

## Data at a Glance December 5th, 2021 - December 11th, 2021 (Week 49)

	Current Week (49)	Previous Week (48)
<b>Percentage of emergency department visits for ILI<sup>1</sup></b>	<b>1.4%</b>	<b>1.4%</b>
<b>Percentage positive influenza tests<sup>2</sup></b>	<b>0.6%</b>	<b>0.6%</b>
<b>Portland tri-county influenza-associated hospitalizations<sup>3</sup></b>	<b>1</b>	<b>1</b>
<b>Reported influenza outbreaks</b>	<b>0</b>	<b>0</b>
<b>Influenza-associated pediatric mortality</b>	<b>0</b>	<b>0</b>
<b>Respiratory Syncytial Virus (RSV) activity<sup>4</sup></b>	<b>11.4%</b>	<b>10.7%</b>

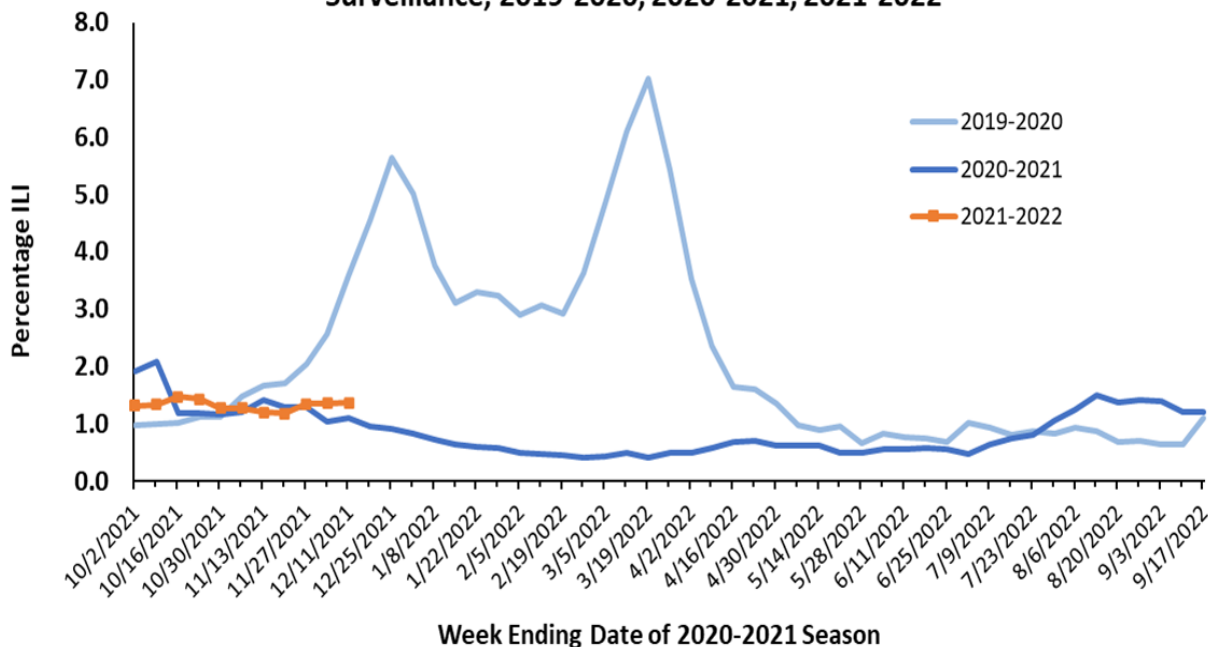
<sup>1</sup>Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

<sup>2</sup>Percent positivity based on data from Oregon reporters to the National Respiratory and Enteric Virus Surveillance System (NREVSS)

<sup>3</sup>Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

<sup>4</sup>Percent positivity based on data from Oregon's RSV Laboratory Surveillance System.

**Figure 1. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2019-2020, 2020-2021, 2021-2022**



**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 1, above, 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 1.4% during week 49, 2021.

