

Oregon Public Health Division

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## Data at a Glance November 20th 2022 - November 26th 2022 (Week 47)

	Current Week (47)	Previous Week (46)
<b>Percentage positive influenza tests<sup>1</sup></b>	<b>30.1%</b>	<b>16.3%</b>
<b>Portland tri-county influenza-associated hospitalizations<sup>2</sup></b>	<b>78</b>	<b>50</b>
<b>Reported influenza outbreaks<sup>3</sup></b>	<b>11</b>	<b>9</b>
<b>Influenza-associated pediatric mortality<sup>3</sup></b>	<b>0</b>	<b>0</b>
<b>Percentage of emergency department visits for ILI<sup>4</sup></b>	<b>4.9%</b>	<b>3.1%</b>

<sup>1</sup>Percent positivity based on data from Oregon reporters to the National Respiratory and Enteric Virus Surveillance System (NREVSS)

<sup>2</sup>Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

<sup>3</sup>Based on reports made to the Oregon Health Authority

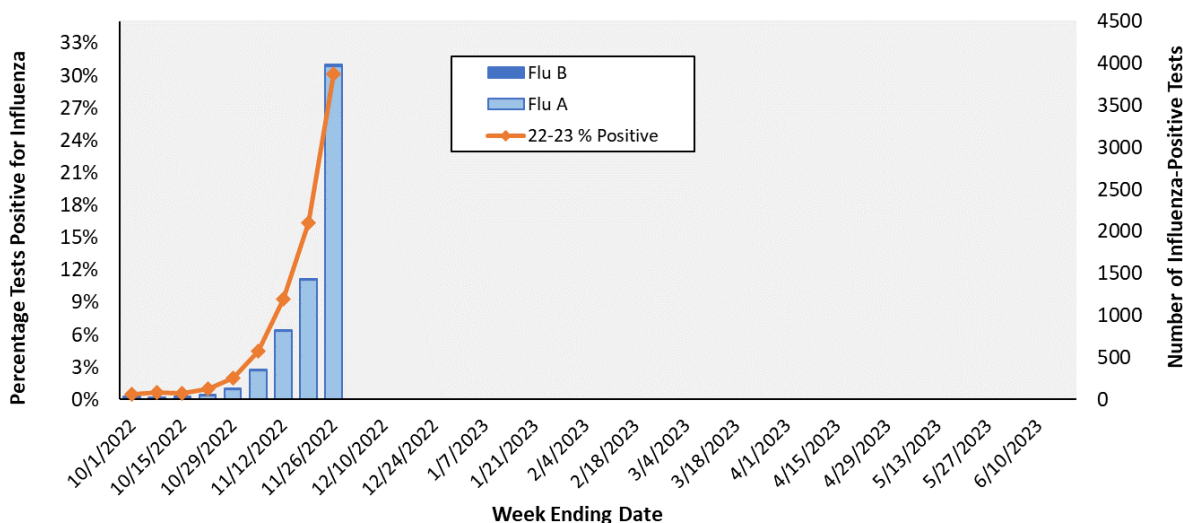
<sup>4</sup>Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

**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. More information is at CDC's [website](#). Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Participation by laboratories is voluntary, a list of participating laboratories can be found [here](#).

