

Respiratory Illness Report - Week ending February 3, 2024

Overview

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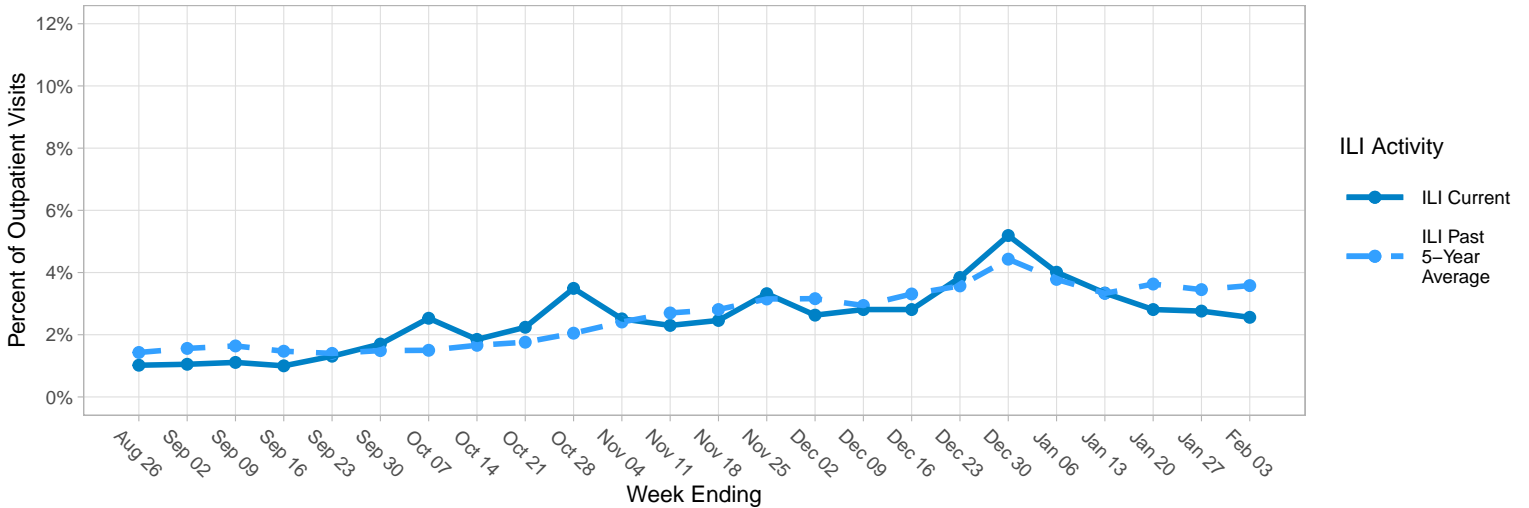
Influenza: Statewide influenza-like illness (ILI) and hospitalization rates in Utah both remain in low severity. In Davis County, current ILI rates also remained in minimal severity. Nationwide, percent positivity for influenza overall remained stable. However, percent positivity for influenza A decreased slightly and percent positivity for influenza B increased slightly, driven primarily by rising influenza activity in the Midwestern United States.

COVID-19 Wastewater Surveillance: As of February 1, overall statewide viral concentrations in wastewater remain high, but with some decreasing trends. There are with 21 sites (61.8%) in the Elevated category (a decrease of eight sites from last week). In Davis County, two sites are in the Elevated category, but have decreasing trends: North Davis and Central Davis. The remaining two sites, South Davis – North and South Davis – South are in the Watch 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 (2018-2022) of ILI activity. This week's ILI rate was 2.6%.