**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. Table 1 shows that 0.6% of specimens tested at Oregon labs were positive for influenza during week 49, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

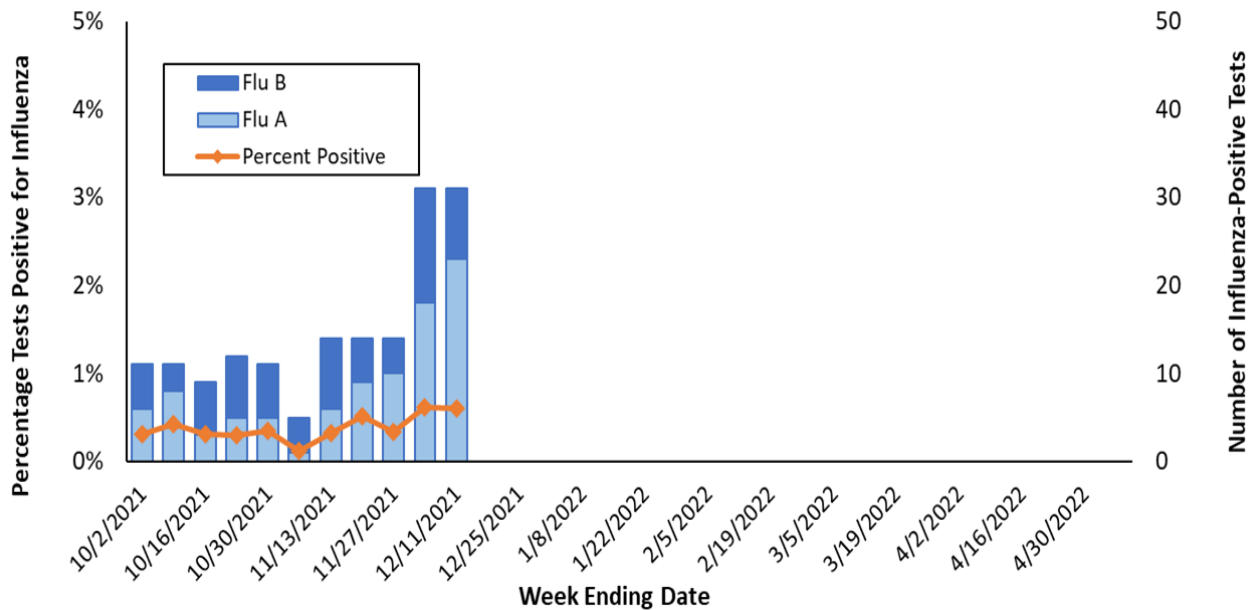
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

Legacy Emanuel Hospital and Health Center (Portland, OR), Oregon Health & Science University (Portland, OR), Providence Health (Oregon), Kaiser Permanente (Oregon), Veteran’s Administration Hospital (Portland, OR), Bay Area Hospital (Coos Bay, OR), Curry Health Network (Brookings, OR), Mercy Medical Center (Roseburg, OR), Sky Lakes Medical Center (Klamath Falls, OR), Lake Health District, (Lakeview, OR), Rogue Valley Medical Center (SW Oregon), Good Shepherd Medical Center (Hermiston, OR), Mid-Columbia Medical Center (The Dalles, OR), Central Oregon Pediatric Associates (Central Oregon), Harney District Hospital (Burns, OR), St. Charles (Bend, OR), Columbia Memorial Hospital (Astoria, OR), Salem Hospital (Salem, OR), Willamette Valley Medical Center (McMinnville, OR).

**Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2021–2022 Season**

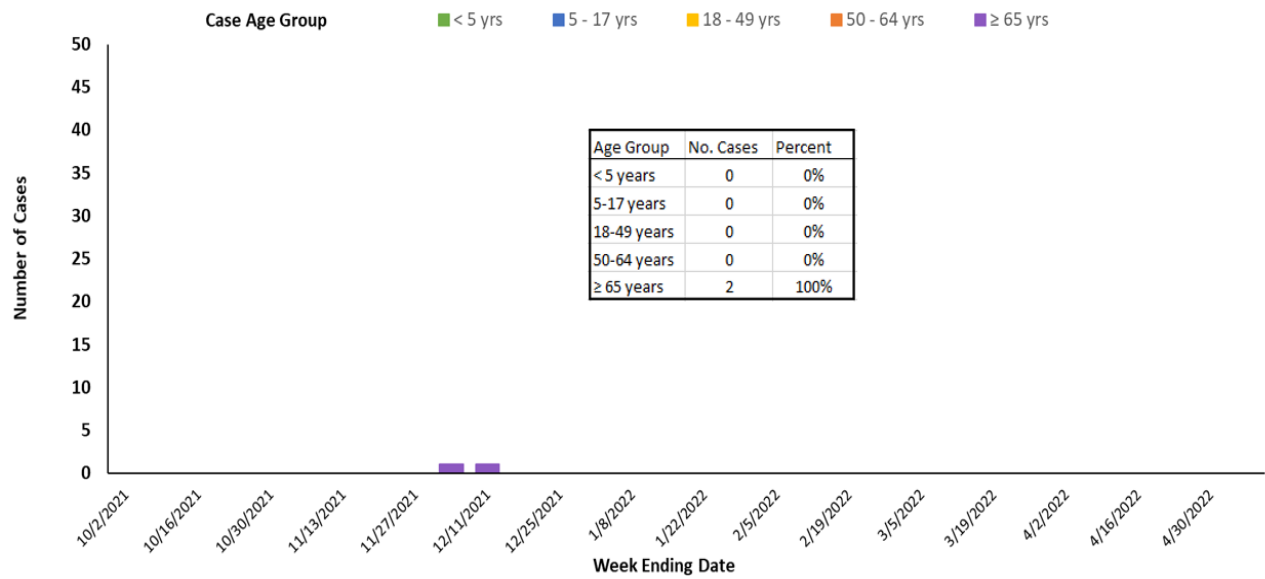
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2457	12	0.5%	10	83.3%	2	16.7%
Southern Oregon	1334	12	0.9%	7	58.3%	5	41.7%
Columbia Gorge	311	0	0.0%	0	0.0%	0	0.0%
Central Oregon	682	1	0.1%	1	100.0%	0	0.0%
Willamette Valley	387	6	1.6%	5	83.3%	1	16.7%
<b>State Total</b>	<b>5171</b>	<b>31</b>	<b>0.6%</b>	<b>23</b>	<b>74.2%</b>	<b>8</b>	<b>25.8%</b>

**Figure 2. Oregon Influenza Laboratory Surveillance**  
**Percent Positive Influenza Tests by Week, NREVSS, 2021-2022 Season**