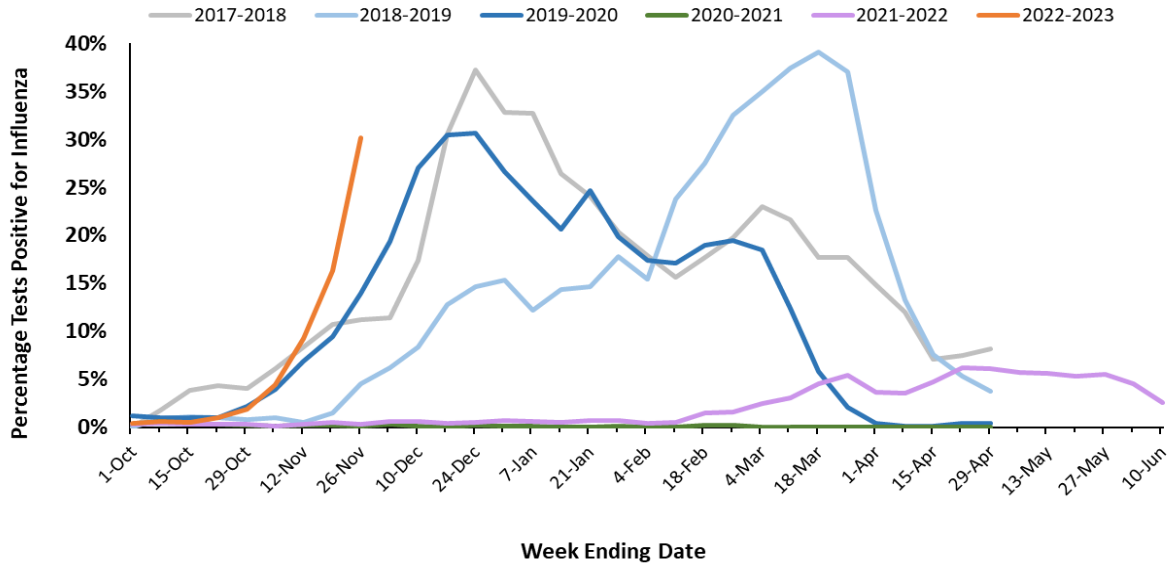
**Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season**

Region	Positive			Flu A		Flu B	
	Total Tests	No.	(%)	No.	(%)	No.	(%)
Portland Metro	7583	2242	29.6%	2242	100.0%	0	0.0%
Southern Oregon	2054	647	31.5%	642	99.2%	5	0.8%
Columbia Gorge	598	201	33.6%	200	99.5%	1	0.5%
Central Oregon	1604	430	26.8%	429	99.8%	1	0.2%
Willamette Valley	1379	462	33.5%	455	98.5%	7	1.5%
<b>State Total</b>	<b>13218</b>	<b>3982</b>	<b>30.1%</b>	<b>3968</b>	<b>99.6%</b>	<b>14</b>	<b>0.4%</b>

**Figure 1. Oregon Influenza Laboratory Surveillance  
Percent Positive Influenza Tests by Week, NREVSS, 2022-2023 Season**

