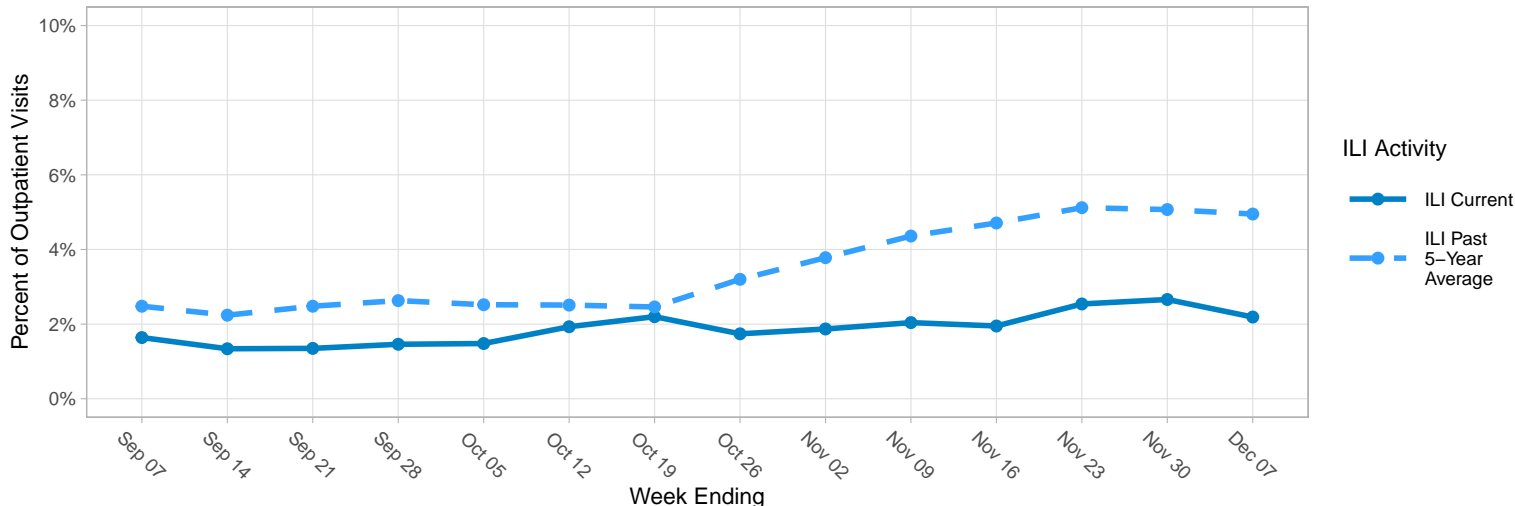
Influenza: Nationwide, seasonal influenza activity continues to increase across the country. In Utah, influenza-like illness (ILI) trends have plateaued. In addition, influenza hospitalization trends are at their lowest point so far this season since 2021-2022. In Davis County, ILI activity continues to be classified as minimal.

COVID-19 Wastewater Surveillance: As of December 5, overall statewide viral concentrations of SARS-CoV-2 in wastewater have increased since last week. There are 11 sites (31.4%) in the Elevated category, 15 sites (42.9%) in the Watch category, and nine sites (25.7%) in the Low category. In Davis County, the South Davis – South site (North Salt Lake area) is in the Elevated category, the Central Davis (Kaysville/Farmington/Fruit Heights area) and South Davis – North (Bountiful/Centerville/Woods Cross/West Bountiful area) sites are in the Elevated category, and the North Davis site (Layton/Clearfield/Syracuse/West Point area) is in the Low category. Explore statewide wastewater surveillance data at <https://avrrpublic.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 2.2%.