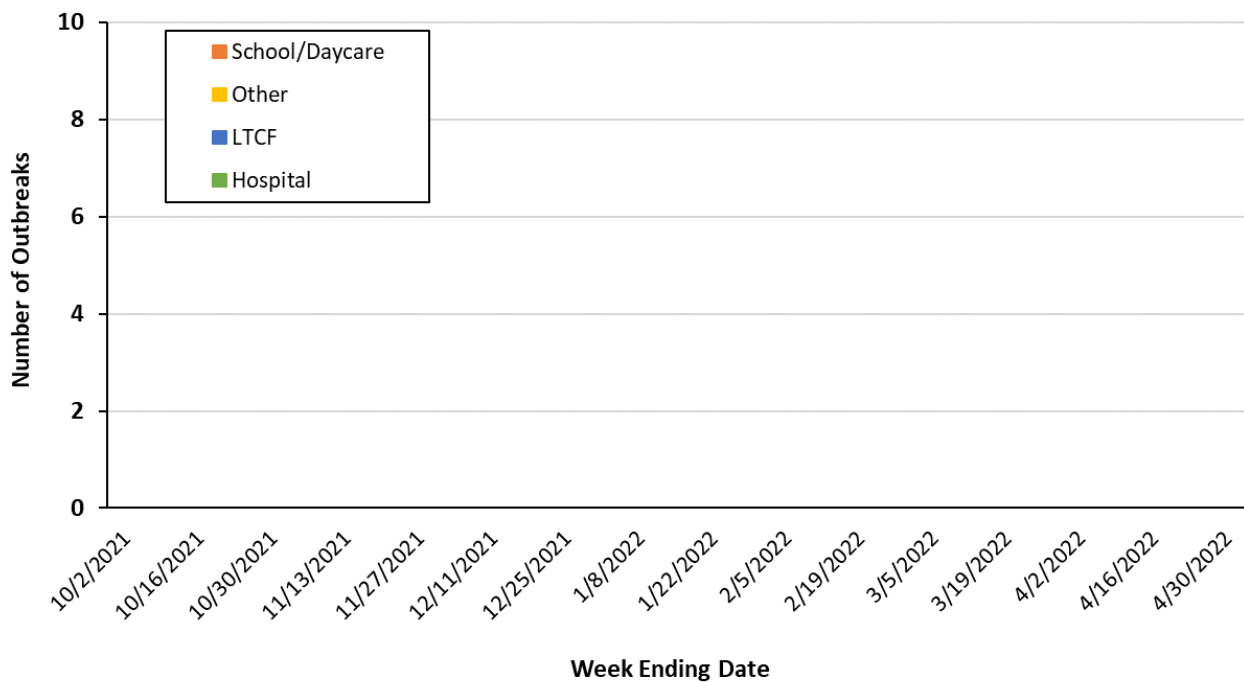
**Portland Tri-County Influenza Hospitalizations:** In Clackamas, Multnomah, and Washington counties there was one influenza-associated hospitalization reported during week 49 of 2021. There has been one reported hospitalization during the 2021-2022 season.

**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2021-2022 Season**



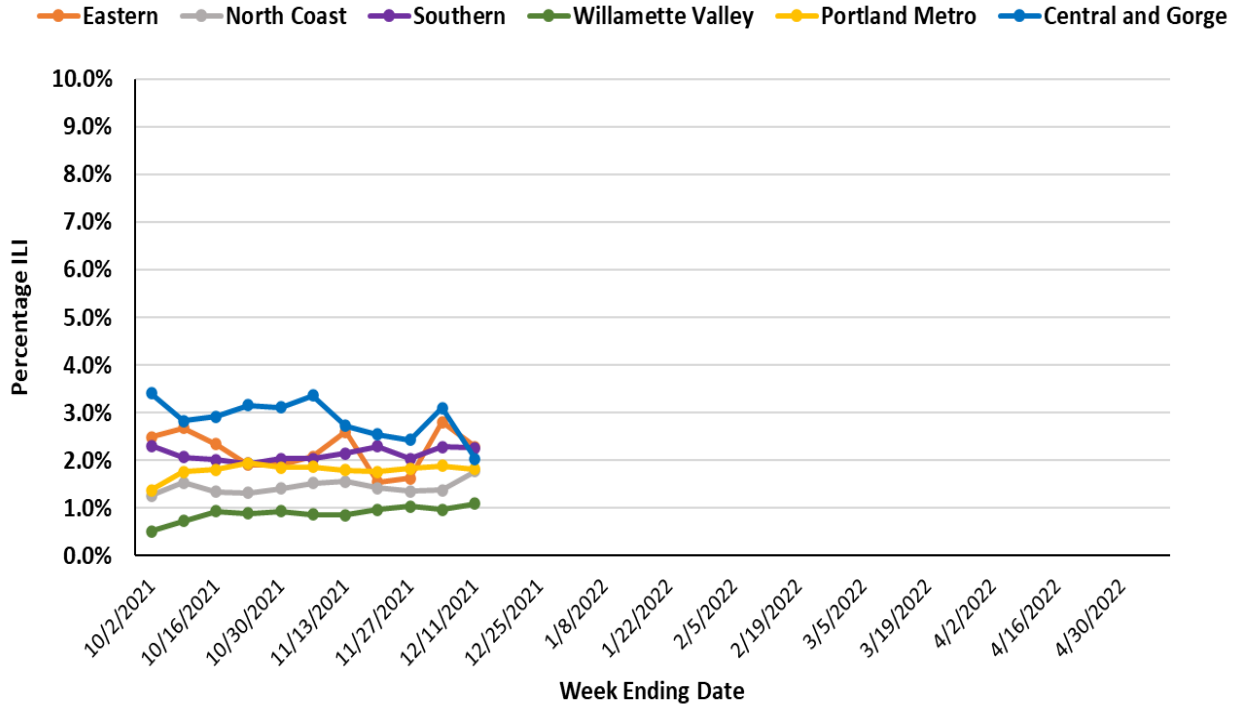
**Influenza Outbreaks:** There were no influenza outbreaks reported during week 49, 2021 and none yet reported during in the 2021-2022 influenza season.

**Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 2021-2022 Season**



**Outpatient Influenza-like Illness Surveillance:** Oregon’s outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 49 of 2021 was 1.8%. Regionally, the percent was highest in the Eastern and Southern regions (2.3%) and lowest in the Willamette Valley (1.0%).

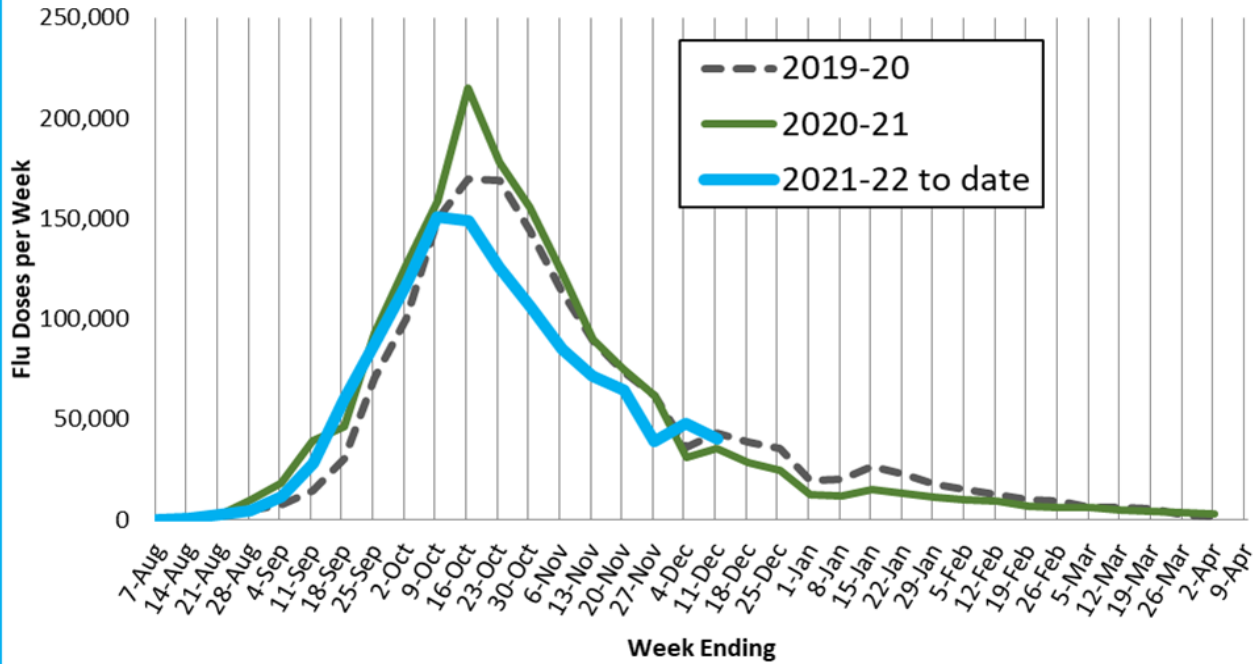
**Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022**



**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 49, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

**Vaccination Information:** So far in December, the numbers of new influenza immunizations per week in Oregon are comparable to past seasons at this time. However, the overall number of influenza immunizations given this season remains substantially below last season. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). Direct reporting from pharmacies and private clinics makes up roughly 90% of all influenza immunizations reported to ALERT IIS. For this week a chart is included showing a comparison for two sources by month, across the last two seasons as a ratio (a ratio of 1.0 indicating no change across seasons; less than 1.0 showing a decline from last season to this season). This chart shows the largest decline in October of this year for both pharmacies and private practices, with some recovery toward prior levels in November.

