Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States.

Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2023–2024 Season

<table>
<thead>
<tr>
<th>Region</th>
<th>Total Tests</th>
<th>Positive</th>
<th>Flu A</th>
<th>Flu B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Metro</td>
<td>1462</td>
<td>16</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>Southern Oregon</td>
<td>588</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Columbia Gorge</td>
<td>183</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Central Oregon</td>
<td>564</td>
<td>11</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>Willamette Valley</td>
<td>427</td>
<td>3</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>State Total</td>
<td>3222</td>
<td>32</td>
<td>27</td>
<td>5</td>
</tr>
</tbody>
</table>

Figure 1. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2023–2024 Season
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 1 influenza-associated hospitalization occurred during week 42 of 2023. There have been 14 reported hospitalizations during the 2023-2024 season. The cumulative hospitalization rate for the 2023-2024 season is 0.76 per 100,000 people.
**Influenza Outbreaks:** To date during the 2023–2024 season, 0 outbreaks have been reported. *Data for Week 42 are not available due to data migration between systems*

**Oregon Emergency Department Visits For Influenza:** The National Syndromic Surveillance Program (NSSP) is a collaboration among CDC, federal partners, state and local health departments, and academic and private sector partners to collect, analyze, and share electronic data received from multiple health care settings. Data are monitored for a subset of emergency departments across the United States. The percent of emergency departments visits for influenza in all of Oregon was 0.1.*

*Updated NSSP data for Week 42 is not available as of 10/27/2023*

**Influenza-Associated Pediatric Mortality Surveillance:** Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 42, 2023, and 0 pediatric deaths reported to the Oregon Health Authority in the 2023-2024 influenza season.
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of Oct 25th, the ALERT IIS has records for over 640,000 influenza immunizations given since July 30th of 2023. Currently we are passing the peak of influenza immunization activity for this season. The peak this season is lower than in prior seasons. However the total number of influenza immunizations given this season is equivalent to last season at this date.

The number of influenza immunizations given to children at pharmacies is also similar between last season and this one. Increases in pharmacy immunizations have occurred for younger children, including substantial increases at 6 and 7 years of age, while slight declines in pharmacy use were observed for teenagers.
Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2019-20 to 2023-24

CHILDHOOD INFLUENZA IMMUNIZATIONS BY AGE GIVEN BY PHARMACIES IN OREGON, 2023-24 VS 2022-23, AS OF OCT 21ST
U.S. Data (from CDC FluView): Seasonal influenza activity remains low nationally.

Viruses
- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 1.7% this week.
- **Public Health Labs:** The most frequently reported viruses this week were influenza A (H1N1).
- **Virus Characterization:** Genetic characterization data are now summarized on CDC FluView

Illness
- **ILINet Outpatient Illness:** Nationwide during week, 2.5% of visits to a health care provider are for respiratory illness.

Severe Disease
- **FluSurv-NET:** 0.5 per 100,000 cumulative hospitalization rate.
- **NHSN Hospitalizations:** 1,456 patients admitted to hospitals with influenza this week.
- **NCHS Mortality:** 0.08% of deaths attributed to influenza this week
- **Pediatric Deaths:** 0 influenza related deaths were reported this week, 0 influenza-associated pediatric deaths have occurred during the 2023-2024 season and have been reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet**

*Map above:* This map uses the proportion of outpatient visits to healthcare providers for influenza-like illness to measure the ILI activity level within a state. It does not, however, measure the extent of geographic spread of flu within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

All Flu Bites data are preliminary and may change as additional reports are received. Find the most recent Flu Bites report online at: [http://www.oregon.gov/oha/ph/DiseasesConditions/CommunicableDisease/DiseaseSurveillanceData/Influenza/Pages/surveil.aspx](http://www.oregon.gov/oha/ph/DiseasesConditions/CommunicableDisease/DiseaseSurveillanceData/Influenza/Pages/surveil.aspx)