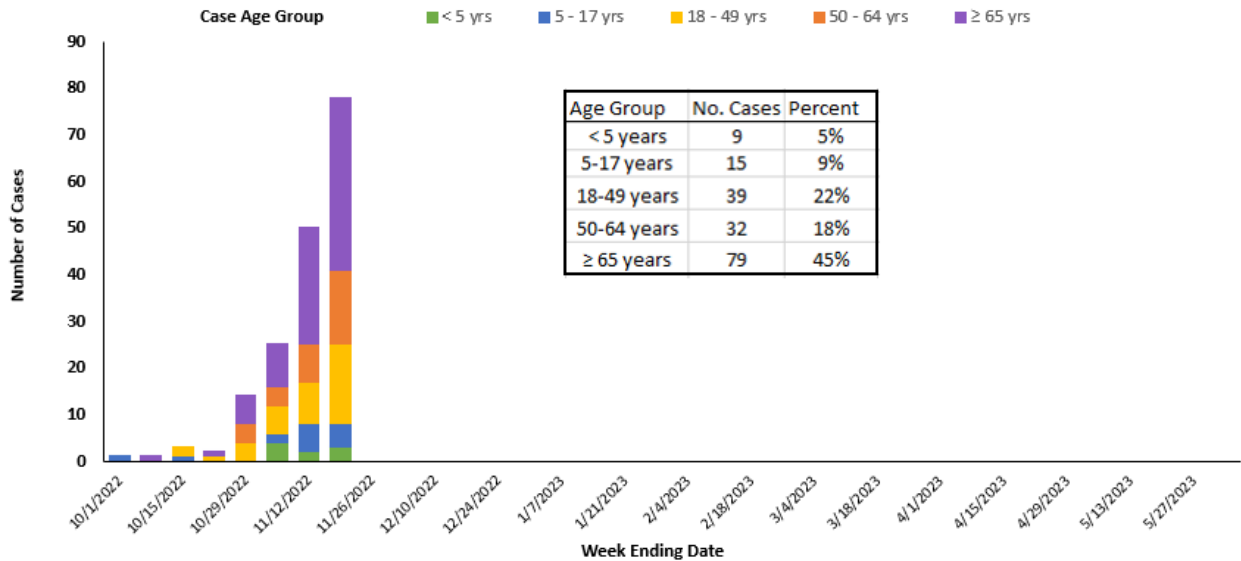


**Figure 2. Oregon Influenza Laboratory Surveillance  
Percent Positive Influenza Tests by Season, NREVSS**

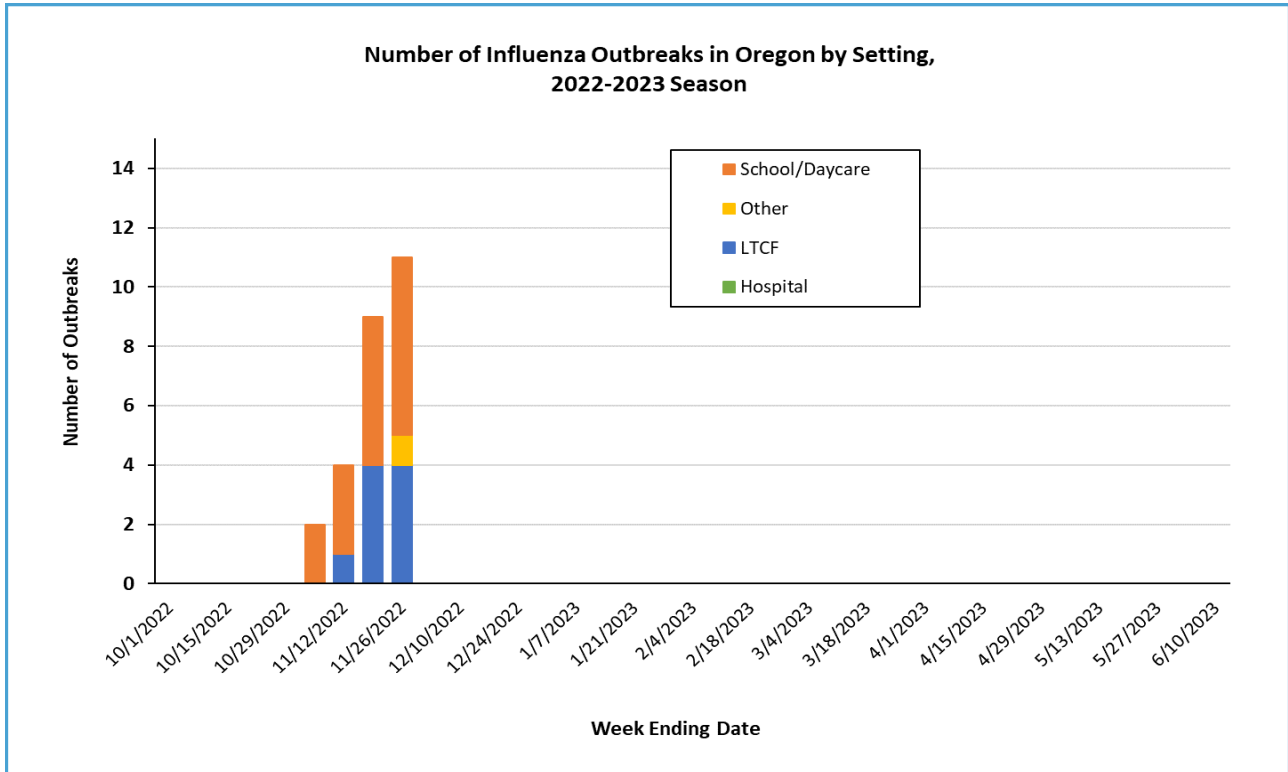


**Portland Tri-County Influenza Hospitalizations:** In Clackamas, Multnomah, and Washington counties there was 78 influenza-associated hospitalization reported during week 47 of 2022. There has been 174 reported hospitalization during the 2022-2023 season.