## 2021-22 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



**US Data (from CDC FluView):** Seasonal influenza activity in the United States remains low, but the number of influenza virus detections reported by public health laboratories has increased in recent weeks.

### Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 3.5% this week.
- **Public Health Labs:** A small but increasing number of specimens have tested positive. The majority of viruses are influenza A (H3N2)
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

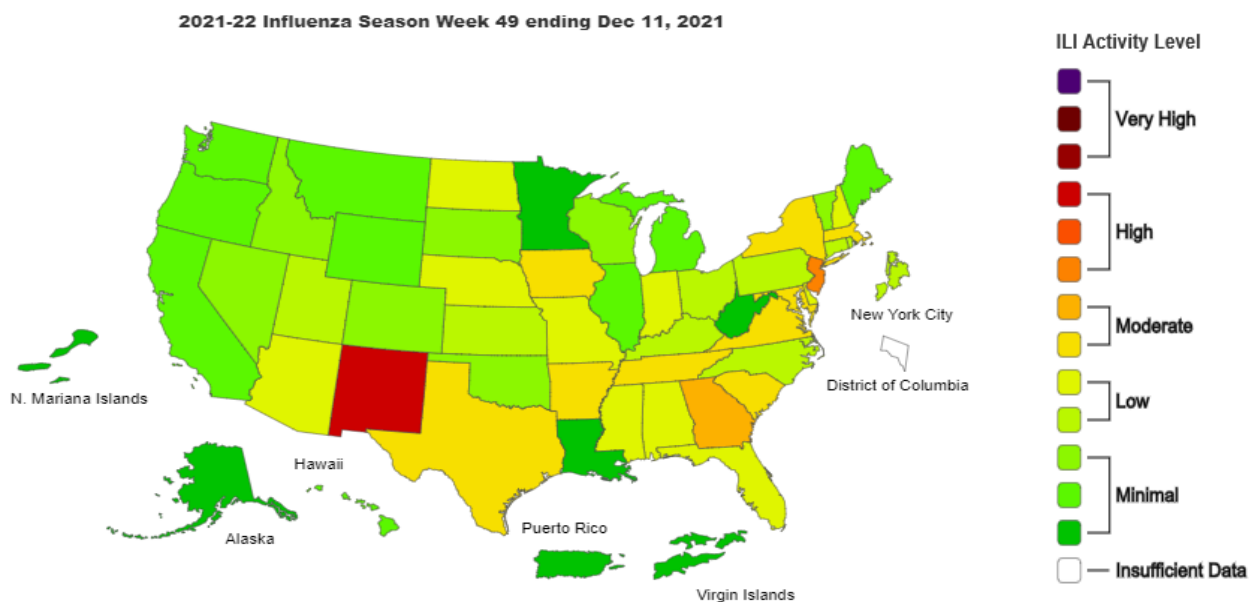
### Illness

- **ILINet Outpatient Illness:** Nationwide during week 49, 2.7% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 10 jurisdiction experienced moderate activity and 2 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported  $\geq 1$  influenza-positive test among residents this week.

### Severe Disease

- **FluSurv-NET:** National hospitalization rates will be updated starting later this season.
- **HHS Protect Hospitalizations:** 1,057 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on December 17, 2021, 17.4% of the deaths that occurred during the week ending December 11th, 2021 (week 49), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.6% for this week.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

### Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet 2021-2022 Influenza Season Week 49 -- Ending December 4th, 2021



**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>