FluBites

Oregon's Weekly Surveillance Report
Influenza & Respiratory Viruses

Oregon Health Authority

Oregon Public Health Division | Published May 17, 2024

May 5, 2024 — May 11, 2024 (Week 19)

	Current Week (19)	Previous Week (18)
Percentage positive influenza tests[1]	**5.0%**	**3.8%**
Portland tri-county influenza-associated hospitalizations[2]	**1**	**7**
Reported influenza outbreaks[3]	**3**	**1**
Influenza-associated pediatric mortality[3]	**0**	**0**

[1]Percent positivity based on data from Oregon reporters to the National Respiratory and Enteric Virus Surveillance System (NREVSS)
[2]Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only
[3]Based on reports made to the Oregon Health Authority

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

		Positive		Flu A		Flu B	
Region	Total Tests	No.	(%)	No.	(%)	No.	(%)
Portland Metro	315	6	1.9%	3	50.0%	3	50.0%
Southern Oregon	387	9	2.3%	5	55.6%	4	44.4%
Columbia Gorge	227	7	3.1%	4	57.1%	3	42.9%
Central Oregon	462	48	10.4%	41	85.4%	7	14.6%
Willamette Valley	555	28	5.0%	19	67.9%	9	32.1%
State Total	**1946**	**98**	**5.0%**	**72**	**73.5%**	**26**	**26.5%**

Figure 1. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2023-2024 Season

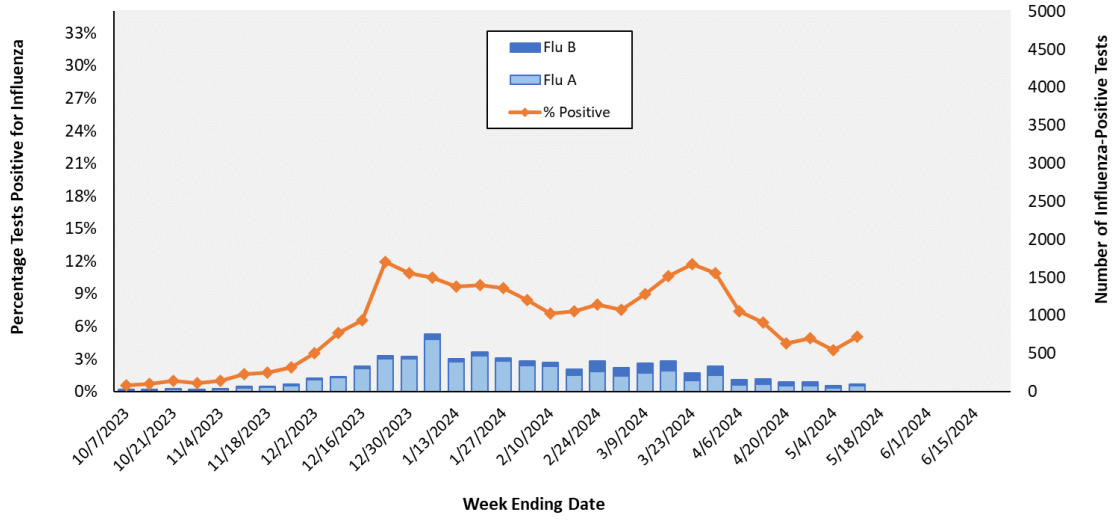
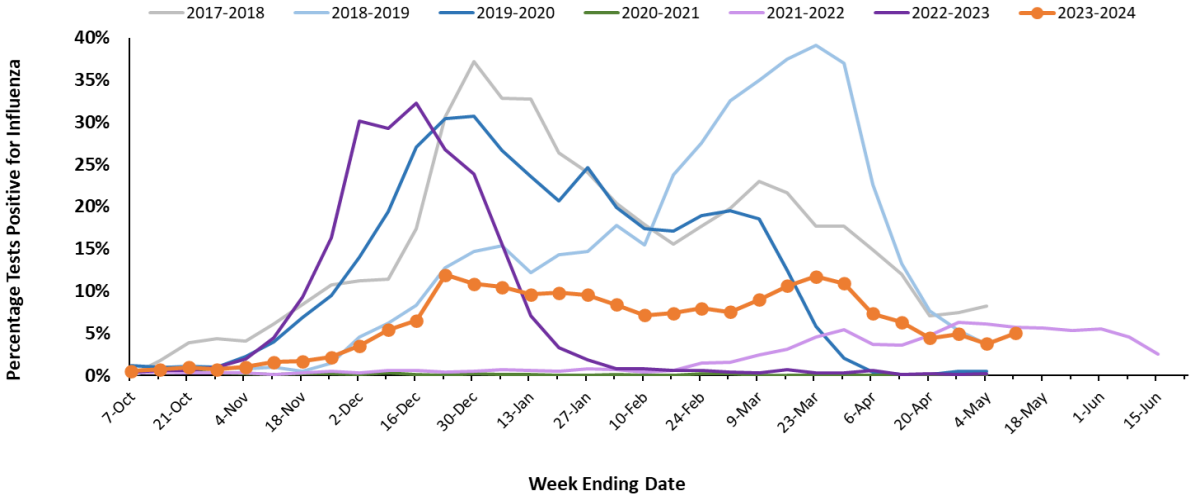
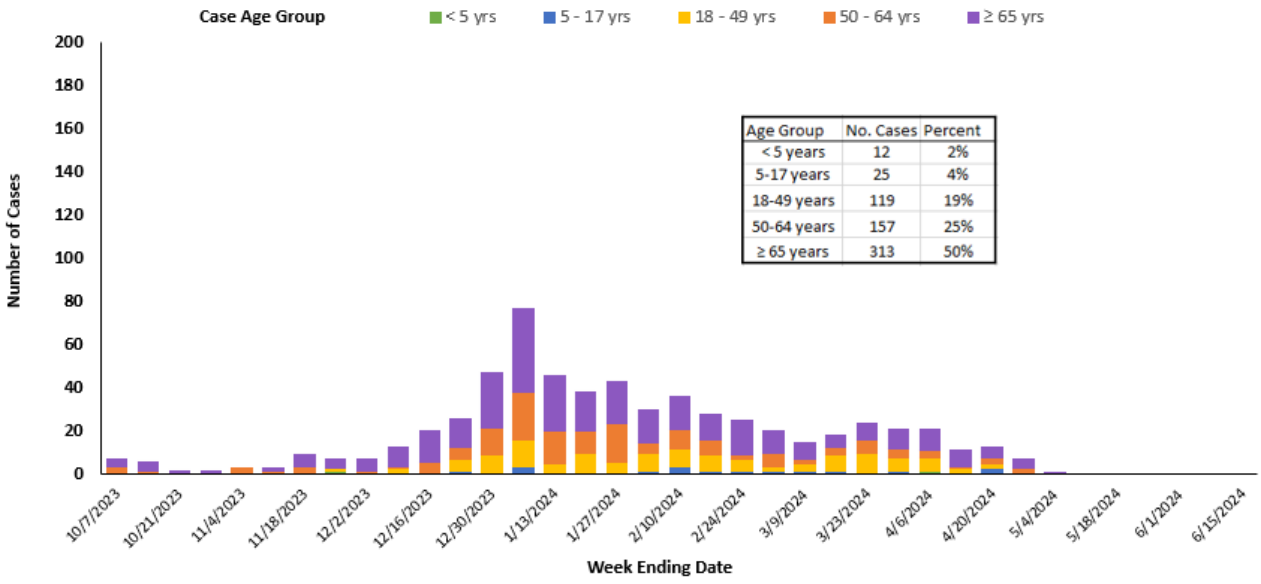


Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS



Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 1 person was hospitalized with influenza during week 19 of 2024. There have been 626 reported hospitalizations during the 2023-2024 season. The cumulative hospitalization rate for the 2023-2024 season is 34.01 per 100,000 people.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2023-2024 Season



Age Group	No. Cases	Percent
< 5 years	12	2%
5-17 years	25	4%
18-49 years	119	19%
50-64 years	157	25%
≥ 65 years	313	50%

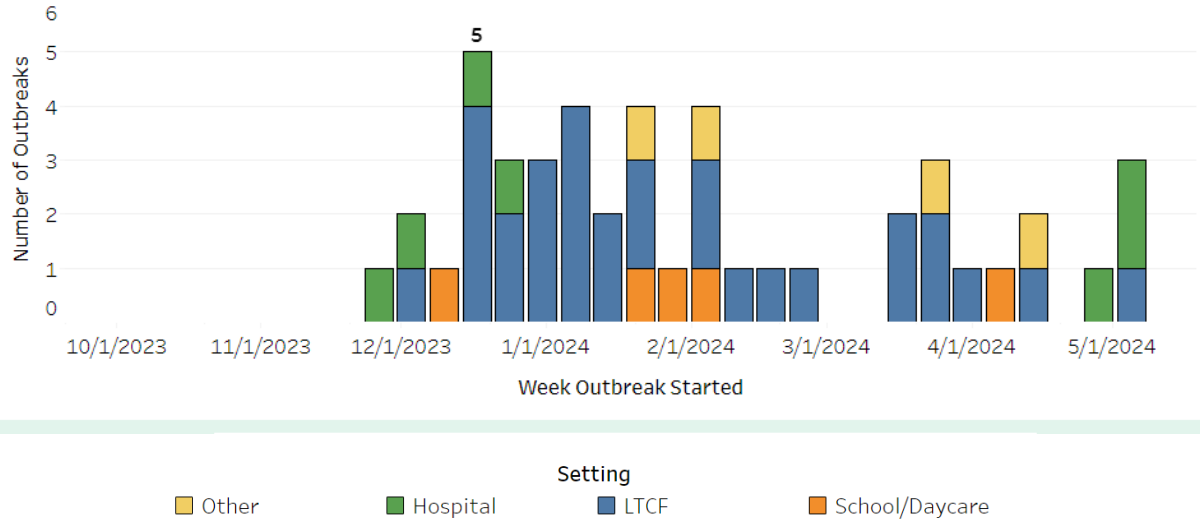
Influenza Outbreaks: 3 outbreaks reported during Week 19, 2024