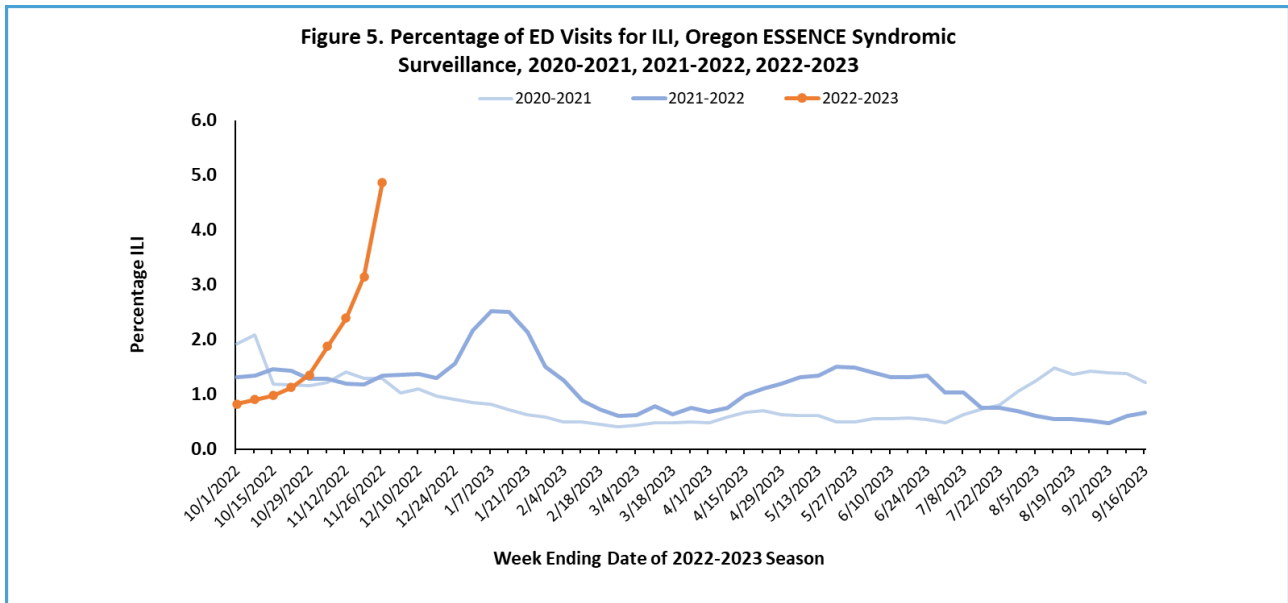
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations  
by Week and Age Group, 2022-2023 Season**



**Influenza Outbreaks:** There were 11 influenza outbreaks reported during week 47, 2022, there have been 26 reported outbreaks during the 2022-2023 season.



**Oregon ESSENCE Syndromic Surveillance:** Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 5, below, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 4.9% during week 47, 2022.



