

Respiratory Illness Report - Week ending December 16, 2023

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Overview

Influenza: Statewide influenza severity is currently low, though influenza activity continues to increase. In Davis County, current influenza-like illness activity is classified as minimal.

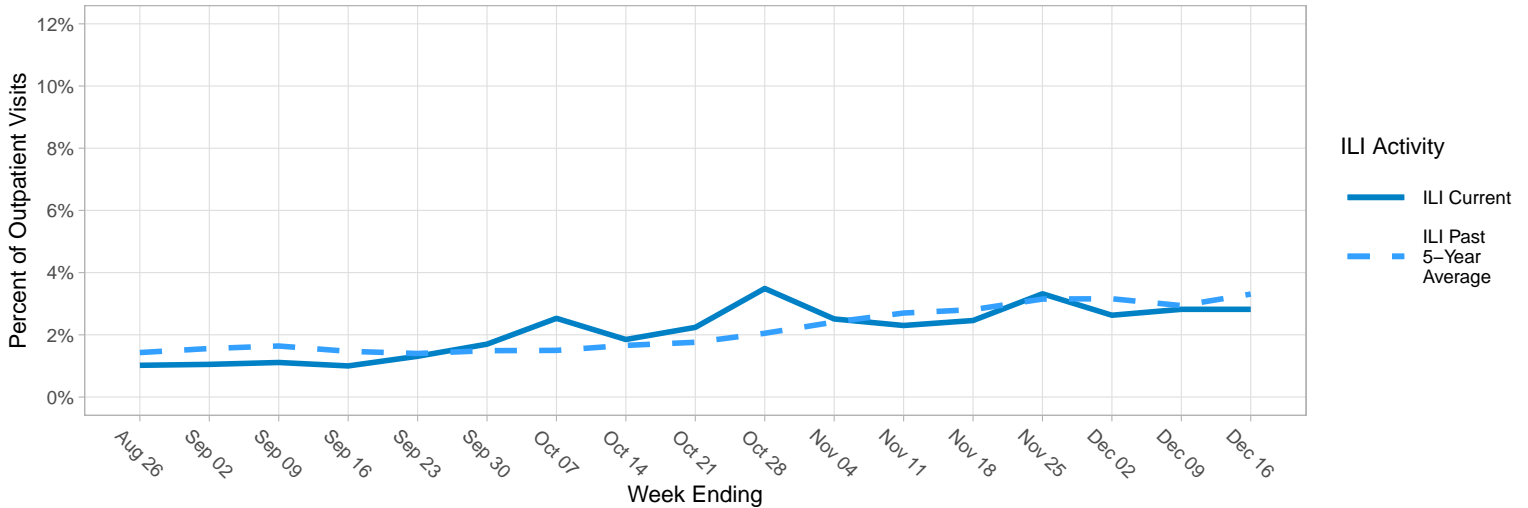
COVID-19 Wastewater Surveillance: As of December 14, overall statewide viral concentrations in wastewater remain high, with 32 sites (94.1%) in the Elevated category. In Davis County, three sites are in the Elevated category (North Davis, Central Davis, and South Davis - South). One site, South Davis - North (Woods Cross/Bountiful/West Bountiful/Centerville area), decreased into the Watch category. No sites are in the Low category.

A new, public dashboard is available to explore statewide wastewater surveillance data. Visit <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 (2018-2022) of ILI activity. This week's ILI rate was 2.8%.