Influenza outbreaks

Influenza outbreaks are reported to OHA in high-consequence residential settings, K-12 school and childcare settings, and other settings of concern as determined by Local Public Health Authorities (LPHA). This graph shows Hospital, Long Term Care Facility (LTCF), School/Daycare, and Other outbreaks reported by LPHAs to OHA through the Orpheus Outbreaks database. Other outbreak settings may include but are not limited to: prisons and jails, shelters, transitional housing, home health care, workplaces, outpatient clinics, or other congregate settings. Data are provisional and subject to change.

1. Influenza outbreaks in Oregon by setting over time

This bar chart shows the number of outbreaks by setting by the week the outbreak started.



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 19 2024, and 0 pediatric deaths reported to the Oregon Health Authority in the 2023-2024 influenza season.

U.S. Data (from CDC FluView): Seasonal influenza activity continues to decline in most areas of the country.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 2.4% this week.
- **Public Health Labs:** The most frequently reported viruses this week were influenza A (H1N1) pdm09, A(H3N2), and B viruses were all cocirculating this week.
- **Virus Characterization:** Genetic characterization data are now summarized on **CDC FluView**

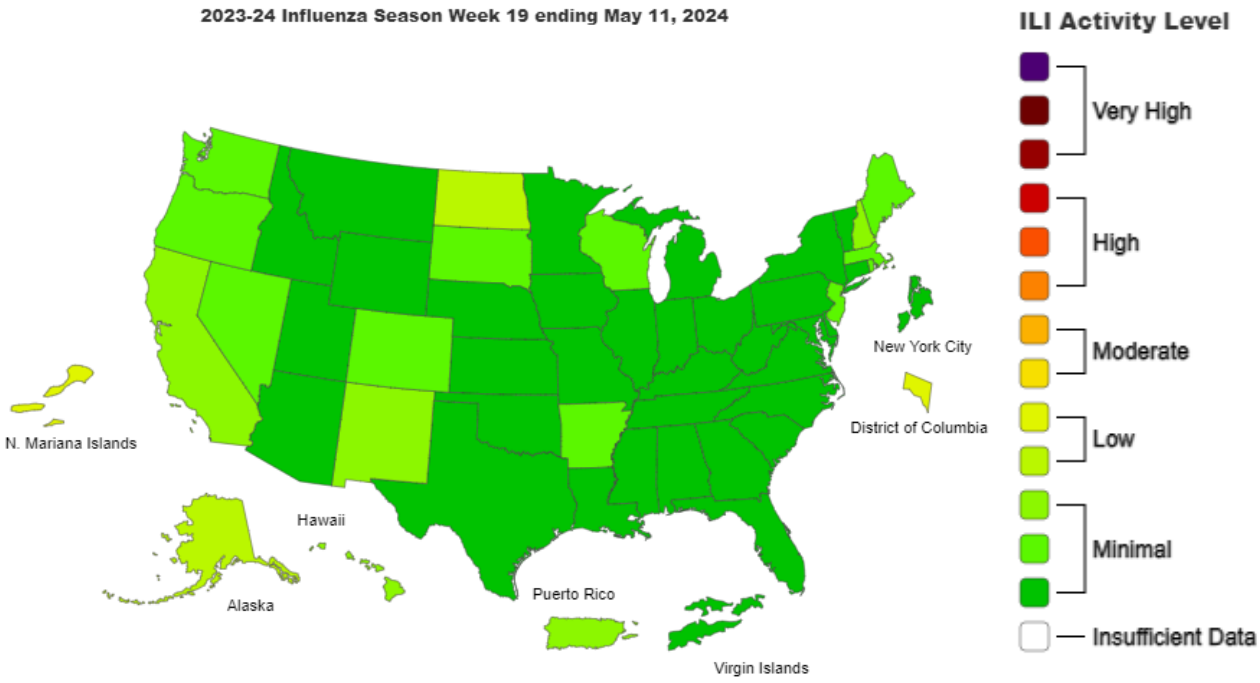
Illness

- **Outpatient Respiratory Illness:** Nationwide during week 19, 2.0% of visits to a health care provider are for respiratory illness.

Severe Disease

- **FluSurv-NET:** 80.6 per 100,000 cumulative hospitalization rate.
- **NCHS Mortality:** 0.1% of deaths attributed to influenza this week

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.

Pediatric Deaths: 3 influenza related deaths were reported this week, 167 influenza-associated pediatric deaths have occurred during the 2023-2024 season and have been reported to CDC.

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