

Respiratory Illness Report - Week ending March 30, 2024

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Overview

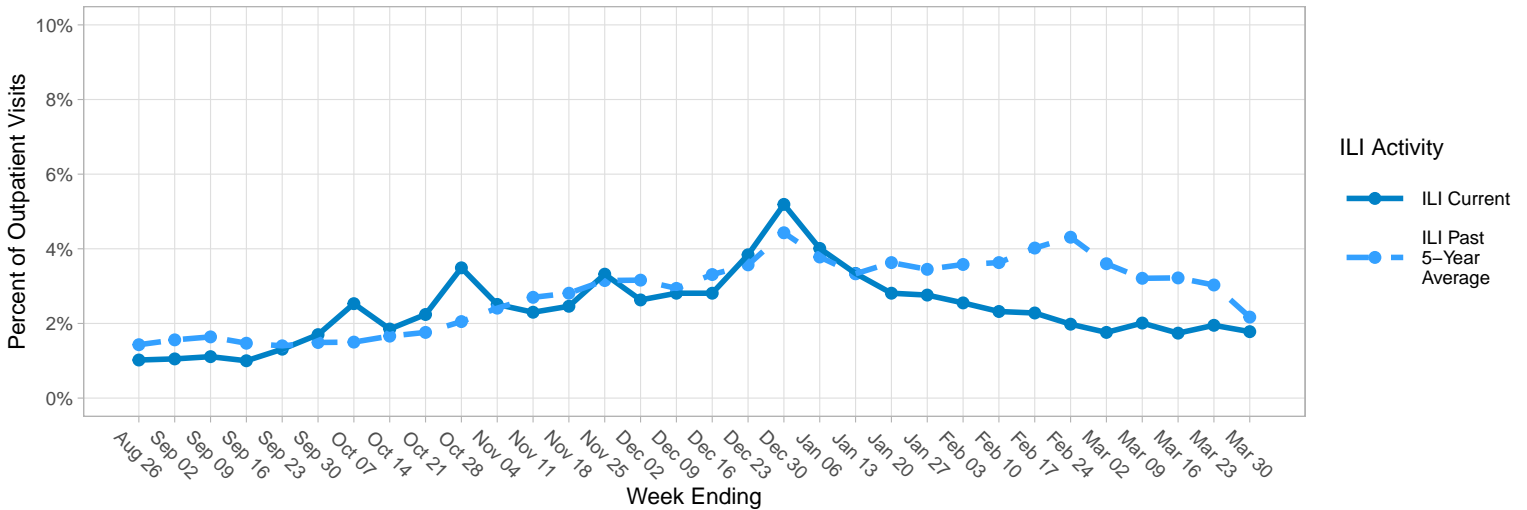
Influenza: One human infection with a highly pathogenic avian influenza (HPAI) A(H5N1) virus was reported by the Texas Department of Health. A patient aged >18 years in Texas developed conjunctivitis on approximately March 27, 2024, while working at a commercial dairy cattle farm. HPAI A(H5N1) virus has been recently detected in dairy cattle, poultry and wild birds in Texas. This is the second person to test positive for HPAI A(H5N1) virus in the United States. The first was reported in April 2022 in Colorado.

On March 25, USDA reported the first detections of H5N1 in dairy cattle in Texas and Kansas. Since then, additional detections in dairy cattle have been reported from Idaho, Michigan, New Mexico, and Ohio. USDA is continuing to monitor and test samples collected from other farms where cattle are displaying similar symptoms.

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 1.8%.