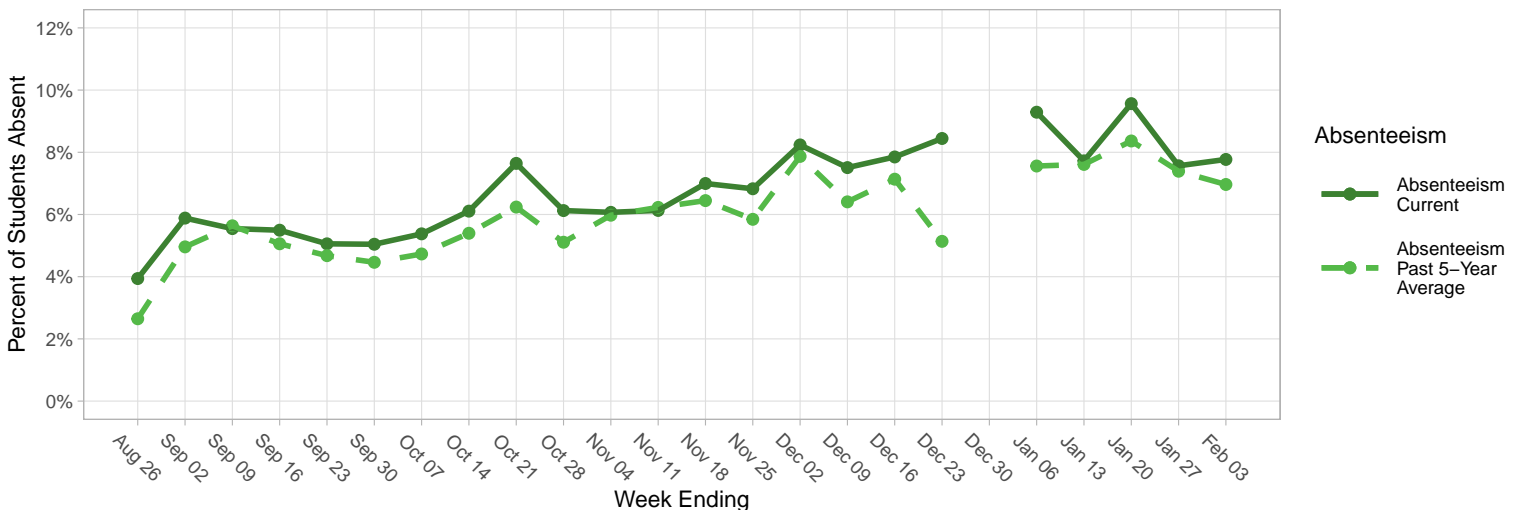
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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

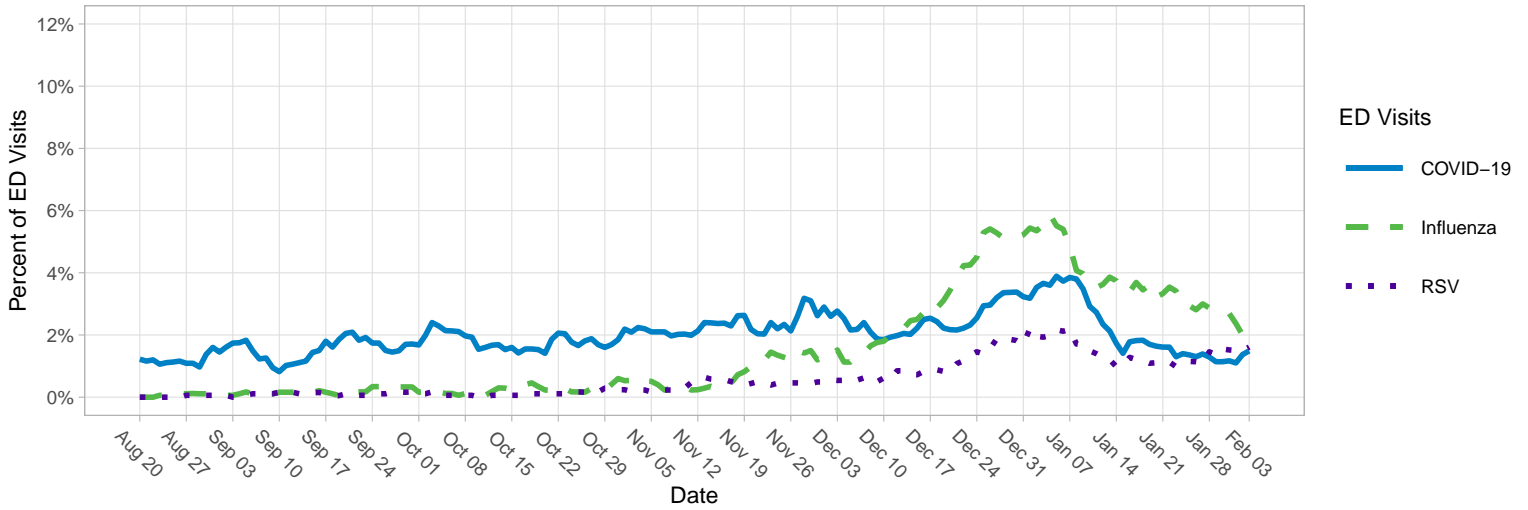


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Feb 03, 2024

Virus	Trend	Percent of ED Visits
COVID-19	Plateau/no trend (last 14 days)	1.5 %
Influenza	Decreasing (last 14 days)	1.8 %
RSV	Increasing (last 14 days)	1.6 %

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