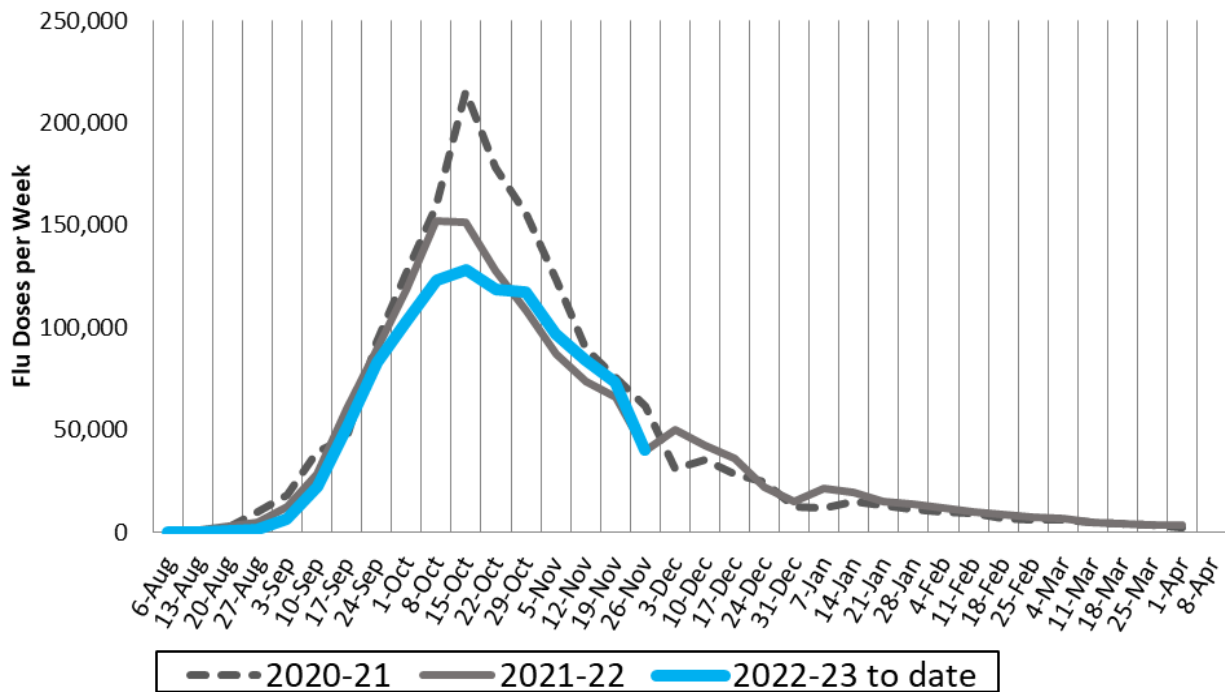
**Influenza-Associated Pediatric Mortality Surveillance:** Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 47, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

### Influenza Immunizations:

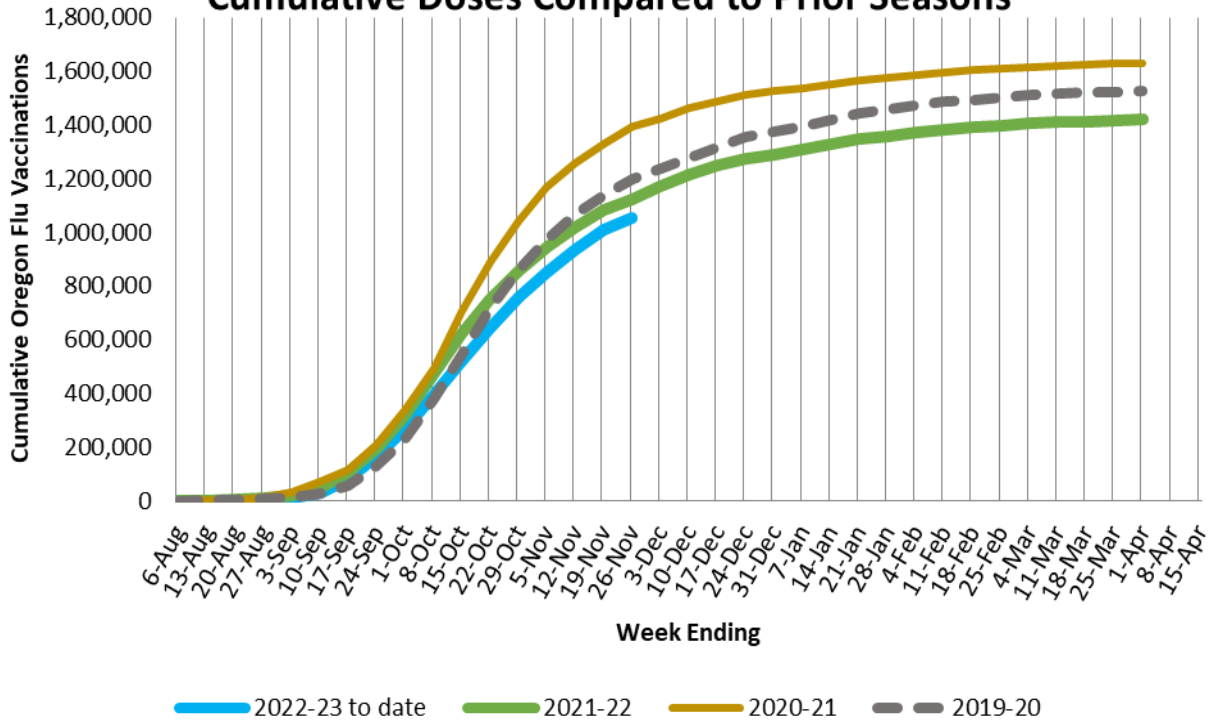
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon's registry of immunizations given to people in Oregon. As of the current date, the count of new, weekly influenza immunizations is continuing to decline. This decline is consistent with the seasonal decline seen in prior flu seasons. Total influenza immunizations remain below that of the last two seasons at this time.