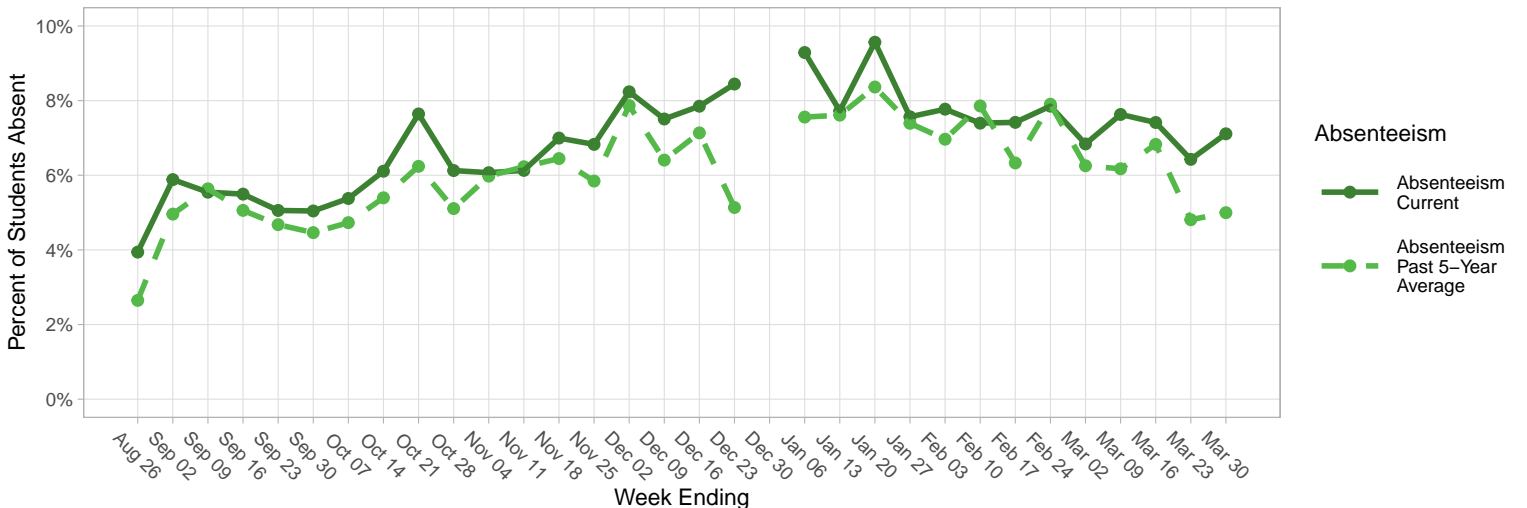
Graph 1. Percent of Outpatient Visits due to Influenza-Like Illness, by Week, Davis County, Utah



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 7.1%.

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

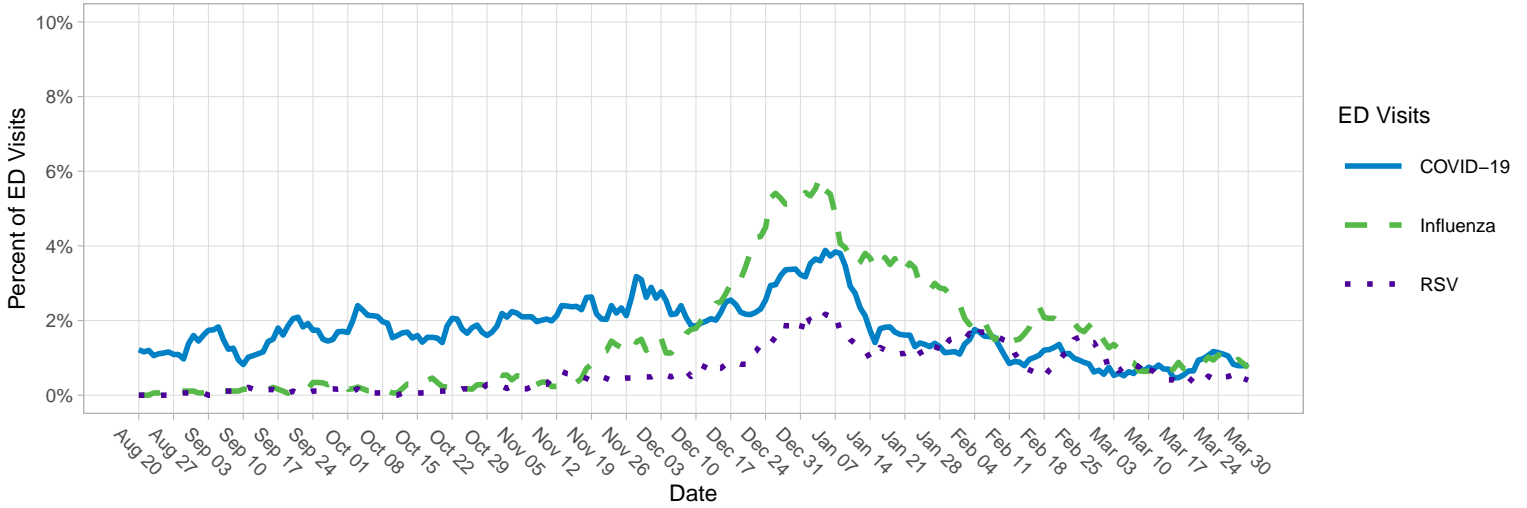


Table 1: Recent Trends of ED Visits, Davis County, Utah, for Week Ending Mar 30, 2024

| Virus | Trend | Percent of ED Visits |
|-----------|---------------------------------|----------------------|
| COVID-19 | Decreasing (last 7 days) | 0.8 % |
| Influenza | Decreasing (last 7 days) | 0.7 % |
| RSV | Plateau/no trend (last 14 days) | 0.4 % |

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