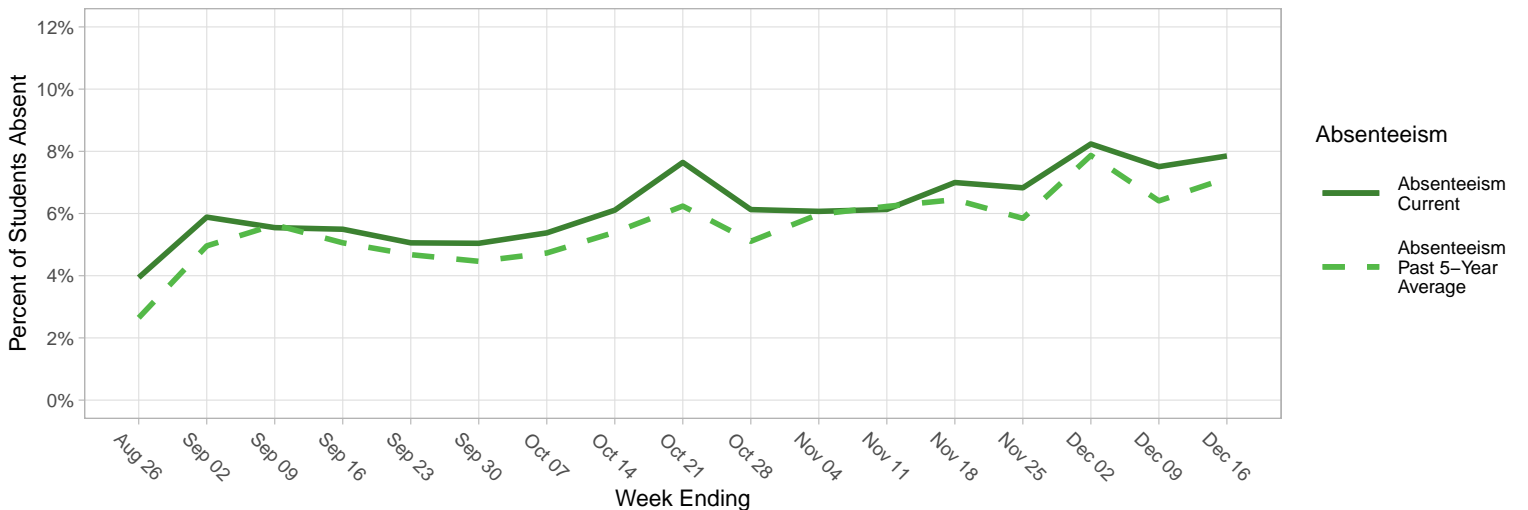
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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 7.8%.

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

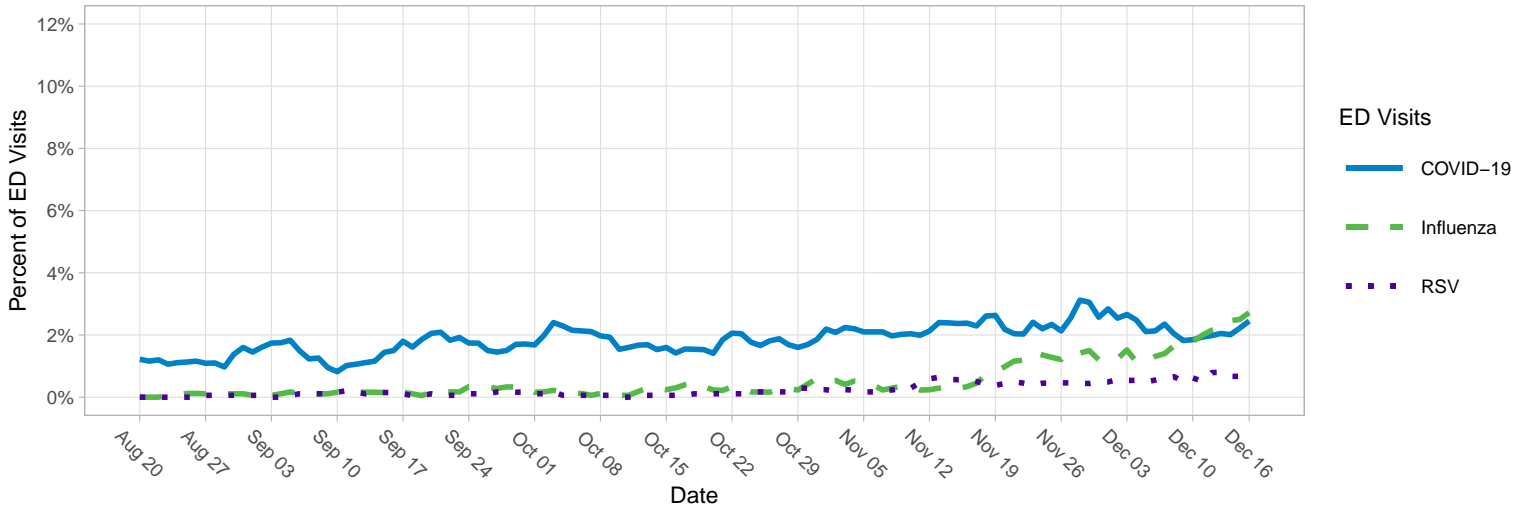


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Dec 16, 2023

Virus	Trend	Percent of ED Visits
COVID-19	Increasing (last 7 days)	2.5 %
Influenza	Increasing (last 14 days)	2.7 %
RSV	Increasing (last 14 days)	0.7 %

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