OIP also tracks disparities in influenza immunization by race and ethnicity. For this week, OIP is including preliminary estimates of influenza immunization rates by race and ethnicity for the current season. In the chart below, 'NHPI' stands for Native Hawaiian/Pacific Islander, and 'AIAN' is for American Indian/Alaskan Native. The chart below reflects a long-standing disparity in Oregon for Black, Latinx, and AIAN populations in terms of influenza immunization. As a caveat, the ALERT IIS collects most but not all influenza immunizations given in Oregon. OIP also produces population adjusted influenza immunization rates at the end of the season which may differ from preliminary rate calculations.

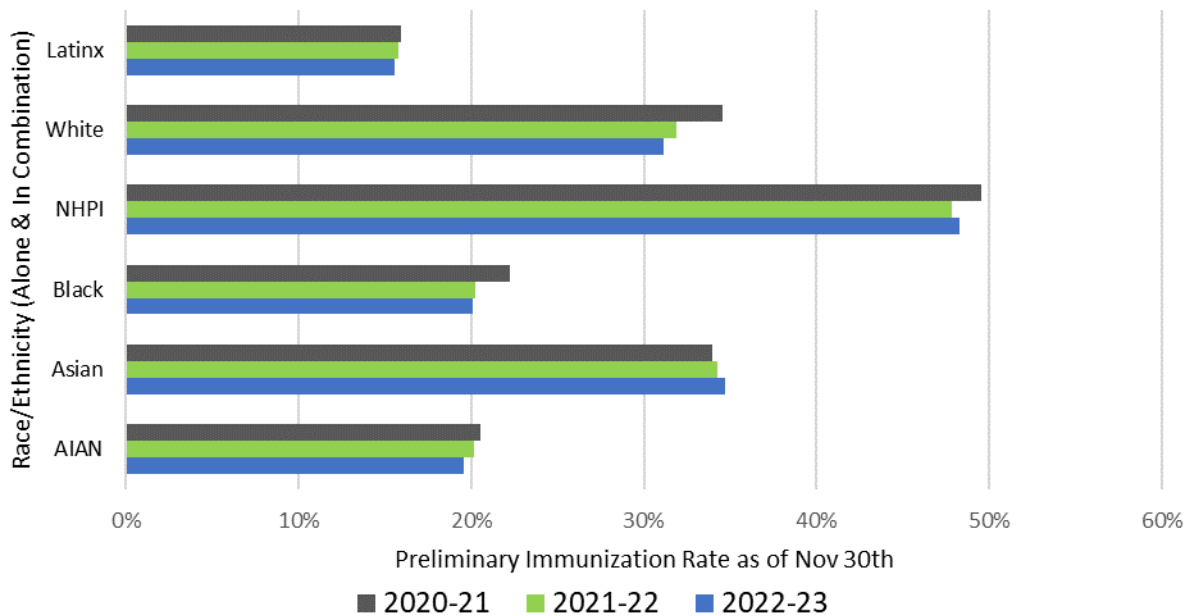
### 2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