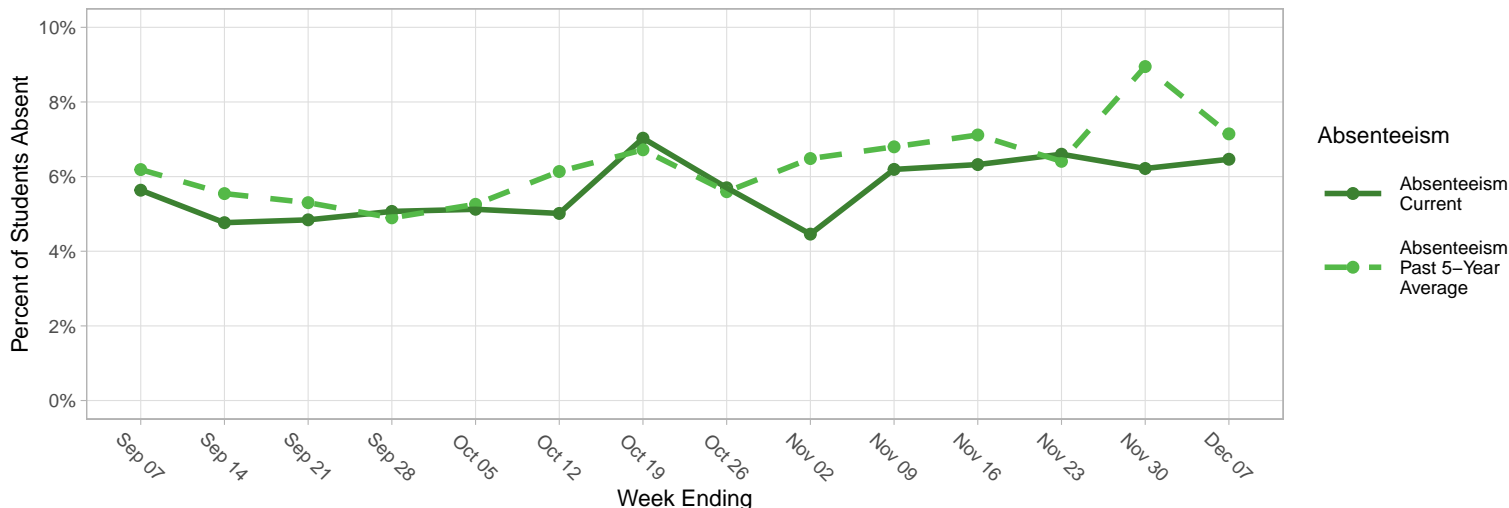
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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 6.5%.

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

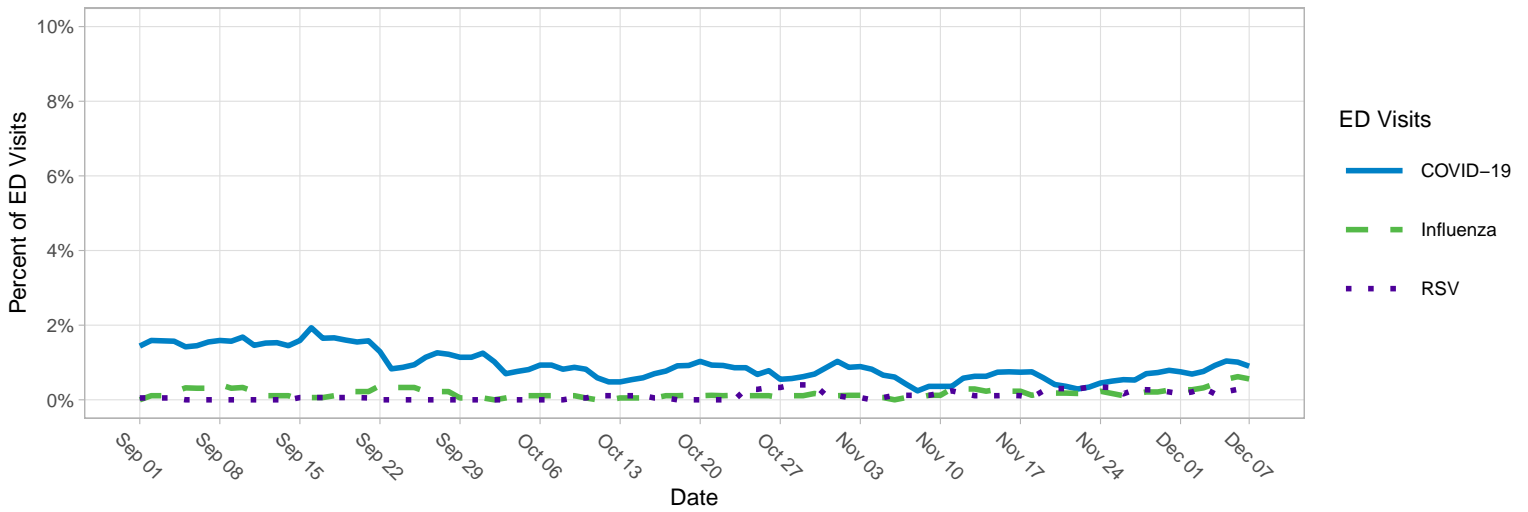


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Dec 07, 2024

Virus	Trend	Percent of ED Visits
COVID-19	Increasing (last 14 days)	0.9 %
Influenza	Increasing (last 14 days)	0.6 %
RSV	Plateau/no trend (last 14 days)	0.3 %

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