## 2022-23 Influenza Immunization in ALERT IIS by Week, Cumulative Doses Compared to Prior Seasons



## Preliminary Estimates of Oregon Influenza Immunization Rates by Race/Ethnicity as of Nov. 30th 2022



**US Data (from [CDC FluView](#)):** Early increases in seasonal influenza activity have been reported in most of the United States, with the southeast and south-central areas of the country reporting the highest levels of activity.

### Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 25.1% this week.
- **Public Health Labs:** The majority of viruses detected are influenza A (H3N2)
- **Virus Characterization:** Genetic characterization data are now summarized on [CDC FluView](#)

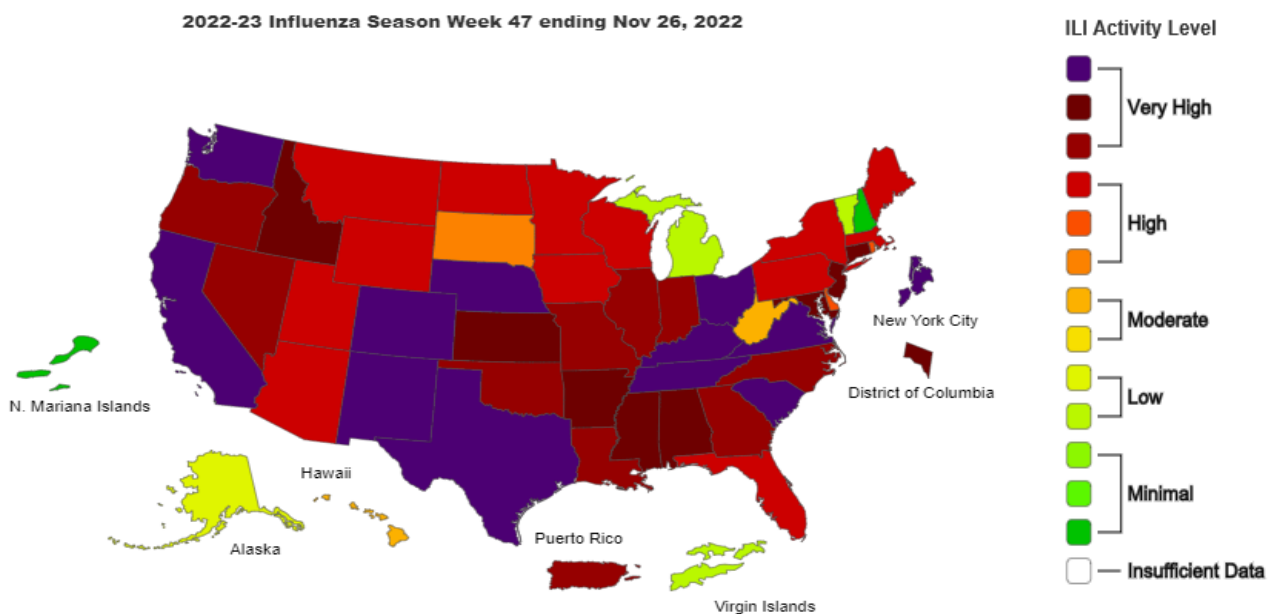
### Illness

- **ILINet Outpatient Illness:** Nationwide during week 47, 7.5% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 47 jurisdictions experienced high or very high activity and 2 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 2.6% of facilities reported  $\geq 1$  influenza-positive test among residents this week.

### Severe Disease

- **FluSurv-NET:** 16.6 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 19,593 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 9.7% of the deaths that occurred during Week 45, were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.3% for this week.
- **Pediatric Deaths:** 2 influenza related deaths were reported this week, 14 influenza-associated pediatric deaths have occurred during the 2022-2023 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>